

U.S. Marine Recreational Fisheries

DATA COLLECTION. Detailed information on marine recreational fishing is required to support a variety of fishery management and development purposes and is mandated by the Sustainable Fisheries Act, Public Law 94-265. In 1979, NMFS began the comprehensive Marine Recreational Fisheries Statistics Survey (MRFSS), covering all fishing modes (private/rental boat, party/charter boat, and shore), and including estuarine and brackish water. Although the recreational harvest is only about 9 percent of the total U.S. harvest of finfish for states covered by the MRFSS (see coverage section below), the fishing activities of millions of marine anglers are important to monitor because they are directed at relatively few species. Data collected through the MRFSS and other programs show that recreational fishing significantly impacts the stocks of many marine finfish species. Recreational catches even surpass commercial landings of some species (see figure on preceding page).

METHODS. The MRFSS consists of a telephone survey of coastal county households and a field intercept survey of completed angler fishing trips. The telephone survey collects data on the number of marine recreational fishing trips by residents of coastal counties. The intercept survey collects data on the proportion of fishing trips by residents of non-coastal counties, the species composition of catches, catch rates by species, and lengths and weights of landed fish. These data are combined to produce estimates of catch and effort. Catch estimates are separated into two categories – harvested catch and catch released alive. Harvested catch includes landed fish, catch used for bait, and catch released dead. Whenever possible MRFSS field interviewers identify, count, weigh, and measure landed fish that are available in whole form (catch type A). Angler reports are obtained for catch released alive (catch type B2) and for all other harvested catch (catch type B1), such as catch released dead, used for bait, or landed as fillets. Catch estimates are stratified by subregion, state, wave (bimonthly sampling period), species, fishing mode (private/rental boat, party/charter boat, and shore), primary area fished, and catch type. In addition, economic data are obtained and estimates of participation are produced.

In place of the MRFSS, Oregon and Washington conduct ocean boats surveys to produce catch and effort estimates. Oregon's Ocean Recreational Boat Survey (ORBS) and Washington's Ocean Sampling Program (OSP) consist of a field intercept survey for effort and catch of private/rental boats and party/charter boats. The effort data consist of censuses of boat trips from a

particular ocean port inlet on sampled days. The catch data consist of fish species composition from sampled boats, numbers of anglers, type of fishing, lengths and weights of landed catch, and tag information from marked fish. Catch landed whole are examined by samplers, while other catch is reported by anglers or passenger boat crew. Other catch includes fillets and released fish. The catch rate data and boat counts are combined and expanded by type of day to produce catch and effort estimates in weekly to monthly time periods. Estimates of mean catch per boat, catch per angler, total angler trips and boat trips are produced for each port inlet or port group stratified by time period, type of boat, type of trip and water area. Catch estimates in numbers of fish and weight are produced for each species of fish with tag contribution rates for marked fish species.

On the Atlantic and Gulf coasts, effort for the party/charter fishing mode is now estimated through the For-Hire Survey (FHS), whereas on the Pacific coast effort is estimated through the Party Charter Phone Survey (PCPS). Both surveys differ from the MRFSS because they use a telephone survey of boats, rather than households, as the primary method for estimating fishing effort. The FHS and PCPS telephone surveys are weekly surveys that use a directory of charter boats and/or party/headboats as their sampling frame. Samples of boats are selected at random, and the operators of those boats are contacted for telephone interviews to collect information on the number of boat trips and the numbers of anglers who fished. The telephone surveys estimate the number of trips by boats included in the sampling frames. A dockside survey of boat slips is used to validate the phone-reported effort data and estimate appropriate corrections for any reporting errors. The total catch of any one species is calculated as the product of the adjusted estimate of total angler trips and the estimated mean catch per trip. Although separate estimates are generated for charter boat and party/headboat fishing through the FHS, estimates are not stratified by vessel type through the PCPS. This improved methodology was initiated in 2000 on the Gulf coast, in 2001 on the Pacific coast, and in 2003 on the Atlantic coast. FHS and PCPS numbers are included here for the Gulf and Pacific coasts but not for the Atlantic coast.

COVERAGE. In 2003, the MRFSS included the Atlantic coast (Maine-East Florida), Gulf coast (Louisiana-West Florida), Pacific coast (California, and for a partial year in Oregon and Washington), Puerto Rico and Hawaii. Detailed information and access to the data are available on the

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Fisheries Statistics web page (<http://www.st.nmfs.noaa.gov/st1/>). Care is advised when comparing catch estimates for the MRFSS time series because of differences in sampling coverage.

- In the South Atlantic and Gulf sub-regions (NC-LA) the MRFSS has not collected catch data from head boats since 1985, so estimates for these sub-regions now only include charter boats in the for-hire sector.
- Marine recreational fishing in Texas is monitored by the Texas Department of Parks and Wildlife and has not been surveyed by the MRFSS since 1985.
- Prior to 1998, on the Pacific coast, ocean boat trips and salmon trips were not sampled during certain waves because they were surveyed by state natural resource agencies.
- Alaska conducts an annual mail survey and has never been surveyed by the MRFSS.
- West Pacific U.S. territories have not been surveyed by the MRFSS since 1981.
- Hawaii was not surveyed between 1981 and 2001.
- The U.S. Caribbean was not surveyed between 1981 and 2000.

Historically, only about five percent of the annual recreational catch on the Atlantic and Gulf coasts is taken during Wave 1 (January - February). Costs to sample these months are very high due to low fishing activity. Therefore, in Jan/Feb of 1981 the MRFSS was not conducted in any region. In 1982, Jan/Feb data collection resumed on the Pacific and Gulf coasts and also on the Atlantic coast of Florida. With a few exceptions (Georgia 1985-1989, South Carolina 1988, North Carolina 1988-1992), the MRFSS has not been conducted in Jan/Feb on the Atlantic coast north of Florida since 1980.

Time periods when the MRFSS has not been conducted:

- Nov/Dec (Maine and New Hampshire) - 1987 to present
- Mar/Apr (Maine and New Hampshire) - 1986 to present
- Jan/Feb (Northern California and Oregon) - 1994
- Jan/Feb (Southern California and Oregon) - 1995
- Nov/Dec (Oregon) - 1994
- Nov/Dec (Washington shore modes) - 2003
- July - Dec (Oregon shore modes) - 2003
- All Waves (California through Washington) - 1990 to 1993

- All Waves (Washington) - 1993 to 1994

Data from other NMFS and state surveys (e.g. southeast head boats, Texas, California Passenger Fishing Vessels, Pacific salmon, Alaska) are not included in this report. The numbers reported for Washington and Oregon for 2003 include shore trips for only part of the year.

DATA TABLES. The estimated harvests (numbers and weight of fish) for the continental U.S. and Hawaii (excluding Texas) are presented. Numbers of fish harvested and released alive are also presented for many important species groups. Estimated harvests are presented by subregion and primary fishing area: inland [sounds, rivers, bays], state territorial seas [ocean to 3 miles from shore, except for Florida's Gulf coast and Puerto Rico, where state territorial seas extend to 10 miles from shore], and Exclusive Economic Zone (EEZ) [ocean from the outer edge of the state territorial seas to 200 miles from shore]. The total numbers of estimated trips and participants are presented by state.

2003 MRFSS DATA. In 2003, about 13 million anglers made 82 million marine recreational fishing trips to the Atlantic, Gulf and Pacific coasts. The estimated total marine recreational catch was 452 million fish, of which over 55 percent were released alive. The estimated total weight of harvested catch was 263 million pounds. The Atlantic coast accounted for the majority of trips (62 percent) and catch (55 percent). The Gulf coast (excluding Texas), accounted for 29 percent of trips, and 38 percent of the catch. The Pacific coast accounted for 9 percent of trips, and 7 percent of the catch. Nationally, most (57 percent in numbers of fish) of the recreational catch came from inland waters, 31 percent from state territorial seas, and 12 percent from the EEZ. The majority of Atlantic, Gulf and Pacific trips fished primarily in inland waters.

