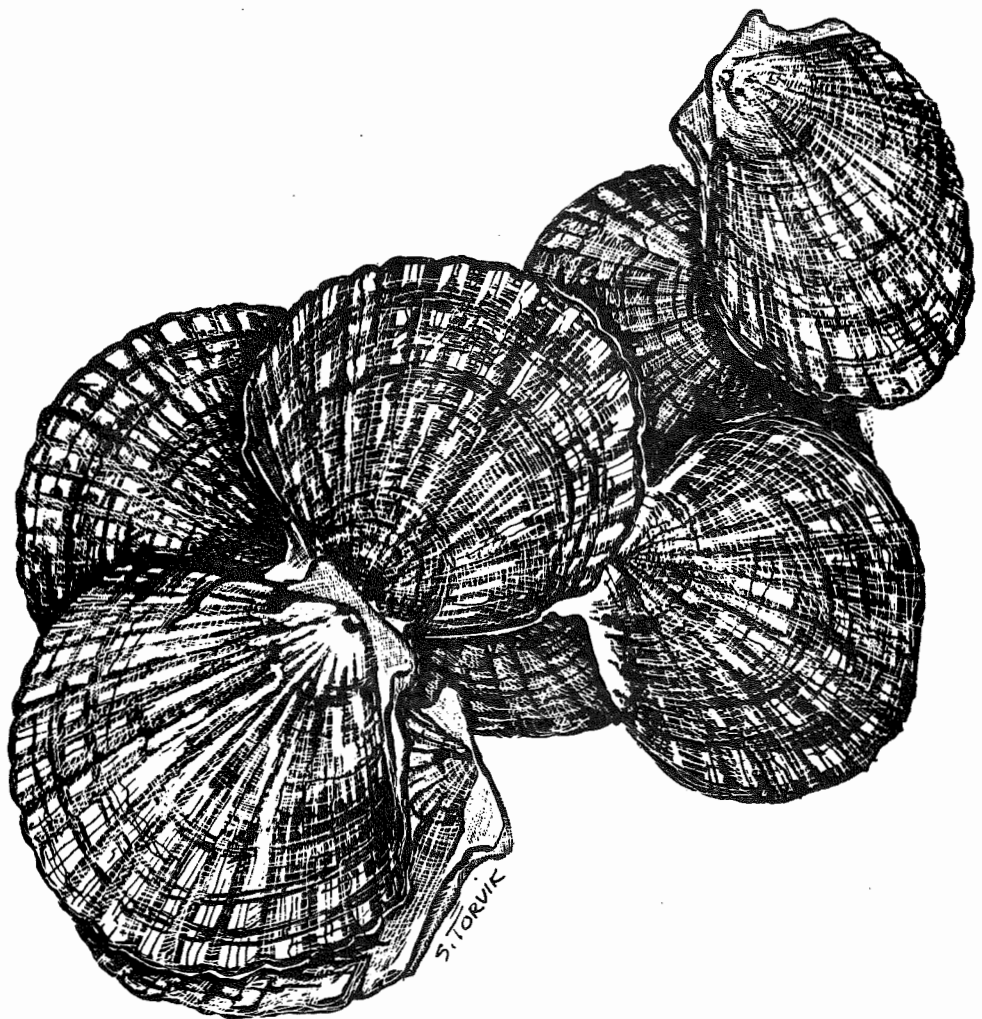


Pounds and Value of Commercially
Caught Fish and Shellfish
Landed in Oregon ~ 1981

~revised edition~



1981

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of Commercially Caught Fish and Shellfish
Landed in Oregon

by

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FOREWORD

The statistics presented in this publication provide information on the amount and value of commercial food fish landings in the State of Oregon in 1981. 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 dealers, and Oregon Department of Fish and Wildlife personnel. Department biologists reviewed the accuracy of the reported information and data processing personnel spent many hours editing and entering the information for computer tabulation. To all of these people we extend our thanks.

NOTE

Subsequent to the May 1982 publishing of this report, it was discovered that there were errors in the amount of pounds reported for three species: scallops, rockfish, and Pacific ocean perch. Also, some minor errors were noted for other species as a result of miscoded species, duplicate fish tickets, and late tickets. Because of these errors, this report was revised and republished. Nearly all tables in this revised edition reflect a change from the original published version. Species for which corrections were made to poundage landed are designated with an asterisk in Table 3.

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EXPLANATION OF TABLES

Source of data

Oregon law requires commercial fishermen to sell their catch to a licensed wholesale fish or bait dealer. At time of sale, the dealer must record certain information on a Fish Receiving Ticket form supplied by the Department. This information includes date of landing, unloading station, 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 fish, port of landing does not necessarily indicate the area of catch, as many boats fish coastwide to their home port to land their catch.

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 in identifying certain species. Pacific ocean perch landings also include several species of rockfish that are perch-like in appearance. Widow rockfish, as reported in 1981, were the target species harvested in the newly developed midwater trawl fishery. The other numerous rockfish species are recorded collectively as "rockfish." Prior to 1978 both arrowtooth flounder and curlfin sole (turbot) were reported as "turbot" due to local name differences along the coast--all "turbot" landings were considered to be arrowtooth flounder since curlfin sole comprise only a minor portion of the total catch. This problem was resolved in 1978, and both species are now reported correctly.

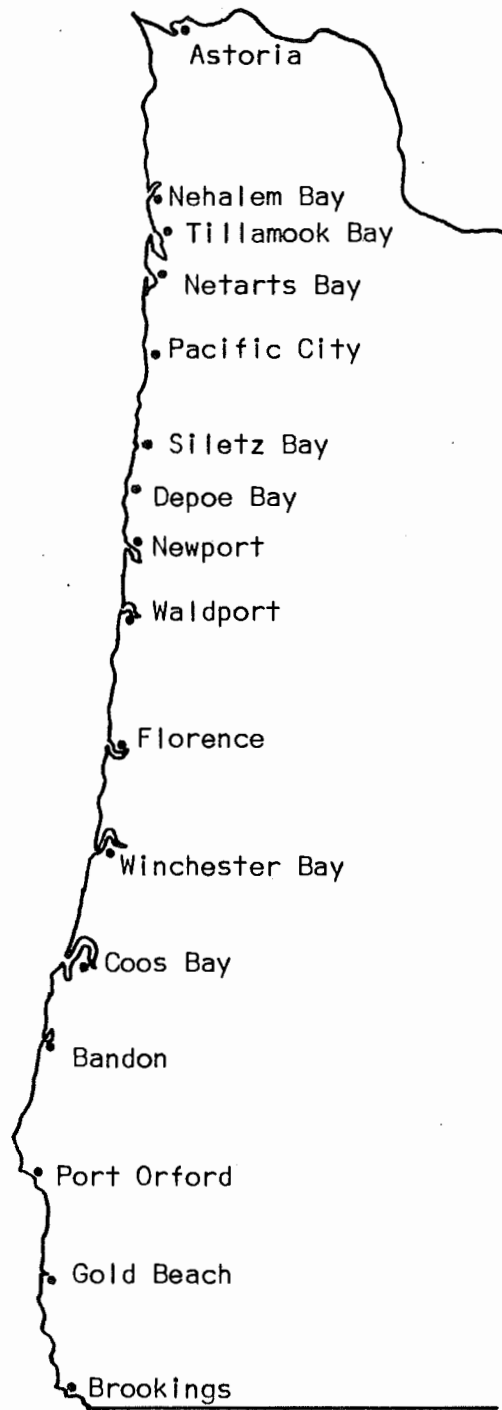


Figure 1. Oregon coastal ports.

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:

Salmon, troll dressed.....	+ 15%
Sablefish, dressed.....	+ 60%
Halibut, dressed.....	+ 15%
head-off.....	+ 35%
Hake, filleted.....	+ 235%
Scallops, shucked.....	+1220%

Landings by month reflect the date of purchase by a dealer. 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. Further, fishermen are not required to sell their catch immediately upon landing, and they may store their catch in cold storage until prices improve or for whatever other reason they may have.

The trends portrayed in Table 3 (Annual Landings, 1972-81) are the result of many factors such as abundance of fish, market demand, technical advances, and regulations. Most fisheries reflect the effect of all these factors and caution should be used in interpreting or projecting trends.

Value of catch

Estimates of value are determined from price per pound information obtained from fish tickets and indicate the value of the catch to the fishermen. Where this information is not provided, value is determined by using the best alternative estimate of average price per pound; e.g., from nearby ports during the same time period. Due to computer rounding error, values may vary somewhat, but no significant effect on total value is expected.

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

Common Name	Scientific Name	Common Name	Scientific Name
FISHES		FISHES	
Anchovey, northern.....	<i>Engraulis mordax</i>	Steelhead.....	<i>Salmo gairdneri</i>
Bass, striped.....	<i>Morone saxatilis</i>	Sturgeon	
Cabezon.....	<i>Scorpaenichthys marmoratus</i>	Green.....	<i>Acipenser medirostris</i>
Carp.....	<i>Cyprinus carpio</i>	White.....	<i>Acipenser transmontanus</i>
Cod, Pacific.....	<i>Gadus macrocephalus</i>	Surfperch.....	Members of the family <i>Embiotocidae</i>
Flounder		Tuna	
Arrowtooth.....	<i>Atheresthes stomias</i>	Albacore.....	<i>Thunnus alalunga</i>
Starry.....	<i>Platichthys stellatus</i>	Bluefin.....	<i>Thunnus thynnus</i>
Hake, Pacific (Whiting).....	<i>Merluccius productus</i>	Skipjack.....	<i>Euthynnus pelamis</i>
Halibut, Pacific.....	<i>Hippoglossus stenolepis</i>	Yellowfin.....	<i>Thunnus albacares</i>
Herring, Pacific.....	<i>Clupea harengus pallasi</i>	Walleye.....	<i>Stizostedion vitreum vitreum</i>
Lamprey, Pacific.....	<i>Entosphenus tridentatus</i>	Wolf-eel.....	<i>Anarrhichthys ocellatus</i>
Lingcod.....	<i>Ophiodon elongatus</i>		
Mackerel.....	Members of the family <i>Carangidae and Scombridae</i>		
Rockfish		CRUSTACEANS	
Miscellaneous rockfish.....	<i>Sebastes</i> spp.	Crab	
Pacific Ocean Perch.....	<i>Sebastes alutus</i>	Dungeness.....	<i>Cancer magister</i>
Widow.....	<i>Sebastes entomelas</i>	Rock.....	<i>Cancer productus</i>
Sablefish.....	<i>Anoplopoma fimbria</i>	Crayfish.....	<i>Pacifastacus</i> spp.
Salmon		Shrimp	
Chinook.....	<i>Oncorhynchus tshawytscha</i>	Brine.....	<i>Artemia salina</i>
Chum.....	<i>Oncorhynchus keta</i>	Ghost (Sand).....	<i>Callinassa californensis</i>
Coho.....	<i>Oncorhynchus kisutch</i>	Pink.....	<i>Pandalus jordani</i>
Pink.....	<i>Oncorhynchus gorbusha</i>		
Sockeye.....	<i>Oncorhynchus nerka</i>		
Sanddab, Pacific.....	<i>Citharichthys sordidus</i>		
Shad, American.....	<i>Alosa sapidissima</i>		
Shark		MOLLUSKS	
Soupfin.....	<i>Galeorhinus zyopterus</i>	Clam	
Spiny dogfish.....	<i>Squalus acanthias</i>	Butter.....	<i>Saxidomus giganteus</i>
Skates and Rays.....	Members of the family <i>Rajidae, Rhinobatidae</i> and <i>Myliobatidae</i>	Cockle.....	<i>Clinocardium nuttallii</i>
Smelt.....	Members of the family <i>Osmeridae</i>	Gaper.....	<i>Tresus capax</i>
Sole		Littleneck.....	<i>Venerupis</i> spp.
Butter.....	<i>Isopsetta isolepis</i>	Razor.....	<i>Siliqua patula</i>
Curlfin.....	<i>Pleuronichthys decurrens</i>	Softshell.....	<i>Mya arenaria</i>
Dover.....	<i>Microstomus pacificus</i>	Mussel.....	<i>Mytilus</i> spp.
English.....	<i>Parophrys vetulus</i>	Octopus.....	<i>Polypus</i> spp.
Flathead.....	<i>Hippoglossoides elassodon</i>	Oyster	
Petrale.....	<i>Eopsetta jordani</i>	Kumomoto.....	<i>Crassostrea gigas</i> var.
Rex.....	<i>Glyptocephalus zachirus</i>	Native.....	<i>Ostrea lurida</i>
Rock.....	<i>Lepidopsetta bilineata</i>	Pacific.....	<i>Crassostrea gigas</i>
Sand.....	<i>Psettichthys melanostictus</i>	Scallop, Weatherwane.....	<i>Patinoplectin caurinus</i>
Slender.....	<i>Lyopsetta exilis</i>		

Table 2. Type and number of commercial fishing licenses issued, 1972-81.

Type	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981
Albacore tuna landing..	--	--	424	458	202	164	179	147	134	223
Bait dealer.....	29	29	27	31	28	41	49	43	55	77
Bait fishing.....	35	40	59	51	39	52	64	66	72	112
Boat.....	3314	3567	2978	3067	3452	4095	4359	4263	4928	4575
Boat, lost license.....	2	6	15	13	11	5	15	16	2	-
Buyer.....	135	121	103	85	101	102	96	93	84	121
Canner, fish.....	18	17	17	17	13	14	13	13	12	8
Canner, shellfish.....	2	1	1	1	2	2	3	2	3	3
Fishing.....	5989	6668	5556	5540	5990	7980	8566	8258	8383	8008
Fishing, lost license..	54	41	48	37	33	64	59	66	21	10
Gillnet.....	588	598	--	--	--	--	730	815	571 ^{1/}	534 ^{1/}
Troll permit.....	--	--	--	--	--	--	--	--	4311	3926
Shrimp permit.....	--	--	--	--	--	--	--	--	373	295
Scallop permit.....	--	--	--	--	--	--	--	--	--	196
Single delivery.....	384	382	110	106	88	66	77	55	224	196
Special permit.....	111	124	169	249	225	213	214	235	129	99
Wholesale.....	163	151	162	164	185	200	170	187	243	229
TOTAL	10824	11745	9669	9819	10369	12998	14594	14259	19545	18612

^{1/} Gillnet Permit

TABLE 3. COMMERCIAL FISH AND SHELLFISH LANDINGS (POUNDS ROUND) IN OREGON, 1972-1981.

	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981
FISH:										
Anchovy, northern....	1/	1/	1/	39002	1500	200	300	700	0	0
Bass, striped.....	54449	39517	35151	18019	2/	2/	2/	2/	2/	2/
Cabezon.....	0	0	0	0	0	0	0	0	0	299
Cod, Pacific.....	1075675	466186	700607	588029	628939	846913	931676	931704	356522	116947*
Flounder, arrowtooth.	50903 3/	73159 3/	34060 3/	101812 3/	71280 3/	194708 3/	380564	745000	438774	1311268*
Flounder, starry....	521900	463583	613504	887588	1754995	746795	1211186	645989	426768	889441
Hake, Pac. (Whitings).	0	62013	36416	6320	471987	974687	858049	304700	605298	360251
Halibut, Pacific.....	68571	51601	67630	57878	58149	78500	62998	43448	176684	150396
Herrings, Pacific.....	38726 4/	49218 4/	65629 4/	70867	83613	54874	137231	175448	140723	148410
Lamprey, Pacific.....	1273	0	4000	3138	865	1481	9090	8935	3233	4666
Linscod.....	1663760	2312925	2167563	1664442	1116570	996228	1180735	1805165	1662778	2307361*
Mackerel.....	0	276	473	5080	2987	3613	810	5231	20	26
Rockfish (misc. spp.)	5283943	4898304	4022363	3256941	5714320	6457698	11559767	19194651	35173303	18321418*
Rockfish, Widow.....	9/	9/	9/	9/	9/	9/	9/	9/	9/	31768970*
Pac. Oc. perch.....	5/ 588244	570145	887044	921419	2332603	1446010	1934061	4193424	3615284	4350997*
Sablefish.....	449010	1298698	601181	728981	1080658	921098	3816029	17024760	6025840	5166329*
Salmon, chinook.....	5085474	9595654	4911284	6534955	4820004	6953526	4543434	4804950	3954327	2439675*
Salmon, chum.....	9960	11788	3272	4625	10111	810	13086	338	1824	11118
Salmon, coho.....	6482926	7305423	10054741	5823540	11413708	3291276	4148041	6160328	3255659	4156442*
Salmon, pink.....	132	16363	81	1041	6378	455566	281	122324	1805	372605*
Salmon, sockeye.....	153722	10944	21	7	399	210	50	10	0	0
Sanddab, Pacific.....	114467	193872	245392	365095	326960	243560	227027	453383	356592	293589*
Shad, American.....	640844	450747	264505	456758	412635	369780	671598	703166	291414	117477*
Shark, soupfin.....	3755	343	1010	855	2982	1805	856	3049	1791	3585
Shark, spiny dogfish.	514	906	12701	19367	13330	56090	160326	85446	56305	10608
Shark, other.....	0	0	0	0	0	0	0	0	0	1293
Skates and Rays.....	1037	7477	13989	16180	254044	255298	401579	408573	183673	85861
Smeelt.....	133403	62244	424627	9147	19761	956275	7100	791228	328762	24013
Sole, butter.....	0	2842	3411	22962	14586	48558	63498	44244	26713	22463
Sole, curfin (turbot)	6/	6/	6/	6/	6/	6/	10087	2532	1016	5105
Sole, Dover.....	6014291	4572561	5714525	4886918	5018116	4075203	7546417	11226910	9080509	11672995*
Sole, English.....	2195609	2378570	1786406	2173321	3602638	2171203	2283864	2390661	1584178	1600095*
Sole, flathead.....	0	0	0	33351	59968	22814	18127	31165	7035	11111*
Sole, petrale.....	2206880	2244005	2746087	2654859	1764712	1818942	2246190	2330293	1890934	1948665*
Sole, rex.....	1324442	1268203	1311021	1010607	1078871	952756	1431578	1638048	1175957	1346409*
Sole, rock.....	2425	388	3549	26212	14230	20360	20164	20301	28729	19871*
Sole, sand.....	444261	401791	313835	470267	847841	466900	569098	769564	564653	735458*
Sole, miscellaneous..	0	2030	2	13017	70492	16595	19316	39777	25	0
Steelhead.....	457276	461329	129414	26529	33548	73000	74900	41193	29772	61060
Sturgeon, green.....	33823	22247	85771	32974	40945	16721	34995	22243	23240	9990
Sturgeon, white.....	202665	268582	271203	301284	483895	240962	181219	312161	183927	280123
Surfperch.....	0	1572	6769	0	39	288	288	2487	121	167
Tuna, albacore.....	23056004	16338827	25224720	17165537	5933617	4420159	11285419	3106607	3504715	7726890
Tuna, other.....	6177711	8086658	7815206	6418872	11415793	5478762	7112254	5713979	1006	690
Wolf-eel.....	0	0	0	505	285	145	688	253	690	1435
Miscellaneous.....	7/ 750068	612377	742556	994620	631019	552768	122328	97253	227422	335370
CRUSTACEANS:										
Crab, Dungeness.....	6762259	2349645	3917625	4026937	8134065	19902419	12501274	15631877	18650635	6984025
Crab, rock.....	0	0	0	0	0	0	863	2333	1788	7
Crayfish.....	8730	994	12094	26559	1194	32494	11286	20663	78359	83904
Shrimp, brine.....	0	0	0	0	0	0	0	278	3125	3935
Shrimp, ghost (sand).	10082	12753	14628	19533	27303	33097	57325	46546	57888	55499
Shrimp, pink.....	20731151	24517194	20313760	24083568	25456007	48580070	56666109	29586586	30152030	25923589
MOLLUSKS:										
Clams, bay.....	74130	34452	24956	27780	88029	75758	215031	94912	80467	74707
Clams, razor.....	8/	8/	8/	40465	118016	45781	41455	36228	20291	22516
Mussels.....	588	0	0	728	666	312	818	19068	60629	17866
Octopus.....	2886	11095	0	7244	14538	4049	16122	24187	14013	14082*
Scallop, Weathervane.	0	0	0	0	0	0	0	3434	0	16853845*
Squid.....	0	0	0	0	0	0	0	0	0	225
Oysters.....	175720	198072	233528	213136	166128	233736	241168	222048	234784	269840
TOTAL	93053689	91736521	95838310	86258871	95626041	114590565	135027755	132089781	124742030	148494292

1/ INCLUDED IN PACIFIC HERRING.
 2/ NO COMMERCIAL SEASON.
 3/ INCLUDES CURLFIN SOLE (TURBOT).
 4/ INCLUDES NORTHERN ANCHOVY.

5/ INCLUDES ROCKFISH SIMILAR IN APPEARANCE TO PACIFIC OCEAN PERCH.
 6/ INCLUDED IN ARROWTOOTH FLOUNDER.
 7/ INCLUDES MINK FOOD, SCRAP, MISCELLANEOUS COD, CARP, AND WALLEYE.
 8/ INCLUDED IN BAY CLAMS.

9/ INCLUDED IN ROCKFISH (MISC. SPP.).
 10/ ASTERISK IDENTIFIES SPECIES WITH A 1981 POUNDAGE CORRECTION.

TABLE 4. COMMERCIAL FISH AND SHELLFISH LANDINGS (POUNDS ROUND) BY PORT IN OREGON, 1981.

SPECIES	COLUMBIA RIVER 1/	ASTORIA	TILLAMOOK	PACIFIC CITY	DEFOE BAY	NEWPORT	ELORENCE	WINCHESTER BAY	COOS BAY	BANDON	PORT OREGON	GOLD BEACH	BROOKINGS	OTHER 2/ LOCATIONS	TOTAL
FISH:															
Cabezon.....	0	0	0	0	10	289	0	0	0	0	0	0	0	0	299
Cod, Pacific.....	0	103778	6	0	0	13060	0	56	47	0	0	0	0	0	116947
Flounder, arrowtooth.....	0	1218842	14769	0	8	49659	0	86	1475	0	0	0	26429	0	1311268
Flounder, starry.....	7370	744348	0	0	0	28337	0	110	100903	1320	0	0	7053	0	889441
Hake, Pac. (Whiting).....	0	360251	0	0	0	0	0	0	0	0	0	0	0	0	360251
Halibut, Pacific.....	0	107472	203	614	336	35967	0	3452	2340	12	0	0	0	0	150396
Herrins, Pacific.....	0	0	0	0	0	91007	0	57403	0	0	0	0	0	0	148410
Lamprey, Pacific.....	0	0	0	0	0	0	0	0	0	0	0	0	0	4666	4666
Lingscod.....	0	908671	6925	13709	603	739756	14	22804	378932	134	22842	2272	210699	0	2307361
Mackerel.....	0	0	0	26	0	0	0	0	0	0	0	0	0	0	26
Rockfish (misc. spp.).....	0	8327980	42131	43897	3405	4761939	764	72020	3154774	3337	97642	7040	1806389	100	18321418
Rockfish, Widow.....	0	5096181	10493	0	0	20240711	0	260961	6003154	0	0	0	157470	0	31768970
Pac. Oc. perch.....	0	1651678	21579	0	0	2384225	0	4835	275966	0	0	0	12714	0	4350997
Sablefish.....	0	1240609	6507	151	0	1847415	0	47362	1789524	8893	3553	0	222315	0	5166329
Salmon, chinook.....	630274	148620	56040	31358	15135	332005	30557	43310	245387	32710	125149	54734	694386	10	2439675
Salmon, chum.....	11113	0	0	0	0	5	0	0	0	0	0	0	0	0	11118
Salmon, coho.....	333468	309939	355922	435240	179931	1046375	125682	315010	626194	47563	164046	32628	184285	159	4156442
Salmon, pink.....	20	13912	24137	39648	8876	76627	2766	21243	100062	6645	24708	6173	47780	8	372405
Sanddab, Pacific.....	0	223765	51	0	0	30562	0	7778	13908	0	0	0	17525	0	293589
Shad, American.....	66700	155	0	0	0	0	7006	43616	0	0	0	0	0	0	117477
Shark, soupfin.....	0	2410	0	0	0	343	0	49	309	0	0	0	474	0	3585
Shark, spiny dogfish.....	61	9860	0	0	0	616	0	0	0	0	71	0	0	0	10408
Shark, other.....	0	470	32	0	0	791	0	0	0	0	0	0	0	0	1293
Skates and Rays.....	0	68474	0	0	0	13155	0	0	2816	0	79	0	1337	0	85861
Smelt.....	23750	0	0	0	0	0	0	15	248	0	0	0	0	0	24013
Sole, butter.....	0	2068	0	0	0	2969	0	0	7262	0	0	0	10164	0	22463
Sole, curlfin(turbot).....	0	0	0	0	0	150	0	0	4405	0	0	0	550	0	5105
Sole, Dover.....	0	3131859	14168	0	0	2725004	0	333027	4233147	0	0	75	1235715	0	11672995
Sole, English.....	0	802703	217	0	0	445888	0	13385	146699	465	0	248	190490	0	1600095
Sole, flathead.....	0	11030	81	0	0	0	0	0	0	0	0	0	0	0	11111
Sole, Petrale.....	0	685993	1287	4	9	681842	0	29790	422633	93	0	354	126660	0	1948665
Sole, rex.....	0	910453	2334	0	0	150889	0	10183	152254	0	0	35	120261	0	1346409
Sole, rock.....	0	753	6	0	0	13420	0	0	5692	0	0	0	0	0	19871
Sole, sand.....	0	450461	0	3	0	93296	0	683	141738	1578	0	0	47699	0	735458
Steelhead.....	61060	0	0	0	0	0	0	0	0	0	0	0	0	0	61060
Sturgeon, green.....	1399	4557	0	0	0	1517	0	783	1714	0	20	0	0	0	9990
Sturgeon, white.....	277750	2173	0	0	0	200	0	0	0	0	0	0	0	0	280123
Surfperch.....	0	15	0	0	0	143	0	0	9	0	0	0	0	0	167
Tuna, albacore.....	0	4022732	57222	532	14065	1395918	24636	283067	1786345	1685	65821	9089	65778	0	7726890
Wolf-eel.....	0	0	0	0	0	1012	0	423	0	0	0	0	0	0	1435
Miscellaneous.....	0	335370	0	0	0	0	0	0	0	0	0	0	0	0	335370
CRUSTACEANS:															
Crab, Dunseness, Bay.....	0	0	7812	648	0	139	0	0	2944	0	0	0	0	9882	21425
Crab, Dunseness, Oc.....	0	911437	336572	4510	132074	1631003	22376	564378	1296977	0	665154	88	1398031	0	6962600
Crab, rock.....	0	0	0	0	0	7	0	0	0	0	0	0	0	0	7
Crayfish.....	0	0	0	0	0	0	0	0	0	0	0	0	0	83904	83904
Shrimp, brine.....	0	0	0	0	0	0	0	0	0	0	0	0	0	3935	3935
Shrimp, ghost (sand).....	0	435	37000	295	0	9159	220	8	567	0	0	0	0	7815	55499
Shrimp, pink.....	0	8060623	1312436	0	0	7000469	0	347662	8130959	475	3768	1780	1065417	0	25923589
MOLLUSKS:															
Clams, butter.....	0	0	115	0	0	0	0	45	2249	0	0	0	0	0	2409
Clams, cockle.....	0	0	3993	0	0	128	0	0	459	0	0	0	0	0	4580
Clams, sapper.....	0	0	0	0	0	0	0	0	62142	0	0	0	0	0	62142
Clams, littleneck.....	0	0	151	0	0	0	0	55	4686	0	0	0	0	0	4892
Clams, razor.....	0	22516	0	0	0	0	0	0	0	0	0	0	0	0	22516
Clams, softshell.....	0	0	0	0	0	0	684	0	0	0	0	0	0	0	684
Mussels.....	0	4938	3202	0	9314	0	392	0	20	0	0	0	0	0	17866
Octopus.....	0	0	61	0	0	1936	0	0	1522	0	2078	0	8485	0	14082
Scallop, Weatherwane.....	0	6074827	83216	0	0	992208	512	270818	9376975	0	3452	817	51020	0	16853845
Squid.....	0	0	0	0	0	225	0	0	0	0	0	0	0	0	225
TOTAL	1412965	45972358	2398668	570635	363766	46840366	215609	2754417	38477437	104910	1178383	115333	7709126	110479	148224452

1/ OREGON LANDINGS ONLY.

