

ESTIMATED TOTAL NUMBER OF FISH CAUGHT (INCLUDING RELEASED ALIVE) AND PSE (%) BY MARINE RECREATIONAL ANGLERS, BY SPECIES AND PRIMARY FISHING AREA, 1993-1997 FOR THE PACIFIC COAST

Year	Barred sandbass						Barred surfperch					
	Inland		Ocean to 3 miles		Ocean 3 to 200 miles		Inland		Ocean to 3 miles		Ocean 3 to 200 miles	
	Est	PSE (%)	Est	PSE (%)	Est	PSE (%)	Est	PSE (%)	Est	PSE (%)	Est	PSE (%)
-----Number in thousands-----												
1993..	314	10	701	6	527	7	21	24	657	10	0	0
1994..	239	12	1,056	6	193	10	4	47	381	12	0	100
1995..	293	19	841	7	379	10	8	33	664	10	0	0
1996..	271	10	1,026	6	339	9	18	38	543	12	0	0
1997..	258	12	1,106	7	47	15	11	37	601	13	0	0
Year	Black rockfish						Blue rockfish					
	Inland		Ocean to 3 miles		Ocean 3 to 200 miles		Inland		Ocean to 3 miles		Ocean 3 to 200 miles	
	Est	PSE (%)	Est	PSE (%)	Est	PSE (%)	Est	PSE (%)	Est	PSE (%)	Est	PSE (%)
-----Number in thousands-----												
1993..	51	14	811	7	87	15	21	24	1,786	7	55	12
1994..	27	17	656	7	11	27	0	64	490	8	53	19
1995..	22	18	580	7	29	19	9	56	418	8	14	27
1996..	59	15	491	8	56	14	11	30	502	8	118	20
1997..	40	17	523	10	32	28	6	40	532	10	198	38
Year	Bocaccio						Cabezon					
	Inland		Ocean to 3 miles		Ocean 3 to 200 miles		Inland		Ocean to 3 miles		Ocean 3 to 200 miles	
	Est	PSE (%)	Est	PSE (%)	Est	PSE (%)	Est	PSE (%)	Est	PSE (%)	Est	PSE (%)
-----Number in thousands-----												
1993..	7	48	21	17	119	16	14	14	90	8	4	28
1994..	0	100	26	25	152	16	6	17	67	10	3	28
1995..	0	0	6	29	18	22	4	30	79	12	2	44
1996..	1	79	23	18	45	19	24	16	85	10	2	24
1997..	0	0	20	24	45	32	12	26	61	13	1	39
Year	California halibut						Canary rockfish					
	Inland		Ocean to 3 miles		Ocean 3 to 200 miles		Inland		Ocean to 3 miles		Ocean 3 to 200 miles	
	Est	PSE (%)	Est	PSE (%)	Est	PSE (%)	Est	PSE (%)	Est	PSE (%)	Est	PSE (%)
-----Number in thousands-----												
1993..	138	11	166	9	42	18	3	29	189	9	38	15
1994..	191	10	263	9	37	17	0	0	160	9	18	14
1995..	446	8	451	9	26	19	1	100	156	13	44	11
1996..	286	8	345	9	53	14	1	45	83	10	46	13
1997..	183	10	322	9	4	33	1	48	73	12	40	33

Note:--Est= Estimate. PSE (%) = Proportional standard error.

1993-1995 Estimates do not include Washington state data as the Marine Recreational Fisheries Statistics Survey was not conducted in Washington in those years.

**ESTIMATED TOTAL NUMBER OF FISH CAUGHT (INCLUDING RELEASED ALIVE) AND PSE (%) BY MARINE
RECREATIONAL ANGLERS, BY SPECIES AND PRIMARY FISHING AREA, 1993-1997 FOR THE PACIFIC COAST**

