

TABLE 25. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR FROM THE COLUMBIA RIVER, 1990. 1/

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
<u>BELOW BONNEVILLE DAM</u>													
<u>COL. R. GILLNET</u>													
FISH:													
Flounder, starry.....	0	675	1202	0	0	0	0	361	1533	69	0	0	3840
Salmon, chinook.....	0	129956	91478	0	0	0	0	151999	439444	93202	0	0	906079
Salmon, chum.....	0	0	0	0	0	0	0	0	11	3215	0	0	3226
Salmon, coho.....	0	0	0	0	0	0	0	1854	191363	115983	0	0	309200
Shad, American.....	0	0	0	0	158687	288388	0	0	0	0	0	0	447075
Smelt.....	1068	0	0	0	0	0	0	0	0	0	0	0	1068
Sturgeon, green.....	0	22	48	0	0	0	0	210	3913	667	0	0	4860
Sturgeon, white.....	0	6640	6358	0	0	0	0	41771	29334	12444	0	0	96547
TOTAL	1068	137293	99086	0	158687	288388	0	196195	665598	225580	0	0	1771895
TOTAL	1068	137293	99086	0	158687	288388	0	196195	665598	225580	0	0	1771895
<u>ABOVE BONNEVILLE DAM</u>													
<u>COL. R. SETNET</u>													
FISH:													
Salmon, chinook.....	0	0	35	0	0	0	0	169880	607219	39	0	0	777173
Salmon, coho.....	0	0	0	0	0	0	0	81	2648	0	0	0	2729
Steelhead.....	0	13498	15778	0	0	0	0	20725	92828	43	0	0	142872
Sturgeon, white.....	0	15466	8703	0	402	0	0	37334	10589	0	0	0	72494
Walleye.....	0	285	384	0	0	0	0	377	222	0	0	0	1268
TOTAL	0	29249	24900	0	402	0	0	228397	713506	82	0	0	996536
<u>COL. R. SETLINE</u>													
FISH:													
Sturgeon, white.....	474	67	83	3836	0	0	0	21	0	0	0	0	4481

TABLE 25. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR FROM THE COLUMBIA RIVER, 1990. 1/(CONT.)

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
TOTAL	474	67	83	3836	0	0	0	21	0	0	0	0	4481
<u>COL. R. DIPNET</u>													
FISH:													
Salmon, chinook.....	0	0	0	0	0	0	0	2660	8231	0	0	0	10891
Salmon, coho.....	0	0	0	0	0	0	0	36	1064	0	0	0	1100
Shad, American.....	0	0	0	0	0	427	0	0	0	0	0	0	427
Steelhead.....	0	0	0	0	0	0	0	9197	11433	0	0	0	20630
TOTAL	0	0	0	0	0	427	0	11893	20728	0	0	0	33048
TOTAL	474	29316	24983	3836	402	427	0	240311	734234	82	0	0	1034065
TOTAL	1542	166609	124069	3836	159089	288815	0	436506	1399832	225662	0	0	2805960

1/ OREGON LANDINGS ONLY

TABLE 26. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR AT ASTORIA, 1990. 1/ 2/

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
<u>TROLL</u>													
FISH:													
Lingcod.....	0	0	0	0	54	18	0	3	7	0	0	0	82
Mackeral.....	0	0	0	0	0	0	0	1185	302	0	0	0	1487
Rockfish, other spp...	0	0	0	0	285	0	4	1011	155	10	0	0	1465
Salmon, chinook.....	0	0	0	0	7172	1348	306	7345	11726	964	0	0	28861
Salmon, coho.....	0	0	0	0	0	0	102	31718	31940	2494	0	0	66254
Tuna, albacore.....	0	0	0	0	0	0	0	411948	357520	57872	0	0	827340
TOTAL	0	0	0	0	7511	1366	412	453210	401650	61340	0	0	925489
<u>FISH POT</u>													
FISH:													
Hagfish.....	0	0	0	476	956	0	0	0	0	0	0	0	1432
Sablefish.....	0	0	0	822	82079	233894	0	0	0	0	0	0	316795
TOTAL	0	0	0	1298	83035	233894	0	0	0	0	0	0	318227
<u>BOTTOM LONGLINE</u>													
FISH:													
Halibut, Pacific.....	0	0	0	0	120249	201423	0	111058	94869	0	0	0	527599
Lingcod.....	0	0	0	0	0	0	0	0	236	0	0	0	236
Rkfsh, Sebastolobus...	0	0	0	0	0	394	0	0	3179	0	0	3	3576
Rockfish, other spp...	0	0	0	0	0	4197	0	1445	505	0	0	320	6467
Sablefish.....	0	0	0	0	0	21349	0	64	56300	0	0	371	78084
TOTAL	0	0	0	0	120249	227363	0	112567	155089	0	0	694	615962

TABLE 26. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR AT ASTORIA, 1990. 1/ 2/

(CONT.)

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
<u>OTHER HOOK &amp; LINE</u>													
FISH:													
Cabezon.....	0	0	0	0	0	0	15	37	0	0	0	0	52
Greenling.....	0	0	0	0	0	0	3	0	0	0	0	0	3
Lingcod.....	0	0	0	0	0	0	291	184	0	0	0	0	475
Nominal POP.....	0	0	0	0	0	0	91	0	0	0	0	0	91
Rockfish, yellowtail..	0	0	0	0	0	0	9	0	0	0	0	0	9
Rockfish, other spp...	0	0	0	0	0	0	535	148	0	0	0	0	683
Irish Lord, Red.....	0	0	0	0	0	0	25	0	0	0	0	0	25
Shark, soupfin.....	0	0	0	0	0	0	33	0	0	0	0	0	33
Wolf-eel.....	0	0	0	0	0	0	28	23	0	0	0	0	51
MOLLUSKS:													
Octopus.....	0	0	0	0	0	0	28	0	0	0	0	0	28
TOTAL	0	0	0	0	0	0	1058	392	0	0	0	0	1450
<u>GROUND FISH TRAWL</u>													
FISH:													
Cod, Pacific.....	13221	4151	22015	30260	47181	85356	84325	108417	49919	11942	2932	4557	464276
Flounder, arrowtooth..	52285	64585	158586	95401	269425	334596	910928	734821	470000	150197	65226	61658	3367708
Flounder, starry.....	0	3841	14552	4114	5271	5461	81754	45063	19589	12113	4154	0	195912
Lingcod.....	42275	32438	25628	14253	38870	77061	73311	133830	190849	54622	12514	77170	772821
Mackeral.....	0	0	0	0	0	0	0	0	82	0	0	0	82
Pollock, walleye.....	0	0	23	0	0	0	0	0	0	0	0	0	23
Pac. Oc. Perch.....	62282	45601	81153	42898	69426	74776	82468	101797	118403	60697	37985	40682	818168
Nominal POP.....	17539	24093	31736	25459	34526	20409	31250	35483	49160	22866	12726	10500	315747
Rockfish, widow.....	155094	244344	310490	112613	102673	105072	179478	190471	152916	137567	38911	47807	1777436
Rockfish, yellowtail..	161027	176091	362421	215757	333884	299417	279693	144423	94732	77028	33120	38448	2216041
Rkfish, Sebastolobus...	68168	46872	149535	170093	91700	25556	104353	174769	163110	83603	84819	59527	1222105

TABLE 26. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR AT ASTORIA, 1990. 1/ 2/ (CONT.)

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
Rockfish, other spp...	227529	176019	301952	222137	280559	353448	217929	264596	400431	150260	127996	125464	2848320
Sablefish.....	109862	107187	217261	215490	184039	69644	151687	191450	168665	66911	71839	70729	1624764
Sanddab, Pacific.....	1020	11355	11470	12834	14734	7984	8224	19074	28042	5065	5025	467	125294
Shark, soupfin.....	178	0	34	0	66	180	270	899	285	0	0	0	1912
Shark, spiny dogfish..	210	660	0	30	0	0	0	0	0	2630	0	11770	15300
Shark, thresher.....	0	0	0	0	0	0	0	66	0	0	0	0	66
Skates and rays.....	0	5	0	0	0	0	0	45	0	0	0	0	50
Sole, curlfin (turbot)	0	30	0	0	0	0	0	0	0	0	0	0	30
Sole, Dover.....	391832	491868	1409169	1132986	651511	228950	342147	435451	512367	249332	285222	371680	6502515
Sole, English.....	22999	30922	36941	17795	36482	63794	74382	105493	163631	19895	17106	6264	595704
Sole, flathead.....	0	0	10140	30	0	16	260	0	0	6665	0	0	17111
Sole, petrale.....	148506	76482	62985	24966	26754	42332	21830	41775	40418	9621	33227	117228	646124
Sole, rex.....	11184	29790	16743	13712	26291	42877	57432	47418	53933	13091	7398	13488	333357
Sole, sand.....	0	0	2448	4892	16104	13031	62804	78614	28614	1263	2617	0	210387
Sturgeon, green.....	0	0	58	0	207	161	237	247	270	764	0	0	1944
Sturgeon, white.....	0	0	0	0	0	0	0	22	0	7108	1504	0	8634
Whiting, Pac. (Hake)..	0	0	0	0	690	0	44226	842	23960	0	0	0	69718
Wolf-eel.....	0	0	43	92	433	133	522	47	14	0	0	0	1284
Wrymouth.....	0	8	24	0	10	20	0	70	0	0	0	0	132
<b>MOLLUSKS:</b>													
Octopus.....	20	105	370	107	298	909	601	867	667	12	35	0	3991
TOTAL	1485231	1566447	3225777	2355919	2231134	1851183	2810111	2856050	2730057	1143252	844356	1057439	24156956
<b>MIDWATER TRAWL</b>													
<b>FISH:</b>													
Rockfish, widow.....	126583	52493	191182	80769	169666	200831	219847	290655	263104	188998	145668	51059	1980855
Rockfish, yellowtail..	0	1079	0	4070	775	14993	36400	6925	10113	1934	2584	0	78873
Rockfish, other spp...	0	0	0	0	784	7869	720	2780	0	0	0	0	12153
TOTAL	126583	53572	191182	84839	171225	223693	256967	300360	273217	190932	148252	51059	2071881

TABLE 26. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR AT ASTORIA, 1990. 1/ 2/

(CONT.)