ATLANTIC. In 2003, over 6.4 million in-state marine recreational fishing participants took over 49 million trips and caught a total of more than 243 million fish. Twenty-three percent of the trips were made in east Florida, followed by 14 percent in New Jersey, 14 percent in North Carolina, 11 percent in New York, 8 percent in Massachusetts, 7 percent in Maryland, and 6 percent in Virginia. Together, Connecticut, Rhode Island, and South Carolina accounted for 11 percent of the trips, and Delaware, Maine, Georgia, and New Hampshire accounted for the remaining percentage. The most commonly caught non-bait species (in numbers of fish) were Atlantic croaker, summer flounder, striped bass, bluefish, and scup. The

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largest harvests by weight were striped bass, bluefish, summer flounder, Atlantic croaker and dolphin

The total annual catch of striped bass increased steadily from 8.5 million fish in 1994 to 17.5 million fish in 1997. After increasing from 14.1 million fish in 1999 to nearly 19 million fish in 2000, striped bass catch declined slightly to 15.6 million fish in 2001 and 2002, and then increased to 17.3 million fish in 2003. Over 86 percent of the striped bass caught in 2003 were released alive. Annual summer flounder catch decreased from 28 million fish in 2001 to 20.6 million fish in 2003. Over 78% of the summer flounder caught in 2003 were released alive. Bluefish catch decreased from 11.9 million in 1994 to levels varying between 9 and 13 million from 1996 through 1999, reached 20 million in 2001, and fell to 15 million in 2003. Black sea bass catch, which varied between 9 and 16 million fish from 1994 through 1999, exceeded 18 million in 2000, but returned to around 14 million fish in 2003.

The species most commonly caught on Atlantic coast trips that fished primarily in federally managed waters were black sea bass, Atlantic cod, dolphin, summer flounder, and bluefish. Twenty-nine percent of the total Atlantic catch came on saltwater trips that fished primarily in the state territorial seas, and 59 percent came on trips that fished primarily in inland waters.

GULF OF MEXICO. In 2003, almost 3.3 million in-state marine recreational fishing participants took almost 23 million trips and caught over 167 million fish (excluding Texas). About 70 percent of the trips were made in west Florida, followed by 19 percent in Louisiana, 6 percent in Alabama, and 5 percent in Mississippi. The most commonly caught non-bait species (in numbers of fish) were spotted seatrout, red drum, gray snapper, white grunt, sand seatrout, Spanish mackerel, and Atlantic croaker. The largest harvests by weight were for red drum, spotted seatrout, sheepshead, red snapper, king mackerel, and Spanish mackerel.

Red snapper catch has varied over the last ten years between 1.5 (1995) and 3.2 (1999 and 2002) million fish, with a total catch of over 2.9 million in 2003. King mackerel catch has varied between 420,000 (1999) and 750,000 (1996) over the last ten years, with catch at 398,000 in 2003. Spotted seatrout catch has varied between 19 million and 28 million over the last ten years, with a catch of over 28 million in 2003. Red drum catch varied over the last ten years between 5.9 million (1994) and 8.7 million (2000), reaching 8.6 million in 2003.

The species most commonly caught on Gulf of Mexico trips that fished primarily in federally managed waters were white grunt, red snapper and black sea bass. Twenty-seven percent of the total Gulf catch came on trips that fished primarily in the state territorial seas, and 63 percent came on trips that fished primarily in inland waters.

PACIFIC. In 2003, about 2.5 million in-state marine recreational fishing participants took over 7.6 million trips and caught a total of 30 million fish. Eighty-five percent of the trips were made in CA, followed by 8 percent in WA, and 7 percent in OR. The most commonly caught non-bait species (in numbers of fish) were barred sand bass, kelp bass, black rockfish, lingcod, white croaker, coho salmon, barred surf perch, and California halibut. By weight, the largest harvests were Chinook salmon, albacore, lingcod, black rockfish, California halibut, and barred sand bass.

Total annual catch of lingcod, which has varied between 240,000 (1995) and 584,000 (2000) fish over the last ten years, reached 1.1 million in 2003. Most of this increase was due to fish released alive (744,000 in 2003). Total black rockfish catch, which has varied between 600,000 (1997) and 1.4 million (2000) fish over the last ten years, and exceeded 1.2 million fish in 2002, increased to 1.3 million fish in 2003

The most commonly caught Pacific coast species in federally managed waters were sanddabs, barred sand bass, Pacific barracuda, kelp bass, Chinook salmon, and California scorpionfish. Sixty-four percent of the total Pacific catch came from trips that fished primarily in the state territorial seas, and 24 percent came from trips that fished primarily in inland waters.

PUERTO RICO. In 2003, about 220,000 marine recreational participants took 1.1 million trips and caught a total of about 1.7 million fish. The most commonly caught non-bait species (in numbers of fish) were dolphin, silk snapper, yellowtail snapper, and lane snapper. By weight, the largest harvests were dolphin, wahoo, blue marlin, great barracuda, and silk snapper.

HAWAII. In 2003, about 440,000 marine recreational participants took 2.4 million trips and caught a total of about 12.5 million fish. The most commonly caught non-bait species (in numbers of fish) were iridescent cardinalfish, mackerel scad, bigeye scad, yellowstripe goatfish, skipjack tuna, and yellowfin tuna. By weight, the largest harvests were yellowfin tuna, wahoo, skipjack tuna, highfin rudderfish, hawaiian flagtail, and yellowstripe goatfish.

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U.S. RECREATIONAL HARVEST (A+B1), BY SPECIES, 2002 AND 2003

Species	2002			2003			Average (1999-03) Thousand pounds
	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)	
Anchovies **							
Northern Anchovy	7	3	176	6	3	137	112
Other Anchovies	(1)	(1)	5	8	4	64	9
Barracudas	813	369	130	1,148	521	206	5,644
Bluefish	11,752	5,331	5,495	13,526	6,135	6,243	58,764
California Scorpionfish	310	141	251	197	89	171	1,377
Cartilaginous Fishes							
Dogfish Sharks **	71	32	110	171	78	66	632
Skates/Rays **	117	53	89	170	77	90	795
Spiny Dogfish	60	27	11	40	18	6	301
Other Sharks **	1,470	667	241	1,289	584	255	11,079
Catfishes							
Freshwater Catfishes	177	80	160	1,261	572	830	2,323
Saltwater Catfishes	748	339	533	880	399	592	4,360
Cods And Hakes							
Atlantic Cod	4,477	2,031	644	5,405	2,452	707	24,668
Pacific Cod	(1)	(1)	1	26	12	3	28
Pacific Hake	3	1	2	(1)	(1)	(1)	5
Pacific Tomcod	1	(1)	4	(1)	(1)	2	2
Pollock	841	382	239	206	93	158	3,542
Red Hake	17	8	25	4	2	48	116
Other Cods/Hakes	411	187	121	285	129	183	1,806
Croakers							
California Corbina	15	7	20	4	2	2	46
Queenfish	60	27	579	56	25	314	174
White Croaker	174	79	388	192	87	425	784
Other Croakers	512	232	174	630	286	99	2,872
Dolphinfishes **	14,797	6,712	1,822	14,866	6,743	2,083	78,981
Drums							
Atlantic Croaker	9,445	4,284	12,389	9,707	4,403	11,509	49,064
Black Drum	3,363	1,525	941	4,451	2,019	1,161	18,535
Kingfishes	2,059	934	4,122	2,733	1,240	5,655	13,713
Red Drum	12,755	5,786	2,827	14,682	6,660	3,151	68,577
Sand Seatrout	1,729	784	3,074	1,556	706	3,062	10,709
Silver Perch	32	15	216	55	25	314	345
Spot	2,315	1,050	5,336	4,556	2,067	9,274	14,246
Spotted Seatrout	10,756	4,879	8,143	13,206	5,990	10,496	67,869
Weakfish **	2,193	995	1,172	865	392	498	13,079
Other Drum	251	114	674	72	33	352	706
Eels **							
Other Eels	4	2	19	6	3	69	46
Hawaiian Flagtail	-	-	-	177	80	419	177
Flounders							
California Halibut **	1,718	779	251	1,842	835	199	7,937
Gulf Flounder	242	110	173	259	117	200	1,316
Rock Sole	26	12	41	5	2	3	59
Sanddabs	829	376	3,489	110	50	493	1,453
Southern Flounder	1,326	601	903	1,758	797	1,202	7,921
Starry Flounder	26	12	14	30	13	12	98

See footnotes at end of table.