2/ LANDINGS AT NEHALEM BAY, NETARTS BAY, SILETZ BAY, WALDFORT AND BRINE SHRIMP FROM LAKE ABERT.

TABLE 5. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH IN OREGON, 1981.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Cabezon.....	4	0	65	71	10	12	65	0	24	0	0	48	299
Cod, Pacific.....	13431	4780	944	4704	10386	15447	16617	20884	11670	13148	4896	40	116947
Flounder, arrowtooth.....	7590	19237	41051	23111	256148	190511	363450	183980	114022	90823	8738	12607	1311268
Flounder, starry.....	127792	18868	84740	47548	145623	168433	119304	105974	26184	39729	4926	320	889441
Hake, Pac. (Whitins).....	0	0	0	0	78114	58388	171885	40446	7551	3867	0	0	360251
Halibut, Pacific.....	0	0	0	0	0	116293	22445	9288	2370	0	0	0	150396
Herring, Pacific.....	0	0	91007	0	300	428	10668	31669	12491	1847	0	0	148410
Lamprey, Pacific.....	0	0	0	0	0	0	4466	200	0	0	0	0	4666
Linscod.....	81955	90643	167872	85150	243825	337219	406335	272305	216246	263016	121963	20832	2307361
Mackerel.....	0	0	0	0	0	0	0	26	0	0	0	0	26
Rockfish (misc. spp.).....	597124	940955	1185845	1597552	2034227	2347816	2511272	2598327	1472650	1988712	750285	296653	18321418
Rockfish, Widow.....	4698858	3757795	5922401	2923132	1926926	1057178	1747724	2393185	2045605	1867575	2577388	851203	31768970
Pac. Oc. perch.....	267174	273485	489597	407550	587349	390326	494916	450367	257679	399307	204604	128643	4350997
Sablefish.....	210495	431222	224431	362058	763091	718795	654409	563986	422829	565340	141485	108188	5166329
Salmon, chinook.....	0	53685	47947	1487	293643	8128	364592	828395	636007	178151	27640	0	2439675
Salmon, chum.....	0	0	0	0	0	0	5	0	22	5399	5692	0	11118
Salmon, coho.....	0	157	0	0	0	0	1748080	2077263	119977	160580	50385	0	4158442
Salmon, pink.....	0	0	0	0	125	27	78090	294343	4	16	0	0	372605
Sanddab, Pacific.....	13106	26548	16597	17303	44835	21378	56356	23352	17895	43840	8775	3604	293589
Shad, American.....	0	0	0	0	17835	94519	4963	0	0	5	155	0	117477
Shark, soupfin.....	400	621	182	11	102	427	180	654	433	166	233	176	3585
Shark, spiny dogfish.....	0	3174	2609	2009	1802	42	14	231	678	0	42	0	10608
Shark, other.....	0	500	183	330	92	8	8	140	0	32	0	0	1293
Skates and Rays.....	0	10876	5989	19024	11772	19970	4871	209	0	1590	11260	290	85861
Smelt.....	7390	273	16325	0	0	0	0	0	0	0	0	25	24013
Sole, butter.....	4049	3944	3064	215	1277	5400	1501	342	539	1948	184	0	22463
Sole, curlfin(turbot).....	0	150	0	13	1460	322	2565	408	187	0	0	0	5105
Sole, Dover.....	447420	494215	941787	930616	1245686	1074071	1294302	1665336	1368382	1186495	677438	347247	11672995
Sole, English.....	138596	144746	98300	82282	154803	126335	213311	228898	190521	137260	66221	18822	1600095
Sole, flathead.....	81	0	0	80	4485	4033	2180	206	29	17	0	0	11111
Sole, petrale.....	175010	255455	202359	87533	176930	220937	153033	195782	166092	153665	113673	48196	1948665
Sole, rex.....	91859	178424	101700	60278	154768	93838	143263	202435	124919	129078	50497	15350	1346409
Sole, rock.....	0	588	31	70	791	2720	5645	5078	1390	2955	603	0	19871
Sole, sand.....	25453	19226	25453	36093	54631	81804	230326	128463	72415	46318	13756	1520	735458
Steelhead.....	0	6437	18964	886	0	0	0	0	34636	137	0	0	61060
Sturgeon, green.....	40	242	156	596	2223	1973	2552	365	967	729	147	0	9990
Sturgeon, white.....	1863	58107	33372	13750	11555	636	608	49009	41168	50658	14583	4814	280123
Surfperch.....	9	0	0	16	12	15	0	0	0	15	0	100	167
Tuna, albacore.....	0	0	0	0	0	0	1867705	4250841	1103379	381610	123355	0	7726890
Wolf-eel.....	0	56	49	322	168	126	63	67	584	0	0	0	1435
Miscellaneous.....	19446	7234	16868	15561	54688	23551	76137	53014	24029	39414	5046	382	335370
CRUSTACEANS:													
Crab, Dunseness, Bay.....	1194	714	82	6	225	446	1401	1203	1453	8077	6099	525	21425
Crab, Dunseness, Oc.....	1612611	689190	433239	445855	210954	97604	84397	118980	85751	0	0	3184019	6962600
Crab, rock.....	0	4	0	3	0	0	0	0	0	0	0	0	7
Crayfish.....	0	0	0	1849	4585	16380	18378	21132	17325	4255	0	0	83904
Shrimp, brine.....	0	0	0	0	0	0	1270	1625	1040	0	0	0	3935
Shrimp, ghost (sand).....	2286	3034	4405	6935	7823	4608	6325	5954	5016	4688	2623	1802	55499
Shrimp, pink.....	0	0	0	7106470	6198969	3131652	2566409	3090931	2087661	1741497	0	0	25923589
MOLLUSKS:													
Clams, butter.....	0	0	25	10	0	0	80	45	448	639	786	376	2409
Clams, cockle.....	0	0	297	770	762	2052	602	35	37	15	10	0	4580
Clams, soper.....	0	0	0	0	0	0	22	2153	11639	20648	20783	6897	62142
Clams, littleneck.....	0	52	812	713	1302	450	586	309	469	132	34	33	4892
Clams, razor.....	914	488	786	682	788	280	791	11	900	8136	6351	2389	22516
Clams, softshell.....	0	0	0	198	98	0	328	0	60	0	0	0	684
Mussels.....	479	1223	1819	1980	3570	1529	1837	982	1130	1417	1154	746	17866
Octopus.....	1705	2796	1715	2099	992	612	435	726	214	464	448	1876	14082
Scallop, Weathervane.....	0	0	0	293678	2345561	6083347	3592007	2529007	789647	857599	213268	149731	16853845
Squid.....	0	0	0	0	0	0	0	0	0	0	225	0	225
TOTAL	8548334	7499144	10183068	14580599	17055311	16520066	19048774	22448337	11495927	10401687	5235709	5207496	148224452

TABLE 6. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH FROM THE COLUMBIA RIVER, 1981. 1/

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
BELOW BONNEVILLE DAM													
FISH:													
Flounder, starry.....	0	4326	2918	0	0	0	0	0	32	89	5	0	7370
Salmon, chinook.....	0	53561	39312	0	0	0	0	24999	114155	29023	4546	0	265596
Salmon, chum.....	0	0	0	0	0	0	0	0	22	5399	5692	0	11113
Salmon, coho.....	0	0	0	0	0	0	0	2369	116995	160520	50385	0	330269
Salmon, pink.....	0	0	0	0	0	0	0	0	4	16	0	0	20
Shad, American.....	0	0	0	0	12655	52544	1496	0	0	5	0	0	66700
Shark, spiny dogfish.	0	0	0	0	0	0	0	0	0	61	0	0	61
Smelt.....	7390	10	16325	0	0	0	0	0	0	0	0	25	23750
Steelhead.....	0	0	0	0	0	0	0	0	0	128	0	0	128
Sturgeon, green.....	0	0	0	0	0	0	0	33	941	425	0	0	1399
Sturgeon, white.....	1279	47639	27062	10495	645	0	0	33904	35930	42844	10889	2608	213295
TOTAL	8669	105536	85617	10495	13300	52544	1496	61305	268079	238510	71517	2633	919701
ABOVE BONNEVILLE DAM													
FISH:													
Salmon, chinook.....	0	124	8635	1487	0	0	0	0	354362	70	0	0	364678
Salmon, coho.....	0	157	0	0	0	0	0	0	2982	60	0	0	3199
Steelhead.....	0	6437	18964	886	0	0	0	0	34636	9	0	0	60932
Sturgeon, white.....	584	10468	6250	2906	10110	490	0	14895	5238	7814	3694	2006	64455
TOTAL	584	17186	33849	5279	10110	490	0	14895	397218	7953	3694	2006	493264
TOTAL	9253	122722	119466	15774	23410	53034	1496	76200	665297	246463	75211	4639	1412965

1/ OREGON LANDINGS ONLY.

TABLE 7. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH AT ASTORIA, 1981. 1/ 2/

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Cod, Pacific.....	5633	4612	845	4607	8281	13757	15909	20624	11608	12972	4890	40	103778
Flounder, arrowtooth.	2118	5906	31752	15935	248336	179222	352858	173888	107061	81812	7461	12493	1218842
Flounder, starry.....	116725	2336	79753	46614	133367	132027	102973	79550	12153	35728	3102	25	744348
Hake, Pac. (Whiting).	0	0	0	0	78114	58388	171885	40446	7551	3867	0	0	360251
Halibut, Pacific.....	0	0	0	0	0	96381	7759	2455	877	0	0	0	107472
Lingscod.....	31975	51613	84383	34432	163127	118451	129320	84002	62308	94901	50559	3600	908671
Rockfish (misc. spp.)	178615	188767	391246	671131	994626	1049220	1733251	1351519	491784	1106427	152641	18753	8327980
Rockfish, Widow.....	1345703	568666	1051692	823017	206844	75939	0	12000	64607	409403	538310	0	5096181
Pac. Oc. perch.....	173086	127742	180394	146066	177382	102331	214967	207106	108719	165672	40458	7755	1651678
Sablefish.....	30480	15568	88015	52240	197355	167847	297652	147830	59834	161905	10830	11053	1240609
Salmon, chinook.....	0	0	0	0	114869	3678	22586	6840	277	370	0	0	148620
Salmon, coho.....	0	0	0	0	0	0	229906	80033	0	0	0	0	309939
Salmon, pink.....	0	0	0	0	0	27	6479	7406	0	0	0	0	13912
Sanddab, Pacific.....	8139	11945	12726	10624	39878	17429	49746	16346	16178	37458	2441	855	223765
Shad, American.....	0	0	0	0	0	0	0	0	0	0	155	0	155
Shark, soupfin.....	213	426	92	0	78	358	161	592	384	106	0	0	2410
Shark, spiny dogfish.	0	3174	2538	2002	1760	0	0	0	0	386	0	0	9860
Shark, other.....	0	0	0	330	0	0	0	140	0	0	0	0	470
Skates and Rays.....	0	9460	5040	17114	11747	19948	4796	209	0	50	110	0	68474
Sole, butter.....	0	0	0	103	88	146	168	340	363	860	0	0	2068
Sole, Dover.....	205892	129476	444754	316949	316304	240171	360231	385666	306060	284348	85934	56074	3131859
Sole, English.....	51952	72009	37045	50873	111122	56155	130348	123150	92535	51716	24508	1290	802703
Sole, flathead.....	0	0	0	80	4485	4033	2180	206	29	17	0	0	11030
Sole, petrale.....	62175	115958	87562	35562	100988	34875	17828	35666	59387	61957	69243	4792	685993
Sole, rex.....	39726	123567	68707	38361	98760	49465	117381	146296	93917	102652	30531	1090	910453
Sole, rock.....	0	0	0	0	0	0	193	340	0	220	0	0	753
Sole, sand.....	1172	6322	19809	34350	37614	52845	166035	76051	31472	23738	703	350	450461
Sturgeon, green.....	0	0	72	346	1494	1064	1313	130	0	112	26	0	4557
Sturgeon, white.....	0	0	60	349	800	146	608	210	0	0	0	0	2173
Surfperch.....	0	0	0	0	0	0	0	0	0	15	0	0	15
Tuna, albacore.....	0	0	0	0	0	0	265467	2846202	656426	195444	59193	0	4022732
Miscellaneous.....	19446	7234	16868	15561	54688	23551	76137	53014	24029	39414	5046	382	335370
CRUSTACEANS:													
Crab, Dungeness, Oc..	182481	76677	64045	87565	41406	18720	37008	59377	34344	0	0	309814	911437
Shrimp, ghost (sand).	0	5	25	40	130	75	85	40	22	13	0	0	435
Shrimp, pink.....	0	0	0	805084	1791499	1166772	1525063	1225478	897941	648786	0	0	8060623
MOLLUSKS:													
Clams, razor.....	914	488	786	682	788	280	791	11	900	8136	6351	2389	22516
Mussels.....	96	622	1098	463	1861	171	261	0	62	204	100	0	4938
Scallop, weathervane.	0	0	0	0	492880	1631754	2374069	1238757	122171	116742	98454	0	6074827
TOTAL	2456541	1522573	2669307	3210480	5430671	5315221	8415414	8421920	3262999	3645431	1191046	430755	45972358

1/ OCEAN LANDINGS ONLY; SEE TABLE 6 FOR COLUMBIA RIVER LANDINGS.
 2/ INCLUDES LANDINGS AT WARRENTON, HAMMOND, GEARHART, AND SEASIDE.

TABLE 8. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH AT NEHALEM BAY, 1981.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
CRUSTACEANS:													
Shrimp, ghost (sand).	0	0	735	3996	0	0	0	0	0	0	0	0	4731
TOTAL			735	3996									4731

TABLE 9. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH AT TILLAMOOK BAY, 1981.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Cod, Pacific.....	0	0	0	0	0	0	6	0	0	0	0	0	6
Flounder, arrowtooth.	4178	9558	0	239	419	3	0	0	372	0	0	0	14769
Halibut, Pacific.....	0	0	0	0	0	0	177	26	0	0	0	0	203
Linsted.....	0	267	34	932	1259	688	1027	986	1072	549	0	111	6925
Rockfish (misc. spp.)	80	0	75	7285	14002	4243	7136	5654	2016	1626	0	14	42131
Rockfish, Widow.....	0	0	0	0	10493	0	0	0	0	0	0	0	10493
Pac. Oc. perch.....	4394	4059	0	1115	4622	4182	1287	689	1104	127	0	0	21579
Sablefish.....	1161	1218	0	23	311	1435	883	790	686	0	0	0	6507
Salmon, chinook.....	0	0	0	0	4824	0	30618	17804	2254	540	0	0	56040
Salmon, coho.....	0	0	0	0	0	0	254491	101431	0	0	0	0	355922
Salmon, pink.....	0	0	0	0	12	0	4210	19915	0	0	0	0	24137
Sanddab, Pacific.....	0	0	0	0	0	0	0	1	0	0	0	50	51
Shark, other.....	0	0	0	0	0	0	0	0	0	32	0	0	32
Sole, Dover.....	3533	6856	0	601	1134	567	237	131	1074	35	0	0	14168
Sole, English.....	12	0	0	0	0	0	0	0	0	0	0	205	217
Sole, flathead.....	81	0	0	0	0	0	0	0	0	0	0	0	81
Sole, petrale.....	182	409	0	64	244	226	29	0	17	0	0	116	1287
Sole, rex.....	1287	577	0	0	79	57	140	30	57	0	0	107	2334
Sole, rock.....	0	0	0	0	6	0	0	0	0	0	0	0	6
Tuna, albacore.....	0	0	0	0	0	0	28593	28629	0	0	0	0	57222
CRUSTACEANS:													
Crab, Dunseness, Bay.	0	0	0	0	86	166	976	1005	435	3395	1739	10	7812
Crab, Dunseness, Oc..	97763	31678	33964	39059	28732	11483	13313	20264	11413	0	0	48903	336572
Shrimp, ghost (sand).	1974	2707	2268	1990	5861	3813	4355	3116	2796	3827	2602	1691	37000
Shrimp, pink.....	0	0	0	212916	519775	215781	162544	98954	67186	35280	0	0	1312436
MOLLUSKS:													
Clams, butter.....	0	0	25	10	0	0	80	0	0	0	0	0	115
Clams, cockle.....	0	0	297	730	762	1999	205	0	0	0	0	0	3993
Clams, littleneck....	0	0	85	15	0	51	0	0	0	0	0	0	151
Mussels.....	383	601	721	1497	0	0	0	0	0	0	0	0	3202
Octopus.....	40	0	0	0	0	0	0	0	21	0	0	0	61
Scallop, Weathervane.	0	0	0	0	0	10735	55539	4583	10201	2158	0	0	83216
TOTAL	115068	57930	37469	266476	592621	255429	565846	304008	100704	47569	4341	51207	2398668

TABLE 10. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH AT NETARTS BAY, 1981.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
CRUSTACEANS:													
Crab, Dungeness, Bay.	1019	698	4	0	0	0	0	0	76	1269	2140	366	5572
Shrimp, ghost (sand).	0	0	23	27	35	44	102	115	69	30	0	0	445
TOTAL	1019	698	27	27	35	44	102	115	145	1299	2140	366	6017

TABLE 11. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH AT PACIFIC CITY, 1981.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Halibut, Pacific.....	0	0	0	0	0	55	559	0	0	0	0	0	614
Lingscod.....	0	138	196	242	4451	2930	1998	2500	477	279	498	0	13709
Mackerel.....	0	0	0	0	0	0	0	26	0	0	0	0	26
Rockfish (misc. spp.)	0	0	64	1382	8522	16150	3085	14406	156	119	13	0	43897
Sablefish.....	0	0	0	0	0	0	130	21	0	0	0	0	151
Salmon, chinook.....	0	0	0	0	23	0	17439	13244	229	423	0	0	31358
Salmon, coho.....	0	0	0	0	0	0	228043	207197	0	0	0	0	435240
Salmon, pink.....	0	0	0	0	0	0	9121	30527	0	0	0	0	39648
Sole, Petrale.....	0	0	0	0	0	0	0	4	0	0	0	0	4
Sole, sand.....	0	0	0	0	0	3	0	0	0	0	0	0	3
Tuna, albacore.....	0	0	0	0	0	0	0	532	0	0	0	0	532
CRUSTACEANS:													
Crab, Dungeness, Bay.	0	0	0	0	0	240	372	36	0	0	0	0	648
Crab, Dungeness, Oc..	469	562	486	1860	511	397	183	42	0	0	0	0	4510
Shrimp, ghost (sand).	0	0	0	5	0	0	0	15	175	0	0	100	295
TOTAL	469	700	746	3489	13507	19775	260930	268550	1037	821	511	100	570635

TABLE 12. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH AT SILETZ BAY, 1981.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Rockfish (misc. spp.)	0	0	0	0	0	0	0	0	100	0	0	0	100
Salmon, coho.....	0	0	0	0	0	0	0	159	0	0	0	0	159
Salmon, pink.....	0	0	0	0	0	0	0	8	0	0	0	0	8
CRUSTACEANS:													
Shrimp, ghost (sand).	0	0	0	0	0	106	128	133	150	0	0	0	517
TOTAL						106	128	300	250				784

TABLE 13. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH AT DEPOE BAY, 1981.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Cabezon.....	0	0	0	0	10	0	0	0	0	0	0	0	10
Flounder, arrowtooth.	0	0	0	0	0	0	8	0	0	0	0	0	8
Halibut, Pacific.....	0	0	0	0	0	0	336	0	0	0	0	0	336
Lingcod.....	0	0	0	71	45	0	201	85	0	0	201	0	603
Rockfish (misc. spp.)	0	0	90	0	725	0	1763	807	0	0	20	0	3405
Salmon, chinook.....	0	0	0	0	390	0	8552	6066	127	0	0	0	15135
Salmon, coho.....	0	0	0	0	0	0	75675	104256	0	0	0	0	179931
Salmon, pink.....	0	0	0	0	0	0	2922	5954	0	0	0	0	8876
Sole, petrale.....	0	0	0	0	0	0	9	0	0	0	0	0	9
Tuna, albacore.....	0	0	0	0	0	0	10462	3603	0	0	0	0	14065
CRUSTACEANS:													
Crab, Dungeness, Oc..	43111	20957	17862	18691	11986	1860	872	0	0	0	0	16735	132074
MOLLUSKS:													
Mussels.....	0	0	0	0	1317	1358	1576	982	1068	1213	1054	746	9314
TOTAL	43111	20957	17952	18762	14473	3218	102376	121753	1195	1213	1275	17481	363766

TABLE 14. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH AT NEWPORT, 1981.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Cabezon.....	4	0	65	71	0	12	65	0	24	0	0	48	289
Cod, Pacific.....	7798	168	99	97	2105	1603	684	260	62	176	6	0	13060
Flounder, arrowtooth.	1016	1258	3747	1109	2499	6286	9306	7527	6374	8946	1277	114	49659
Flounder, starry.....	3770	2780	1393	459	1377	1889	1837	4252	5865	3103	1317	295	28337
Halibut, Pacific.....	0	0	0	0	0	18044	11752	5535	636	0	0	0	35967
Herrings, Pacific.....	0	0	91007	0	0	0	0	0	0	0	0	0	91007
Lindcod.....	33311	18243	39128	21321	37999	134292	193750	59098	42847	107111	42956	9700	739756
Rockfish (misc. spp.)	141772	344876	469432	470267	558895	737150	251995	578964	355320	492767	194217	166284	4761939
Rockfish, Widow.....	2281333	2206957	3710242	1542628	1298188	839354	1460951	1804635	1461036	1266463	1621418	747506	20240711
Pac. Oc. perch.....	80994	112491	303558	248133	263034	264245	259912	226275	132539	225974	154751	112319	2384225
Sablefish.....	30728	78326	53646	127065	221383	310253	210035	226087	240264	255970	30487	63171	1847415
Salmon, chinook.....	0	0	0	0	95189	3490	106252	116517	3404	7153	0	0	332005
Salmon, chum.....	0	0	0	0	0	0	5	0	0	0	0	0	5
Salmon, coho.....	0	0	0	0	0	0	343480	702895	0	0	0	0	1046375
Salmon, pink.....	0	0	0	0	108	0	14843	61676	0	0	0	0	76627
Sanddab, Pacific.....	1162	3751	413	3029	1658	1999	3468	864	1309	5633	4577	2699	30562
Shark, soupfin.....	30	34	90	0	0	29	19	0	0	0	0	141	343
Shark, spiny dogfish.	0	0	0	7	42	42	14	7	231	231	0	42	616
Shark, other.....	0	500	183	0	92	8	8	0	0	0	0	0	791
Skates and Rays.....	0	0	0	65	25	0	75	0	10	1540	11150	290	13155
Sole, butter.....	597	455	438	65	214	274	0	0	176	613	137	0	2969
Sole, curlfin(turbot)	0	150	0	0	0	0	0	0	0	0	0	0	150
Sole, Dover.....	161094	99290	61796	212759	208119	197153	224793	347982	323781	502070	271567	114600	2725004
Sole, English.....	77237	42185	25759	17445	22570	39208	35248	36590	41179	62730	30321	15416	445888
Sole, petrale.....	51764	63101	52161	22526	48739	144443	73635	63551	48963	65655	25687	21617	681842
Sole, rex.....	29764	18118	9473	1521	6498	3348	6913	21796	17281	19286	7800	9071	150889
Sole, rock.....	0	588	0	70	785	2720	1261	3957	1301	2735	3	0	13420
Sole, sand.....	7360	5446	1494	1263	3928	8874	7933	18008	18362	15279	4294	1055	93296
Sturgeon, green.....	40	242	64	250	157	350	79	22	0	192	121	0	1517
Sturgeon, white.....	0	0	0	0	0	0	0	0	0	0	0	200	200
Surfperch.....	0	0	0	16	12	15	0	0	0	0	0	100	143
Tuna, albacore.....	0	0	0	0	0	0	490755	559999	141496	139768	63900	0	1395918
Wolf-eel.....	0	56	49	322	168	126	63	67	161	0	0	0	1012
CRUSTACEANS:													
Crab, Dunseness, Bay.	0	16	4	6	6	0	0	107	0	0	0	0	139
Crab, Dunseness, Oc..	504371	177034	118392	107864	37741	29847	20847	17580	7551	0	0	609776	1631003
Crab, rock.....	0	4	0	3	0	0	0	0	0	0	0	0	7
Shrimp, ghost (sand).	305	240	1235	198	1635	163	1025	2118	1480	760	0	0	9159
Shrimp, pink.....	0	0	0	1951737	1881447	883066	629673	638998	502133	513415	0	0	7000469
MOLLUSKS:													
Clams, cockle.....	0	0	0	40	0	53	0	35	0	0	0	0	128
Octopus.....	410	361	55	0	315	219	150	80	85	201	0	60	1936
Scallop, Weathervane.	0	0	0	0	0	408890	165401	126148	22576	269193	0	0	992208
Squid.....	0	0	0	0	0	0	0	0	0	0	225	0	225
TOTAL	3414860	3176670	4943923	4730336	4695128	4037465	4526229	5631630	3376446	3966964	2466211	1874504	46840366

TABLE 15. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH AT WALDPOR, 1981.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Salmon, chinook.....	0	0	0	0	10	0	0	0	0	0	0	0	10
CRUSTACEANS:													
Crab, Dunseness, Bay.	0	0	74	0	133	40	4	0	761	2353	945	0	4310
Shrimp, ghost (sand).	0	0	0	626	108	319	423	346	258	42	0	0	2122
TOTAL			74	626	251	359	427	346	1019	2395	945		6442

TABLE 16. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH AT FLORENCE, 1981.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Linscod.....	0	0	0	0	0	0	14	0	0	0	0	0	14
Rockfish (misc. spp.)	0	0	0	0	187	0	242	335	0	0	0	0	764
Salmon, chinook.....	0	0	0	0	3856	0	20208	6448	0	45	0	0	30557
Salmon, coho.....	0	0	0	0	0	0	71817	53865	0	0	0	0	125682
Salmon, pink.....	0	0	0	0	0	0	129	2637	0	0	0	0	2766
Shad, American.....	0	0	0	0	1360	5646	0	0	0	0	0	0	7006
Tuna, albacore.....	0	0	0	0	0	0	8922	15714	0	0	0	0	24636
CRUSTACEANS:													
Crab, Dungeness, Oc..	551	857	2755	4430	3362	4386	1185	1836	2480	0	0	534	22376
Shrimp, ghost (sand).	0	13	0	0	25	50	111	0	21	0	0	0	220
MOLLUSKS:													
Clams, softshell.....	0	0	0	198	98	0	328	0	60	0	0	0	684
Mussels.....	0	0	0	0	392	0	0	0	0	0	0	0	392
Scallop, Weathervane.	0	0	0	0	0	512	0	0	0	0	0	0	512
TOTAL	551	870	2755	4628	9280	10594	102956	80835	2561	45	0	534	215609

TABLE 17. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH AT WINCHESTER BAY, 1981.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Cod, Pacific.....	0	0	0	0	0	56	0	0	0	0	0	0	56
Flounder, arrowtooth.	0	0	0	0	0	0	46	0	40	0	0	0	86
Flounder, starry.....	0	32	6	3	6	0	0	0	0	52	11	0	110
Halibut, Pacific.....	0	0	0	0	0	388	1645	1100	319	0	0	0	3452
Herrins, Pacific.....	0	0	0	0	300	428	10668	31669	12491	1847	0	0	57403
Linscod.....	282	862	1467	305	2880	1836	3825	5019	4680	924	724	0	22804
Rockfish (misc. spp.)	442	7127	4453	7092	23178	10111	5114	3572	4097	5948	886	0	72020
Rockfish, Widow.....	39896	57703	0	0	0	0	0	0	163362	0	0	0	260961
Pac. Oc. perch.....	520	2080	0	563	670	0	189	799	14	0	0	0	4835
Sablefish.....	135	705	2399	2492	7245	898	4598	11249	5429	11371	841	0	47362
Salmon, chinook.....	0	0	0	0	1476	0	30776	10270	719	69	0	0	43310
Salmon, coho.....	0	0	0	0	0	0	185540	129470	0	0	0	0	315010
Salmon, pink.....	0	0	0	0	0	0	3487	17756	0	0	0	0	21243
Sanddab, Pacific.....	478	2730	176	307	1957	229	228	97	166	165	1245	0	7778
Shad, American.....	0	0	0	0	3820	36329	3467	0	0	0	0	0	43616
Shark, soupfin.....	0	0	0	0	0	0	0	0	49	0	0	0	49
Smelt.....	0	15	0	0	0	0	0	0	0	0	0	0	15
Sole, Dover.....	2235	2253	9520	20955	38017	35588	48071	42549	82034	43149	8656	0	333027
Sole, English.....	983	3348	917	198	1281	1776	1313	555	1029	1155	830	0	13385
Sole, petrale.....	1335	7082	2732	651	2537	2446	2472	2563	2519	3465	1988	0	29790
Sole, rex.....	252	2126	642	1221	2838	452	11	294	675	982	690	0	10183
Sole, sand.....	0	307	170	0	0	0	0	0	0	205	1	0	683
Sturgeon, green.....	0	0	0	0	65	219	499	0	0	0	0	0	783
Tuna, albacore.....	0	0	0	0	0	0	172008	100291	10768	0	0	0	283067
Wolf-eel.....	0	0	0	0	0	0	0	0	423	0	0	0	423
CRUSTACEANS:													
Crab, Dungeness, Oc..	117954	75688	28770	37183	22398	5522	2663	5961	4747	0	0	263492	564378
Shrimp, ghost (sand).	0	0	0	0	0	0	0	8	0	0	0	0	8
Shrimp, pink.....	0	0	0	194699	103688	28993	20282	0	0	0	0	0	347662
MOLLUSKS:													
Clams, butter.....	0	0	0	0	0	0	0	0	45	0	0	0	45
Clams, littleneck....	0	0	0	0	18	10	27	0	0	0	0	0	55
Scallop, Weathervane.	0	0	0	0	12926	216060	1630	6615	0	244	0	33343	270818
TOTAL	164512	162058	51252	265669	225300	341341	498559	369837	293606	69576	15872	296835	2754417