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
<u>SHRIMP TRAWL</u>													
FISH:													
Cod, Pacific.....	0	0	0	1126	0	0	298	90	38	120	0	0	1672
Flounder, arrowtooth..	0	0	0	0	8	0	904	2362	320	0	0	0	3594
Lingcod.....	0	0	0	1724	2886	331	1024	8585	1718	36	0	0	16304
Pac. Oc. Perch.....	0	0	0	0	0	0	0	1300	20	0	0	0	1320
Nominal POP.....	0	0	0	0	0	642	2543	6654	4876	672	0	0	15387
Rockfish, widow.....	0	0	0	0	1195	0	0	1391	0	0	0	0	2586
Rockfish, yellowtail..	0	0	0	84949	92731	75942	81999	57173	12359	1855	0	0	407008
Rkfish, Sebastolobus...	0	0	0	0	5	0	0	3	15	0	0	0	23
Rockfish, other spp...	0	0	0	45285	47373	38886	27248	25904	15328	7499	0	0	207523
Sablefish.....	0	0	0	38	32	260	1630	1449	980	0	0	0	4389
Shark, soupfin.....	0	0	0	20	0	0	30	202	0	0	0	0	252
Shark, spiny dogfish..	0	0	0	0	0	30	0	0	0	0	0	0	30
Sole, Dover.....	0	0	0	0	35	100	906	1267	975	30	0	0	3313
Sole, English.....	0	0	0	0	0	0	0	67	45	0	0	0	112
Sole, petrale.....	0	0	0	27	7	0	42	109	31	0	0	0	216
Sole, rex.....	0	0	0	0	2	0	0	0	22	0	0	0	24
Sole, rock.....	0	0	0	0	158	0	0	0	0	0	0	0	158
CRUSTACEANS:													
Shrimp, pink.....	0	0	0	1506596	2347773	2085702	1514560	1134722	492192	164567	0	0	9246112
MOLLUSKS:													
Octopus.....	0	0	0	0	0	85	0	28	0	0	0	0	113
TOTAL	0	0	0	1639765	2492205	2201978	1631184	1241306	528919	174779	0	0	9910136

TABLE 26. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR AT ASTORIA, 1990. 1/ 2/ (CONT.)

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
<u>CRAB POT</u>													
FISH:													
Flounder, starry.....	0	0	0	25	0	0	0	0	0	0	0	0	25
Lingcod.....	0	15	0	0	0	0	0	0	0	0	0	0	15
Rockfish, other spp...	0	73	4	0	0	0	0	0	0	0	0	0	77
CRUSTACEANS:													
Crab, Dungeness, Oc...	1011999	300428	233189	100061	91288	32794	26953	9303	0	0	0	1363898	3169913
MOLLUSKS:													
Octopus.....	0	0	0	0	0	40	0	0	0	0	0	0	40
TOTAL	1011999	300516	233193	100086	91288	32834	26953	9303	0	0	0	1363898	3170070
TOTAL	2623813	1920535	3650152	4181907	5196647	4772311	4726685	4973188	4088932	1570303	992608	2473090	41170171

1/ OCEAN LANDINGS ONLY; SEE TABLE 25 FOR COLUMBIA RIVER LANDINGS

2/ INCLUDES LANDINGS AT WARRENTON AND HAMMOND.

TABLE 27. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR AT NEHALEM BAY, 1990

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
<u>CRAB RING</u>													
CRUSTACEANS:													
Crab, Dungeness, Bay..	0	0	0	0	0	0	55	0	0	0	0	0	55
TOTAL	0	0	0	0	0	0	55	0	0	0	0	0	55
<u>CLAM SHOVEL OR RAKE</u>													
MOLLUSKS:													
Clams, littleneck.....	0	0	0	0	40	0	0	0	0	0	0	0	40
TOTAL	0	0	0	0	40	0	0	0	0	0	0	0	40
<u>HAND DEVICE</u>													
MOLLUSKS:													
Clams, littleneck.....	0	0	0	208	239	594	413	1504	1669	1103	0	0	5730
Clams, softshell.....	0	0	0	0	0	0	0	40	0	0	0	0	40
TOTAL	0	0	0	208	239	594	413	1544	1669	1103	0	0	5770
<u>BAITSHRIMP PUMP</u>													
CRUSTACEANS:													
Shrimp, ghost.....	90	54	186	108	467	384	309	249	996	1253	180	126	4402
TOTAL	90	54	186	108	467	384	309	249	996	1253	180	126	4402
TOTAL	90	54	186	316	746	978	777	1793	2665	2356	180	126	10267



TABLE 28. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR AT GARIBALDI, 1990

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
<u>TROLL</u>													
FISH:													
Flounder, arrowtooth..	0	0	0	0	0	0	0	2	0	0	0	0	2
Flounder, starry.....	0	0	0	0	0	0	0	3	0	0	0	0	3
Halibut, Pacific.....	0	0	0	0	0	0	0	15	35	0	0	0	50
Lingcod.....	0	0	0	0	251	90	156	778	220	0	0	0	1495
Mackerel.....	0	0	0	0	0	0	3527	12826	536	0	0	0	16889
Rockfish, other spp...	0	0	0	0	707	107	1537	2558	792	84	0	0	5785
Sablefish.....	0	0	0	0	0	0	32	183	0	0	0	0	215
Salmon, chinook.....	0	0	0	0	4566	3278	42780	23892	26281	27045	0	0	127842
Salmon, chum.....	0	0	0	0	0	0	5	0	0	0	0	0	5
Salmon, coho.....	0	0	0	0	0	0	81890	94800	116	0	0	0	176806
Shark, soupfin.....	0	0	0	0	0	29	0	28	0	0	0	0	57
Shark, thresher.....	0	0	0	0	0	0	0	0	0	32	0	0	32
Skates and rays.....	0	0	0	0	0	0	0	79	0	0	0	0	79
Sole, petrale.....	0	0	0	0	0	0	4	8	0	0	0	0	12
Tuna, albacore.....	0	0	0	0	0	0	0	3225	8890	4821	0	0	16936
TOTAL	0	0	0	0	5524	3504	129931	138397	36870	31982	0	0	346208
<u>BOTTOM LONGLINE</u>													
FISH:													
Cod, Pacific.....	0	0	0	0	12	122	0	0	0	0	0	0	134
Flounder, arrowtooth..	0	0	0	0	170	142	8	0	40	0	0	0	360
Halibut, Pacific.....	0	0	0	0	0	0	468	486	263	0	0	0	1217
Lingcod.....	0	0	0	0	208	974	6	170	25	0	0	0	1383
Pac. Oc. Perch.....	0	0	0	0	5	0	0	0	0	0	0	0	5
Nominal POP.....	0	0	0	0	0	54	0	0	30	0	0	0	84
Rockfish, yellowtail..	0	0	0	0	0	67	0	0	0	0	0	0	67

TABLE 28. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR AT GARIBALDI, 1990

(CONT.)

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
Rkfish, Sebastolobus...	0	0	0	0	12	0	0	0	17	0	0	0	29
Rockfish, other spp...	0	0	0	0	4979	6020	38	2066	2551	0	0	0	15654
Sablefish.....	0	0	0	0	23099	60181	200	1777	160	0	0	0	85417
Sole, Dover.....	0	0	0	0	0	2	0	0	8	0	0	0	10
Sole, petrale.....	0	0	0	0	0	5	0	42	0	0	0	0	47
TOTAL	0	0	0	0	28485	67567	720	4541	3094	0	0	0	104407
<u>OTHER HOOK &amp; LINE</u>													
FISH:													
Lingcod.....	0	0	1488	314	501	301	42	38	630	0	0	0	3314
Mackeral.....	0	0	0	0	0	0	0	4	0	0	0	0	4
Rockfish, other spp...	0	0	612	2721	2120	1184	267	22	1163	0	0	0	8089
TOTAL	0	0	2100	3035	2621	1485	309	64	1793	0	0	0	11407
<u>GROUND FISH TRAWL</u>													
FISH:													
Cabezon.....	0	0	0	0	0	173	86	0	0	0	0	0	259
Cod, Pacific.....	756	524	1200	2594	2661	912	528	3051	4451	1003	275	1027	18982
Flounder, arrowtooth..	19577	11003	32654	33237	5772	0	162	6108	5941	3561	4985	10804	133804
Flounder, starry.....	0	114	0	8	231	979	1195	3117	79	0	0	0	5723
Lingcod.....	3808	2930	12084	4902	3954	1928	820	19901	26376	2493	34	1233	80463
Mackeral.....	0	0	0	0	0	0	0	0	11	0	0	0	11
Pac. Oc. Perch.....	3594	0	4189	9128	0	0	0	0	111	0	0	378	17400
Nominal POP.....	30549	43883	77116	47138	21570	21337	22055	59055	46651	5737	1695	7859	384645
Rockfish, widow.....	30122	31217	51432	34525	7850	8808	9706	921	12216	16379	165	17882	221223
Rockfish, yellowtail..	35950	5052	28393	35029	15340	8550	10972	3679	3913	42	0	10719	157639
Rkfish, Sebastolobus...	2961	4358	13564	14134	1933	32	45	1702	3001	1967	3144	4983	51824
Rockfish, other spp...	15169	19320	34471	31199	8421	2911	4231	15017	24214	3463	1609	10303	170328



TABLE 28. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR AT GARIBALDI, 1990

(CONT.)

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
Rockfish, other spp...	0	0	0	2492	22717	24992	21539	10104	11716	3536	0	0	97096
CRUSTACEANS:													
Shrimp, pink.....	0	0	0	230049	552234	794589	534867	270843	299174	114353	0	0	2796109
TOTAL	0	0	0	232787	575326	820869	560298	284285	314418	118595	0	0	2906578
<u>CRAB POT</u>													
FISH:													
Cabezon.....	0	0	6	0	106	96	68	5	0	0	0	0	281
Lingcod.....	5	0	10	7	0	10	0	0	0	0	0	18	50
Rockfish, other spp...	25	40	92	32	55	44	4	37	0	0	0	49	378
Wolf-eel.....	0	0	4	0	0	45	69	0	0	0	0	0	118
CRUSTACEANS:													
Crab, Dungeness, Oc...	21068	29535	58164	30584	28137	30355	22958	14008	0	0	0	64903	299712
TOTAL	21098	29575	58276	30623	28298	30550	23099	14050	0	0	0	64970	300539
<u>CLAM SHOVEL OR RAKE</u>													
MOLLUSKS:													
Clams, butter.....	0	0	155	85	376	90	455	0	0	0	0	0	1161
Clams, cockle.....	0	0	150	180	865	700	590	0	0	0	0	0	2485
Clams, gaper.....	0	0	0	0	0	0	25	0	0	0	0	0	25
Clams, littleneck.....	0	0	12	10	20	10	30	0	0	0	0	0	82
Clams, softshell.....	0	0	0	35	0	0	30	0	0	0	0	0	65
TOTAL	0	0	317	310	1261	800	1130	0	0	0	0	0	3818
<u>HAND DEVICE</u>													
MOLLUSKS:													
Clams, butter.....	0	0	0	30	0	0	0	0	0	0	40	0	70

TABLE 28. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR AT GARIBALDI, 1990

(CONT.)