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Species	2002			2003			Average (1999-03)
	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds
Summer Flounder	8,029	3,642	3,281	11,663	5,290	4,578	56,251
Winter Flounder	584	265	469	774	351	624	5,450
Other Flounders **	441	200	134	319	145	94	2,262
Goatfishes							
Bandtail Goatfish	-	-	-	3	1	66	3
Manybar Goatfish	-	-	-	9	4	39	19
Whitesaddle Goatfish	-	-	-	51	23	91	53
Yellowstripe Goatfish	-	-	-	155	70	556	155
Other Goatfishes	-	-	-	33	15	42	54
Greenlings							
Kelp Greenling	218	99	182	128	58	131	806
Lingcod	2,222	1,008	270	2,774	1,258	367	8,683
Other Greenlings	21	10	22	35	16	31	109
Grunts							
Pigfish	422	191	1,323	425	193	1,193	2,153
White Grunt	2,228	1,011	2,564	1,998	906	2,245	9,947
Other Grunts	116	53	561	148	67	749	954
Hawkfishes	-	-	-	(1)	(1)	28	(1)
Herrings **							
Pacific Herring	291	132	1,895	27	12	158	405
Other Herrings	1,102	500	48,171	787	357	48,335	4,273
Jacks							
Bigeye Scad	-	-	-	160	72	590	234
Bigeye Trevally	-	-	-	2	1	9	2
Blue Runner	1,592	722	2,368	2,143	972	2,660	8,559
Bluefin Trevally	-	-	-	117	53	58	135
Crevalle Jack	902	409	708	1,157	525	545	7,433
Florida Pompano	635	288	528	1,014	460	892	3,830
Giant Trevally	-	-	-	129	59	32	134
Greater Amberjack	2,744	1,245	158	3,203	1,453	182	12,422
Island Jack	-	-	-	21	9	17	50
Mackerel Scad	-	-	-	9	4	1,360	245
Whitemouth Trevally	-	-	-	41	19	26	41
Yellowtail	711	322	54	843	382	82	5,853
Other Jacks	781	354	3,325	627	284	2,226	3,357
Mullets **							
Other Mullets	2,490	1,129	9,768	3,405	1,545	9,714	14,710
Pacific Barracuda	2,049	929	440	941	427	193	7,481
Porgies							
Pinfishes	2,142	972	8,868	2,221	1,007	6,772	10,609
Red Porgy	80	36	72	103	47	97	425
Scup **	3,624	1,644	3,647	8,484	3,848	9,452	23,700
Sheepshead	4,983	2,260	1,972	7,849	3,560	3,095	29,415
Other Porgies **	95	43	203	125	57	220	641
Puffers	196	89	355	177	80	257	730
Rockfishes							
Black Rockfish	2,345	1,064	1,117	2,597	1,178	1,189	11,737
Blue Rockfish	985	447	772	560	254	479	3,434
Bocaccio	296	134	121	25	11	8	1,465

See footnotes at end of table.

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Species	2002			2003			Average (1999-03)
	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds
Brown Rockfish	221	100	151	331	150	208	1,041
Canary Rockfish	89	41	47	66	30	32	890
Chilipepper	85	39	45	0	0	0	336
Copper Rockfish	107	49	75	99	45	55	721
Gopher Rockfish	336	152	352	224	101	225	1,106
Greenspotted Rockfish	17	8	35	1	1	1	234
Olive Rockfish	178	81	151	96	43	73	595
Quillback Rockfish	52	24	26	41	18	19	297
Widow Rockfish	23	10	21	(1)	(1)	1	292
Yellowtail Rockfish	273	124	201	93	42	61	1,863
Other Rockfishes **	1,159	526	1,157	1,046	475	975	5,671
Sablefishes	58	26	14	18	8	2	79
Sculpins							
Cabezon	219	99	62	265	120	70	1,131
Other Sculpins	14	6	60	3	1	28	43
Sea Basses							
Barred Sand Bass	2,534	1,149	1,776	1,519	689	1,019	8,055
Black Sea Bass	5,248	2,380	4,223	3,992	1,811	4,023	20,734
<i>Epinephelus</i> Groupers **	2,012	913	330	1,650	748	286	9,107
Kelp Bass	784	356	569	748	339	514	3,387
<i>Mycteroperca</i> Groupers **	4,435	2,012	577	4,417	2,004	579	23,719
Spotted Sand Bass	67	30	52	81	37	66	332
Other Sea Basses	123	56	376	141	64	499	506
Sea Chubs **							
Halfmoon	145	66	165	36	16	40	423
Highfin Rudderfish	-	-	-	454	206	124	454
Opaleye	70	32	48	27	12	25	289
Other Sea Chubs	2	1	1	135	61	79	139
Searobins	156	71	200	77	35	195	545
Silversides							
Jacksmelt	149	68	333	264	120	585	841
Other Silversides	35	16	311	10	4	634	83
Smelts **							
Surf Smelt	312	141	4,174	143	65	1,595	942
Other Smelts	(1)	(1)	7	(1)	(1)	2	(1)
Snappers							
Blacktail Snapper	-	-	-	19	8	40	19
Bluestripe Snapper	-	-	-	35	16	114	43
Gray Snapper	1,907	865	1,158	2,603	1,181	1,550	9,593
Green Jobfish	-	-	-	118	53	19	118
Lane Snapper	210	95	228	326	148	361	1,420
Pink Snapper	-	-	-	104	47	45	104
Red Snapper	4,761	2,159	1,159	4,200	1,905	1,029	21,205
Vermilion Snapper	479	217	451	524	238	500	2,607
Yellowtail Snapper	336	152	293	455	207	390	1,733
Other Snappers **	598	271	220	1,029	467	359	3,094
Squirrel/Soldierfishes							
Bigscale Soldierfish	-	-	-	4	2	46	4
Whitetail Soldierfish	-	-	-	11	5	149	11

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	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds
Other Soldierfishes	-	-	-	(1)	(1)	1	5
Sturgeons	403	183	18	1,178	534	42	3,442
Surfperches							
Barred Surfperch	117	53	166	293	133	366	703
Black Perch	40	18	50	39	18	70	173
Pile Perch	38	17	43	34	15	33	139
Redtail Surfperch	45	20	53	117	53	120	452
Shiner Perch	10	4	226	5	2	80	41
Silver Surfperch	5	2	21	9	4	33	52
Striped Seaperch	85	39	101	70	32	88	323
Walleye Surfperch	17	8	93	42	19	151	116
White Seaperch	8	4	26	7	3	18	44
Other Surfperches	66	30	122	39	18	103	229
Surgeonfishes	-	-	-	136	62	548	197
Temperate Basses							
Striped Bass	18,970	8,604	1,901	23,308	10,572	2,580	94,974
White Perch	659	299	1,382	1,202	545	2,700	3,266
Toadfishes	1	1	19	2	1	18	4
Trigerfishes/Filefishes	920	417	454	967	438	518	3,941
Tunas And Mackerels							
Atlantic Mackerel	2,852	1,294	3,663	1,698	770	2,460	14,070
Chub Mackerel	701	318	948	753	341	1,532	3,634
Kawakawa	-	-	-	5	2	9	23
King Mackerel **	6,846	3,106	693	7,787	3,532	814	38,105
Little Tunny/Atl. Bonito **	1,972	894	272	1,470	667	201	10,536
Pacific Bonito **	10	4	6	166	75	70	375
Spanish Mackerel	5,217	2,366	3,334	4,163	1,888	2,695	23,153
Other Tunas/Mackerels **	13,494	6,121	877	35,521	16,112	1,675	110,552
Wrasses							
California Sheephead	188	85	74	144	65	48	875
Cunner	17	8	64	34	15	33	164
Hawaiian Hogfish	-	-	-	5	2	9	8
Razorfishes	-	-	-	126	57	235	130
Tautog	5,431	2,464	1,501	2,358	1,070	731	16,470
Other Wrasses	171	78	92	243	110	214	853
Other Fishes **	14,541	6,595	5,611	10,972	4,977	12,177	69,663
Grand Total	228,244	103,531	189,211	271,010	122,919	207,467	--

(1) Number or pounds less than 1,000 or less than 1 metric ton.