TABLE 18. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH AT COOS BAY, 1981.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Cod, Pacific.....	0	0	0	0	0	31	16	0	0	0	0	0	47
Flounder, arrowtooth.	278	0	56	338	0	795	8	0	0	0	0	0	1475
Flounder, starry.....	7025	9155	506	335	10338	34190	14037	17808	7396	42	71	0	100903
Halibut, Pacific.....	0	0	0	0	0	1425	217	160	538	0	0	0	2340
Lincoln.....	13812	8344	36859	24372	24702	41267	52449	72055	50123	35358	16478	3113	378932
Rockfish (misc. spp.)	215366	261078	201015	227785	344456	325767	470960	461060	299496	165711	144647	37433	3154774
Rockfish, Widow.....	1031926	924469	1160467	557487	253931	141885	286773	576550	356600	191709	41660	103697	6003154
Pac. Oc. perch.....	8180	26890	5348	11673	140516	18840	18561	14957	13710	3538	5208	8545	275966
Sablefish.....	147381	326144	61371	168259	278492	201087	127632	129759	100357	129090	87659	32293	1789524
Salmon, chinook.....	0	0	0	0	24669	696	55643	132601	15927	15291	560	0	245387
Salmon, coho.....	0	0	0	0	0	0	254056	372138	0	0	0	0	626194
Salmon, Pink.....	0	0	0	0	0	0	18734	81328	0	0	0	0	100062
Sanddab, Pacific.....	753	286	1349	2775	54	1007	2752	4885	36	11	0	0	13908
Shark, soupfin.....	107	129	0	11	0	0	0	62	0	0	0	0	309
Skates and Rays.....	0	0	949	1845	0	22	0	0	0	0	0	0	2816
Smelt.....	0	248	0	0	0	0	0	0	0	0	0	0	248
Sole, butter.....	0	0	0	22	880	4980	1333	0	0	0	47	0	7262
Sole, curlfin(turbot)	0	0	0	13	910	322	2565	408	187	0	0	0	4405
Sole, Dover.....	74524	251918	406714	322423	461037	442654	495716	586477	452368	315678	252431	171207	4233147
Sole, English.....	4134	4166	11051	7593	10057	15371	22035	29891	25888	11288	4094	1131	146699
Sole, Petrale.....	58464	53411	49095	24277	20275	24911	42170	57543	36150	20302	14641	21394	422633
Sole, rex.....	20510	18690	11182	10494	18362	20544	12152	17884	5774	3672	8088	4902	152254
Sole, rock.....	0	0	31	0	0	0	4191	781	89	0	600	0	5692
Sole, sand.....	361	412	276	246	11342	19922	55710	32331	20822	222	94	0	141738
Sturgeon, green.....	0	0	0	0	507	340	661	180	26	0	0	0	1714
Surfperch.....	9	0	0	0	0	0	0	0	0	0	0	0	9
Tuna, albacore.....	0	0	0	0	0	0	841709	607714	292869	44053	0	0	1786345
CRUSTACEANS:													
Crab, Dungeness, Bay.	175	0	0	0	0	0	49	55	181	1060	1275	149	2944
Crab, Dungeness, Oc.	289996	149783	75314	64217	24933	11774	6600	12679	8097	0	0	653584	1296977
Shrimp, ghost (sand).	7	69	119	53	29	38	96	63	45	16	21	11	567
Shrimp, Pink.....	0	0	0	3562134	1518561	744925	184367	1037386	571754	511832	0	0	8130959
MOLLUSKS:													
Clams, butter.....	0	0	0	0	0	0	0	45	403	639	786	376	2249
Clams, cockle.....	0	0	0	0	0	0	397	0	37	15	10	0	459
Clams, gaper.....	0	0	0	0	0	0	22	2153	11639	20648	20783	6897	62142
Clams, littleneck....	0	52	727	698	1284	389	559	309	469	132	34	33	4686
Mussels.....	0	0	0	20	0	0	0	0	0	0	0	0	20
Octopus.....	173	727	203	12	56	125	116	110	0	0	0	0	1522
Scallop, Weathervane.	0	0	0	293678	1839755	3809626	992599	1112193	628660	469262	114814	116388	9376975
TOTAL	1873181	2035971	2022632	5280760	4985146	5862933	3964885	5361565	2899641	1939569	1090001	1161153	38477437

TABLE 19. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH AT BANDON, 1981.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Flounder, starry.....	0	0	0	0	0	0	0	1320	0	0	0	0	1320
Halibut, Pacific.....	0	0	0	0	0	0	0	12	0	0	0	0	12
Lingcod.....	0	0	0	0	0	0	28	106	0	0	0	0	134
Rockfish (misc. spp.)	0	0	0	0	1701	231	403	1002	0	0	0	0	3337
Sablefish.....	0	0	317	935	4005	3636	0	0	0	0	0	0	8893
Salmon, chinook.....	0	0	0	0	10	0	2495	30205	0	0	0	0	32710
Salmon, coho.....	0	0	0	0	0	0	16564	30999	0	0	0	0	47563
Salmon, pink.....	0	0	0	0	0	0	2106	4539	0	0	0	0	6645
Sole, English.....	0	0	0	0	0	0	0	465	0	0	0	0	465
Sole, Petrale.....	0	0	0	0	0	0	0	93	0	0	0	0	93
Sole, sand.....	0	0	0	0	0	0	0	1578	0	0	0	0	1578
Tuna, albacore.....	0	0	0	0	0	0	1685	0	0	0	0	0	1685
CRUSTACEANS:													
Shrimp, pink.....	0	0	0	0	475	0	0	0	0	0	0	0	475
TOTAL			317	935	6191	3867	23281	70319					104910

TABLE 20. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH AT PORT ORFORD, 1981.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Lingcod.....	914	4790	822	71	1194	2139	330	2254	3835	3303	3190	0	22842
Rockfish (misc. spp.)	1112	3327	1124	694	12173	12928	2677	12353	23239	9225	18790	0	97642
Sablefish.....	0	1294	1449	0	0	810	0	0	0	0	0	0	3553
Salmon, chinook.....	0	0	0	0	7417	0	25514	66684	11548	8471	5515	0	125149
Salmon, coho.....	0	0	0	0	0	0	66085	97961	0	0	0	0	164046
Salmon, pink.....	0	0	0	0	0	0	5057	19651	0	0	0	0	24708
Shark, spiny dogfish.	0	0	71	0	0	0	0	0	0	0	0	0	71
Skates and Rays.....	0	79	0	0	0	0	0	0	0	0	0	0	79
Sturgeon, green.....	0	0	20	0	0	0	0	0	0	0	0	0	20
Tuna, albacore.....	0	0	0	0	0	0	15337	50484	0	0	0	0	65821
CRUSTACEANS:													
Crab, Dungeness, Oc..	165192	51358	45615	55790	30821	9072	1335	305	16394	0	0	289272	665154
Shrimp, pink.....	0	0	0	0	3768	0	0	0	0	0	0	0	3768
MOLLUSKS:													
Octopus.....	0	0	443	1219	311	40	0	0	0	0	0	65	2078
Scallop, Weathervane.	0	0	0	0	0	683	2769	0	0	0	0	0	3452
TOTAL	167218	60848	49544	57774	55684	25672	119104	249692	55016	20999	27495	289337	1178383

TABLE 21. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH AT GOLD BEACH, 1981.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Lingcod.....	0	0	0	0	71	21	80	1327	773	0	0	0	2272
Rockfish (misc. spp.)	0	0	0	0	12	1422	358	3546	1702	0	0	0	7040
Salmon, chinook.....	0	0	0	0	614	0	1969	51389	676	86	0	0	54734
Salmon, coho.....	0	0	0	0	0	0	754	31874	0	0	0	0	32628
Salmon, pink.....	0	0	0	0	0	0	99	6074	0	0	0	0	6173
Sole, Dover.....	0	0	0	0	0	0	0	75	0	0	0	0	75
Sole, English.....	0	0	0	0	0	0	0	248	0	0	0	0	248
Sole, petrale.....	0	0	0	0	0	0	175	179	0	0	0	0	354
Sole, rex.....	0	0	0	0	0	0	0	35	0	0	0	0	35
Tuna, albacore.....	0	0	0	0	0	0	7774	1315	0	0	0	0	9089
CRUSTACEANS:													
Crab, Dungeness, Oc..	0	0	0	0	0	0	61	77	0	0	0	0	88
Shrimp, pink.....	0	0	0	0	1780	0	0	0	0	0	0	0	1780
MOLLUSKS:													
Scallop, Weathervane.	0	0	0	0	0	817	0	0	0	0	0	0	817
TOTAL					2477	2260	11270	96089	3151	86			115333

TABLE 22. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH AT BROOKINGS, 1981.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Flounder, arrowtooth.	0	2515	5496	5490	4694	4205	1224	2565	175	65	0	0	26429
Flounder, starry.....	272	239	164	137	535	332	457	3044	738	715	420	0	7053
Lingcod.....	1661	6386	4983	3404	8097	35595	23313	44873	50131	20591	7357	4308	210699
Rockfish (misc. spp.)	59737	135780	118346	211916	75750	190594	34288	165109	294740	206889	239071	74169	1806389
Rockfish, Widow.....	0	0	0	0	157470	0	0	0	0	0	0	0	157470
Pac. Oc. perch.....	0	223	297	0	1125	728	0	541	1593	3996	4187	24	12714
Sablefish.....	610	7967	17234	11044	54300	32829	13479	48250	16259	7004	11668	1671	222315
Salmon, chinook.....	0	0	0	0	40296	264	42540	345328	132329	116610	17019	0	694386
Salmon, coho.....	0	0	0	0	0	0	21669	162616	0	0	0	0	184285
Salmon, pink.....	0	0	0	0	5	0	10903	36872	0	0	0	0	47780
Sanddab, Pacific.....	2574	7836	1933	568	1288	714	162	1159	206	573	512	0	17525
Shark, soupfin.....	50	32	0	0	24	40	0	0	0	60	233	35	474
Skates and Rays.....	0	1337	0	0	0	0	0	0	0	0	0	0	1337
Sole, butter.....	3452	3489	2626	25	95	0	0	2	0	475	0	0	10164
Sole, curlfin(turbot)	0	0	0	0	550	0	0	0	0	0	0	0	550
Sole, Dover.....	142	4422	19003	56929	221075	157938	165254	302456	203065	41215	58850	5366	1235715
Sole, English.....	4278	23038	23528	6173	9773	13825	24367	37999	29890	10371	6468	780	190490
Sole, petrale.....	1090	15494	10809	4453	4147	14036	16715	36183	19056	2286	2114	277	126660
Sole, rex.....	320	15346	11696	8681	28231	19952	6666	16100	7215	2486	3388	180	120261
Sole, sand.....	16560	6739	3704	234	1747	160	648	495	1759	6874	8664	115	47699
Tuna, albacore.....	0	0	0	0	0	0	24993	36358	1820	2345	262	0	65778
CRUSTACEANS:													
Crab, Dungeness, Oc..	210723	104596	46036	29196	9064	4543	330	909	725	0	0	991909	1398031
Shrimp, pink.....	0	0	0	379900	377976	92115	44480	90115	48647	32184	0	0	1065417
MOLLUSKS:													
Octopus.....	1082	1708	1014	868	310	228	169	536	108	263	448	1751	8485
Scallop, Weathervane.	0	0	0	0	0	4270	0	40711	6039	0	0	0	51020
TOTAL	302551	337147	266869	719018	996552	572368	431657	1372221	814495	455002	360661	1080585	7709126

TABLE 23. COMMERCIAL FISH AND SHELLFISH LANDINGS (POUNDS ROUND) BY GEAR IN OREGON, 1981.

SPECIES	POTS OR				DIP NET		LONGLINE	BAITNET	SHRIMP		GRNDFISH	TOTAL
	MISC	GILLNET	TROLL	SEINE	OR JIG	OR SEILINE	OR SEINE	BAITBOAT	TRAWL	TRAWL		
FISH:												
Cabezon.....	198	0	0	0	53	0	0	0	0	48	299	
Cod, Pacific.....	16	0	0	0	0	554	0	0	18318	98059	116947	
Flounder, arrowtooth.	14	0	39	0	0	1247	0	0	13848	1296120	1311268	
Flounder, starry.....	0	7370	0	0	0	0	0	0	1296	880775	889441	
Halibut, Pac. (Whitins).	0	0	0	0	0	0	0	0	3867	356384	360251	
Halibut, Pacific.....	0	0	5892	0	43	144461	0	0	0	0	150396	
Herrins, Pacific.....	0	0	0	0	79	0	148331	0	0	0	148410	
Lamprey, Pacific.....	300	0	0	0	4366	0	0	0	0	0	4666	
Lingscod.....	7660	0	45910	100221	35512	21316	0	0	104175	1992567	2307361	
Mackerel.....	0	0	26	0	0	0	0	0	0	0	26	
Rockfish (misc. spp.)	9321	0	205028	49294	179839	205818	0	0	1774700	15897418	18321418	
Rockfish, Widow.....	0	0	0	0	0	0	0	0	0	31768970	31768970	
Pac. Oc. perch.....	9	0	0	0	0	569	0	0	81357	4269062	4350997	
Sablefish.....	611060	0	2140	57230	0	1542510	0	0	78723	2874666	5186329	
Salmon, chinook.....	0	265596	1808908	357318	7360	0	0	0	0	493	2439675	
Salmon, chum.....	0	11113	5	0	0	0	0	0	0	0	11118	
Salmon, coho.....	0	330269	3822974	2272	927	0	0	0	0	0	4156442	
Salmon, pink.....	0	20	372585	0	0	0	0	0	0	0	372605	
Sanddab, Pacific.....	0	0	0	0	1	0	0	0	449	293139	293589	
Shad, American.....	0	93902	0	23420	0	0	0	0	0	155	117477	
Shark, soupfin.....	34	0	47	0	0	0	0	0	24	3480	3585	
Shark, spiny dogfish.	0	61	0	0	91	113	0	0	0	10343	10608	
Shark, other.....	0	0	32	0	0	0	0	0	0	1261	1293	
Skates and Rays.....	32	0	0	0	5	79	0	0	0	85745	85861	
Smelt.....	0	258	0	0	19255	0	0	0	0	4500	24013	
Sole, butter.....	0	0	0	0	0	0	0	0	1997	20466	22463	
Sole, curlfin(turbot)	0	0	0	0	0	0	0	0	0	5105	5105	
Sole, Dover.....	1178	0	6	0	0	2	0	0	145815	11525994	11672995	
Sole, English.....	30	0	0	0	0	0	0	0	2986	1597079	1600095	
Sole, flathead.....	0	0	0	0	0	0	0	0	605	10506	11111	
Sole, petrale.....	1349	0	366	211	0	75	0	0	6454	1940210	1948665	
Sole, rex.....	3	0	0	0	0	0	0	0	10087	1336319	1346409	
Sole, rock.....	3	0	0	0	0	0	0	0	226	19642	19871	
Sole, sand.....	0	0	0	0	3	0	0	0	210	73:245	735458	
Steelhead.....	0	128	0	56603	4329	0	0	0	0	0	61060	
Sturgeon, green.....	0	1354	0	0	0	65	0	0	38	8533	9990	
Sturgeon, white.....	0	139142	0	7790	0	130818	0	0	0	2373	280123	
Surfperch.....	0	0	0	0	152	0	0	0	0	15	167	
Tuna, albacore.....	0	0	7726890	0	0	0	0	0	0	0	7726890	
Wolf-eel.....	805	0	0	0	42	0	0	0	0	588	1435	
Miscellaneous.....	0	0	0	0	0	0	0	0	2180	333190	335370	
CRUSTACEANS:												
Crab, Dungeness, Bay.	21425	0	0	0	0	0	0	0	0	0	21425	
Crab, Dungeness, Oc..	6962600	0	0	0	0	0	0	0	0	0	6962600	
Crab, rock.....	7	0	0	0	0	0	0	0	0	0	7	
Crayfish.....	83904	0	0	0	0	0	0	0	0	0	83904	
Shrimp, brine.....	3935	0	0	0	0	0	0	0	0	0	3935	
Shrimp, ghost (sand).	55499	0	0	0	0	0	0	0	0	0	55499	
Shrimp, pink.....	0	0	0	0	0	0	0	0	25923589	0	25923589	
MOLLUSKS:												
Clams, butter.....	2409	0	0	0	0	0	0	0	0	0	2409	
Clams, cockle.....	4580	0	0	0	0	0	0	0	0	0	4580	
Clams, sapper.....	62142	0	0	0	0	0	0	0	0	0	62142	
Clams, littleneck....	4892	0	0	0	0	0	0	0	0	0	4892	
Clams, razor.....	22516	0	0	0	0	0	0	0	0	0	22516	
Clams, softshell.....	684	0	0	0	0	0	0	0	0	0	684	
Mussels.....	17866	0	0	0	0	0	0	0	0	0	17866	
Octopus.....	813	0	0	0	0	67	0	0	97	5786	14082	
Scallop, Weathervane.	16853845	0	0	0	0	0	0	0	0	0	16853845	
Squid.....	0	0	0	0	0	0	0	0	0	225	225	
TOTAL	24736448	849213	13990848	654359	252057	2047694	148331		28171041	77374461	148224452	

TABLE 24. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR IN OREGON, 1981.

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
POIS. OR. MISC.													
FISH:													
Cabezon.....	4	0	65	71	10	12	12	0	24	0	0	0	198
Cod, Pacific.....	0	0	0	0	0	0	14	0	0	0	0	0	16
Flounder, arrowtooth.....	0	0	0	14	0	0	0	0	0	0	0	0	14
Lamprey, Pacific.....	0	0	0	0	0	0	100	200	0	0	0	0	300
Linscod.....	2871	494	1232	548	269	741	1258	84	0	39	0	124	7660
Rockfish (misc. spp.)	69	69	513	118	738	3421	4271	89	8	0	0	25	9321
Pac. Oc. perch.....	0	0	0	0	0	0	9	0	0	0	0	0	9
Sablefish.....	127153	323158	39913	53875	7242	22156	25949	0	0	0	0	11614	611060
Shark, soupfin.....	0	34	0	0	0	0	0	0	0	0	0	0	34
Skates and Rays.....	0	0	0	0	0	22	10	0	0	0	0	0	32
Sole, Dover.....	0	2	0	85	144	133	729	85	0	0	0	0	1178
Sole, English.....	0	0	0	0	0	0	30	0	0	0	0	0	30
Sole, Petrale.....	0	0	0	0	280	217	833	19	0	0	0	0	1349
Sole, rex.....	0	0	0	0	0	0	3	0	0	0	0	0	3
Sole, rock.....	0	0	0	0	0	0	3	0	0	0	0	0	3
Wolf-eel.....	0	35	49	315	154	105	42	35	70	0	0	0	805
CRUSTACEANS:													
Crab, Dungeness, Bay.....	1194	714	82	6	225	446	1401	1203	1453	8077	6099	525	21425
Crab, Dungeness, Oc..	1612611	689190	433239	445855	210954	97604	84397	118980	85751	0	0	3184019	6962600
Crab, rock.....	0	4	0	3	0	0	0	0	0	0	0	0	7
Crayfish.....	0	0	0	1849	4585	16380	18378	21132	17325	4255	0	0	83904
Shrimp, brine.....	0	0	0	0	0	0	1270	1625	1040	0	0	0	3935
Shrimp, ghost (sand).	2286	3034	4405	6935	7823	4608	6325	5954	5016	4688	2623	1802	55499
MOLLUSKS:													
Clams, butter.....	0	0	25	10	0	0	80	45	448	639	786	376	2409
Clams, cockle.....	0	0	297	770	762	2052	602	35	37	15	10	0	4580
Clams, sapper.....	0	0	0	0	0	0	22	2153	11639	20648	20783	6897	62142
Clams, littleneck.....	0	52	812	713	1302	450	586	309	469	132	34	33	4892
Clams, razor.....	914	488	786	682	788	280	791	11	900	8136	6351	2389	22516
Clams, softshell.....	0	0	0	198	98	0	328	0	60	0	0	0	684
Mussels.....	479	1223	1819	1980	3570	1529	1837	982	1130	1417	1154	746	17866
Octopus.....	729	1590	921	2029	483	328	135	30	61	0	0	1826	8132
Scallop, Weathervane.	0	0	0	293678	2345561	6083347	3592007	2529007	789647	857599	213268	149731	16853845
TOTAL	1748310	1020087	484158	809734	2584988	6233831	3741424	2681978	915078	905645	251108	3360107	24736448
GILL NET													
FISH:													
Flounder, starry.....	0	4326	2918	0	0	0	0	0	32	89	5	0	7370
Salmon, chinook.....	0	53561	39312	0	0	0	0	24999	114155	29023	4546	0	265596
Salmon, chum.....	0	0	0	0	0	0	0	0	22	5399	5692	0	11113
Salmon, coho.....	0	0	0	0	0	0	0	2369	116995	160520	50385	0	330269
Salmon, pink.....	0	0	0	0	0	0	0	0	4	16	0	0	20
Shad, American.....	0	0	0	0	12655	76279	4963	0	0	5	0	0	93902
Shark, spiny dogfish.	0	0	0	0	0	0	0	0	0	61	0	0	61
Smelt.....	0	233	0	0	0	0	0	0	0	0	0	25	258
Steelhead.....	0	0	0	0	0	0	0	0	0	128	0	0	128
Sturgeon, green.....	0	0	0	0	0	0	0	0	929	425	0	0	1354
Sturgeon, white.....	0	44015	19715	368	0	0	0	351	27670	39946	7077	0	139142
TOTAL	0	102135	61945	368	12655	76279	4963	27719	259807	235612	67705	25	849213
TROLL													
FISH:													
Flounder, arrowtooth.	0	0	0	0	0	0	29	10	0	0	0	0	39
Halibut, Pacific.....	0	0	0	0	0	519	3617	1551	205	0	0	0	5892
Linscod.....	0	0	0	0	10114	1745	9235	15717	4956	3566	577	0	45910
Mackerel.....	0	0	0	0	0	0	0	26	0	0	0	0	26
Rockfish (misc. spp.)	0	0	0	0	71578	8918	35099	64234	7218	9535	8446	0	205028
Sablefish.....	0	0	0	0	250	21	1312	455	66	36	0	0	2140
Salmon, chinook.....	0	0	0	0	293150	8128	364592	803396	167490	149058	23094	0	1808908
Salmon, chum.....	0	0	0	0	0	0	5	0	0	0	0	0	5
Salmon, coho.....	0	0	0	0	0	0	1748080	2074894	0	0	0	0	3822974

TABLE 24. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR IN OREGON, 1981. (CONTINUED)

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
Salmon, pink.....	0	0	0	0	125	27	78090	294343	0	0	0	0	372585
Shark, soupfin.....	0	0	0	0	0	0	19	0	0	28	0	0	47
Shark, other.....	0	0	0	0	0	0	0	0	0	3	0	0	32
Sole, Dover.....	0	0	0	0	0	0	6	0	0	0	0	0	6
Sole, petrale.....	0	0	0	0	50	3	274	27	12	0	0	0	366
Tuna, albacore.....	0	0	0	0	0	0	1867705	4250841	1103379	381610	123355	0	7726890
TOTAL	0	0	0	0	375267	19361	4108063	7505494	1283326	543865	155472	0	13990848
SEI_NEI-----													
FISH:													
Linscod.....	0	0	0	0	0	60839	39382	0	0	0	0	0	100221
Rockfish (misc. spp.)	0	0	0	0	0	37662	11632	0	0	0	0	0	49294
Sablefish.....	0	0	0	0	0	3059	54171	0	0	0	0	0	57230
Salmon, chinook.....	0	124	8635	1487	0	0	0	0	347002	70	0	0	357318
Salmon, coho.....	0	157	0	0	0	0	0	0	2055	60	0	0	2272
Shad, American.....	0	0	0	0	5180	18240	0	0	0	0	0	0	23420
Sole, petrale.....	0	0	0	0	0	136	75	0	0	0	0	0	211
Steelhead.....	0	6362	18954	886	0	0	0	0	30392	9	0	0	56603
Sturgeon, white.....	0	1894	2028	331	0	0	0	0	3537	0	0	0	7790
TOTAL	0	8537	29617	2704	5180	119936	105260	0	382986	139	0	0	654359
DIP_NEI_OR_JIG-----													
FISH:													
Cabezon.....	0	0	0	0	0	0	53	0	0	0	0	0	53
Halibut, Pacific.....	0	0	0	0	0	0	43	0	0	0	0	0	43
Herrings, Pacific.....	0	0	79	0	0	0	0	0	0	0	0	0	79
Lamprey, Pacific.....	0	0	0	0	0	0	4366	0	0	0	0	0	4366
Linscod.....	1039	5397	1018	796	6183	7347	1001	2850	4256	2006	3539	80	35512
Rockfish (misc. spp.)	2301	3288	1384	7899	44508	49315	6058	12832	29565	7228	15000	461	179839
Salmon, chinook.....	0	0	0	0	0	0	0	0	7360	0	0	0	7360
Salmon, coho.....	0	0	0	0	0	0	0	0	927	0	0	0	927
Sanddab, Pacific.....	0	0	0	0	0	0	0	1	0	0	0	0	1
Shark, spiny dogfish.	0	0	0	0	0	21	0	0	70	0	0	0	91
Skates and Rays.....	0	0	0	0	0	0	5	0	0	0	0	0	5
Smelt.....	2890	40	16325	0	0	0	0	0	0	0	0	0	19255
Sole, sand.....	0	0	0	0	0	3	0	0	0	0	0	0	3
Steelhead.....	0	75	10	0	0	0	0	0	4244	0	0	0	4329
Surfperch.....	9	0	0	16	12	15	0	0	0	0	0	100	152
Wolf-eel.....	0	0	0	0	14	21	7	0	0	0	0	0	42
TOTAL	6239	8800	18816	8711	50717	56722	11533	15683	46422	9234	18539	641	252057
LONGLINE_OR_SEILINE--													
FISH:													
Cod, Pacific.....	0	0	0	0	24	340	143	18	25	0	0	0	554
Flounder, arrowtooth.	0	0	10	0	0	184	870	96	36	51	0	0	1247
Halibut, Pacific.....	0	0	0	0	0	115774	18785	7737	2165	0	0	0	144461
Linscod.....	0	50	244	10	908	6020	4786	3255	1006	4909	128	0	21316
Rockfish (misc. spp.)	0	1619	409	10353	23755	57630	43206	14468	23098	30261	1019	0	205818
Pac. Oc. Perch.....	0	53	0	0	0	0	510	0	0	6	0	0	569
Sablefish.....	0	4247	17780	157473	294718	287740	178578	132966	151941	270028	47039	0	1542510
Shark, spiny dogfish.	0	0	71	0	0	14	0	0	0	28	0	0	113
Skates and Rays.....	0	79	0	0	0	0	0	0	0	0	0	0	79
Sole, Dover.....	0	0	0	0	0	0	0	0	2	0	0	0	2
Sole, petrale.....	0	0	0	0	0	61	0	0	4	10	0	0	75
Sturgeon, green.....	0	0	20	0	0	0	0	33	12	0	0	0	65
Sturgeon, white.....	1863	12198	11569	12702	10755	490	0	48448	9961	10712	7506	4614	130818
MOLLUSKS:													
Octopus.....	0	0	67	0	0	0	0	0	0	0	0	0	67
TOTAL	1863	18246	30170	180538	330164	468253	246878	207021	188250	316005	55692	4614	2047694
B&II_NEI_OR_SEINE----													
FISH:													
Herrings, Pacific.....	0	0	90928	0	300	428	10668	31669	12491	1847	0	0	148331
TOTAL	0	0	90928	0	300	428	10668	31669	12491	1847	0	0	148331