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
Clams, cockle.....	5100	1000	7043	993	10542	2600	2900	300	2440	0	6240	2400	41558
Clams, gaper.....	0	0	0	0	0	0	0	0	0	0	550	0	550
Clams, littleneck.....	0	0	38	306	395	0	118	0	20	0	266	59	1202
OTHER INVERTEBRATES:													
Sea urchins, red.....	0	0	0	0	0	19497	0	0	0	0	0	0	19497
TOTAL	5100	1000	7081	1329	10937	22097	3018	300	2460	0	7096	2459	62877
<u>BAITSHRIMP PUMP</u>													
CRUSTACEANS:													
Shrimp, ghost.....	147	145	755	735	1452	2053	1591	1531	1112	977	273	45	10816
Shrimp, mud.....	1656	836	608	137	130	216	113	0	0	40	1059	876	5671
TOTAL	1803	981	1363	872	1582	2269	1704	1531	1112	1017	1332	921	16487
TOTAL	248720	318137	603710	712438	743904	1013517	784164	610320	542562	204581	64446	211054	6057553

TABLE 29. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR AT NETARTS BAY, 1990

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
<u>TROLL</u>													
FISH:													
Rockfish, other spp...	0	0	0	0	0	0	202	69	72	0	0	0	343
Salmon, chinook.....	0	0	0	0	0	0	711	365	402	0	0	0	1478
Salmon, coho.....	0	0	0	0	0	0	2621	3036	0	0	0	0	5657
TOTAL	0	0	0	0	0	0	3534	3470	474	0	0	0	7478
<u>HAND DEVICE</u>													
MOLLUSKS:													
Mussels, ocean.....	0	0	0	0	230	100	0	100	0	100	0	280	810
TOTAL	0	0	0	0	230	100	0	100	0	100	0	280	810
<u>BAITSHRIMP PUMP</u>													
CRUSTACEANS:													
Shrimp, ghost.....	0	8	0	0	0	0	0	0	0	0	0	0	8
Shrimp, mud.....	4213	4022	5424	9017	4277	2912	1102	1816	2121	2429	6539	2368	46240
TOTAL	4213	4030	5424	9017	4277	2912	1102	1816	2121	2429	6539	2368	46248
TOTAL	4213	4030	5424	9017	4507	3012	4636	5386	2595	2529	6539	2648	54536

TABLE 30. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR AT PACIFIC CITY, 1990

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
<u>TROLL</u>													
FISH:													
Lingcod.....	0	0	0	0	0	23	524	416	109	0	0	0	1072
Mackeral.....	0	0	0	0	0	0	361	1852	275	0	0	0	2488
Rockfish, other spp...	0	0	0	0	176	15	4646	2566	34	0	0	0	7437
Salmon, chinook.....	0	0	0	0	54	2273	16386	8195	1775	1942	0	0	30625
Salmon, chum.....	0	0	0	0	0	17	0	0	0	0	0	0	17
Salmon, coho.....	0	0	0	0	0	0	61119	67639	1081	0	0	0	129839
Tuna, albacore.....	0	0	0	0	0	0	0	0	814	0	0	0	814
TOTAL	0	0	0	0	230	2328	83036	80668	4088	1942	0	0	172292
<u>OTHER HOOK &amp; LINE</u>													
FISH:													
Halibut, Pacific.....	0	0	0	0	0	0	21	66	59	0	0	0	146
Lingcod.....	0	13	218	1425	2058	1768	2315	708	948	1787	4909	2133	18282
Mackeral.....	0	0	0	0	0	0	0	59	43	0	0	0	102
Rockfish, other spp...	0	146	1771	1757	7178	8384	8435	2754	5011	301	196	446	36379
Shark, soupfin.....	0	0	0	0	0	66	0	0	0	0	0	0	66
Wolf-eel.....	0	0	0	0	0	40	0	0	0	0	0	0	40
TOTAL	0	159	1989	3182	9236	10258	10771	3587	6061	2088	5105	2579	55015
<u>CRAB POT</u>													
CRUSTACEANS:													
Crab, Dungeness, Oc...	0	0	0	0	0	0	202	470	0	0	0	0	672
TOTAL	0	0	0	0	0	0	202	470	0	0	0	0	672

TABLE 30. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR AT PACIFIC CITY, 1990

(CONT.)

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
<u>HAND DEVICE</u>													
MOLLUSKS:													
Mussels, ocean.....	0	0	0	0	0	500	0	200	0	0	1200	0	1900
OTHER INVERTEBRATES:													
Sea urchins, red.....	0	0	0	0	570	11685	7770	0	0	0	0	0	20025
TOTAL	0	0	0	0	570	12185	7770	200	0	0	1200	0	21925
<u>BAITSHRIMP PUMP</u>													
CRUSTACEANS:													
Shrimp, ghost.....	62	58	430	467	1581	1480	1300	888	1493	1806	571	316	10452
TOTAL	62	58	430	467	1581	1480	1300	888	1493	1806	571	316	10452
TOTAL	62	217	2419	3649	11617	26251	103079	85813	11642	5836	6876	2895	260356







TABLE 32. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR AT DEPOE BAY, 1990

(CONT.)

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
<b>CRUSTACEANS:</b>													
Crab, Dungeness, Oc...	1103	532	2436	2363	3649	5603	6655	4393	0	0	0	12091	38825
TOTAL	1103	532	2436	2456	3699	5603	6655	4393	0	0	0	12091	38968
<b>HAND DEVICE</b>													
<b>CRUSTACEANS:</b>													
Barnacle, Gooseneck...	0	0	0	0	0	12	0	0	0	0	0	0	12
<b>MOLLUSKS:</b>													
Clams, cockle.....	0	0	0	0	0	10	0	0	0	0	0	0	10
Mussels, ocean.....	0	0	0	0	30	113	40	35	0	0	0	0	218
Octopus.....	0	0	0	0	0	0	50	0	0	0	0	0	50
<b>OTHER INVERTEBRATES:</b>													
Sea urchins, red.....	0	0	19045	34691	114687	657037	232656	53258	40747	0	0	0	1152121
TOTAL	0	0	19045	34691	114717	657172	232746	53293	40747	0	0	0	1152411
<b>TOTAL</b>	<b>1167</b>	<b>532</b>	<b>22164</b>	<b>38603</b>	<b>122326</b>	<b>665305</b>	<b>243625</b>	<b>58087</b>	<b>43604</b>	<b>1421</b>	<b>292</b>	<b>12091</b>	<b>1209217</b>



TABLE 33. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR AT NEWPORT, 1990

(CONT.)

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
<u>BOTTOM LONGLINE</u>													
FISH:													
Cabazon.....	0	240	74	277	0	0	0	0	0	0	0	0	591
Cod, Pacific.....	0	0	0	0	0	0	0	0	0	8	0	0	8
Flounder, arrowtooth..	0	8	27	87	70	0	0	0	0	4	0	0	196
Flounder, starry.....	0	0	0	0	0	2	0	0	0	0	0	0	2
Halibut, Pacific.....	0	0	0	0	4593	7319	62016	2369	6567	0	0	0	82864
Lingcod.....	0	379	40	1186	2165	1135	1921	268	2593	4090	676	26	14479
Ratfish.....	0	0	0	0	0	6	0	0	0	0	0	0	6
Pac. Oc. Perch.....	0	0	0	0	0	0	6	20	128	0	0	0	154
Nominal POP.....	0	0	0	0	76	4089	0	20	1667	170	0	0	6022
Rockfish, widow.....	0	0	0	0	90	0	4206	0	0	0	0	0	4296
Rockfish, yellowtail..	0	0	0	0	59	55	158	146	2837	971	0	0	4226
Rkfish, Sebastolobus...	0	0	0	106	0	46	0	0	15	4	0	0	171
Rockfish, other spp...	0	1994	4648	6485	18534	22386	6728	4732	24725	11540	81	10	101863
Sablefish.....	0	14014	61835	81884	150699	170985	5327	1030	1490	14899	4775	1473	508411
Shark, blue.....	0	0	0	0	0	0	0	56	0	0	0	0	56
Shark, soupfin.....	0	50	0	0	0	0	8	0	57	38	0	0	153
Sole, Dover.....	0	0	0	0	27	39	0	0	3	0	0	2	71
Sole, petrale.....	0	0	0	0	0	0	7	5	103	0	0	0	115
Wolf-eel.....	0	0	0	8	0	0	0	0	0	0	0	0	8
TOTAL	0	16685	66624	90033	176313	206062	80377	8646	40185	31724	5532	1511	723692
<u>OTHER HOOK &amp; LINE</u>													
FISH:													
Cabazon.....	0	1781	1432	1557	162	0	0	0	259	198	110	224	5723
Flounder, starry.....	0	0	0	0	0	0	9	3	5	18	0	0	35
Greenling.....	0	0	0	0	0	0	4	0	0	0	0	0	4

TABLE 33. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR AT NEWPORT, 1990

(CONT.)

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
Herring, Pacific.....	0	0	125	117	387	0	1	2	0	0	0	0	632
Lingcod.....	867	4152	10502	9036	398	789	0	52	977	2206	2454	661	32094
Mackerel.....	0	0	0	0	0	0	0	0	13	0	0	0	13
Ratfish.....	0	0	0	9	3	0	0	0	0	0	0	0	12
Rockfish, widow.....	0	210	445	312	0	0	0	0	48	0	0	2738	3753
Rockfish, yellowtail..	32	11	1396	2151	141	86	60	0	497	503	0	15	4892
Rockfish, other spp...	5044	23948	81015	83450	47254	1828	39	17	8424	13047	1286	7976	273328
Sablefish.....	0	0	28	37	0	0	0	0	1546	65	0	67	1743
Irish Lord, Red.....	0	0	2	0	0	6	0	0	0	2	0	0	10
Sculpin, Buffalo.....	0	0	0	0	0	0	1	7	0	0	0	0	8
Shark, soupfin.....	22	0	0	0	0	0	0	0	33	0	0	0	55
Shark, spiny dogfish..	0	0	85	0	0	0	20	0	0	99	0	0	204
Skates and rays.....	0	0	50	0	0	0	0	0	0	0	0	0	50
Sole, Dover.....	0	0	0	0	12	0	0	0	0	0	0	0	12
Sole, English.....	0	0	0	0	0	0	0	0	0	8	0	0	8
Sole, petrale.....	0	0	0	2	0	0	0	0	0	0	0	0	2
Sole, sand.....	0	0	0	0	0	0	0	0	0	1	0	0	1
Surfperch.....	0	0	4	10	254	252	726	534	436	117	19	0	2352
Wolf-eel.....	0	0	0	126	14	0	0	0	9	0	0	0	149
MOLLUSKS:													
Octopus.....	0	0	5	40	0	0	0	0	10	0	0	0	55
TOTAL	5965	30102	95089	96847	48625	2961	860	615	12257	16264	3869	11681	325135
<u>GROUND FISH TRAWL</u>													
FISH:													
Cod, Pacific.....	292	43	250	41	38	268	8176	4644	4067	1615	68	270	19772
Flounder, arrowtooth..	6530	4036	22116	2611	20388	46744	37515	49938	84205	12848	6704	1542	295177
Flounder, starry.....	77	0	276	1321	3362	1854	2037	496	3040	981	2326	12	15782

TABLE 33. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR AT NEWPORT, 1990

(CONT.)