Note:-- ** Fish included in these groups are not equivalent to those with similar names listed in the commercial tables.

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U.S. RECREATIONAL HARVEST (A+B1), BY MODE OF FISHING AND SPECIES GROUP, 2003

Species	Charter boat						Private/Rental boat						Shore			Grand Total		
	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)
Anchovies**																		
Northern Anchovy	-	-	-	2	1	34	4	2	103	4	2	103	6	3	137			
Other Anchovies	-	-	-	-	-	-	8	4	64	8	4	64	8	4	64			
Barracudas	144	65	14	795	361	124	209	95	68	209	95	68	1,148	521	206			
Bluefish	1,654	750	559	8,100	3,674	3,135	3,772	1,711	2,549	3,772	1,711	2,549	13,526	6,135	6,243			
California Scorpionfish	116	53	102	81	37	69	(1)	(1)	(1)	(1)	(1)	(1)	197	89	171			
Cartilaginous Fishes																		
Dogfish Sharks**	29	13	10	135	61	52	7	3	5	7	3	5	171	78	66			
Skates/Rays**	2	1	1	104	47	60	64	29	29	64	29	29	170	77	90			
Spiny Dogfish	1	(1)	(1)	39	18	4	(1)	(1)	2	(1)	(1)	2	40	18	6			
Other Sharks**	222	101	28	814	369	171	253	115	56	253	115	56	1,289	584	255			
Catfishes																		
Freshwater Catfishes	2	1	3	898	407	652	361	164	175	361	164	175	1,261	572	830			
Saltwater Catfishes	6	3	3	576	261	372	297	135	217	297	135	217	880	399	592			
Cods And Hakes																		
Atlantic Cod	1,239	562	233	4,166	1,890	475	-	-	-	-	-	-	5,405	2,452	707			
Pacific Cod	(1)	(1)	(1)	26	12	3	-	-	-	-	-	-	26	12	3			
Pacific Hake	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)			
Pacific Tomcod	-	-	-	(1)	(1)	(1)	(1)	(1)	2	(1)	(1)	2	(1)	(1)	2			
Pollock	81	37	23	121	55	128	4	2	7	4	2	7	206	93	158			
Red Hake	2	1	45	2	1	3	-	-	-	-	-	-	4	2	48			
Other Cods/Hakes	188	85	87	97	44	95	(1)	(1)	(1)	(1)	(1)	(1)	285	129	183			
Croakers																		
California Corbina	-	-	-	(1)	(1)	(1)	4	2	2	4	2	2	4	2	2			
Queenfish	(1)	(1)	1	1	1	7	54	25	307	54	25	307	56	25	314			
White Croaker	6	3	14	85	38	175	101	46	236	101	46	236	192	87	425			
Other Croakers	196	89	16	375	170	37	58	26	46	58	26	46	630	286	99			
Dolphinfishes**	3,113	1,412	464	11,381	5,163	1,597	372	169	22	372	169	22	14,866	6,743	2,083			
Drums																		
Atlantic Croaker	275	125	625	7,804	3,540	8,456	1,628	739	2,428	1,628	739	2,428	9,707	4,403	11,509			
Black Drum	272	123	38	3,066	1,391	690	1,113	505	432	1,113	505	432	4,451	2,019	1,161			
Kingfishes	14	6	21	1,287	584	2,541	1,432	649	3,093	1,432	649	3,093	2,733	1,240	5,655			
Red Drum	1,806	819	221	11,952	5,421	2,762	923	419	169	923	419	169	14,682	6,660	3,151			
Sand Seatrout	22	10	36	1,281	581	2,510	253	115	516	253	115	516	1,556	706	3,062			
Silver Perch	(1)	(1)	(1)	5	2	24	50	23	290	50	23	290	55	25	314			
Spot	207	94	602	2,852	1,294	5,184	1,497	679	3,488	1,497	679	3,488	4,556	2,067	9,274			
Spotted Seatrout	867	393	594	11,736	5,324	9,539	603	273	364	603	273	364	13,206	5,990	10,496			
Weakfish**	8	3	22	760	345	423	97	44	52	97	44	52	865	392	498			
Other Drum	(1)	(1)	2	19	9	78	52	24	273	52	24	273	72	33	352			
Eels**																		
Other Eels	(1)	(1)	1	5	2	20	(1)	(1)	48	(1)	(1)	48	6	3	69			
Hawaiian Flagtail	-	-	-	2	1	2	174	79	417	174	79	417	177	80	419			

See footnotes at end of table.

U.S. Marine Recreational Fisheries

U.S. RECREATIONAL HARVEST (A+B1), BY MODE OF FISHING AND SPECIES GROUP, 2003

Species	Mode of fishing						Shore			Grand Total					
	Charter boat		Private/Rental boat		Shore		Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)			
	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)							Thousand pounds	Metric tons	Total Numbers (thousands)
Flounders															
California Halibut **			14		753	180	1,661	753	180	39	17	5	1,842	835	199
Gulf Flounder	5	2	5		85	139	188	85	139	65	30	56	259	117	200
Rock Sole	1	(1)	1		2	3	4	2	3	-	-	-	5	2	3
Sanddabs	66	30	234		19	250	42	19	250	1	1	10	110	50	493
Southern Flounder	72	33	34		570	882	1,257	570	882	429	194	285	1,758	797	1,202
Starry Flounder	-	-	-		12	9	27	12	9	3	1	2	30	13	12
Summer Flounder	1,086	493	389		4,594	3,982	10,128	4,594	3,982	449	204	207	11,663	5,290	4,578
Winter Flounder	60	27	53		291	518	641	291	518	73	33	52	774	351	624
Other Flounders **	127	58	15		87	65	191	87	65	(1)	(1)	14	319	145	94
Goatfishes															
Bandtail Goatfish	-	-	-		-	-	-	-	-	3	1	66	3	1	66
Manybar Goatfish	-	-	-		2	10	4	2	10	5	2	29	9	4	39
Whitesaddle Goatfish	-	-	-		3	3	6	3	3	45	20	89	51	23	91
Yellowstripe Goatfish	-	-	-		3	2	7	3	2	148	67	554	155	70	556
Other Goatfishes	(1)	(1)	-		13	37	28	13	37	6	3	5	33	15	42
Greenlings															
Kelp Greenling	18	8	12		36	81	79	36	81	31	14	37	128	58	131
Lingcod	441	200	60		1,034	297	2,280	1,034	297	53	24	10	2,774	1,258	367
Other Greenlings	(1)	(1)	(1)		1	3	3	1	3	32	14	28	35	16	31
Grunts															
Pigfish	1	(1)	2		117	698	258	117	698	167	76	493	425	193	1,193
White Grunt	170	77	162		810	2,015	1,785	810	2,015	43	20	67	1,998	906	2,245
Other Grunts	1	1	6		44	444	96	44	444	50	23	299	148	67	749
Hawkfishes	-	-	-		-	-	-	-	-	(1)	(1)	28	(1)	(1)	28
Herrings **															
Pacific Herring	(1)	(1)	(1)		8	94	17	8	94	10	4	63	27	12	158
Other Herrings	1	1	167		86	26,872	189	86	26,872	597	271	21,296	787	357	48,335
Jacks															
Bigeye Scad	-	-	-		(1)	22	(1)	(1)	22	160	72	569	160	72	590
Bigeye Trevally	-	-	-		1	4	2	1	4	(1)	(1)	5	2	1	9
Blue Runner	35	16	35		455	1,020	1,003	455	1,020	1,105	501	1,605	2,143	972	2,660
Bluefin Trevally	-	-	-		17	10	38	17	10	79	36	48	117	53	58
Crevalle Jack	21	10	4		234	198	516	234	198	619	281	343	1,157	525	545
Florida Pompano	23	10	15		115	137	254	115	137	737	334	739	1,014	460	892
Giant Trevally	-	-	-		2	2	5	2	2	124	56	30	129	59	32
Greater Amberjack	1,468	666	82		749	97	1,652	749	97	83	37	3	3,203	1,453	182
Island Jack	-	-	-		7	14	16	7	14	4	2	3	21	9	17
Mackerel Scad	-	-	-		4	1,360	9	4	1,360	-	-	-	9	4	1,360
Whitemouth Trevally	-	-	-		-	-	-	-	-	41	19	26	41	19	26
Yellowtail	163	74	22		308	60	680	308	60	-	-	-	843	382	82
Other Jacks	163	74	140		77	1,031	169	77	1,031	295	134	1,055	627	284	2,226

See footnotes at end of table.