TABLE 24. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR IN OREGON, 1981. (CONTINUED)

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
SUBMERSE TRAWL													
FISH:													
Cod, Pacific.....	0	0	0	117	1795	1745	3256	6065	1890	3450	0	0	18318
Flounder, arrowtooth.	0	0	0	335	1136	1062	2979	2968	3181	2187	0	0	13848
Flounder, starry.....	0	0	0	276	0	0	0	0	0	1020	0	0	1296
Hake, Pac. (Whiting).	0	0	0	0	0	0	0	0	0	3867	0	0	3867
Linscod.....	0	0	0	20213	21673	6546	19872	12402	7790	15679	0	0	104175
Rockfish (misc. spp.)	0	0	1398	310575	453990	226309	303712	255670	119218	103828	0	0	1774700
Pac. Oc. perch.....	0	0	0	6883	23542	16807	13069	16503	2820	1733	0	0	81357
Sablefish.....	0	0	0	2938	3410	9586	11976	19593	22736	8484	0	0	78723
Sanddab, Pacific.....	0	0	0	156	266	12	0	0	0	15	0	0	449
Shark, soupfin.....	0	0	0	0	24	0	0	0	0	0	0	0	24
Sole, butter.....	0	0	0	103	88	75	168	340	363	860	0	0	1997
Sole, Dover.....	0	0	0	14899	29575	15708	17643	27208	23271	17511	0	0	145815
Sole, English.....	0	0	0	690	1038	85	7	13	102	1051	0	0	2986
Sole, flathead.....	0	0	0	0	104	17	232	206	29	17	0	0	605
Sole, petrale.....	0	0	0	2428	1392	697	131	127	529	1150	0	0	6454
Sole, rex.....	0	0	0	912	1174	934	1498	2908	1116	1545	0	0	10087
Sole, rock.....	0	0	0	0	6	0	0	0	0	220	0	0	226
Sole, sand.....	0	0	0	0	0	0	0	0	0	210	0	0	210
Sturgeon, green.....	0	0	0	0	0	0	0	38	0	0	0	0	38
Miscellaneous.....	0	0	0	2	82	426	25	540	1105	0	0	0	2180
CRUSTACEANS:													
Shrimp, pink.....	0	0	0	7106470	6198969	3131652	2566409	3090931	2087661	1741497	0	0	25923589
MOLLUSKS:													
Octopus.....	0	0	0	0	20	0	0	77	0	0	0	0	97
TOTAL	0	0	1398	7466997	6738284	3411661	2940977	3435589	2271811	1904324	0	0	28171041
GROUNDSEIN TRAWL													
FISH:													
Cabezon.....	0	0	0	0	0	0	0	0	0	0	0	48	48
Cod, Pacific.....	13431	4780	944	4587	8563	13362	13202	14801	9755	9698	4896	40	98059
Flounder, arrowtooth.	7590	19237	41041	22762	255012	189265	359572	180906	110805	88585	8738	12607	1296120
Flounder, starry.....	127792	14542	81822	47272	145623	168433	119304	105974	26152	38620	4921	320	880775
Hake, Pac. (Whiting).	0	0	0	0	78114	58388	171885	40446	7551	0	0	0	356384
Linscod.....	78045	84702	165378	63583	204678	253981	330801	237997	198238	236817	117719	20628	1992567
Rockfish (misc. spp.)	594754	935979	1182141	1268607	1439658	1964561	2107294	2251034	1293543	1837860	725820	296167	15897418
Rockfish, Widow.....	4698858	3757795	5922401	2923132	1926926	1057178	1747724	2393185	2045605	1867575	2577388	851203	31768970
Pac. Oc. perch.....	267174	273432	489597	400667	563807	373519	481328	433864	254859	397568	204604	128643	4269062
Sablefish.....	83342	103817	166738	147772	457471	396233	382423	410972	248086	286792	94446	96574	2874666
Salmon, chinook.....	0	0	0	0	493	0	0	0	0	0	0	0	493
Sanddab, Pacific.....	13106	26548	16597	17147	44569	21366	56356	23351	17895	43825	8775	3604	293139
Shad, American.....	0	0	0	0	0	0	0	0	0	0	155	0	155
Shark, soupfin.....	400	587	182	11	78	427	161	654	433	138	233	176	3480
Shark, spiny dogfish.	0	3174	2538	2009	1802	7	14	7	161	589	0	42	10343
Shark, other.....	0	500	183	330	92	8	8	140	0	0	0	0	1261
Skates and Rays.....	0	10797	5989	19024	11772	19948	4856	209	10	1590	11260	290	85745
Smelt.....	4500	0	0	0	0	0	0	0	0	0	0	0	4500
Sole, butter.....	4049	3944	3064	112	1189	5325	1333	2	176	1088	184	0	20466
Sole, curlfin(turbot)	0	150	13	13	1460	322	2565	408	187	0	0	0	5105
Sole, Dover.....	447420	494213	941787	915632	1215967	1058230	1275924	1638043	1345109	1168984	677438	347247	11525994
Sole, English.....	138596	144746	98300	81592	153765	126250	213274	228885	190419	136209	66221	18822	1597079
Sole, flathead.....	81	0	0	80	4381	4016	1948	0	0	0	0	0	10506
Sole, petrale.....	175010	255455	202359	85105	175208	219823	151720	195609	165407	152505	113673	48196	1940210
Sole, rex.....	91859	178424	101700	59366	153594	92904	141762	199527	123803	127533	50497	15350	1336319
Sole, rock.....	0	588	31	70	785	2720	5642	5078	1390	2735	603	0	19642
Sole, sand.....	25453	19226	25453	36093	54631	81801	230326	128463	72415	46108	13756	1520	735245
Sturgeon, green.....	40	242	136	596	2223	1973	2552	294	26	304	147	0	8533
Sturgeon, white.....	0	0	60	349	800	146	608	210	0	0	0	200	2373
Surfperch.....	0	0	0	0	0	0	0	0	0	15	0	0	15
Wolf-eel.....	0	21	0	7	0	0	14	32	514	0	0	0	588
Miscellaneous.....	19446	7234	16868	15559	54606	23125	76112	52474	22924	39414	5046	382	333190

TABLE 24. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR IN OREGON, 1981. (CONTINUED)

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
MOLLUSKS:													
Octopus.....	976	1206	727	70	489	284	300	619	153	464	448	50	5786
Squid.....	0	0	0	0	0	0	0	0	0	0	225	0	225
TOTAL	6791922	6341339	9466036	6111547	6957756	6133595	7879008	8543184	6135756	6485016	4687193	1842109	77374461
TOTAL	8548334	7499144	10183068	14580599	17055311	16520066	19048774	22448337	11495927	10401687	5235709	5207496	148224452

TABLE 25. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR FROM THE COLUMBIA RIVER, 1981. 1/

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
BELOW BONNEVILLE DAM													
GILL NET													
FISH:													
Flounder, starry.....	0	4326	2918	0	0	0	0	0	32	89	5	0	7370
Salmon, chinook.....	0	53561	39312	0	0	0	0	24999	114155	29023	4546	0	265596
Salmon, chum.....	0	0	0	0	0	0	0	0	22	5399	5692	0	11113
Salmon, coho.....	0	0	0	0	0	0	0	2369	116995	160520	50385	0	330269
Salmon, pink.....	0	0	0	0	0	0	0	0	4	16	0	0	20
Shad, American.....	0	0	0	0	12655	52544	1496	0	0	5	0	0	66700
Shark, spiny dogfish.	0	0	0	0	0	0	0	0	0	61	0	0	61
Smelt.....	0	0	0	0	0	0	0	0	0	0	0	25	25
Steelhead.....	0	0	0	0	0	0	0	0	0	128	0	0	128
Sturgeon, green.....	0	0	0	0	0	0	0	0	929	425	0	0	1354
Sturgeon, white.....	0	44015	19715	368	0	0	0	351	27670	39946	7077	0	139142
TOTAL	0	101902	61945	368	12655	52544	1496	27719	259807	235612	67705	25	821778
DIP NET OR JIG													
FISH:													
Smelt.....	2890	10	16325	0	0	0	0	0	0	0	0	0	19225
TOTAL	2890	10	16325	0	0	0	0	0	0	0	0	0	19225
LONGLINE OR SEILINE													
FISH:													
Sturgeon, green.....	0	0	0	0	0	0	0	33	12	0	0	0	45
Sturgeon, white.....	1279	3624	7347	10127	645	0	0	33553	8260	2898	3812	2608	74153
TOTAL	1279	3624	7347	10127	645	0	0	33586	8272	2898	3812	2608	74198
GROUNDSEIN TRAWL													
FISH:													
Smelt.....	4500	0	0	0	0	0	0	0	0	0	0	0	4500
TOTAL	4500	0	0	0	0	0	0	0	0	0	0	0	4500
TOTAL	8669	105536	85617	10495	13300	52544	1496	61305	268079	238510	71517	2633	919701
ABOVE BONNEVILLE DAM													
SEIN NET													
FISH:													
Salmon, chinook.....	0	124	8635	1487	0	0	0	0	347002	70	0	0	357318
Salmon, coho.....	0	157	0	0	0	0	0	0	2055	60	0	0	2272
Steelhead.....	0	6362	18954	886	0	0	0	0	30392	9	0	0	56603
Sturgeon, white.....	0	1894	2028	331	0	0	0	0	3537	0	0	0	7790
TOTAL	0	8537	29617	2704	0	0	0	0	382986	139	0	0	423983
DIP NET OR JIG													
FISH:													
Salmon, chinook.....	0	0	0	0	0	0	0	0	7360	0	0	0	7360
Salmon, coho.....	0	0	0	0	0	0	0	0	927	0	0	0	927
Steelhead.....	0	75	10	0	0	0	0	0	4244	0	0	0	4329
TOTAL	0	75	10	0	0	0	0	0	12531	0	0	0	12616
LONGLINE OR SEILINE													
FISH:													
Sturgeon, white.....	584	8574	4222	2575	10110	490	0	14895	1701	7814	3694	2006	56665
TOTAL	584	8574	4222	2575	10110	490	0	14895	1701	7814	3694	2006	56665
TOTAL	584	17186	33849	5279	10110	490	0	14895	397218	7953	3694	2006	493264
TOTAL	9253	122722	119466	15774	23410	53034	1496	76200	665297	246463	75211	4639	1412965

1/ OREGON LANDINGS ONLY.

TABLE 26. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR AT ASTORIA, 1981. 1/ 2/

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
EOIS_OR_MISC-----													
FISH:													
Linscod.....	404	380	820	0	163	40	949	49	0	0	0	51	2856
Rockfish (misc. spp.)	50	18	26	0	16	30	0	0	0	0	0	0	140
Sole, Dover.....	0	0	0	0	0	3	64	85	0	0	0	0	152
Sole, English.....	0	0	0	0	0	0	8	0	0	0	0	0	8
Sole, Petrale.....	0	0	0	0	0	0	59	19	0	0	0	0	78
Sole, rex.....	0	0	0	0	0	0	3	0	0	0	0	0	3
Sole, rock.....	0	0	0	0	0	0	3	0	0	0	0	0	3
CRUSTACEANS:													
Crab, Dungeness, Oc..	182481	76677	64045	87565	41406	18720	37008	59377	34344	0	0	309814	911437
Shrimp, short (sand).	0	5	25	40	130	75	85	40	22	13	0	0	435
MOLLUSKS:													
Clams, razor.....	914	488	786	682	788	280	791	11	900	8136	6351	2389	22516
Mussels.....	96	622	1098	463	1861	171	261	0	62	204	100	0	4938
Scallop, Weathervane.	0	0	0	0	492880	1631754	2374069	1238757	122171	116742	98454	0	6074827
TOTAL	183945	78190	66800	88750	537244	1651073	2413300	1298338	157499	125095	104905	312254	7017393
IROLL-----													
FISH:													
Flounder, arrowtooth.	0	0	0	0	0	0	0	2	0	0	0	0	2
Halibut, Pacific....	0	0	0	0	0	0	18	48	0	0	0	0	66
Linscod.....	0	0	0	0	424	0	359	54	18	0	0	0	855
Rockfish (misc. spp.)	0	0	0	0	1353	40	2055	1007	24	0	0	0	4479
Sablefish.....	0	0	0	0	0	0	7	0	0	0	0	0	7
Salmon, chinook.....	0	0	0	0	114869	3678	22586	6840	277	370	0	0	148620
Salmon, cohoe.....	0	0	0	0	0	0	229906	80033	0	0	0	0	309939
Salmon, pink.....	0	0	0	0	0	27	6479	7406	0	0	0	0	13912
Tuna, albacore.....	0	0	0	0	0	0	265467	2846202	656426	195444	59193	0	4022732
TOTAL	0	0	0	0	116646	3745	526877	2941592	656745	195814	59193	0	4500612
SEI_NEI-----													
FISH:													
Linscod.....	0	0	0	0	0	60839	39382	0	0	0	0	0	100221
Rockfish (misc. spp.)	0	0	0	0	0	37662	11632	0	0	0	0	0	49294
Sablefish.....	0	0	0	0	0	3059	54171	0	0	0	0	0	57230
Sole, Petrale.....	0	0	0	0	0	136	75	0	0	0	0	0	211
TOTAL	0	0	0	0	0	101696	105260	0	0	0	0	0	206956
LOGLINE_OR_SEILINE--													
FISH:													
Cod, Pacific.....	0	0	0	0	28	228	143	0	0	0	0	0	399
Flounder, arrowtooth.	0	0	0	0	0	4	870	96	0	28	0	0	998
Halibut, Pacific....	0	0	0	0	0	96381	7741	2407	877	0	0	0	107406
Linscod.....	0	0	0	0	598	2719	4203	2680	450	1402	0	0	12052
Rockfish (misc. spp.)	0	0	0	4986	9708	34044	16915	5931	2232	8068	320	0	82204
Sablefish.....	0	0	0	15959	95241	114436	134879	77624	15543	74354	512	0	528548
Sole, Petrale.....	0	0	0	0	0	8	0	0	0	0	0	0	8
TOTAL	0	0	0	20945	105575	247820	164751	88738	19102	83852	832	0	731615
SHRIMP_IBALL-----													
FISH:													
Cod, Pacific.....	0	0	0	117	1779	1693	3228	6065	1890	3432	0	0	18204
Flounder, arrowtooth.	0	0	0	36	707	1037	2979	2968	3181	1822	0	0	12730
Flounder, starry....	0	0	0	276	0	0	0	0	0	1020	0	0	1296
Hake, Pac. (Whitins).	0	0	0	0	0	0	0	0	0	3867	0	0	3867
Linscod.....	0	0	0	2268	10824	4784	18184	9998	5517	12465	0	0	64040
Rockfish (misc. spp.)	0	0	1398	62157	170734	116931	230398	173341	74775	63971	0	0	893705
Pac. Oc. perch.....	0	0	0	0	1410	2989	5893	6190	380	725	0	0	17587
Sablefish.....	0	0	0	155	345	3552	5853	12619	10646	4693	0	0	37863
Sanddab, Pacific.....	0	0	0	104	46	0	0	0	0	15	0	0	165
Sole, butter.....	0	0	0	103	88	75	168	340	363	860	0	0	1997
Sole, Dover.....	0	0	0	335	2968	4006	11257	20369	9733	8617	0	0	57285
Sole, English.....	0	0	0	162	690	80	7	13	58	1048	0	0	2058

TABLE 26. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR AT ASTORIA, 1981. 1/ 2/ (CONTINUED)

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
Sole, flathead.....	0	0	0	0	104	17	232	206	29	17	0	0	605
Sole, petrale.....	0	0	0	354	433	346	83	71	180	800	0	0	2267
Sole, rex.....	0	0	0	74	678	637	1352	2840	860	1433	0	0	7894
Sole, rock.....	0	0	0	0	0	0	0	0	0	220	0	0	220
Sole, sand.....	0	0	0	0	0	0	0	0	0	210	0	0	210
Miscellaneous.....	0	0	0	2	82	426	25	540	1105	0	0	0	2180
CRUSTACEANS:													
Shrimp, pink.....	0	0	0	805084	1791499	1166772	1525063	1225478	897941	648786	0	0	8060623
TOTAL	0	0	1398	871227	1982387	1303345	1804722	1461038	1006658	754021	0	0	9184796
GRONDEISH TRAWL-----													
FISH:													
Cod, Pacific.....	5633	4612	845	4490	6474	11836	12538	14559	9718	9540	4890	40	85175
Flounder, arrowtooth.	2118	5906	31752	15899	247629	178181	349009	170822	103880	79962	7461	12493	1205112
Flounder, starry.....	116725	2336	79753	46338	133367	132022	102973	79550	12153	34708	3102	25	743052
Hake, Pac. (Whiting).	0	0	0	0	78114	58388	171885	40446	7551	0	0	0	356384
Lindcod.....	31571	51233	83563	32164	151118	50069	66243	71221	56323	81034	50559	3549	728647
Rockfish (misc. spp.)	178565	188749	389822	603988	812815	860513	1472251	1171240	414753	1034388	152321	18753	7298158
Rockfish, widow.....	1345703	568666	1051692	823017	206844	75939	0	12000	64607	409403	538310	0	5096181
Pac. Oc. perch.....	173086	127742	180394	146066	175972	99342	209074	200916	108339	164947	40458	7755	1634091
Sablefish.....	30480	15568	88015	36126	101769	46800	102742	57587	33645	82858	10318	11053	616961
Sanddab, Pacific.....	8139	11945	12726	10520	39832	17429	49746	16346	16178	37443	2441	855	223660
Shad, American.....	0	0	0	0	0	0	0	0	0	0	155	0	155
Shark, soupfin.....	213	426	92	0	78	358	161	592	384	106	0	0	2410
Shark, spiny dogfish.	0	3174	2538	2002	1760	0	0	0	0	386	0	0	9860
Shark, other.....	0	0	0	330	0	0	0	140	0	0	0	0	470
Skates and Rays.....	0	9460	5040	17114	11747	19948	4796	209	0	50	110	0	68474
Sole, butter.....	0	0	0	0	0	71	0	0	0	0	0	0	71
Sole, Dover.....	205892	129476	444754	316614	313336	236162	348910	365212	296327	275731	85934	56074	3074422
Sole, English.....	51952	72009	37045	50711	110432	56075	130333	123137	92477	50668	24508	1290	800637
Sole, flathead.....	0	0	0	80	4381	4016	1948	0	0	0	0	0	10425
Sole, petrale.....	62175	115958	87562	35208	100555	34385	17611	35576	59207	61157	69243	4792	683429
Sole, rex.....	39726	123567	68707	38287	98082	48828	116026	143456	93057	101199	30531	1090	902556
Sole, rock.....	0	0	0	0	0	0	190	340	0	0	0	0	530
Sole, sand.....	1172	6322	19809	34350	37614	52845	166035	76051	31472	23528	703	350	450251
Sturgeon, green.....	0	0	72	346	1494	1064	1313	130	0	112	26	0	4557
Sturgeon, white.....	0	0	60	349	800	146	608	210	0	0	0	0	2173
Surfperch.....	0	0	0	0	0	0	0	0	0	15	0	0	15
Miscellaneous.....	19446	7234	16868	15559	54606	23125	76112	52474	22924	39414	5046	382	333190
TOTAL	2272596	1444383	2601109	2229558	2688819	2007542	3400504	2632214	1422995	2486649	1026116	118501	24330986
TOTAL	2456541	1522573	2669307	3210480	5430671	5315221	8415414	8421920	3262999	3645431	1191046	430755	45972358

1/ OCEAN LANDINGS ONLY; SEE TABLE 25 FOR COLUMBIA RIVER LANDINGS.
 2/ INCLUDES LANDINGS AT WARRENTON, HAMMOND, GEARHART, AND SEASIDE.

TABLE 27. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR AT NEHALEM BAY, 1981.

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
POIS. OR MISC.-----													
CRUSTACEANS:													
Shrimp, ghost (sand).	0	0	735	3996	0	0	0	0	0	0	0	0	4731
TOTAL	0	0	735	3996	0	0	0	0	0	0	0	0	4731
TOTAL			735	3996									4731

TABLE 28. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR AT TILLAMOOK BAY, 1981.

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
POIS_OR_MISC.													
FISH:													
Lingscod.....	0	86	34	143	0	18	0	0	0	0	0	73	355
Rockfish (misc. spp.)	0	0	75	118	433	474	380	28	8	0	0	0	1516
CRUSTACEANS:													
Crab, Dunseness, Bay.	0	0	0	0	86	166	976	1005	435	3395	1739	10	7812
Crab, Dunseness, Oc..	97763	31678	33964	39059	28732	11483	13313	20264	11413	0	0	48903	336572
Shrimp, ghost (sand).	1974	2707	2268	1990	5861	3813	4355	3116	2796	3827	2602	1691	37000
MOLLUSKS:													
Clams, butter.....	0	0	25	10	0	0	80	0	0	0	0	0	115
Clams, cockle.....	0	0	297	730	762	1999	205	0	0	0	0	0	3993
Clams, littleneck....	0	0	85	15	0	51	0	0	0	0	0	0	151
Mussels.....	383	601	721	1497	0	0	0	0	0	0	0	0	3202
Octopus.....	40	0	0	0	0	0	0	0	21	0	0	0	61
Scallop, Weathervane.	0	0	0	0	0	10735	55539	4583	10201	2158	0	0	83216
TOTAL	100160	35072	37469	43562	35874	28740	74848	28996	24874	9380	4341	50677	473993
ROLL													
FISH:													
Halibut, Pacific....	0	0	0	0	0	0	177	26	0	0	0	0	203
Lingscod.....	0	0	0	0	0	0	699	703	762	22	0	0	2186
Rockfish (misc. spp.)	0	0	0	0	329	0	4577	4590	788	182	0	0	10466
Sablefish.....	0	0	0	0	0	0	13	0	0	0	0	0	13
Salmon, chinook.....	0	0	0	0	4824	0	30618	17804	2254	540	0	0	56040
Salmon, coho.....	0	0	0	0	0	0	254491	101431	0	0	0	0	355922
Salmon, pink.....	0	0	0	12	0	0	4210	19915	0	0	0	0	24137
Shark, other.....	0	0	0	0	0	0	0	0	0	32	0	0	32
Tuna, albacore.....	0	0	0	0	0	0	28593	28629	0	0	0	0	57222
TOTAL	0	0	0	0	5165	0	323378	173098	3804	776	0	0	506221
DIP_NEI_OR_JIG													
FISH:													
Lingscod.....	0	0	0	9	28	121	115	27	207	350	0	0	857
Rockfish (misc. spp.)	0	0	0	135	255	250	161	315	742	105	0	0	1963
Sanddab, Pacific....	0	0	0	0	0	0	0	1	0	0	0	0	1
TOTAL	0	0	0	144	283	371	276	343	949	455	0	0	2821
SHRIMP_IRAWL													
FISH:													
Cod, Pacific.....	0	0	0	0	0	0	6	0	0	0	0	0	6
Flounder, arrowtooth.	0	0	0	239	419	3	0	0	0	0	0	0	661
Lingscod.....	0	0	0	780	1231	548	213	256	97	177	0	0	3302
Rockfish (misc. spp.)	0	0	0	7032	12985	3519	2018	721	478	1339	0	0	28092
Pac. Oc. perch.....	0	0	0	1115	2508	4182	1287	689	808	127	0	0	10716
Sablefish.....	0	0	0	23	311	1435	870	790	210	0	0	0	3639
Sole, Dover.....	0	0	0	601	1134	567	237	131	60	35	0	0	2765
Sole, petrale.....	0	0	0	64	244	226	29	0	0	0	0	0	563
Sole, rex.....	0	0	0	79	0	57	140	30	38	0	0	0	344
Sole, rock.....	0	0	0	0	6	0	0	0	0	0	0	0	6
CRUSTACEANS:													
Shrimp, pink.....	0	0	0	212916	519775	215781	162544	98954	67186	35280	0	0	1312436
TOTAL	0	0	0	222770	538692	226318	167344	101571	68877	36958	0	0	1362530
GROUNDSEISH_IRAWL													
FISH:													
Flounder, arrowtooth.	4178	9558	0	0	0	0	0	0	372	0	0	0	14108
Lingscod.....	0	181	0	0	0	0	0	0	6	0	0	38	225
Rockfish (misc. spp.)	80	0	0	0	0	0	0	0	0	0	0	14	94
Rockfish, Widow.....	0	0	0	0	10493	0	0	0	0	0	0	0	10493
Pac. Oc. perch.....	4394	4059	0	0	2114	0	0	0	296	0	0	0	10863
Sablefish.....	1161	1218	0	0	0	0	0	0	476	0	0	0	2855
Sanddab, Pacific....	0	0	0	0	0	0	0	0	0	0	0	50	50
Sole, Dover.....	3533	6856	0	0	0	0	0	0	1014	0	0	0	11403
Sole, English.....	12	0	0	0	0	0	0	0	0	0	0	205	217

TABLE 28. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR AT TILLAMOOK BAY, 1981. (CONTINUED)

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
Sole, flathead.....	81	0	0	0	0	0	0	0	0	0	0	0	81
Sole, petrale.....	182	409	0	0	0	0	0	0	17	0	0	116	724
Sole, rex.....	1287	577	0	0	0	0	0	0	19	0	0	107	1990
TOTAL	14908	22858	0	0	12607	0	0	0	2200	0	0	530	53103
TOTAL	115068	57930	37469	266476	592621	255429	565846	304008	100704	47569	4341	51207	2398668

TABLE 29. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR AT NETARTS BAY, 1981.

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
POIS_OR_MISC.....													
CRUSTACEANS:													
Crab, Dungeness, Bay.	1019	698	4	0	0	0	0	0	76	1269	2140	366	5572
Shrimp, ghost (sand).	0	0	23	27	35	44	102	115	69	30	0	0	445
TOTAL	1019	698	27	27	35	44	102	115	145	1299	2140	366	6017
TOTAL	1019	698	27	27	35	44	102	115	145	1299	2140	366	6017

TABLE 30. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR AT PACIFIC CITY, 1981.

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
POIS_OR_MISC.....													
FISH:													
Rockfish (misc. spp.)	0	0	17	0	0	0	0	0	0	0	0	0	17
CRUSTACEANS:													
Crab, Dungeness, Bay.	0	0	0	0	0	240	372	36	0	0	0	0	648
Crab, Dungeness, Oc..	469	562	486	1860	511	397	183	42	0	0	0	0	4510
Shrimp, ghost (sand).	0	0	0	5	0	0	0	15	175	0	0	100	295
TOTAL	469	562	503	1865	511	637	555	93	175	0	0	100	5470
IBOLL.....													
FISH:													
Halibut, Pacific.....	0	0	0	0	0	0	225	0	0	0	0	0	225
Linscod.....	0	0	0	0	6	664	1333	574	108	0	0	0	2635
Hackerel.....	0	0	0	0	0	0	0	26	0	0	0	0	26
Rockfish (misc. spp.)	0	0	0	0	251	3806	2811	13104	62	19	0	0	20053
Sablefish.....	0	0	0	0	0	0	130	21	0	0	0	0	151
Salmon, chinook.....	0	0	0	0	23	0	17439	13244	229	423	0	0	31358
Salmon, coho.....	0	0	0	0	0	0	228043	207197	0	0	0	0	435240
Salmon, pink.....	0	0	0	0	0	0	9121	30527	0	0	0	0	39648
Sole, petrale.....	0	0	0	0	0	0	0	4	0	0	0	0	4
Tuna, albacore.....	0	0	0	0	0	0	0	532	0	0	0	0	532
TOTAL	0	0	0	0	280	4470	259102	265179	399	442	0	0	529872
DIP_NEI_OR_JIG.....													
FISH:													
Linscod.....	0	138	196	242	4445	2266	665	1976	369	279	498	0	11074
Rockfish (misc. spp.)	0	0	47	1382	8271	12344	274	1302	94	100	13	0	23827
Sole, sand.....	0	0	0	0	0	3	0	0	0	0	0	0	3
TOTAL	0	138	243	1624	12716	14613	939	3278	463	379	511	0	34904
LONGLINE_OR_SEILINE..													
FISH:													
Halibut, Pacific.....	0	0	0	0	0	55	334	0	0	0	0	0	389
TOTAL	0	0	0	0	0	55	334	0	0	0	0	0	389
TOTAL	469	700	746	3489	13507	19775	260930	268550	1037	821	511	100	570635

TABLE 31. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR AT SILETZ BAY, 1981.