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
Grenadier.....	0	0	0	0	0	0	0	90	0	0	0	327	417
Halibut, Pacific.....	100	15	137	0	0	0	0	37	0	31	42	130	492
Lingcod.....	56327	30427	30205	3515	4876	21152	64488	41587	23525	12355	20133	27431	336021
Ratfish.....	0	0	0	0	0	0	0	4	2	0	0	0	6
Pac. Oc. Perch.....	30640	35540	72072	7759	378	6521	6272	10455	27548	4079	6791	10947	219002
Nominal POP.....	229245	294704	522035	45175	17981	40036	77491	70360	184944	57446	80055	110366	1729838
Rockfish, widow.....	297108	206728	215298	23064	2303	24713	0	980	7117	12479	77817	16743	884350
Rockfish, yellowtail..	73224	97173	95225	22540	12552	1157	6209	6712	23218	24843	25506	12109	400468
Rkfish, Sebastolobus...	33843	23660	130362	66216	48382	108247	86933	144723	194389	37457	23532	72315	970059
Rockfish, other spp...	28125	35362	62585	25213	38309	63411	18703	85821	14693	85338	79513	23934	561007
Sablefish.....	27180	17828	69807	33208	40712	66072	62428	110385	115726	35889	19611	26337	625183
Sanddab, Pacific.....	6954	9688	14100	0	15290	11886	8373	26388	28747	20319	7369	0	149114
Shark, sixgill.....	0	0	0	0	0	0	0	0	0	30	0	0	30
Shark, soupfin.....	0	34	97	0	0	37	42	42	0	0	0	42	294
Shark, spiny dogfish..	0	0	0	0	0	0	0	5	54	0	0	0	59
Skates and rays.....	75	502	333	0	22	23	59	286	256	93	66	0	1715
Sole, curlfin (turbot)	0	0	0	0	0	0	0	0	16	0	0	0	16
Sole, Dover.....	68937	40182	306846	64385	123409	110901	183839	314386	463652	161137	80341	78485	1996500
Sole, English.....	5329	7862	18556	1115	19268	18914	45467	73451	44225	26840	11910	5900	278837
Sole, petrale.....	32832	11366	15455	289	6449	9185	59139	69182	31405	12689	4352	36375	288718
Sole, rex.....	7173	6610	13810	1646	2084	4174	5739	5924	8948	10219	6001	2344	74672
Sole, rock.....	100	0	0	0	0	0	0	0	0	0	0	0	100
Sole, sand.....	777	0	419	5226	18404	21505	19976	3279	27734	1997	3439	0	102756
Sturgeon, green.....	98	0	0	146	309	457	67	0	48	118	421	0	1664
Whiting, Pac. (Hake)..	0	0	0	0	0	0	0	0	0	0	0	62	62
Wolf-eel.....	0	0	7	114	427	56	7	0	20	0	26	0	657
CRUSTACEANS:													
Crab, box.....	0	0	0	0	0	0	0	2	64	0	0	0	66

TABLE 33. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR AT NEWPORT, 1990

(CONT.)

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
<b>MOLLUSKS:</b>													
Octopus.....	0	0	0	0	63	186	213	147	88	90	79	44	910
TOTAL	904966	821760	1589991	303584	375006	557499	693173	1019324	1287731	518893	456102	425715	8953744
<b>MIDWATER TRAWL</b>													
<b>FISH:</b>													
Lingcod.....	0	0	52	0	0	0	0	0	0	111	0	0	163
Pac. Oc. Perch.....	0	0	995	0	0	0	0	56	0	0	0	0	1051
Nominal POP.....	5966	40	0	0	0	356	0	600	1824	0	0	0	8786
Rockfish, widow.....	233797	482582	787450	170687	134883	113129	597782	533634	478470	451953	509160	212718	4706245
Rockfish, yellowtail..	2357	0	13204	370	4075	5078	32648	10473	0	4559	0	0	72764
Rkfish, Sebastolobus...	0	0	0	0	0	0	0	0	0	66	0	0	66
Rockfish, other spp...	101	0	198	354	0	2206	1526	490	0	2131	0	0	7006
Sablefish.....	0	0	0	0	0	0	0	0	0	112	0	0	112
Sole, petrale.....	0	0	0	0	0	0	0	0	0	250	0	0	250
Sole, rex.....	0	0	0	0	0	0	0	0	0	122	0	0	122
Sole, sand.....	0	0	0	0	0	0	0	0	0	5	0	0	5
Whiting, Pac. (Hake)..	0	0	0	61295	84040	25000	0	365965	1436779	1991640	885758	0	4850477
TOTAL	242221	482622	801899	232706	222998	145769	631956	911218	1917073	2450949	1394918	212718	9647047
<b>SHRIMP TRAWL</b>													
<b>FISH:</b>													
Cod, Pacific.....	0	0	0	0	8	73	0	74	0	0	0	0	155
Flounder, arrowtooth..	0	0	0	343	61	202	756	225	0	0	0	0	1587
Halibut, Pacific.....	0	0	0	0	169	39	18	0	0	0	0	0	226
Lingcod.....	0	0	0	1234	1122	1611	478	1299	1930	103	0	0	7777
Mackerel.....	0	0	0	0	0	0	0	0	0	170	0	0	170
Nominal POP.....	0	0	0	0	290	1559	56	97	44	0	0	0	2046



TABLE 33. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR AT NEWPORT, 1990

(CONT.)

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
Rockfish, widow.....	0	0	0	0	15	0	0	0	0	0	0	0	15
Rockfish, yellowtail..	0	0	0	3290	176	1750	2750	0	0	0	0	0	7966
Rkfish, Sebastolobus...	0	0	0	0	0	0	180	189	59	0	0	0	428
Rockfish, other spp...	0	0	0	13177	60244	30164	33798	40465	37139	15847	0	0	230834
Sablefish.....	0	0	0	28	246	2025	2318	1351	1414	147	0	0	7529
Shark, soupfin.....	0	0	0	0	11	8	0	19	26	89	0	0	153
Shark, thresher.....	0	0	0	0	0	0	0	0	44	0	0	0	44
Skates and rays.....	0	0	0	0	0	0	0	29	0	0	0	0	29
Sole, Dover.....	0	0	0	726	580	1960	3172	4698	6128	1975	0	0	19239
Sole, English.....	0	0	0	56	105	0	180	45	34	0	0	0	420
Sole, petrale.....	0	0	0	37	88	0	20	7	117	37	0	0	306
Sole, rex.....	0	0	0	21	0	0	0	0	0	47	0	0	68
CRUSTACEANS:													
Shrimp, pink.....	0	0	0	2145973	2314539	1594673	900359	1074923	990839	422844	0	0	9444150
MOLLUSKS:													
Octopus.....	0	0	0	65	22	0	0	0	0	0	0	0	87
TOTAL	0	0	0	2164950	2377676	1634064	944085	1123421	1037774	441259	0	0	9723229
<u>CRAB POT</u>													
FISH:													
Cabezon.....	138	17	32	5	0	0	0	0	0	0	0	0	192
Flounder, starry.....	0	0	9	15	0	3	0	0	0	0	0	0	27
Lingcod.....	0	0	12	0	22	0	0	0	0	0	0	6	40
Rockfish, other spp...	4	113	70	10	0	0	0	0	0	0	0	0	197
Irish Lord, Brown.....	0	0	1	0	0	0	0	0	0	0	0	0	1
Sole, Dover.....	0	0	6	0	0	0	0	0	0	0	0	0	6
Sole, sand.....	0	0	22	0	0	0	0	0	0	0	0	6	28
Wolf-eel.....	0	23	87	0	48	30	0	0	0	0	0	10	198

TABLE 33. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR AT NEWPORT, 1990

(CONT.)

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
<b>CRUSTACEANS:</b>													
Crab, box.....	0	0	6467	2023	0	0	0	0	0	0	0	0	8490
Crab, Dungeness, Oc...	189859	151869	99100	37351	30372	27273	54859	30884	0	0	0	1317967	1939534
Crab, Hermit.....	0	0	11	2	8	0	0	0	0	0	0	0	21
<b>MOLLUSKS:</b>													
Octopus.....	30	86	275	31	158	188	55	0	0	0	0	546	1369
TOTAL	190031	152108	106092	39437	30608	27494	54914	30884	0	0	0	1318535	1950103
<b><u>CRAB RING</u></b>													
<b>CRUSTACEANS:</b>													
Crab, Dungeness, Bay..	0	0	0	0	0	0	0	0	105	625	0	0	730
Crab, rock.....	0	49	470	139	175	359	116	214	213	1508	343	475	4061
TOTAL	0	49	470	139	175	359	116	214	318	2133	343	475	4791
<b><u>CLAM SHOVEL OR RAKE</u></b>													
<b>MOLLUSKS:</b>													
Clams, softshell.....	0	205	428	0	0	0	300	150	0	0	0	0	1083
TOTAL	0	205	428	0	0	0	300	150	0	0	0	0	1083
<b><u>CLAM PUMP OR JET</u></b>													
<b>MOLLUSKS:</b>													
Clams, gaper.....	0	0	0	0	0	0	0	300	0	150	0	0	450
TOTAL	0	0	0	0	0	0	0	300	0	150	0	0	450

TABLE 33. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR AT NEWPORT, 1990

(CONT.)