U.S. Marine Recreational Fisheries

U.S. RECREATIONAL HARVEST (A+B1), BY MODE OF FISHING AND SPECIES GROUP, 2003

Species	Mode of fishing						Grand Total		
	Charter boat			Private/Rental boat			Shore		
	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)
Mullets **									
Other Mullets	2	1	6	1,597	724	5,699	1,806	819	4,009
Pacific Barracuda	706	320	146	232	105	46	3	1	193
Porgies									
Pinfishes	7	3	21	1,222	554	3,696	992	450	3,054
Red Porgy	48	22	40	55	25	57	-	-	97
Scup **	825	374	1,330	6,993	3,172	7,264	665	302	859
Sheepshead	1,149	521	461	4,995	2,266	1,970	1,705	773	664
Other Porgies **	21	9	19	96	44	147	8	4	54
Puffers	1	(1)	1	18	8	38	158	72	218
Rockfishes									
Black Rockfish	928	421	398	1,657	752	778	13	6	12
Blue Rockfish	154	70	154	405	184	324	1	(1)	1
Bocaccio	3	2	1	22	10	7	(1)	(1)	8
Brown Rockfish	77	35	52	251	114	152	3	1	4
Canary Rockfish	21	9	9	45	20	23	-	-	32
Chilipepper	(1)	(1)	(1)	(1)	(1)	(1)	-	-	(1)
Copper Rockfish	27	12	15	70	32	39	1	1	55
Gopher Rockfish	46	21	50	177	80	174	1	(1)	225
Greenspotted Rockfish	(1)	(1)	(1)	1	1	1	-	-	1
Olive Rockfish	31	14	28	64	29	44	(1)	(1)	73
Quillback Rockfish	10	5	4	30	14	15	-	-	19
Widow Rockfish	(1)	(1)	1	(1)	(1)	1	-	-	1
Yellowtail Rockfish	53	24	34	40	18	27	1	(1)	61
Other Rockfishes **	285	129	387	745	338	576	17	8	975
Sablefishes	8	4	1	10	4	1	-	-	2
Sculpins									
Cabezon	40	18	8	188	85	48	37	17	14
Other Sculpins	(1)	(1)	(1)	(1)	(1)	19	3	1	28
Sea Basses									
Barred Sand Bass	826	375	587	691	313	428	2	1	689
Black Sea Bass	1,795	814	2,143	2,187	992	1,862	10	4	1,019
<i>Epinephelus</i> Groupers **	346	157	55	1,291	586	225	13	6	4,023
Kelp Bass	276	125	222	468	212	288	4	2	286
<i>Mycteroperca</i> Groupers **	923	418	117	3,489	1,583	462	5	2	514
Spotted Sand Bass	(1)	(1)	(1)	74	33	60	7	3	579
Other Sea Basses	4	2	8	127	58	407	10	5	66
Sea Chubs **									
Halfmoon	19	9	20	14	7	16	3	1	40
Highfin Rudderfish	-	-	-	-	-	-	454	206	124
Opaleye	4	2	3	12	5	10	11	5	25
Other Sea Chubs	1	(1)	(1)	(1)	(1)	(1)	134	61	79

See footnotes at end of table.

U.S. Marine Recreational Fisheries

U.S. RECREATIONAL HARVEST (A+B1), BY MODE OF FISHING AND SPECIES GROUP, 2003

Species	Mode of fishing						Grand Total					
	Charter boat		Private/Rental boat		Shore		Thousand pounds	Metric tons	Total Numbers (thousands)			
	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)						
Searobins	8	4	14	20	9	70	49	22	111	77	35	195
Silversides												
Jacksmelt	1	(1)	1	137	62	286	126	57	298	264	120	585
Other Silversides	(1)	(1)	(1)	1	(1)	33	9	4	600	10	4	634
Smelts **												
Surf Smelt	-	-	-	(1)	(1)	(1)	143	65	1,595	143	65	1,595
Other Smelts	-	-	-	-	-	-	(1)	(1)	2	(1)	(1)	2
Snappers												
Blacktail Snapper	-	-	-	(1)	(1)	12	19	8	27	19	8	40
Bluestripe Snapper	(1)	(1)	-	24	11	38	11	5	76	35	16	114
Gray Snapper	371	168	144	1,989	902	1,164	243	110	242	2,603	1,181	1,550
Green Jobfish	-	-	-	76	35	12	41	19	7	118	53	19
Lane Snapper	35	16	29	265	120	287	26	12	45	326	148	361
Pink Snapper	-	-	-	104	47	25	(1)	(1)	19	104	47	45
Red Snapper	1,927	874	525	2,273	1,031	504	(1)	(1)	(1)	4,200	1,905	1,029
Vermilion Snapper	244	111	213	279	126	286	1	(1)	1	524	238	500
Yellowtail Snapper	129	59	89	313	142	284	13	6	17	455	207	390
Other Snappers **	68	31	11	857	389	302	104	47	47	1,029	467	359
Squirrel/Soldierfishes												
Bigscale Soldierfish	-	-	-	4	2	2	(1)	(1)	43	4	2	46
Whitlip Soldierfish	-	-	-	11	5	13	(1)	(1)	136	11	5	149
Other Soldierfishes	-	-	-	(1)	(1)	1	-	-	-	(1)	(1)	1
Sturgeons	78	35	4	1,053	478	37	47	21	1	1,178	534	42
Surperches												
Barred Surperch	-	-	-	2	1	2	292	132	364	293	133	366
Black Perch	(1)	(1)	1	13	6	16	27	12	54	39	18	70
Pile Perch	(1)	(1)	(1)	14	6	15	20	9	18	34	15	33
Redtail Surperch	-	-	-	15	7	13	101	46	106	117	53	120
Shiner Perch	(1)	(1)	(1)	(1)	(1)	1	5	2	79	5	2	80
Silver Surperch	-	-	-	(1)	(1)	(1)	9	4	33	9	4	33
Striped Seaperch	(1)	(1)	(1)	27	12	37	43	20	51	70	32	88
Walleye Surperch	-	-	-	3	1	3	40	18	148	42	19	151
White Seaperch	(1)	(1)	1	(1)	(1)	1	6	3	16	7	3	18
Other Surperches	(1)	(1)	1	10	5	10	29	13	93	39	18	103
Surgeonfishes	-	-	-	16	7	70	119	54	478	136	62	548
Temperate Bases												
Striped Bass	2,522	1,144	413	18,834	8,543	1,967	1,951	885	199	23,308	10,572	2,580
White Perch	6	3	19	1,072	486	2,311	123	56	369	1,202	545	2,700
Toadfishes	(1)	(1)	(1)	2	1	8	(1)	(1)	10	2	1	18
Triggerfishes/Filefishes	280	127	141	646	293	362	40	18	14	967	438	518

See footnotes at end of table.