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
POIS_OR_MISC.													
CRUSTACEANS:													
Shrimp, ghost (sand)	0	0	0	0	0	106	128	133	150	0	0	0	517
TOTAL	0	0	0	0	0	106	128	133	150	0	0	0	517
TROLL													
FISH:													
Rockfish (misc. spp.)	0	0	0	0	0	0	0	0	100	0	0	0	100
Salmon, coho	0	0	0	0	0	0	0	159	0	0	0	0	159
Salmon, pink	0	0	0	0	0	0	0	8	0	0	0	0	8
TOTAL	0	0	0	0	0	0	0	167	100	0	0	0	267
TOTAL						106	128	300	250				784

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TABLE 32. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR AT DEPOE BAY, 1981.

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
POIS_OR_MISC.													
FISH:													
Cabezon	0	0	0	0	10	0	0	0	0	0	0	0	10
Lingcod	0	0	0	71	27	0	0	0	0	0	0	0	98
Rockfish (misc. spp.)	0	0	90	0	0	0	0	0	0	0	0	0	90
CRUSTACEANS:													
Crab, Dungeness, Oc..	43111	20957	17862	18691	11986	1860	872	0	0	0	0	16735	132074
MOLLUSKS:													
Mussels	0	0	0	0	1317	1358	1576	982	1068	1213	1054	746	9314
TOTAL	43111	20957	17952	18762	13340	3218	2448	982	1068	1213	1054	17481	141586
TROLL													
FISH:													
Flounder, arrowtooth	0	0	0	0	0	0	8	0	0	0	0	0	8
Halibut, Pacific	0	0	0	0	0	0	336	0	0	0	0	0	336
Lingcod	0	0	0	12	0	0	201	85	0	0	0	0	298
Rockfish (misc. spp.)	0	0	0	702	0	0	1763	807	0	0	0	0	3272
Salmon, chinook	0	0	0	390	0	0	8552	6066	127	0	0	0	15135
Salmon, coho	0	0	0	0	0	0	75675	104256	0	0	0	0	179931
Salmon, pink	0	0	0	0	0	0	2922	5954	0	0	0	0	8876
Sole, petrale	0	0	0	0	0	0	9	0	0	0	0	0	9
Tuna, albacore	0	0	0	0	0	0	10462	3603	0	0	0	0	14065
TOTAL	0	0	0	0	1104	0	99928	120771	127	0	0	0	221930
DIP_NEI_OR_JIG													
FISH:													
Lingcod	0	0	0	0	6	0	0	0	0	0	201	0	207
Rockfish (misc. spp.)	0	0	0	0	23	0	0	0	0	0	20	0	43
TOTAL	0	0	0	0	29	0	0	0	0	0	221	0	250
TOTAL	43111	20957	17952	18762	14473	3218	102376	121753	1195	1213	1275	17481	363766

TABLE 33. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR AT NEWPORT, 1981.

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISHERIES OR MISC.													
FISH:													
Cabezon.....	4	0	65	71	0	12	12	0	24	0	0	0	188
Flounder, arrowtooth.....	0	0	0	14	0	0	0	0	0	0	0	0	14
Lingscod.....	54	0	378	334	50	91	0	0	0	0	0	0	907
Rockfish (misc. spp.).....	0	51	305	0	217	50	0	0	0	0	0	0	623
Pac. Oc. perch.....	0	0	0	0	0	0	9	0	0	0	0	0	9
Sablefish.....	11762	43558	23536	3983	7242	22156	3809	0	0	0	0	11614	127660
Skates and Rays.....	0	0	0	0	0	0	10	0	0	0	0	0	10
Sole, Dover.....	0	2	0	85	56	0	0	0	0	0	0	0	143
Wolf-eel.....	0	35	49	315	154	105	42	35	70	0	0	0	805
CRUSTACEANS:													
Crab, Dungeness, Bay.....	0	16	4	6	6	0	0	107	0	0	0	0	139
Crab, Dungeness, Oc.....	504371	177034	118392	107864	37741	29847	20847	17580	7551	0	0	609776	1631003
Crab, rock.....	0	4	0	3	0	0	0	0	0	0	0	0	7
Shrimp, ghost (sand).....	305	240	1235	198	1635	163	1025	2118	1480	760	0	0	9159
MOLLUSKS:													
Clams, cockle.....	0	0	0	40	0	53	0	35	0	0	0	0	128
Octopus.....	410	361	55	0	35	132	135	30	40	0	0	60	1258
Scallop, Weathervane.....	0	0	0	0	0	408890	165401	126148	22576	269193	0	0	992208
TOTAL	516906	221301	144019	112913	47136	461499	191290	146053	31741	269953	0	621450	2764261
TROLL													
FISH:													
Flounder, arrowtooth.....	0	0	0	0	0	0	13	8	0	0	0	0	21
Halibut, Pacific.....	0	0	0	0	0	381	2861	1305	185	0	0	0	4732
Lingscod.....	0	0	0	0	8759	1030	5593	8578	220	109	0	0	24287
Rockfish (misc. spp.).....	0	0	0	0	56156	4458	15401	25040	472	398	0	0	101925
Sablefish.....	0	0	0	0	250	21	1162	424	58	0	0	0	1915
Salmon, chinook.....	0	0	0	0	95189	3490	106252	116517	3404	7153	0	0	332005
Salmon, chum.....	0	0	0	0	0	0	5	0	0	0	0	0	5
Salmon, coho.....	0	0	0	0	0	0	343480	702895	0	0	0	0	1046375
Salmon, pink.....	0	0	0	108	0	0	14843	61676	0	0	0	0	76627
Shark, soupfin.....	0	0	0	0	0	0	19	0	0	0	0	0	19
Sole, Dover.....	0	0	0	0	0	0	6	0	0	0	0	0	6
Sole, petrale.....	0	0	0	0	50	3	90	12	0	0	0	0	155
Tuna, albacore.....	0	0	0	0	0	0	490755	559999	141496	139768	63900	0	1395918
TOTAL	0	0	0	0	160512	9383	980480	1476454	145835	147428	63900	0	2983992
DIE NET OR JIG													
FISH:													
Cabezon.....	0	0	0	0	0	0	53	0	0	0	0	0	53
Halibut, Pacific.....	0	0	0	0	0	0	43	0	0	0	0	0	43
Herring, Pacific.....	0	0	79	0	0	0	0	0	0	0	0	0	79
Lingscod.....	0	0	0	35	240	2357	69	0	57	42	17	7	2824
Rockfish (misc. spp.).....	380	0	213	975	10758	12562	1225	0	1083	1567	65	2	28830
Shark, spiny dogfish.....	0	0	0	0	0	21	0	0	70	0	0	0	91
Skates and Rays.....	0	0	0	0	0	0	5	0	0	0	0	0	5
Surfperch.....	0	0	0	16	12	15	0	0	0	0	0	100	143
Wolf-eel.....	0	0	0	0	14	21	7	0	0	0	0	0	42
TOTAL	380	0	292	1026	11024	14976	1402	0	1210	1609	82	109	32110
LONGLINE OR SEILINE													
FISH:													
Cod, Pacific.....	0	0	0	0	0	56	0	18	25	0	0	0	99
Flounder, arrowtooth.....	0	0	10	0	0	180	0	0	34	23	0	0	249
Halibut, Pacific.....	0	0	0	0	0	17663	8848	4230	451	0	0	0	31192
Lingscod.....	0	50	244	0	310	3081	275	575	539	3218	0	0	8292
Rockfish (misc. spp.).....	0	0	387	2228	4874	14121	3993	8537	8195	16458	0	0	58793
Pac. Oc. perch.....	0	53	0	0	0	0	510	0	0	6	0	0	569
Sablefish.....	0	2953	9278	86023	16886	99704	26942	55342	95544	126524	0	0	519146
Shark, spiny dogfish.....	0	0	0	0	0	14	0	0	0	29	0	0	42
Sole, Dover.....	0	0	0	0	0	0	0	0	0	0	0	0	2
Sole, petrale.....	0	0	0	0	0	53	0	0	4	10	0	0	67
TOTAL	0	3056	9869	88251	22070	134872	40568	68702	104796	146267	0	0	618451

TABLE 33. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR AT NEWPORT, 1981. (CONTINUED)

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
B&I - NET OR SEINE													
FISH:													
Herrings, Pacific.....	0	0	90928	0	0	0	0	0	0	0	0	0	90928
TOTAL	0	0	90928	0	0	0	0	0	0	0	0	0	90928
SHRIMP - TRAWL													
FISH:													
Cod, Pacific.....	0	0	0	0	16	52	22	0	0	18	0	0	108
Flounder, arrowtooth.	0	0	0	0	10	22	0	0	0	365	0	0	406
Linscod.....	0	0	0	4356	3130	579	952	819	708	2687	0	0	13281
Rockfish (misc. spp.)	0	0	0	52184	108894	44084	49802	19521	10560	19416	0	0	304461
Pac. Oc. perch.....	0	0	0	5013	19578	9636	5889	9624	1570	848	0	0	52158
Sablefish.....	0	0	0	2609	2141	4110	4954	5258	11203	3789	0	0	34064
Sanddab, Pacific.....	0	0	0	0	220	0	0	0	0	0	0	0	220
Sole, Dover.....	0	0	0	7545	13537	5820	1397	3238	2368	5348	0	0	39253
Sole, English.....	0	0	0	355	33	0	0	0	1	0	0	0	389
Sole, petrale.....	0	0	0	893	474	115	15	23	14	67	0	0	1601
Sole, rex.....	0	0	0	449	130	240	6	3	4	82	0	0	914
CRUSTACEANS:													
Shrimp, Pink.....	0	0	0	1951737	1881447	883066	629673	638998	502133	513415	0	0	7000469
TOTAL	0	0	0	2025150	2029610	947724	692710	677484	528611	546035	0	0	7447324
GROUND FISH - TRAWL													
FISH:													
Cabezon.....	0	0	0	0	0	0	0	0	0	0	0	48	48
Cod, Pacific.....	7798	168	99	97	2089	1495	664	242	37	158	6	0	12853
Flounder, arrowtooth.	1016	1258	3737	1086	2689	6084	9293	7519	6338	8558	1277	114	48969
Flounder, starry.....	3770	2780	1393	459	1377	1889	1837	4252	5865	3103	1317	295	28337
Linscod.....	33257	18193	38506	16596	25510	127154	186861	49126	41273	101055	42939	9693	690163
Rockfish (misc. spp.)	141392	344825	468527	414880	377996	661875	181574	525866	335010	454928	194152	166282	4267307
Rockfish, Widow.....	2281333	2206957	3710242	1542628	1298188	839354	1460951	1804635	1461036	1266463	1621418	747506	20240711
Pac. Oc. perch.....	80994	112438	303558	243120	243456	254609	253504	216651	130969	225120	154751	112319	2331489
Sablefish.....	18966	31815	20882	34450	194864	184262	173168	165063	133459	125657	30487	51557	1164630
Sanddab, Pacific.....	1162	3751	413	3029	1438	1999	3468	864	1309	5633	4577	2699	30342
Shark, soupfin.....	30	34	90	0	0	0	0	0	0	0	0	141	374
Shark, spiny dogfish.	0	0	0	7	42	7	14	7	161	203	0	42	483
Shark, other.....	0	500	183	0	92	8	8	0	0	0	0	0	791
Skates and Rays.....	0	0	0	65	25	0	60	0	10	1540	11150	290	13140
Sole, butter.....	597	455	438	65	214	274	0	0	176	613	137	0	2969
Sole, curlfin(turbot)	0	150	0	0	0	0	0	0	0	0	0	0	150
Sole, Dover.....	161094	99288	61796	205129	194526	191333	223390	344744	321411	496722	271567	114600	2685600
Sole, English.....	77237	42185	25759	17090	22537	39208	35248	36590	41178	62730	30321	15416	445499
Sole, petrale.....	51764	63101	52161	21633	48215	144272	73530	63516	48945	65578	25687	21617	680019
Sole, rex.....	29764	18118	9473	1072	6368	3128	6907	21793	17277	19204	7800	9071	149975
Sole, rock.....	0	588	0	70	785	2720	1261	3957	1301	2735	3	0	13420
Sole, sand.....	7360	5446	1494	1263	3928	8874	7933	18008	18362	15279	4294	1055	93296
Sturgeon, green.....	40	242	64	250	157	30	79	22	0	192	121	0	1517
Sturgeon, white.....	0	0	0	0	0	0	0	0	0	0	0	200	200
Wolf-eel.....	0	21	0	7	0	0	14	32	91	0	0	0	165
MOLLUSKS:													
Octopus.....	0	0	0	0	280	87	15	50	45	201	0	0	678
Squid.....	0	0	0	0	0	0	0	0	0	225	0	0	225
TOTAL	2897574	2952313	4698815	2502996	2424776	2469011	2619779	3262937	2564253	2855672	2402229	1252945	32903300
TOTAL	3414860	3176670	4943923	4730336	4695128	4037465	4526229	5631630	3376446	3966964	2466211	1874504	46840366

TABLE 34. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR AT WALDFORT, 1981.

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
POIS_OR_MISC.													
CRUSTACEANS:													
Crab, Dungeness, Bay.	0	0	74	0	133	40	4	0	761	2353	945	0	4310
Shrimp, ghost (sand).	0	0	0	626	108	319	423	346	258	42	0	0	2122
TOTAL	0	0	74	626	241	359	427	346	1019	2395	945	0	6432
IBOLL													
FISH:													
Salmon, chinook.....	0	0	0	0	10	0	0	0	0	0	0	0	10
TOTAL	0	0	0	0	10	0	0	0	0	0	0	0	10
TOTAL			74	626	251	359	427	346	1019	2395	945		6442

TABLE 35. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR AT FLORENCE, 1981.

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
POIS_OR_MISC.													
CRUSTACEANS:													
Crab, Dungeness, Oc..	551	857	2755	4430	3362	4386	1185	1836	2480	0	0	534	22376
Shrimp, ghost (sand).	0	13	0	0	25	50	111	0	21	0	0	0	220
MOLLUSKS:													
Clams, softshell.....	0	0	0	198	98	0	328	0	60	0	0	0	684
Mussels.....	0	0	0	0	392	0	0	0	0	0	0	0	392
Scallop, Weathervane.	0	0	0	0	0	512	0	0	0	0	0	0	512
TOTAL	551	870	2755	4628	3877	4948	1624	1836	2561	0	0	534	24184
IBOLL													
FISH:													
Linseed.....	0	0	0	0	0	0	14	0	0	0	0	0	14
Rockfish (misc. spp.)	0	0	0	0	187	0	242	335	0	0	0	0	764
Salmon, chinook.....	0	0	0	0	3856	0	20208	6448	0	45	0	0	30557
Salmon, coho.....	0	0	0	0	0	0	71817	53865	0	0	0	0	125682
Salmon, pink.....	0	0	0	0	0	0	129	2637	0	0	0	0	2766
Tuna, albacore.....	0	0	0	0	0	0	8922	15714	0	0	0	0	24636
TOTAL	0	0	0	0	4043	0	101332	78999	0	45	0	0	184419
SEI_NEI													
FISH:													
Shad, American.....	0	0	0	0	1360	5646	0	0	0	0	0	0	7006
TOTAL	0	0	0	0	1360	5646	0	0	0	0	0	0	7006
TOTAL	551	870	2755	4628	9280	10594	102956	80835	2561	45		534	215609

TABLE 36. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR AT WINCHESTER BAY, 1981.

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
POT. OR MISC.													
FISH:													
Rockfish (misc. spp.)	19	0	0	0	72	2	0	0	0	0	0	0	93
CRUSTACEANS:													
Crab, Dungeness, Oc..	117954	75688	28770	37183	22398	5522	2663	5961	4747	0	0	263492	564378
Shrimp, ghost (sand)	0	0	0	0	0	0	0	8	0	0	0	0	8
MOLLUSKS:													
Clams, butter.....	0	0	0	0	0	0	0	0	45	0	0	0	45
Clams, littleneck....	0	0	0	0	18	10	27	0	0	0	0	0	55
Scallop, Weathervane.	0	0	0	0	12926	216060	1630	6615	0	244	0	33343	270818
TOTAL	117973	75688	28770	37183	35414	221594	4320	12584	4792	244	0	296835	835397
GILL NET													
FISH:													
Shad, American.....	0	0	0	0	0	23735	3467	0	0	0	0	0	27202
Smelt.....	0	15	0	0	0	0	0	0	0	0	0	0	15
TOTAL	0	15	0	0	0	23735	3467	0	0	0	0	0	27217
TROLL													
FISH:													
Lingscod.....	0	0	0	0	0	0	0	3	0	0	0	0	3
Rockfish (misc. spp.)	0	0	0	0	21	105	312	121	0	0	0	0	559
Salmon, chinook.....	0	0	0	0	1476	0	30776	10270	719	69	0	0	43310
Salmon, coho.....	0	0	0	0	0	0	185540	129470	0	0	0	0	315010
Salmon, pink.....	0	0	0	0	0	0	3487	17756	0	0	0	0	21243
Tuna, albacore.....	0	0	0	0	0	0	172008	100291	10768	0	0	0	283067
TOTAL	0	0	0	0	1497	105	392123	257911	11487	69	0	0	663192
SEI NET													
FISH:													
Shad, American.....	0	0	0	0	3820	12594	0	0	0	0	0	0	16414
TOTAL	0	0	0	0	3820	12594	0	0	0	0	0	0	16414
LONGLINE OR SEILINE													
FISH:													
Cod, Pacific.....	0	0	0	0	0	56	0	0	0	0	0	0	56
Halibut, Pacific.....	0	0	0	0	0	388	1645	1100	319	0	0	0	3452
Rockfish (misc. spp.)	0	0	22	146	186	0	0	0	36	0	0	0	390
Sablefish.....	0	0	1141	611	527	0	0	0	0	0	0	0	2279
TOTAL	0	0	1163	757	713	444	1645	1100	355	0	0	0	6177
B&I NET OR SEINE													
FISH:													
Herrings, Pacific....	0	0	0	0	300	428	10668	31669	12491	1847	0	0	57403
TOTAL	0	0	0	0	300	428	10668	31669	12491	1847	0	0	57403
SHRIMP TRAWL													
FISH:													
Lingscod.....	0	0	0	0	513	0	0	0	0	0	0	0	513
Rockfish (misc. spp.)	0	0	0	6025	19188	5834	674	0	478	0	0	0	32199
CRUSTACEANS:													
Shrimp, pink.....	0	0	0	194699	103688	28993	20282	0	0	0	0	0	347662
TOTAL	0	0	0	200724	123389	34827	20956	0	478	0	0	0	380374
GROUND FISH TRAWL													
FISH:													
Flounder, arrowtooth.	0	0	0	0	0	0	46	0	40	0	0	0	86
Flounder, starry....	0	32	6	3	6	0	0	0	0	52	11	0	110
Lingscod.....	282	862	1467	305	2367	1836	3825	5016	4680	924	724	0	22288
Rockfish (misc. spp.)	423	7127	4431	921	3711	4170	4128	3451	3583	5948	886	0	38779
Rockfish, Widow.....	39896	57703	0	0	0	0	0	0	163362	0	0	0	260961
Pac. Oc. perch.....	520	2080	0	563	670	0	189	799	14	0	0	0	4835
Sablefish.....	135	705	1258	1881	6718	898	4598	11249	5429	11371	841	0	45083

TABLE 36. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR AT WINCHESTER BAY, 1981. (CONTINUED)

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
Sanddab, Pacific.....	478	2730	176	307	1957	229	228	97	166	165	1245	0	7778
Shark, soupfin.....	0	0	0	0	0	0	0	0	49	0	0	0	49
Sole, Dover.....	2235	2253	9520	20955	38017	35588	48071	42549	82034	43149	8656	0	333027
Sole, English.....	983	3348	917	198	1281	1776	1313	555	1029	1155	830	0	13385
Sole, Petrale.....	1335	7082	2732	651	2537	2446	2472	2563	2519	3465	1988	0	29790
Sole, rex.....	252	2126	642	1221	2838	452	11	294	675	982	690	0	10183
Sole, sand.....	0	307	170	0	0	0	0	0	0	205	1	0	683
Sturgeon, green.....	0	0	0	0	65	219	499	0	0	0	0	0	783
Wolf-eel.....	0	0	0	0	0	0	0	0	423	0	0	0	423
TOTAL	46539	86355	21319	27005	60167	47614	65380	66573	264003	67416	15872	0	768243
TOTAL	164512	162058	51252	265669	225300	341341	498559	369837	293606	69576	15872	296835	2754417

TABLE 37. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR AT COOS BAY, 1981.

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
PDIS_OR_MISC													
FISH:													
Cod, Pacific.....	0	0	0	0	0	0	16	0	0	0	0	0	16
Lingscod.....	2413	28	0	0	17	591	309	35	0	39	0	0	3432
Rockfish (misc. spp.)	0	0	0	0	0	2865	3891	0	0	0	0	0	6756
Sablefish.....	115391	279600	16377	49892	0	0	22140	0	0	0	0	0	483400
Shark, soupfin.....	0	34	0	0	0	0	0	0	0	0	0	0	34
Skates and Rays.....													
Sole, Dover.....	0	0	0	0	88	130	665	0	0	0	0	0	883
Sole, English.....	0	0	0	0	0	0	22	0	0	0	0	0	22
Sole, Petrale.....	0	0	0	0	280	217	774	0	0	0	0	0	1271
CRUSTACEANS:													
Crab, Dungeness, Bay.	175	0	0	0	0	0	49	55	181	1060	1275	149	2944
Crab, Dungeness, Oc.	289996	149783	75314	64217	24933	11774	6600	12679	8097	0	0	653584	1296977
Shrimp, ghost (sand).	7	69	119	53	29	38	96	63	45	16	21	11	567
MOLLUSKS:													
Clams, butter.....	0	0	0	0	0	0	0	45	403	639	786	376	2249
Clams, cockle.....	0	0	0	0	0	0	397	0	37	15	10	0	459
Clams, sapper.....	0	0	0	0	0	0	22	2153	11639	20648	20783	6897	62142
Clams, littleneck....	0	52	727	698	1284	389	559	309	469	132	34	33	4686
Mussels.....	0	0	0	20	0	0	0	0	0	0	0	0	20
Octopus.....	173	727	203	12	56	60	0	0	0	0	0	0	1231
Scallop, Weathervane.	0	0	0	293678	1839755	3809626	992599	1112193	628660	469262	114814	116388	9376975
TOTAL	408155	430293	92740	408570	1866442	3825712	1028139	1127532	649531	491811	137723	777438	11244086
GILL NET													
FISH:													
Smelt.....	0	218	0	0	0	0	0	0	0	0	0	0	218
TOTAL	0	218	0	0	0	0	0	0	0	0	0	0	218
TROLL													
FISH:													
Flounder, arrowtooth.	0	0	0	0	0	0	8	0	0	0	0	0	8
Halibut, Pacific....	0	0	0	0	0	138	0	160	20	0	0	0	318
Lingscod.....	0	0	0	0	477	51	352	1724	797	404	66	0	3871
Rockfish (misc. spp.)	0	0	0	0	9031	509	3527	6732	1382	989	32	0	22202
Salmon, chinook.....	0	0	0	0	24176	696	55643	132601	15927	15291	560	0	244894
Salmon, coho.....	0	0	0	0	0	0	254056	372138	0	0	0	0	626194
Salmon, pink.....	0	0	0	0	0	0	18734	81328	0	0	0	0	100062
Sole, Petrale.....	0	0	0	0	0	0	0	11	12	0	0	0	23
Tuna, albacore.....	0	0	0	0	0	0	841709	607714	292869	44053	0	0	1786345
TOTAL	0	0	0	0	33684	1394	1174029	1202408	311007	60737	658	0	2783917
DIP NET OR JIG													
FISH:													
Lingscod.....	24	0	0	0	272	64	0	0	0	0	0	0	360
Rockfish (misc. spp.)	477	0	0	0	700	302	0	0	808	622	0	0	2909
Smelt.....	0	30	0	0	0	0	0	0	0	0	0	0	30
Surfperch.....	9	0	0	0	0	0	0	0	0	0	0	0	9
TOTAL	510	30	0	0	972	366	0	0	808	622	0	0	3308
LONGLINE OR SETLINE													
FISH:													
Halibut, Pacific....	0	0	0	0	0	1287	217	0	518	0	0	0	2022
Lingscod.....	0	0	0	10	0	220	308	0	17	289	128	0	972
Rockfish (misc. spp.)	0	1386	0	2993	8987	9125	22298	0	12635	5735	699	0	63858
Sablefish.....	0	0	5645	53945	178059	69154	16757	0	40854	69150	46527	0	480091
TOTAL	0	1386	5645	56948	187046	79786	39580	0	54024	75174	47354	0	546943
SHRIMP TRAWL													
FISH:													
Flounder, arrowtooth.	0	0	0	51	0	0	0	0	0	0	0	0	51
Lingscod.....	0	0	0	12617	4683	635	99	1329	1418	204	0	0	20985
Rockfish (misc. spp.)	0	0	0	160664	124640	49141	20263	55871	31929	18904	0	0	461412
Pac. Oc. perch.....	0	0	0	755	46	0	0	0	62	33	0	0	896

TABLE 37. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR AT COOS BAY, 1981. (CONTINUED)

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
Sablefish.....	0	0	0	151	613	489	299	926	677	2	0	0	3157
Sanddab, Pacific.....	0	0	0	52	0	12	0	0	0	0	0	0	64
Sole, Dover.....	0	0	0	6378	10221	5315	4752	3470	11110	3511	0	0	44757
Sole, English.....	0	0	0	133	15	5	0	0	43	3	0	0	199
Sole, Petrale.....	0	0	0	1117	241	10	4	33	335	283	0	0	2023
Sole, rex.....	0	0	0	389	287	0	0	35	214	10	0	0	935
Sturleon, green.....	0	0	0	0	0	0	0	38	0	0	0	0	38
CRUSTACEANS:													
Shrimp, pink.....	0	0	0	3562134	1518561	744925	184367	1037386	571754	511832	0	0	8130959
MOLLUSKS:													
Octopus.....	0	0	0	0	0	0	0	77	0	0	0	0	77
TOTAL	0	0	0	3744441	1659307	800532	209784	1099165	617542	534782	0	0	8665553
GRONDEISH TRAWL													
FISH:													
Cod, Pacific.....	0	0	0	0	0	31	0	0	0	0	0	0	31
Flounder, arrowtooth.....	278	0	56	287	0	795	0	0	0	0	0	0	1416
Flounder, starry.....	7025	9155	506	335	10338	34190	14037	17808	7396	42	71	0	100903
Linscod.....	11375	8316	36859	11745	19253	39706	51381	68967	47891	34422	16284	3113	349312
Rockfish (misc. spp.)	214889	259692	201015	64128	201098	263825	420981	398457	252742	139461	143916	37433	2597637
Rockfish, Widow.....	1031926	924469	1160467	557487	253931	141885	286773	576550	356600	191709	417660	103697	6003154
Pac. Oc. perch.....	8180	26890	5348	10918	140470	18840	18561	14957	13648	3505	5208	8545	275070
Sablefish.....	31990	46544	39349	64271	99820	131444	88436	128833	58826	59938	41132	32293	822876
Salmon, chinook.....	0	0	0	0	493	0	0	0	0	0	0	0	493
Sanddab, Pacific.....	753	286	1349	2723	54	995	2752	4885	36	11	0	0	13844
Shark, soupfin.....	107	95	0	11	0	0	0	62	0	0	0	0	275
Skates and Rays.....	0	0	949	1845	0	0	0	0	0	0	0	0	2794
Sole, butter.....	0	0	0	22	880	4980	1333	0	0	0	47	0	7262
Sole, curlfin(turbot)	0	0	0	13	910	322	2565	408	187	0	0	0	4405
Sole, Dover.....	74524	251918	406714	316045	450728	437209	490299	583007	441258	312167	252431	171207	4187507
Sole, English.....	4134	4166	11051	7460	10042	15366	22013	29891	25845	11285	4094	1131	146478
Sole, Petrale.....	58464	53411	49095	23160	19754	24684	41392	57499	35803	20019	14641	21394	419316
Sole, rex.....	20510	18690	11182	10105	18075	20544	12152	17849	5560	3662	8088	4902	151319
Sole, rock.....	0	0	31	0	0	0	4191	781	89	0	600	0	5692
Sole, sand.....	361	412	276	246	11342	19922	55710	32331	20822	222	94	0	141738
Sturleon, green.....	0	0	0	0	507	340	661	142	26	0	0	0	1676
MOLLUSKS:													
Octopus.....	0	0	0	0	0	65	116	33	0	0	0	0	214
TOTAL	1464516	1604044	1924247	1070801	1237695	1155143	1513353	1932460	1266729	776443	904266	383715	15233412
TOTAL	1873181	2035971	2022632	5280760	4985146	5862933	3964885	5361565	2899641	1939569	1090001	1161153	38477437

TABLE 3B. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR AT BANDON, 1981.