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
<u>HAND DEVICE</u>													
MOLLUSKS:													
Mussels, ocean.....	0	75	0	35	0	100	0	125	0	0	0	0	335
OTHER INVERTEBRATES:													
Sea urchins, red.....	0	0	1598	2984	30791	95011	90263	0	0	0	0	0	220647
TOTAL	0	75	1598	3019	30791	95111	90263	125	0	0	0	0	220982
<u>SCALLOP DREDGE</u>													
MOLLUSKS:													
Scallops, weathervane	0	1781	0	0	0	0	0	0	0	0	0	0	1781
TOTAL	0	1781	0	0	0	0	0	0	0	0	0	0	1781
<u>BAITFISH NET</u>													
FISH:													
Herring, Pacific.....	0	473952	0	0	0	0	0	0	0	0	0	0	473952
TOTAL	0	473952	0	0	0	0	0	0	0	0	0	0	473952
TOTAL	1343183	1979339	2662191	3106506	3517195	3038319	2750855	3553218	4722907	3509734	1860764	1970635	34014846

TABLE 34. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR AT WALDPOR, 1990

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
<u>CRAB RING</u>													
CRUSTACEANS:													
Crab, Dungeness, Bay..	0	0	0	0	0	0	0	0	3658	8744	3469	0	15871
TOTAL	0	0	0	0	0	0	0	0	3658	8744	3469	0	15871
<u>CLAM SHOVEL OR RAKE</u>													
MOLLUSKS:													
Clams, cockle.....	0	0	0	385	0	0	0	0	0	0	0	0	385
Clams, softshell.....	25	0	0	0	0	0	0	0	0	0	0	0	25
TOTAL	25	0	0	385	0	0	0	0	0	0	0	0	410
<u>HAND DEVICE</u>													
MOLLUSKS:													
Mussels, ocean.....	0	0	475	0	0	0	0	250	0	0	0	0	725
TOTAL	0	0	475	0	0	0	0	250	0	0	0	0	725
<u>BAITSHRIMP PUMP</u>													
CRUSTACEANS:													
Shrimp, ghost.....	1121	999	2185	3178	5744	6846	3862	4381	4693	6245	2254	1772	43280
TOTAL	1121	999	2185	3178	5744	6846	3862	4381	4693	6245	2254	1772	43280
 TOTAL	 1146	 999	 2660	 3563	 5744	 6846	 3862	 4631	 8351	 14989	 5723	 1772	 60286

TABLE 35. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR AT FLORENCE, 1990

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
<u>TROLL</u>													
FISH:													
Halibut, Pacific.....	0	0	0	0	0	0	30	0	0	0	0	0	30
Lingcod.....	0	0	0	0	0	15	24	0	0	0	0	0	39
Mackeral.....	0	0	0	0	0	0	43	0	0	0	0	0	43
Rockfish, other spp...	0	0	0	0	28	37	203	0	11	0	0	0	279
Salmon, chinook.....	0	0	0	0	6568	16237	58652	12609	706	0	0	0	94772
Salmon, chum.....	0	0	0	0	16	0	0	0	0	0	0	0	16
Salmon, coho.....	0	0	0	0	0	0	27168	0	0	0	0	0	27168
Sanddab, Pacific.....	0	0	0	0	0	0	0	14	0	0	0	0	14
Tuna, albacore.....	0	0	0	0	0	0	0	14448	4006	0	0	0	18454
TOTAL	0	0	0	0	6612	16289	86120	27071	4723	0	0	0	140815
<u>COASTAL SETNET</u>													
FISH:													
Shad, American.....	0	0	0	0	666	2332	0	0	0	0	0	0	2998
TOTAL	0	0	0	0	666	2332	0	0	0	0	0	0	2998
<u>FISH POT</u>													
FISH:													
Sablefish.....	0	19346	74715	97823	79216	122069	495	0	0	9351	0	0	403015
TOTAL	0	19346	74715	97823	79216	122069	495	0	0	9351	0	0	403015
<u>BOTTOM LONGLINE</u>													
FISH:													
Halibut, Pacific.....	0	0	0	0	0	0	1635	0	0	0	0	0	1635

TABLE 35. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR AT FLORENCE, 1990

(CONT.)

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
Lingcod.....	0	0	0	0	0	0	41	0	0	0	0	0	41
Rockfish, other spp...	0	0	0	0	0	0	264	0	0	0	0	0	264
Sablefish.....	0	0	0	0	0	0	48	0	0	0	0	0	48
Skates and rays.....	0	0	0	0	0	0	164	0	0	0	0	0	164
TOTAL	0	0	0	0	0	0	2152	0	0	0	0	0	2152
<u>CRAB POT</u>													
CRUSTACEANS:													
Crab, Dungeness, Oc...	23062	12341	18383	14201	13309	23767	33342	26315	0	0	0	46446	211166
MOLLUSKS:													
Octopus.....	0	0	0	0	0	65	0	0	0	0	0	0	65
TOTAL	23062	12341	18383	14201	13309	23832	33342	26315	0	0	0	46446	211231
<u>HAND DEVICE</u>													
MOLLUSKS:													
Mussels, ocean.....	0	0	300	750	0	0	0	0	0	100	250	0	1400
TOTAL	0	0	300	750	0	0	0	0	0	100	250	0	1400
<u>BAITSHRIMP PUMP</u>													
CRUSTACEANS:													
Shrimp, ghost.....	0	0	10	18	75	0	0	0	0	0	0	0	103
TOTAL	0	0	10	18	75	0	0	0	0	0	0	0	103
TOTAL	23062	31687	93408	112792	99878	164522	122109	53386	4723	9451	250	46446	761714

TABLE 36. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR AT WINCHESTER BAY, 1990

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
<u>TROLL</u>													
FISH:													
Lingcod.....	0	0	0	0	61	5	0	16	41	0	0	0	123
Rockfish, other spp...	0	0	0	0	170	288	352	337	135	0	0	0	1282
Salmon, chinook.....	0	0	0	0	12394	51832	143972	36109	1821	41	0	0	246169
Salmon, chum.....	0	0	0	0	43	0	47	0	0	0	0	0	90
Salmon, coho.....	0	0	0	0	0	204	46410	12	0	0	0	0	46626
Tuna, albacore.....	0	0	0	0	0	0	0	40377	55864	2261	0	0	98502
TOTAL	0	0	0	0	12668	52329	190781	76851	57861	2302	0	0	392792
<u>COASTAL GILLNET</u>													
FISH:													
Shad, American.....	0	0	0	0	28297	18716	0	0	0	0	0	0	47013
TOTAL	0	0	0	0	28297	18716	0	0	0	0	0	0	47013
<u>FISH POT</u>													
FISH:													
Sablefish.....	0	0	0	49528	764	879	0	0	0	0	0	0	51171
TOTAL	0	0	0	49528	764	879	0	0	0	0	0	0	51171
<u>BOTTOM LONGLINE</u>													
FISH:													
Halibut, Pacific.....	0	0	0	0	0	0	2542	0	0	0	0	0	2542
Lingcod.....	0	0	0	0	0	21	0	0	0	0	0	0	21
Rockfish, other spp...	0	0	0	0	0	377	30	0	289	0	0	0	696
Sablefish.....	0	0	0	0	0	431	600	0	0	0	0	0	1031
TOTAL	0	0	0	0	0	829	3172	0	289	0	0	0	4290

TABLE 36. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR AT WINCHESTER BAY, 1990

(CONT.)

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
<u>OTHER HOOK &amp; LINE</u>													
FISH:													
Lingcod.....	0	193	687	3412	256	0	0	207	2527	0	310	0	7592
Rockfish, other spp...	0	268	459	3380	2179	0	121	333	704	92	464	0	8000
TOTAL	0	461	1146	6792	2435	0	121	540	3231	92	774	0	15592
<u>GROUND FISH TRAWL</u>													
FISH:													
Flounder, starry.....	0	0	0	0	0	0	0	83	0	0	0	0	83
Rockfish, other spp...	0	0	0	0	0	0	0	14	0	0	0	0	14
Sole, English.....	0	0	0	0	0	0	0	445	0	0	0	0	445
Sole, petrale.....	0	0	0	0	0	0	0	30	0	0	0	0	30
Sole, rex.....	0	0	0	0	0	0	0	42	0	0	0	0	42
Sole, sand.....	0	0	0	0	0	0	0	847	0	0	0	0	847
TOTAL	0	0	0	0	0	0	0	1461	0	0	0	0	1461
<u>SHRIMP TRAWL</u>													
FISH:													
Lingcod.....	0	0	0	0	0	94	453	55	120	0	0	0	722
Pac. Oc. Perch.....	0	0	0	0	0	0	0	0	77	42	0	0	119
Rockfish, other spp...	0	0	0	0	22	67	421	40	528	84	0	0	1162
Sablefish.....	0	0	0	0	0	31	0	0	7	0	0	0	38
Sole, Dover.....	0	0	0	0	25	921	426	30	715	211	0	0	2328
Sole, English.....	0	0	0	0	0	0	0	0	23	0	0	0	23
Sole, petrale.....	0	0	0	0	0	0	0	0	25	4	0	0	29
Sole, sand.....	0	0	0	0	0	0	0	0	0	76	0	0	76



TABLE 36. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR AT WINCHESTER BAY, 1990

(CONT.)

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
<b>CRUSTACEANS:</b>													
Shrimp, pink.....	0	0	0	12506	8104	48574	32908	14030	30131	2129	0	0	148382
TOTAL	0	0	0	12506	8151	49687	34208	14155	31626	2546	0	0	152879
<b>CRAB POT</b>													
<b>CRUSTACEANS:</b>													
Crab, Dungeness, Oc...	46290	44873	35742	18560	23489	19570	49666	44032	0	0	0	289760	571982
<b>MOLLUSKS:</b>													
Clams, cockle.....	0	0	0	0	0	0	0	0	0	0	0	12	12
TOTAL	46290	44873	35742	18560	23489	19570	49666	44032	0	0	0	289772	571994
<b>CRAB RING</b>													
<b>CRUSTACEANS:</b>													
Crab, Dungeness, Bay..	0	0	0	0	0	0	0	0	1072	6170	989	0	8231
TOTAL	0	0	0	0	0	0	0	0	1072	6170	989	0	8231
<b>CLAM SHOVEL OR RAKE</b>													
<b>MOLLUSKS:</b>													
Clams, softshell.....	0	0	0	65	150	275	378	648	768	196	314	626	3420
TOTAL	0	0	0	65	150	275	378	648	768	196	314	626	3420
<b>HAND DEVICE</b>													
<b>MOLLUSKS:</b>													
Mussels, ocean.....	6243	6656	4540	3362	9223	1698	960	995	801	960	0	0	35438
TOTAL	6243	6656	4540	3362	9223	1698	960	995	801	960	0	0	35438

TABLE 36. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR AT WINCHESTER BAY, 1990

(CONT.)

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
<u>BAITFISH NET</u>													
FISH:													
Herring, Pacific.....	0	0	0	0	0	0	600	450	0	0	0	0	1050
TOTAL	0	0	0	0	0	0	600	450	0	0	0	0	1050
TOTAL	52533	51990	41428	90813	85177	143983	279886	139132	95648	12266	2077	290398	1285331

TABLE 37. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR AT CHARLESTON, 1990

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
<u>TROLL</u>													
FISH:													
Halibut, Pacific.....	0	0	0	0	0	0	0	325	35	0	0	0	360
Lingcod.....	0	0	0	0	645	1505	1093	3740	1857	71	0	0	8911
Mackerel.....	0	0	0	0	0	0	3	58	0	0	0	0	61
Rockfish, yellowtail..	0	0	0	0	0	0	28	0	5	0	0	0	33
Rockfish, other spp...	0	0	0	0	3277	5144	8050	22343	16183	2436	25	0	57458
Sablefish.....	0	0	0	0	0	0	0	3	0	0	0	0	3
Salmon, chinook.....	0	0	0	0	102796	104791	537895	409608	37763	11815	182	0	1204850
Salmon, chum.....	0	0	0	0	113	136	0	0	0	0	0	0	249
Salmon, coho.....	0	0	0	0	0	0	138460	1319	0	0	0	0	139779
Shark, soupfin.....	0	0	0	0	0	0	0	0	0	32	0	0	32
Shark, other.....	0	0	0	0	0	0	0	25	0	0	0	0	25
Sole, petrale.....	0	0	0	0	5	18	0	4	3	0	0	0	30
Tuna, albacore.....	0	0	0	0	0	0	0	38341	149117	2752	15119	0	205329
TOTAL	0	0	0	0	106836	111594	685529	475766	204963	17106	15326	0	1617120
<u>FISH POT</u>													
FISH:													
Hagfish.....	0	0	0	0	0	0	0	0	0	9442	23021	0	32463
Sablefish.....	0	0	44500	92148	97470	125828	499	0	0	0	0	0	360445
TOTAL	0	0	44500	92148	97470	125828	499	0	0	9442	23021	0	392908
<u>BOTTOM LONGLINE</u>													
FISH:													
Cabezon.....	0	0	0	0	0	0	0	0	78	0	0	0	78
Halibut, Pacific.....	0	0	0	0	0	0	2307	394	0	0	0	0	2701

TABLE 37. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR AT CHARLESTON, 1990

(CONT.)

