

1992

POUNDS AND VALUES
OF COMMERCIALY CAUGHT
FISH AND SHELLFISH
LANDED IN OREGON



OREGON DEPARTMENT OF FISH & WILDLIFE

1992

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

by

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December 1994

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 1992. 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.

CONTENTS

Forward.....	ii
Explanation of Tables.....	1
Fish species reported in the Oregon commercial catch.....	4
Type and number of commercial fishing licenses and permits issued, 1983-92.....	5
Commercial food fish landings, 1983-92.....	6
Commercial food fish ex-vessel value, 1983-92.....	11
Commercial food fish landings by port.....	16
Monthly landings of commercial food fish.....	20
Columbia River.....	24
Astoria.....	25
Gearhart/Seaside.....	27
Cannon Beach.....	27
Nehalem Bay.....	28
Garibaldi.....	29
Netarts Bay.....	30
Pacific City.....	31
Siletz Bay.....	31
Depoe Bay.....	32
Newport.....	33
Waldport.....	35
Florence.....	36
Winchester Bay.....	38
Charleston.....	39
Bandon.....	41
Port Orford.....	42
Gold Beach.....	43
Brookings.....	44
Commercial food fish landings by gear.....	46
Commercial food fish ex-vessel value by gear.....	58
Monthly landings of commercial food fish by gear.....	70
Value of commercial food fish landings by port.....	83
Monthly value of commercial food fish landings.....	87
Columbia River.....	91
Astoria.....	92
Gearhart/Seaside.....	94
Cannon Beach.....	94
Nehalem.....	95
Garibaldi.....	96
Netarts Bay.....	97
Pacific City.....	98
Siletz Bay.....	98

Depoe Bay	99
Newport	100
Waldport	102
Florence	103
Winchester Bay	105
Charleston	106
Bandon	108
Port Orford.....	109
Gold Beach.....	110
Brookings.....	111
Salmon harvested by Oregon private hatcheries	113
Freshwater species harvested in 1992 by month by county.....	114
Oregon oyster production, 1983-92.....	116
Appendix - Personal Income Contribution of the Commercial Fishing and Processing Industry to Communities on the Oregon Coast and to Oregon's Economy	117

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), locations along the coast (Fig. 1) and by county for freshwater species. Coastal locations represent the major port or area of landing. These landings include ocean, bay or inland-caught fish or shellfish. For ocean-caught species, port of landing does not necessarily indicate area of catch, as many boats fish coastwide and return to their home 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. The rockfish in particular are a group that are difficult to differentiate because of structural similarities among several species. However some species are distinct and easily identifiable and are reported separately in the tables, such as the widow and widow rockfish.

Pacific ocean perch (P.O.P.) are more difficult to identify and report accurately because there are several species that are perch-like in appearance. However, 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.

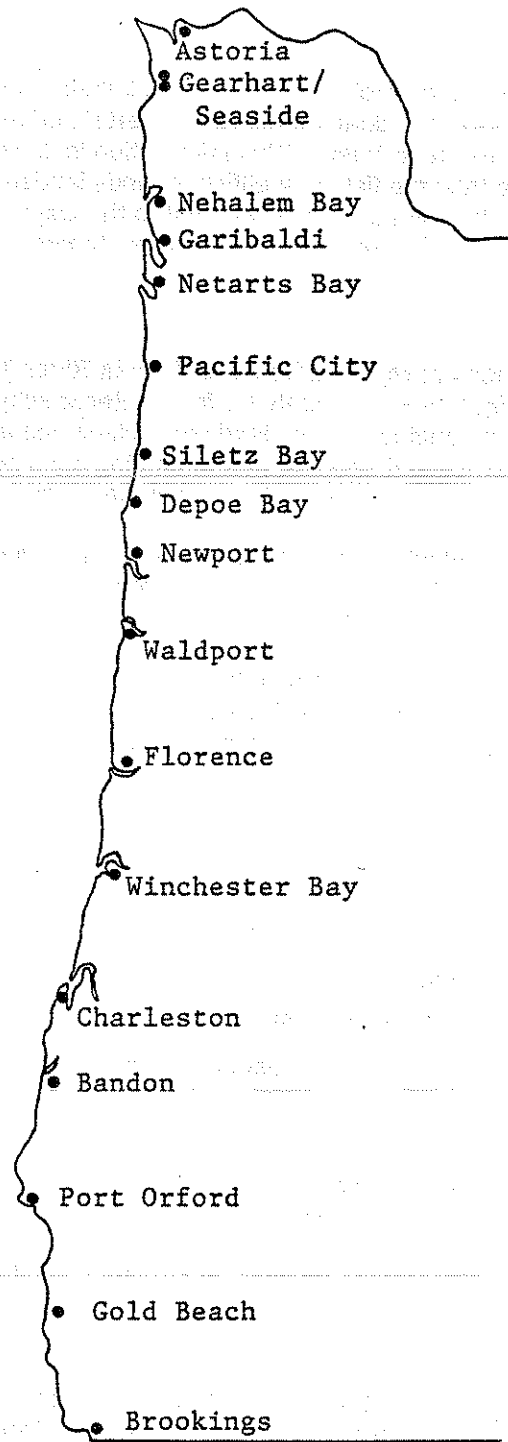


Figure 1. Oregon coastal ports

Landings of shortspine and longspine thornyheads are combined and reported by their scientific genus name *Sebastolobus*. Prior to 1984 they were included with miscellaneous rockfish.

Even though some of the rockfish species are reported separately there is still contamination of other species in each of the listed rockfish species groups. Oregon Department of Fish and Wildlife biologists routinely sample these categories at the dock to determine species composition. This market sample data is applied to the fish ticket data to obtain 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, 1983-92) 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.

Returns of salmon to private hatcheries were reported in Tables 61 and 62 in previous years. All private hatcheries have ceased operations and only one reported returns in 1992. This information is considered proprietary and is not included in this report.

The oyster data presented in Table 64 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 2. Type and number of commercial fishing licenses and permits issued, 1983-92

Type	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
Albacore tuna landing.....	105	81	48	51	50	76	55	46	32	91
Bait Fishing.....	96	97	106	122	111	127	113	118	108	96
Boat.....	3,966	2,078	2,982	3,072	3,109	3,529	3,508	3,388	2,959	—
Resident 1/.....	—	—	—	—	—	—	—	—	—	2262
Non-resident 1/.....	—	—	—	—	—	—	—	—	—	653
Individual fishing.....	6,853	3,946	5,619	6,330	7,025	7,423	7,355	6,234	5,740	—
Resident 1/.....	—	—	—	—	—	—	—	—	—	3738
Non-resident 1/.....	—	—	—	—	—	—	—	—	—	609
Single Delivery.....	85	113	165	406	678	136	108	77	103	174
Gillnet permit.....	475	436	373	370	370	356	356	355	354	350
Scallop permit.....	144	134	113	101	103	104	105	100	88	62
Shrimp permit.....	234	209	180	173	181	220	211	208	203	199
Troll permit.....	3,439	3,203	2,993	2,739	2,626	2,597	2,574	2,528	2,048	2111
Bait dealers:										
Reporting.....	59	67	66	71	62	72	71	55	63	58
Non-reporting.....	17	27	34	33	27	27	30	28	29	26
Buyer.....	124	78	94	122	150	179	159	141	127	85
Canner, fish.....	7	7	8	6	7	1	7	8	9	9
Canner, shellfish.....	4	3	2	2	3	4	2	2	1	1
Limited fish seller 2/.....	—	—	2	31	37	57	77	85	65	86
Wholesale fish dealer:										
Reporting.....	221	180	181	168	168	171	188	170	160	124
Non-reporting.....	18	13	14	21	33	30	36	32	33	21
Private hatchery.....	8	8	9	7	6	6	6	4	4	0
Boat, lost license.....	28	11	18	23	30	31	35	29	22	11
Indiv. fishing, lost license.....	38	11	14	18	26	67	50	47	37	37
Permit fisheries, lost permit..	3/	3/	3/	3/	37	28	29	22	11	9
TOTAL	15,921	10,702	13,021	13,866	14,839	15,241	15,075	13,627	12,196	10,812

1/ Effective 1992
 2/ Effective 1985
 3/ Not available

TABLE 3A. COMMERCIAL FISH AND SHELLFISH LANDINGS (POUNDS ROUND) IN OREGON, 1983-1992.

	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
FISH:										
Anchovy, northern.....	0	0	31	0	0	26	30	0	0	0
Marlin, striped.....	0	0	0	0	0	0	0	0	73	0
Bonita.....	1462	0	0	0	0	0	0	0	0	0
Cabezon.....	702	2512	5681	10963	14051	24987	14765	11383	18339	15941
Carp.....	50	0	0	0	11184	0	0	0	0	218
Dace, speckled.....	0	0	0	0	0	0	0	0	74	66
Minnow, fathead.....	0	0	0	0	0	0	0	0	7	69
Shiner, redbside.....	0	0	0	0	0	0	0	0	193	154
Squawfish, northern...	0	0	0	0	0	0	42	0	36	32
Cod, Pacific.....	196644	175782	85401	67789	1468747	2280678	1720551	510279	1134083	917172
Flounder, arrowtooth..	1191733	919403	1539458	1107314	1631086	1414080	2505977	4000879	4604857	4543936
Flounder, starry.....	432560	236979	789941	215869	218867	345650	443256	237846	718486	156589
Greenling.....	0	0	0	0	0	177	169	7	50	35
Grenadier.....	798	0	0	0	462	46854	112981	191831	254024	310459
Hagfish.....	0	0	0	0	0	25782	344187	167453	274535	751281
Halibut, California...	0	0	0	0	0	0	0	0	0	16
Halibut, Pacific.....	579560	1055044	812822	1313777	916022	582020	916024	622233	544446	711874
Herring, Pacific.....	145915	177452	163566	220300	493788	355890	546391	475634	430494	437200
Lamprey.....	4482	3391	6381	4740	5633	10896	8366	14203	32221	9089
Lingcod.....	3830684	2345214	2320901	1444588	1589771	2222190	2590810	1927614	3277404	1568021
Mackerel.....	18253	6724	13	4	3229	1403	10443	22679	43590	1716941
Opah.....	448	0	0	89	1727	160	0	0	0	0
Pollock, walleye.....	348	880	310	1523	0	0	47	31	340	120
Pricklebck, monkeyface	302	250	71	487	0	0	0	0	0	0
Ratfish.....	0	0	0	0	0	28	110	24	167	253
Pac. Ocean perch.....	5192175 1/	1576824	1554767	1385049	1048384	1403168	1557365	1084209	1653609	1186075
Nominal POP.....	2/	1472712	2378182	2093576	2046590	2980699	3046384	2991281	3428857	1980933
Rockfish, widow.....	3/	11635817	9535857	9435395	13963484	12009023	15236547	12226558	9664121	11011727
Rockfish, yellowtail..	3/	3/	2985880	3667900	3700306	4960998	4076729	4011601	3857810	8374166

TABLE 3A. COMMERCIAL FISH AND SHELLFISH LANDINGS (POUNDS ROUND) IN OREGON, 1983-1992. (CONT.)

	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
Rkfish, Sebastes...	3/	1785270	2361759	1399250	1480307	2209850	5564151	9980977	7718124	9438100
Rockfish, other spp...	30291426	12231908	10033146	7912485	10037674	9838085	11086159	7134485	10053750	8578115
Sablefish.....	10234762	10666025	11624342	10261789	11551670	8999796	8704848	8230977	8667954	8726275
Salmon, chinook.....	1287328	1758947	3856605	6477250	11482797	11741177	7610539	4202224	1795575	1676951
Salmon, chum.....	1100	10978	3560	8287	6821	14697	4164	3909	1298	2786
Salmon, coho.....	1300319	1181919	1822156	6936483	3058254	5697757	3836619	1041908	3421037	446454
Salmon, pink.....	269	0	297429	12	100463	12	20295	0	8786	19
Salmon, sockeye.....	2998	82495	143251	14311	124037	65036	59	0	0	11
Sanddab, Pacific.....	531290	614479	395496	321095	468094	241914	162923	429616	690675	646542
Sardine, Pacific.....	0	0	0	0	0	0	0	0	0	8568
Sculpin.....	0	0	0	0	0	0	2	0	8	0
Irish lord, brown.....	0	0	0	0	0	0	2	1	8	0
Irish lord, red.....	0	0	0	0	0	6	2	35	11	2
Sculpin, buffalo.....	0	0	0	0	0	21	10	8	4	2
Shad, American.....	359719	198414	140143	343154	365482	393621	194516	497513	141094	429634
Shark, blue.....	0	0	0	0	0	0	0	56	97	125
Shark, sixgill.....	0	0	0	0	0	0	135	118	300	13
Shark, soupfin.....	13905	7784	9087	7161	17511	3029	3264	3709	4719	4588
Shark, spiny dogfish..	2581	873	290	363	225	1110	698	15611	145405	121575
Shark, thresher.....	0	0	2092	467550	101664	88957	30	655	0	1306
Shark, other.....	7100	696	1616	1333	3645	67	159	92	40	0
Skates and rays.....	159640	59495	11385	22767	21421	4571	8319	2112	6352	3244
Skilfish.....	0	0	0	0	0	0	0	0	0	147
Smelt.....	40343	30551	673322	36636	48725	58971	29654	1108	1980	4271
Smelt, whitebait.....	0	0	0	0	0	0	4512	0	188	0
Sole, butter.....	12075	2252	707	1034	10617	691	2465	0	817	167
Sole, curlfin (turbot)	9489	6908	4518	4752	9685	6328	5420	574	2507	848
Sole, Dover.....	18698513	13472731	12585063	10623952	13353184	16925202	19638358	16553757	19428977	13399167
Sole, English.....	2014645	993103	1031237	1221130	1310569	1281272	1527272	1122209	1864935	1383963
Sole, flathead.....	17105	11854	32132	5556	1311	20708	7252	17111	6288	18096

TABLE 3A. COMMERCIAL FISH AND SHELLFISH LANDINGS (POUNDS ROUND) IN OREGON, 1983-1992. (CONT.)

	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
Sole, petrale.....	2435788	1517840	1273559	1568374	1884519	1989500	1901739	1639907	2054029	1699928
Sole, rex.....	1426686	1210425	874431	629946	632021	734799	623183	500134	948308	730812
Sole, rock.....	9278	4630	1424	12862	2498	11383	5555	5018	3913	724
Sole, sand.....	696583	481734	485018	531913	500462	349569	487093	467730	634274	388724
Sole, slender.....	0	0	5	0	0	0	0	0	0	0
Steelhead.....	80487	562348	454332	360654	319411	267345	252099	163502	117564	237716
Sturgeon eggs.....	0	0	0	0	0	0	0	0	0	10
Sturgeon, green.....	18970	54870	31431	87823	67553	58028	10673	9528	27495	22357
Sturgeon, white.....	296648	401621	306687	485588	428330	231041	200472	184308	111602	152017
Sucker, bridgelip....	0	0	0	0	0	0	0	0	139	331
Sucker, largescale....	0	0	0	0	0	0	28	0	0	14
Sunfish, ocean.....	244	70	0	0	0	50	0	0	0	0
Surfperch.....	2421	4920	3314	4369	2539	5551	3710	4953	2201	3596
Tomcod, Pacific.....	46	0	0	0	0	69	0	0	0	0
Tuna, albacore.....	3410429	1624055	1524601	2461004	2288045	3967120	1079657	2079312	1258818	3888515
Tuna, other.....	177	185	0	364	13	154	0	0	0	0
Walleye.....	0	0	0	0	0	0	7065	1268	1806	2984
Whiting, Pac. (Hake)..	142536	745561	1950069	926681	402713	543196	195914	5058341	29108721	107939472
Wolf-eel.....	6747	5067	6947	7064	9276	4857	4917	2994	1963	1507
Wrymouth.....	0	0	0	0	254	560	121	142	355	389
Miscellaneous.....4/	3	271	223	1421	3947	227	0	0	0	0
CRUSTACEANS:										
Barnacle, gooseneck...	0	0	0	0	0	30	561	12	25	0
Crab, box.....	16207	271881	93431	3060	24	0	412	8586	10460	620
Crab, Dungeness, ocean	5350560	5013455	7422901	4660672	5990869	9414002	11675901	9509817	4923571	11908102
Crab, hermit.....	0	0	0	0	0	0	0	21	17	0
Crab, kelp.....	0	0	0	0	0	0	0	0	0	8
Crab, mole.....	0	0	0	0	0	15	8	0	0	0
Crab, rock.....	0	1155	1552	1806	5321	7772	4037	4571	5302	287
Crab, tanner.....	1338	0	48	0	121	0	16	0	9	9

TABLE 3A. COMMERCIAL FISH AND SHELLFISH LANDINGS (POUNDS ROUND) IN OREGON, 1983-1992. (CONT.)

	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
Sea urchins, red.....	0	0	0	55820	202799	1970963	7842658	9320868	4736872	2857392
Bloodworms.....	0	0	0	0	0	0	28	0	0	0
Worms, tube.....	0	1333	2069	0	0	1570	1938	0	0	0
	100360962	84162962	99603185	113354961	138611976	148306322	165622642	139071638	150033479	256982295

1/ INCLUDES ROCKFISH SIMILAR IN APPEARANCE TO PACIFIC OCEAN PERCH.

2/ INCLUDED IN PACIFIC OCEAN PERCH.

3/ INCLUDED IN ROCKFISH, OTHER SPP.

4/ INCLUDES MINK FOOD, WALLEYE AND INCIDENTAL MARINE SPECIES.

TABLE 3B. ESTIMATED VALUE (\$), AT THE FISHERMAN'S LEVEL, OF COMMERCIAL FISH AND SHELLFISH LANDINGS IN OREGON, 1983-1992.

	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
FISH:										
Anchovy, northern.....	0	0	34	0	0	13	15	0	0	0
Marlin, striped.....	0	0	0	0	0	0	0	0	310	0
Bonita.....	504	0	0	0	0	0	0	0	0	0
Cabazon.....	183	777	1274	2248	3038	7110	4354	4735	9435	7655
Carp.....	15	0	0	0	1118	0	0	0	0	20
Dace, speckled.....	0	0	0	0	0	0	0	0	148	68
Minnow, fathead.....	0	0	0	0	0	0	0	0	1	11
Shiner, redbreast.....	0	0	0	0	0	0	0	0	579	256
Squawfish, northern...	0	0	0	0	0	0	2	0	72	52
Cod, Pacific.....	48830	45205	21740	18246	481583	625590	448314	130825	341619	306304
Flounder, arrowtooth..	120601	92031	154469	113219	238787	185739	242358	413558	527421	480458
Flounder, starry.....	117274	66432	224439	62743	74829	107107	133213	69209	210693	49744
Greenling.....	0	0	0	0	0	121	99	4	166	31
Grenadier.....	160	0	0	0	60	7331	17920	21535	20790	23232
Hagfish.....	0	0	0	0	0	9024	103256	49434	69952	167523
Halibut, California...	0	0	0	0	0	0	0	0	0	44
Halibut, Pacific.....	630308	800560	799284	1663179	1017882	873846	1302466	915808	1019534	827775
Herring, Pacific.....	78077	35157	243176	63053	236438	234041	267457	261308	172356	142710
Lamprey.....	582	630	2233	0	5633	1634	2950	3562	9017	2381
Lingcod.....	953314	585058	604400	442391	602693	799550	871307	652219	1083430	579369
Mackerel.....	7796	638	1	41	535	365	1174	3694	2588	956
Opah.....	90	0	0	36	777	80	0	0	0	0
Pollock, walleye.....	35	221	62	61	0	0	5	3	47	24
Pricklebck, monkeyface	50	45	13	104	0	0	0	0	0	0
Ratfish.....	0	0	0	0	0	3	11	7	83	22
Pac. Ocean perch.....	1110487 1/	365066	393053	384278	348283	409526	432166	293148	497651	361251
Nominal POP.....	2/	306842	553919	549733	628299	804019	737407	763234	997904	526718
Rockfish, widow.....	3/	2669839	2370142	2573024	4479950	3385946	3923316	3162354	2619408	2873690
Rockfish, yellowtail..	3/	3/	757761	1009811	1195564	1398018	1099739	1103934	1164469	2608814

11

TABLE 3B. ESTIMATED VALUE (\$), AT THE FISHERMAN'S LEVEL, OF COMMERCIAL FISH AND SHELLFISH LANDINGS IN OREGON, 1983-1992. (CONT).

	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
Rkfsh, Sebastolobus...	3/	423407	590471	395216	482735	780096	2050440	3867991	3518127	4094329
Rockfish, other spp...	6040081	2887695	2595437	2324101	3472619	2899417	3134719	2177787	3290527	2892963
Sablefish.....	2213240	1704332	3334997	3593383	5084185	4349831	3834542	3587209	5228787	5712658
Salmon, chinook.....	1883384	3051415	6739449	8257436	21496898	26842749	10659401	8067575	2931283	3120564
Salmon, chum.....	581	5771	1278	2983	6412	10650	2144	2745	560	684
Salmon, coho.....	1091541	1377374	1794040	6706363	4911333	11710396	3454954	1381662	2824751	410281
Salmon, pink.....	174	0	168007	6	69432	10	13111	0	4062	14
Salmon, sockeye.....	2021	90870	154038	16448	186607	126280	30	0	0	7
Sanddab, Pacific.....	169939	200063	120456	109827	171223	79358	41369	121140	217731	182641
Sculpin.....	0	0	0	0	0	0	1	0	1	0
Irish lord, brown.....	0	0	0	0	0	0	1	1	4	0
Irish lord, red.....	0	0	0	0	0	1	1	14	2	15
Sculpin, buffalo.....	0	0	0	0	0	2	1	1	5	5
Shad, American.....	73453	25055	26161	65820	72841	93575	73650	87987	30336	76704
Shark, blue.....	0	0	0	0	0	0	0	56	97	86
Shark, sixgill.....	0	0	0	0	0	0	74	89	150	7
Shark, soupfin.....	6579	4155	4536	4761	12203	2751	3114	2716	3129	3657
Shark, spiny dogfish..	190	0	29	77	83	191	333	2032	18562	4712
Shark, thresher.....	0	0	2092	418389	155758	135189	49	541	0	1068
Shark, other.....	3603	507	792	756	2887	39	95	187	31	0
Skates and rays.....	33112	10234	2694	5964	6714	1461	2654	638	2026	549
Skilfish.....	0	0	0	0	0	0	0	0	0	147
Smelt.....	10123	8712	97504	8898	12357	12286	6118	874	1134	2676
Smelt, whitebait.....	0	0	0	0	0	0	1451	0	56	0
Sole, butter.....	2685	437	172	216	2650	173	617	0	273	3
Sole, curlfin (turbot)	2889	1928	1480	1635	3220	2232	1907	172	775	266
Sole, Dover.....	4227393	3193735	3159418	2826905	4183821	5216455	5472600	4531282	5974060	3739372
Sole, English.....	650712	319973	342424	439727	533197	500736	562838	350404	619454	429459
Sole, flathead.....	5459	3861	10588	1977	494	7946	2755	5134	1923	4921
Sole, petrale.....	1697737	1092850	935803	1198128	1552777	1661977	1589975	1358331	1688778	1358558

TABLE 3B. ESTIMATED VALUE (\$), AT THE FISHERMAN'S LEVEL, OF COMMERCIAL FISH AND SHELLFISH LANDINGS IN OREGON, 1983-1992. (CONT).

	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
Sole, rex.....	466922	401101	291065	225868	248298	285241	227305	159212	303914	219884
Sole, rock.....	2834	1435	389	4455	1061	3022	2112	1510	1205	254
Sole, sand.....	414482	295994	305618	346101	366779	261004	363872	347112	473235	278892
Sole, slender.....	0	0	2	0	0	0	0	0	0	0
Steelhead.....	62006	590805	212324	199135	351209	382736	136572	132846	71958	155989
Sturgeon eggs.....	0	0	0	0	0	0	0	0	0	800
Sturgeon, green.....	7478	25093	14946	43938	34320	32296	5444	6831	17542	10989
Sturgeon, white.....	335821	548411	447939	771315	714606	424259	385225	376839	219431	270484
Sucker, bridgelip.....	0	0	0	0	0	0	0	0	139	228
Sucker, largescale.....	0	0	0	0	0	0	1	0	0	7
Sunfish, ocean.....	49	0	0	0	0	5	0	0	0	0
Surfperch.....	1286	2027	1963	1638	1748	3105	2810	3540	1748	3529
Tomcod, Pacific.....	9	0	0	0	0	31	0	0	0	0
Tuna, albacore.....	1881210	863819	814322	903940	1675345	3327289	887241	1669613	975651	3959865
Tuna, other.....	89	184	0	125	9	65	0	0	0	0
Walleye.....	0	0	0	0	0	0	4649	1223	1362	2269
Whiting, Pac. (Hake)..	39486	6192	163209	37551	33054	41183	14625	219501	1396758	5067451
Wolf-eel.....	1262	1330	1485	1708	2304	1025	1471	946	535	689
Wrymouth.....	0	0	0	0	95	58	18	19	114	83
Miscellaneous.....4/	1	123	14	2491	13541	534	0	0	0	0
CRUSTACEANS:										
Barnacle, gooseneck...	0	0	0	0	0	8	1938	7	19	0
Crab, box.....	10828	145762	46588	1530	10	0	108	5120	6235	603
Crab, Dungeness, ocean	7934349	7743272	10740671	6588060	8351876	11276973	13564259	14554833	7462334	13387799
Crab, hermit.....	0	0	0	0	0	0	0	11	9	0
Crab, kelp.....	0	0	0	0	0	0	0	0	0	16
Crab, mole.....	0	0	0	0	0	70	8	0	0	0
Crab, rock.....	0	0	1552	0	5321	7772	4037	4643	4907	204
Crab, tanner.....	1552	0	17	0	242	0	16	0	9	9
Crayfish.....	128710	107039	201763	225500	470458	415895	318466	211411	149494	107171

TABLE 3B. ESTIMATED VALUE (\$), AT THE FISHERMAN'S LEVEL, OF COMMERCIAL FISH AND SHELLFISH LANDINGS IN OREGON, 1983-1992. (CONT).

	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
Shrimp, brine.....	17115	24750	11250	22395	34650	39900	46260	62520	51300	37145
Shrimp, coonstripe....	0	0	0	0	0	0	0	0	111	0
Shrimp, ghost.....	51175	83922	237379	125400	135904	90038	97903	98412	150903	132328
Shrimp, mud.....	0	0	12782	16084	64882	66198	67123	86745	91671	65308
Shrimp, pink.....	4656160	2148290	5241302	18105897	30272202	17149668	17906265	15628757	12069476	17186998
Shrimp, spot.....	0	0	0	0	0	0	259	0	0	0
Water flea (Daphnia)..	0	0	0	0	0	0	3000	0	0	0
MOLLUSKS:										
Clams, butter.....	1642	1967	715	773	1422	1549	1547	1313	1722	1116
Clams, cockle.....	861	6286	11734	12757	5704	12075	20643	24504	27644	17232
Clams, gaper.....	29477	15783	5492	3488	1573	1176	1750	4083	2993	5339
Clams, littleneck.....	36620	48321	45219	28337	15716	8219	8951	11775	16285	16409
Clams, softshell.....	36	103	705	16	524	554	450	3377	8564	4491
Clams, razor.....	189	10417	114989	6058	64172	86831	87962	39487	73112	0
Mussels, ocean.....	17116	4198	30161	2069	26478	20075	21871	14388	5071	5848
Mussels, bay.....	55	0	0	0	0	0	0	0	0	0
Mussels, freshwater...	0	0	0	666	954	744	1094	2885	1447	15647
Octopus.....	7065	5500	4151	5571	14199	31282	8625	11532	10366	21478
Scallops, rock.....	0	0	0	0	0	0	10	1	0	203
Scallops, weathervane	778781	1016881	327922	47588	6406	12017	0	767	413	1415
Snails & chitons.....	0	0	0	0	0	0	0	0	2	0
Squid.....	79901	199936	318577	2685	3	1	7683	0	29	1607
OTHER INVERTEBRATES:										
Sand dollars.....	0	0	0	0	0	0	0	0	1	0
Sea anemone.....	0	0	0	0	0	0	0	0	1	0
Sea cucumber.....	0	0	0	0	0	0	0	0	1	0
Sea stars.....	0	0	0	0	0	0	0	0	2	0
Sea urchins.....	0	0	0	0	0	0	0	0	1	0
Sea urchins, purple...	0	0	0	0	0	0	0	0	0	65849

TABLE 3B. ESTIMATED VALUE (\$), AT THE FISHERMAN'S LEVEL, OF COMMERCIAL FISH AND SHELLFISH LANDINGS IN OREGON, 1983-1992. (CONT).

	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
Sea urchins, red.....	0	0	0	14708	51360	571083	2728272	4413286	3455874	2212906
Bloodworms.....	0	0	0	0	0	0	11	0	0	0
Worms, tube.....	0	5	535	0	0	314	773	0	0	0
TOTAL	38147769	33669821	45814646	61008990	94702340	97837159	77427102	71494182	62157885	74253988

1/ INCLUDES ROCKFISH SIMILAR IN APPEARANCE TO PACIFIC OCEAN PERCH.