Year	Chilipepper rockfish						Kelp bass					
	Inland		Ocean to 3 miles		Ocean 3 to 200 miles		Inland		Ocean to 3 miles		Ocean 3 to 200 miles	
	Est	PSE (%)	Est	PSE (%)	Est	PSE (%)	Est	PSE (%)	Est	PSE (%)	Est	PSE (%)
-----Number in thousands-----												
1993. .	0	0	12	31	34	33	131	13	1,863	6	616	9
1994. .	0	0	10	60	47	17	101	14	1,348	5	399	9
1995. .	0	0	6	56	22	29	104	19	1,313	6	182	15
1996. .	0	0	3	38	52	19	69	17	1,352	5	213	13
1997. .	0	0	2	40	1	93	104	16	1,555	8	64	18
Year	Kelp greenling						Lingcod					
	Inland		Ocean to 3 miles		Ocean 3 to 200 miles		Inland		Ocean to 3 miles		Ocean 3 to 200 miles	
	Est	PSE (%)	Est	PSE (%)	Est	PSE (%)	Est	PSE (%)	Est	PSE (%)	Est	PSE (%)
-----Number in thousands-----												
1993. .	83	15	122	9	4	37	26	13	315	6	40	12
1994. .	23	18	77	10	1	39	9	34	235	7	18	13
1995. .	31	15	63	11	1	41	13	27	204	7	26	15
1996. .	158	10	66	11	2	34	112	13	203	7	41	10
1997. .	129	12	46	12	2	32	106	12	146	8	31	26
Year	Pacific barracuda						Pacific cod					
	Inland		Ocean to 3 miles		Ocean 3 to 200 miles		Inland		Ocean to 3 miles		Ocean 3 to 200 miles	
	Est	PSE (%)	Est	PSE (%)	Est	PSE (%)	Est	PSE (%)	Est	PSE (%)	Est	PSE (%)
-----Number in thousands-----												
1993. .	74	30	785	8	391	8	0	0	0	0	0	0
1994. .	61	25	1,107	8	597	9	0	0	1	63	0	0
1995. .	41	30	1,136	7	202	11	0	0	0	0	0	0
1996. .	14	25	326	9	227	9	12	45	0	0	0	0
1997. .	9	32	766	7	74	16	2	30	0	0	0	0
Year	Pacific chub mackerel						Redtail surfperch					
	Inland		Ocean to 3 miles		Ocean 3 to 200 miles		Inland		Ocean to 3 miles		Ocean 3 to 200 miles	
	Est	PSE (%)	Est	PSE (%)	Est	PSE (%)	Est	PSE (%)	Est	PSE (%)	Est	PSE (%)
-----Number in thousands-----												
1993. .	397	13	2,678	5	1,576	7	1	46	68	17	0	0
1994. .	567	19	3,522	6	1,225	8	2	32	88	18	0	0
1995. .	477	13	3,000	7	1,669	9	13	22	78	16	0	0
1996. .	558	9	4,026	5	1,347	7	27	35	85	27	0	0
1997. .	428	11	4,931	8	363	14	1	47	40	25	0	0

Note:--Est= Estimate. PSE (%) = Proportional standard error.

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ESTIMATED TOTAL NUMBER OF FISH CAUGHT (INCLUDING RELEASED ALIVE) AND PSE (%) BY MARINE RECREATIONAL ANGLERS, BY SPECIES AND PRIMARY FISHING AREA, 1993-1997 FOR THE PACIFIC COAST

Year	Striped surfperch						White croaker					
	Inland		Ocean to 3 miles		Ocean 3 to 200 miles		Inland		Ocean to 3 miles		Ocean 3 to 200 miles	
	Est	PSE (%)	Est	PSE (%)	Est	PSE (%)	Est	PSE (%)	Est	PSE (%)	Est	PSE (%)
-----Number in thousands-----												
1993. .	49	13	83	12	0	0	438	10	1,388	7	193	12
1994. .	14	17	58	16	0	0	175	14	657	11	68	21
1995. .	33	48	66	14	0	0	371	10	623	8	414	50
1996. .	191	17	87	16	0	0	587	13	1,091	9	177	20
1997. .	60	19	53	35	0	0	362	20	548	13	153	27
Year	White sturgeon						All fishes					
	Inland		Ocean to 3 miles		Ocean 3 to 200 miles		Inland		Ocean to 3 miles		Ocean 3 to 200 miles	
	Est	PSE (%)	Est	PSE (%)	Est	PSE (%)	Est	PSE (%)	Est	PSE (%)	Est	PSE (%)
-----Number in thousands-----												
1993. .	21	17	1	58	0	0	5,214	4	20,347	3	5,361	3
1994. .	5	30	0	0	0	0	3,492	5	18,283	3	5,394	3
1995. .	47	19	0	0	0	0	4,965	4	17,841	3	4,803	6
1996. .	22	14	0	0	0	0	11,672	10	17,767	4	4,334	3
1997. .	26	17	0	0	0	0	9,586	8	17,273	3	1,962	7

Note:--Est= Estimate. PSE (%) = Proportional standard error.