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
Lingcod.....	0	0	0	0	0	381	164	724	2221	78	0	0	3568
Rockfish, yellowtail..	0	0	0	0	0	135	1632	1585	4233	1395	0	0	8980
Rockfish, other spp...	0	0	0	164	0	1696	11797	12042	14478	1244	0	0	41421
Sablefish.....	0	0	0	6482	15068	7552	1090	95	0	0	0	0	30287
<b>MOLLUSKS:</b>													
Octopus.....	0	0	0	0	0	0	0	0	19	0	0	0	19
TOTAL	0	0	0	6646	15068	9764	16990	14840	21029	2717	0	0	87054
<b><u>OTHER HOOK &amp; LINE</u></b>													
<b>FISH:</b>													
Cabezon.....	0	0	0	99	0	30	0	0	0	0	0	0	129
Lingcod.....	1786	6715	12388	27598	118	4	0	312	4166	140	420	0	53647
Rockfish, yellowtail..	0	0	0	0	0	0	0	174	2403	0	0	0	2577
Rockfish, other spp...	651	3811	6052	16818	851	1300	489	9583	35217	6941	336	99	82148
TOTAL	2437	10526	18440	44515	969	1334	489	10069	41786	7081	756	99	138501
<b><u>GROUND FISH TRAWL</u></b>													
<b>FISH:</b>													
Cabezon.....	0	0	0	0	0	0	522	0	0	0	0	0	522
Cod, Pacific.....	903	26	0	0	108	1602	931	816	356	481	0	0	5223
Flounder, arrowtooth..	8189	2700	5499	1218	6382	33899	22331	26242	23581	13231	3695	3146	150113
Flounder, starry.....	0	0	0	0	1006	907	3406	8624	2258	0	0	0	16201
Grenadier.....	0	117	3493	0	0	15086	18145	32215	22363	16007	14339	10223	131988
Halibut, Pacific.....	0	25	35	0	0	0	0	0	0	0	0	0	60
Lingcod.....	6979	5890	6244	3640	16318	38184	39834	60771	64989	36926	15495	2837	298107
Pollock, walleye.....	0	0	0	0	0	0	8	0	0	0	0	0	8
Pac. Oc. Perch.....	997	1179	0	297	3379	7367	1773	5473	2977	2342	1206	0	26990
Nominal POP.....	28497	26788	34088	8493	46603	48073	41260	53219	39195	34950	49906	43703	454775

TABLE 37. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR AT CHARLESTON, 1990

(CONT.)

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
Rockfish, widow.....	202511	178545	188088	39042	58805	49578	34163	77596	317235	260598	207855	36583	1650599
Rockfish, yellowtail..	22558	14578	75347	5991	19128	2373	0	7082	43642	175783	117058	37627	521167
Rkfsh, Sebastolobus...	448324	533785	837121	223519	585240	517491	566607	720958	624625	349611	390207	274922	6072410
Rockfish, other spp...	73526	39721	117244	27545	113494	96717	64161	85632	399739	270542	195949	79313	1563583
Sablefish.....	172100	167132	277913	121911	232674	219414	245930	355763	300537	131982	144973	129749	2500078
Sanddab, Pacific.....	0	526	787	0	532	1043	382	11576	60432	23694	23271	26607	148850
Shark, sixgill.....	0	0	0	0	0	88	0	0	0	0	0	0	88
Shark, soupfin.....	0	0	0	0	94	99	53	12	28	0	100	0	386
Shark, thresher.....	0	0	0	0	0	0	0	0	0	0	57	0	57
Sole, curlfin (turbot)	0	0	0	0	72	24	308	60	64	0	0	0	528
Sole, Dover.....	716148	635076	939942	413818	381418	325816	398222	685459	774888	362531	317494	363728	6314540
Sole, English.....	16460	12202	18862	1378	8167	8572	14577	49340	43007	18012	6857	11402	208836
Sole, petrale.....	133105	39009	13423	969	3581	4085	14077	28633	21913	13648	44140	196985	513568
Sole, rex.....	9275	12116	3139	0	570	1734	1799	1308	2648	2066	2529	4274	41458
Sole, rock.....	0	0	0	0	2194	161	1089	864	452	0	0	0	4760
Sole, sand.....	0	0	0	0	5681	3855	31022	59970	9717	0	0	0	110245
Sturgeon, green.....	0	0	0	0	150	110	319	91	152	0	0	0	822
Sturgeon, white.....	0	0	0	0	1210	145	55	360	273	0	0	0	2043
Whiting, Pac. (Hake)..	0	0	0	0	0	0	5126	0	0	0	0	0	5126
Wolf-eel.....	0	0	0	0	0	0	71	12	30	0	0	0	113
Wrymouth.....	0	0	0	0	0	0	0	0	10	0	0	0	10
CRUSTACEANS:													
Crab, box.....	0	0	0	0	0	0	30	0	0	0	0	0	30
MOLLUSKS:													
Octopus.....	0	0	29	0	0	0	0	10	0	0	0	0	39
TOTAL	1839572	1669415	2521254	847821	1486806	1376423	1506201	2272086	2755111	1712404	1535131	1221099	20743323

TABLE 37. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR AT CHARLESTON, 1990

(CONT.)

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
<u>MIDWATER TRAWL</u>													
FISH:													
Rockfish, widow.....	13413	0	0	0	0	0	0	0	20306	0	0	0	33719
Rockfish, other spp...	0	0	0	0	0	0	0	0	201	0	0	845	1046
Whiting, Pac. (Hake)..	0	0	0	0	0	0	0	132924	0	0	0	0	132924
TOTAL	13413	0	0	0	0	0	0	132924	20507	0	0	845	167689
<u>SHRIMP TRAWL</u>													
FISH:													
Cod, Pacific.....	0	0	0	0	0	20	17	9	0	0	0	0	46
Flounder, arrowtooth..	0	0	0	20	17	191	276	0	8	1	0	0	513
Lingcod.....	0	0	0	2569	1525	1115	1232	999	280	143	0	0	7863
Nominal POP.....	0	0	0	0	0	164	70	109	0	6	0	0	349
Rockfish, widow.....	0	0	0	0	2072	6291	0	0	387	33	0	0	8783
Rockfish, yellowtail..	0	0	0	0	442	220	0	0	0	241	0	0	903
Rkfsh, Sebastolobus...	0	0	0	0	0	10	12	8	0	0	0	0	30
Rockfish, other spp...	0	0	0	4164	19895	12078	9887	12203	11163	2767	0	0	72157
Sablefish.....	0	0	0	0	32	1130	1179	155	1016	750	0	0	4262
Smelt.....	0	0	0	0	0	0	40	0	0	0	0	0	40
Sole, Dover.....	0	0	0	358	1518	5010	2396	2035	1975	290	0	0	13582
Sole, English.....	0	0	0	5	56	62	91	17	0	0	0	0	231
Sole, petrale.....	0	0	0	0	13	13	12	6	0	2	0	0	46
Sole, rex.....	0	0	0	38	0	0	0	0	0	0	0	0	38
Whiting, Pac. (Hake)..	0	0	0	0	0	0	34	0	0	0	0	0	34
Wolf-eel.....	0	0	0	0	0	7	0	0	0	0	0	0	7
CRUSTACEANS:													
Shrimp, pink.....	0	0	0	1272250	1782339	2057310	646208	594242	408197	148291	0	0	6908837

TABLE 37. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR AT CHARLESTON, 1990

(CONT.)

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
<b>MOLLUSKS:</b>													
Octopus.....	0	0	0	0	17	0	0	0	0	0	0	0	17
TOTAL	0	0	0	1279404	1807926	2083621	661454	609783	423026	152524	0	0	7017738
<b>CRAB POT</b>													
<b>FISH:</b>													
Cabazon.....	16	0	5	279	224	83	0	87	0	0	0	0	694
Flounder, starry.....	0	0	0	0	0	0	0	0	0	0	0	2	2
Lingcod.....	0	0	10	0	0	0	0	0	0	0	0	0	10
Rockfish, other spp...	2	0	0	0	10	0	0	0	0	0	0	0	12
Wolf-eel.....	0	0	0	20	55	0	23	0	0	0	0	0	98
<b>CRUSTACEANS:</b>													
Crab, Dungeness, Oc...	144405	80255	130689	40091	31387	23996	23289	11471	0	0	0	817749	1303332
<b>MOLLUSKS:</b>													
Octopus.....	0	0	0	0	0	13	0	0	0	0	0	21	34
TOTAL	144423	80255	130704	40390	31676	24092	23312	11558	0	0	0	817772	1304182
<b>CRAB RING</b>													
<b>CRUSTACEANS:</b>													
Crab, Dungeness, Bay..	0	0	0	0	0	0	0	0	7695	16457	10648	2117	36917
Crab, Dungeness, Oc...	0	0	0	0	0	0	50	20	0	0	0	0	70
Crab, rock.....	0	0	0	0	0	0	0	0	83	180	247	0	510
TOTAL	0	0	0	0	0	0	50	20	7778	16637	10895	2117	37497
<b>CLAM SHOVEL OR RAKE</b>													
<b>MOLLUSKS:</b>													

TABLE 37. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR AT CHARLESTON, 1990

(CONT.)