3/ INCLUDED IN ROCKFISH, OTHER SPP.

2/ INCLUDED IN PACIFIC OCEAN PERCH.

4/ INCLUDES MINK FOOD, WALLEYE AND INCIDENTAL MARINE SPECIES.

TABLE 4. COMMERCIAL FISH AND SHELLFISH LANDINGS (POUNDS ROUND) BY PORT IN OREGON, 1992.

SPECIES	COLUMBIA		PACIFIC CITY	DEPOE BAY	WINCHESTER			PORT		GOLD		OTHER 2/ LOCATIONS	TOTAL		
	RIVER 1/ ASTORIA	GARIBALDI			NEWPORT	FLORENCE	BAY	CHARLESTON	BANDON	ORFORD	BEACH			BROOKINGS	
FISH:															
Cabezon.....	0	485	11	0	9091	2587	0	0	1628	0	1923	106	110	0	15941
Carp.....	218	0	0	0	0	0	0	0	0	0	0	0	0	0	218
Dace, speckled.....	0	0	0	0	0	0	0	0	0	0	0	0	0	66	66
Minnow, fathead.....	0	0	0	0	0	0	0	0	0	0	0	0	0	69	69
Shiner, redbside.....	0	0	0	0	0	0	0	0	0	0	0	0	0	154	154
Squawfish, northern...	0	0	0	0	0	0	0	0	0	0	0	0	0	32	32
Cod, Pacific.....	0	840802	12163	0	0	61404	122	0	2681	0	0	0	0	0	917172
Flounder, arrowtooth..	0	3949465	101228	0	0	232276	1050	57	234431	0	117	0	25312	0	4543936
Flounder, starry.....	527	127722	2373	0	0	15095	438	0	10366	0	0	0	68	0	156589
Greenling.....	0	0	0	0	0	6	0	0	26	0	0	0	3	0	35
Grenadier.....	0	0	0	0	0	3762	0	0	301647	0	0	0	5050	0	310459
Hagfish.....	0	6936	0	0	0	0	0	0	478766	10523	255056	0	0	0	751281
Halibut, California...	0	0	0	0	0	16	0	0	0	0	0	0	0	0	16
Halibut, Pacific.....	0	592544	161	54	721	61622	5946	796	22821	0	17235	0	9974	0	711874
Herring, Pacific.....	0	808	0	0	0	433392	0	3000	0	0	0	0	0	0	437200
Lamprey.....	0	0	0	0	0	0	0	0	0	0	0	0	0	9089	9089
Lingcod.....	0	710971	49855	24007	13855	300850	1480	3474	360865	42	28221	4853	69498	50	1568021
Mackerel.....	0	599661	540	31	37	1114703	4	0	0	0	0	0	1965	0	1716941
Pollock, walleye.....	0	120	0	0	0	0	0	0	0	0	0	0	0	0	120
Ratfish.....	0	217	0	0	0	36	0	0	0	0	0	0	0	0	253
Pac. Ocean perch.....	0	958422	11302	0	0	209638	0	0	6707	0	6	0	0	0	1186075
Nominal POP.....	0	101454	141166	0	0	1069572	236	56	639094	0	4751	0	24604	0	1980933
Rockfish, widow.....	0	4258236	262015	125	72	3934856	22	0	2057295	0	5019	101	493986	0	11011727
Rockfish, yellowtail..	0	3095687	258476	0	124	3303907	2708	24	1565762	0	103530	1005	42943	0	8374166
Rkfish, Sebastolobus...	0	2494683	101819	0	0	2356428	916	0	4027562	0	0	0	456692	0	9438100
Rockfish, other spp...	0	2906711	247734	113204	12738	2930482	9977	4599	1610601	14075	393047	23497	310836	614	8578115
Sablefish.....	0	2539037	137474	0	0	2157981	104586	169162	2612133	0	353268	0	652634	0	8726275

TABLE 4. COMMERCIAL FISH AND SHELLFISH LANDINGS (POUNDS ROUND) BY PORT IN OREGON, 1992. (CONT.)

SPECIES	COLUMBIA			PACIFIC			WINCHESTER			PORT		GOLD		OTHER 2/		TOTAL
	RIVER 1/	ASTORIA	GARIBALDI	CITY	DEPOE BAY	NEWPORT	FLORENCE	BAY	CHARLESTON	BANDON	ORFORD	BEACH	BROOKINGS	LOCATIONS		
Salmon, chinook.....	512141	18320	107450	16664	8603	768364	116420	60887	56671	2766	6240	0	1329	1096	1676951	
Salmon, chum.....	2751	0	29	0	0	6	0	0	0	0	0	0	0	0	2786	
Salmon, coho.....	208838	3377	26397	11772	2472	126745	32980	16246	13365	810	0	0	0	3452	446454	
Salmon, pink.....	0	0	14	0	0	5	0	0	0	0	0	0	0	0	19	
Salmon, sockeye.....	11	0	0	0	0	0	0	0	0	0	0	0	0	0	11	
Sanddab, Pacific.....	0	148405	4952	0	0	66689	124864	993	299881	0	0	0	758	0	646542	
Sardine, Pacific.....	0	4329	0	0	0	4239	0	0	0	0	0	0	0	0	8568	
Irish lord, red.....	0	0	0	0	0	2	0	0	0	0	0	0	0	0	2	
Sculpin, buffalo.....	0	0	0	0	0	2	0	0	0	0	0	0	0	0	2	
Shad, American.....	394352	6266	0	0	0	393	0	28623	0	0	0	0	0	0	429634	
Shark, blue.....	0	79	0	0	0	46	0	0	0	0	0	0	0	0	125	
Shark, sixgill.....	0	0	0	0	0	0	0	0	13	0	0	0	0	0	13	
Shark, soupfin.....	0	2111	0	0	96	1150	195	78	736	0	49	0	173	0	4588	
Shark, spiny dogfish..	0	52195	0	0	0	69004	0	0	351	0	0	0	25	0	121575	
Shark, thresher.....	0	1306	0	0	0	0	0	0	0	0	0	0	0	0	1306	
Skates and rays.....	0	295	0	0	30	946	574	0	1399	0	0	0	0	0	3244	
Skilfish.....	0	147	0	0	0	0	0	0	0	0	0	0	0	0	147	
Smelt.....	2644	0	0	0	0	0	0	1100	0	0	0	0	527	0	4271	
Sole, butter.....	0	12	155	0	0	0	0	0	0	0	0	0	0	0	167	
Sole, curlfin (turbot)	0	0	0	0	0	457	100	0	291	0	0	0	0	0	848	
Sole, Dover.....	0	4955355	467847	0	0	2103977	16718	809	5308133	0	125	0	546203	0	13399167	
Sole, English.....	0	694340	37648	0	0	314122	19020	511	309533	0	0	0	8789	0	1383963	
Sole, flathead.....	0	18096	0	0	0	0	0	0	0	0	0	0	0	0	18096	
Sole, petrale.....	0	590964	79328	0	0	279596	5285	171	630107	0	28	0	114449	0	1699928	
Sole, rex.....	0	574930	17078	0	0	76745	190	0	38958	0	0	0	22911	0	730812	
Sole, rock.....	0	50	46	0	0	104	0	0	521	0	3	0	0	0	724	
Sole, sand.....	0	195077	22834	0	0	85664	4686	0	80103	0	0	0	360	0	388724	
Steelhead.....	237716	0	0	0	0	0	0	0	0	0	0	0	0	0	237716	
Sturgeon eggs.....	10	0	0	0	0	0	0	0	0	0	0	0	0	0	10	

TABLE 4. COMMERCIAL FISH AND SHELLFISH LANDINGS (POUNDS ROUND) BY PORT IN OREGON, 1992. (CONT.)

SPECIES	COLUMBIA			PACIFIC CITY	DEPOE BAY	WINCHESTER				PORT ORFORD	GOLD BEACH	OTHER 2/ LOCATIONS	TOTAL		
	RIVER 1/	ASTORIA	GARIBALDI			FLORENCE	BAY	CHARLESTON	BANDON						
Sturgeon, green.....	18745	1386	0	0	0	1767	54	0	605	0	0	0	0	22357	
Sturgeon, white.....	151023	76	0	0	0	200	64	0	654	0	0	0	0	152017	
Sucker, bridgelip.....	0	0	0	0	0	0	0	0	0	0	0	0	331	331	
Sucker, largescale....	0	0	0	0	0	0	0	0	0	0	0	0	14	14	
Surfperch.....	0	0	0	0	0	2638	0	0	0	0	0	958	0	3596	
Tuna, albacore.....	0	877460	102162	0	334	2287554	22246	150494	351014	0	1600	15791	86963	0	3895618
Walleye.....	2984	0	0	0	0	0	0	0	0	0	0	0	0	2984	
Whiting, Pac. (Hake)..	0	23505282	2798	0	0	84409704	0	0	21688	0	0	0	0	107939472	
Wolf-eel.....	0	180	83	0	386	182	0	0	521	0	155	0	0	1507	
Wrymouth, Giant.....	0	389	0	0	0	0	0	0	0	0	0	0	0	389	
CRUSTACEANS:															
Crab, box.....	0	0	0	0	0	533	0	0	87	0	0	0	0	620	
Crab, Dungeness, bay..	0	0	0	22	0	2781	67	8086	64791	466	0	313	0	20657	97183
Crab, Dungeness, ocean	0	3703009	405960	4675	91164	2578905	256627	523419	1251073	2717	534753	2000	2456617	0	11810919
Crab, kelp.....	0	0	0	0	0	8	0	0	0	0	0	0	0	8	
Crab, rock.....	0	0	0	0	0	174	0	0	113	0	0	0	0	287	
Crab, tanner.....	0	0	0	0	0	9	0	0	0	0	0	0	0	9	
Crayfish.....	0	0	0	0	0	0	0	0	0	0	0	0	0	93058	93058
Shrimp, brine.....	0	0	0	0	0	0	0	0	0	0	0	0	0	43700	43700
Shrimp, ghost.....	0	0	1966	2574	0	0	77	0	3638	0	0	0	0	92344	100399
Shrimp, mud.....	0	0	250	0	0	0	0	0	135	0	0	0	0	50756	51141
Shrimp, pink.....	0	8433281	2873895	0	0	12340148	13096	13764	15963632	34483	29935	0	8331022	0	48033256
MOLLUSKS:															
Clams, butter.....	0	0	601	0	0	0	0	0	382	0	0	0	0	0	983
Clams, cockle.....	0	0	32024	0	0	0	0	0	2459	0	0	0	0	3001	37484
Clams, gaper.....	0	0	0	0	0	6261	0	0	3090	0	0	0	0	0	9351
Clams, littleneck.....	0	0	4241	0	0	0	0	0	25	0	0	0	0	6014	10280

TABLE 4. COMMERCIAL FISH AND SHELLFISH LANDINGS (POUNDS ROUND) BY PORT IN OREGON, 1992. (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, softshell.....	0	0	25	0	0	0	0	6095	0	117	0	0	0	0	6237
Mussels, ocean.....	0	0	0	0	0	474	1657	19895	50	0	0	0	0	396	22472
Mussels, freshwater...	0	0	0	0	0	0	0	0	0	0	0	0	0	22715	22715
Octopus.....	0	5293	287	0	102	3975	73	29	1537	0	1993	0	6880	0	20169
Scallops, rock.....	0	0	0	0	0	0	0	0	29	0	0	0	0	0	29
Scallops, weathervane	0	0	0	0	0	0	0	0	1944	0	0	0	0	0	1944
Squid.....	0	657	0	0	0	960	0	0	11727	0	0	0	0	0	13344
OTHER INVERTEBRATES:															
Sea urchins, purple...	0	0	0	0	80515	0	0	0	16279	0	89	0	0	0	96883
Sea urchins, red.....	0	0	0	0	492766	55880	0	0	86354	0	1696106	382980	143306	0	2857392
TOTAL	1531960	66976628	5514387	173128	713106	123779022	742478	1012368	38453874	65999	3433249	430646	13814945	347608	256989398

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 5. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH IN OREGON, 1992.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Cabezon.....	58	501	2957	2981	2335	1627	1760	1548	672	1045	457	0	15941
Carp.....	0	0	0	0	0	0	0	207	11	0	0	0	218
Dace, speckled.....	0	0	2	2	14	34	14	0	0	0	0	0	66
Minnow, fathead.....	5	0	7	0	2	0	0	0	0	25	30	0	69
Shiner, redbside.....	0	0	16	3	36	72	27	0	0	0	0	0	154
Squawfish, northern...	0	0	3	5	13	0	11	0	0	0	0	0	32
Cod, Pacific.....	28473	21872	27881	26082	169222	256659	192705	102278	46786	19885	10571	14758	917172
Flounder, arrowtooth..	97061	115364	347125	195765	708062	981291	700827	554138	525570	142364	103644	72725	4543936
Flounder, starry.....	58	609	6748	4510	10809	27787	43431	30233	13002	18092	1298	12	156589
Greenling.....	0	0	2	2	4	3	0	1	20	3	0	0	35
Grenadier.....	15017	15236	31734	14800	28466	59709	36170	34081	32848	18653	16606	7139	310459
Hagfish.....	67884	145753	192907	122340	68256	22743	8271	58227	39856	0	14619	10425	751281
Halibut, California...	0	0	0	0	0	16	0	0	0	0	0	0	16
Halibut, Pacific.....	95	254	0	0	177	308943	78415	135193	115823	72974	0	0	711874
Herring, Pacific.....	0	57370	373447	0	0	0	3000	84	2742	557	0	0	437200
Lamprey.....	0	0	0	0	0	9089	0	0	0	0	0	0	9089
Lingcod.....	40801	105255	119692	107636	200232	191319	293435	208750	111651	101766	61004	26480	1568021
Mackerel.....	0	0	0	0	19130	77192	128139	396400	812052	284028	0	0	1716941
Pollock, walleye.....	0	0	120	0	0	0	0	0	0	0	0	0	120
Ratfish.....	0	0	217	0	0	0	0	0	0	36	0	0	253
Pac. Ocean perch.....	79074	72151	102770	69083	125092	151605	182500	131796	101349	83940	41307	45408	1186075
Nominal POP.....	136807	187218	209485	62230	227369	132041	164021	176369	191612	159354	153455	180972	1980933
Rockfish, widow.....	1223935	1570651	1144916	743406	847262	787779	1050335	905030	1090153	423762	263078	961420	11011727
Rockfish, yellowtail..	780938	1477540	997401	757671	713291	896938	966724	427557	514352	361973	260996	218785	8374166
Rkfish, Sebastolobus...	760595	853464	1384406	436905	759582	1197822	1050862	879794	807023	543758	492386	271503	9438100
Rockfish, other spp...	523211	601489	861815	693680	1049408	1120395	1123710	816435	684318	475427	338490	289737	8578115
Sablefish.....	369693	354140	1151861	479448	2636264	666195	564377	580734	800124	458561	408903	255975	8726275
Salmon, chinook.....	0	70890	274	833	231261	26956	262421	323702	503376	257238	0	0	1676951
Salmon, chum.....	0	0	0	0	0	0	0	0	0	2786	0	0	2786

TABLE 5. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH IN OREGON, 1992. (CONT.)

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
Salmon, coho.....	0	63	0	0	0	0	83527	155307	98698	108859	0	0	446454
Salmon, pink.....	0	0	0	0	0	0	0	19	0	0	0	0	19
Salmon, sockeye.....	0	0	0	0	0	0	0	11	0	0	0	0	11
Sanddab, Pacific.....	6204	43381	106542	171902	42703	22350	37291	51560	60977	46810	54323	2499	646542
Sardine, Pacific.....	0	0	0	0	0	0	1	55	8210	302	0	0	8568
Irish lord, red.....	0	0	0	0	2	0	0	0	0	0	0	0	2
Sculpin, buffalo.....	0	0	0	0	0	0	0	2	0	0	0	0	2
Shad, American.....	0	0	0	0	168348	254629	1052	2846	1767	992	0	0	429634
Shark, blue.....	0	0	0	0	0	0	75	50	0	0	0	0	125
Shark, sixgill.....	0	0	0	0	0	0	0	13	0	0	0	0	13
Shark, soupfin.....	341	1078	173	55	454	497	668	213	196	224	447	242	4588
Shark, spiny dogfish..	951	50	0	0	55	0	6451	56054	11293	32125	2293	12303	121575
Shark, thresher.....	0	0	0	0	0	0	52	878	376	0	0	0	1306
Skates and rays.....	0	749	912	21	187	34	54	46	285	325	588	43	3244
Skilfish.....	0	0	147	0	0	0	0	0	0	0	0	0	147
Smelt.....	0	2493	151	0	100	500	500	527	0	0	0	0	4271
Sole, butter.....	0	0	0	0	12	0	0	99	56	0	0	0	167
Sole, curlfin (turbot)	0	0	0	0	119	368	132	2	11	9	207	0	848
Sole, Dover.....	828631	888163	2535708	1409291	1078263	1097053	858227	838397	1143114	1012941	1027230	682149	13399167
Sole, English.....	67964	121881	138975	46259	148618	104508	160363	155997	185545	139079	59922	54852	1383963
Sole, flathead.....	0	922	100	16	7	5585	3951	5672	1312	115	0	416	18096
Sole, petrale.....	435187	168091	94862	38539	76600	60743	71424	64353	62788	70451	177741	379149	1699928
Sole, rex.....	40434	110905	89017	22336	86341	87580	64831	51144	79409	52874	24380	21561	730812
Sole, rock.....	17	0	83	38	29	314	41	71	9	94	14	14	724
Sole, sand.....	1364	185	10323	6555	44017	82548	71318	70751	62129	33613	5921	0	388724
Steelhead.....	0	4260	5073	0	0	0	0	69910	139432	19041	0	0	237716
Sturgeon eggs.....	0	10	0	0	0	0	0	0	0	0	0	0	10
Sturgeon, green.....	72	46	103	52	930	330	86	289	19044	1351	54	0	22357
Sturgeon, white.....	3320	46293	2608	6713	267	95	6818	496	58441	22698	4268	0	152017
Sucker, bridgelip.....	0	0	39	98	194	0	0	0	0	0	0	0	331

TABLE 5. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH IN OREGON, 1992. (CONT.)

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
Sucker, largescale....	0	0	0	0	0	14	0	0	0	0	0	0	14
Surfperch.....	0	0	374	436	197	493	1731	181	12	172	0	0	3596
Tuna, albacore.....	0	0	0	0	0	0	25328	1946010	1403024	483466	37790	0	3895618
Walleye.....	0	323	846	0	0	0	0	466	582	767	0	0	2984
Whiting, Pac. (Hake)..	0	0	8	1993242	9589818	14222400	17361695	20222709	24861199	19688401	0	0	107939472
Wolf-eel.....	0	30	85	145	253	440	148	260	97	26	23	0	1507
Wrymouth, Giant.....	0	0	0	0	50	271	54	0	0	0	0	14	389
CRUSTACEANS:													
Crab, box.....	0	12	87	0	2	26	98	6	228	161	0	0	620
Crab, Dungeness, bay..	8	0	0	0	0	0	0	0	38828	43568	14281	498	97183
Crab, Dungeness, ocean	3033492	943495	354510	195240	180084	206182	346772	263075	118	0	0	6287951	11810919
Crab, kelp.....	8	0	0	0	0	0	0	0	0	0	0	0	8
Crab, rock.....	85	63	0	0	0	0	26	0	113	0	0	0	287
Crab, tanner.....	0	0	0	0	0	0	0	0	0	9	0	0	9
Crayfish.....	0	0	0	8859	18987	26965	14873	9746	8574	5054	0	0	93058
Shrimp, brine.....	0	0	0	0	22800	9900	11000	0	0	0	0	0	43700
Shrimp, ghost.....	6667	5785	7756	9600	13966	8935	8778	7988	10082	11784	5546	3512	100399
Shrimp, mud.....	6649	5794	12087	7419	2857	1176	1731	1001	1106	2233	3009	6079	51141
Shrimp, pink.....	0	0	0	10410311	4491657	7359004	9301995	7606983	5180622	3682684	0	0	48033256
MOLLUSKS:													
Clams, butter.....	0	0	60	40	440	65	165	0	155	7	0	51	983
Clams, cockle.....	3393	0	200	3616	5803	1859	4765	3005	2051	392	6272	6128	37484
Clams, gaper.....	0	0	0	0	0	0	2113	3608	1206	1542	882	0	9351
Clams, littleneck.....	0	0	260	275	580	1128	2438	2809	1852	811	0	127	10280
Clams, softshell.....	556	516	631	316	643	580	780	704	568	412	148	383	6237
Mussels, ocean.....	2405	3772	7510	3327	3105	1097	0	111	495	50	0	600	22472
Mussels, freshwater...	0	0	14720	0	0	0	0	3127	4868	0	0	0	22715
Octopus.....	1912	1258	1360	1561	1402	1777	2684	2214	1657	2106	97	2141	20169
Scallops, rock.....	0	0	0	0	0	29	0	0	0	0	0	0	29

TABLE 5. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH IN OREGON, 1992. (CONT.)

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
Scallops, weathervane	0	0	1944	0	0	0	0	0	0	0	0	0	1944
Squid.....	0	0	0	0	11727	145	216	84	856	164	152	0	13344
OTHER INVERTEBRATES:													
Sea urchins, purple...	0	0	89	0	623	0	0	0	26165	45622	17809	6575	96883
Sea urchins, red.....	167240	233075	357597	312608	382080	130445	355863	168160	128385	178416	228945	214578	2857392
TOTAL	8730605	8232450	10700726	18366252	24170607	30606280	35661270	37529566	39999275	29115977	3839186	10037204	256989398

TABLE 6. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH FROM THE COLUMBIA RIVER, 1992. 1/

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
BELOW BONNEVILLE DAM													
FISH:													
Flounder, starry.....	0	399	0	0	9	0	0	71	48	0	0	0	527
Salmon, chinook.....	0	70890	0	833	2515	0	0	7270	201648	35231	0	0	318387
Salmon, chum.....	0	0	0	0	0	0	0	0	0	2751	0	0	2751
Salmon, coho.....	0	0	0	0	0	0	0	1291	97053	108182	0	0	206526
Shad, American.....	0	0	0	0	153739	240613	0	0	0	0	0	0	394352
Smelt.....	0	2493	151	0	0	0	0	0	0	0	0	0	2644
Sturgeon, green.....	0	46	0	0	0	0	0	0	18605	94	0	0	18745
Sturgeon, white.....	0	26606	0	114	267	0	0	151	58113	21983	0	0	107234
TOTAL	0	100434	151	947	156530	240613	0	8783	375467	168241	0	0	1051166
ABOVE BONNEVILLE DAM													
FISH:													
Carp.....	0	0	0	0	0	0	0	207	11	0	0	0	218
Salmon, chinook.....	0	0	274	0	0	0	0	6125	164852	22503	0	0	193754
Salmon, coho.....	0	63	0	0	0	0	0	5	1637	607	0	0	2312
Salmon, sockeye.....	0	0	0	0	0	0	0	11	0	0	0	0	11
Steelhead.....	0	4260	5073	0	0	0	0	69910	139432	19041	0	0	237716
Sturgeon eggs.....	0	10	0	0	0	0	0	0	0	0	0	0	10
Sturgeon, white.....	3320	19687	2608	6563	0	0	6668	0	0	675	4268	0	43789
Walleye.....	0	323	846	0	0	0	0	466	582	767	0	0	2984
TOTAL	3320	24343	8801	6563	0	0	6668	76724	306514	43593	4268	0	480794
TOTAL	3320	124777	8952	7510	156530	240613	6668	85507	681981	211834	4268	0	1531960

1/ OREGON LANDINGS ONLY.

TABLE 7. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH AT ASTORIA, 1992. 1/ 2/

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Cabezon.....	0	0	0	0	50	0	325	110	0	0	0	0	485
Cod, Pacific.....	24230	14942	25015	24420	158415	242337	183932	93899	39863	16252	6371	11126	840802
Flounder, arrowtooth..	62536	74022	300505	161543	639109	918281	660981	500964	436306	82444	57023	55751	3949465
Flounder, starry.....	6	210	6630	4478	9261	22187	36343	24232	9946	13384	1045	0	127722
Hagfish.....	0	0	0	0	0	6936	0	0	0	0	0	0	6936
Halibut, Pacific.....	0	0	0	0	0	308902	16228	78644	115796	72974	0	0	592544
Herring, Pacific.....	0	0	0	0	0	0	0	54	482	272	0	0	808
Lingcod.....	17832	30714	32382	55681	83314	86106	184237	104644	60248	35204	10479	10130	710971
Mackerel.....	0	0	0	0	0	0	36403	155750	316666	90842	0	0	599661
Pollock, walleye.....	0	0	120	0	0	0	0	0	0	0	0	0	120
Ratfish.....	0	0	217	0	0	0	0	0	0	0	0	0	217
Pac. Ocean perch.....	60457	42677	79011	60897	105957	128537	160504	109984	77208	61665	32301	39224	958422
Nominal POP.....	11774	6562	7612	6345	17887	9654	11345	7641	4641	11358	1714	4921	101454
Rockfish, widow.....	526378	376451	246833	305359	219082	159704	359822	470739	772172	282985	146743	391968	4258236
Rockfish, yellowtail..	201584	285826	302369	329613	323503	386434	368284	226642	271187	210860	93543	95842	3095687
Rkfish, Sebastolobus...	104507	101764	221921	199752	161236	302685	372708	346000	295999	224530	100001	63580	2494683
Rockfish, other spp...	146884	130212	239867	293004	417168	421370	358814	279231	232946	136045	120324	130846	2906711
Sablefish.....	102247	87937	264610	226539	578692	202458	197343	195525	348389	150674	95796	88827	2539037
Salmon, chinook.....	0	0	0	0	5029	11298	356	543	476	618	0	0	18320
Salmon, coho.....	0	0	0	0	0	0	1157	2150	0	70	0	0	3377
Sanddab, Pacific.....	4678	25281	32552	8956	17920	7217	3364	8735	15990	17047	6285	380	148405
Sardine, Pacific.....	0	0	0	0	0	0	1	55	4086	187	0	0	4329
Shad, American.....	0	0	0	0	0	0	1052	2844	1648	722	0	0	6266
Shark, blue.....	0	0	0	0	0	0	29	50	0	0	0	0	79
Shark, soupfin.....	231	296	150	15	202	276	596	162	0	0	60	123	2111
Shark, spiny dogfish..	600	50	0	0	30	0	6426	1168	8691	20634	2293	12303	52195
Shark, thresher.....	0	0	0	0	0	0	52	878	376	0	0	0	1306
Skates and rays.....	0	0	0	0	0	0	24	46	163	62	0	0	295
Skilfish.....	0	0	147	0	0	0	0	0	0	0	0	0	147

TABLE 7. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH AT ASTORIA, 1992. 1/ 2/ (CONT.)