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
TRawl													
FISH:													
Halibut, Pacific.....	0	0	0	0	0	0	0	12	0	0	0	0	12
Lingcod.....	0	0	0	0	0	0	28	94	0	0	0	0	122
Rockfish (misc. spp.)	0	0	0	0	0	0	403	999	0	0	0	0	1402
Salmon, chinook.....	0	0	0	0	10	0	2495	30205	0	0	0	0	32710
Salmon, coho.....	0	0	0	0	0	0	16564	30999	0	0	0	0	47563
Salmon, pink.....	0	0	0	0	0	0	2106	4539	0	0	0	0	6645
Tuna, albacore.....	0	0	0	0	0	0	1685	0	0	0	0	0	1685
TOTAL	0	0	0	0	10	0	23281	66848	0	0	0	0	90139
DIP_NEI_OR_JIG													
FISH:													
Rockfish (misc. spp.)	0	0	0	0	1701	231	0	0	0	0	0	0	1932
TOTAL	0	0	0	0	1701	231	0	0	0	0	0	0	1932
LONGLINE_OR_SEILINE													
FISH:													
Sablefish.....	0	0	317	935	4005	3636	0	0	0	0	0	0	8893
TOTAL	0	0	317	935	4005	3636	0	0	0	0	0	0	8893
SHRIMP_TRAWL													
CRUSTACEANS:													
Shrimp, pink.....	0	0	0	0	475	0	0	0	0	0	0	0	475
TOTAL	0	0	0	0	475	0	0	0	0	0	0	0	475
GROUNDSEISH_TRAWL													
FISH:													
Flounder, starry.....	0	0	0	0	0	0	0	1320	0	0	0	0	1320
Lingcod.....	0	0	0	0	0	0	0	12	0	0	0	0	12
Rockfish (misc. spp.)	0	0	0	0	0	0	0	3	0	0	0	0	3
Sole, English.....	0	0	0	0	0	0	0	465	0	0	0	0	465
Sole, petrale.....	0	0	0	0	0	0	0	93	0	0	0	0	93
Sole, sand.....	0	0	0	0	0	0	0	1578	0	0	0	0	1578
TOTAL	0	0	0	0	0	0	0	3471	0	0	0	0	3471
TOTAL			317	935	6191	3867	23281	70319					104910

TABLE 39. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR AT PORT ORFORD, 1981.

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
POIS_OR_MISC													
CRUSTACEANS:													
Crab, Dungeness, Oc..	165192	51358	45615	55790	30821	9072	1335	305	16394	0	0	289272	665154
MOLLUSKS:													
Octopus.....	0	0	376	1219	311	40	0	0	0	0	0	65	2011
Scallop, Weathervane.	0	0	0	0	0	683	2769	0	0	0	0	0	3452
TOTAL	165192	51358	45991	57009	31132	9795	4104	305	16394	0	0	289337	670617
TROLL													
FISH:													
Lindcod.....	0	0	0	0	218	0	312	1610	1439	1984	468	0	6031
Rockfish (misc. spp.)	0	0	0	0	1948	0	2216	4489	1913	4701	4819	0	20086
Salmon, chinook.....	0	0	0	0	7417	0	25514	66684	11548	8471	5515	0	125149
Salmon, coho.....	0	0	0	0	0	0	66085	97961	0	0	0	0	164046
Salmon, pink.....	0	0	0	0	0	0	5057	19651	0	0	0	0	24708
Tuna, albacore.....	0	0	0	0	0	0	15337	50484	0	0	0	0	65821
TOTAL	0	0	0	0	9583	0	114521	240879	14900	15156	10802	0	405841
DIP_NEI_OR_JIG													
FISH:													
Lindcod.....	914	4790	822	71	976	2139	18	644	2396	1319	2722	0	16811
Rockfish (misc. spp.)	1112	3094	1124	694	10225	12588	461	7864	21326	4524	13971	0	76983
TOTAL	2026	7884	1946	765	11201	14727	479	8508	23722	5843	16693	0	93794
LONGLINE_OR_SEILINE													
FISH:													
Rockfish (misc. spp.)	0	233	0	0	0	340	0	0	0	0	0	0	573
Sablefish.....	0	1294	1449	0	0	810	0	0	0	0	0	0	3553
Shark, spiny dogfish.	0	0	71	0	0	0	0	0	0	0	0	0	71
Skates and Rays.....	0	79	0	0	0	0	0	0	0	0	0	0	79
Sturgeon, green.....	0	0	20	0	0	0	0	0	0	0	0	0	20
MOLLUSKS:													
Octopus.....	0	0	67	0	0	0	0	0	0	0	0	0	67
TOTAL	0	1606	1607	0	0	1150	0	0	0	0	0	0	4363
SHRIMP_TRAWL													
CRUSTACEANS:													
Shrimp, pink.....	0	0	0	0	3768	0	0	0	0	0	0	0	3768
TOTAL	0	0	0	0	3768	0	0	0	0	0	0	0	3768
TOTAL	167218	60848	49544	57774	55684	25672	119104	249692	55016	20999	27495	289337	1178383

TABLE 40. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR AT GOLD BEACH, 1981.

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
POIS_OR_MISC													
CRUSTACEANS:													
Crab, Dungeness, Oc..	0	0	0	0	0	0	61	27	0	0	0	0	88
MOLLUSKS:													
Scallop, Westhervane.	0	0	0	0	0	817	0	0	0	0	0	0	817
TOTAL	0	0	0	0	0	817	61	27	0	0	0	0	905
TROLL													
FISH:													
Linscod.....	0	0	0	0	71	0	74	1175	195	0	0	0	1515
Rockfish (misc. spp.)	0	0	0	0	12	0	293	3295	569	0	0	0	4169
Salmon, chinook.....	0	0	0	614	0	0	1969	51389	676	86	0	0	54734
Salmon, coho.....	0	0	0	0	0	0	754	31874	0	0	0	0	32628
Salmon, pink.....	0	0	0	0	0	0	99	6074	0	0	0	0	6173
Sole, petrale.....	0	0	0	0	0	0	175	0	0	0	0	0	175
Tuna, albacore.....	0	0	0	0	0	0	7774	1315	0	0	0	0	9089
TOTAL	0	0	0	0	697	0	11138	95122	1440	86	0	0	108483
DIP_NET_OR_JIG													
FISH:													
Linscod.....	0	0	0	0	0	21	6	96	578	0	0	0	701
Rockfish (misc. spp.)	0	0	0	0	0	1422	65	251	1133	0	0	0	2871
TOTAL	0	0	0	0	0	1443	71	347	1711	0	0	0	3572
SHRIMP_TRAWL													
CRUSTACEANS:													
Shrimp, pink.....	0	0	0	0	1780	0	0	0	0	0	0	0	1780
TOTAL	0	0	0	0	1780	0	0	0	0	0	0	0	1780
GROUNDWISH_TRAWL													
FISH:													
Linscod.....	0	0	0	0	0	0	0	56	0	0	0	0	56
Sole, Dover.....	0	0	0	0	0	0	0	75	0	0	0	0	75
Sole, English.....	0	0	0	0	0	0	0	248	0	0	0	0	248
Sole, petrale.....	0	0	0	0	0	0	0	179	0	0	0	0	179
Sole, rex.....	0	0	0	0	0	0	0	35	0	0	0	0	35
TOTAL	0	0	0	0	0	0	0	593	0	0	0	0	593
TOTAL					2477	2260	11270	96089	3151	86			115333

TABLE 41. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR AT BROOKINGS, 1981.

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
POIS_OR_MISC													
FISH:													
Linscod.....	0	0	0	0	12	0	0	0	0	0	0	0	12
Rockfish (misc. spp.)	0	0	0	0	0	0	0	61	0	0	0	25	86
CRUSTACEANS:													
Crab, Dungeness, Oc..	210723	104596	46036	29196	9064	4543	330	909	725	0	0	991909	1398031
MOLLUSKS:													
Octopus.....	106	502	287	798	81	96	0	0	0	0	0	1701	3571
Scallop, Weathervane.	0	0	0	0	0	4270	0	40711	6039	0	0	0	51020
TOTAL	210829	105098	46323	29994	9157	8909	330	41681	6764	0	0	993635	1452720
TROLL													
FISH:													
Linscod.....	0	0	0	0	147	0	270	1167	1417	1047	43	0	4091
Rockfish (misc. spp.)	0	0	0	0	1588	0	1499	3715	1908	3246	3595	0	15551
Sablefish.....	0	0	0	0	0	0	0	10	8	36	0	0	54
Salmon, chinook.....	0	0	0	0	40296	264	42540	345328	132329	116610	17019	0	694386
Salmon, coho.....	0	0	0	0	0	0	21669	162616	0	0	0	0	184285
Salmon, pink.....	0	0	0	0	5	0	10903	36872	0	0	0	0	47780
Shark, soupfin.....	0	0	0	0	0	0	0	0	0	28	0	0	28
Tuna, albacore.....	0	0	0	0	0	0	24993	36358	1820	2345	262	0	65778
TOTAL	0	0	0	0	42036	264	101874	586066	137482	123312	20919	0	1011953
DIP_WEL_OR_JIG													
FISH:													
Linscod.....	101	469	0	439	216	379	128	107	649	16	101	73	2678
Rockfish (misc. spp.)	332	194	0	4713	12575	9616	3872	3100	4379	310	931	459	40481
TOTAL	433	663	0	5152	12791	9995	4000	3207	5028	326	1032	532	43159
SHRIMP_TRAWL													
FISH:													
Linscod.....	0	0	0	192	1292	0	424	0	0	146	0	0	2054
Rockfish (misc. spp.)	0	0	0	22513	17549	6800	557	6216	998	198	0	0	54831
Shark, soupfin.....	0	0	0	0	24	0	0	0	0	0	0	0	24
Sole, Dover.....	0	0	0	40	1715	0	0	0	0	0	0	0	1755
Sole, English.....	0	0	0	40	300	0	0	0	0	0	0	0	340
CRUSTACEANS:													
Shrimp, pink.....	0	0	0	379900	377976	92115	44480	90115	48647	32184	0	0	1065417
MOLLUSKS:													
Octopus.....	0	0	0	0	20	0	0	0	0	0	0	0	20
TOTAL	0	0	0	402685	398876	98915	45461	96331	49645	32528	0	0	1124441
GRONDEISH_TRAWL													
FISH:													
Flounder, arrowtooth.	0	2515	5496	5490	4694	4205	1224	2565	175	65	0	0	26429
Flounder, starry.....	272	239	164	137	535	332	457	3044	738	715	420	0	7053
Linscod.....	1560	5917	4983	2773	6430	35216	22491	43599	48065	19382	7213	4235	201864
Rockfish (misc. spp.)	59405	135586	118346	184690	44038	174178	28360	152017	287455	203135	234545	73685	1695440
Rockfish, Widow.....	0	0	0	0	157470	0	0	0	0	0	0	0	157470
Pac. Oc. perch.....	0	223	297	0	1125	728	0	541	1593	3996	4187	24	12714
Sablefish.....	610	7967	17234	11044	54300	32829	13479	48240	16251	6968	11668	1671	222261
Sanddab, Pacific.....	2574	7836	1933	568	1288	714	162	1159	206	573	512	0	17525
Shark, soupfin.....	50	32	0	0	0	40	0	0	0	32	233	35	422
Skates and Rays.....	0	1337	0	0	0	0	0	0	0	0	0	0	1337
Sole, butter.....	3452	3489	2626	25	95	0	0	2	0	475	0	0	10164
Sole, curlfin(turbot)	0	0	0	0	550	0	0	0	0	0	0	0	550
Sole, Dover.....	142	4422	19003	56889	219360	157938	165254	302456	203065	41215	58850	5366	1233960
Sole, English.....	4278	23038	23528	6133	9473	13825	24367	37999	29890	10371	6468	780	190150
Sole, Petrale.....	1090	15494	10809	4453	4147	14036	16715	36183	19056	2286	2114	277	126660
Sole, rex.....	320	15346	11696	8681	28231	19952	6666	16100	7215	2486	3388	180	120261
Sole, sand.....	16560	6739	3704	234	1747	160	648	495	1759	6874	8664	115	47699
MOLLUSKS:													
Octopus.....	976	1206	727	70	209	132	169	536	108	263	448	50	4894
TOTAL	91289	231386	220546	281187	533692	454285	279992	644936	615576	298836	338710	86418	4076853
TOTAL	302551	337147	266869	719018	996552	572368	431657	1372221	814495	455002	360661	1080585	7709126

TABLE 42. ESTIMATED VALUE (\$), AT THE FISHERMEN'S LEVEL, OF COMMERCIAL FISH AND SHELLFISH LANDINGS BY PORT IN OREGON, 1981.

SPECIES	COLUMBIA RIVER 1/	ASTORIA	TILLAMOOK	PACIFIC CITY	DEPOE BAY	NEWPORT	ELORENCE	WINCHESTER BAY	COOS BAY	BANDON	PORT OREGON	GOLD BEACH	BROOKINGS	OTHER 2/ LOCATIONS	TOTAL
FISH:															
Cabezon.....	0	0	0	0	4	72	0	0	0	0	0	0	0	0	76
Cod, Pacific.....	0	21626	1	0	0	3191	0	28	11	0	0	0	0	0	24857
Flounder, arrowtooth.	0	110944	1429	0	2	4635	0	8	285	0	0	0	2653	0	119956
Flounder, starry.....	1065	162212	0	0	0	6144	0	31	27013	356	0	0	1884	0	198705
Hake, Pac. (Whitings).	0	25139	0	0	0	0	0	0	0	0	0	0	0	0	25139
Halibut, Pacific.....	0	102807	297	910	321	46432	0	6726	2740	18	0	0	0	0	160251
Herrings, Pacific.....	0	0	0	0	0	35110	0	22101	0	0	0	0	0	0	57211
Langres, Pacific.....	0	0	0	0	0	0	0	0	0	0	0	0	0	2008	2008
Linscod.....	0	191357	1711	4956	227	159576	3	5810	91255	30	5724	589	51266	0	512504
Mackerel.....	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2
Rockfish (misc. spp.)	0	1320913	7000	9451	759	742305	154	11668	520853	622	18792	1429	301613	31	2935590
Rockfish, Widow.....	0	641872	1557	0	0	2679270	0	29673	686249	0	0	0	23621	0	4062242
Pac. Oc. perch.....	0	273168	3241	0	0	377151	0	682	39907	0	0	0	2171	0	696320
Sablefish.....	0	273822	1041	11	0	375517	0	6620	380438	2687	610	0	33257	0	1074003
Salmon, chinook.....	793978	324751	124050	76872	35381	765526	70782	97265	545155	73521	281455	120162	1521003	26	4829927
Salmon, chum.....	6864	0	0	0	0	5	0	0	0	0	0	0	0	0	6869
Salmon, coho.....	368684	417373	482493	634947	260430	1500881	187457	464354	936877	74299	248789	48932	283923	228	5909667
Salmon, pink.....	11	9974	18556	39816	6320	55114	1817	14014	69513	5083	17112	4092	31409	9	272840
Sanddab, Pacific.....	0	57760	14	0	0	7912	0	2519	4715	0	0	0	5981	0	78901
Shad, American.....	17870	39	0	0	0	0	1401	8725	0	0	0	0	0	0	28035
Shark, soupfin.....	0	744	0	0	0	89	0	12	126	0	0	0	245	0	1216
Shark, spiny dogfish.	34	648	0	0	0	40	0	0	0	0	12	0	0	0	734
Shark, other.....	0	119	6	0	0	533	0	0	0	0	0	0	0	0	658
Skates and Rays.....	0	5247	0	0	0	671	0	0	707	0	20	0	102	0	6747
Smelt.....	2403	0	0	0	0	0	0	6	99	0	0	0	0	0	2508
Sole, butter.....	0	318	0	0	0	634	0	0	1094	0	0	0	2194	0	4240
Sole, curlfin(turbot)	0	0	0	0	0	15	0	0	1892	0	0	0	55	0	1962
Sole, Dover.....	0	676072	2829	0	0	579877	0	73175	957224	0	0	17	279552	0	2568746
Sole, English.....	0	228927	56	0	0	125899	0	4031	45268	144	0	77	58353	0	462755
Sole, flathead.....	0	3072	22	0	0	0	0	0	0	0	0	0	0	0	3094
Sole, Petrale.....	0	363324	645	1	5	360792	0	14820	220996	50	0	192	66492	0	1027317
Sole, rex.....	0	263897	633	0	0	43621	0	3378	51231	0	0	12	40938	0	403710
Sole, rock.....	0	170	2	0	0	4804	0	0	1902	0	0	0	0	0	6878
Sole, sand.....	0	208224	0	1	0	42868	0	294	66502	742	0	0	21758	0	340389
Steelhead.....	74704	0	0	0	0	0	0	0	0	0	0	0	0	0	74704
Sturgeon, green.....	561	1324	0	0	0	478	0	569	1286	0	4	0	0	0	4222
Sturgeon, white.....	289716	1372	0	0	0	209	0	0	0	0	0	0	0	0	291297
Surfperch.....	0	8	0	0	0	80	0	0	5	0	0	0	0	0	93
Tuna, albacore.....	0	3468537	49565	467	12113	1207013	21236	249999	1545589	1452	57201	7834	57111	0	6678117
Wolf-eel.....	0	0	0	0	0	1012	0	423	0	0	0	0	0	0	1435
Miscellaneous.....	0	134	0	0	0	0	0	0	0	0	0	0	0	0	134
CRUSTACEANS:															
Crab, Dungeness, Bay.	0	0	7751	834	0	144	0	0	3412	0	0	0	0	11668	23809
Crab, Dungeness, Oc..	0	893074	336035	5290	140794	1618364	30490	544827	1235539	0	637446	110	1246470	0	6688439
Crab, rock.....	0	0	0	0	0	7	0	0	0	0	0	0	0	0	7
Crayfish.....	0	0	0	0	0	0	0	0	0	0	0	0	0	97858	97858
Shrimp, brine.....	0	0	0	0	0	0	0	0	0	0	0	0	0	4330	4330
Shrimp, ghost (sand).	0	371	48749	303	0	9001	227	8	584	0	0	0	0	7434	66677
Shrimp, pink.....	0	3962362	671650	0	0	3529287	0	181357	4143747	247	1997	926	551054	0	13042627
MOLLUSKS:															
Clams, butter.....	0	0	46	0	0	0	0	50	567	0	0	0	0	0	663
Clams, cockle.....	0	0	951	0	0	44	0	0	142	0	0	0	0	0	1137
Clams, gaper.....	0	0	0	0	0	0	0	0	21369	0	0	0	0	0	21369
Clams, littleneck....	0	0	79	0	0	0	0	62	5052	0	0	0	0	0	5193
Clams, razor.....	0	34967	0	0	0	0	0	0	0	0	0	0	0	0	34967
Clams, softshell....	0	0	0	0	0	0	403	0	0	0	0	0	0	0	403
Mussels.....	0	2522	3077	0	9889	0	137	0	17	0	0	0	0	0	15642
Octopus.....	0	0	53	0	0	676	0	0	763	0	552	0	4210	0	6254
Scallop, Weathervane.	0	1595034	18962	0	0	258173	150	90918	2690269	0	1126	263	16553	0	4671448
Squid.....	0	0	0	0	0	45	0	0	0	0	0	0	0	0	45
TOTAL	1555890	15644224	1782501	773861	466245	14543217	314257	1834153	14300393	159251	1270840	184635	4603868	123592	57556927

1/ OREGON LANDINGS ONLY.

2/ LANDINGS AT NEHALEM BAY, NETARTS BAY, SILETZ BAY, AND WALDPFORT.

TABLE 43. ESTIMATED VALUE (\$), AT THE FISHERMEN'S LEVEL, OF MONTHLY COMMERCIAL FISH AND SHELLFISH LANDINGS IN OREGON, 1981.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Cabezon.....	1	0	16	18	4	3	16	0	6	0	0	12	76
Cod, Pacific.....	2694	958	192	997	2670	3252	3488	4288	2441	2749	1120	8	24857
Flounder, arrowtooth.....	692	1841	3533	2092	23144	17333	33109	17363	10539	8355	821	1134	119956
Flounder, starry.....	27039	4282	18297	10417	32532	38765	26925	24356	6153	8684	1185	70	198705
Hake, Pac. (Whiting).....	0	0	0	0	5421	4081	12015	2827	528	267	0	0	25139
Halibut, Pacific.....	0	0	0	0	0	118574	27076	11388	3213	0	0	0	160251
Herrings, Pacific.....	0	0	35110	0	116	165	4107	12193	4809	711	0	0	57211
Lamprey, Pacific.....	0	0	0	0	0	0	1922	86	0	0	0	0	2008
Lingcod.....	17278	19173	35223	18458	54668	74606	89317	62534	49703	58465	28255	4824	512504
Mackerel.....	0	0	0	0	0	0	0	2	0	0	0	0	2
Rockfish (misc. spp.).....	79946	130812	170687	247270	319449	378598	408495	426750	243702	336634	140741	52506	2935590
Rockfish, Widow.....	511987	412623	681141	376059	265420	157506	265677	359564	288205	262525	362366	119169	4062242
Pac. Oc. perch.....	40543	41111	67205	60773	92696	64736	84378	75533	43570	68158	35857	21760	696320
Sablefish.....	35464	77015	34663	66002	158087	162206	146116	107081	94714	142221	31944	18490	1074003
Salmon, chinook.....	0	172372	165247	4626	631005	18667	835195	1812743	754543	375009	60520	0	4829927
Salmon, chum.....	0	0	0	0	0	0	5	0	14	3341	3509	0	6869
Salmon, coho.....	0	81	0	0	0	0	2480767	3062585	123212	183821	59201	0	5909667
Salmon, pink.....	0	0	0	0	83	37	68652	204057	2	9	0	0	272840
Sanddab, Pacific.....	3726	7774	4585	4791	11790	5749	14830	6448	4401	11398	2440	949	78901
Shad, American.....	0	0	0	0	4454	22624	917	0	0	1	39	0	28035
Shark, soupfin.....	194	223	46	3	32	119	46	177	122	68	131	55	1216
Shark, spiny dogfish.....	0	199	177	141	127	2	1	0	16	68	0	3	734
Shark, other.....	0	337	128	83	60	4	4	36	0	6	0	0	658
Skates and Rays.....	0	1094	592	1672	928	1412	345	22	1	90	569	22	6747
Smelt.....	846	106	1547	0	0	0	0	0	0	0	0	9	2508
Sole, butter.....	883	864	671	38	203	833	225	51	94	336	42	0	4240
Sole, curlfin(turbot).....	0	15	0	6	447	138	1101	175	80	0	0	0	1962
Sole, Dover.....	93000	107077	205569	199692	275044	235941	285104	369283	302011	261136	154580	80309	2568746
Sole, English.....	37661	40013	27629	22982	44648	36980	62529	68257	56295	40188	20006	5567	462755
Sole, flathead.....	22	0	0	9	1281	1167	590	22	2	1	0	0	3094
Sole, petrale.....	86378	127741	101014	46543	94885	118458	82212	105182	89392	82988	65353	27171	1027317
Sole, rex.....	27333	53437	30586	18480	47117	28884	42365	60128	36822	37757	15975	4826	403710
Sole, rock.....	0	150	13	26	292	972	1774	1768	511	1077	295	0	6878
Sole, sand.....	11026	8241	11556	16624	25051	37943	107704	59700	33380	21757	6705	702	340389
Steelhead.....	0	8757	26813	1434	0	0	0	0	37549	151	0	0	74704
Sturgeon, green.....	12	72	45	220	869	836	1288	192	433	210	45	0	4222
Sturgeon, white.....	2004	61852	35308	15564	11242	570	334	53461	41024	50890	14278	4770	291297
Surfperch.....	5	0	0	9	7	8	0	0	0	8	0	56	93
Tuna, albacore.....	0	0	0	0	0	0	1614124	3667515	958492	331149	106837	0	6678117
Wolf-eel.....	0	56	49	322	168	126	63	67	584	0	0	0	1435
Miscellaneous.....	0	0	0	0	0	0	0	67	67	0	0	0	134
CRUSTACEANS:													
Crab, Dungeness, Bay.....	1102	756	104	7	275	536	1646	1234	1792	9249	6679	429	23809
Crab, Dungeness, Oc..	1349262	727685	510534	549236	259483	122274	97793	130879	96626	0	0	2844667	6688439
Crab, rock.....	0	4	0	3	0	0	0	0	0	0	0	0	7
Crayfish.....	0	0	0	2290	5353	18323	21955	25608	19731	4598	0	0	97858
Shrimp, brine.....	0	0	0	0	0	0	1398	1788	1144	0	0	0	4330
Shrimp, ghost (sand).....	6243	3124	4538	7118	3660	8184	10329	5580	2870	10473	2702	1856	66677
Shrimp, pink.....	0	0	0	3699250	3224653	1616282	1313696	1454159	947157	787430	0	0	13042627
MOLLUSKS:													
Clams, butter.....	0	0	10	4	0	0	32	11	152	162	197	95	663
Clams, cockle.....	0	0	125	156	179	478	160	14	19	4	2	0	1137
Clams, sapper.....	0	0	0	0	0	0	10	753	4076	7233	6885	2412	21369
Clams, littleneck.....	0	62	820	779	1433	494	645	339	403	144	37	37	5193
Clams, razor.....	1389	740	1294	1001	1163	425	1196	17	1359	12675	9808	3900	34967
Clams, softshell.....	0	0	0	135	4	0	223	0	41	0	0	0	403
Mussels.....	479	815	1287	1769	2241	1437	1752	982	1129	1512	1344	895	15642
Octopus.....	843	1315	746	746	351	268	205	352	114	185	226	903	6254
Scallop, Weathervane.....	0	0	0	106993	781994	1732369	879574	623935	199444	239431	64827	42881	4671448
Squid.....	0	0	0	0	0	0	0	0	0	0	45	0	45
TOTAL	2338052	2012777	2177100	5484838	6384729	5032385	9033430	12821552	4462687	3363324	1205566	3240487	57556927

TABLE 44. ESTIMATED VALUE (\$), AT THE FISHERMEN'S LEVEL, OF MONTHLY COMMERCIAL FISH AND SHELLFISH LANDINGS FROM THE COLUMBIA RIVER, 1981. 1/

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
BELOW BONNEVILLE DAM													
FISH:													
Flounder, starry.....	0	658	387	0	0	0	0	0	7	12	1	0	1065
Salmon, chinook.....	0	171992	138218	0	0	0	0	13830	86807	39443	6114	0	456404
Salmon, chum.....	0	0	0	0	0	0	0	0	14	3341	3509	0	6864
Salmon, coho.....	0	0	0	0	0	0	0	2369	119905	183761	59201	0	365236
Salmon, pink.....	0	0	0	0	0	0	0	0	2	9	0	0	11
Shad, American.....	0	0	0	0	3418	14227	224	0	0	1	0	0	17870
Shark, spiny dogfish.	0	0	0	0	0	0	0	0	0	34	0	0	34
Smelt.....	846	1	1547	0	0	0	0	0	0	0	0	9	2403
Steelhead.....	0	0	0	0	0	0	0	0	0	142	0	0	142
Sturgeon, green.....	0	0	0	0	0	0	0	10	416	135	0	0	561
Sturgeon, white.....	1420	51586	29274	12534	742	0	0	39352	35505	42813	10850	2755	226831
TOTAL	2266	224237	169426	12534	4160	14227	224	55561	242656	269691	79675	2764	1077421
ABOVE BONNEVILLE DAM													
FISH:													
Salmon, chinook.....	0	380	27029	4626	0	0	0	0	305469	70	0	0	337574
Salmon, coho.....	0	81	0	0	0	0	0	0	3307	60	0	0	3448
Steelhead.....	0	8757	26813	1434	0	0	0	0	37549	9	0	0	74562
Sturgeon, white.....	584	10266	6001	2838	9986	490	0	13890	5519	8077	3428	1806	62885
TOTAL	584	19484	59843	8898	9986	490	0	13890	351844	8216	3428	1806	478469
TOTAL	2850	243721	229269	21432	14146	14717	224	69451	594500	277907	83103	4570	1555890

1/ OREGON LANDINGS ONLY.