1993-1995 Estimates do not include Washington state data as the Marine Recreational Fisheries Statistics Survey was not conducted in Washington in those years.

ESTIMATED WEIGHT (IN LBS.) AND PSE (%) OF FISH HARVESTED BY MARINE RECREATIONAL ANGLERS, BY SPECIES AND PRIMARY FISHING AREA, 1993-1997 FOR THE PACIFIC COAST

Year	Barred sandbass						Barred surfperch					
	Inland		Ocean to 3 miles		Ocean 3 to 200 miles		Inland		Ocean to 3 miles		Ocean 3 to 200 miles	
	Est	PSE (%)	Est	PSE (%)	Est	PSE (%)	Est	PSE (%)	Est	PSE (%)	Est	PSE (%)
-----Thousands of pounds-----												
1993. .	143	14	537	9	368	9	5	26	310	13	0	0
1994. .	37	29	858	8	138	12	2	59	165	14	0	100
1995. .	52	21	820	10	595	12	7	37	347	12	0	0
1996. .	50	18	810	8	446	11	12	38	301	15	0	0
1997. .	47	23	698	13	46	23	4	42	227	15	0	0
Year	Black rockfish						Blue rockfish					
	Inland		Ocean to 3 miles		Ocean 3 to 200 miles		Inland		Ocean to 3 miles		Ocean 3 to 200 miles	
	Est	PSE (%)	Est	PSE (%)	Est	PSE (%)	Est	PSE (%)	Est	PSE (%)	Est	PSE (%)
-----Thousands of pounds-----												
1993. .	73	16	1,390	8	158	16	35	26	1,209	8	65	13
1994. .	30	20	1,095	8	25	46	0	66	475	8	28	26
1995. .	26	21	1,027	7	68	21	5	53	376	9	14	24
1996. .	128	19	937	8	113	14	7	30	478	9	122	20
1997. .	96	30	1,003	10	74	28	11	43	483	12	157	35

Note:--Est= Estimate. PSE (%) = Proportional standard error.

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ESTIMATED WEIGHT (IN LBS.) AND PSE (%) OF FISH HARVESTED BY MARINE RECREATIONAL ANGLERS, BY SPECIES AND PRIMARY FISHING AREA, 1993-1997 FOR THE PACIFIC COAST

Year	Bocaccio						Cabezon					
	Inland		Ocean to 3 miles		Ocean 3 to 200 miles		Inland		Ocean to 3 miles		Ocean 3 to 200 miles	
	Est	PSE (%)	Est	PSE (%)	Est	PSE (%)	Est	PSE (%)	Est	PSE (%)	Est	PSE (%)
	-----Thousands of pounds-----											
1993..	4	61	25	20	242	15	26	17	226	9	11	32
1994..	0	0	57	31	367	19	5	33	160	10	6	26
1995..	0	0	9	43	59	23	3	38	180	13	4	55
1996..	1	100	60	21	159	21	49	18	200	11	6	22
1997..	0	0	42	31	74	34	21	29	168	14	6	40
Year	California halibut						Canary rockfish					
	Inland		Ocean to 3 miles		Ocean 3 to 200 miles		Inland		Ocean to 3 miles		Ocean 3 to 200 miles	
	Est	PSE (%)	Est	PSE (%)	Est	PSE (%)	Est	PSE (%)	Est	PSE (%)	Est	PSE (%)
	-----Thousands of pounds-----											
1993..	146	16	397	16	52	23	7	31	189	9	54	16
1994..	264	14	420	14	106	25	0	0	162	9	22	16
1995..	1,384	12	930	12	35	29	0	100	180	12	85	11
1996..	621	12	457	13	81	26	2	48	98	11	74	14
1997..	424	14	445	15	7	71	1	63	111	12	65	32
Year	Chilipepper rockfish						Kelp bass					
	Inland		Ocean to 3 miles		Ocean 3 to 200 miles		Inland		Ocean to 3 miles		Ocean 3 to 200 miles	
	Est	PSE (%)	Est	PSE (%)	Est	PSE (%)	Est	PSE (%)	Est	PSE (%)	Est	PSE (%)
	-----Thousands of pounds-----											
1993..	0	0	7	34	29	50	42	24	1,119	8	273	9
1994..	0	0	0	0	50	20	10	32	1,049	8	335	11
1995..	0	0	4	59	19	29	7	40	963	8	160	19
1996..	0	0	4	61	67	21	11	39	721	7	87	13
1997..	0	0	2	38	1	9	7	44	743	10	17	32
Year	Kelp greenling						Lingcod					
	Inland		Ocean to 3 miles		Ocean 3 to 200 miles		Inland		Ocean to 3 miles		Ocean 3 to 200 miles	
	Est	PSE (%)	Est	PSE (%)	Est	PSE (%)	Est	PSE (%)	Est	PSE (%)	Est	PSE (%)
	-----Thousands of pounds-----											
1993..	55	14	138	10	2	38	88	15	1,333	7	184	17
1994..	19	22	76	10	0	42	14	22	828	9	64	18
1995..	18	15	66	12	1	54	23	25	752	10	81	18
1996..	131	12	72	11	3	33	157	19	779	9	191	12
1997..	113	151	49	12	3	34	119	21	613	10	147	36