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
Sole, butter.....	0	0	0	0	12	0	0	0	0	0	0	0	12
Sole, Dover.....	278368	294636	1118524	934802	397082	363553	326805	193201	245245	234416	282275	286448	4955355
Sole, English.....	25045	80155	59555	14955	85621	53143	114855	77378	105717	56378	12257	9281	694340
Sole, flathead.....	0	922	100	16	7	5585	3951	5672	1312	115	0	416	18096
Sole, petrale.....	193297	77038	34051	5324	21102	26483	38106	20204	25457	16661	19648	113593	590964
Sole, rex.....	22757	90928	66367	17112	73352	77142	59391	43075	63328	39289	8718	13471	574930
Sole, rock.....	0	0	0	33	0	0	0	0	3	0	0	14	50
Sole, sand.....	102	110	9530	6182	31891	37009	25055	18891	39957	21715	4635	0	195077
Sturgeon, green.....	0	0	103	52	691	79	86	56	295	0	24	0	1386
Sturgeon, white.....	0	0	0	36	0	0	0	0	0	40	0	0	76
Tuna, albacore.....	0	0	0	0	0	0	409	455979	248801	167556	4715	0	877460
Whiting, Pac. (Hake)..	0	0	0	0	628735	192324	2505371	7093767	6917046	6168039	0	0	23505282
Wolf-eel.....	0	22	8	16	42	40	42	10	0	0	0	0	180
Wrymouth, Giant.....	0	0	0	0	50	271	54	0	0	0	0	14	389
CRUSTACEANS:													
Crab, Dungeness, ocean	1150845	303815	124123	44134	47911	27901	41263	27420	0	0	0	1935597	3703009
Shrimp, pink.....	0	0	0	1282370	1012609	1039405	1586955	1068778	1348175	1094989	0	0	8433281
MOLLUSKS:													
Octopus.....	18	192	151	264	753	897	1516	618	503	369	12	0	5293
Squid.....	0	0	0	0	0	134	216	84	18	53	152	0	657
OTHER INVERTEBRATES:													
TOTAL	2934376	2024762	3172453	3981898	5036713	5038348	7664401	11615823	12009136	9228449	1006414	3263855	66976628

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, 1992.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Rockfish, other spp...	0	0	0	0	0	0	9	16	0	0	0	0	25
Salmon, chinook.....	0	0	0	0	0	0	108	70	0	0	0	0	178
Salmon, coho.....	0	0	0	0	0	0	228	779	0	0	0	0	1007
TOTAL	0	0	0	0	0	0	345	865	0	0	0	0	1210

TABLE 7B. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH AT CANNON BEACH, 1992.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Lingcod.....	0	0	0	0	0	0	40	10	0	0	0	0	50
Rockfish, other spp...	0	0	0	0	0	0	589	0	0	0	0	0	589
Salmon, chinook.....	0	0	0	0	0	0	142	663	0	0	0	0	805
Salmon, coho.....	0	0	0	0	0	0	720	1634	0	0	0	0	2354
TOTAL	0	0	0	0	0	0	1491	2307	0	0	0	0	3798

TABLE 8. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH AT NEHALEM BAY, 1992.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
CRUSTACEANS:													
Shrimp, ghost.....	111	73	76	95	153	136	166	130	226	1332	276	84	2858
Shrimp, mud.....	0	0	0	0	0	0	0	0	0	0	0	22	22
MOLLUSKS:													
Clams, cockle.....	0	0	0	0	0	0	1362	0	0	0	0	0	1362
Clams, littleneck.....	0	0	0	0	150	756	1577	2459	1072	0	0	0	6014
TOTAL	111	73	76	95	303	892	3105	2589	1298	1332	276	106	10256

TABLE 9. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH AT GARIBALDI, 1992.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Cabezon.....	0	0	0	0	11	0	0	0	0	0	0	0	11
Cod, Pacific.....	890	916	922	916	1475	2248	2050	305	658	581	273	929	12163
Flounder, arrowtooth..	9954	10072	19562	18981	15268	5147	76	2	6104	3445	11254	1363	101228
Flounder, starry.....	0	0	37	8	217	288	605	682	469	59	8	0	2373
Halibut, Pacific.....	0	0	0	0	0	0	32	129	0	0	0	0	161
Lingcod.....	663	4802	2844	9786	12319	6988	6579	1658	1610	1316	323	967	49855
Mackerel.....	0	0	0	0	0	311	47	182	0	0	0	0	540
Pac. Ocean perch.....	3570	3398	168	0	0	3369	797	0	0	0	0	0	11302
Nominal POP.....	9129	18543	12833	5444	18700	29979	24541	1325	3922	5762	5374	5614	141166
Rockfish, widow.....	33004	51165	59699	3227	26431	36411	34808	857	3374	1659	1578	9802	262015
Rockfish, yellowtail..	30156	57229	35725	7385	1838	28347	38005	1598	7432	10486	12036	28239	258476
Rkfish, Sebastolobus...	5872	10361	37691	6870	6578	3884	10611	21	8426	2018	7056	2431	101819
Rockfish, other spp...	8154	8188	14897	24829	20170	37163	49952	19237	34863	14597	3672	12012	247734
Sablefish.....	7778	11388	30792	13767	12153	7957	9046	1183	12746	6534	14438	9692	137474
Salmon, chinook.....	0	0	0	0	3837	1950	3036	22569	35743	40315	0	0	107450
Salmon, chum.....	0	0	0	0	0	0	0	0	0	29	0	0	29
Salmon, coho.....	0	0	0	0	0	0	2157	24232	8	0	0	0	26397
Salmon, pink.....	0	0	0	0	0	0	0	14	0	0	0	0	14
Sanddab, Pacific.....	0	0	351	985	677	44	0	687	714	232	420	842	4952
Sole, butter.....	0	0	0	0	0	0	0	99	56	0	0	0	155
Sole, Dover.....	17544	21967	115314	80623	41850	21984	17092	1208	33834	21425	57444	37562	467847
Sole, English.....	898	552	1722	1170	2334	2716	2365	3849	3063	5414	5719	7846	37648
Sole, petrale.....	19165	2989	3123	3953	2211	1185	1315	2559	1711	3436	14761	22920	79328
Sole, rex.....	2005	1766	2432	2332	2271	1903	357	78	457	1010	1167	1300	17078
Sole, rock.....	0	0	46	0	0	0	0	0	0	0	0	0	46
Sole, sand.....	0	0	174	86	7146	2417	5441	3888	2924	707	51	0	22834
Tuna, albacore.....	0	0	0	0	0	0	0	39404	56849	5909	0	0	102162
Whiting, Pac. (Hake)..	0	0	0	0	0	2798	0	0	0	0	0	0	2798
Wolf-eel.....	0	0	23	0	10	0	0	50	0	0	0	0	83

TABLE 9. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH AT GARIBALDI, 1992.

(CONT.)

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
CRUSTACEANS:													
Crab, Dungeness, ocean	50949	53675	23275	12251	30543	42031	46336	26149	0	0	0	120751	405960
Shrimp, ghost.....	66	107	274	207	343	244	338	187	154	11	35	0	1966
Shrimp, mud.....	0	0	50	0	0	0	200	0	0	0	0	0	250
Shrimp, pink.....	0	0	0	632786	409059	357302	511511	377980	272179	313078	0	0	2873895
MOLLUSKS:													
Clams, butter.....	0	0	0	0	440	0	100	0	35	0	0	26	601
Clams, cockle.....	3393	0	0	2525	4213	1859	3403	2352	2051	371	5729	6128	32024
Clams, littleneck.....	0	0	253	275	430	372	857	350	770	807	0	127	4241
Clams, softshell.....	0	0	0	0	0	0	0	0	0	0	0	25	25
Octopus.....	40	0	0	24	156	0	0	0	55	12	0	0	287
TOTAL	203230	257118	362207	828430	620680	598897	771657	532834	490207	439213	141338	268576	5514387

TABLE 10. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH AT NETARTS BAY, 1992.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Salmon, chinook.....	0	0	0	0	0	0	0	113	0	0	0	0	113
Salmon, coho.....	0	0	0	0	0	0	0	91	0	0	0	0	91
CRUSTACEANS:													
Shrimp, ghost.....	0	0	134	157	0	0	0	0	0	0	0	0	291
Shrimp, mud.....	6402	5187	11625	7199	2800	1152	1531	1001	1106	2233	3009	6009	49254
MOLLUSKS:													
Clams, cockle.....	0	0	0	0	0	0	0	526	0	0	543	0	1069
TOTAL	6402	5187	11759	7356	2800	1152	1531	1731	1106	2233	3552	6009	50818

TABLE 11. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH AT PACIFIC CITY, 1992.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Halibut, Pacific.....	0	0	0	0	0	0	54	0	0	0	0	0	54
Lingcod.....	797	3059	3849	1455	1863	2171	2424	1577	1697	325	3641	1149	24007
Mackerel.....	0	0	0	0	0	0	31	0	0	0	0	0	31
Rockfish, widow.....	0	0	0	0	125	0	0	0	0	0	0	0	125
Rockfish, other spp...	253	2248	1308	5794	13539	17221	23133	22468	25335	1346	324	235	113204
Salmon, chinook.....	0	0	0	0	413	0	1794	3870	5058	5529	0	0	16664
Salmon, coho.....	0	0	0	0	0	0	1348	10424	0	0	0	0	11772
CRUSTACEANS:													
Crab, Dungeness, bay..	0	0	0	0	0	0	0	0	22	0	0	0	22
Crab, Dungeness, ocean	0	0	0	0	162	1225	2133	1155	0	0	0	0	4675
Shrimp, ghost.....	137	84	59	86	288	157	340	515	475	224	109	100	2574
TOTAL	1187	5391	5216	7335	16390	20774	31257	40009	32587	7424	4074	1484	173128

TABLE 12. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH AT SILETZ BAY, 1992.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 13. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH AT DEPOE BAY, 1992.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Cabezon.....	6	241	727	1961	1388	910	739	1161	633	903	422	0	9091
Halibut, Pacific.....	0	0	0	0	0	0	397	324	0	0	0	0	721
Lingcod.....	0	1036	2350	1714	2403	1144	450	879	1130	1052	1697	0	13855
Mackerel.....	0	0	0	0	0	0	37	0	0	0	0	0	37
Rockfish, widow.....	0	0	0	0	72	0	0	0	0	0	0	0	72
Rockfish, yellowtail..	0	13	0	0	0	0	44	56	11	0	0	0	124
Rockfish, other spp...	13	928	3495	661	684	915	2156	1008	707	1102	819	250	12738
Salmon, chinook.....	0	0	0	0	322	275	6776	543	657	30	0	0	8603
Salmon, coho.....	0	0	0	0	0	0	2194	278	0	0	0	0	2472
Shark, soupfin.....	0	66	0	0	0	0	30	0	0	0	0	0	96
Skates and rays.....	0	0	0	0	0	0	30	0	0	0	0	0	30
Tuna, albacore.....	0	0	0	0	0	0	0	334	0	0	0	0	334
Wolf-eel.....	0	0	16	32	27	40	44	141	74	12	0	0	386
CRUSTACEANS:													
Crab, Dungeness, ocean	17596	10278	7616	9644	5126	5610	9383	5308	0	0	0	20603	91164
MOLLUSKS:													
Octopus.....	50	0	0	52	0	0	0	0	0	0	0	0	102
OTHER INVERTEBRATES:													
Sea urchins, purple...	0	0	0	0	623	0	0	0	26165	45622	7585	520	80515
Sea urchins, red.....	0	0	0	0	95369	82231	135712	69391	84388	14093	8194	3388	492766
TOTAL	17665	12562	14204	14064	106014	91125	157992	79423	113765	62814	18717	24761	713106

TABLE 14. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH AT NEWPORT, 1992.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Cabazon.....	0	170	1641	277	185	12	135	61	0	98	8	0	2587
Cod, Pacific.....	3322	5922	1792	724	8935	11872	6607	7203	5736	2772	3921	2598	61404
Flounder, arrowtooth..	6703	13834	6275	8741	35825	32317	28940	29918	32305	23783	11586	2049	232276
Flounder, starry.....	52	0	21	0	107	3518	3935	2221	335	4649	245	12	15095
Greenling.....	0	0	0	0	0	2	0	1	0	3	0	0	6
Grenadier.....	70	564	1286	397	56	1389	0	0	0	0	0	0	3762
Halibut, California...	0	0	0	0	0	16	0	0	0	0	0	0	16
Halibut, Pacific.....	95	254	0	0	101	41	36788	24316	27	0	0	0	61622
Herring, Pacific.....	0	57370	373447	0	0	0	0	30	2260	285	0	0	433392
Lingcod.....	7548	29052	28554	22753	45418	33138	35048	34977	15548	16132	28876	3806	300850
Mackerel.....	0	0	0	0	19130	76881	91621	240468	493417	193186	0	0	1114703
Ratfish.....	0	0	0	0	0	0	0	0	0	36	0	0	36
Pac. Ocean perch.....	11648	25950	23591	8186	19041	16733	21110	21812	24141	22269	9006	6151	209638
Nominal POP.....	53743	119470	116963	24826	109563	34176	78273	107754	127335	70990	102469	124010	1069572
Rockfish, widow.....	355858	801486	516100	295353	394645	185550	306365	345368	135793	106376	73120	418842	3934856
Rockfish, yellowtail..	391993	908534	456625	282974	282874	273785	304008	107204	86029	78285	73420	58176	3303907
Rkfsh, Sebastolobus...	139228	242039	319636	73466	161640	320680	261328	256179	269857	156364	115163	40848	2356428
Rockfish, other spp...	250054	285679	378217	183466	364436	315652	319996	238987	216179	186803	109761	81252	2930482
Sablefish.....	73886	97791	283111	64892	724519	160062	146339	168676	218487	106053	81702	32463	2157981
Salmon, chinook.....	0	0	0	0	166871	9929	197949	198205	74561	120849	0	0	768364
Salmon, chum.....	0	0	0	0	0	0	0	0	0	6	0	0	6
Salmon, coho.....	0	0	0	0	0	0	48655	78090	0	0	0	0	126745
Salmon, pink.....	0	0	0	0	0	0	0	5	0	0	0	0	5
Sanddab, Pacific.....	1433	6274	26386	6986	1586	844	1	6734	8583	2544	4041	1277	66689
Sardine, Pacific.....	0	0	0	0	0	0	0	0	4124	115	0	0	4239
Irish lord, red.....	0	0	0	0	2	0	0	0	0	0	0	0	2
Sculpin, buffalo.....	0	0	0	0	0	0	0	2	0	0	0	0	2
Shad, American.....	0	0	0	0	0	2	0	2	119	270	0	0	393
Shark, blue.....	0	0	0	0	0	0	46	0	0	0	0	0	46

TABLE 14. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH AT NEWPORT, 1992.

(CONT.)

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
Shark, soupfin.....	85	566	0	0	248	109	0	0	0	0	142	0	1150
Shark, spiny dogfish..	0	0	0	0	25	0	25	54861	2602	11491	0	0	69004
Skates and rays.....	0	187	75	0	150	34	0	0	122	263	72	43	946
Sole, curlfin (turbot)	0	0	0	0	0	193	37	0	11	9	207	0	457
Sole, Dover.....	116728	116961	176875	78037	194010	244810	236245	223174	309442	208063	139669	59963	2103977
Sole, English.....	26715	30793	32750	17581	38038	17513	23059	32271	25630	46783	11780	11209	314122
Sole, petrale.....	46952	33745	20213	20784	38112	15750	19362	22868	15906	21968	14853	9083	279596
Sole, rex.....	9252	13374	12928	2242	6070	3535	3395	3368	9703	7140	3052	2686	76745
Sole, rock.....	0	0	0	0	0	0	0	0	0	90	14	0	104
Sole, sand.....	415	75	99	0	2346	25230	21224	18864	5018	11158	1235	0	85664
Sturgeon, green.....	72	0	0	0	52	116	0	150	120	1257	0	0	1767
Sturgeon, white.....	0	0	0	0	0	50	150	0	0	0	0	0	200
Surfperch.....	0	0	0	0	49	493	1731	181	12	172	0	0	2638
Tuna, albacore.....	0	0	0	0	0	0	18365	1204391	756409	275314	33075	0	2287554
Whiting, Pac. (Hake)..	0	0	0	1993242	8943183	14027278	14856324	13128942	17940373	13520362	0	0	84409704
Wolf-eel.....	0	8	21	82	0	5	23	37	0	6	0	0	182
CRUSTACEANS:													
Crab, box.....	0	12	0	0	2	26	98	6	228	161	0	0	533
Crab, Dungeness, bay..	8	0	0	0	0	0	0	0	840	1532	401	0	2781
Crab, Dungeness, ocean	447229	196533	91976	48440	50111	69910	87157	70603	0	0	0	1516946	2578905
Crab, kelp.....	8	0	0	0	0	0	0	0	0	0	0	0	8
Crab, rock.....	85	63	0	0	0	0	26	0	0	0	0	0	174
Crab, tanner.....	0	0	0	0	0	0	0	0	0	9	0	0	9
Shrimp, pink.....	0	0	0	2928946	1202376	1854393	2505666	1854227	1299729	694811	0	0	12340148
MOLLUSKS:													
Clams, gaper.....	0	0	0	0	0	0	1733	2975	627	926	0	0	6261
Mussels, ocean.....	0	0	474	0	0	0	0	0	0	0	0	0	474
Octopus.....	435	57	807	294	214	351	583	125	166	758	36	149	3975
Squid.....	0	0	0	0	0	11	0	0	838	111	0	0	960

TABLE 14. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH AT NEWPORT, 1992.

(CONT.)

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
OTHER INVERTEBRATES:													
Sea urchins, red.....	0	0	0	0	55880	0	0	0	0	0	0	0	55880
TOTAL	1943617	2986763	2869863	6062689	12865800	17736406	19662347	18485256	22082612	15894252	817854	2371563	123779022

TABLE 15. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH AT WALDPOR, 1992.

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	4269	13506	2851	31	20657
Shrimp, ghost.....	6163	5163	6703	8836	12767	8098	7688	6876	8978	9931	4881	3111	89195
Shrimp, mud.....	247	512	372	220	57	24	0	0	0	0	0	48	1480
MOLLUSKS:													
Clams, cockle.....	0	0	200	370	0	0	0	0	0	0	0	0	570
Mussels, ocean.....	0	0	140	0	0	0	0	111	145	0	0	0	396
TOTAL	6410	5675	7415	9426	12824	8122	7688	6987	13392	23437	7732	3190	112298

TABLE 16. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH AT FLORENCE, 1992.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Cod, Pacific.....	0	0	0	0	0	0	0	0	54	68	0	0	122
Flounder, arrowtooth..	0	0	0	0	0	0	0	0	0	1050	0	0	1050
Flounder, starry.....	0	0	0	0	32	0	0	206	200	0	0	0	438
Halibut, Pacific.....	0	0	0	0	0	0	3729	2217	0	0	0	0	5946
Lingcod.....	0	0	0	111	600	0	8	18	208	104	431	0	1480
Mackerel.....	0	0	0	0	0	0	0	0	4	0	0	0	4
Nominal POP.....	0	0	0	0	0	0	0	0	0	236	0	0	236
Rockfish, widow.....	0	0	0	0	0	0	0	0	0	22	0	0	22
Rockfish, yellowtail..	0	0	0	2061	237	50	148	0	50	162	0	0	2708
Rkfish, Sebastolobus...	0	0	0	0	16	0	0	0	168	732	0	0	916
Rockfish, other spp...	0	0	675	1933	2572	0	317	991	2024	1295	170	0	9977
Sablefish.....	0	0	60	0	97666	0	261	290	4164	1939	206	0	104586
Salmon, chinook.....	0	0	0	0	21343	0	26539	47871	13122	7545	0	0	116420
Salmon, coho.....	0	0	0	0	0	0	13561	19419	0	0	0	0	32980
Sanddab, Pacific.....	0	10728	31200	37605	12932	0	418	761	4830	9360	17030	0	124864
Shark, soupfin.....	0	0	0	24	0	0	0	0	0	0	171	0	195
Skates and rays.....	0	0	0	21	37	0	0	0	0	0	516	0	574
Sole, curlfin (turbot)	0	0	0	0	100	0	0	0	0	0	0	0	100
Sole, Dover.....	0	0	0	0	3321	0	0	110	3887	4495	4905	0	16718
Sole, English.....	0	0	1451	2143	1039	38	96	634	1940	2139	9540	0	19020
Sole, petrale.....	0	0	0	19	1070	0	150	182	456	850	2558	0	5285
Sole, rex.....	0	0	0	0	0	0	0	0	0	190	0	0	190
Sole, sand.....	0	0	0	0	941	35	0	2192	1518	0	0	0	4686
Sturgeon, green.....	0	0	0	0	0	0	0	0	24	0	30	0	54
Sturgeon, white.....	0	0	0	0	0	0	0	64	0	0	0	0	64
Tuna, albacore.....	0	0	0	0	0	0	0	1920	19526	800	0	0	22246
CRUSTACEANS:													
Crab, Dungeness, bay..	0	0	0	0	0	0	0	0	0	67	0	0	67

TABLE 16. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH AT FLORENCE, 1992.

(CONT.)

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
Crab, Dungeness, ocean	15002	17780	11961	7906	4248	11095	80946	68952	0	0	0	38737	256627
Shrimp, ghost.....	0	0	30	17	0	0	0	30	0	0	0	0	77
Shrimp, pink.....	0	0	0	0	0	0	0	0	6759	6337	0	0	13096
MOLLUSKS:													
Mussels, ocean.....	0	100	50	377	693	387	0	0	50	0	0	0	1657
Octopus.....	0	0	0	45	0	0	0	0	0	28	0	0	73
TOTAL	15002	28608	45427	52262	146847	11605	126173	145857	58984	37419	35557	38737	742478

TABLE 17. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH AT WINCHESTER BAY, 1992.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Flounder, arrowtooth..	0	0	0	0	0	57	0	0	0	0	0	0	57
Halibut, Pacific.....	0	0	0	0	0	0	0	796	0	0	0	0	796
Herring, Pacific.....	0	0	0	0	0	0	3000	0	0	0	0	0	3000
Lingcod.....	330	0	835	518	278	154	624	332	80	128	36	159	3474
Nominal POP.....	0	0	0	0	0	0	0	56	0	0	0	0	56
Rockfish, yellowtail..	0	0	0	0	0	0	0	0	24	0	0	0	24
Rockfish, other spp...	0	0	168	95	183	573	2702	801	48	22	2	5	4599
Sablefish.....	0	0	19321	0	127697	12468	9676	0	0	0	0	0	169162
Salmon, chinook.....	0	0	0	0	22176	827	12860	21584	2138	1302	0	0	60887
Salmon, coho.....	0	0	0	0	0	0	7104	9142	0	0	0	0	16246
Sanddab, Pacific.....	0	0	0	0	0	993	0	0	0	0	0	0	993
Shad, American.....	0	0	0	0	14609	14014	0	0	0	0	0	0	28623
Shark, soupfin.....	0	0	0	0	0	78	0	0	0	0	0	0	78
Smelt.....	0	0	0	0	100	500	500	0	0	0	0	0	1100
Sole, Dover.....	0	0	0	0	0	788	0	21	0	0	0	0	809
Sole, English.....	0	0	0	0	0	499	0	12	0	0	0	0	511
Sole, petrale.....	0	0	0	0	0	171	0	0	0	0	0	0	171
Tuna, albacore.....	0	0	0	0	0	0	0	71465	79029	0	0	0	150494
CRUSTACEANS:													
Crab, Dungeness, bay..	0	0	0	0	0	0	0	0	3461	4236	377	12	8086
Crab, Dungeness, ocean	121657	58623	17680	13693	10803	10424	18985	19905	118	0	0	251531	523419
Shrimp, pink.....	0	0	0	2528	0	0	0	11236	0	0	0	0	13764
MOLLUSKS:													
Clams, softshell.....	556	516	591	294	588	580	780	704	568	412	148	358	6095
Mussels, ocean.....	2405	3672	6846	2950	2412	710	0	0	300	0	0	600	19895
Octopus.....	0	0	0	0	0	0	29	0	0	0	0	0	29
TOTAL	124948	62811	45441	20078	178846	42836	56260	136054	85766	6100	563	252665	1012368

TABLE 18. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH AT CHARLESTON, 1992.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Cabezon.....	0	32	171	479	90	374	426	24	11	21	0	0	1628
Cod, Pacific.....	31	92	152	22	397	202	116	871	475	212	6	105	2681
Flounder, arrowtooth..	14534	11245	13405	6443	17760	23069	9880	21057	49423	31228	22958	13429	234431
Flounder, starry.....	0	0	60	24	1166	1743	2548	2821	2004	0	0	0	10366
Greenling.....	0	0	2	0	4	0	0	0	20	0	0	0	26
Grenadier.....	14947	14672	29607	14403	28410	57318	36170	34081	31676	18653	14571	7139	301647
Hagfish.....	50304	96973	79597	80244	57516	15807	2508	30917	39856	0	14619	10425	478766
Halibut, Pacific.....	0	0	0	0	76	0	13224	9521	0	0	0	0	22821
Lingcod.....	10708	19744	38583	10969	47589	56079	42389	42909	28923	44136	9448	9388	360865
Pac. Ocean perch.....	3399	126	0	0	94	2966	89	0	0	0	0	33	6707
Nominal POP.....	59443	37851	69418	25070	77858	53714	46994	54570	55417	70879	41939	45941	639094
Rockfish, widow.....	308395	265797	263126	81358	206907	231688	264383	82716	178170	30463	34605	109687	2057295
Rockfish, yellowtail..	157205	224377	179142	122928	98487	196387	240325	79451	137455	51378	56699	21928	1565762
Rkfsh, Sebastolobus...	462386	437251	679292	156817	430107	527601	351087	232026	227180	149507	220346	153962	4027562
Rockfish, other spp...	103833	92004	132250	135620	182502	193678	284205	142392	135684	91494	71821	45118	1610601
Sablefish.....	161955	127582	354516	131318	594665	248240	167377	167032	200243	174335	174640	110230	2612133
Salmon, chinook.....	0	0	0	0	8413	1996	12679	12502	4752	16329	0	0	56671
Salmon, coho.....	0	0	0	0	0	0	6388	6977	0	0	0	0	13365
Sanddab, Pacific.....	93	1098	16053	117370	9508	13162	33508	34619	30498	17425	26547	0	299881
Shark, sixgill.....	0	0	0	0	0	0	0	13	0	0	0	0	13
Shark, soupfin.....	25	104	23	16	0	34	42	25	176	172	0	119	736
Shark, spiny dogfish..	351	0	0	0	0	0	0	0	0	0	0	0	351
Skates and rays.....	0	562	837	0	0	0	0	0	0	0	0	0	1399
Sole, curlfin (turbot)	0	0	0	0	19	175	95	2	0	0	0	0	291
Sole, Dover.....	363071	407315	1050532	315804	441194	410148	237808	352045	530253	511248	444863	243852	5308133
Sole, English.....	14934	10123	43497	10410	21537	29423	19750	37815	48595	26811	20235	26403	309533
Sole, petrale.....	149401	41091	37198	8446	14102	14794	12402	15125	18974	25166	92247	201161	630107
Sole, rex.....	1443	1853	6145	650	4648	3332	548	1279	5461	4062	7265	2272	38958
Sole, rock.....	17	0	37	2	29	314	41	71	6	4	0	0	521

TABLE 18. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH AT CHARLESTON, 1992.

(CONT.)