FEBRUARY 68%

TABLE 45. ESTIMATED VALUE (\$), AT THE FISHERMEN'S LEVEL, OF MONTHLY COMMERCIAL FISH AND SHELLFISH LANDINGS AT ASTORIA, 1981. 1/ 2/

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Cod, Pacific.....	1134	925	172	977	1720	2875	3324	4232	2429	2711	1119	8	21626
Flounder, arrowtooth.	189	497	2594	1379	22371	16130	32102	16422	9904	7539	694	1123	110944
Flounder, starry.....	24501	493	17434	10192	29314	29032	22603	17437	2657	7797	747	5	19212
Hake, Pac. (Whiting).	0	0	0	0	5421	4081	12015	2827	528	267	0	0	25139
Halibut, Pacific.....	0	0	0	0	0	90425	8637	3128	1217	0	0	0	102807
Lingcod.....	6438	10368	16704	7102	34822	24703	27426	18000	13340	20022	11603	829	191357
Rockfish (misc. spp.)	21936	25500	58390	106144	154603	172933	272754	212393	78521	184369	50092	3278	1320913
Rockfish, Widow.....	144394	67330	126519	117527	29330	11064	0	1680	9045	58381	76602	0	641872
Pac. Oc. perch.....	25963	19200	27859	24830	30154	17387	36628	35189	18482	28165	7760	1551	273168
Sablefish.....	3662	1944	11798	8337	43170	44858	78215	30198	8735	38851	1882	2172	273822
Salmon, chinook.....	0	0	0	0	246954	8730	51172	16444	667	784	0	0	324751
Salmon, coho.....	0	0	0	0	0	0	306048	111325	0	0	0	0	417373
Salmon, pink.....	0	0	0	0	0	37	4551	5386	0	0	0	0	9974
Sanddab, Pacific.....	2128	3110	3314	2766	10376	4586	12869	4132	3933	9668	645	233	57760
Shad, American.....	0	0	0	0	0	0	0	0	0	0	39	0	39
Shark, soupfin.....	107	150	23	0	20	102	41	156	110	35	0	0	744
Shark, spiny dogfish.	0	199	165	141	124	0	0	0	0	19	0	0	648
Shark, other.....	0	0	0	83	0	0	0	36	0	0	0	0	119
Skates and Rays.....	0	972	353	1205	926	1406	339	22	0	13	11	0	5247
Sole, butter.....	0	0	0	16	12	28	25	51	55	131	0	0	318
Sole, Dover.....	42640	28433	97490	67315	68098	52121	77964	82676	65923	60824	19584	13004	676072
Sole, English.....	14048	19457	10017	13985	31892	16211	37800	35737	26867	14927	7585	401	228927
Sole, flathead.....	0	0	0	9	1281	1167	590	22	2	1	0	0	3072
Sole, petrale.....	31000	57979	44490	19142	54368	18738	9480	19231	32015	33339	40694	2828	363524
Sole, rex.....	11517	35822	19925	11113	28558	14309	33962	42120	27163	29710	9361	337	263897
Sole, rock.....	0	0	0	0	0	0	55	51	0	64	0	0	170
Sole, sand.....	507	2683	9128	15853	17250	24441	77572	35090	14166	11028	344	162	208224
Sturgeon, green.....	0	0	22	105	410	312	394	39	0	34	8	0	1324
Sturgeon, white.....	0	0	33	192	514	80	334	219	0	0	0	0	1372
Surfperch.....	0	0	0	0	0	0	0	0	0	8	0	0	8
Tuna, albacore.....	0	0	0	0	0	0	228859	2453711	566496	168453	51018	0	3468537
Miscellaneous.....	0	0	0	0	0	0	0	67	67	0	0	0	134
CRUSTACEANS:													
Crab, Dungeness, Oc..	153831	83900	69886	102267	48300	22462	38140	59377	34220	0	0	280691	893074
Shrimp, ghost (sand).	0	5	26	41	134	0	88	41	23	13	0	0	371
Shrimp, pink.....	0	0	0	418563	931400	593070	771224	552078	404073	291954	0	0	3962362
MOLLUSKS:													
Clams, razor.....	1389	740	1294	1001	1163	425	1196	17	1359	12675	9808	3900	34967
Mussels.....	96	339	566	255	783	79	176	0	61	112	55	0	2522
Scallop, Weathervane.	0	0	0	0	167660	477503	562549	290102	32186	33557	31477	0	1595034
TOTAL	485480	360046	518202	930560	1961128	1649295	2708532	4049636	1354244	1015451	301128	310522	15644224

1/ OCEAN LANDINGS ONLY; SEE TABLE 44 FOR COLUMBIA RIVER LANDINGS.
2/ INCLUDES LANDINGS AT WARRENTON, HAMMOND, GEARHART, AND SEASIDE.

TABLE 46. ESTIMATED VALUE (\$), AT THE FISHERMEN'S LEVEL, OF MONTHLY COMMERCIAL FISH AND SHELLFISH LANDINGS AT NEHALEM BAY, 1981.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
CRUSTACEANS:													
Shrimp, ghost (sand).	0	0	757	4116	0	0	0	0	0	0	0	0	4873
TOTAL			757	4116									4873

TABLE 47. ESTIMATED VALUE (\$), AT THE FISHERMEN'S LEVEL, OF MONTHLY COMMERCIAL FISH AND SHELLFISH LANDINGS AT TILLAMOOK BAY, 1981.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Cod, Pacific.....	0	0	0	0	0	0	1	0	0	0	0	0	1
Flounder, arrowtooth.	377	956	0	21	38	0	0	0	37	0	0	0	1429
Halibut, Pacific.....	0	0	0	0	0	0	258	39	0	0	0	0	297
Lingcod.....	0	61	11	179	229	147	278	266	348	166	0	26	1711
Rockfish (misc. spp.)	12	0	22	1033	2007	648	1351	1227	439	258	0	3	7000
Rockfish, Widow.....	0	0	0	0	1557	0	0	0	0	0	0	0	1557
Pac. Oc. perch.....	659	609	0	154	779	586	181	99	157	17	0	0	3241
Sablefish.....	154	178	0	3	60	282	177	96	91	0	0	0	1041
Salmon, chinook.....	0	0	0	0	9998	0	68040	39572	5199	1241	0	0	124050
Salmon, coho.....	0	0	0	0	0	0	341204	141289	0	0	0	0	482493
Salmon, pink.....	0	0	0	0	6	0	3758	14792	0	0	0	0	18556
Sanddab, Pacific.....	0	0	0	0	0	0	0	0	0	0	0	14	14
Shark, other.....	0	0	0	0	0	0	0	0	0	6	0	0	6
Sole, Dover.....	706	1372	0	120	231	107	40	24	223	6	0	0	2829
Sole, English.....	3	0	0	0	0	0	0	0	0	0	0	53	56
Sole, flathead.....	22	0	0	0	0	0	0	0	0	0	0	0	22
Sole, Petrale.....	84	205	0	33	124	115	15	0	9	0	0	60	645
Sole, rex.....	373	167	0	0	19	11	26	5	13	0	0	19	633
Sole, rock.....	0	0	0	0	2	0	0	0	0	0	0	0	2
Tuna, albacore.....	0	0	0	0	0	0	24890	24675	0	0	0	0	49565
CRUSTACEANS:													
Crab, Dungeness, Bay.	0	0	0	0	99	191	1098	1023	429	3210	1691	10	7751
Crab, Dungeness, Oc..	83851	33956	35526	44371	33059	13205	15865	21056	11461	0	0	43685	336035
Shrimp, ghost (sand).	5922	2788	2336	2050	1407	7626	8710	3209	689	9590	2680	1742	48749
Shrimp, pink.....	0	0	0	110801	270699	112271	84214	44747	31846	17072	0	0	671650
MOLLUSKS:													
Clams, butter.....	0	0	10	4	0	0	32	0	0	0	0	0	46
Clams, cockle.....	0	0	125	146	179	458	43	0	0	0	0	0	951
Clams, littleneck....	0	0	18	10	0	51	0	0	0	0	0	0	79
Mussels.....	383	476	721	1497	0	0	0	0	0	0	0	0	3077
Octopus.....	32	0	0	0	0	0	0	0	21	0	0	0	53
Scallop, Weathervane.	0	0	0	0	0	2509	12323	1041	2549	540	0	0	18962
TOTAL	92578	40768	38769	160422	320493	138207	562504	293160	53511	32106	4371	45612	1782501

TABLE 48. ESTIMATED VALUE (\$), AT THE FISHERMEN'S LEVEL, OF MONTHLY COMMERCIAL FISH AND SHELLFISH LANDINGS AT NETARTS BAY, 1981.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
CRUSTACEANS:													
Crab, Dungeness, Bay.	916	738	4	0	0	0	0	0	76	1269	2140	307	5450
Shrimp, ghost (sand).	0	0	24	28	55	49	38	14	102	50	0	0	360
TOTAL	916	738	28	28	55	49	38	14	178	1319	2140	307	5810

TABLE 49. ESTIMATED VALUE (\$), AT THE FISHERMEN'S LEVEL, OF MONTHLY COMMERCIAL FISH AND SHELLFISH LANDINGS AT PACIFIC CITY, 1981.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Halibut, Pacific.....	0	0	0	0	0	82	828	0	0	0	0	0	910
Lingscod.....	0	48	68	85	1561	1094	780	887	161	98	174	0	4956
Mackerel.....	0	0	0	0	0	0	0	2	0	0	0	0	2
Rockfish (misc. spp.)	0	0	5	314	1703	3279	728	3354	35	30	3	0	9451
Sablefish.....	0	0	0	0	0	0	9	2	0	0	0	0	11
Salmon, chinook.....	0	0	0	0	58	0	42955	32520	576	763	0	0	76872
Salmon, coho.....	0	0	0	0	0	0	334942	300005	0	0	0	0	634947
Salmon, pink.....	0	0	0	0	0	0	12339	27477	0	0	0	0	39816
Sole, petrale.....	0	0	0	0	0	0	0	1	0	0	0	0	1
Sole, sand.....	0	0	0	0	0	1	0	0	0	0	0	0	1
Tuna, albacore.....	0	0	0	0	0	0	0	467	0	0	0	0	467
CRUSTACEANS:													
Crab, Dungeness, Bay.	0	0	0	0	0	290	487	49	0	0	0	0	834
Crab, Dungeness, Oc..	412	650	583	2232	618	498	240	57	0	0	0	0	5290
Shrimp, ghost (sand).	0	0	0	5	0	0	0	15	180	0	0	103	303
TOTAL	412	698	656	2636	3940	5252	393308	364836	952	891	177	103	773861

TABLE 50. ESTIMATED VALUE (\$), AT THE FISHERMEN'S LEVEL, OF MONTHLY COMMERCIAL FISH AND SHELLFISH LANDINGS AT SILETZ BAY, 1981.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Rockfish (misc. spp.)	0	0	0	0	0	0	0	0	31	0	0	0	31
Salmon, coho.....	0	0	0	0	0	0	0	228	0	0	0	0	228
Salmon, pink.....	0	0	0	0	0	0	0	9	0	0	0	0	9
CRUSTACEANS:													
Shrimp, ghost (sand).	0	0	0	0	0	109	132	137	155	0	0	0	533
TOTAL						109	132	374	186				801

TABLE 51. ESTIMATED VALUE (\$), AT THE FISHERMEN'S LEVEL, OF MONTHLY COMMERCIAL FISH AND SHELLFISH LANDINGS AT DEPOE BAY, 1981.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Cabezon.....	0	0	0	0	4	0	0	0	0	0	0	0	4
Flounder, arrowtooth.	0	0	0	0	0	0	2	0	0	0	0	0	2
Halibut, Pacific.....	0	0	0	0	0	0	321	0	0	0	0	0	321
Lingscod.....	0	0	0	36	23	0	49	18	0	0	101	0	227
Rockfish (misc. spp.)	0	0	23	0	219	0	387	125	0	0	5	0	759
Salmon, chinook.....	0	0	0	0	874	0	20209	14021	277	0	0	0	35381
Salmon, coho.....	0	0	0	0	0	0	107472	152958	0	0	0	0	260430
Salmon, pink.....	0	0	0	0	0	0	2558	3762	0	0	0	0	6320
Sole, petrale.....	0	0	0	0	0	0	5	0	0	0	0	0	5
Tuna, albacore.....	0	0	0	0	0	0	9008	3105	0	0	0	0	12113
CRUSTACEANS:													
Crab, Dungeness, Oc..	36614	23067	21935	24646	15606	2419	1134	0	0	0	0	15373	140794
MOLLUSKS:													
Mussels.....	0	0	0	0	1321	1358	1576	982	1068	1400	1289	895	9889
TOTAL	36614	23067	21958	24682	18047	3777	142721	174971	1345	1400	1395	16268	466245

TABLE 52. ESTIMATED VALUE (\$), AT THE FISHERMEN'S LEVEL, OF MONTHLY COMMERCIAL FISH AND SHELLFISH LANDINGS AT NEWPORT, 1981.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Cabezon.....	1	0	16	18	0	3	16	0	6	0	0	12	72
Cod, Pacific.....	1560	33	20	20	950	342	159	56	12	38	1	0	3191
Flounder, arrowtooth.	98	136	375	112	265	567	877	682	576	809	127	11	4635
Flounder, starry.....	792	585	292	97	294	416	405	935	1290	683	290	65	6144
Halibut, Pacific.....	0	0	0	0	0	25770	14077	5827	758	0	0	0	46432
Herring, Pacific.....	0	0	35110	0	0	0	0	0	0	0	0	0	35110
Linscod.....	6665	3661	7838	4440	8861	29223	41588	13066	9232	23397	9483	2122	159576
Rockfish (misc. spp.)	17913	42490	63344	69516	89775	116010	42090	98310	60198	83253	32734	26672	742305
Rockfish, Widow.....	265319	250490	437067	213654	181227	124308	221772	271056	205422	177305	226999	104651	2679270
Pac. Oc. perch.....	12710	17401	38500	34059	41660	43896	44761	37662	22634	38747	26431	18690	377151
Sablefish.....	3755	11367	9676	22661	32617	66441	38057	47635	58842	68360	5355	10751	375517
Salmon, chinook.....	0	0	0	0	209620	7889	249839	274140	7498	16540	0	0	765526
Salmon, chum.....	0	0	0	0	0	0	5	0	0	0	0	0	5
Salmon, coho.....	0	0	0	0	0	0	482178	1018703	0	0	0	0	1500881
Salmon, pink.....	0	0	0	0	72	0	13296	41746	0	0	0	0	55114
Sanddab, Pacific.....	302	974	107	787	407	520	902	225	331	1466	1189	702	7912
Shark, soupfin.....	8	9	23	0	0	7	5	0	0	0	0	37	89
Shark, spiny dogfish.	0	0	0	0	3	2	1	0	16	15	0	3	40
Shark, other.....	0	337	128	0	60	4	4	0	0	0	0	0	533
Skates and Rays.....	0	0	0	5	2	0	6	0	1	77	558	22	671
Sole, butter.....	126	95	92	15	45	58	0	0	39	134	30	0	634
Sole, curlfin(turbot)	0	15	0	0	0	0	0	0	0	0	0	0	15
Sole, Dover.....	33153	20582	12779	41908	44105	40826	47300	76141	69462	109088	59229	25304	579877
Sole, English.....	20846	11386	6955	4696	6274	11276	10028	11175	11888	18110	8760	4505	125899
Sole, petrale.....	25887	31557	26086	11866	25978	77739	39714	34319	26440	35454	13951	11801	360792
Sole, rex.....	8524	5218	2745	434	1870	971	2007	6338	5015	5589	2260	2650	43621
Sole, rock.....	0	150	0	26	290	972	407	1463	482	1013	1	0	4804
Sole, sand.....	3141	2338	643	547	1737	4085	3655	8439	8604	7183	2014	482	42868
Sturleon, green.....	12	72	19	115	47	105	23	7	0	41	37	0	478
Sturleon, white.....	0	0	0	0	0	0	0	0	0	0	0	209	209
Surfperch.....	0	0	0	9	7	8	0	0	0	0	0	56	80
Tuna, albacore.....	0	0	0	0	0	0	423276	482887	123002	122255	55593	0	1207013
Wolf-eel.....	0	56	49	322	168	126	63	67	161	0	0	0	1012
CRUSTACEANS:													
Crab, Dungeness, Bay.	0	18	4	7	8	0	0	107	0	0	0	0	144
Crab, Dungeness, Oc..	423974	200172	144853	136933	48275	38822	26949	22574	9574	0	0	566238	1618364
Crab, rock.....	0	4	0	3	0	0	0	0	0	0	0	0	7
Shrimp, ghost (sand).	314	247	1272	178	1684	149	934	1916	1524	783	0	0	9001
Shrimp, pink.....	0	0	0	1015879	980986	460607	328123	287549	225106	231037	0	0	3529287
MOLLUSKS:													
Clams, cockle.....	0	0	0	10	0	20	0	14	0	0	0	0	44
Octopus.....	183	94	25	0	87	81	64	26	38	51	0	27	676
Scallops, Weathervane.	0	0	0	0	0	98780	45339	36966	5710	71378	0	0	258173
Squid.....	0	0	0	0	0	0	0	0	0	0	45	0	45
TOTAL	825283	599487	788018	1558317	1677374	1150023	2077920	2780031	853861	1012806	445087	775010	14543217

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TABLE 53. ESTIMATED VALUE (\$), AT THE FISHERMEN'S LEVEL, OF MONTHLY COMMERCIAL FISH AND SHELLFISH LANDINGS AT WALDPOR, 1981.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Salmon, chinook.....	0	0	0	0	26	0	0	0	0	0	0	0	26
CRUSTACEANS:													
Crab, Dungeness, Bay.	0	0	96	0	168	47	5	0	1062	3442	1398	0	6218
Shrimp, ghost (sand).	0	0	0	645	324	160	214	175	129	21	0	0	1668
TOTAL			96	645	518	207	219	175	1191	3463	1398		7912

TABLE 54. ESTIMATED VALUE (\$), AT THE FISHERMEN'S LEVEL, OF MONTHLY COMMERCIAL FISH AND SHELLFISH LANDINGS AT FLORENCE, 1981.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Lincod.....	0	0	0	0	0	0	3	0	0	0	0	0	3
Rockfish (misc. spp.)	0	0	0	0	37	0	49	68	0	0	0	0	154
Salmon, chinook.....	0	0	0	0	8254	0	47508	14923	0	97	0	0	70782
Salmon, coho.....	0	0	0	0	0	0	106632	80825	0	0	0	0	187457
Salmon, pink.....	0	0	0	0	0	0	85	1732	0	0	0	0	1817
Shad, American.....	0	0	0	0	272	1129	0	0	0	0	0	0	1401
Tuna, albacore.....	0	0	0	0	0	0	7691	13545	0	0	0	0	21236
CRUSTACEANS:													
Crab, Dungeness, Oc..	456	943	3585	5967	4647	6130	1721	2785	3722	0	0	534	30490
Shrimp, ghost (sand).	0	13	0	0	26	52	114	0	22	0	0	0	227
MOLLUSKS:													
Clams, softshell.....	0	0	0	135	4	0	223	0	41	0	0	0	403
Mussels.....	0	0	0	0	137	0	0	0	0	0	0	0	137
Scallop, Weathervane.	0	0	0	0	0	150	0	0	0	0	0	0	150
TOTAL	456	956	3585	6102	13377	7461	164026	113878	3785	97		534	314257

TABLE 55. ESTIMATED VALUE (\$), AT THE FISHERMEN'S LEVEL, OF MONTHLY COMMERCIAL FISH AND SHELLFISH LANDINGS AT WINCHESTER BAY, 1981.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Cod, Pacific.....	0	0	0	0	0	28	0	0	0	0	0	0	28
Flounder, arrowtooth.	0	0	0	0	0	0	4	0	4	0	0	0	8
Flounder, starry.....	0	9	2	1	2	0	0	0	0	14	3	0	31
Halibut, Pacific.....	0	0	0	0	0	598	3290	2200	638	0	0	0	6726
Herrins, Pacific.....	0	0	0	0	116	165	4107	12193	4809	711	0	0	22101
Lincod.....	58	208	353	73	1030	448	917	1205	1123	222	173	0	5810
Rockfish (misc. spp.)	57	893	576	1232	3962	1649	803	564	664	1109	159	0	11668
Rockfish, Widow.....	3519	5407	0	0	0	0	0	0	20747	0	0	0	29673
Pac. Oc. perch.....	62	284	0	85	101	0	28	120	2	0	0	0	682
Sablefish.....	14	99	312	355	1020	127	652	1573	758	1592	118	0	6620
Salmon, chinook.....	0	0	0	0	3233	0	69673	22643	1556	160	0	0	97265
Salmon, coho.....	0	0	0	0	0	0	270687	193667	0	0	0	0	464354
Salmon, pink.....	0	0	0	0	0	0	2307	11707	0	0	0	0	14014
Sanddab, Pacific.....	163	929	48	104	551	78	78	33	56	56	423	0	2519
Shad, American.....	0	0	0	0	764	7268	693	0	0	0	0	0	8725
Shark, soupfin.....	0	0	0	0	0	0	0	0	12	0	0	0	12
Smelt.....	0	6	0	0	0	0	0	0	0	0	0	0	6
Sole, Dover.....	425	496	2087	4608	8360	7829	10571	9361	18047	9488	1903	0	73175
Sole, English.....	292	1004	276	60	388	542	394	169	309	348	249	0	4031
Sole, Petrale.....	615	3514	1346	328	1281	1224	1237	1284	1263	1733	995	0	14820
Sole, rex.....	75	724	207	414	919	136	4	100	230	334	235	0	3378
Sole, sand.....	0	133	73	0	0	0	0	0	0	88	0	0	294
Sturgeon, Green.....	0	0	0	0	30	164	375	0	0	0	0	0	569
Tuna, albacore.....	0	0	0	0	0	0	150868	87233	11898	0	0	0	249999
Wolf-eel.....	0	0	0	0	0	0	0	0	423	0	0	0	423
CRUSTACEANS:													
Crab, Dungeness, Oc..	98893	75559	33957	46590	28076	6928	3340	7454	5939	0	0	238091	544827
Shrimp, ghost (sand).	0	0	0	0	0	0	0	8	0	0	0	0	8
Shrimp, pink.....	0	0	0	101224	53907	15073	11153	0	0	0	0	0	181357
MOLLUSKS:													
Clams, butter.....	0	0	0	0	0	0	0	0	50	0	0	0	50
Clams, littleneck....	0	0	0	0	20	12	30	0	0	0	0	0	62
Scallop, Weathervane.	0	0	0	0	4183	75425	623	1323	0	72	0	9292	90918
TOTAL	104173	89265	39237	155074	107943	117694	531834	352837	68528	15927	4258	247383	1834153

TABLE 56. ESTIMATED VALUE (\$), AT THE FISHERMEN'S LEVEL, OF MONTHLY COMMERCIAL FISH AND SHELLFISH LANDINGS AT COOS BAY, 1981.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Cod, Pacific.....	0	0	0	0	0	7	4	0	0	0	0	0	11
Flounder, arrowtooth.	28	0	13	29	0	214	1	0	0	0	0	0	285
Flounder, starry.....	1675	2472	137	90	2777	9228	3793	4808	1998	13	22	0	27013
Halibut, Pacific.....	0	0	0	0	0	1699	265	176	600	0	0	0	2740
Lingscod.....	3454	2045	8846	5637	5857	9888	12558	17292	12181	8651	4084	762	91255
Rockfish (misc. spp.)	31073	40995	30293	36175	50890	49306	83744	78116	50257	31944	30124	7936	520853
Rockfish, Widow.....	98755	89396	117555	44878	29685	22134	43905	86828	52991	26839	58765	14518	686249
Pac. Oc. perch.....	1149	3584	798	1645	19813	2745	2780	2384	2055	546	894	1514	39907
Sablefish.....	27794	62052	10143	32717	71900	43932	26992	20304	24012	32428	22840	5324	380438
Salmon, chinook.....	0	0	0	0	51562	1504	125582	297283	34439	33522	1263	0	545155
Salmon, coho.....	0	0	0	0	0	0	373580	563297	0	0	0	0	936877
Salmon, pink.....	0	0	0	0	0	0	16240	53273	0	0	0	0	69513
Sanddab, Pacific.....	256	97	458	941	18	342	926	1663	10	4	0	0	4715
Shark, soupfin.....	54	48	3	0	0	0	0	21	0	0	0	0	126
Skates and Rays.....	0	0	239	462	0	6	0	0	0	0	0	0	707
Smelt.....	0	99	0	0	0	0	0	0	0	0	0	0	99
Sole, butter.....	0	0	0	3	132	747	200	0	0	0	12	0	1094
Sole, curffin(turbot)	0	0	0	6	392	138	1101	175	80	0	0	0	1892
Sole, Dover.....	16045	55220	88989	72807	103760	99522	112080	133072	102687	72308	59952	40782	957224
Sole, English.....	1186	1252	3318	2346	3079	4745	6817	9263	8025	3526	1350	361	45268
Sole, petrale.....	28238	26583	23654	12735	10883	13433	22785	31063	19520	11217	8556	12329	220996
Sole, rex.....	6735	6293	3734	3567	6150	6673	4099	6081	1960	1272	2912	1755	51231
Sole, rock.....	0	0	13	0	0	0	1312	254	29	0	294	0	1902
Sole, sand.....	155	177	119	116	5272	9343	26178	15196	9788	111	47	0	66502
Sturgeon, green.....	0	0	0	0	382	255	496	136	17	0	0	0	1286
Surfperch.....	5	0	0	0	0	0	0	0	0	0	0	0	5
Tuna, albacore.....	0	0	0	0	0	0	726395	525247	255528	38419	0	0	1545589
CRUSTACEANS:													
Crab, Dungeness, Bay.	186	0	0	0	0	0	56	55	225	1328	1450	112	3412
Crab, Dungeness, Oc..	245714	153078	90640	80130	31116	14811	8251	16025	10359	0	0	585415	1235539
Shrimp, ghost (sand).	7	71	123	55	30	39	99	65	46	16	22	11	584
Shrimp, pink.....	0	0	0	1852310	787981	387361	95852	524295	263064	232884	0	0	4143747
MOLLUSKS:													
Clams, butter.....	0	0	0	0	0	0	0	11	102	162	197	95	567
Clams, cockle.....	0	0	0	0	0	0	117	0	19	4	2	0	142
Clams, sapper.....	0	0	0	0	0	0	10	753	4076	7233	6885	2412	21369
Clams, littleneck....	0	62	802	769	1413	431	615	339	403	144	37	37	5052
Mussels.....	0	0	0	17	0	0	0	0	0	0	0	0	17
Octopus.....	85	364	102	6	28	63	59	56	0	0	0	0	763
Scallop, Weathervane.	0	0	0	106993	610151	1076296	257832	281155	157019	133884	33350	33589	2690269
TOTAL	462594	443888	379976	2254437	1793271	1754862	1954724	2668686	1011490	636455	233058	706952	14300393