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
Clams, butter.....	55	122	0	189	105	0	0	0	0	0	0	0	471
Clams, cockle.....	0	0	0	0	297	760	100	0	0	0	0	0	1157
Clams, gaper.....	0	0	0	0	0	0	75	100	25	115	30	120	465
Clams, littleneck.....	0	0	0	0	0	28	0	0	0	0	0	0	28
TOTAL	55	122	0	189	402	788	175	100	25	115	30	120	2121
<u>CLAM PUMP OR JET</u>													
MOLLUSKS:													
Clams, gaper.....	0	0	0	0	0	0	0	588	0	0	0	0	588
TOTAL	0	0	0	0	0	0	0	588	0	0	0	0	588
<u>HAND DEVICE</u>													
MOLLUSKS:													
Clams, butter.....	0	0	160	403	395	465	240	740	305	187	0	7	2902
Clams, gaper.....	0	0	0	0	0	0	1112	790	3077	3302	0	32	8313
Clams, littleneck.....	0	0	22	74	50	152	9	86	27	12	0	7	439
Mussels, ocean.....	0	0	210	84	0	0	600	300	0	0	200	0	1394
OTHER INVERTEBRATES:													
Sea urchins, red.....	0	0	0	88619	0	71792	123900	6173	0	0	0	0	290484
TOTAL	0	0	392	89180	445	72409	125861	8089	3409	3501	200	46	303532
<u>BAITSHRIMP PUMP</u>													
CRUSTACEANS:													
Shrimp, ghost.....	181	154	170	196	580	547	779	302	295	164	122	132	3622
TOTAL	181	154	170	196	580	547	779	302	295	164	122	132	3622
TOTAL	2000081	1760472	2715460	2400489	3548178	3806400	3021339	3536125	3477929	1921691	1585481	2042230	31815875



TABLE 38. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR AT BANDON, 1990

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
<u>TROLL</u>													
FISH:													
Halibut, Pacific.....	0	0	0	0	0	0	0	57	0	0	0	0	57
Lingcod.....	0	0	0	0	0	38	22	15	0	0	0	0	75
Rockfish, other spp...	0	0	0	0	92	1011	2652	8645	3433	0	0	0	15833
Salmon, chinook.....	0	0	0	0	2873	8907	59315	48374	4082	249	0	0	123800
Salmon, chum.....	0	0	0	0	13	0	0	0	0	0	0	0	13
Salmon, coho.....	0	0	0	0	0	0	11942	518	0	0	0	0	12460
Tuna, albacore.....	0	0	0	0	0	0	0	0	1541	0	0	0	1541
TOTAL	0	0	0	0	2978	9956	73931	57609	9056	249	0	0	153779
<u>BOTTOM LONGLINE</u>													
FISH:													
Halibut, Pacific.....	0	0	0	0	0	0	60	0	0	0	0	0	60
Rockfish, other spp...	0	0	0	0	0	0	25	0	0	0	0	0	25
TOTAL	0	0	0	0	0	0	85	0	0	0	0	0	85
<u>OTHER HOOK &amp; LINE</u>													
FISH:													
Lingcod.....	0	0	0	132	0	0	40	98	0	17	3	0	290
Rockfish, other spp...	0	0	0	386	0	1824	311	994	1019	182	93	0	4809
TOTAL	0	0	0	518	0	1824	351	1092	1019	199	96	0	5099
<u>SHRIMP TRAWL</u>													
FISH:													
Rockfish, other spp...	0	0	0	0	0	0	0	9	0	0	0	0	9

TABLE 38. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR AT BANDON, 1990

(CONT.)

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
CRUSTACEANS:													
Shrimp, pink.....	0	0	0	0	0	0	0	2250	0	0	0	0	2250
TOTAL	0	0	0	0	0	0	0	2259	0	0	0	0	2259
<u>CRAB POT</u>													
FISH:													
Rockfish, other spp...	0	0	0	22	0	0	0	0	0	0	0	0	22
CRUSTACEANS:													
Crab, Dungeness, Oc...	0	1399	1884	2111	5796	3235	1036	59	0	0	0	715	16235
TOTAL	0	1399	1884	2133	5796	3235	1036	59	0	0	0	715	16257
<u>CRAB RING</u>													
CRUSTACEANS:													
Crab, Dungeness, Bay..	0	0	0	0	0	0	0	0	0	261	0	0	261
TOTAL	0	0	0	0	0	0	0	0	0	261	0	0	261
<u>BAITSHRIMP PUMP</u>													
CRUSTACEANS:													
Shrimp, ghost.....	0	0	0	0	0	5	0	17	29	23	15	6	95
TOTAL	0	0	0	0	0	5	0	17	29	23	15	6	95
 TOTAL	 0	 1399	 1884	 2651	 8774	 15020	 75403	 61036	 10104	 732	 111	 721	 177835

TABLE 39. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR AT PORT ORFORD, 1990

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
<u>TROLL</u>													
FISH:													
Halibut, Pacific.....	0	0	0	0	0	0	0	28	0	0	0	0	28
Lingcod.....	0	0	0	0	19	304	356	2240	485	25	0	0	3429
Rockfish, other spp...	0	0	0	0	101	525	2338	6166	2359	396	0	0	11885
Salmon, chinook.....	0	0	0	0	2529	2509	80027	25248	4564	17402	0	0	132279
Salmon, chum.....	0	0	0	0	12	0	0	0	0	0	0	0	12
Salmon, coho.....	0	0	0	0	0	0	21754	111	0	0	0	0	21865
Tuna, albacore.....	0	0	0	0	0	0	0	0	4073	0	0	0	4073
TOTAL	0	0	0	0	2661	3338	104475	33793	11481	17823	0	0	173571
<u>FISH POT</u>													
FISH:													
Hagfish.....	0	0	0	0	0	0	1426	35385	14630	0	25547	39830	116818
TOTAL	0	0	0	0	0	0	1426	35385	14630	0	25547	39830	116818
<u>BOTTOM LONGLINE</u>													
FISH:													
Cabezon.....	0	60	61	101	0	0	0	0	0	0	0	0	222
Flounder, arrowtooth..	0	0	0	0	0	32	0	0	0	0	0	0	32
Flounder, starry.....	0	0	0	0	0	0	6	0	0	0	0	0	6
Halibut, Pacific.....	0	0	0	0	0	0	321	309	59	0	0	0	689
Lingcod.....	2344	3472	3454	4549	0	601	431	1113	11209	649	35	0	27857
Nominal POP.....	0	0	0	0	0	0	0	0	0	382	0	0	382
Rockfish, widow.....	0	0	0	0	0	0	0	0	1801	1557	0	0	3358
Rockfish, yellowtail..	0	0	0	0	0	0	0	0	0	381	0	0	381
Rockfish, other spp...	3750	7056	9626	19103	1471	6076	4594	12827	51974	6190	169	0	122836

TABLE 39. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR AT PORT ORFORD, 1990

(CONT.)

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
Sablefish.....	0	0	2199	616	11838	48488	214	0	200	42469	17967	0	123991
Shark, soupfin.....	66	0	0	0	0	0	0	0	0	0	0	0	66
Skates and rays.....	0	25	0	0	0	0	0	0	0	0	0	0	25
Wolf-eel.....	0	4	0	0	0	0	0	0	0	0	0	0	4
MOLLUSKS:													
Octopus.....	0	0	0	0	0	0	83	47	8	0	0	0	138
TOTAL	6160	10617	15340	24369	13309	55197	5649	14296	65251	51628	18171	0	279987
<u>OTHER HOOK &amp; LINE</u>													
FISH:													
Cabezon.....	0	196	81	118	0	0	0	0	0	0	0	0	395
Flounder, arrowtooth..	0	0	0	0	0	0	0	0	0	10	0	0	10
Halibut, Pacific.....	0	0	0	0	0	0	0	0	89	0	0	0	89
Lingcod.....	152	345	988	4251	339	1113	823	2356	5222	333	617	89	16628
Rockfish, widow.....	0	0	0	0	0	0	0	0	0	40	1382	3104	4526
Rockfish, yellowtail..	0	0	0	0	0	0	0	0	0	2509	0	0	2509
Rockfish, other spp...	839	2079	3576	21609	1784	5908	5981	32175	86345	15853	17799	4931	198879
Sablefish.....	0	0	0	0	0	0	0	0	0	372	0	0	372
MOLLUSKS:													
Octopus.....	0	0	0	0	0	57	0	0	0	0	0	0	57
TOTAL	991	2620	4645	25978	2123	7078	6804	34531	91656	19117	19798	8124	223465
<u>SHRIMP TRAWL</u>													
FISH:													
Lingcod.....	0	0	0	0	240	0	50	0	0	0	0	0	290
Rockfish, other spp...	0	0	0	0	10	0	0	0	136	9	0	0	155
Shark, soupfin.....	0	0	0	0	0	0	0	0	37	0	0	0	37

TABLE 39. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR AT PORT ORFORD, 1990

(CONT.)

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
Sole, Dover.....	0	0	0	0	240	0	125	0	0	0	0	0	365
Sole, rex.....	0	0	0	0	20	0	0	0	0	0	0	0	20
<b>CRUSTACEANS:</b>													
Shrimp, pink.....	0	0	0	0	46381	34291	31223	22418	20063	1690	0	0	156066
TOTAL	0	0	0	0	46891	34291	31398	22418	20236	1699	0	0	156933
<b>CRAB POT</b>													
<b>FISH:</b>													
Cabezon.....	0	0	0	0	0	0	256	0	0	0	0	0	256
<b>CRUSTACEANS:</b>													
Crab, Dungeness, Oc...	51986	20170	42308	31460	14849	5989	2714	1096	0	0	0	321310	491882
<b>MOLLUSKS:</b>													
Octopus.....	825	142	199	376	0	0	0	13	0	0	0	1397	2952
TOTAL	52811	20312	42507	31836	14849	5989	2970	1109	0	0	0	322707	495090
<b>HAND DEVICE</b>													
<b>MOLLUSKS:</b>													
Mussels, ocean.....	225	2000	0	0	0	0	0	0	0	0	0	0	2225
Scallops, rock.....	0	0	24	0	0	0	0	0	0	0	0	0	24
<b>OTHER INVERTEBRATES:</b>													
Sea urchins, red.....	444263	563981	608051	705103	544407	346634	154287	245493	220812	252726	389974	439542	4915273
TOTAL	444488	565981	608075	705103	544407	346634	154287	245493	220812	252726	389974	439542	4917522
<b>TOTAL</b>	<b>504450</b>	<b>599530</b>	<b>670567</b>	<b>787286</b>	<b>624240</b>	<b>452527</b>	<b>307009</b>	<b>387025</b>	<b>424066</b>	<b>342993</b>	<b>453490</b>	<b>810203</b>	<b>6363386</b>

TABLE 40. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR AT GOLD BEACH, 1990

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
<u>TROLL</u>													
FISH:													
Lingcod.....	0	0	0	0	0	0	29	751	0	0	0	0	780
Rockfish, other spp...	0	0	0	0	0	0	148	569	456	0	0	0	1173
Salmon, chinook.....	0	0	0	0	70	0	11073	5522	97	0	0	0	16762
Salmon, coho.....	0	0	0	0	0	0	1268	0	0	0	0	0	1268
TOTAL	0	0	0	0	70	0	12518	6842	553	0	0	0	19983
<u>FISH POT</u>													
FISH:													
Rockfish, other spp...	0	0	0	0	0	31	0	0	0	0	0	0	31
Sablefish.....	0	0	0	0	0	1368	0	0	0	3718	14082	2402	21570
TOTAL	0	0	0	0	0	1399	0	0	0	3718	14082	2402	21601
<u>BOTTOM LONGLINE</u>													
FISH:													
Rockfish, other spp...	0	0	0	0	0	0	0	0	0	235	0	0	235
TOTAL	0	0	0	0	0	0	0	0	0	235	0	0	235
<u>OTHER HOOK &amp; LINE</u>													
FISH:													
Halibut, Pacific.....	0	0	0	0	0	0	41	0	0	0	0	0	41
Lingcod.....	0	362	2364	7921	1286	1668	1236	6693	12239	0	94	184	34047
Rockfish, widow.....	0	0	0	0	0	0	6	0	0	0	0	0	6
Rockfish, other spp...	0	130	768	4755	2077	7315	3852	13332	25829	0	891	130	59079
TOTAL	0	492	3132	12676	3363	8983	5135	20025	38068	0	985	314	93173

TABLE 40. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR AT GOLD BEACH, 1990

(CONT.)