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
Sole, sand.....	847	0	520	287	1693	17497	19598	26916	12712	33	0	0	80103
Sturgeon, green.....	0	0	0	0	187	135	0	83	0	0	0	0	405
Sturgeon, white.....	0	0	0	0	0	45	0	281	328	0	0	0	654
Tuna, albacore.....	0	0	0	0	0	0	334	168057	164545	18078	0	0	351014
Whiting, Pac. (Hake)..	0	0	8	0	17900	0	0	0	3780	0	0	0	21688
Wolf-eel.....	0	0	10	0	142	313	34	22	0	0	0	0	521
CRUSTACEANS:													
Crab, box.....	0	0	87	0	0	0	0	0	0	0	0	0	87
Crab, Dungeness, bay..	0	0	0	0	0	0	0	0	29980	23929	10427	455	64791
Crab, Dungeness, ocean	240650	89517	32790	21961	15834	17305	36943	33612	0	0	0	762461	1251073
Crab, rock.....	0	0	0	0	0	0	0	0	113	0	0	0	113
Shrimp, ghost.....	190	358	480	202	415	300	246	250	249	286	245	217	3438
Shrimp, mud.....	0	95	40	0	0	0	0	0	0	0	0	0	135
Shrimp, pink.....	0	0	0	3992687	1275822	2689608	3498296	2639445	1122286	745488	0	0	15963632
MOLLUSKS:													
Clams, butter.....	0	0	60	40	0	65	65	0	120	7	0	25	382
Clams, cockle.....	0	0	0	721	1590	0	0	127	0	21	0	0	2459
Clams, gaper.....	0	0	0	0	0	0	380	633	579	616	882	0	3090
Clams, littleneck.....	0	0	7	0	0	0	4	0	10	4	0	0	25
Mussels, ocean.....	0	0	0	0	0	0	0	0	0	50	0	0	50
Octopus.....	100	239	68	0	102	231	113	152	56	403	0	73	1537
Scallops, rock.....	0	0	0	0	0	29	0	0	0	0	0	0	29
Scallops, weathervane	0	0	1944	0	0	0	0	0	0	0	0	0	1944
Squid.....	0	0	0	0	11727	0	0	0	0	0	0	0	11727
OTHER INVERTEBRATES:													
Sea urchins, purple...	0	0	0	0	0	0	0	0	0	0	10224	6055	16279
Sea urchins, red.....	0	0	0	5016	26585	32548	7896	0	2585	4416	382	6926	86354
TOTAL	2118262	1880101	3029657	5239307	3595075	4840320	5348891	4230439	3062595	2056854	1274969	1777404	38453874

TABLE 19. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH AT BANDON, 1992.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Hagfish.....	0	0	0	0	0	0	3723	6800	0	0	0	0	10523
Lingcod.....	0	0	0	0	0	0	0	42	0	0	0	0	42
Rockfish, other spp...	0	0	0	254	23	1623	3108	5581	2266	1016	204	0	14075
Salmon, chinook.....	0	0	0	0	342	0	182	1277	369	596	0	0	2766
Salmon, coho.....	0	0	0	0	0	0	15	795	0	0	0	0	810
CRUSTACEANS:													
Crab, Dungeness, bay..	0	0	0	0	0	0	0	0	138	103	225	0	466
Crab, Dungeness, ocean	0	1846	0	0	0	0	512	359	0	0	0	0	2717
Shrimp, pink.....	0	0	0	0	0	0	34483	0	0	0	0	0	34483
MOLLUSKS:													
Clams, softshell.....	0	0	40	22	55	0	0	0	0	0	0	0	117
TOTAL	0	1846	40	276	420	1623	42023	14854	2773	1715	429	0	65999

TABLE 20. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH AT PORT ORFORD, 1992.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Cabazon.....	52	58	418	264	611	302	25	115	28	23	27	0	1923
Flounder, arrowtooth..	0	0	19	0	92	6	0	0	0	0	0	0	117
Hagfish.....	17580	48780	113310	42096	10740	0	2040	20510	0	0	0	0	255056
Halibut, Pacific.....	0	0	0	0	0	0	7963	9272	0	0	0	0	17235
Lingcod.....	1034	5005	5889	2842	3078	1586	1511	1431	941	1302	3245	357	28221
Pac. Ocean perch.....	0	0	0	0	0	0	0	0	0	6	0	0	6
Nominal POP.....	0	0	940	0	2479	29	871	420	12	0	0	0	4751
Rockfish, widow.....	0	50	393	138	0	0	7	49	0	0	3221	1161	5019
Rockfish, yellowtail..	0	1061	23529	12285	6247	11935	7121	11980	12119	10452	6575	226	103530
Rockfish, other spp...	7328	40330	68757	37810	33760	72682	38694	37610	19022	14478	17182	5394	393047
Sablefish.....	0	3455	88568	15483	240962	1780	846	1967	0	207	0	0	353268
Salmon, chinook.....	0	0	0	0	0	0	0	0	0	6240	0	0	6240
Shark, soupfin.....	0	0	0	0	0	0	0	0	0	0	49	0	49
Sole, Dover.....	0	0	46	0	2	73	4	0	0	0	0	0	125
Sole, petrale.....	0	0	0	2	0	0	0	26	0	0	0	0	28
Sole, rock.....	0	0	0	3	0	0	0	0	0	0	0	0	3
Tuna, albacore.....	0	0	0	0	0	0	0	1600	0	0	0	0	1600
Wolf-eel.....	0	0	7	15	32	42	5	0	23	8	23	0	155
CRUSTACEANS:													
Crab, Dungeness, ocean	169322	46410	18306	14201	11983	19037	21692	6816	0	0	0	226986	534753
Shrimp, pink.....	0	0	0	24228	0	0	0	0	1556	4151	0	0	29935
MOLLUSKS:													
Octopus.....	457	197	334	205	44	130	99	24	112	48	0	343	1993
OTHER INVERTEBRATES:													
Sea urchins, purple...	0	0	89	0	0	0	0	0	0	0	0	0	89
Sea urchins, red.....	142043	220035	319705	244668	58153	11336	105528	29690	18576	143852	211356	191164	1696106
TOTAL	337816	365381	640310	394240	368183	118938	186406	121510	52389	180767	241678	425631	3433249

TABLE 21. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH AT GOLD BEACH, 1992.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Cabazon.....	0	0	0	0	0	29	0	77	0	0	0	0	106
Lingcod.....	0	0	0	0	67	317	2768	1571	82	48	0	0	4853
Rockfish, widow.....	0	0	0	0	0	0	101	0	0	0	0	0	101
Rockfish, yellowtail..	0	0	0	0	0	0	379	626	0	0	0	0	1005
Rockfish, other spp...	0	0	30	0	26	3501	12355	6955	542	88	0	0	23497
Tuna, albacore.....	0	0	0	0	0	0	0	0	15791	0	0	0	15791
CRUSTACEANS:													
Crab, Dungeness, bay..	0	0	0	0	0	0	0	0	118	195	0	0	313
Crab, Dungeness, ocean	0	0	0	0	0	0	0	2000	0	0	0	0	2000
OTHER INVERTEBRATES:													
Sea urchins, red.....	12362	7978	25102	12708	144301	4330	106727	27537	13362	6460	9013	13100	382980
TOTAL	12362	7978	25132	12708	144394	8177	122330	38766	29895	6791	9013	13100	430646

TABLE 22. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH AT BROOKINGS, 1992.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Cabezon.....	0	0	0	0	0	0	110	0	0	0	0	0	110
Flounder, arrowtooth..	3334	6191	7359	57	8	2414	950	2197	1432	414	823	133	25312
Flounder, starry.....	0	0	0	0	17	51	0	0	0	0	0	0	68
Greenling.....	0	0	0	2	0	1	0	0	0	0	0	0	3
Grenadier.....	0	0	841	0	0	1002	0	0	1172	0	2035	0	5050
Halibut, Pacific.....	0	0	0	0	0	0	0	9974	0	0	0	0	9974
Lingcod.....	1889	11843	4406	1807	3303	3636	17357	18702	1184	2019	2828	524	69498
Mackerel.....	0	0	0	0	0	0	0	0	1965	0	0	0	1965
Nominal POP.....	2718	4792	1719	545	882	4489	1997	4603	285	129	1959	486	24604
Rockfish, widow.....	300	75702	58765	57971	0	174426	84849	5301	644	2257	3811	29960	493986
Rockfish, yellowtail..	0	500	11	425	105	0	8410	0	45	350	18723	14374	42943
Rkfish, Sebastolobus...	48602	62049	125866	0	5	42972	55128	45568	5393	10607	49820	10682	456692
Rockfish, other spp...	6692	41900	22151	10214	14345	56017	27680	61158	14702	27141	14211	14625	310836
Sablefish.....	23827	25987	110883	27449	259910	33230	33489	46061	16095	18819	42121	14763	652634
Salmon, chinook.....	0	0	0	0	0	681	0	497	0	151	0	0	1329
Sanddab, Pacific.....	0	0	0	0	80	90	0	24	362	202	0	0	758
Shark, soupfin.....	0	46	0	0	4	0	0	26	20	52	25	0	173
Shark, spiny dogfish..	0	0	0	0	0	0	0	25	0	0	0	0	25
Smelt.....	0	0	0	0	0	0	0	527	0	0	0	0	527
Sole, Dover.....	52920	47284	74417	25	804	55697	40273	68638	20453	33294	98074	54324	546203
Sole, English.....	372	258	0	0	49	1176	238	4038	600	1554	391	113	8789
Sole, petrale.....	26372	13228	277	11	3	2360	89	3389	284	2370	33674	32392	114449
Sole, rex.....	4977	2984	1145	0	0	1668	1140	3344	460	1183	4178	1832	22911
Sole, sand.....	0	0	0	0	0	360	0	0	0	0	0	0	360
Surfperch.....	0	0	374	436	148	0	0	0	0	0	0	0	958
Tuna, albacore.....	0	0	0	0	0	0	6220	2860	62074	15809	0	0	86963
CRUSTACEANS:													
Crab, Dungeness, ocean	820242	165018	26783	23010	3363	1644	1422	796	0	0	0	1414339	2456617

TABLE 22. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH AT BROOKINGS, 1992.

(CONT.)

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
Shrimp, pink.....	0	0	0	1546766	591791	1418296	1165084	1655317	1129938	823830	0	0	8331022
MOLLUSKS:													
Octopus.....	812	573	0	677	133	168	344	1295	765	488	49	1576	6880
OTHER INVERTEBRATES:													
Sea urchins, red.....	12835	5062	12790	50216	1792	0	0	41542	9474	9595	0	0	143306
TOTAL	1005892	463417	447787	1719611	876742	1800378	1444780	1975882	1267347	950264	272722	1590123	13814945

TABLE 23. COMMERCIAL FISH AND SHELLFISH LANDINGS (POUNDS ROUND) BY GEAR IN OREGON, 1992.

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:										
Cabezon.....	51	0	0	0	0	0	0	0	0	0
Carp.....	0	0	0	0	0	218	0	0	0	0
Dace, speckled.....	0	0	0	0	0	0	0	0	0	0
Minnow, fathead.....	0	0	0	0	0	0	0	0	0	0
Shiner, redbside.....	0	0	0	0	0	0	0	0	0	0
Squawfish, northern...	0	0	0	0	0	0	0	0	0	0
Cod, Pacific.....	21	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	527	0	0	0	0	0
Greenling.....	0	0	0	0	0	0	0	0	0	0
Grenadier.....	0	0	0	0	0	0	0	0	0	0
Hagfish.....	0	0	0	0	0	0	0	0	0	0
Halibut, California...	0	0	0	0	0	0	0	0	0	0
Halibut, Pacific.....	806	0	0	0	0	0	0	0	0	0
Herring, Pacific.....	0	0	0	0	0	0	0	0	0	0
Lamprey.....	0	0	0	0	0	0	0	0	0	0
Lingcod.....	10432	0	0	0	0	0	0	0	0	0
Mackerel.....	474	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
Pac. Ocean perch.....	0	0	0	0	0	0	0	0	0	0
Nominal POP.....	5	0	0	0	0	0	0	0	0	0
Rockfish, widow.....	547	0	0	0	0	0	0	0	0	0
Rockfish, yellowtail..	1378	0	0	0	0	0	0	0	0	0
Rkfish, Sebastolobus...	0	0	0	0	0	0	0	0	0	0
Rockfish, other spp...	67293	0	0	0	0	0	0	0	0	0
Sablefish.....	135	0	0	0	0	0	0	0	0	0
Salmon, chinook.....	1164810	0	0	0	318387	183537	0	10217	0	0

TABLE 23. COMMERCIAL FISH AND SHELLFISH LANDINGS (POUNDS ROUND) BY GEAR IN OREGON, 1992. (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, chum.....	35	0	0	0	2751	0	0	0	0	0
Salmon, coho.....	237616	0	0	0	206526	1658	0	654	0	0
Salmon, pink.....	19	0	0	0	0	0	0	0	0	0
Salmon, sockeye.....	0	0	0	0	0	11	0	0	0	0
Sanddab, Pacific.....	19	0	0	0	0	0	0	0	0	0
Sardine, Pacific.....	0	0	0	0	0	0	0	0	0	0
Irish lord, red.....	0	0	0	0	0	0	0	0	0	0
Sculpin, buffalo.....	0	0	0	0	0	0	0	0	0	0
Shad, American.....	0	0	28623	0	394352	0	0	0	0	0
Shark, blue.....	50	0	0	0	0	0	0	0	0	0
Shark, sixgill.....	0	0	0	0	0	0	0	0	0	0
Shark, soupfin.....	70	0	0	0	0	0	0	0	0	0
Shark, spiny dogfish..	0	0	0	0	0	0	0	0	0	0
Shark, thresher.....	0	0	0	0	0	0	0	0	0	0
Skates and rays.....	0	0	0	0	0	0	0	0	0	0
Skilfish.....	0	0	0	0	0	0	0	0	0	0
Smelt.....	0	0	0	0	1999	0	0	344	0	301
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.....	4	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	201191	0	36525	0	0
Sturgeon eggs.....	0	0	0	0	0	10	0	0	0	0
Sturgeon, green.....	0	0	0	0	18745	0	0	0	0	0

TABLE 23. COMMERCIAL FISH AND SHELLFISH LANDINGS (POUNDS ROUND) BY GEAR IN OREGON, 1992. (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
Sturgeon, white.....	0	0	0	0	107234	17670	25119	0	0	0
Sucker, bridgelip....	0	0	0	0	0	0	0	0	0	0
Sucker, largescale....	0	0	0	0	0	0	0	0	0	0
Surfperch.....	0	0	0	0	0	0	0	0	0	0
Tuna, albacore.....	3895618	0	0	0	0	0	0	0	0	0
Walleye.....	0	0	0	0	0	2984	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, 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
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
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, 1992. (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
Squid.....	0	0	0	0	0	0	0	0	0	0
OTHER INVERTEBRATES:										
Sea urchins, purple...	0	0	0	0	0	0	0	0	0	0
Sea urchins, red.....	0	0	0	0	0	0	0	0	0	0
TOTAL	5379383	0	28623	0	1050521	407279	26119	47740	0	301

TABLE 23. COMMERCIAL FISH AND SHELLFISH LANDINGS (POUNDS ROUND) BY GEAR IN OREGON, 1992. (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:										
Cabezon.....	24	191	0	14528	914	0	0	0	0	0
Carp.....	0	0	0	0	0	0	0	0	0	0
Dace, speckled.....	0	0	0	0	0	0	0	0	0	0
Minnow, fathead.....	0	0	0	0	0	0	0	0	0	0
Shiner, redbside.....	0	0	0	0	0	0	0	0	0	0
Squawfish, northern..	0	0	0	0	0	0	0	0	0	0
Cod, Pacific.....	0	558	0	150	911840	21	4582	0	0	0
Flounder, arrowtooth.	11	737	0	104	4535658	41	7385	0	0	0
Flounder, starry.....	0	0	0	18	156027	0	6	0	0	0
Greenling.....	0	3	0	12	20	0	0	0	0	0
Grenadier.....	0	12	0	0	310447	0	0	0	0	0
Hagfish.....	751281	0	0	0	0	0	0	0	0	0
Halibut, California..	0	0	0	0	16	0	0	0	0	0
Halibut, Pacific.....	0	710299	0	0	769	0	0	0	0	0
Herring, Pacific.....	0	0	0	822	0	3353	0	0	0	0
Lamprey.....	0	0	0	0	0	0	0	0	0	0
Lingcod.....	188	39421	0	138308	1347800	452	31204	0	0	0
Mackerel.....	0	0	0	154	998	1713350	1965	0	0	0
Pollock, walleye.....	0	0	0	0	120	0	0	0	0	0
Ratfish.....	0	0	0	0	217	36	0	0	0	0
Pac. Ocean perch.....	0	39	0	0	1183464	2094	478	0	0	0
Nominal POP.....	99	17019	0	334	1944713	6512	12251	0	0	0
Rockfish, widow.....	0	1613	0	10059	6092798	4892168	14542	0	0	0
Rockfish, yellowtail.	0	51243	0	190255	7695329	120347	315614	0	0	0
Rkfish, Sebastolobus..	400	12939	0	25	9424424	48	264	0	0	0
Rockfish, other spp..	2268	359850	0	1157915	6333636	128328	528005	0	0	0
Sablefish.....	898098	2167002	0	30337	5407203	27265	196235	0	0	0
Salmon, chinook.....	0	0	0	0	0	0	0	0	0	0

TABLE 23. COMMERCIAL FISH AND SHELLFISH LANDINGS (POUNDS ROUND) BY GEAR IN OREGON, 1992. (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, chum.....	0	0	0	0	0	0	0	0	0	0
Salmon, coho.....	0	0	0	0	0	0	0	0	0	0
Salmon, pink.....	0	0	0	0	0	0	0	0	0	0
Salmon, sockeye.....	0	0	0	0	0	0	0	0	0	0
Sanddab, Pacific.....	0	0	0	0	637126	8428	969	0	0	0
Sardine, Pacific.....	0	0	0	0	0	8568	0	0	0	0
Irish lord, red.....	0	0	0	2	0	0	0	0	0	0
Sculpin, buffalo.....	0	0	0	2	0	0	0	0	0	0
Shad, American.....	0	0	0	0	2749	3910	0	0	0	0
Shark, blue.....	0	46	0	0	29	0	0	0	0	0
Shark, sixgill.....	0	0	0	0	0	0	13	0	0	0
Shark, soupfin.....	0	537	0	391	3063	46	481	0	0	0
Shark, spiny dogfish.	0	5	0	15	27169	94293	93	0	0	0
Shark, thresher.....	0	0	0	0	428	878	0	0	0	0
Skates and rays.....	0	0	0	30	2731	483	0	0	0	0
Skilfish.....	0	147	0	0	0	0	0	0	0	0
Smelt.....	0	0	0	362	0	0	0	0	0	0
Sole, butter.....	0	0	0	0	167	0	0	0	0	0
Sole, curlfin (turbot	0	0	0	0	848	0	0	0	0	0
Sole, Dover.....	141	183	0	5	13353997	192	44649	0	0	0
Sole, English.....	0	0	0	0	1380278	15	3670	0	0	0
Sole, flathead.....	0	0	0	0	18021	2	73	0	0	0
Sole, petrale.....	0	779	0	342	1694746	14	4043	0	0	0
Sole, rex.....	0	0	0	0	730229	107	476	0	0	0
Sole, rock.....	0	38	0	0	683	3	0	0	0	0
Sole, sand.....	0	0	0	7	388559	0	143	0	0	0
Steelhead.....	0	0	0	0	0	0	0	0	0	0
Sturgeon eggs.....	0	0	0	0	0	0	0	0	0	0
Sturgeon, green.....	0	0	0	0	3612	0	0	0	0	0

TABLE 23. COMMERCIAL FISH AND SHELLFISH LANDINGS (POUNDS ROUND) BY GEAR IN OREGON, 1992. (CONT.)

SPECIES	FISH	BOTTOM	PELAGIC	OTHER	GROUND FISH	MIDWATER	SHRIMP	SQUID	OCEAN	SHRIMP
	POT	LONGLINE	LONGLINE	HOOK&LINE	TRAWL	TRAWL	TRAWL	NET	GILLNET	POT
Sturgeon, white.....	0	0	0	0	994	0	0	0	0	0
Sucker, bridgelip....	0	0	0	0	0	0	0	0	0	0
Sucker, largescale...	0	0	0	0	0	0	0	0	0	0
Surfperch.....	0	0	0	3596	0	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	41726	107893966	3780	0	0	0
Wolf-eel.....	0	150	0	487	329	0	0	0	0	0
Wrymouth, Giant.....	0	0	0	0	363	0	26	0	0	0
CRUSTACEANS:										
Crab, box.....	0	0	0	0	507	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, 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	9	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	48033256	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
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, 1992. (CONT.)

SPECIES	FISH POT	BOTTOM LONGLINE	PELAGIC LONGLINE	OTHER HOOK&LINE	GROUND FISH TRAWL	MIDWATER TRAWL	SHRIMP TRAWL	SQUID NET	OCEAN GILLNET	SHRIMP POT
Mussels, freshwater..	0	0	0	0	0	0	0	0	0	0
Octopus.....	79	679	0	163	9033	12	4274	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
Squid.....	0	0	0	0	12374	970	0	0	0	0
OTHER INVERTEBRATES:										
Sea urchins, purple..	0	0	0	0	0	0	0	0	0	0
Sea urchins, red.....	0	0	0	0	0	0	0	0	0	0
TOTAL	1652589	3363490	0	1548423	63656163	114905902	49208477	0	0	0

TABLE 23. COMMERCIAL FISH AND SHELLFISH LANDINGS (POUNDS ROUND) BY GEAR IN OREGON, 1992. (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
FISH:											
Cabezon.....	233	0	0	0	0	0	0	0	0	0	15941
Carp.....	0	0	0	0	0	0	0	0	0	0	218
Dace, speckled.....	0	0	0	0	0	0	0	0	66	0	66
Minnow, fathead.....	0	0	0	0	0	0	0	0	69	0	69
Shiner, redbside.....	0	0	0	0	0	0	0	0	154	0	154
Squawfish, northern...	0	0	0	0	0	0	0	0	32	0	32
Cod, Pacific.....	0	0	0	0	0	0	0	0	0	0	917172
Flounder, arrowtooth..	0	0	0	0	0	0	0	0	0	0	4543936
Flounder, starry.....	11	0	0	0	0	0	0	0	0	0	156589
Greenling.....	0	0	0	0	0	0	0	0	0	0	35
Grenadier.....	0	0	0	0	0	0	0	0	0	0	310459
Hagfish.....	0	0	0	0	0	0	0	0	0	0	751281
Halibut, California...	0	0	0	0	0	0	0	0	0	0	16
Halibut, Pacific.....	0	0	0	0	0	0	0	0	0	0	711874
Herring, Pacific.....	0	0	0	0	0	0	0	0	433025	0	437200
Lamprey.....	0	0	0	0	0	9089	0	0	0	0	9089
Lingcod.....	216	0	0	0	0	0	0	0	0	0	1568021
Mackerel.....	0	0	0	0	0	0	0	0	0	0	1716941
Pollock, walleye.....	0	0	0	0	0	0	0	0	0	0	120
Ratfish.....	0	0	0	0	0	0	0	0	0	0	253
Pac. Ocean perch.....	0	0	0	0	0	0	0	0	0	0	1186075
Nominal POP.....	0	0	0	0	0	0	0	0	0	0	1980933
Rockfish, widow.....	0	0	0	0	0	0	0	0	0	0	11011727
Rockfish, yellowtail..	0	0	0	0	0	0	0	0	0	0	8374166
Rkfish, Sebastolobus...	0	0	0	0	0	0	0	0	0	0	9438100
Rockfish, other spp...	820	0	0	0	0	0	0	0	0	0	8578115
Sablefish.....	0	0	0	0	0	0	0	0	0	0	8726275
Salmon, chinook.....	0	0	0	0	0	0	0	0	0	0	1676951

TABLE 23. COMMERCIAL FISH AND SHELLFISH LANDINGS (POUNDS ROUND) BY GEAR IN OREGON, 1992. (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
Salmon, chum.....	0	0	0	0	0	0	0	0	0	0	2786
Salmon, coho.....	0	0	0	0	0	0	0	0	0	0	446454
Salmon, pink.....	0	0	0	0	0	0	0	0	0	0	19
Salmon, sockeye.....	0	0	0	0	0	0	0	0	0	0	11
Sanddab, Pacific.....	0	0	0	0	0	0	0	0	0	0	646542
Sardine, Pacific.....	0	0	0	0	0	0	0	0	0	0	8568
Irish lord, red.....	0	0	0	0	0	0	0	0	0	0	2
Sculpin, buffalo.....	0	0	0	0	0	0	0	0	0	0	2
Shad, American.....	0	0	0	0	0	0	0	0	0	0	429634
Shark, blue.....	0	0	0	0	0	0	0	0	0	0	125
Shark, sixgill.....	0	0	0	0	0	0	0	0	0	0	13
Shark, soupfin.....	0	0	0	0	0	0	0	0	0	0	4588
Shark, spiny dogfish..	0	0	0	0	0	0	0	0	0	0	121575
Shark, thresher.....	0	0	0	0	0	0	0	0	0	0	1306
Skates and rays.....	0	0	0	0	0	0	0	0	0	0	3244
Skilfish.....	0	0	0	0	0	0	0	0	0	0	147
Smelt.....	0	0	0	0	0	0	0	0	1265	0	4271
Sole, butter.....	0	0	0	0	0	0	0	0	0	0	167
Sole, curfin (turbot)	0	0	0	0	0	0	0	0	0	0	848
Sole, Dover.....	0	0	0	0	0	0	0	0	0	0	13399167
Sole, English.....	0	0	0	0	0	0	0	0	0	0	1383963
Sole, flathead.....	0	0	0	0	0	0	0	0	0	0	18096
Sole, petrale.....	0	0	0	0	0	0	0	0	0	0	1699928
Sole, rex.....	0	0	0	0	0	0	0	0	0	0	730812
Sole, rock.....	0	0	0	0	0	0	0	0	0	0	724
Sole, sand.....	15	0	0	0	0	0	0	0	0	0	388724
Steelhead.....	0	0	0	0	0	0	0	0	0	0	237716
Sturgeon eggs.....	0	0	0	0	0	0	0	0	0	0	10
Sturgeon, green.....	0	0	0	0	0	0	0	0	0	0	22357

TABLE 23. COMMERCIAL FISH AND SHELLFISH LANDINGS (POUNDS ROUND) BY GEAR IN OREGON, 1992. (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
Sturgeon, white.....	0	0	0	0	0	0	0	0	0	0	152017
Sucker, bridgelip.....	0	0	0	0	0	0	0	0	331	0	331
Sucker, largescale....	0	0	0	0	0	0	0	0	14	0	14
Surfperch.....	0	0	0	0	0	0	0	0	0	0	3596
Tuna, albacore.....	0	0	0	0	0	0	0	0	0	0	3895618
Walleye.....	0	0	0	0	0	0	0	0	0	0	2984
Whiting, Pac. (Hake)..	0	0	0	0	0	0	0	0	0	0	107939472
Wolf-eel.....	541	0	0	0	0	0	0	0	0	0	1507
Wrymouth, Giant.....	0	0	0	0	0	0	0	0	0	0	389
CRUSTACEANS:											
Crab, box.....	26	0	0	0	0	0	87	0	0	0	620
Crab, Dungeness, bay..	0	97183	0	0	0	0	0	0	0	0	97183
Crab, Dungeness, ocean	11810919	0	0	0	0	0	0	0	0	0	11810919
Crab, kelp.....	0	0	0	0	0	8	0	0	0	0	8
Crab, rock.....	0	287	0	0	0	0	0	0	0	0	287
Crab, tanner.....	0	0	0	0	0	0	0	0	0	0	9
Crayfish.....	0	0	0	0	0	0	0	0	71	92987	93058
Shrimp, brine.....	0	0	0	0	0	43700	0	0	0	0	43700
Shrimp, ghost.....	0	0	0	0	0	0	0	100399	0	0	100399
Shrimp, mud.....	0	0	0	0	0	0	0	51141	0	0	51141
Shrimp, pink.....	0	0	0	0	0	0	0	0	0	0	48033256
MOLLUSKS:											
Clams, butter.....	0	0	735	0	0	248	0	0	0	0	983
Clams, cockle.....	0	0	4040	0	0	33444	0	0	0	0	37484
Clams, gaper.....	0	0	95	0	0	9256	0	0	0	0	9351
Clams, littleneck.....	0	0	1426	0	0	8854	0	0	0	0	10280
Clams, softshell.....	0	0	6212	0	0	25	0	0	0	0	6237
Mussels, ocean.....	0	0	0	0	0	22472	0	0	0	0	22472

TABLE 23. COMMERCIAL FISH AND SHELLFISH LANDINGS (POUNDS ROUND) BY GEAR IN OREGON, 1992. (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
Mussels, freshwater...	0	0	0	0	0	22715	0	0	0	0	22715
Octopus.....	5501	0	0	0	0	428	0	0	0	0	20169
Scallops, rock.....	0	0	0	0	0	29	0	0	0	0	29
Scallops, weathervane	0	0	0	0	0	0	1944	0	0	0	1944
Squid.....	0	0	0	0	0	0	0	0	0	0	13344
OTHER INVERTEBRATES:											
Sea urchins, purple...	0	0	0	0	0	96883	0	0	0	0	96883
Sea urchins, red.....	0	0	0	0	0	2857392	0	0	0	0	2857392
TOTAL	11818282	97470	12508	0	0	3104543	2031	151540	435027	92987	256989398

TABLE 23A. COMMERCIAL FISH AND SHELLFISH ESTIMATED VALUE (\$) BY GEAR IN OREGON, 1992.