TABLE 57. ESTIMATED VALUE (\$), AT THE FISHERMEN'S LEVEL, OF MONTHLY COMMERCIAL FISH AND SHELLFISH LANDINGS AT RANDON, 1981.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Flounder, starry.....	0	0	0	0	0	0	0	356	0	0	0	0	356
Halibut, Pacific.....	0	0	0	0	0	0	0	18	0	0	0	0	18
Lingscod.....	0	0	0	0	0	0	5	25	0	0	0	0	30
Rockfish (misc. spp.)	0	0	0	0	340	39	71	172	0	0	0	0	622
Sablefish.....	0	0	84	316	984	1303	0	0	0	0	0	0	2687
Salmon, chinook.....	0	0	0	0	21	0	5441	68059	0	0	0	0	73521
Salmon, coho.....	0	0	0	0	0	0	24516	49783	0	0	0	0	74299
Salmon, pink.....	0	0	0	0	0	0	2089	2994	0	0	0	0	5083
Sole, English.....	0	0	0	0	0	0	0	144	0	0	0	0	144
Sole, petrale.....	0	0	0	0	0	0	0	50	0	0	0	0	50
Sole, sand.....	0	0	0	0	0	0	0	742	0	0	0	0	742
Tuna, albacore.....	0	0	0	0	0	0	1452	0	0	0	0	0	1452
CRUSTACEANS:													
Shrimp, pink.....	0	0	0	0	247	0	0	0	0	0	0	0	247
TOTAL			84	316	1592	1342	33574	122343					159251

TABLE 58. ESTIMATED VALUE (\$), AT THE FISHERMEN'S LEVEL, OF MONTHLY COMMERCIAL FISH AND SHELLFISH LANDINGS AT PORT ORFORD, 1981.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Lingscod.....	228	1200	206	18	300	507	83	583	966	831	802	0	5724
Rockfish (misc. spp.)	181	564	176	125	2090	2325	506	2488	4746	1839	3752	0	18792
Sablefish.....	0	238	217	0	0	155	0	0	0	0	0	0	610
Salmon, chinook.....	0	0	0	0	14968	0	58281	150243	24510	20287	13166	0	281455
Salmon, coho.....	0	0	0	0	0	0	99339	149450	0	0	0	0	248789
Salmon, pink.....	0	0	0	0	0	0	4017	13095	0	0	0	0	17112
Shark, spiny dogfish.	0	0	12	0	0	0	0	0	0	0	0	0	12
Skates and Rays.....	0	20	0	0	0	0	0	0	0	0	0	0	20
Sturgeon, green.....	0	0	4	0	0	0	0	0	0	0	0	0	4
Tuna, albacore.....	0	0	0	0	0	0	13441	43760	0	0	0	0	57201
CRUSTACEANS:													
Crab, Dungeness, Oc..	136201	52329	55527	69576	38434	11312	1664	380	20443	0	0	251580	637446
Shrimp, pink.....	0	0	0	0	1997	0	0	0	0	0	0	0	1997
MOLLUSKS:													
Octopus.....	0	0	131	306	79	10	0	0	0	0	0	26	552
Scallop, Weathervane.	0	0	0	0	0	218	908	0	0	0	0	0	1126
TOTAL	136610	54351	56273	70025	57868	14527	178239	359999	50665	22957	17720	251606	1270840

TABLE 59. ESTIMATED VALUE (\$), AT THE FISHERMEN'S LEVEL, OF MONTHLY COMMERCIAL FISH AND SHELLFISH LANDINGS AT GOLD BEACH, 1981.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Lincod.....	0	0	0	0	33	7	24	330	195	0	0	0	589
Rockfish (misc. spp.)	0	0	0	0	3	280	74	730	342	0	0	0	1429
Salmon, chinook.....	0	0	0	0	1322	0	4613	112871	1163	193	0	0	120162
Salmon, coho.....	0	0	0	0	0	0	1119	47813	0	0	0	0	48932
Salmon, pink.....	0	0	0	0	0	0	119	3973	0	0	0	0	4092
Sole, Dover.....	0	0	0	0	0	0	0	17	0	0	0	0	17
Sole, English.....	0	0	0	0	0	0	0	77	0	0	0	0	77
Sole, petrale.....	0	0	0	0	0	0	95	97	0	0	0	0	192
Sole, rex.....	0	0	0	0	0	0	0	12	0	0	0	0	12
Tuna, albacore.....	0	0	0	0	0	0	6700	1134	0	0	0	0	7834
CRUSTACEANS:													
Crab, Dungeness, Oc..	0	0	0	0	0	0	76	34	0	0	0	0	110
Shrimp, pink.....	0	0	0	0	926	0	0	0	0	0	0	0	926
MOLLUSKS:													
Scallop, Weathervane.	0	0	0	0	0	263	0	0	0	0	0	0	263
TOTAL					2284	550	12820	167088	1700	193			184635

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TABLE 60. ESTIMATED VALUE (\$), AT THE FISHERMEN'S LEVEL, OF MONTHLY COMMERCIAL FISH AND SHELLFISH LANDINGS AT BROOKINGS, 1981.

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH:													
Flounder, arrowtooth.	0	252	551	551	470	422	123	259	18	7	0	0	2653
Flounder, starry.....	71	65	45	37	145	89	124	820	201	165	172	0	1884
Lincod.....	435	1582	1197	888	1952	8589	5606	10862	12157	5078	1835	1085	51266
Rockfish (misc. spp.)	8774	20370	17858	32731	13820	32129	5938	29203	48469	33832	43872	14617	301613
Rockfish, Widow.....	0	0	0	0	23621	0	0	0	0	0	0	0	23621
Pac. Oc. perch.....	0	33	48	0	189	122	0	79	240	683	772	5	2171
Sablefish.....	85	1137	2433	1613	8336	5108	2014	7273	2276	990	1749	243	33257
Salmon, chinook.....	0	0	0	0	84115	544	91882	756194	286382	261909	39977	0	1521003
Salmon, coho.....	0	0	0	0	0	0	33050	250873	0	0	0	0	283923
Salmon, pink.....	0	0	0	0	5	0	7293	24111	0	0	0	0	31409
Sanddab, Pacific.....	877	2664	658	193	438	243	55	395	71	204	183	0	5981
Shark, soupfin.....	25	16	0	0	12	10	0	0	0	33	131	18	245
Skates and Rays.....	0	102	0	0	0	0	0	0	0	0	0	0	102
Sole, butter.....	757	769	579	4	14	0	0	0	0	71	0	0	2194
Sole, curlfin(turbot)	0	0	0	0	55	0	0	0	0	0	0	0	55
Sole, Dover.....	31	974	4224	12934	50490	35536	37149	67992	45669	9422	13912	1219	279552
Sole, English.....	1286	6914	7063	1895	3015	4206	7490	11692	9206	3277	2062	247	58353
Sole, petrale.....	554	7903	5438	2419	2251	7209	8881	19137	10145	1245	1157	153	66492
Sole, rex.....	109	5213	3975	2952	9601	6784	2267	5472	2441	852	1207	65	40938
Sole, sand.....	7223	2910	1593	108	792	73	299	233	822	3347	4300	58	21758
Tuna, albacore.....	0	0	0	0	0	0	21544	31751	1568	2022	226	0	57111
CRUSTACEANS:													
Crab, Dungeness, Oc..	169316	104031	54042	36524	11352	5687	413	1137	908	0	0	863060	1246470
Shrimp, pink.....	0	0	0	200473	196510	47900	23130	45490	23067	14483	0	0	551054
MOLLUSKS:													
Octopus.....	543	857	488	434	157	114	82	270	55	134	226	850	4210
Scallop, Weathervane.	0	0	0	0	0	1225	0	13348	1980	0	0	0	16553
TOTAL	190086	155792	100192	293756	407340	155990	247340	1276591	445676	337754	111731	881620	4603868

Table 61. Salmon (Numbers and Pounds) harvested by Oregon private salmon hatcheries, 1977-1981

	Chinook Adults	Chinook Jacks	Coho Adults	Coho Jacks	Chum
<u>1977</u>					
Number	56	3	3,624	545	429
Pounds	1,230	8	20,507	1,406	3,882
<u>1978</u>					
Number	213	31	8,069	6,557	539
Pounds	3,952	23	38,903	15,736	4,841
<u>1979</u>					
Number	271	145	47,726	1,445	14
Pounds	2,872	519	225,105	2,224	110
<u>1980</u>					
Number	752	2,642	27,856	15,639	545
Pounds	9,386	7,179	146,263	31,922	4,815
<u>1981</u>					
Number	2,588	2,499	98,681	19,098	477
Pounds	35,860	6,046	631,619	42,070	4,053

Table 62. Pounds of salmon harvested by Oregon private salmon hatcheries, 1981. ^{1/}

Species	March	April	May	June	July	August	September	October	November	December	January	February	Total
<u>Chinook</u>													
Adult...	--	--	172	1909	2556	1151	2857	18735	8380	72	28	--	35860
Jack....	--	--	12	270	3542	1540	113	455	114	--	--	--	6046
<u>Coho</u>													
Adult...	--	--	--	--	9	10090	233893	354627	32257	728	15	--	631619
Jack....	--	--	--	--	18	1279	16824	22859	1029	59	--	2	42070
<u>Chum</u>													
Adult...	--	--	--	--	12	14	12	54	3305	656	--	--	4053
<u>TOTAL</u>													
Adult...	--	0	172	1909	2577	11255	236762	373416	43942	1456	43	--	671532
Jack....	--	0	12	270	3560	2819	16937	23314	1143	59	--	2	48116

^{1/} Harvest reported from March through February of the following year.

TABLE 63. MONTHLY LANDINGS (POUNDS ROUND) OF CRAYFISH AND BRINE SHRIMP HARVESTED IN OREGON, 1981.

COUNTY/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
BAKER Crayfish	0	0	0	0	0	0	0	0	350	0	0	0	350
CLACKAMAS Crayfish	0	0	0	0	52	1853	9274	5430	3232	490	0	0	20331
CLATSOP Crayfish	0	0	0	0	16	919	139	0	281	748	0	0	2103
COLUMBIA Crayfish	0	0	0	0	335	3679	323	163	818	392	0	0	5710
CROOK Crayfish	0	0	0	0	0	0	1982	2519	3770	463	0	0	8734
CURRY Crayfish	0	0	0	0	0	0	0	0	501	0	0	0	501
DESCHUTES Crayfish	0	0	0	1849	3910	6634	6503	11733	7265	1525	0	0	39419
JEFFERSON Crayfish	0	0	0	0	180	600	0	0	0	515	0	0	1295
KLAMATH Crayfish	0	0	0	0	0	0	0	167	0	0	0	0	167
LAKE Shrimp, brine	0	0	0	0	0	0	1270	1625	1040	0	0	0	3935
LINCOLN Crayfish	0	0	0	0	31	317	17	0	0	0	0	0	365
MULTNOMAH Crayfish	0	0	0	0	61	2348	60	356	301	0	0	0	3126
TILLAMOOK Crayfish	0	0	0	0	0	0	0	30	0	0	0	0	30
WASHINGTON Crayfish	0	0	0	0	0	0	0	644	697	122	0	0	1463
YAMHILL Crayfish	0	0	0	0	0	30	80	90	110	0	0	0	310
TOTAL Crayfish	0	0	0	1849	4585	16380	18378	21132	17325	4255	0	0	83904
Shrimp, brine	0	0	0	0	0	0	1270	1625	1040	0	0	0	3935

Table 64. Oregon oyster production (gallons), 1972-81.

Bay/species	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981
<u>Tillamook Bay</u>										
Kumomoto oyster...	2062	1769	4089	1842	2212	665	0	0	0	6
Pacific oyster....	14466	14030	16407	15926	12559	20678	20166	15665	18912	22575
<u>Netarts Bay</u>										
Pacific oyster....	--	--	61	9	--	20	16	0	60	40
<u>Yaquina Bay</u>										
Kumomoto oyster...	1517	1522	1708	1038	986	728	477	2	1	0
Pacific oyster....	2861	5466	5080	6245	3938	5725	6214	8104	6240	7020
Native oyster.....	193	359	105	6	3	17 <u>1/</u>	77 <u>2/</u>	0	0	0
<u>Coos Bay</u>										
Pacific oyster....	866	1613	1741	1576	1068	1384	3196	3985	4135	4089
TOTAL	21965	24759	29191	26642	20766	29217	30146	27756	29348	33730

1/ Includes 16 gallons of Eastern oysters.

2/ Eastern oysters.

Commercial Food Fish Landings in Pounds Round Weight by State of Oregon
Administrative District for Calendar Year 1981

	Salmon				Steel- head	Sturgeon		Shad	Smelt	Crabs	Clams	Shrimp	Tuna ^{1/}	Ground- fish	Oysters ^{2/}	Scallops	Misc. ^{3/}	Total	
	Chinook	Coho	Sock- eye	Chum		Pink	Green												White
District 1																			
Cl. River (Zones 1-2-7)	238,145	295,657	-	10,128	17	-	1,333	154,886	5	1,251	-	-	-	7,431	-	-	92,505	801,358	
Astoria	148,620	309,939	-	-	13,912	-	4,557	2,173	310	-	911,437	22,516	8,060,623	4,022,732	26,114,369	-	4,810,332	340,758	44,762,278
Nehalem Bay	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4,731	4,731	
Tillamook	56,040	355,922	-	-	24,137	-	-	-	-	-	344,384	4,259	1,312,436	57,222	120,789	180,648	78,565	40,263	2,574,665
Netarts Bay	-	-	-	-	-	-	-	-	-	-	5,572	-	-	-	-	320	-	445	6,337
Pacific City	31,358	435,240	-	-	39,648	-	-	-	-	-	5,158	-	-	532	58,378	-	-	321	570,635
Total	474,163	1,396,758	-	10,128	77,714	-	5,890	157,059	315	1,251	1,266,551	26,775	9,373,059	4,080,486	26,300,967	180,968	4,888,897	479,023	48,720,004
District 2																			
Cl. River (Zones 3-4-5)	27,451	34,612	-	985	3	128	66	58,409	66,695	22,499	-	-	-	-	-	-	-	-	210,848
District 4																			
Siletz	-	159	-	-	8	-	-	-	-	-	-	-	-	100	-	-	-	517	784
Depoe Bay	15,135	180,046	-	-	8,876	-	-	-	-	-	132,074	-	-	14,065	4,371	-	-	9,314	363,881
Newport	332,899	1,046,375	-	5	76,627	-	1,517	200	-	-	1,631,149	128	7,000,469	1,395,918	34,262,642	56,160	857,056	102,420	46,763,565
Oldport	10	-	-	-	-	-	-	-	-	-	4,310	-	-	-	-	-	-	2,122	6,442
Total	348,044	1,226,580	-	5	85,511	-	1,517	200	-	-	1,767,533	128	7,000,469	1,409,983	34,267,113	56,160	857,056	114,373	47,134,672
District 5																			
Florence	30,557	125,682	-	-	2,766	-	-	-	7,006	-	22,376	684	-	24,636	778	-	396	612	215,493
District 6																			
Winchester Bay	43,310	315,010	-	-	21,243	-	783	-	43,616	15	564,378	100	347,662	283,067	807,004	-	235,944	57,411	2,719,543
District 7																			
Coos	245,387	626,194	-	-	99,959	-	1,714	-	248	1,299,921	69,536	8,130,959	1,786,345	16,878,420	32,712	7,578,739	2,118	36,752,252	
Bandon	32,710	47,563	-	-	6,645	-	-	-	-	-	-	475	1,685	15,832	-	-	-	-	104,910
Port Orford	125,149	164,046	-	-	24,708	-	20	-	-	665,154	-	3,768	65,821	124,187	-	2,669	2,078	1,177,600	
Gold Beach	54,734	32,628	-	-	6,173	-	-	-	-	88	-	1,780	9,089	10,024	-	632	-	115,148	
Brookings	694,386	184,285	-	-	47,780	-	-	-	-	1,398,031	-	1,065,417	65,778	4,193,944	-	39,437	8,485	7,697,543	
Total	1,152,366	1,054,716	-	-	185,265	-	1,734	-	248	3,363,194	69,536	9,202,399	1,928,718	21,222,407	32,712	7,621,477	12,681	45,847,453	
District 9																			
Cl. River (Zones 6-8-9)	364,678	3,199	-	-	-	60,932	-	64,455	-	-	-	-	-	-	-	-	-	-	493,264
Total Col. R.	630,274	333,468	-	11,113	20	61,060	1,399	277,750	66,700	23,750	-	-	-	7,431	-	-	-	92,505	1,505,470
Total Ocean	1,810,295	3,823,089	-	5	372,482	-	8,591	2,373	50,932	263	6,984,032	97,223	25,923,589	7,726,890	82,590,838	269,840	13,603,770	571,595	143,835,807
GRAND TOTAL	2,440,569	4,156,557	-	11,118	372,502	61,060	9,990	280,123	117,632	24,013	6,984,032	97,223	25,923,589	7,726,890	82,598,269	269,840	13,603,770	664,100	145,341,277

1/ Albacore was only species of tuna landed in 1981.

2/ Oyster harvest is reported in gallons and converted to pounds by multiplying by a factor of 8.0.

3/ Miscellaneous includes landings of crayfish, sand shrimp, brine shrimp, herring, mackerel, lamprey, octopus, anchovies, mussels, surf perch, and squid. Zones 1-2-7 includes statewide landings of lamprey (4,666 lb.); crayfish (83,904 lb); and brine shrimp (3,935 lb.) from Lake Abert.

Estimated Value in Thousands of Dollars at Fishermen's Level of Commercial Food Fish Landings
by State of Oregon Administrative District for Calendar Year 1982

	Salmon					Steel- head	Sturgeon		Shad	Smelt	Crabs	Clams	Shrimp	Tuna	Ground- fish	Oysters	Scallops	Misc. ^{1/}	Total
	Chinook	Coho	Sock- eye	Chum	Pink		Green	White											
District 1																			
Col. River (Zones 1-2-7)	\$ 407	\$ 327	\$-	\$6	\$-	\$-	\$-	\$167	\$-	\$-	\$-	\$-	\$-	\$ 1	\$-	\$-	\$104	\$ 1,012	
Astoria	325	418	-	-	10	-	1	-	-	-	893	35	3,962	3,469	4,949	-	1,595	3	15,661
Nehalem Bay	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	5
Tillamook	124	482	-	-	19	-	-	-	-	-	344	1	672	50	20	452	19	52	2,235
Netarts Bay	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	1	-	-	6
Pacific City	77	635	-	-	40	-	-	-	-	-	6	-	-	1	15	-	-	-	774
Total	\$ 933	\$1,862	\$-	\$6	\$ 69	\$-	\$1	\$168	\$-	\$-	\$1,248	\$36	\$ 4,634	\$3,520	\$ 4,985	\$453	\$1,614	\$164	\$19,693
District 2																			
Col. River (Zones 3-4-5)	\$ 50	\$ 38	\$-	\$1	\$-	\$-	\$-	\$ 60	\$18	\$2	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$ 169
District 4																			
Siletz	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$ 1	\$ 1
Depoe Bay	35	261	-	-	6	-	-	-	-	-	141	-	-	12	2	-	-	10	467
Newport	767	1,501	-	-	55	-	1	-	-	-	1,619	-	3,529	1,207	5,563	140	223	45	14,650
Waldport	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-	-	-	2	8
Total	\$ 802	\$1,762	\$-	\$-	\$ 61	\$-	\$1	\$-	\$-	\$-	\$1,766	\$-	\$ 3,529	\$1,219	\$ 5,565	\$140	\$ 223	\$ 58	\$15,126
District 5																			
Florence	\$ 71	\$ 187	\$-	\$-	\$ 2	\$-	\$-	\$-	\$ 1	\$-	\$ 30	\$ 1	\$-	\$ 21	\$-	\$-	\$-	\$ 1	\$ 314
District 6																			
Winchester Bay	\$ 97	\$ 464	\$-	\$-	\$ 14	\$-	\$1	\$-	\$ 9	\$-	\$ 545	\$-	\$ 181	\$ 250	\$ 139	\$-	\$ 91	\$ 22	\$ 1,813
District 7																			
Coos Bay	\$ 544	\$ 937	\$-	\$-	\$ 69	\$-	\$1	\$-	\$-	\$1	\$1,239	\$27	\$ 4,144	\$1,546	\$ 3,074	\$ 82	\$2,690	\$ 1	\$14,355
Bandon	74	74	-	-	5	-	-	-	-	-	-	-	-	1	5	-	-	-	159
Port Orford	282	249	-	-	17	-	-	-	-	-	637	-	2	57	25	-	1	1	1,271
Gold Beach	120	49	-	-	4	-	-	-	-	-	1	-	1	8	2	-	-	-	185
Brookings	1,521	284	-	-	31	-	-	-	-	-	1,246	-	551	57	893	-	17	4	4,604
Total	\$2,541	\$1,593	\$-	\$-	\$126	\$-	\$1	\$-	\$-	\$1	\$3,123	\$27	\$ 4,698	\$1,669	\$ 3,999	\$ 82	\$2,708	\$ 6	\$20,574
District 9																			
Col. River (Zones 6-8-9)	\$ 338	\$ 3	\$-	\$-	\$-	\$75	\$-	\$ 63	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$ 479
Total Col. R.	\$ 795	\$ 368	\$-	\$7	\$-	\$75	\$-	\$290	\$18	\$2	\$-	\$-	\$-	\$ 1	\$-	\$-	\$104	\$ 1,660	
Total Ocean	\$4,037	\$5,541	\$-	\$-	\$272	\$-	\$ 4	\$ 1	\$10	\$1	\$6,712	\$64	\$13,042	\$6,679	\$14,687	\$675	\$4,636	\$147	\$56,508
GRAND TOTAL	\$4,832	\$5,909	\$-	\$7	\$272	\$75	\$ 4	\$291	\$28	\$3	\$6,712	\$64	\$13,042	\$6,679	\$14,688	\$675	\$4,636	\$251	\$58,168

1/ Includes \$7 for sand shrimp, \$6 for herring, \$98 for crayfish, \$6 for octopus, \$2 for lamprey, and lesser amounts for other species.

TABLE 4. COMMERCIAL GROUND FISH LANDINGS (POUNDS ROUND) BY PORT IN OREGON, 1982

17122157 17 JAN 1984

SPECIES	COLUMBIA RIVER 1/	ASTORIA	YLLAMOOK	PACIFIC CITY	DEFOE BAY	NEWPORT	FLORENCE	WINCHESTER BAY	DOOS BAY	RAHGM	FORT GREGG	GOLD BEACH	BROOKINGS	OTHER 2/ LOCATIONS	TOTAL
Cod, Pacific.....	0	256983	285	0	0	3101	0	0	0	0	0	0	0	0	260319
Flounder, arrowtooth.	0	1264063	177419	0	0	136827	0	4920	15126	0	0	0	18854	0	1617209
Flounder, starry.....	1129	241058	3922	0	0	195795	0	224	32617	0	0	0	7065	0	481612
Hake, Pac. (Whiting).	0	3069	0	0	0	0	0	0	214	0	0	33	0	0	3316
Linseed.....	15	1002885	20088	19945	4710	1642405	0	37670	627376	469	42112	5417	410444	0	3213736
Rockfish (misc. spp.)	0	6213143	144615	102243	7785	8704725	417	138153	4396399	5191	170738	17689	2130621	58	32031780
Rockfish, Widow.....	0	2089812	0	0	0	16246016	0	0	398074	0	0	0	308085	0	19198987
Pac. Op. Perch.....	0	1188873	79943	0	0	2478566	0	8478	1745168	0	0	0	7102	0	5508130
Sablefish.....	0	2550386	196317	0	15386	4565848	0	642876	1957574	0	654930	379600	257599	0	11320816
Sanddab, Pacific.....	0	299366	683	0	0	173289	0	5311	23745	0	0	0	23306	0	526000
Shark, soupfin.....	0	7962	0	0	0	1939	0	0	386	0	0	0	794	0	11061
Shark, spine dogfish.	0	1726	0	0	0	364	0	0	0	0	0	0	0	0	2090
Shark, other.....	0	1807	0	100	0	5076	0	0	723	0	0	0	507	0	8213
Skates and Rays.....	0	899	30	0	0	3941	0	603	58045	0	0	0	371	0	63889
Sole, butter.....	0	7582	1073	0	0	5938	0	0	600	0	0	0	3985	0	19178
Sole, curlfin(turbot)	0	0	0	0	0	1767	0	0	7973	0	0	0	53	0	9793
Sole, Dover.....	0	4201609	468975	0	0	3435454	0	535700	8413750	0	0	0	893919	0	17951407
Sole, English.....	0	790975	17484	0	0	647314	0	38163	398767	0	0	0	294632	0	2187335
Sole, flathead.....	0	4585	84	0	0	1855	0	0	0	0	0	0	0	0	6524
Sole, petrale.....	0	951761	13377	6	0	1027240	0	58001	1140949	0	0	0	132509	0	3323843
Sole, rex.....	0	1199635	33287	0	0	251603	0	25536	258569	0	0	0	96961	0	1865611
Sole, rock.....	0	25	1142	0	0	64494	0	0	882	0	0	0	0	0	66542
Sole, sand.....	0	454809	9670	0	0	263659	0	5491	81529	0	0	0	41772	0	856930
TOTAL	1144	22734991	1168364	122294	27894	39257216	417	1501126	19515986	5660	867780	402739	4828883	58	90434542

1/ OREGON LANDINGS ONLY.

2/ LANDINGS AT NEHALEN BAY, NETARTS BAY, SILETZ BAY, WALDPORF AND BRINE SHRIMP FROM LAKE ABERT.

TABLE 42. ESTIMATED VALUE (\$) AT THE FISHERMEN'S LEVEL OF COMMERCIAL GROUND FISH LANDINGS BY PORT IN OREGON, 1982. 5 17 JAN 1984

SPECIES	COLUMBIA RIVER 1/	ASTORIA	TILLAMOOK	PACIFIC CITY	DEPUE BAY	NEWPORT	ELORENCE	WINCHESTER BAY	CODS BAY	BANDON	PORT OREGON	ROCK BEACH	BROOKINGS	OTHER 2/ LOCATIONS	TOTAL
Cod, Pacific.....	0	41579	59	0	0	738	0	0	0	0	0	0	0	0	42376
Flounder, arrowtooth.	0	129284	17257	0	0	14038	0	949	1513	0	0	0	1891	0	144932
Flounder, starry.....	145	59872	1039	0	0	48049	0	47	9434	0	0	0	2128	0	120726
Hake, Pac. (Whitina).	0	55	0	0	0	0	0	0	5	0	0	0	0	0	60
Linecod.....	3	239898	4926	4907	2064	244483	0	9574	148257	95	10647	1392	99477	0	767717
Rockfish (misc. spp.)	0	1158086	27773	20749	1824	1640919	99	30491	858705	1036	34219	3673	390027	18	4165621
Rockfish, Widow.....	0	331549	0	0	0	2592700	0	0	58085	0	0	0	77359	0	3359712
Pac. Cal. perch.....	0	342743	13956	0	0	446629	0	1689	223766	0	0	0	1414	0	1032197
Sablefish.....	0	541246	32493	0	5031	975715	0	153491	417330	0	141734	132193	44473	0	2465880
Sanddab, Pacific.....	0	87206	201	0	0	50172	0	1901	8243	0	0	0	8489	0	156212
Shark, soupfin.....	0	2538	0	0	0	896	0	0	264	0	0	0	522	0	4224
Shark, spiny dogfish.	0	113	0	0	0	58	0	0	0	0	0	0	0	0	171
Shark, other.....	0	882	0	48	0	3354	0	0	301	0	0	0	230	0	4815
Shales and Rees.....	0	184	8	0	0	853	0	151	14528	0	0	0	94	0	15816
Sole, butter.....	0	1582	235	0	0	1264	0	0	125	0	0	0	1050	0	4246
Sole, curlfin (turbot)	0	0	0	0	0	550	0	0	2420	0	0	0	18	0	2988
Sole, Dover.....	0	976261	105851	0	0	784865	0	125753	1983795	0	0	0	214315	0	4190843
Sole, English.....	0	253589	5559	0	0	202464	0	12360	129679	0	0	0	97232	0	700893
Sole, flathead.....	0	1437	26	0	0	577	0	0	0	0	0	0	0	0	2040
Sole, petrale.....	0	585244	7999	2	0	626465	0	35518	723392	0	0	0	51893	0	2060523
Sole, rex.....	0	380234	10186	0	0	77002	0	8893	89420	0	0	0	35045	0	600793
Sole, rock.....	0	8	355	0	0	21419	0	0	264	0	0	0	0	0	2246
Sole, sand.....	0	237830	5163	0	0	136634	0	2598	43107	0	0	0	21761	0	447093
TOTAL	148	5309413	235268	27706	8921	7870070	99	383437	4812627	1133	186602	137256	1079416	18	20052114

1/ OREGON LANDINGS ONLY.
 2/ LANDINGS AT NEHALEM BAY; NETARTS BAY; SILETZ BAY; AND WALDFORT.