Note:--Est= Estimate. PSE (%) = Proportional standard error.

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ESTIMATED WEIGHT (IN LBS.) AND PSE (%) OF FISH HARVESTED BY MARINE RECREATIONAL ANGLERS, BY SPECIES AND PRIMARY FISHING AREA, 1993-1997 FOR THE PACIFIC COAST

Year	Pacific barracuda						Pacific cod					
	Inland		Ocean to 3 miles		Ocean 3 to 200 miles		Inland		Ocean to 3 miles		Ocean 3 to 200 miles	
	Est	PSE (%)	Est	PSE (%)	Est	PSE (%)	Est	PSE (%)	Est	PSE (%)	Est	PSE (%)
	-----Thousands of pounds-----											
1993..	25	35	901	13	762	11	0	0	0	0	0	0
1994..	11	43	989	10	1,016	13	0	0	1	72	0	0
1995..	7	63	2,123	9	361	16	0	0	0	0	0	0
1996..	5	46	529	11	492	13	16	45	0	0	0	0
1997..	5	70	1,453	9	242	19	2	0	0	0	0	0
Year	Pacific chub mackerel						Redtail surfperch					
	Inland		Ocean to 3 miles		Ocean 3 to 200 miles		Inland		Ocean to 3 miles		Ocean 3 to 200 miles	
	Est	PSE (%)	Est	PSE (%)	Est	PSE (%)	Est	PSE (%)	Est	PSE (%)	Est	PSE (%)
	-----Thousands of pounds-----											
1993..	148	24	761	7	465	13	1	47	57	19	0	0
1994..	179	20	1,570	10	475	14	2	33	69	19	0	0
1995..	155	18	1,101	9	907	15	16	24	47	18	0	0
1996..	148	13	1,078	6	414	12	27	38	75	28	0	0
1997..	124	17	1,894	22	109	27	1	49	35	28	0	0
Year	Striped surfperch						White croaker					
	Inland		Ocean to 3 miles		Ocean 3 to 200 miles		Inland		Ocean to 3 miles		Ocean 3 to 200 miles	
	Est	PSE (%)	Est	PSE (%)	Est	PSE (%)	Est	PSE (%)	Est	PSE (%)	Est	PSE (%)
	-----Thousands of pounds-----											
1993..	42	14	88	13	0	0	128	13	277	9	20	23
1994..	12	19	49	19	0	0	32	32	129	17	13	79
1995..	35	54	64	16	0	0	128	14	160	12	122	66
1996..	163	19	96	17	0	0	234	14	336	14	44	37
1997..	50	19	54	30	0	0	191	30	133	23	5	72
Year	White sturgeon						All fishes					
	Inland		Ocean to 3 miles		Ocean 3 to 200 miles		Inland		Ocean to 3 miles		Ocean 3 to 200 miles	
	Est	PSE (%)	Est	PSE (%)	Est	PSE (%)	Est	PSE (%)	Est	PSE (%)	Est	PSE (%)
	-----Thousands of pounds-----											
1993..	205	24	2	100	0	0	2,731	5	13,027	2	5,177	4
1994..	44	36	0	0	0	0	1,419	6	11,596	2	4,909	4
1995..	764	21	0	0	0	0	4,632	6	14,071	3	5,610	6
1996..	340	16	0	0	0	0	8,172	5	10,493	3	4,560	4
1997..	549	15	0	0	0	0	7,057	4	16,064	5	2,885	8

Note:--Est= Estimate. PSE (%) = Proportional standard error.

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