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:										
Cabazon.....	20	0	0	0	0	0	0	0	0	0
Carp.....	0	0	0	0	0	20	0	0	0	0
Dace, speckled.....	0	0	0	0	0	0	0	0	0	0
Minnow, fathead.....	0	0	0	0	0	0	0	0	0	0
Shiner, redbside.....	0	0	0	0	0	0	0	0	0	0
Squawfish, northern...	0	0	0	0	0	0	0	0	0	0
Cod, Pacific.....	7	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	163	0	0	0	0	0
Greenling.....	0	0	0	0	0	0	0	0	0	0
Grenadier.....	0	0	0	0	0	0	0	0	0	0
Hagfish.....	0	0	0	0	0	0	0	0	0	0
Halibut, California...	0	0	0	0	0	0	0	0	0	0
Halibut, Pacific.....	1450	0	0	0	0	0	0	0	0	0
Herring, Pacific.....	0	0	0	0	0	0	0	0	0	0
Lamprey.....	0	0	0	0	0	0	0	0	0	0
Lingcod.....	4663	0	0	0	0	0	0	0	0	0
Mackerel.....	104	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
Pac. Ocean perch.....	0	0	0	0	0	0	0	0	0	0
Nominal POP.....	1	0	0	0	0	0	0	0	0	0
Rockfish, widow.....	158	0	0	0	0	0	0	0	0	0
Rockfish, yellowtail..	431	0	0	0	0	0	0	0	0	0
Rkfish, Sebastolobus...	0	0	0	0	0	0	0	0	0	0
Rockfish, other spp...	24003	0	0	0	0	0	0	0	0	0
Sablefish.....	177	0	0	0	0	0	0	0	0	0
Salmon, chinook.....	2489318	0	0	0	458988	168526	0	3732	0	0

TABLE 23A. COMMERCIAL FISH AND SHELLFISH ESTIMATED VALUE (\$) BY GEAR IN OREGON, 1992. (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, chum.....	33	0	0	0	651	0	0	0	0	0
Salmon, coho.....	222517	0	0	0	186237	1208	0	319	0	0
Salmon, pink.....	14	0	0	0	0	0	0	0	0	0
Salmon, sockeye.....	0	0	0	0	0	7	0	0	0	0
Sanddab, Pacific.....	6	0	0	0	0	0	0	0	0	0
Irish lord, red.....	0	0	0	0	0	0	0	0	0	0
Sculpin, buffalo.....	0	0	0	0	0	0	0	0	0	0
Shad, American.....	0	0	6386	0	69797	0	0	0	0	0
Shark, blue.....	40	0	0	0	0	0	0	0	0	0
Shark, sixgill.....	0	0	0	0	0	0	0	0	0	0
Shark, soupfin.....	70	0	0	0	0	0	0	0	0	0
Shark, spiny dogfish..	0	0	0	0	0	0	0	0	0	0
Shark, thresher.....	0	0	0	0	0	0	0	0	0	0
Skates and rays.....	0	0	0	0	0	0	0	0	0	0
Skilfish.....	0	0	0	0	0	0	0	0	0	0
Smelt.....	0	0	0	0	1625	0	0	344	0	301
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.....	3	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	130304	0	25685	0	0
Sturgeon eggs.....	0	0	0	0	0	800	0	0	0	0
Sturgeon, green.....	0	0	0	0	7862	0	0	0	0	0
Sturgeon, white.....	0	0	0	0	170317	36394	62594	0	0	0

TABLE 23A. COMMERCIAL FISH AND SHELLFISH ESTIMATED VALUE (\$) BY GEAR IN OREGON, 1992. (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
Sucker, bridgelip.....	0	0	0	0	0	0	0	0	0	0
Sucker, largescale....	0	0	0	0	0	0	0	0	0	0
Surfperch.....	0	0	0	0	0	0	0	0	0	0
Tuna, albacore.....	3968744	0	0	0	0	0	0	0	0	0
Walleye.....	0	0	0	0	0	2269	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, 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
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
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

TABLE 23A. COMMERCIAL FISH AND SHELLFISH ESTIMATED VALUE (\$) BY GEAR IN OREGON, 1992. (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
Scallops, rock.....	0	0	0	0	0	0	0	0	0	0
Scallops, weathervane	0	0	0	0	0	0	0	0	0	0
Squid.....	0	0	0	0	0	0	0	0	0	0
OTHER INVERTEBRATES:										
Sea urchins, purple...	0	0	0	0	0	0	0	0	0	0
Sea urchins, red.....	0	0	0	0	0	0	0	0	0	0
TOTAL	6711759	0	6386	0	895640	339528	62594	30080	0	301

TABLE 23A. COMMERCIAL FISH AND SHELLFISH ESTIMATED VALUE (\$) BY GEAR IN OREGON, 1992. (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:										
Cabezon.....	3	85	0	7260	222	0	0	0	0	0
Carp.....	0	0	0	0	0	0	0	0	0	0
Dace, speckled.....	0	0	0	0	0	0	0	0	0	0
Minnow, fathead.....	0	0	0	0	0	0	0	0	0	0
Shiner, redbside.....	0	0	0	0	0	0	0	0	0	0
Squawfish, northern..	0	0	0	0	0	0	0	0	0	0
Cod, Pacific.....	0	205	0	57	304585	6	1444	0	0	0
Flounder, arrowtooth.	3	95	0	45	479541	3	771	0	0	0
Flounder, starry.....	0	0	0	30	49547	0	0	0	0	0
Greenling.....	0	1	0	24	6	0	0	0	0	0
Grenadier.....	0	2	0	0	23230	0	0	0	0	0
Hagfish.....	167523	0	0	0	0	0	0	0	0	0
Halibut, California..	0	0	0	0	44	0	0	0	0	0
Halibut, Pacific.....	0	824674	0	0	1651	0	0	0	0	0
Herring, Pacific.....	0	0	0	458	0	0	0	0	0	0
Lamprey.....	0	0	0	0	0	0	0	0	0	0
Lingcod.....	92	24481	0	82226	457066	75	10606	0	0	0
Mackerel.....	0	0	0	115	409	328	0	0	0	0
Pollock, walleye.....	0	0	0	0	24	0	0	0	0	0
Ratfish.....	0	0	0	0	22	0	0	0	0	0
Pac. Ocean perch.....	0	14	0	0	360640	502	95	0	0	0
Nominal POP.....	31	5165	0	81	518009	340	3091	0	0	0
Rockfish, widow.....	0	819	0	3491	1685028	1180026	4168	0	0	0
Rockfish, yellowtail.	0	18841	0	68402	2394043	31736	95361	0	0	0
Rkfish, Sebastolobus..	192	7746	0	13	4086254	8	116	0	0	0
Rockfish, other spp..	910	192610	0	570392	1919692	31208	153751	0	0	0
Sablefish.....	753458	2050773	0	42655	2786833	6494	72268	0	0	0
Salmon, chinook.....	0	0	0	0	0	0	0	0	0	0

TABLE 23A. COMMERCIAL FISH AND SHELLFISH ESTIMATED VALUE (\$) BY GEAR IN OREGON, 1992. (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, chum.....	0	0	0	0	0	0	0	0	0	0
Salmon, coho.....	0	0	0	0	0	0	0	0	0	0
Salmon, pink.....	0	0	0	0	0	0	0	0	0	0
Salmon, sockeye.....	0	0	0	0	0	0	0	0	0	0
Sanddab, Pacific.....	0	0	0	0	182322	3	310	0	0	0
Irish lord, red.....	0	0	0	15	0	0	0	0	0	0
Sculpin, buffalo.....	0	0	0	5	0	0	0	0	0	0
Shad, American.....	0	0	0	0	521	0	0	0	0	0
Shark, blue.....	0	46	0	0	0	0	0	0	0	0
Shark, sixgill.....	0	0	0	0	0	0	7	0	0	0
Shark, soupfin.....	0	387	0	400	2394	0	406	0	0	0
Shark, spiny dogfish.	0	6	0	20	4656	0	30	0	0	0
Shark, thresher.....	0	0	0	0	409	659	0	0	0	0
Skates and rays.....	0	0	0	11	538	0	0	0	0	0
Skilfish.....	0	147	0	0	0	0	0	0	0	0
Smelt.....	0	0	0	145	0	0	0	0	0	0
Sole, butter.....	0	0	0	0	3	0	0	0	0	0
Sole, curlfin (turbot	0	0	0	0	266	0	0	0	0	0
Sole, Dover.....	44	61	0	2	3727353	47	11865	0	0	0
Sole, English.....	0	0	0	0	428317	3	1139	0	0	0
Sole, flathead.....	0	0	0	0	4899	0	22	0	0	0
Sole, petrale.....	0	680	0	292	1354352	8	3223	0	0	0
Sole, rex.....	0	0	0	0	219693	30	161	0	0	0
Sole, rock.....	0	13	0	0	240	1	0	0	0	0
Sole, sand.....	0	0	0	8	278769	0	107	0	0	0
Steelhead.....	0	0	0	0	0	0	0	0	0	0
Sturgeon eggs.....	0	0	0	0	0	0	0	0	0	0
Sturgeon, green.....	0	0	0	0	3127	0	0	0	0	0
Sturgeon, white.....	0	0	0	0	1179	0	0	0	0	0

TABLE 23A. COMMERCIAL FISH AND SHELLFISH ESTIMATED VALUE (\$) BY GEAR IN OREGON, 1992. (CONT.)

SPECIES	FISH POT	BOTTOM LONGLINE	PELAGIC LONGLINE	OTHER HOOK&LINE	GROUND FISH TRAWL	MIDWATER TRAWL	SHRIMP TRAWL	SQUID NET	OCEAN GILLNET	SHRIMP POT
Sucker, bridgelip....	0	0	0	0	0	0	0	0	0	0
Sucker, largescale...	0	0	0	0	0	0	0	0	0	0
Surfperch.....	0	0	0	3529	0	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	2554	5064708	189	0	0	0
Wolf-eel.....	0	29	0	271	76	0	0	0	0	0
Wrymouth, Giant.....	0	0	0	0	76	0	7	0	0	0
CRUSTACEANS:										
Crab, box.....	0	0	0	0	507	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, 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	9	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	17186998	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
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.....	40	562	0	93	9151	0	3573	0	0	0

TABLE 23A. COMMERCIAL FISH AND SHELLFISH ESTIMATED VALUE (\$) BY GEAR IN OREGON, 1992. (CONT.)

SPECIES	FISH POT	BOTTOM LONGLINE	PELAGIC LONGLINE	OTHER HOOK&LINE	GROUND FISH TRAWL	MIDWATER TRAWL	SHRIMP TRAWL	SQUID NET	OCEAN GILLNET	SHRIMP POT
Scallops, rock.....	0	0	0	0	0	0	0	0	0	0
Scallops, weathervane	0	0	0	0	0	0	0	0	0	0
Squid.....	0	0	0	0	1607	0	0	0	0	0
OTHER INVERTEBRATES:										
Sea urchins, purple..	0	0	0	0	0	0	0	0	0	0
Sea urchins, red.....	0	0	0	0	0	0	0	0	0	0
TOTAL	922296	3127442	0	780040	21289864	6316185	17549708	0	0	0

TABLE 23A. COMMERCIAL FISH AND SHELLFISH ESTIMATED VALUE (\$) BY GEAR IN OREGON, 1992. (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
FISH:											
Cabazon.....	65	0	0	0	0	0	0	0	0	0	7655
Carp.....	0	0	0	0	0	0	0	0	0	0	20
Dace, speckled.....	0	0	0	0	0	0	0	0	68	0	68
Minnow, fathead.....	0	0	0	0	0	0	0	0	11	0	11
Shiner, redbreast.....	0	0	0	0	0	0	0	0	256	0	256
Squawfish, northern...	0	0	0	0	0	0	0	0	52	0	52
Cod, Pacific.....	0	0	0	0	0	0	0	0	0	0	306304
Flounder, arrowtooth..	0	0	0	0	0	0	0	0	0	0	480458
Flounder, starry.....	4	0	0	0	0	0	0	0	0	0	49744
Greenling.....	0	0	0	0	0	0	0	0	0	0	31
Grenadier.....	0	0	0	0	0	0	0	0	0	0	23232
Hagfish.....	0	0	0	0	0	0	0	0	0	0	167523
Halibut, California...	0	0	0	0	0	0	0	0	0	0	44
Halibut, Pacific.....	0	0	0	0	0	0	0	0	0	0	827775
Herring, Pacific.....	0	0	0	0	0	0	0	0	142252	0	142710
Lamprey.....	0	0	0	0	0	2381	0	0	0	0	2381
Lingcod.....	160	0	0	0	0	0	0	0	0	0	579369
Mackerel.....	0	0	0	0	0	0	0	0	0	0	956
Pollock, walleye.....	0	0	0	0	0	0	0	0	0	0	24
Ratfish.....	0	0	0	0	0	0	0	0	0	0	22
Pac. Ocean perch.....	0	0	0	0	0	0	0	0	0	0	361251
Nominal POP.....	0	0	0	0	0	0	0	0	0	0	526718
Rockfish, widow.....	0	0	0	0	0	0	0	0	0	0	2873690
Rockfish, yellowtail..	0	0	0	0	0	0	0	0	0	0	2608814
Rkfsh, Sebastolobus...	0	0	0	0	0	0	0	0	0	0	4094329
Rockfish, other spp...	397	0	0	0	0	0	0	0	0	0	2892963
Sablefish.....	0	0	0	0	0	0	0	0	0	0	5712658
Salmon, chinook.....	0	0	0	0	0	0	0	0	0	0	3120564

TABLE 23A. COMMERCIAL FISH AND SHELLFISH ESTIMATED VALUE (\$) BY GEAR IN OREGON, 1992. (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
Salmon, chum.....	0	0	0	0	0	0	0	0	0	684
Salmon, coho.....	0	0	0	0	0	0	0	0	0	410281
Salmon, pink.....	0	0	0	0	0	0	0	0	0	14
Salmon, sockeye.....	0	0	0	0	0	0	0	0	0	7
Sanddab, Pacific.....	0	0	0	0	0	0	0	0	0	182641
Irish lord, red.....	0	0	0	0	0	0	0	0	0	15
Sculpin, buffalo.....	0	0	0	0	0	0	0	0	0	5
Shad, American.....	0	0	0	0	0	0	0	0	0	76704
Shark, blue.....	0	0	0	0	0	0	0	0	0	86
Shark, sixgill.....	0	0	0	0	0	0	0	0	0	7
Shark, soupfin.....	0	0	0	0	0	0	0	0	0	3657
Shark, spiny dogfish..	0	0	0	0	0	0	0	0	0	4712
Shark, thresher.....	0	0	0	0	0	0	0	0	0	1068
Skates and rays.....	0	0	0	0	0	0	0	0	0	549
Skilfish.....	0	0	0	0	0	0	0	0	0	147
Smelt.....	0	0	0	0	0	0	0	261	0	2676
Sole, butter.....	0	0	0	0	0	0	0	0	0	3
Sole, curlfin (turbot)	0	0	0	0	0	0	0	0	0	266
Sole, Dover.....	0	0	0	0	0	0	0	0	0	3739372
Sole, English.....	0	0	0	0	0	0	0	0	0	429459
Sole, flathead.....	0	0	0	0	0	0	0	0	0	4921
Sole, petrale.....	0	0	0	0	0	0	0	0	0	1358558
Sole, rex.....	0	0	0	0	0	0	0	0	0	219884
Sole, rock.....	0	0	0	0	0	0	0	0	0	254
Sole, sand.....	8	0	0	0	0	0	0	0	0	278892
Steelhead.....	0	0	0	0	0	0	0	0	0	155989
Sturgeon eggs.....	0	0	0	0	0	0	0	0	0	800
Sturgeon, green.....	0	0	0	0	0	0	0	0	0	10989
Sturgeon, white.....	0	0	0	0	0	0	0	0	0	270484

TABLE 23A. COMMERCIAL FISH AND SHELLFISH ESTIMATED VALUE (\$) BY GEAR IN OREGON, 1992. (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
Sucker, bridgelip.....	0	0	0	0	0	0	0	0	228	0	228
Sucker, largescale....	0	0	0	0	0	0	0	0	7	0	7
Surfperch.....	0	0	0	0	0	0	0	0	0	0	3529
Tuna, albacore.....	0	0	0	0	0	0	0	0	0	0	3968744
Walleye.....	0	0	0	0	0	0	0	0	0	0	2269
Whiting, Pac. (Hake)..	0	0	0	0	0	0	0	0	0	0	5067451
Wolf-eel.....	313	0	0	0	0	0	0	0	0	0	689
Wrymouth, Giant.....	0	0	0	0	0	0	0	0	0	0	83
CRUSTACEANS:											
Crab, box.....	26	0	0	0	0	0	70	0	0	0	603
Crab, Dungeness, bay..	0	136975	0	0	0	0	0	0	0	0	136975
Crab, Dungeness, ocean	13250824	0	0	0	0	0	0	0	0	0	13250824
Crab, kelp.....	0	0	0	0	0	16	0	0	0	0	16
Crab, rock.....	0	204	0	0	0	0	0	0	0	0	204
Crab, tanner.....	0	0	0	0	0	0	0	0	0	0	9
Crayfish.....	0	0	0	0	0	0	0	0	74	107097	107171
Shrimp, brine.....	0	0	0	0	0	37145	0	0	0	0	37145
Shrimp, ghost.....	0	0	0	0	0	0	0	132328	0	0	132328
Shrimp, mud.....	0	0	0	0	0	0	0	65308	0	0	65308
Shrimp, pink.....	0	0	0	0	0	0	0	0	0	0	17186998
MOLLUSKS:											
Clams, butter.....	0	0	919	0	0	197	0	0	0	0	1116
Clams, cockle.....	0	0	1887	0	0	15345	0	0	0	0	17232
Clams, gaper.....	0	0	190	0	0	5149	0	0	0	0	5339
Clams, littleneck.....	0	0	2421	0	0	13988	0	0	0	0	16409
Clams, softshell.....	0	0	4441	0	0	50	0	0	0	0	4491
Mussels, ocean.....	0	0	0	0	0	5848	0	0	0	0	5848
Mussels, freshwater...	0	0	0	0	0	15647	0	0	0	0	15647
Octopus.....	6347	0	0	0	0	1712	0	0	0	0	21478

TABLE 23A. COMMERCIAL FISH AND SHELLFISH ESTIMATED VALUE (\$) BY GEAR IN OREGON, 1992. (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
Scallops, rock.....	0	0	0	0	203	0	0	0	0	203
Scallops, weathervane	0	0	0	0	0	1415	0	0	0	1415
Squid.....	0	0	0	0	0	0	0	0	0	1607
OTHER INVERTEBRATES:										
Sea urchins, purple...	0	0	0	0	65849	0	0	0	0	65849
Sea urchins, red.....	0	0	0	0	2212906	0	0	0	0	2212906
TOTAL	13258144	137179	9858	0	2376436	1485	197636	143209	107097	74262867

TABLE 24. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR IN OREGON, 1992.

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
TROLL													
FISH:													
Cabezon.....	0	0	0	0	51	0	0	0	0	0	0	0	51
Cod, Pacific.....	0	0	0	0	0	21	0	0	0	0	0	0	21
Halibut, Pacific.....	0	0	0	0	0	0	146	660	0	0	0	0	806
Lingcod.....	0	0	0	0	1757	117	1529	2496	2580	1953	0	0	10432
Mackerel.....	0	0	0	0	0	257	31	182	4	0	0	0	474
Nominal POP.....	0	0	0	0	0	0	0	0	0	5	0	0	5
Rockfish, widow.....	0	0	0	0	0	547	0	0	0	0	0	0	547
Rockfish, yellowtail..	0	0	0	0	192	0	108	0	692	386	0	0	1378
Rockfish, other spp...	0	0	0	0	7947	1529	5505	21761	11927	18624	0	0	67293
Sablefish.....	0	0	0	0	0	0	0	16	0	119	0	0	135
Salmon, chinook.....	0	0	0	0	228746	26956	262421	310307	136876	199504	0	0	1164810
Salmon, chum.....	0	0	0	0	0	0	0	0	0	35	0	0	35
Salmon, coho.....	0	0	0	0	0	0	83527	154011	8	70	0	0	237616
Salmon, pink.....	0	0	0	0	0	0	0	19	0	0	0	0	19
Sanddab, Pacific.....	0	0	0	0	19	0	0	0	0	0	0	0	19
Shark, blue.....	0	0	0	0	0	0	0	50	0	0	0	0	50
Shark, soupfin.....	0	0	0	0	0	0	0	70	0	0	0	0	70
Sole, petrale.....	0	0	0	0	0	0	0	2	0	2	0	0	4
Tuna, albacore.....	0	0	0	0	0	0	25328	1946010	1403024	483466	37790	0	3895618
TOTAL	0	0	0	0	238712	29427	378595	2435584	1555111	704164	37790	0	5379383
COASTAL GILLNET													
FISH:													
Shad, American.....	0	0	0	0	14609	14014	0	0	0	0	0	0	28623
TOTAL	0	0	0	0	14609	14014	0	0	0	0	0	0	28623

TABLE 24. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR IN OREGON, 1992. (CONT.)

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
COL. R. GILLNET													
FISH:													
Flounder, starry.....	0	399	0	0	9	0	0	71	48	0	0	0	527
Salmon, chinook.....	0	70890	0	833	2515	0	0	7270	201648	35231	0	0	318387
Salmon, chum.....	0	0	0	0	0	0	0	0	0	2751	0	0	2751
Salmon, coho.....	0	0	0	0	0	0	0	1291	97053	108182	0	0	206526
Shad, American.....	0	0	0	0	153739	240613	0	0	0	0	0	0	394352
Smelt.....	0	1999	0	0	0	0	0	0	0	0	0	0	1999
Sturgeon, green.....	0	46	0	0	0	0	0	0	18605	94	0	0	18745
Sturgeon, white.....	0	26606	0	114	267	0	0	151	58113	21983	0	0	107234
TOTAL	0	99940	0	947	156530	240613	0	8783	375467	168241	0	0	1050521
COL. R. SETNET													
FISH:													
Carp.....	0	0	0	0	0	0	0	207	11	0	0	0	218
Salmon, chinook.....	0	0	274	0	0	0	0	5708	155388	22167	0	0	183537
Salmon, coho.....	0	63	0	0	0	0	0	5	1004	586	0	0	1658
Salmon, sockeye.....	0	0	0	0	0	0	0	11	0	0	0	0	11
Steelhead.....	0	4193	4912	0	0	0	0	50228	122915	18943	0	0	201191
Sturgeon eggs.....	0	10	0	0	0	0	0	0	0	0	0	0	10
Sturgeon, white.....	0	15605	2065	0	0	0	0	0	0	0	0	0	17670
Walleye.....	0	323	846	0	0	0	0	466	582	767	0	0	2984
TOTAL	0	20194	8097	0	0	0	0	56625	279900	42463	0	0	407279
COL. R. SETLINE													
FISH:													
Sturgeon, white.....	3320	4082	543	6563	0	0	6668	0	0	675	4268	0	26119
TOTAL	3320	4082	543	6563	0	0	6668	0	0	675	4268	0	26119

TABLE 24. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR IN OREGON, 1992. (CONT.)

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
COL. R. DIPNET													
FISH:													
Salmon, chinook.....	0	0	0	0	0	0	0	417	9464	336	0	0	10217
Salmon, coho.....	0	0	0	0	0	0	0	0	633	21	0	0	654
Smelt.....	0	344	0	0	0	0	0	0	0	0	0	0	344
Steelhead.....	0	67	161	0	0	0	0	19682	16517	98	0	0	36525
TOTAL	0	411	161	0	0	0	0	20099	26614	455	0	0	47740
SMELT TRAWL													
FISH:													
Smelt.....	0	150	151	0	0	0	0	0	0	0	0	0	301
TOTAL	0	150	151	0	0	0	0	0	0	0	0	0	301
FISH POT													
FISH:													
Cabezon.....	0	0	0	19	0	0	5	0	0	0	0	0	24
Flounder, arrowtooth..	0	0	5	0	0	6	0	0	0	0	0	0	11
Hagfish.....	67884	145753	192907	122340	68256	22743	8271	58227	39856	0	14619	10425	751281
Lingcod.....	0	0	0	0	139	24	25	0	0	0	0	0	188
Nominal POP.....	0	0	0	0	70	29	0	0	0	0	0	0	99
Rkfsh, Sebastolobus...	0	0	2	0	398	0	0	0	0	0	0	0	400
Rockfish, other spp...	0	0	9	0	1419	2	838	0	0	0	0	0	2268
Sablefish.....	0	2134	153528	10203	707583	14878	9772	0	0	0	0	0	898098
Sole, Dover.....	0	0	43	0	21	73	4	0	0	0	0	0	141
MOLLUSKS:													
Octopus.....	0	0	0	0	0	0	79	0	0	0	0	0	79
TOTAL	67884	147887	346494	132562	777886	37755	18994	58227	39856	0	14619	10425	1652589

TABLE 24. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR IN OREGON, 1992. (CONT.)

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
BOTTOM LONGLINE													
FISH:													
Cabezon.....	0	9	0	0	50	17	0	91	0	0	24	0	191
Cod, Pacific.....	0	0	117	44	9	10	22	113	203	40	0	0	558
Flounder, arrowtooth..	0	0	45	0	599	0	46	47	0	0	0	0	737
Greenling.....	0	0	0	2	0	1	0	0	0	0	0	0	3
Grenadier.....	0	0	12	0	0	0	0	0	0	0	0	0	12
Halibut, Pacific.....	0	0	0	0	0	308902	78157	134470	115796	72974	0	0	710299
Lingcod.....	0	13812	3810	1338	1397	2179	2628	1094	7122	1323	1594	3124	39421
Pac. Ocean perch.....	0	0	0	0	0	0	0	0	0	6	0	33	39
Nominal POP.....	0	345	3819	175	9441	398	1024	1768	46	3	0	0	17019
Rockfish, widow.....	0	0	33	146	230	0	0	0	285	35	198	686	1613
Rockfish, yellowtail..	0	1775	292	4013	1529	14163	9596	2597	5639	5939	1365	4335	51243
Rkfsh, Sebastolobus...	6	177	1916	590	7888	284	428	0	1578	29	43	0	12939
Rockfish, other spp...	59	32786	32578	34631	91424	39518	40442	30461	37845	8717	3809	7580	359850
Sablefish.....	2281	10973	341727	68193	1466078	32717	21298	31686	179413	9268	3368	0	2167002
Shark, blue.....	0	0	0	0	0	0	46	0	0	0	0	0	46
Shark, soupfin.....	0	45	23	0	254	79	42	0	0	0	49	45	537
Shark, spiny dogfish..	0	0	0	0	0	0	0	5	0	0	0	0	5
Skilfish.....	0	0	147	0	0	0	0	0	0	0	0	0	147
Sole, Dover.....	0	0	3	0	162	11	5	2	0	0	0	0	183
Sole, petrale.....	0	0	0	3	13	110	7	309	247	90	0	0	779
Sole, rock.....	0	0	0	38	0	0	0	0	0	0	0	0	38
Wolf-eel.....	0	0	10	6	14	42	5	28	14	8	23	0	150
MOLLUSKS:													
Octopus.....	0	369	0	12	10	141	0	30	69	48	0	0	679
TOTAL	2346	60291	384532	109191	1579098	398572	153746	202701	348257	98480	10473	15803	3363490

TABLE 24. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR IN OREGON, 1992. (CONT.)

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
OTHER HOOK & LINE													
FISH:													
Cabezon.....	52	431	2923	2958	2095	1598	1072	1347	672	947	433	0	14528
Cod, Pacific.....	0	0	71	76	0	0	3	0	0	0	0	0	150
Flounder, arrowtooth..	0	0	0	0	100	0	4	0	0	0	0	0	104
Flounder, starry.....	0	0	0	0	14	2	0	0	0	2	0	0	18
Greenling.....	0	0	2	0	4	2	0	1	0	3	0	0	12
Herring, Pacific.....	0	623	169	0	0	0	0	30	0	0	0	0	822
Lingcod.....	3836	16137	27669	13887	14786	11077	12422	8144	5438	4721	17242	2949	138308
Mackerel.....	0	0	0	0	2	54	96	2	0	0	0	0	154
Nominal POP.....	0	0	43	9	12	21	212	2	12	23	0	0	334
Rockfish, widow.....	1790	301	851	138	197	139	312	642	327	169	3403	1790	10059
Rockfish, yellowtail..	8280	8003	36943	26568	5955	16998	11855	14014	17979	22672	15921	5067	190255
Rkfish, Sebastolobus...	0	0	0	0	0	21	0	0	0	0	0	4	25
Rockfish, other spp...	60592	152658	249941	84470	67483	163118	139732	95029	66927	23895	38940	15130	1157915
Sablefish.....	75	0	1983	250	755	3842	4338	7017	9589	2287	42	159	30337
Irish Lord, red.....	0	0	0	0	2	0	0	0	0	0	0	0	2
Sculpin, buffalo.....	0	0	0	0	0	0	0	2	0	0	0	0	2
Shark, soupfin.....	0	130	0	24	0	78	30	0	129	0	0	0	391
Shark, spiny dogfish..	0	0	0	0	0	0	15	0	0	0	0	0	15
Skates and rays.....	0	0	0	0	0	0	30	0	0	0	0	0	30
Smelt.....	0	0	0	0	0	0	0	362	0	0	0	0	362
Sole, Dover.....	0	0	0	0	0	5	0	0	0	0	0	0	5
Sole, petrale.....	0	0	0	2	0	5	314	0	17	0	4	0	342
Sole, sand.....	0	0	0	0	0	0	0	5	0	2	0	0	7
Surfperch.....	0	0	374	436	197	493	1731	181	12	172	0	0	3596
Wolf-eel.....	0	0	44	21	27	81	76	143	83	12	0	0	487
MOLLUSKS:													
Octopus.....	0	0	48	0	0	45	49	0	21	0	0	0	163
TOTAL	74625	178283	321061	128839	91629	197579	172291	126921	101206	54905	75985	25099	1548423

TABLE 24. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR IN OREGON, 1992. (CONT.)

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
GROUND FISH TRAWL													
FISH:													
Cabezon.....	0	0	0	0	11	12	683	110	0	98	0	0	914
Cod, Pacific.....	28473	21872	27693	25831	169187	256206	191394	100687	45864	19304	10571	14758	911840
Flounder, arrowtooth..	97061	115364	347075	195639	707330	980607	698293	551741	523937	142242	103644	72725	4535658
Flounder, starry.....	58	210	6737	4510	10786	27785	43431	30156	12954	18090	1298	12	156027
Greenling.....	0	0	0	0	0	0	0	0	20	0	0	0	20
Grenadier.....	15017	15236	31722	14800	28466	59709	36170	34081	32848	18653	16606	7139	310447
Halibut, California...	0	0	0	0	0	16	0	0	0	0	0	0	16
Halibut, Pacific.....	95	254	0	0	177	41	112	63	27	0	0	0	769
Lingcod.....	36919	75306	88112	86917	178616	175222	270834	189699	92755	90854	42168	20398	1347800
Mackerel.....	0	0	0	0	0	0	0	0	0	998	0	0	998
Pollock, walleye.....	0	0	120	0	0	0	0	0	0	0	0	0	120
Ratfish.....	0	0	217	0	0	0	0	0	0	0	0	0	217
Pac. Ocean perch.....	79074	72151	102770	69083	124574	151539	182500	131796	100384	82911	41307	45375	1183464
Nominal POP.....	136807	186413	205623	60141	212546	131215	160294	172043	191056	154148	153455	180972	1944713
Rockfish, widow.....	712184	846643	724855	434536	539881	588586	793324	446921	197609	245381	146693	416185	6092798
Rockfish, yellowtail..	772658	1459729	960166	651711	658621	822210	891773	379055	423593	231080	237921	206812	7695329
Rkfsh, Sebastolobus...	760589	853287	1382488	436306	751296	1197509	1050336	879741	805397	543633	492343	271499	9424424
Rockfish, other spp...	432504	414161	579042	487844	796055	834196	861975	559795	446504	359064	295741	266755	6333636
Sablefish.....	367337	341033	654623	389755	455729	605909	498992	489566	523751	419199	405493	255816	5407203
Sanddab, Pacific.....	6204	43381	106542	171902	42604	22260	37246	51529	52086	46550	54323	2499	637126
Shad, American.....	0	0	0	0	0	0	865	1435	435	14	0	0	2749
Shark, blue.....	0	0	0	0	0	0	29	0	0	0	0	0	29
Shark, soupfin.....	341	903	150	31	170	216	534	12	8	103	398	197	3063
Shark, spiny dogfish..	951	50	0	0	25	0	10	50	65	11422	2293	12303	27169
Shark, thresher.....	0	0	0	0	0	0	52	0	376	0	0	0	428
Skates and rays.....	0	749	912	21	187	34	0	0	48	149	588	43	2731
Sole, butter.....	0	0	0	0	12	0	0	99	56	0	0	0	167
Sole, curlfin (turbot)	0	0	0	0	119	368	132	2	11	9	207	0	848

TABLE 24. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR IN OREGON, 1992. (CONT.)