U.S. Marine Recreational Fisheries

U.S. RECREATIONAL HARVEST (A+B1), BY MODE OF FISHING AND SPECIES GROUP, 2003

Species	Mode of fishing						Grand Total		
	Charter boat		Private/Rental boat		Shore		Thousand pounds	Metric tons	Total Numbers (thousands)
	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)
Tunas And Mackerels									
Atlantic Mackerel	116	53	160	1,310	594	1,872	272	123	428
Chub Mackerel	56	25	74	237	108	300	459	208	1,158
Kawakawa	-	-	-	5	2	9	-	-	-
King Mackerel **	1,239	562	143	6,116	2,774	636	432	196	35
Little Tunny/Atl. Bonito **	332	151	47	973	442	132	164	75	23
Pacific Bonito **	60	27	28	100	45	40	7	3	3
Spanish Mackerel	345	157	210	2376	1078	1456	1441	654	1029
Other Tunas/Mackerels **	7,736	3,509	354	27,636	12,535	1,305	149	68	17
Wrasses									
California Sheephead	32	14	15	111	50	32	1	1	1
Cunner	30	14	18	2	1	3	2	1	11
Hawaiian Hogfish	-	-	-	5	2	4	(1)	(1)	5
Razorfishes	(1)	(1)	-	126	57	235	-	-	-
Tautog	236	107	108	1,780	807	530	342	155	93
Other Wrasses	5	2	3	220	100	139	18	8	72
Other Fishes **	1,757	797	497	8,064	3,658	2,813	1,151	522	8,867
Grand Total	40,785	18,499	14,801	196,190	88,991	122,543	33,028	14,981	69,878
				196,190	88,991	122,543	270,020	122,470	207,225

(1) Number or pounds less than 1,000 or less than 1 metric ton.

Note:-- ** Fish included in these groups are not equivalent to those with similar names listed in the commercial tables.

U.S. Marine Recreational Fisheries

U.S. RECREATIONAL HARVEST (A+B1), BY DISTANCE FROM SHORE AND SPECIES GROUP, 2003

Species	Distance from U.S. shores						Grand Total	
	Inland		0 to 3 miles (2) (State Territorial Sea)		3 to 200 miles (Exclusive Economic Zone)		Thousand pounds	Metric tons
	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons
Anchovies **								
Northern Anchovy	3	1	47	3	1	90	6	3
Other Anchovies	-	-	-	8	4	64	8	4
Barracudas	112	51	33	610	277	118	1,148	521
Bluefish	7,093	3,217	3,217	4,597	2,085	2,539	13,526	6,243
California Scorpionfish	18	8	15	85	39	75	197	89
Cartilaginous Fishes								
Dogfish Sharks **	127	58	50	17	8	8	171	78
Skates/Rays **	149	67	73	22	10	17	170	77
Spiny Dogfish	15	7	3	24	11	2	40	18
Other Sharks **	415	188	94	507	230	98	1,289	584
Catfishes								
Freshwater Catfishes	1,261	572	830	(1)	(1)	(1)	1,261	572
Saltwater Catfishes	546	248	367	330	150	222	880	399
Cods And Hakes								
Atlantic Cod	2	1	1	280	127	62	5,405	2,452
Pacific Cod	(1)	(1)	(1)	26	12	3	26	12
Pacific Hake	-	-	-	(1)	(1)	(1)	(1)	(1)
Pacific Tomcod	(1)	(1)	(1)	(1)	(1)	2	(1)	(1)
Pollock	52	24	27	59	27	25	206	93
Red Hake	(1)	(1)	(1)	(1)	(1)	(1)	4	2
Other Cods/Hakes	3	1	7	6	3	15	285	129
Croakers								
California Corbina	(1)	(1)	(1)	4	2	2	4	2
Queenfish	35	16	200	20	9	112	56	25
White Croaker	110	50	237	78	35	174	192	87
Other Croakers	57	26	31	569	258	67	630	286
Dolphinfishes **	216	98	11	1,722	781	209	14,866	6,743
Drums								
Atlantic Croaker	8,555	3,881	10,167	765	347	946	9,707	4,403
Black Drum	3,653	1,657	783	753	342	370	4,451	2,019
Kingfishes	1,455	660	2,968	1,251	567	2,631	2,733	1,240
Red Drum	12,184	5,527	2,737	2,262	1,026	372	14,682	6,660
Sand Seatrout	1,377	625	2,762	160	72	262	1,556	706
Silver Perch	28	13	141	27	12	173	55	25
Spot	3,185	1,445	6,055	1,365	619	3,206	4,556	2,067
Spotted Seatrout	11,092	5,031	9,029	2,028	920	1,405	13,206	5,990
Weakfish **	679	308	344	176	80	132	865	392
Other Drum	28	12	106	44	20	245	72	33
Eels **								
Other Eels	6	3	47	(1)	(1)	16	6	3
Hawaiian Flagtail	(1)	(1)	7	177	80	412	177	80

See footnotes at end of table.

U.S. Marine Recreational Fisheries

U.S. RECREATIONAL HARVEST (A+B1), BY DISTANCE FROM SHORE AND SPECIES GROUP, 2003

Species	Distance from U.S. shores						3 to 200 miles (Exclusive Economic Zone)			Grand Total		
	Inland			0 to 3 miles (2) (State Territorial Sea)			Thousand pounds			Metric tons		
	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)
Flounders												
California Halibut **			86	1,058	480	109	25	11	4	1,842	835	199
Gulf Flounder	135	61	120	99	45	66	25	11	14	259	117	200
Rock Sole	(1)	(1)	1	3	2	2	1	1	1	5	2	3
Sanddabs	2	1	11	36	17	201	71	32	281	110	50	493
Southern Flounder	1,401	636	1,001	328	149	182	29	13	19	1,758	797	1,202
Starry Flounder	20	9	9	10	5	3	-	-	-	30	13	12
Summer Flounder	6,943	3,149	2,825	3,775	1,712	1,373	945	429	380	11,663	5,290	4,578
Winter Flounder	664	301	524	101	46	92	8	4	8	774	351	624
Other Flounders **	13	6	30	302	137	44	3	1	20	319	145	94
Goatfishes												
Bandtail Goatfish	(1)	(1)	2	3	1	63	-	-	-	3	1	66
Manybar Goatfish	-	-	-	9	4	39	-	-	-	9	4	39
Whitesaddle Goatfish	5	2	2	46	21	89	-	-	-	51	23	91
Yellowstripe Goatfish	1	1	108	154	70	448	-	-	-	155	70	556
Other Goatfishes	3	1	8	30	14	17	(1)	(1)	17	33	15	42
Greenlings												
Kelp Greenling	64	29	77	61	27	51	4	2	3	128	58	131
Lingcod	182	83	24	2,358	1,069	316	235	106	28	2,774	1,258	367
Other Greenlings	7	3	8	28	13	23	(1)	(1)	(1)	35	16	31
Grunts												
Pigfish	291	132	770	114	52	369	20	9	54	425	193	1,193
White Grunt	167	76	226	457	207	576	1,374	623	1,443	1,998	906	2,245
Other Grunts	41	19	186	92	42	346	14	6	217	148	67	749
Hawkfishes	-	-	-	(1)	(1)	28	-	-	-	(1)	(1)	28
Herrings **												
Pacific Herring	23	10	132	4	2	26	-	-	-	27	12	158
Other Herrings	583	265	28,286	194	88	16,356	9	4	3,692	787	357	48,335
Jacks												
Bigeye Scad	(1)	(1)	83	160	72	508	-	-	-	160	72	590
Bigeye Trevally	-	-	-	2	1	9	-	-	-	2	1	9
Blue Runner	202	92	274	1,371	622	1,756	570	258	630	2,143	972	2,660
Bluefin Trevally	54	24	16	48	22	40	15	7	2	117	53	58
Crevalle Jack	546	248	268	558	253	267	53	24	10	1,157	525	545
Florida Pompano	297	135	171	717	325	720	(1)	(1)	(1)	1,014	460	892
Giant Trevally	12	5	6	117	53	26	-	-	-	129	59	32
Greater Amberjack	9	4	(1)	415	188	24	2,780	1,261	158	3,203	1,453	182
Island Jack	-	-	-	20	9	11	1	(1)	6	21	9	17
Mackerel Scad	-	-	-	9	4	54	(1)	(1)	1,306	4	4	1,360
Whitemouth Trevally	41	19	26	-	-	-	-	-	-	41	19	26
Yellowtail	-	-	-	545	247	41	298	135	41	843	382	82
Other Jacks	53	24	143	365	166	1,480	209	95	604	627	284	2,226

See footnotes at end of table.