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
<u>CRAB POT</u>													
CRUSTACEANS:													
Crab, Dungeness, Oc....	0	0	0	0	155	253	0	0	0	0	0	0	408
TOTAL	0	0	0	0	155	253	0	0	0	0	0	0	408
<u>HAND DEVICE</u>													
OTHER INVERTEBRATES:													
Sea urchins, red.....	16846	98324	76742	182291	321183	190847	468362	594807	475811	57222	66079	40410	2588924
TOTAL	16846	98324	76742	182291	321183	190847	468362	594807	475811	57222	66079	40410	2588924
 TOTAL	 16846	 98816	 79874	 194967	 324771	 201482	 486015	 621674	 514432	 61175	 81146	 43126	 2724324

TABLE 41. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR AT BROOKINGS, 1990

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
<u>TROLL</u>													
FISH:													
Lingcod.....	0	0	0	0	20	0	21	594	137	0	0	0	772
Mackeral.....	0	0	0	0	0	0	0	0	33	0	0	0	33
Rockfish, other spp...	0	0	0	0	3	0	972	1666	557	11	0	0	3209
Salmon, chinook.....	0	0	0	0	1072	183	23747	24778	1551	135	0	0	51466
Salmon, coho.....	0	0	0	0	0	0	4443	0	0	0	0	0	4443
Tuna, albacore.....	0	0	0	0	0	0	0	6236	13184	1482	13378	3036	37316
TOTAL	0	0	0	0	1095	183	29183	33274	15462	1628	13378	3036	97239
<u>FISH POT</u>													
FISH:													
Hagfish.....	0	0	0	0	0	0	0	0	6639	780	0	0	7419
Sablefish.....	0	0	0	0	0	0	0	0	0	0	0	1931	1931
TOTAL	0	0	0	0	0	0	0	0	6639	780	0	1931	9350
<u>BOTTOM LONGLINE</u>													
FISH:													
Cabazon.....	0	0	16	0	0	0	0	0	0	0	0	0	16
Halibut, Pacific.....	0	0	0	0	0	0	0	551	184	0	0	0	735
Lingcod.....	0	370	2686	0	0	0	219	3205	5628	136	604	0	12848
Nominal POP.....	0	0	579	0	0	16	0	39	30	0	0	0	664
Rockfish, yellowtail..	0	0	0	0	0	0	0	529	1188	0	0	0	1717
Rockfish, other spp...	0	681	5031	1252	0	800	412	6706	12079	1575	183	0	28719
Sablefish.....	1262	0	0	27096	27488	43025	0	42	5	4048	6245	0	109211



TABLE 41. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR AT BROOKINGS, 1990

(CONT.)

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
<b>MOLLUSKS:</b>													
Octopus.....	0	0	0	0	0	0	0	0	25	0	0	0	25
TOTAL	1262	1051	8312	28348	27488	43841	631	11072	19139	5759	7032	0	153935
<b>OTHER HOOK &amp; LINE</b>													
<b>FISH:</b>													
Cabazon.....	0	0	0	0	0	0	0	6	0	0	0	0	6
Flounder, arrowtooth..	0	0	0	0	0	0	10	0	0	0	0	0	10
Halibut, Pacific.....	0	0	0	0	0	0	72	0	0	0	0	0	72
Lingcod.....	165	5525	3547	1462	6682	9219	245	11563	2798	195	453	0	41854
Nominal POP.....	0	0	0	28	0	0	0	0	0	0	0	0	28
Rockfish, widow.....	0	0	0	0	0	0	0	0	0	0	136	0	136
Rockfish, other spp...	215	2288	4906	3615	5940	11945	3992	7686	7201	6957	3636	321	58702
Sablefish.....	0	0	0	60	0	0	0	0	0	0	0	0	60
Surfperch.....	10	792	130	552	6	58	272	354	395	22	0	0	2591
TOTAL	390	8605	8583	5717	12628	21222	4591	19609	10394	7174	4225	321	103459
<b>GROUND FISH TRAWL</b>													
<b>FISH:</b>													
Cabazon.....	0	0	0	0	0	0	0	548	11	0	0	0	559
Cod, Pacific.....	0	0	0	0	0	0	0	0	11	0	0	0	11
Flounder, arrowtooth..	980	920	80	1573	700	395	4342	5169	8163	5176	2706	2568	32772
Flounder, starry.....	0	0	0	0	0	0	0	80	82	0	43	0	205
Grenadier.....	480	1770	7905	2140	6355	880	4440	17130	5035	8360	2797	2134	59426
Lingcod.....	4030	3436	2443	1325	8085	305	12023	31718	32336	3977	3354	1636	104668
Nominal POP.....	2700	4115	3730	4387	4100	335	7548	10107	22273	3540	2840	1191	66866
Rockfish, widow.....	200	0	62230	23780	2235	0	1845	24872	50971	4785	61695	35905	268518
Rockfish, yellowtail..	95	0	33460	7830	7925	0	0	9355	34241	8375	10415	5945	117641

TABLE 41. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR AT BROOKINGS, 1990

(CONT.)

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
Rkfish, Sebastolobus...	165865	137210	286145	126100	131355	52440	80820	222994	144914	124145	148236	39525	1659749
Rockfish, other spp...	12275	1921	4925	1628	7244	450	16536	49569	66082	6101	4986	4116	175833
Sablefish.....	30950	16740	76570	45120	52160	14418	144926	124838	72094	56070	37909	22719	694514
Sanddab, Pacific.....	97	243	6	0	0	0	0	320	145	5	64	0	880
Sole, Dover.....	70147	20463	88403	79117	58823	30710	111966	209868	168222	93545	32902	40286	1004452
Sole, English.....	415	412	86	300	339	35	925	8334	8645	3384	1393	422	24690
Sole, petrale.....	28022	5635	567	107	510	25	2100	11601	10867	2410	6291	29893	98028
Sole, rex.....	4720	1087	2500	3161	1375	590	3190	4578	4380	3872	1890	3481	34824
Sole, sand.....	0	0	0	0	0	0	0	1160	32	759	12	0	1963
MOLLUSKS:													
Octopus.....	0	38	58	6	46	0	71	128	208	7	4	36	602
TOTAL	320976	193990	569108	296574	281252	100583	390732	732369	628712	324511	317537	189857	4346201
<u>MIDWATER TRAWL</u>													
FISH:													
Lingcod.....	0	0	0	30	75	0	0	0	0	0	30	0	135
Nominal POP.....	0	0	0	230	0	0	0	0	0	0	0	0	230
Rockfish, widow.....	0	0	0	15170	63655	20455	38590	87291	167508	119823	70447	0	582939
Rockfish, yellowtail..	0	0	0	1395	3190	0	0	0	0	0	0	0	4585
Rockfish, other spp...	0	0	0	0	0	0	0	0	0	0	140	0	140
TOTAL	0	0	0	16825	66920	20455	38590	87291	167508	119823	70617	0	588029
<u>SHRIMP TRAWL</u>													
FISH:													
Flounder, arrowtooth..	0	0	0	0	50	878	1155	35	0	0	0	0	2118
Lingcod.....	0	0	0	295	874	2804	2165	1383	57	0	0	0	7578
Nominal POP.....	0	0	0	47	84	3096	1284	85	46	0	0	0	4642
Rockfish, widow.....	0	0	0	0	0	8	0	0	0	0	0	0	8

TABLE 41. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR AT BROOKINGS, 1990

(CONT.)

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
Rockfish, yellowtail..	0	0	0	0	0	0	278	540	0	0	0	0	818
Rkfish, Sebastolobus...	0	0	0	0	0	82	0	0	0	0	0	0	82
Rockfish, other spp...	0	0	0	3525	146	1800	604	1721	2406	0	0	0	10202
Sablefish.....	0	0	0	0	5	1209	1406	8	0	0	0	0	2628
Sanddab, Pacific.....	0	0	0	125	115	0	0	0	0	0	0	0	240
Shark, soupfin.....	0	0	0	0	0	87	0	11	0	0	0	0	98
Shark, thresher.....	0	0	0	0	0	456	0	0	0	0	0	0	456
Sole, Dover.....	0	0	0	20	273	1464	1171	55	135	0	0	0	3118
Sole, English.....	0	0	0	10	10	42	84	90	0	0	0	0	236
Sole, petrale.....	0	0	0	0	0	138	20	164	0	0	0	0	322
Sole, rex.....	0	0	0	0	0	10	0	0	0	0	0	0	10
CRUSTACEANS:													
Shrimp, pink.....	0	0	0	843539	534520	932887	351596	352884	119804	45634	0	0	3180864
MOLLUSKS:													
Octopus.....	0	0	0	64	10	281	52	66	96	0	0	0	569
TOTAL	0	0	0	847625	536087	945242	359815	357042	122544	45634	0	0	3213989
<u>CRAB POT</u>													
FISH:													
Lingcod.....	0	0	26	0	0	0	0	0	0	0	0	0	26
CRUSTACEANS:													
Crab, Dungeness, Oc...	68800	28294	43378	25096	19353	4707	210	635	0	0	0	1213548	1404021
MOLLUSKS:													
Octopus.....	549	310	156	246	28	0	0	0	0	0	0	4503	5792
TOTAL	69349	28604	43560	25342	19381	4707	210	635	0	0	0	1218051	1409839

TABLE 41. MONTHLY LANDINGS (POUNDS ROUND) OF COMMERCIAL FISH AND SHELLFISH BY GEAR AT BROOKINGS, 1990

(CONT.)

GEAR/SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
<b>HAND DEVICE</b>													
<b>OTHER INVERTEBRATES:</b>													
Sea urchins, red.....	4984	8095	25022	8616	0	6954	0	22439	0	0	0	37787	113897
TOTAL	4984	8095	25022	8616	0	6954	0	22439	0	0	0	37787	113897
<b>TOTAL</b>	<b>396961</b>	<b>240345</b>	<b>654585</b>	<b>1229047</b>	<b>944851</b>	<b>1143187</b>	<b>823752</b>	<b>1263731</b>	<b>970398</b>	<b>505309</b>	<b>412789</b>	<b>1450983</b>	<b>10035938</b>