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
Sole, Dover.....	828631	888163	2535662	1407484	1075624	1092041	846760	829032	1133252	1007969	1027230	682149	13353997
Sole, English.....	67964	121881	138975	45977	148513	104272	159450	154956	184650	138866	59922	54852	1380278
Sole, flathead.....	0	922	100	0	7	5567	3935	5672	1310	92	0	416	18021
Sole, petrale.....	435187	168091	94862	37497	76514	60398	70601	63480	61726	69507	177737	379146	1694746
Sole, rex.....	40434	110905	89017	22245	86301	87272	64824	51126	79318	52846	24380	21561	730229
Sole, rock.....	17	0	83	0	29	314	41	71	6	94	14	14	683
Sole, sand.....	1364	170	10323	6555	44017	82448	71275	70746	62129	33611	5921	0	388559
Sturgeon, green.....	72	0	103	52	930	330	86	289	439	1257	54	0	3612
Sturgeon, white.....	0	0	0	36	0	95	150	345	328	40	0	0	994
Whiting, Pac. (Hake)..	0	0	8	0	20957	2798	11720	358	0	5885	0	0	41726
Wolf-eel.....	0	30	31	16	42	88	56	60	0	6	0	0	329
Wrymouth, Giant.....	0	0	0	0	50	271	28	0	0	0	0	14	363
CRUSTACEANS:													
Crab, box.....	0	12	0	0	2	0	98	6	228	161	0	0	507
Crab, tanner.....	0	0	0	0	0	0	0	0	0	9	0	0	9
MOLLUSKS:													
Octopus.....	656	537	192	263	1107	1461	1953	791	749	1045	97	182	9033
Squid.....	0	0	0	0	11727	134	208	84	16	53	152	0	12374
TOTAL	4820597	5737453	8088203	4549152	6142212	7291129	6950164	5195597	4973935	3695343	3300556	2911822	63656163
MIDWATER TRAWL													
FISH:													
Cod, Pacific.....	0	0	0	0	0	0	0	5	10	6	0	0	21
Flounder, arrowtooth..	0	0	0	0	0	0	0	7	21	13	0	0	41
Herring, Pacific.....	0	0	0	0	0	0	0	54	2742	557	0	0	3353
Lingcod.....	0	0	0	130	0	0	47	13	86	176	0	0	452
Mackerel.....	0	0	0	0	19128	76881	128012	396216	810083	283030	0	0	1713350
Ratfish.....	0	0	0	0	0	0	0	0	0	36	0	0	36
Pac. Ocean perch.....	0	0	0	0	106	0	0	0	965	1023	0	0	2094
Nominal POP.....	0	460	0	0	0	0	0	918	0	5134	0	0	6512

TABLE 24. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR IN OREGON, 1992. (CONT.)

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
Rockfish, widow.....	509961	723707	419177	305668	303126	197905	254919	455242	890218	176702	112784	542759	4892168
Rockfish, yellowtail..	0	8033	0	9903	10729	1255	22491	2330	30630	26616	5789	2571	120347
Rkfsh, Sebastolobus...	0	0	0	0	0	0	0	0	12	36	0	0	48
Rockfish, other spp...	29855	1566	79	17866	23499	422	3921	23143	9012	18708	0	257	128328
Sablefish.....	0	0	0	0	3651	851	4450	13815	2894	1604	0	0	27265
Sanddab, Pacific.....	0	0	0	0	0	0	0	7	8363	58	0	0	8428
Sardine, Pacific.....	0	0	0	0	0	0	1	55	8210	302	0	0	8568
Shad, American.....	0	0	0	0	0	2	187	1411	1332	978	0	0	3910
Shark, soupfin.....	0	0	0	0	0	0	0	46	0	0	0	0	46
Shark, spiny dogfish..	0	0	0	0	0	0	6426	55974	11190	20703	0	0	94293
Shark, thresher.....	0	0	0	0	0	0	0	878	0	0	0	0	878
Skates and rays.....	0	0	0	0	0	0	24	46	237	176	0	0	483
Sole, Dover.....	0	0	0	0	0	0	0	0	141	51	0	0	192
Sole, English.....	0	0	0	7	0	0	0	0	4	4	0	0	15
Sole, flathead.....	0	0	0	0	0	0	0	0	2	0	0	0	2
Sole, petrale.....	0	0	0	0	0	0	0	2	4	5	0	3	14
Sole, rex.....	0	0	0	0	0	0	0	1	91	15	0	0	107
Sole, rock.....	0	0	0	0	0	0	0	0	3	0	0	0	3
Whiting, Pac. (Hake)..	0	0	0	1993242	9568861	14219602	17349975	20222351	24857419	19682516	0	0	107893966
MOLLUSKS:													
Octopus.....	0	0	0	0	0	0	0	0	0	12	0	0	12
Squid.....	0	0	0	0	0	11	8	0	840	111	0	0	970
TOTAL	539816	733766	419256	2326816	9929100	14496929	17770461	21172514	26634509	20218572	118573	545590	114905902
SHRIMP TRAWL													
FISH:													
Cod, Pacific.....	0	0	0	131	26	422	1286	1473	709	535	0	0	4582
Flounder, arrowtooth..	0	0	0	126	33	678	2484	2343	1612	109	0	0	7385
Flounder, starry.....	0	0	0	0	0	0	0	6	0	0	0	0	6
Lingcod.....	0	0	0	5348	3493	2700	5950	7304	3670	2739	0	0	31204

TABLE 24. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR IN OREGON, 1992. (CONT.)

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
Mackerel.....	0	0	0	0	0	0	0	0	1965	0	0	0	1965
Pac. Ocean perch.....	0	0	0	0	412	66	0	0	0	0	0	0	478
Nominal POP.....	0	0	0	1905	5300	378	2491	1638	498	41	0	0	12251
Rockfish, widow.....	0	0	0	2918	3828	602	1780	2225	1714	1475	0	0	14542
Rockfish, yellowtail..	0	0	0	65476	36265	42312	30901	29561	35819	75280	0	0	315614
Rkfish, Sebastolobus...	0	0	0	9	0	8	98	53	36	60	0	0	264
Rockfish, other spp...	0	0	0	68810	61520	81610	71297	86246	112103	46419	0	0	528005
Sablefish.....	0	0	0	11047	2468	7998	25527	38634	84477	26084	0	0	196235
Sanddab, Pacific.....	0	0	0	0	80	90	45	24	528	202	0	0	969
Shark, sixgill.....	0	0	0	0	0	0	0	13	0	0	0	0	13
Shark, soupfin.....	0	0	0	0	30	124	62	85	59	121	0	0	481
Shark, spiny dogfish..	0	0	0	0	30	0	0	25	38	0	0	0	93
Sole, Dover.....	0	0	0	1807	2456	4923	11458	9363	9721	4921	0	0	44649
Sole, English.....	0	0	0	275	105	236	913	1041	891	209	0	0	3670
Sole, flathead.....	0	0	0	16	0	18	16	0	0	23	0	0	73
Sole, petrale.....	0	0	0	1037	73	230	502	560	794	847	0	0	4043
Sole, rex.....	0	0	0	91	40	308	7	17	0	13	0	0	476
Sole, sand.....	0	0	0	0	0	100	43	0	0	0	0	0	143
Whiting, Pac. (Hake)..	0	0	0	0	0	0	0	0	3780	0	0	0	3780
Wrymouth, Giant.....	0	0	0	0	0	0	26	0	0	0	0	0	26
CRUSTACEANS:													
Shrimp, pink.....	0	0	0	10410311	4491657	7359004	9301995	7606983	5180622	3682684	0	0	48033256
MOLLUSKS:													
Octopus.....	0	0	0	827	189	32	503	1369	723	631	0	0	4274
TOTAL	0	0	0	10570134	4608005	7501839	9457384	7788963	5439759	3842393	0	0	49208477
CRAB POT													
FISH:													
Cabezon.....	6	61	34	4	128	0	0	0	0	0	0	0	233

TABLE 24. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR IN OREGON, 1992. (CONT.)

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
Flounder, starry.....	0	0	11	0	0	0	0	0	0	0	0	0	11
Lingcod.....	46	0	101	16	44	0	0	0	0	0	0	9	216
Rockfish, other spp...	201	318	166	59	61	0	0	0	0	0	0	15	820
Sole, sand.....	0	15	0	0	0	0	0	0	0	0	0	0	15
Wolf-eel.....	0	0	0	102	170	229	11	29	0	0	0	0	541
CRUSTACEANS:													
Crab, box.....	0	0	0	0	0	26	0	0	0	0	0	0	26
Crab, Dungeness, ocean	3033492	943495	354510	195240	180084	206182	346772	263075	118	0	0	6287951	11810919
MOLLUSKS:													
Octopus.....	1256	352	1120	459	96	98	100	24	57	0	0	1939	5501
TOTAL	3035001	944241	355942	195880	180583	206535	346883	263128	175	0	0	6289914	11818282
CRAB RING													
CRUSTACEANS:													
Crab, Dungeness, bay..	8	0	0	0	0	0	0	0	38828	43568	14281	498	97183
Crab, rock.....	85	63	0	0	0	0	26	0	113	0	0	0	287
TOTAL	93	63	0	0	0	0	26	0	38941	43568	14281	498	97470
CLAM SHOVEL OR RAKE													
MOLLUSKS:													
Clams, butter.....	0	0	30	40	440	65	100	0	35	0	0	25	735
Clams, cockle.....	0	0	0	721	2340	240	65	653	0	21	0	0	4040
Clams, gaper.....	0	0	0	0	0	0	75	0	0	0	20	0	95
Clams, littleneck....	0	0	0	0	0	0	352	300	770	4	0	0	1426
Clams, softshell.....	556	516	631	316	643	580	780	704	568	412	148	358	6212
TOTAL	556	516	661	1077	3423	885	1372	1657	1373	437	168	383	12508
HAND DEVICE													
FISH:													
Lamprey.....	0	0	0	0	0	9089	0	0	0	0	0	0	9089

TABLE 24. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR IN OREGON, 1992. (CONT.)

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
CRUSTACEANS:													
Crab, kelp.....	8	0	0	0	0	0	0	0	0	0	0	0	8
Shrimp, brine.....	0	0	0	0	22800	9900	11000	0	0	0	0	0	43700
MOLLUSKS:													
Clams, butter.....	0	0	30	0	0	0	65	0	120	7	0	26	248
Clams, cockle.....	3393	0	200	2895	3463	1619	4700	2352	2051	371	6272	6128	33444
Clams, gaper.....	0	0	0	0	0	0	2038	3608	1206	1542	862	0	9256
Clams, littleneck.....	0	0	260	275	580	1128	2086	2509	1082	807	0	127	8854
Clams, softshell.....	0	0	0	0	0	0	0	0	0	0	0	25	25
Mussels, ocean.....	2405	3772	7510	3327	3105	1097	0	111	495	50	0	600	22472
Mussels, freshwater...	0	0	14720	0	0	0	0	3127	4868	0	0	0	22715
Octopus.....	0	0	0	0	0	0	0	0	38	370	0	20	428
Scallops, rock.....	0	0	0	0	0	29	0	0	0	0	0	0	29
OTHER INVERTEBRATES:													
Sea urchins, purple...	0	0	89	0	623	0	0	0	26165	45622	17809	6575	96883
Sea urchins, red.....	167240	233075	357597	312608	382080	130445	355863	168160	128385	178416	228945	214578	2857392
TOTAL	173046	236847	380406	319105	412651	153307	375752	179867	164410	227185	253888	228079	3104543
SCALLOP DREDGE													
CRUSTACEANS:													
Crab, box.....	0	0	87	0	0	0	0	0	0	0	0	0	87
MOLLUSKS:													
Scallops, weathervane	0	0	1944	0	0	0	0	0	0	0	0	0	1944
TOTAL	0	0	2031	0	0	0	0	0	0	0	0	0	2031
BAITSHRIMP PUMP													
CRUSTACEANS:													
Shrimp, ghost.....	6667	5785	7756	9600	13966	8935	8778	7988	10082	11784	5546	3512	100399
Shrimp, mud.....	6649	5794	12087	7419	2857	1176	1731	1001	1106	2233	3009	6079	51141

TABLE 24. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR IN OREGON, 1992. (CONT.)

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
TOTAL	13316	11579	19843	17019	16823	10111	10509	8989	11188	14017	8555	9591	151540
BAITFISH NET													
FISH:													
Dace, speckled.....	0	0	2	2	14	34	14	0	0	0	0	0	66
Minnow, fathead.....	5	0	7	0	2	0	0	0	0	25	30	0	69
Shiner, redbside.....	0	0	16	3	36	72	27	0	0	0	0	0	154
Squawfish, northern...	0	0	3	5	13	0	11	0	0	0	0	0	32
Herring, Pacific.....	0	56747	373278	0	0	0	3000	0	0	0	0	0	433025
Smelt.....	0	0	0	0	100	500	500	165	0	0	0	0	1265
Sucker, bridgelip.....	0	0	39	98	194	0	0	0	0	0	0	0	331
Sucker, largescale....	0	0	0	0	0	14	0	0	0	0	0	0	14
CRUSTACEANS:													
Crayfish.....	0	0	0	0	11	40	20	0	0	0	0	0	71
TOTAL	5	56747	373345	108	370	660	3572	165	0	25	30	0	435027
CRAYFISH TRAP													
CRUSTACEANS:													
Crayfish.....	0	0	0	8859	18976	26925	14853	9746	8574	5054	0	0	92987
TOTAL	0	0	0	8859	18976	26925	14853	9746	8574	5054	0	0	92987
TOTAL	8730605	8232450	10700726	18366252	24170607	30606280	35661270	37529566	39999275	29115977	3839186	10037204	256989398

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, 1992

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:															
Cabezon.....	0	173	3	0	5668	1036	0	0	519	0	206	11	39	0	7655
Carp.....	20	0	0	0	0	0	0	0	0	0	0	0	0	0	20
Dace, speckled.....	0	0	0	0	0	0	0	0	0	0	0	0	0	68	68
Minnow, fathead.....	0	0	0	0	0	0	0	0	0	0	0	0	0	11	11
Shiner, redbside.....	0	0	0	0	0	0	0	0	0	0	0	0	0	256	256
Squawfish, northern...	0	0	0	0	0	0	0	0	0	0	0	0	0	52	52
Cod, Pacific.....	0	280659	3886	0	0	20823	41	0	895	0	0	0	0	0	306304
Flounder, arrowtooth..	0	417093	10117	0	0	25547	105	14	24637	0	15	0	2930	0	480458
Flounder, starry.....	163	41076	764	0	0	4554	131	0	3033	0	0	0	23	0	49744
Greenling.....	0	0	0	0	0	21	0	0	9	0	0	0	1	0	31
Grenadier.....	0	0	0	0	0	380	0	0	22354	0	0	0	498	0	23232
Hagfish.....	0	3121	0	0	0	0	0	0	100044	2632	61726	0	0	0	167523
Halibut, California...	0	0	0	0	0	44	0	0	0	0	0	0	0	0	44
Halibut, Pacific.....	0	622871	335	188	2102	107970	10563	1419	41016	0	26230	0	15081	0	827775
Herring, Pacific.....	0	0	0	0	0	142110	0	600	0	0	0	0	0	0	142710
Lamprey.....	0	0	0	0	0	0	0	0	0	0	0	0	0	2381	2381
Lingcod.....	0	242281	20251	13223	11315	107466	518	2208	136069	21	14430	2817	28748	22	579369
Mackerel.....	0	0	122	2	4	827	1	0	0	0	0	0	0	0	956
Pollock, walleye.....	0	24	0	0	0	0	0	0	0	0	0	0	0	0	24
Ratfish.....	0	22	0	0	0	0	0	0	0	0	0	0	0	0	22
Pac. Ocean perch.....	0	292805	3598	0	0	62828	0	0	2018	0	2	0	0	0	361251
Nominal POP.....	0	22818	34330	0	0	309568	52	14	152044	0	1372	0	6520	0	526718
Rockfish, widow.....	0	1011796	75212	63	46	1072354	5	0	571290	0	1755	32	141137	0	2873690
Rockfish, yellowtail..	0	956969	76819	0	110	1036319	1214	8	489773	0	34677	340	12585	0	2608814
Rkfish, Sebastolobus...	0	1031519	40278	0	0	1025429	245	0	1776424	0	0	0	220434	0	4094329
Rockfish, other spp...	0	894775	82747	50709	7093	1000553	4179	2260	530595	6968	181262	9277	122289	256	2892963
Sablefish.....	0	1818156	65500	0	0	1519157	73621	137763	1425956	0	255376	0	417129	0	5712658
Salmon, chinook.....	631246	41452	246449	39495	19291	1610340	242623	136022	126939	6604	14685	0	2985	2433	3120564

TABLE 42. ESTIMATED VALUE (\$), AT THE FISHERMEN'S LEVEL, OF COMMERCIAL FISH AND SHELLFISH LANDINGS BY PORT IN OREGON, 1992(CONT.)

SPECIES	COLUMBIA			PACIFIC CITY	DEPOE		WINCHESTER			PORT ORFORD	GOLD BEACH	OTHER 2/ BROOKINGS LOCATIONS	TOTAL	
	RIVER 1/	ASTORIA	GARIBALDI		BAY	NEWPORT	FLORENCE	BAY	CHARLESTON					BANDON
Salmon, chum.....	651	0	28	0	0	5	0	0	0	0	0	0	0	684
Salmon, coho.....	187764	3915	29469	11811	2626	112099	29702	14782	13075	846	0	0	4192	410281
Salmon, pink.....	0	0	12	0	0	2	0	0	0	0	0	0	0	14
Salmon, sockeye.....	7	0	0	0	0	0	0	0	0	0	0	0	0	7
Sanddab, Pacific.....	0	40503	1373	0	0	14519	31964	318	93721	0	0	243	0	182641
Irish lord, red.....	0	0	0	0	0	15	0	0	0	0	0	0	0	15
Sculpin, buffalo.....	0	0	0	0	0	5	0	0	0	0	0	0	0	5
Shad, American.....	69797	521	0	0	0	0	0	6386	0	0	0	0	0	76704
Shark, blue.....	0	40	0	0	0	46	0	0	0	0	0	0	0	86
Shark, sixgill.....	0	0	0	0	0	0	0	0	7	0	0	0	0	7
Shark, soupfin.....	0	1510	0	0	105	847	195	78	689	0	49	0	184	3657
Shark, spiny dogfish..	0	4398	0	0	0	261	0	0	28	0	0	0	25	4712
Shark, thresher.....	0	1068	0	0	0	0	0	0	0	0	0	0	0	1068
Skates and rays.....	0	0	0	0	11	277	119	0	142	0	0	0	0	549
Skilfish.....	0	147	0	0	0	0	0	0	0	0	0	0	0	147
Smelt.....	2270	0	0	0	0	0	0	220	0	0	0	186	0	2676
Sole, butter.....	0	3	0	0	0	0	0	0	0	0	0	0	0	3
Sole, curlfin (turbot)	0	0	0	0	0	141	34	0	91	0	0	0	0	266
Sole, Dover.....	0	1446307	126694	0	0	591670	4532	250	1414068	0	40	0	155811	3739372
Sole, English.....	0	217033	11392	0	0	97419	4574	174	95674	0	0	0	3193	429459
Sole, flathead.....	0	4921	0	0	0	0	0	0	0	0	0	0	0	4921
Sole, petrale.....	0	481008	61591	0	0	226596	4345	145	497348	0	25	0	87500	1358558
Sole, rex.....	0	175021	4013	0	0	23610	58	0	9510	0	0	0	7672	219884
Sole, rock.....	0	17	16	0	0	33	0	0	187	0	1	0	0	254
Sole, sand.....	0	139902	15931	0	0	60445	3318	0	59026	0	0	0	270	278892
Steelhead.....	155989	0	0	0	0	0	0	0	0	0	0	0	0	155989
Sturgeon eggs.....	800	0	0	0	0	0	0	0	0	0	0	0	0	800
Sturgeon, green.....	7862	949	0	0	0	1620	51	0	507	0	0	0	0	10989
Sturgeon, white.....	269305	133	0	0	0	175	32	0	839	0	0	0	0	270484

TABLE 42. ESTIMATED VALUE (\$), AT THE FISHERMEN'S LEVEL, OF COMMERCIAL FISH AND SHELLFISH LANDINGS BY PORT IN OREGON, 1992(CONT.)

SPECIES	COLUMBIA			PACIFIC			WINCHESTER			PORT	GOLD		OTHER 2/	TOTAL	
	RIVER 1/	ASTORIA	GARIBALDI	CITY	DEPOE BAY	NEWPORT	FLORENCE	BAY	CHARLESTON	BANDON	ORFORD	BEACH	BROOKINGS		LOCATIONS
Sucker, bridgelip.....	0	0	0	0	0	0	0	0	0	0	0	0	0	228	228
Sucker, largescale....	0	0	0	0	0	0	0	0	0	0	0	0	0	7	7
Surfperch.....	0	0	0	0	0	2674	0	0	0	0	0	0	855	0	3529
Tuna, albacore.....	0	910076	103267	0	317	2305210	25963	160287	347322	0	2000	16699	97603	0	3968744
Walleye.....	2269	0	0	0	0	0	0	0	0	0	0	0	0	0	2269
Whiting, Pac. (Hake)..	0	1118504	103	0	0	3947298	0	0	1546	0	0	0	0	0	5067451
Wolf-eel.....	0	45	20	0	260	148	0	0	197	0	19	0	0	0	689
Wrymouth, Giant.....	0	83	0	0	0	0	0	0	0	0	0	0	0	0	83
CRUSTACEANS:															
Crab, box.....	0	0	0	0	0	533	0	0	70	0	0	0	0	0	603
Crab, Dungeness, bay..	0	0	0	28	0	5183	124	12854	82248	701	0	460	0	35377	136975
Crab, Dungeness, ocean	0	4126918	494963	8143	120955	2857655	302544	611888	1404886	3894	621776	2500	2694702	0	13250824
Crab, kelp.....	0	0	0	0	0	16	0	0	0	0	0	0	0	0	16
Crab, rock.....	0	0	0	0	0	131	0	0	73	0	0	0	0	0	204
Crab, tanner.....	0	0	0	0	0	9	0	0	0	0	0	0	0	0	9
Crayfish.....	0	0	0	0	0	0	0	0	0	0	0	0	0	107171	107171
Shrimp, brine.....	0	0	0	0	0	0	0	0	0	0	0	0	0	37145	37145
Shrimp, ghost.....	0	0	2187	2497	0	0	132	0	7504	0	0	0	0	120008	132328
Shrimp, mud.....	0	0	318	0	0	0	0	0	339	0	0	0	0	64651	65308
Shrimp, pink.....	0	2930612	1058988	0	0	4405679	5239	4149	5735427	8621	14839	0	3023444	0	17186998
MOLLUSKS:															
Clams, butter.....	0	0	620	0	0	0	0	0	496	0	0	0	0	0	1116
Clams, cockle.....	0	0	14611	0	0	0	0	0	1231	0	0	0	0	1390	17232
Clams, gaper.....	0	0	0	0	0	2608	0	0	2731	0	0	0	0	0	5339
Clams, littleneck....	0	0	7601	0	0	0	0	0	18	0	0	0	0	8790	16409
Clams, softshell.....	0	0	50	0	0	0	0	4207	0	234	0	0	0	0	4491
Mussels, ocean.....	0	0	0	0	0	182	975	4510	100	0	0	0	0	81	5848
Mussels, freshwater...	0	0	0	0	0	0	0	0	0	0	0	0	0	15647	15647
Octopus.....	0	3848	145	0	255	9555	49	22	1218	0	1005	0	5381	0	21478

TABLE 42. ESTIMATED VALUE (\$), AT THE FISHERMEN'S LEVEL, OF COMMERCIAL FISH AND SHELLFISH LANDINGS BY PORT IN OREGON, 1992(CONT.)

SPECIES	COLUMBIA			PACIFIC CITY	DEPOE		WINCHESTER			PORT ORFORD	GOLD BEACH	OTHER 2/ BROOKINGS LOCATIONS	TOTAL		
	RIVER 1/	ASTORIA	GARIBALDI		BAY	NEWPORT	FLORENCE	BAY	CHARLESTON					BANDON	
Scallops, rock.....	0	0	0	0	0	0	0	0	203	0	0	0	0	203	
Scallops, weathervane	0	0	0	0	0	0	0	0	1415	0	0	0	0	1415	
Squid.....	0	153	0	0	0	0	0	0	1454	0	0	0	0	1607	
OTHER INVERTEBRATES:															
Sea urchins, purple...	0	0	0	0	49958	0	0	0	15806	0	85	0	0	65849	
Sea urchins, red.....	0	0	0	0	185352	23480	0	0	59622	0	1649134	212855	82463	2212906	
TOTAL	1328143	19285245	2593803	126159	405468	22737472	747248	1100578	15252433	30521	2880709	244991	7129931	400166	74262867

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 43. ESTIMATED VALUE (\$), AT THE FISHERMAN'S LEVEL, OF MONTHLY COMMERCIAL FISH AND SHELLFISH LANDINGS IN OREGON, 1992.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Cabezon.....	7	229	1054	1356	1180	841	749	886	453	619	281	0	7655
Carp.....	0	0	0	0	0	0	0	19	1	0	0	0	20
Dace, speckled.....	0	0	4	2	14	34	14	0	0	0	0	0	68
Minnow, fathead.....	1	0	1	0	0	0	0	0	0	4	5	0	11
Shiner, redbside.....	0	0	48	5	54	108	41	0	0	0	0	0	256
Squawfish, northern...	0	0	6	8	21	0	17	0	0	0	0	0	52
Cod, Pacific.....	9532	7306	9361	8813	56875	84972	64008	34319	15766	6699	3566	5087	306304
Flounder, arrowtooth..	10540	13079	40427	22242	82459	106658	70274	51896	51063	13988	10146	7686	480458
Flounder, starry.....	19	188	2166	1483	3487	8739	13873	9498	4018	5852	417	4	49744
Greenling.....	0	0	1	1	2	10	0	5	6	6	0	0	31
Grenadier.....	1132	1189	2441	1149	2180	4383	2508	2560	2567	1311	1282	530	23232
Hagfish.....	14459	32111	43516	27108	14471	6283	1943	14397	8226	0	2924	2085	167523
Halibut, California...	0	0	0	0	0	44	0	0	0	0	0	0	44
Halibut, Pacific.....	226	628	0	0	341	300892	133830	188806	125072	77980	0	0	827775
Herring, Pacific.....	0	19783	122282	0	0	0	600	45	0	0	0	0	142710
Lamprey.....	0	0	0	0	0	2381	0	0	0	0	0	0	2381
Lingcod.....	14382	41981	48351	40345	72280	68087	103724	73715	41762	36543	24987	13212	579369
Mackerel.....	0	0	0	0	10	79	75	54	329	409	0	0	956
Pollock, walleye.....	0	0	24	0	0	0	0	0	0	0	0	0	24
Ratfish.....	0	0	22	0	0	0	0	0	0	0	0	0	22
Pac. Ocean perch.....	25078	22794	32266	21896	39580	47943	55852	37909	29008	24032	11848	13045	361251
Nominal POP.....	38555	54626	59083	16888	63277	34894	39401	45095	48157	38584	40917	47241	526718
Rockfish, widow.....	326522	434645	328501	213192	242580	219750	284369	204753	233492	83884	64858	237144	2873690
Rockfish, yellowtail..	249841	468846	319764	243555	227586	286075	291601	124449	150493	103766	77589	65249	2608814
Rkfish, Sebastolobus...	326949	361786	616186	192230	328060	528003	451072	374394	342041	236357	216518	120733	4094329
Rockfish, other spp...	176017	231844	329070	236442	350618	382552	373292	255355	216463	143185	105208	92917	2892963
Sablefish.....	196303	183869	808228	285160	2101265	382044	316052	314796	553537	244117	204086	123201	5712658
Salmon, chinook.....	0	213702	822	2499	508186	60964	557553	657360	637263	482215	0	0	3120564
Salmon, chum.....	0	0	0	0	0	0	0	0	0	684	0	0	684

TABLE 43. ESTIMATED VALUE (\$), AT THE FISHERMAN'S LEVEL, OF MONTHLY COMMERCIAL FISH AND SHELLFISH LANDINGS IN OREGON, 1992. (CONT.)