U.S. Marine Recreational Fisheries

U.S. RECREATIONAL HARVEST (A+B1), BY DISTANCE FROM SHORE AND SPECIES GROUP, 2003

Species	Distance from U.S. shores						3 to 200 miles (Exclusive Economic Zone)			Grand Total		
	Inland			0 to 3 miles (2) (State Territorial Sea)			(Exclusive Economic Zone)			Grand Total		
	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)
Mulletts**												
Other Mulletts	3,031	1,375	7,238	355	161	2,269	19	9	207	3,405	1,545	9,714
Pacific Barracuda	22	10	4	369	167	77	550	249	112	941	427	193
Porgies												
Pinfishes	1,055	479	3,367	1,026	465	2,916	140	63	489	2,221	1,007	6,772
Red Porgy	-	-	-	8	4	9	95	43	88	103	47	97
Scup**	7,158	3,247	7,285	1,130	512	1,714	197	89	453	8,484	3,848	9,452
Sheepshead	4,998	2,267	2,037	2,630	1,193	986	220	100	72	7,849	3,560	3,095
Other Porgies**	4	2	37	59	27	109	61	28	74	125	57	220
Puffers	21	9	51	153	69	199	3	2	7	177	80	257
Rockfishes												
Black Rockfish	48	22	31	2,332	1,058	1,070	217	98	88	2,597	1,178	1,189
Blue Rockfish	3	1	2	548	249	470	9	4	7	560	254	479
Bocaccio	(1)	(1)	(1)	10	4	3	15	7	5	25	11	8
Brown Rockfish	5	2	6	312	142	190	14	6	12	331	150	208
Canary Rockfish	1	1	(1)	55	25	27	9	4	5	66	30	32
Chilipepper	-	-	-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Copper Rockfish	10	5	7	81	37	43	8	4	5	99	45	55
Gopher Rockfish	1	1	1	221	100	223	1	(1)	1	224	101	225
Greenspotted Rockfish	-	-	-	1	(1)	1	(1)	(1)	(1)	1	1	1
Olive Rockfish	(1)	(1)	(1)	93	42	70	3	1	3	96	43	73
Quillback Rockfish	4	2	3	25	11	11	12	6	5	41	18	19
Widow Rockfish	-	-	-	(1)	(1)	1	-	-	-	(1)	(1)	1
Yellowtail Rockfish	1	(1)	(1)	89	40	59	3	1	2	93	42	61
Other Rockfishes**	12	5	9	849	385	733	185	84	233	1,046	475	975
Sablefishes	-	-	-	17	8	2	(1)	(1)	1	18	8	2
Sculpins												
Cabezon	12	5	4	246	112	64	6	3	2	265	120	70
Other Sculpins	2	1	23	(1)	(1)	5	(1)	(1)	(1)	3	1	28
Sea Bases												
Barred Sand Bass	102	46	77	707	321	460	710	322	482	1,519	689	1,019
Black Sea Bass	244	111	240	834	378	691	2,913	1,321	3,091	3,992	1,811	4,023
Epinephelus Groupers**	21	9	3	259	118	66	1,370	621	217	1,650	748	286
Kelp Bass	13	6	11	631	286	422	105	48	81	748	339	514
Mycteroperca Groupers**	188	85	25	887	402	117	3,342	1,516	437	4,417	2,004	579
Spotted Sand Bass	78	36	64	2	1	2	1	(1)	(1)	81	37	66
Other Sea Bases	10	5	102	89	41	212	41	19	185	141	64	499
Sea Chubs**												
Halfmoon	(1)	(1)	1	35	16	39	(1)	(1)	(1)	36	16	40
Highfin Rudderfish	-	-	-	454	206	124	-	-	-	454	206	124
Opaleye	2	1	4	25	11	21	-	-	-	27	12	25
Other Sea Chubs	41	19	8	93	42	71	-	-	-	135	61	79

See footnotes at end of table.

U.S. Marine Recreational Fisheries

U.S. RECREATIONAL HARVEST (A+B1), BY DISTANCE FROM SHORE AND SPECIES GROUP, 2003

Species	Distance from U.S. shores						3 to 200 miles (Exclusive Economic Zone)			Grand Total		
	Inland			0 to 3 miles (2) (State Territorial Sea)			Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)
	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)						
Searobins	26	12	106	43	20	68	7	3	21	77	35	195
Silversides												
Jacksmelt	78	35	184	186	84	401	(1)	(1)	(1)	264	120	585
Other Silversides	6	3	416	4	2	218	(1)	(1)	(1)	10	4	634
Smelts**												
Surf Smelt	8	4	142	134	61	1,452	(1)	(1)	(1)	143	65	1,595
Other Smelts	(1)	(1)	(1)	(1)	(1)	2	-	-	-	(1)	(1)	2
Snappers												
Blacktail Snapper	6	3	20	13	6	18	(1)	(1)	2	19	8	40
Bluestripe Snapper	(1)	(1)	40	33	15	59	2	1	15	35	16	114
Gray Snapper	736	334	784	498	226	356	1,369	621	410	2,603	1,181	1,550
Green Jobfish	3	1	(1)	104	47	17	11	5	2	118	53	19
Lane Snapper	18	8	27	126	57	159	182	82	176	326	148	361
Pink Snapper	(1)	(1)	19	104	47	20	(1)	(1)	5	104	47	45
Red Snapper	10	4	3	388	176	134	3,803	1,725	892	4,200	1,905	1,029
Vermilion Snapper	3	1	2	49	22	63	472	214	436	524	238	500
Yellowtail Snapper	8	4	9	113	51	106	334	152	275	455	207	390
Other Snappers**	22	10	11	553	251	262	454	206	86	1,029	467	359
Squirrel/Soldierfishes												
Bigscale Soldierfish	-	-	-	4	2	46	-	-	-	4	2	46
Whitetail Soldierfish	-	-	-	11	5	149	-	-	-	11	5	149
Other Soldierfishes	-	-	-	(1)	(1)	1	-	-	-	(1)	(1)	1
Sturgeons	1,178	534	42	(1)	(1)	(1)	-	-	-	1,178	534	42
Surfperches												
Barrred Surfperch	4	2	5	290	131	361	-	-	-	293	133	366
Black Perch	20	9	38	20	9	32	(1)	(1)	(1)	39	18	70
Pile Perch	21	10	22	12	5	10	1	(1)	(1)	34	15	33
Redtail Surfperch	41	19	34	76	34	85	-	-	-	117	53	120
Shiner Perch	3	1	43	3	1	37	(1)	(1)	(1)	5	2	80
Silver Surfperch	(1)	(1)	1	9	4	32	-	-	-	9	4	33
Striped Seaperch	43	19	60	27	12	28	-	-	-	70	32	88
Walleye Surfperch	10	5	25	32	15	126	-	-	-	42	19	151
White Seaperch	4	2	10	3	1	8	(1)	(1)	(1)	7	3	18
Other Surfperches	8	4	37	31	14	66	(1)	(1)	(1)	39	18	103
Surgeonfishes	20	9	206	116	53	342	-	-	-	136	62	548
Temperate Basses												
Striped Bass	13,248	6,009	1,719	7,477	3,391	628	2,583	1,172	232	23,308	10,572	2,580
White Perch	1,181	536	2,653	20	9	47	(1)	(1)	(1)	1,202	545	2,700
Toadfishes	2	1	15	(1)	(1)	2	(1)	(1)	1	2	1	18
Triggerfishes/Fliefishes	22	10	11	281	128	161	663	301	345	967	438	518

See footnotes at end of table.