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
Salmon, coho.....	0	7	0	0	0	0	75693	147835	88247	98499	0	0	410281
Salmon, pink.....	0	0	0	0	0	0	0	14	0	0	0	0	14
Salmon, sockeye.....	0	0	0	0	0	0	0	7	0	0	0	0	7
Sanddab, Pacific.....	1513	11608	28169	52080	10754	7320	11517	14517	15312	13529	15540	782	182641
Irish lord, red.....	0	0	0	0	15	0	0	0	0	0	0	0	15
Sculpin, buffalo.....	0	0	0	0	0	0	0	5	0	0	0	0	5
Shad, American.....	0	0	0	0	30129	46054	173	267	78	3	0	0	76704
Shark, blue.....	0	0	0	0	0	0	46	40	0	0	0	0	86
Shark, sixgill.....	0	0	0	0	0	0	0	7	0	0	0	0	7
Shark, soupfin.....	319	918	158	51	306	437	350	139	196	215	377	191	3657
Shark, spiny dogfish..	130	25	0	0	55	0	40	131	65	1142	0	3124	4712
Shark, thresher.....	0	0	0	0	0	0	10	659	399	0	0	0	1068
Skates and rays.....	0	105	108	7	57	11	11	0	80	38	121	11	549
Skilfish.....	0	0	147	0	0	0	0	0	0	0	0	0	147
Smelt.....	0	2119	151	0	20	100	100	186	0	0	0	0	2676
Sole, butter.....	0	0	0	0	3	0	0	0	0	0	0	0	3
Sole, curlfin (turbot)	0	0	0	0	41	113	43	1	3	3	62	0	266
Sole, Dover.....	236071	258037	734789	407945	310602	319843	244585	219734	301544	260641	265274	180307	3739372
Sole, English.....	22087	40066	43430	15232	47562	33711	48061	46622	56053	42774	17386	16475	429459
Sole, flathead.....	0	307	34	5	2	1151	1096	1730	445	33	0	118	4921
Sole, petrale.....	358411	137255	77087	31790	59077	46512	54004	47971	46877	55671	146584	297319	1358558
Sole, rex.....	12928	36578	26613	6897	26272	24540	19171	14158	23210	16336	7072	6109	219884
Sole, rock.....	6	0	29	13	11	113	15	25	3	34	0	5	254
Sole, sand.....	676	136	7500	4748	31942	60060	51789	49173	44527	24088	4253	0	278892
Steelhead.....	0	2289	2762	0	0	0	0	46091	92435	12412	0	0	155989
Sturgeon eggs.....	0	800	0	0	0	0	0	0	0	0	0	0	800
Sturgeon, green.....	54	58	67	40	754	284	64	296	8130	1187	55	0	10989
Sturgeon, white.....	8020	91986	5106	15790	508	82	16329	649	89777	31455	10782	0	270484
Sucker, bridgelip.....	0	0	39	91	98	0	0	0	0	0	0	0	228
Sucker, largescale....	0	0	0	0	0	7	0	0	0	0	0	0	7

TABLE 43. ESTIMATED VALUE (\$), AT THE FISHERMAN'S LEVEL, OF MONTHLY COMMERCIAL FISH AND SHELLFISH LANDINGS IN OREGON, 1992. (CONT.)

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
Surfperch.....	0	0	374	434	243	604	1236	353	18	267	0	0	3529
Tuna, albacore.....	0	0	0	0	0	0	25460	1972255	1429041	502919	39069	0	3968744
Walleye.....	0	248	638	0	0	0	0	354	448	581	0	0	2269
Whiting, Pac. (Hake)..	0	0	1	99487	497662	705780	790612	919979	1135537	918393	0	0	5067451
Wolf-eel.....	0	7	24	145	90	168	48	129	67	8	3	0	689
Wrymouth, Giant.....	0	0	0	0	0	68	15	0	0	0	0	0	83
CRUSTACEANS:													
Crab, box.....	0	12	70	0	2	26	98	6	228	161	0	0	603
Crab, Dungeness, bay..	12	0	0	0	0	0	0	0	53541	62444	20436	542	136975
Crab, Dungeness, ocean	3644377	1169348	470934	304647	278901	291241	466189	327835	242	0	0	6297110	13250824
Crab, kelp.....	16	0	0	0	0	0	0	0	0	0	0	0	16
Crab, rock.....	64	47	0	0	0	0	20	0	73	0	0	0	204
Crab, tanner.....	0	0	0	0	0	0	0	0	0	9	0	0	9
Crayfish.....	0	0	0	9589	22326	33213	15638	10653	9581	6171	0	0	107171
Shrimp, brine.....	0	0	0	0	19380	8415	9350	0	0	0	0	0	37145
Shrimp, ghost.....	8438	8310	10349	12209	18846	12104	11176	10070	13530	15197	7322	4777	132328
Shrimp, mud.....	8437	7516	15494	9528	3616	1472	2203	1273	1407	2844	3830	7688	65308
shrimp, pink.....	0	0	0	5469529	2022876	2078020	2460214	2186105	1720724	1249530	0	0	17186998
MOLLUSKS:													
Clams, butter.....	0	0	66	80	440	130	160	0	163	6	0	71	1116
Clams, cockle.....	1527	0	90	1660	2631	837	2149	1359	923	185	2862	3009	17232
Clams, gaper.....	0	0	0	0	0	0	1091	1703	809	1006	730	0	5339
Clams, littleneck....	0	0	496	534	1134	2076	3895	4047	2755	1245	0	227	16409
Clams, softshell.....	734	321	474	232	477	360	485	438	351	255	91	273	4491
Mussels, ocean.....	495	1035	1895	918	811	257	0	17	188	100	0	132	5848
Mussels, freshwater...	0	0	13248	0	0	0	0	938	1461	0	0	0	15647
Octopus.....	1710	1034	2349	1728	1104	1631	3796	1843	1430	3523	73	1257	21478
Scallops, rock.....	0	0	0	0	0	203	0	0	0	0	0	0	203
Scallops, weathervane	0	0	1415	0	0	0	0	0	0	0	0	0	1415
Squid.....	0	0	0	0	1454	25	52	21	4	13	38	0	1607

TABLE 43. ESTIMATED VALUE (\$), AT THE FISHERMAN'S LEVEL, OF MONTHLY COMMERCIAL FISH AND SHELLFISH LANDINGS IN OREGON, 1992. (CONT.)

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
OTHER INVERTEBRATES:													
Sea urchins, purple...	0	0	85	0	144	0	0	0	13871	33505	11115	7129	65849
Sea urchins, red.....	202073	269970	316104	212256	179103	55897	156695	60971	53720	147427	199561	359129	2212906
TOTAL	5897661	4128748	4523919	7972039	7663974	6258601	7234527	8480917	7667210	5004084	1517268	7913919	74262867

TABLE 44. ESTIMATED VALUE (\$), AT THE FISHERMAN'S LEVEL, OF MONTHLY COMMERCIAL FISH AND SHELLFISH LANDINGS FROM THE COLUMBIA RIVER, 1992. 1/

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
BELOW BONNEVILLE DAM													
FISH:													
Flounder, starry.....	0	119	0	0	3	0	0	25	16	0	0	0	163
Salmon, chinook.....	0	213702	0	2499	7554	0	0	7616	196102	31515	0	0	458988
Salmon, chum.....	0	0	0	0	0	0	0	0	0	651	0	0	651
Salmon, coho.....	0	0	0	0	0	0	0	1078	87153	98006	0	0	186237
Shad, American.....	0	0	0	0	27033	42764	0	0	0	0	0	0	69797
Smelt.....	0	2119	151	0	0	0	0	0	0	0	0	0	2270
Sturgeon, green.....	0	58	0	0	0	0	0	0	7776	28	0	0	7862
Sturgeon, white.....	0	50429	0	207	508	0	0	265	89347	29561	0	0	170317
TOTAL	0	266427	151	2706	35098	42764	0	8984	380394	159761	0	0	896285
ABOVE BONNEVILLE DAM													
FISH:													
Carp.....	0	0	0	0	0	0	0	19	1	0	0	0	20
Salmon, chinook.....	0	0	822	0	0	0	0	4680	147776	18980	0	0	172258
Salmon, coho.....	0	7	0	0	0	0	0	1	1087	432	0	0	1527
Salmon, sockeye.....	0	0	0	0	0	0	0	7	0	0	0	0	7
Steelhead.....	0	2289	2762	0	0	0	0	46091	92435	12412	0	0	155989
Sturgeon eggs.....	0	800	0	0	0	0	0	0	0	0	0	0	800
Sturgeon, white.....	8020	41557	5106	15520	0	0	16179	0	0	1824	10782	0	98988
Walleye.....	0	248	638	0	0	0	0	354	448	581	0	0	2269
TOTAL	8020	44901	9328	15520	0	0	16179	51152	241747	34229	10782	0	431858
TOTAL	8020	311328	9479	18226	35098	42764	16179	60136	622141	193990	10782	0	1328143

1/ OREGON LANDINGS ONLY

TABLE 45. ESTIMATED VALUE (\$), AT THE FISHERMAN'S LEVEL, OF MONTHLY COMMERCIAL FISH AND SHELLFISH LANDINGS AT ASTORIA, 1992. 1/ 2/

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Cabezon.....	0	0	0	0	25	0	111	37	0	0	0	0	173
Cod, Pacific.....	8113	5014	8412	8272	53271	80171	61094	31502	13427	5480	2154	3749	280659
Flounder, arrowtooth..	6812	8741	35235	18562	74674	99337	65679	46548	42336	8072	5619	5478	417093
Flounder, starry.....	2	69	2128	1472	2981	7124	11731	7853	3070	4306	340	0	41076
Hagfish.....	0	0	0	0	0	3121	0	0	0	0	0	0	3121
Halibut, Pacific.....	0	0	0	0	0	300820	25246	93821	125004	77980	0	0	622871
Lingcod.....	5806	10431	10976	18892	28004	29158	62335	35431	22367	11885	3543	3453	242281
Pollock, walleye.....	0	0	24	0	0	0	0	0	0	0	0	0	24
Ratfish.....	0	0	22	0	0	0	0	0	0	0	0	0	22
Pac. Ocean perch.....	19166	13562	25016	19396	33562	40754	49112	31610	22253	17784	9324	11266	292805
Nominal POP.....	2891	1731	1826	1705	4125	1826	2379	1751	894	1887	708	1095	22818
Rockfish, widow.....	126904	89639	70310	86597	64285	45552	99103	100317	154331	51497	33838	89423	1011796
Rockfish, yellowtail..	64466	91107	96463	105338	103345	122861	113921	65392	78353	60654	27091	27978	956969
Rkfish, Sebastolobus...	39751	38133	96708	87112	71897	133566	156977	134191	117537	91558	39021	25068	1031519
Rockfish, other spp...	46369	41576	77391	92854	134280	133432	110469	78862	68585	37950	34474	38533	894775
Sablefish.....	54031	47209	176172	127986	522468	128261	118988	114106	332943	93477	55124	47391	1818156
Salmon, chinook.....	0	0	0	0	11049	26106	755	1178	971	1393	0	0	41452
Salmon, coho.....	0	0	0	0	0	0	1279	2575	0	61	0	0	3915
Sanddab, Pacific.....	1025	7649	8052	2155	5108	2147	942	2526	4310	4747	1734	108	40503
Shad, American.....	0	0	0	0	0	0	173	267	78	3	0	0	521
Shark, blue.....	0	0	0	0	0	0	0	40	0	0	0	0	40
Shark, soupfin.....	218	217	135	11	150	238	299	88	0	0	60	94	1510
Shark, spiny dogfish..	102	25	0	0	5	0	0	0	0	1142	0	3124	4398
Shark, thresher.....	0	0	0	0	0	0	10	659	399	0	0	0	1068
Skilfish.....	0	0	147	0	0	0	0	0	0	0	0	0	147
Sole, butter.....	0	0	0	0	3	0	0	0	0	0	0	0	3
Sole, Dover.....	82990	88642	336243	280472	118712	108768	94768	51769	65624	61805	77559	78955	1446307
Sole, English.....	7839	26544	18699	5062	27390	17493	34217	23226	32097	17579	3906	2981	217033
Sole, flathead.....	0	307	34	5	2	1151	1096	1730	445	33	0	118	4921

TABLE 45. ESTIMATED VALUE (\$), AT THE FISHERMAN'S LEVEL, OF MONTHLY COMMERCIAL FISH AND SHELLFISH LANDINGS AT ASTORIA, 1992. 1/ 2/ (CONT.)

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
Sole, petrale.....	162295	64802	28195	4399	16388	19156	29029	15043	17995	13527	16502	93677	481008
Sole, rex.....	7445	30304	20408	5579	22720	21435	17508	11749	18795	12538	2742	3798	175021
Sole, rock.....	0	0	0	11	0	0	0	0	1	0	0	5	17
Sole, sand.....	77	83	6925	4474	23305	26721	17732	13523	28403	15352	3307	0	139902
Sturgeon, green.....	0	0	67	40	494	44	64	42	181	0	17	0	949
Sturgeon, white.....	0	0	0	63	0	0	0	0	0	70	0	0	133
Tuna, albacore.....	0	0	0	0	0	0	409	468408	260103	176205	4951	0	910076
Whiting, Pac. (Hake)..	0	0	0	0	43804	12115	119039	336817	324466	282263	0	0	1118504
Wolf-eel.....	0	6	2	4	13	4	11	5	0	0	0	0	45
Wrymouth, Giant.....	0	0	0	0	0	68	15	0	0	0	0	0	83
CRUSTACEANS:													
Crab, Dungeness, ocean	1380326	370888	165366	72357	76649	38478	52823	34776	0	0	0	1935255	4126918
Shrimp, pink.....	0	0	0	679653	498645	328165	441431	290452	386665	305601	0	0	2930612
MOLLUSKS:													
Octopus.....	14	154	121	212	515	665	1119	384	366	288	10	0	3848
Squid.....	0	0	0	0	0	25	52	21	4	13	38	0	153
OTHER INVERTEBRATES:													
TOTAL	2016642	936833	1185077	1622683	1937869	1728762	1689916	1996699	2122003	1355150	322062	2371549	19285245

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, 1992.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Rockfish, other spp...	0	0	0	0	0	0	2	4	0	0	0	0	6
Salmon, chinook.....	0	0	0	0	0	0	216	166	0	0	0	0	382
Salmon, coho.....	0	0	0	0	0	0	237	1005	0	0	0	0	1242
TOTAL	0	0	0	0	0	0	455	1175	0	0	0	0	1630

TABLE 45B. ESTIMATED VALUE (\$), AT THE FISHERMAN'S LEVEL, OF MONTHLY COMMERCIAL FISH AND SHELLFISH LANDINGS AT CANNON BEACH, 1992.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Lingcod.....	0	0	0	0	0	0	18	4	0	0	0	0	22
Rockfish, other spp...	0	0	0	0	0	0	250	0	0	0	0	0	250
Salmon, chinook.....	0	0	0	0	0	0	326	1456	0	0	0	0	1782
Salmon, coho.....	0	0	0	0	0	0	868	1989	0	0	0	0	2857
TOTAL	0	0	0	0	0	0	1462	3449	0	0	0	0	4911

TABLE 46. ESTIMATED VALUE (\$), AT THE FISHERMAN'S LEVEL, OF MONTHLY COMMERCIAL FISH AND SHELLFISH LANDINGS AT NEHALEM BAY, 1992.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
CRUSTACEANS:													
Shrimp, ghost.....	56	86	91	113	184	164	200	157	272	1599	332	100	3354
Shrimp, mud.....	0	0	0	0	0	0	0	0	0	0	0	26	26
MOLLUSKS:													
Clams, cockle.....	0	0	0	0	0	0	613	0	0	0	0	0	613
Clams, littleneck.....	0	0	0	0	285	1333	2288	3455	1429	0	0	0	8790
TOTAL	56	86	91	113	469	1497	3101	3612	1701	1599	332	126	12783

TABLE 47. ESTIMATED VALUE (\$), AT THE FISHERMAN'S LEVEL, OF MONTHLY COMMERCIAL FISH AND SHELLFISH LANDINGS AT GARIBALDI, 1992.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Cabezon.....	0	0	0	0	3	0	0	0	0	0	0	0	3
Cod, Pacific.....	277	284	284	285	457	697	637	78	204	181	85	417	3886
Flounder, arrowtooth..	990	1008	1989	1887	1513	511	7	0	610	342	1124	136	10117
Flounder, starry.....	0	0	12	3	64	95	192	221	154	20	3	0	764
Halibut, Pacific.....	0	0	0	0	0	0	56	279	0	0	0	0	335
Lingcod.....	228	1640	1186	3497	5524	2959	2745	797	771	467	108	329	20251
Mackerel.....	0	0	0	0	0	79	9	34	0	0	0	0	122
Pac. Ocean perch.....	1130	1094	54	0	0	1073	247	0	0	0	0	0	3598
Nominal POP.....	2406	4761	3261	1239	4047	7276	5896	331	918	1476	1294	1425	34330
Rockfish, widow.....	9433	14656	17273	936	7652	10550	10093	348	885	431	410	2545	75212
Rockfish, yellowtail..	9649	15394	11433	2364	587	9065	11147	511	2339	2829	3488	8013	76819
Rkfish, Sebastolobus...	2294	4998	15690	3172	3013	1869	2463	11	3182	881	1580	1125	40278
Rockfish, other spp...	2642	2070	4919	8986	6845	12281	16619	7416	11901	4516	1065	3487	82747
Sablefish.....	3866	5580	15963	6864	7959	4495	4363	451	5217	2485	4924	3333	65500
Salmon, chinook.....	0	0	0	0	8655	4218	7106	49053	82825	94592	0	0	246449
Salmon, chum.....	0	0	0	0	0	0	0	0	0	28	0	0	28
Salmon, coho.....	0	0	0	0	0	0	2412	27050	7	0	0	0	29469
Salmon, pink.....	0	0	0	0	0	0	0	12	0	0	0	0	12
Sanddab, Pacific.....	0	0	96	160	211	14	0	206	219	67	134	266	1373
Sole, Dover.....	4601	6098	31788	21782	11475	6188	4285	356	8588	5891	15219	10423	126694
Sole, English.....	296	180	535	350	681	820	706	1137	937	1671	1770	2309	11392
Sole, petrale.....	15735	2518	2528	3076	1641	834	1036	1616	1258	2532	11793	17024	61591
Sole, rex.....	570	522	667	353	377	400	121	26	92	197	380	308	4013
Sole, rock.....	0	0	16	0	0	0	0	0	0	0	0	0	16
Sole, sand.....	0	0	119	59	5062	1756	3780	2549	2094	478	34	0	15931
Tuna, albacore.....	0	0	0	0	0	0	0	37066	60535	5666	0	0	103267
Whiting, Pac. (Hake)..	0	0	0	0	0	103	0	0	0	0	0	0	103
Wolf-eel.....	0	0	6	0	1	0	0	13	0	0	0	0	20

TABLE 47. ESTIMATED VALUE (\$), AT THE FISHERMAN'S LEVEL, OF MONTHLY COMMERCIAL FISH AND SHELLFISH LANDINGS AT GARIBALDI, 1992.

(CONT.)

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
CRUSTACEANS:													
Crab, Dungeness, ocean	60514	64966	30445	18157	45949	59181	61675	33325	0	0	0	120751	494963
Shrimp, ghost.....	80	129	329	249	394	261	384	201	132	7	21	0	2187
Shrimp, mud.....	0	0	64	0	0	0	254	0	0	0	0	0	318
Shrimp, pink.....	0	0	0	335376	162469	115144	143653	107344	82038	112964	0	0	1058988
MOLLUSKS:													
Clams, butter.....	0	0	0	0	440	0	100	0	59	0	0	21	620
Clams, cockle.....	1527	0	0	1140	1835	837	1536	1058	923	167	2579	3009	14611
Clams, littleneck.....	0	0	495	534	849	743	1603	592	1317	1241	0	227	7601
Clams, softshell.....	0	0	0	0	0	0	0	0	0	0	0	50	50
Octopus.....	20	0	0	12	79	0	0	0	28	6	0	0	145
TOTAL	116258	125898	139152	410481	277782	241449	283125	272081	267233	239135	46011	175198	2593803

97

TABLE 48. ESTIMATED VALUE (\$), AT THE FISHERMAN'S LEVEL, OF MONTHLY COMMERCIAL FISH AND SHELLFISH LANDINGS AT NETARTS BAY, 1992.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Salmon, chinook.....	0	0	0	0	0	0	0	269	0	0	0	0	269
Salmon, coho.....	0	0	0	0	0	0	0	93	0	0	0	0	93
CRUSTACEANS:													
Shrimp, ghost.....	0	0	168	200	0	0	0	0	0	0	0	0	368
Shrimp, mud.....	8094	6569	14802	9162	3567	1465	1949	1273	1407	2844	3830	7649	62611
MOLLUSKS:													
Clams, cockle.....	0	0	0	0	0	0	0	237	0	0	283	0	520
TOTAL	8094	6569	14970	9362	3567	1465	1949	1872	1407	2844	4113	7649	63861

TABLE 49. ESTIMATED VALUE (\$), AT THE FISHERMAN'S LEVEL, OF MONTHLY COMMERCIAL FISH AND SHELLFISH LANDINGS AT PACIFIC CITY, 1992.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Halibut, Pacific.....	0	0	0	0	0	0	188	0	0	0	0	0	188
Lingcod.....	438	1682	2119	801	1003	1182	1328	876	967	179	2006	642	13223
Mackerel.....	0	0	0	0	0	0	2	0	0	0	0	0	2
Rockfish, widow.....	0	0	0	0	63	0	0	0	0	0	0	0	63
Rockfish, other spp...	113	1010	591	2607	5980	7682	10412	10101	11340	603	145	125	50709
Salmon, chinook.....	0	0	0	0	1075	0	3674	8301	12424	14021	0	0	39495
Salmon, coho.....	0	0	0	0	0	0	1480	10331	0	0	0	0	11811
CRUSTACEANS:													
Crab, Dungeness, bay..	0	0	0	0	0	0	0	0	28	0	0	0	28
Crab, Dungeness, ocean	0	0	0	0	284	2145	3691	2023	0	0	0	0	8143
Shrimp, ghost.....	153	94	59	73	291	203	276	395	390	346	117	100	2497
TOTAL	704	2786	2769	3481	8696	11212	21051	32027	25149	15149	2268	867	126159

TABLE 50. ESTIMATED VALUE (\$), AT THE FISHERMAN'S LEVEL, OF MONTHLY COMMERCIAL FISH AND SHELLFISH LANDINGS AT SILETZ BAY, 1992.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 51. ESTIMATED VALUE (\$), AT THE FISHERMAN'S LEVEL, OF MONTHLY COMMERCIAL FISH AND SHELLFISH LANDINGS AT DEPOE BAY, 1992.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Cabezon.....	2	142	269	1022	989	669	483	794	449	573	276	0	5668
Halibut, Pacific.....	0	0	0	0	0	0	1044	1058	0	0	0	0	2102
Lingcod.....	0	749	1917	1599	1966	984	359	713	964	806	1258	0	11315
Mackerel.....	0	0	0	0	0	0	4	0	0	0	0	0	4
Rockfish, widow.....	0	0	0	0	46	0	0	0	0	0	0	0	46
Rockfish, yellowtail..	0	8	0	0	0	0	18	70	14	0	0	0	110
Rockfish, other spp....	4	520	1506	308	381	528	1309	691	477	698	490	181	7093
Salmon, chinook.....	0	0	0	0	762	777	14675	1260	1760	57	0	0	19291
Salmon, coho.....	0	0	0	0	0	0	2326	300	0	0	0	0	2626
Shark, soupfin.....	0	75	0	0	0	0	30	0	0	0	0	0	105
Skates and rays.....	0	0	0	0	0	0	11	0	0	0	0	0	11
Tuna, albacore.....	0	0	0	0	0	0	0	317	0	0	0	0	317
Wolf-eel.....	0	0	4	37	35	18	21	75	64	6	0	0	260
CRUSTACEANS:													
Crab, Dungeness, ocean	22798	13724	10944	14823	8123	7403	13891	8264	0	0	0	20985	120955
MOLLUSKS:													
Octopus.....	125	0	0	130	0	0	0	0	0	0	0	0	255
OTHER INVERTEBRATES:													
Sea urchins, purple....	0	0	0	0	144	0	0	0	13871	33505	1918	520	49958
Sea urchins, red.....	0	0	0	0	41740	29940	44376	23675	32930	4933	2867	4891	185352
TOTAL	22929	15218	14640	17919	54186	40319	78547	37217	50529	40578	6809	26577	405468

TABLE 52. ESTIMATED VALUE (\$), AT THE FISHERMAN'S LEVEL, OF MONTHLY COMMERCIAL FISH AND SHELLFISH LANDINGS AT NEWPORT, 1992.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Cabezon.....	0	68	671	111	69	4	54	25	0	31	3	0	1036
Cod, Pacific.....	1131	1977	613	248	3028	4035	2239	2443	1956	943	1325	885	20823
Flounder, arrowtooth..	709	1411	723	1039	4294	3823	3400	3052	3333	2450	1105	208	25547
Flounder, starry.....	17	0	7	0	41	1060	1201	524	100	1526	74	4	4554
Greenling.....	0	0	0	0	0	10	0	5	0	6	0	0	21
Grenadier.....	7	57	129	41	6	140	0	0	0	0	0	0	380
Halibut, California...	0	0	0	0	0	44	0	0	0	0	0	0	44
Halibut, Pacific.....	226	628	0	0	173	72	64318	42485	68	0	0	0	107970
Herring, Pacific.....	0	19783	122282	0	0	0	0	45	0	0	0	0	142110
Lingcod.....	2769	10491	10869	8050	15671	11274	12633	11997	5468	5627	11103	1514	107466
Mackerel.....	0	0	0	0	10	0	60	20	328	409	0	0	827
Pac. Ocean perch.....	3703	8098	7196	2500	5988	5287	6465	6299	6755	6246	2524	1767	62828
Nominal POP.....	17982	37409	36082	7333	34335	10465	20346	29802	34496	18223	28621	34474	309568
Rockfish, widow.....	101485	231729	148241	85258	111639	53286	78853	81036	31629	23114	18987	107097	1072354
Rockfish, yellowtail..	125512	290129	146057	91929	90137	87214	89173	30875	24829	21449	21812	17203	1036319
Rkfish, Sebastolobus...	61146	94737	136193	32438	69065	143153	113874	114488	120906	70242	51282	17905	1025429
Rockfish, other spp...	92226	115538	154295	62183	120623	105529	106668	70799	63260	51495	33443	24494	1000553
Sablefish.....	42599	52547	227442	44017	674213	85698	78711	92630	109208	54238	40594	17260	1519157
Salmon, chinook.....	0	0	0	0	360501	21905	418547	408300	151915	249172	0	0	1610340
Salmon, chum.....	0	0	0	0	0	0	0	0	0	5	0	0	5
Salmon, coho.....	0	0	0	0	0	0	42348	69751	0	0	0	0	112099
Salmon, pink.....	0	0	0	0	0	0	0	2	0	0	0	0	2
Sanddab, Pacific.....	458	1953	6687	1508	508	271	5	1165	72	783	701	408	14519
Irish lord, red.....	0	0	0	0	15	0	0	0	0	0	0	0	15
Sculpin, buffalo.....	0	0	0	0	0	0	0	5	0	0	0	0	5
Shark, blue.....	0	0	0	0	0	0	46	0	0	0	0	0	46
Shark, soupfin.....	76	460	0	0	152	87	0	0	0	0	72	0	847
Shark, spiny dogfish..	0	0	0	0	50	0	40	106	65	0	0	0	261
Skates and rays.....	0	47	24	0	48	11	0	0	80	38	18	11	277

TABLE 52. ESTIMATED VALUE (\$), AT THE FISHERMAN'S LEVEL, OF MONTHLY COMMERCIAL FISH AND SHELLFISH LANDINGS AT NEWPORT, 1992.

(CONT.)

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
Sole, curlfin (turbot)	0	0	0	0	0	60	13	0	3	3	62	0	141
Sole, Dover.....	32054	33705	51129	22517	55859	70438	67893	60352	85191	58469	38395	15668	591670
Sole, English.....	8815	10093	10313	5706	12100	5680	6906	9441	7577	14105	3535	3148	97419
Sole, petrale.....	38656	28170	17004	17348	29506	12732	15010	17904	13018	18074	11867	7307	226596
Sole, rex.....	2841	4313	3600	745	1873	1140	1032	906	3019	2257	1003	881	23610
Sole, rock.....	0	0	0	0	0	0	0	0	0	33	0	0	33
Sole, sand.....	311	53	66	0	1611	18342	15642	11750	3511	8247	912	0	60445
Sturgeon, green.....	54	0	0	0	26	71	0	150	160	1159	0	0	1620
Sturgeon, white.....	0	0	0	0	0	25	150	0	0	0	0	0	175
Surfperch.....	0	0	0	0	196	604	1236	353	18	267	0	0	2674
Tuna, albacore.....	0	0	0	0	0	0	18365	1213985	759847	278895	34118	0	2305210
Whiting, Pac. (Hake)..	0	0	0	99487	452502	693562	671573	583162	810882	636130	0	0	3947298
Wolf-eel.....	0	1	6	102	0	7	7	24	0	1	0	0	148
CRUSTACEANS:													
Crab, box.....	0	12	0	0	2	26	98	6	228	161	0	0	533
Crab, Dungeness, bay..	12	0	0	0	0	0	0	0	1880	2573	718	0	5183
Crab, Dungeness, ocean	535732	237265	119015	73360	74797	94974	119833	90784	0	0	0	1511895	2857655
Crab, kelp.....	16	0	0	0	0	0	0	0	0	0	0	0	16
Crab, rock.....	64	47	0	0	0	0	20	0	0	0	0	0	131
Crab, tanner.....	0	0	0	0	0	0	0	0	0	9	0	0	9
Shrimp, pink.....	0	0	0	1510616	467793	517178	660475	525031	456642	267944	0	0	4405679
MOLLUSKS:													
Clams, gaper.....	0	0	0	0	0	0	660	1181	304	463	0	0	2608
Mussels, ocean.....	0	0	182	0	0	0	0	0	0	0	0	0	182
Octopus.....	680	46	2004	600	276	551	2189	155	299	2479	29	247	9555
OTHER INVERTEBRATES:													
Sea urchins, red.....	0	0	0	0	23480	0	0	0	0	0	0	0	23480
TOTAL	1069281	1180767	1200830	2067136	2610587	1948758	2620083	3481038	2697047	1797266	302303	1762376	22737472

TABLE 53. ESTIMATED VALUE (\$), AT THE FISHERMAN'S LEVEL, OF MONTHLY COMMERCIAL FISH AND SHELLFISH LANDINGS AT WALDPOR, 1992.

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	8304	22184	4842	47	35377
Shrimp, ghost.....	7769	6811	8396	11151	17159	10896	9831	8761	12241	12704	6386	4181	116286
Shrimp, mud.....	343	708	528	366	49	7	0	0	0	0	0	13	2014
MOLLUSKS:													
Clams, cockle.....	0	0	90	167	0	0	0	0	0	0	0	0	257
Mussels, ocean.....	0	0	42	0	0	0	0	17	22	0	0	0	81
TOTAL	8112	7519	9056	11684	17208	10903	9831	8778	20567	34888	11228	4241	154015

TABLE 54. ESTIMATED VALUE (\$), AT THE FISHERMAN'S LEVEL, OF MONTHLY COMMERCIAL FISH AND SHELLFISH LANDINGS AT FLORENCE, 1992.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Cod, Pacific.....	0	0	0	0	0	0	0	0	18	23	0	0	41
Flounder, arrowtooth..	0	0	0	0	0	0	0	0	0	105	0	0	105
Flounder, starry.....	0	0	0	0	10	0	0	57	64	0	0	0	131
Halibut, Pacific.....	0	0	0	0	0	0	6225	4338	0	0	0	0	10563
Lingcod.....	0	0	0	40	204	0	3	7	84	38	142	0	518
Mackerel.....	0	0	0	0	0	0	0	0	1	0	0	0	1
Nominal POP.....	0	0	0	0	0	0	0	0	0	52	0	0	52
Rockfish, widow.....	0	0	0	0	0	0	0	0	0	5	0	0	5
Rockfish, yellowtail..	0	0	0	952	137	25	48	0	11	41	0	0	1214
Rkfsh, Sebastolobus...	0	0	0	0	5	0	0	0	50	190	0	0	245
Rockfish, other spp...	0	0	388	1237	1144	0	210	294	539	331	36	0	4179
Sablefish.....	0	0	60	0	70584	0	176	230	1706	795	70	0	73621
Salmon, chinook.....	0	0	0	0	46466	0	55475	97142	27357	16183	0	0	242623
Salmon, coho.....	0	0	0	0	0	0	11953	17749	0	0	0	0	29702
Sanddab, Pacific.....	0	1723	8588	11174	1859	0	134	214	1386	2409	4477	0	31964
Shark, soupfin.....	0	0	0	24	0	0	0	0	0	0	171	0	195
Skates and rays.....	0	0	0	7	9	0	0	0	0	0	103	0	119
Sole, curlfin (turbot)	0	0	0	0	34	0	0	0	0	0	0	0	34
Sole, Dover.....	0	0	0	0	895	0	0	34	1054	1215	1334	0	4532
Sole, English.....	0	0	320	728	353	13	33	172	532	533	1890	0	4574
Sole, petrale.....	0	0	0	6	910	0	128	146	372	650	2133	0	4345
Sole, rex.....	0	0	0	0	0	0	0	0	0	58	0	0	58
Sole, sand.....	0	0	0	0	706	28	0	1546	1038	0	0	0	3318
Sturgeon, green.....	0	0	0	0	0	0	0	0	13	0	38	0	51
Sturgeon, white.....	0	0	0	0	0	0	0	32	0	0	0	0	32
Tuna, albacore.....	0	0	0	0	0	0	0	1868	23375	720	0	0	25963
CRUSTACEANS:													
Crab, Dungeness, bay..	0	0	0	0	0	0	0	0	0	124	0	0	124

TABLE 54. ESTIMATED VALUE (\$), AT THE FISHERMAN'S LEVEL, OF MONTHLY COMMERCIAL FISH AND SHELLFISH LANDINGS AT FLORENCE, 1992.

(CONT.)

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
Crab, Dungeness, ocean	17975	22519	16385	12347	6875	15662	100743	71379	0	0	0	38659	302544
Shrimp, ghost.....	0	0	46	26	0	0	0	60	0	0	0	0	132
Shrimp, pink.....	0	0	0	0	0	0	0	0	2704	2535	0	0	5239
MOLLUSKS:													
Mussels, ocean.....	0	200	100	234	244	97	0	0	100	0	0	0	975
Octopus.....	0	0	0	27	0	0	0	0	0	22	0	0	49
TOTAL	17975	24442	25887	26802	130435	15825	175128	195268	60404	26029	10394	38659	747248

TABLE 55. ESTIMATED VALUE (\$), AT THE FISHERMAN'S LEVEL, OF MONTHLY COMMERCIAL FISH AND SHELLFISH LANDINGS AT WINCHESTER BAY, 1992.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Flounder, arrowtooth..	0	0	0	0	0	14	0	0	0	0	0	0	14
Halibut, Pacific.....	0	0	0	0	0	0	0	1419	0	0	0	0	1419
Herring, Pacific.....	0	0	0	0	0	0	600	0	0	0	0	0	600
Lingcod.....	215	0	504	337	181	100	403	208	51	83	22	104	2208
Nominal POP.....	0	0	0	0	0	0	0	14	0	0	0	0	14
Rockfish, yellowtail..	0	0	0	0	0	0	0	0	8	0	0	0	8
Rockfish, other spp...	0	0	99	55	79	350	1350	285	26	12	1	3	2260
Sablefish.....	0	0	18399	0	94501	14219	10644	0	0	0	0	0	137763
Salmon, chinook.....	0	0	0	0	51368	1933	28296	46987	4588	2850	0	0	136022
Salmon, coho.....	0	0	0	0	0	0	6441	8341	0	0	0	0	14782
Sanddab, Pacific.....	0	0	0	0	0	318	0	0	0	0	0	0	318
Shad, American.....	0	0	0	0	3096	3290	0	0	0	0	0	0	6386
Shark, soupfin.....	0	0	0	0	0	78	0	0	0	0	0	0	78
Smelt.....	0	0	0	0	20	100	100	0	0	0	0	0	220
Sole, Dover.....	0	0	0	0	0	244	0	6	0	0	0	0	250
Sole, English.....	0	0	0	0	0	170	0	4	0	0	0	0	174
Sole, petrale.....	0	0	0	0	0	145	0	0	0	0	0	0	145
Tuna, albacore.....	0	0	0	0	0	0	0	77610	82677	0	0	0	160287
CRUSTACEANS:													
Crab, Dungeness, bay..	0	0	0	0	0	0	0	0	5391	6813	638	12	12854
Crab, Dungeness, ocean	148288	75668	24237	21211	17243	16301	29191	27398	242	0	0	252109	611888
Shrimp, pink.....	0	0	0	1340	0	0	0	2809	0	0	0	0	4149
MOLLUSKS:													
Clams, softshell.....	734	321	394	188	367	360	485	438	351	255	91	223	4207
Mussels, ocean.....	495	835	1571	684	567	160	0	0	66	0	0	132	4510
Octopus.....	0	0	0	0	0	0	22	0	0	0	0	0	22
TOTAL	149732	76824	45204	23815	167422	37782	77532	165519	93400	10013	752	252583	1100578

TABLE 56. ESTIMATED VALUE (\$), AT THE FISHERMAN'S LEVEL, OF MONTHLY COMMERCIAL FISH AND SHELLFISH LANDINGS AT CHARLESTON, 1992.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Cabezon.....	0	13	70	193	31	133	58	10	1	10	0	0	519
Cod, Pacific.....	11	31	52	8	119	69	38	296	161	72	2	36	895
Flounder, arrowtooth..	1632	1181	1575	747	1966	2682	1090	2080	4641	2977	2215	1851	24637
Flounder, starry.....	0	0	19	8	380	445	749	818	614	0	0	0	3033
Greenling.....	0	0	1	0	2	0	0	0	6	0	0	0	9
Grenadier.....	1125	1132	2224	1108	2174	4154	2508	2560	2450	1311	1078	530	22354
Hagfish.....	10061	19910	17008	16817	11784	3162	501	7566	8226	0	2924	2085	100044
Halibut, Pacific.....	0	0	0	0	168	0	24635	16213	0	0	0	0	41016
Lingcod.....	3670	8804	15702	4836	16741	19870	14905	15002	9938	15724	4071	6806	136069
Pac. Ocean perch.....	1079	40	0	0	30	829	28	0	0	0	0	12	2018
Nominal POP.....	14537	9402	17107	6458	19777	14062	10082	12007	11772	16914	9801	10125	152044
Rockfish, widow.....	88613	76649	75498	23552	58895	59905	72585	21658	46481	8250	9444	29760	571290
Rockfish, yellowtail..	50214	71674	57567	38535	31159	62733	72455	23734	41326	15121	17586	7669	489773
Rkfish, Sebastolobus...	201292	194912	307575	69508	184077	229736	150814	102614	97545	68118	99054	71179	1776424
Rockfish, other spp...	29495	28610	47273	44763	60920	67021	94820	46085	44217	27241	21290	18860	530595
Sablefish.....	83339	62819	218203	71850	395283	128391	83476	78544	93981	81551	80220	48299	1425956
Salmon, chinook.....	0	0	0	0	19936	4515	28063	26909	10582	36934	0	0	126939
Salmon, coho.....	0	0	0	0	0	0	6333	6742	0	0	0	0	13075
Sanddab, Pacific.....	30	283	4746	37083	3042	4541	10436	10398	9210	5458	8494	0	93721
Shark, sixgill.....	0	0	0	0	0	0	0	7	0	0	0	0	7
Shark, soupfin.....	25	109	23	16	0	34	21	25	176	163	0	97	689
Shark, spiny dogfish..	28	0	0	0	0	0	0	0	0	0	0	0	28
Skates and rays.....	0	58	84	0	0	0	0	0	0	0	0	0	142
Sole, curlfin (turbot)	0	0	0	0	7	53	30	1	0	0	0	0	91
Sole, Dover.....	100461	115493	293225	83166	123400	117361	65496	88344	135471	124846	106274	60531	1414068
Sole, English.....	5002	3151	13563	3386	7016	9088	6110	11188	14693	8327	6149	8001	95674
Sole, petrale.....	122431	31772	29097	6949	10629	11644	8761	10373	13995	19142	76695	155860	497348
Sole, rex.....	394	491	1567	220	1302	975	130	287	1142	892	1573	537	9510
Sole, rock.....	6	0	13	1	11	113	15	25	2	1	0	0	187

TABLE 56. ESTIMATED VALUE (\$), AT THE FISHERMAN'S LEVEL, OF MONTHLY COMMERCIAL FISH AND SHELLFISH LANDINGS AT CHARLESTON, 1992.

(CONT.)

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
Sole, sand.....	288	0	390	215	1258	12943	14635	19805	9481	11	0	0	59026
Sturgeon, green.....	0	0	0	0	234	169	0	104	0	0	0	0	507
Sturgeon, white.....	0	0	0	0	0	57	0	352	430	0	0	0	839
Tuna, albacore.....	0	0	0	0	0	0	384	167610	160714	18614	0	0	347322
Whiting, Pac. (Hake)..	0	0	1	0	1356	0	0	0	189	0	0	0	1546
Wolf-eel.....	0	0	5	0	38	134	8	12	0	0	0	0	197
CRUSTACEANS:													
Crab, box.....	0	0	70	0	0	0	0	0	0	0	0	0	70
Crab, Dungeness, bay..	0	0	0	0	0	0	0	0	37582	30283	13900	483	82248
Crab, Dungeness, ocean	290624	113584	43803	33891	25228	25300	51654	46138	0	0	0	774664	1404886
Crab, rock.....	0	0	0	0	0	0	0	0	73	0	0	0	73
Shrimp, ghost.....	380	1190	1260	397	818	580	485	496	495	541	466	396	7504
Shrimp, mud.....	0	239	100	0	0	0	0	0	0	0	0	0	339
Shrimp, pink.....	0	0	0	2109917	582961	751826	904787	739226	381551	265159	0	0	5735427
MOLLUSKS:													
Clams, butter.....	0	0	66	80	0	130	60	0	104	6	0	50	496
Clams, cockle.....	0	0	0	353	796	0	0	64	0	18	0	0	1231
Clams, gaper.....	0	0	0	0	0	0	431	522	505	543	730	0	2731
Clams, littleneck....	0	0	1	0	0	0	4	0	9	4	0	0	18
Mussels, ocean.....	0	0	0	0	0	0	0	0	0	100	0	0	100
Octopus.....	77	191	55	0	85	189	89	122	45	321	0	44	1218
Scallops, rock.....	0	0	0	0	0	203	0	0	0	0	0	0	203
Scallops, weathervane	0	0	1415	0	0	0	0	0	0	0	0	0	1415
Squid.....	0	0	0	0	1454	0	0	0	0	0	0	0	1454
OTHER INVERTEBRATES:													
Sea urchins, purple...	0	0	0	0	0	0	0	0	0	0	9197	6609	15806
Sea urchins, red.....	0	0	0	3657	18335	20253	4152	0	1421	2165	306	9333	59622
TOTAL	1004814	741738	1149358	2557714	1581412	1553300	1630828	1457937	1139229	750817	471469	1213817	15252433

TABLE 57. ESTIMATED VALUE (\$), AT THE FISHERMAN'S LEVEL, OF MONTHLY COMMERCIAL FISH AND SHELLFISH LANDINGS AT BANDON, 1992.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Hagfish.....	0	0	0	0	0	0	931	1701	0	0	0	0	2632
Lingcod.....	0	0	0	0	0	0	0	21	0	0	0	0	21
Rockfish, other spp...	0	0	0	140	13	769	1537	2772	1136	499	102	0	6968
Salmon, chinook.....	0	0	0	0	820	0	420	2927	963	1474	0	0	6604
Salmon, coho.....	0	0	0	0	0	0	16	830	0	0	0	0	846
CRUSTACEANS:													
Crab, Dungeness, bay..	0	0	0	0	0	0	0	0	208	155	338	0	701
Crab, Dungeness, ocean	0	2585	0	0	0	0	769	540	0	0	0	0	3894
Shrimp, pink.....	0	0	0	0	0	0	8621	0	0	0	0	0	8621
MOLLUSKS:													
Clams, softshell.....	0	0	80	44	110	0	0	0	0	0	0	0	234
TOTAL	0	2585	80	184	943	769	12294	8791	2307	2128	440	0	30521

TABLE 58. ESTIMATED VALUE (\$), AT THE FISHERMAN'S LEVEL, OF MONTHLY COMMERCIAL FISH AND SHELLFISH LANDINGS AT PORT ORFORD, 1992.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Cabezon.....	5	6	44	30	63	32	4	12	3	5	2	0	206
Flounder, arrowtooth..	0	0	2	0	11	2	0	0	0	0	0	0	15
Hagfish.....	4398	12201	26508	10291	2687	0	511	5130	0	0	0	0	61726
Halibut, Pacific.....	0	0	0	0	0	0	12118	14112	0	0	0	0	26230
Lingcod.....	564	2606	2998	1443	1563	811	766	722	475	660	1642	180	14430
Pac. Ocean perch.....	0	0	0	0	0	0	0	0	0	2	0	0	2
Nominal POP.....	0	0	329	0	746	9	192	93	3	0	0	0	1372
Rockfish, widow.....	0	18	138	48	0	0	2	15	0	0	1128	406	1755
Rockfish, yellowtail..	0	374	8236	4300	2187	4177	2286	3641	3597	3570	2222	87	34677
Rockfish, other spp...	2801	19731	31911	18334	13790	32378	14954	15467	8703	10714	9817	2662	181262
Sablefish.....	0	2463	67433	14269	167018	1375	883	1769	0	166	0	0	255376
Salmon, chinook.....	0	0	0	0	0	0	0	0	0	14685	0	0	14685
Shark, soupfin.....	0	0	0	0	0	0	0	0	0	0	49	0	49
Sole, Dover.....	0	0	15	0	1	23	1	0	0	0	0	0	40
Sole, petrale.....	0	0	0	2	0	0	0	23	0	0	0	0	25
Sole, rock.....	0	0	0	1	0	0	0	0	0	0	0	0	1
Tuna, albacore.....	0	0	0	0	0	0	0	2000	0	0	0	0	2000
Wolf-eel.....	0	0	1	2	3	5	1	0	3	1	3	0	19
CRUSTACEANS:													
Crab, Dungeness, ocean	203213	58546	24575	22174	18254	28917	29314	9334	0	0	0	227449	621776
Shrimp, pink.....	0	0	0	12841	0	0	0	0	545	1453	0	0	14839
MOLLUSKS:													
Octopus.....	232	99	169	103	22	66	50	12	57	24	0	171	1005
OTHER INVERTEBRATES:													
Sea urchins, purple...	0	0	85	0	0	0	0	0	0	0	0	0	85
Sea urchins, red.....	173756	254462	286027	169559	27595	4406	59769	13505	10288	132221	188602	328944	1649134
TOTAL	384969	350506	448471	253397	233940	72201	120851	65835	23674	163501	203465	559899	2880709

TABLE 59. ESTIMATED VALUE (\$), AT THE FISHERMAN'S LEVEL, OF MONTHLY COMMERCIAL FISH AND SHELLFISH LANDINGS AT GOLD BEACH, 1992.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Cabezon.....	0	0	0	0	0	3	0	8	0	0	0	0	11
Lingcod.....	0	0	0	0	47	195	1605	886	48	36	0	0	2817
Rockfish, widow.....	0	0	0	0	0	0	32	0	0	0	0	0	32
Rockfish, yellowtail..	0	0	0	0	0	0	114	226	0	0	0	0	340
Rockfish, other spp...	0	0	11	0	12	1283	4991	2711	234	35	0	0	9277
Tuna, albacore.....	0	0	0	0	0	0	0	0	16699	0	0	0	16699
CRUSTACEANS:													
Crab, Dungeness, bay..	0	0	0	0	0	0	0	0	148	312	0	0	460
Crab, Dungeness, ocean	0	0	0	0	0	0	0	2500	0	0	0	0	2500
OTHER INVERTEBRATES:													
Sea urchins, red.....	15147	9574	21510	8317	67218	1298	48398	9630	3479	4537	7786	15961	212855
TOTAL	15147	9574	21521	8317	67277	2779	55140	15961	20608	4920	7786	15961	244991

TABLE 60. ESTIMATED VALUE (\$), AT THE FISHERMAN'S LEVEL, OF MONTHLY COMMERCIAL FISH AND SHELLFISH LANDINGS AT BROOKINGS, 1992.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Cabezon.....	0	0	0	0	0	0	39	0	0	0	0	0	39
Flounder, arrowtooth..	397	738	903	7	1	289	98	216	143	42	83	13	2930
Flounder, starry.....	0	0	0	0	8	15	0	0	0	0	0	0	23
Greenling.....	0	0	0	1	0	0	0	0	0	0	0	0	1
Grenadier.....	0	0	88	0	0	89	0	0	117	0	204	0	498
Halibut, Pacific.....	0	0	0	0	0	0	0	15081	0	0	0	0	15081
Lingcod.....	692	5578	2080	850	1376	1554	6624	7051	629	1038	1092	184	28748
Nominal POP.....	739	1323	478	153	247	1256	506	1097	74	32	493	122	6520
Rockfish, widow.....	87	21954	17041	16801	0	50457	23701	1379	166	587	1051	7913	141137
Rockfish, yellowtail..	0	160	8	137	34	0	2439	0	16	102	5390	4299	12585
Rkfsh, Sebastolobus...	22466	29006	60020	0	3	19679	26944	23090	2821	5368	25581	5456	220434
Rockfish, other spp...	2367	22789	10686	4975	6551	21299	9701	19868	6045	9091	4345	4572	122289
Sablefish.....	12468	13251	84556	20174	169239	19605	18811	27066	10482	11405	23154	6918	417129
Salmon, chinook.....	0	0	0	0	0	1510	0	1116	0	359	0	0	2985
Sanddab, Pacific.....	0	0	0	0	26	29	0	8	115	65	0	0	243
Shark, soupfin.....	0	57	0	0	4	0	0	26	20	52	25	0	184
Shark, spiny dogfish..	0	0	0	0	0	0	0	25	0	0	0	0	25
Smelt.....	0	0	0	0	0	0	0	186	0	0	0	0	186
Sole, Dover.....	15965	14099	22389	8	260	16821	12142	18873	5616	8415	26493	14730	155811
Sole, English.....	135	98	0	0	22	447	89	1454	217	559	136	36	3193
Sole, petrale.....	19294	9993	263	10	3	2001	40	2866	239	1746	27594	23451	87500
Sole, rex.....	1678	948	371	0	0	590	380	1190	162	394	1374	585	7672
Sole, sand.....	0	0	0	0	0	270	0	0	0	0	0	0	270
Surfperch.....	0	0	374	434	47	0	0	0	0	0	0	0	855
Tuna, albacore.....	0	0	0	0	0	0	6302	3391	65091	22819	0	0	97603
CRUSTACEANS:													
Crab, Dungeness, ocean	984907	209603	36164	36327	5499	2880	2605	1374	0	0	0	1415343	2694702
Shrimp, pink.....	0	0	0	819786	311008	365707	301247	521243	410579	293874	0	0	3023444

111

TABLE 60. ESTIMATED VALUE (\$), AT THE FISHERMAN'S LEVEL, OF MONTHLY COMMERCIAL FISH AND SHELLFISH LANDINGS AT BROOKINGS, 1992.

(CONT.)

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
MOLLUSKS:													
Octopus.....	562	544	0	644	127	160	327	1170	635	383	34	795	5381
OTHER INVERTEBRATES:													
Sea urchins, red.....	13170	5934	8567	30723	735	0	0	14161	5602	3571	0	0	82463
TOTAL	1074927	336075	243988	931030	495190	504658	411995	661931	508769	359902	117049	1484417	7129931

Table 61. Salmon (Numbers and Pounds) harvested by Oregon private hatcheries 1988-1992

Table 62. Pounds of salmon harvested by Oregon private salmon hatcheries, 1992

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, 1992.

COUNTY/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
BAKER													
Crayfish	0	0	0	0	11	40	20	0	0	0	0	0	71
CLACKAMAS													
Crayfish	0	0	0	0	26	351	179	0	13	0	0	0	569
Lamprey, Pacific	0	0	0	0	0	9089	0	0	0	0	0	0	9089
TOTAL	0	0	0	0	26	9440	179	0	13	0	0	0	9658
CLATSOP													
Crayfish	0	0	0	0	149	1755	2378	1309	1812	1229	0	0	8632
COLUMBIA													
Crayfish	0	0	0	0	0	142	306	217	893	1949	0	0	3507
DOUGLAS													
Mussels, Freshwater	0	0	14720	0	0	0	0	0	0	0	0	0	14720
JEFFERSON													
Crayfish	0	0	0	8859	10512	6808	4498	864	1254	0	0	0	32795
LAKE													
Shrimp, Brine	0	0	0	0	22800	9900	11000	0	0	0	0	0	43700
MARION													
Crayfish	0	0	0	0	0	0	0	0	100	0	0	0	100
Mussels, Freshwater	0	0	0	0	0	0	0	2600	0	0	0	0	2600
TOTAL	0	0	0	0	0	0	0	2600	100	0	0	0	2700
MULTNOMAH													
Crayfish	0	0	0	0	0	2357	1960	2707	4122	1876	0	0	13022
POLK													
Mussels, Freshwater	0	0	0	0	0	0	0	0	4868	0	0	0	4868

TABLE 63. MONTHLY LANDINGS (POUNDS ROUND) OF CARP, CRAYFISH, FRESHWATER MUSSELS, PACIFIC LAMPREY AND BRINE SHRIMP HARVESTED IN OREGON, 1992.

COUNTY/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
WASHINGTON													
Crayfish	0	0	0	0	917	3890	2882	3207	100	0	0	0	10996
YAMHILL													
Crayfish	0	0	0	0	7372	11622	2650	1442	280	0	0	0	23366
Mussels, Freshwater	0	0	0	0	0	0	0	527	0	0	0	0	527
TOTAL													
Carp	0	0	0	0	0	0	0	0	0	0	0	0	0
Crayfish	0	0	0	8859	18987	26965	14873	9746	8574	5054	0	0	93058
Mussels, Freshwater	0	0	14720	0	0	0	0	3127	4868	0	0	0	22715
Lamprey, Pacific	0	0	0	0	0	9089	0	0	0	0	0	0	9089
Shrimp, Brine	0	0	0	0	22800	9900	11000	0	0	0	0	0	43700

Table 64. Oregon oyster production (gallons), 1983-92

Bay/Species	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
<u>Tillamook Bay</u>										
Kumomoto oyster.....	0	0	9	4	0	0	0	0	0	0
Pacific oyster.....	21,330	30,964	21,204	21,325	23,930	24,084	26,052	13,782	6,150	6,985
<u>Netarts Bay</u>										
Pacific oyster.....	0	6	40	30	36	41	216	219	2,618	1,510
<u>Yaquina Bay</u>										
Kumomoto oyster.....	1	16	0	0	0	0	0	0	0	0
Pacific oyster.....	6,423	7,210	10,911	12,130	12,798	10,924	9,602	6,570	10,350	11,008
<u>Coos Bay</u>										
Pacific oyster.....	3,138	9,834	5,270	3,065	3,942	3,400	4,115	4,722	4,062	3,323
TOTAL	30,892	48,030	37,434	36,554	40,706	38,449	39,985	25,293	23,180	22,826

SOURCE: Oregon Department of Agriculture

APPENDIX

1992 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 \$194 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 \$233 million.

Although the commercial fishing industry provides only about one percent of total Oregon earned income, it is extremely important to the coastal economy, providing nearly 12 percent of coastal earned income in 1992. 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 1987 through 1992 expressed in 1992 dollars.

A booklet, *The Economic Landscape of the Oregon Coast*, published by the Oregon Coastal Zone Management Association (OCZMA) is recommended for those interested in understanding the structure of Oregon's coastal economy. This booklet described the importance of different economic sectors to the Oregon coastal economy in 1987, and is still useful in providing a detailed perspective on the structure of Oregon's coastal economy. A shorter paper, *Observations on the 1989 Coastal Economy*, is also available from OCZMA.

Table 1. Personal Income Contribution of the Oregon Commercial Fishing and Processing Industry to Oregon Coastal Communities and to Oregon, 1992. (Millions of Dollars) 1/ 2/

	Astoria and Columbia R. Area	Tillamook Area	Newport Area	Coos Bay Area	Brookings Area	All Coastal Communities	Total State Level Impact
Oregon Landings	\$39.2	\$4.7	\$45.6	\$30.6	\$15.2	\$135.3	\$163.0
Distant Water	\$13.6	\$1.9	\$38.0	\$4.8	\$0.8	\$59.0	\$69.6
Total	\$52.7	\$6.6	\$83.5	\$35.4	\$16.1	\$194.3	\$232.6
Percent of Total Personal Income 3/	8.7%	1.9%	12.3%	3.6%	4.8%	6.6%	0.42%
Percent of Total Earned Income 4/	13.9%	3.9%	23.4%	6.4%	10.5%	12.0%	0.64%
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 for the West Coast Fisheries Development Foundation. 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 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 - 1992.**

(Millions of Dollars adjusted to 1992 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	\$63.9	\$9.4	\$33.1	\$33.9	\$7.4	\$147.6	\$213.1
1987	\$95.3	\$13.2	\$55.6	\$61.3	\$11.4	\$236.8	\$304.4
1988	\$79.6	\$12.5	\$50.8	\$52.2	\$15.4	\$210.5	\$278.8
1989	\$66.0	\$8.9	\$44.8	\$41.7	\$18.3	\$179.7	\$208.3
1990	\$46.5	\$5.2	\$27.7	\$36.7	\$18.1	\$134.1	\$172.3
1991	\$39.6	\$5.6	\$30.9	\$25.2	\$9.8	\$111.0	\$137.8
1992	\$39.2	\$4.7	\$45.6	\$30.6	\$15.2	\$135.3	\$163.0
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 for the West Coast Fisheries Development Foundation. 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 1992 dollars made with the Implicit Price Deflator for Gross Domestic Product.							