U.S. Marine Recreational Fisheries

U.S. RECREATIONAL HARVEST (A+B1), BY DISTANCE FROM SHORE AND SPECIES GROUP, 2003

Species	Distance from U.S. shores														
	Inland				0 to 3 miles (2) (State Territorial Sea)				3 to 200 miles (Exclusive Economic Zone)				Grand Total		
	Thousand pounds	Metric tons	Total Numbers (thousands)	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)
Tunas And Mackerels															
Atlantic Mackerel	531	241	687	1,206	749	340	1,206	1,206	418	190	568	568	1,698	770	2,460
Chub Mackerel	184	83	384	1,033	476	216	1,033	1,033	93	42	115	115	753	341	1,532
Kawakawa	-	-	-	6	2	1	6	6	3	1	3	3	5	2	9
King Mackerel **	38	17	6	280	2,720	1,234	280	280	5,029	2,281	528	528	7,787	3,532	814
Little Tunny/Atl. Bonito **	10	5	2	89	637	289	89	89	823	373	111	111	1,470	667	201
Pacific Bonito **	7	3	3	41	83	38	41	41	76	34	27	27	166	75	70
Spanish Mackerel	958	434	687	1,717	2,607	1,182	1,717	1,717	598	271	292	292	4,163	1,888	2,695
Other Tunas/Mackerels **	45	21	8	210	4,852	2,201	210	210	30,623	13,890	1,457	1,457	35,521	16,112	1,675
Wrasses															
California Sheephead	1	(1)	(1)	42	131	60	42	42	12	5	6	6	144	65	48
Cunner	4	2	11	3	(1)	(1)	3	3	30	14	18	18	34	15	33
Hawaiian Hogfish	-	-	-	8	5	2	8	8	(1)	(1)	1	1	5	2	9
Razorfishes	-	-	-	163	124	56	163	163	2	1	72	72	126	57	235
Tautog	1,641	744	460	157	449	204	157	157	268	122	115	115	2,358	1,070	731
Other Wrasses	4	2	5	111	84	38	111	111	155	70	97	97	243	110	214
Other Fishes **	2,465	1,118	5,884	5,712	3,451	1,565	5,712	5,712	5,056	2,294	582	582	10,972	4,977	12,177
Grand Total	104,703	47,496	111,289	69,620	76,832	34,850	69,620	69,620	99,623	45,184	26,525	26,525	281,170	127,528	207,433

(1) Number or pounds less than 1,000 or less than 1 metric ton.

(2) Except West Florida where the state territorial seas extend 0 to 10 miles.

Note: ** Fish included in these groups are not equivalent to those with similar names listed in the commercial tables.

U.S. Marine Recreational Fisheries

U.S. RECREATIONAL HARVEST (A+B1) AND TOTAL LIVE RELEASES (B2), BY SPECIES GROUP, 1994-2003

Year	Barracudas			Bluefish		
	<u>Pounds harvested</u> (thousands)	<u>Number Harvested</u> (thousands)	<u>Number Released</u> (thousands)	<u>Pounds harvested</u> (thousands)	<u>Number Harvested</u> (thousands)	<u>Number Released</u> (thousands)
1994	1,656	211	695	15,992	6,056	6,349
1995	1,627	246	673	14,901	5,411	5,552
1996	1,956	229	616	12,119	4,426	5,591
1997	1,719	162	437	14,559	5,585	7,609
1998	1,162	150	397	12,778	4,430	5,340
1999	1,192	139	393	8,612	3,856	8,022
2000	1,061	156	396	10,945	5,036	11,594
2001	1,431	180	338	13,930	7,016	14,142
2002	813	130	354	11,752	5,495	10,273
2003	1,148	206	369	13,526	6,243	9,453
Year	Cartilaginous Fishes			Cattfishes		
	<u>Pounds harvested</u> (thousands)	<u>Number Harvested</u> (thousands)	<u>Number Released</u> (thousands)	<u>Pounds harvested</u> (thousands)	<u>Number Harvested</u> (thousands)	<u>Number Released</u> (thousands)
1994	4,357	597	5,903	1,887	1,595	14,223
1995	9,956	602	5,449	1,566	1,258	13,495
1996	4,955	557	6,107	1,586	1,008	8,334
1997	4,050	565	6,794	1,886	915	8,573
1998	3,312	523	6,805	1,663	973	7,961
1999	3,109	351	6,182	998	709	7,703
2000	3,765	538	8,871	1,470	918	11,331
2001	2,544	538	11,640	1,149	747	12,271
2002	1,718	451	9,863	925	693	9,943
2003	1,670	417	12,311	2,140	1,422	13,559
Year	Cods and Hakes			Dolphinfishes		
	<u>Pounds harvested</u> (thousands)	<u>Number Harvested</u> (thousands)	<u>Number Released</u> (thousands)	<u>Pounds harvested</u> (thousands)	<u>Number Harvested</u> (thousands)	<u>Number Released</u> (thousands)
1994	5,125	1,636	1,590	12,778	2,214	236
1995	6,021	1,648	1,601	19,570	2,268	337
1996	3,907	879	831	12,484	1,665	241
1997	3,652	1,042	782	22,796	2,263	232
1998	3,551	849	1,049	11,923	1,875	186
1999	2,978	781	974	13,413	2,064	217
2000	6,501	1,507	2,062	18,044	2,403	310
2001	9,010	1,702	2,367	17,861	2,213	311
2002	5,752	1,036	1,624	14,797	1,822	142
2003	5,926	1,102	1,760	14,866	2,083	272

See footnotes at end of table.

U.S. Marine Recreational Fisheries

U.S. RECREATIONAL HARVEST (A+B1) AND TOTAL LIVE RELEASES (B2), BY SPECIES GROUP, 1994-2003

Year	Drums			Flounders		
	<u>Pounds</u> <u>harvested</u> (thousands)	<u>Number</u> <u>Harvested</u> (thousands)	<u>Number</u> <u>Released</u> (thousands)	<u>Pounds</u> <u>harvested</u> (thousands)	<u>Number</u> <u>Harvested</u> (thousands)	<u>Number</u> <u>Released</u> (thousands)
1994	38,708	48,128	46,699	13,819	9,891	15,377
1995	42,213	41,406	41,598	11,275	6,667	16,079
1996	39,068	35,110	37,941	14,862	10,526	16,087
1997	44,601	39,759	50,664	16,972	10,285	16,850
1998	41,257	36,515	44,094	16,619	9,206	19,215
1999	43,814	39,505	49,908	12,908	6,499	19,855
2000	60,216	47,254	63,076	22,870	11,739	21,998
2001	56,031	49,654	50,044	16,991	8,463	27,178
2002	44,898	38,894	50,620	13,221	8,755	17,204
2003	51,883	45,471	57,819	16,758	7,405	18,849
Year	Grunts			Herrings		
	<u>Pounds</u> <u>harvested</u> (thousands)	<u>Number</u> <u>Harvested</u> (thousands)	<u>Number</u> <u>Released</u> (thousands)	<u>Pounds</u> <u>harvested</u> (thousands)	<u>Number</u> <u>Harvested</u> (thousands)	<u>Number</u> <u>Released</u> (thousands)
1994	2,891	5,633	8,256	763	26,411	12,137
1995	3,112	5,534	7,868	976	26,010	4,947
1996	2,449	3,962	6,395	1,096	22,735	8,402
1997	2,597	4,559	6,798	1,913	36,824	3,966
1998	1,904	3,436	5,805	964	26,927	7,316
1999	2,038	3,259	7,210	649	23,278	7,625
2000	2,333	3,695	6,471	630	31,552	8,000
2001	3,345	4,847	8,647	1,193	34,872	7,311
2002	2,765	4,448	6,803	1,393	50,067	7,722
2003	2,571	4,187	6,896	813	48,493	8,564
Year	Jacks			Mulletts		
	<u>Pounds</u> <u>harvested</u> (thousands)	<u>Number</u> <u>Harvested</u> (thousands)	<u>Number</u> <u>Released</u> (thousands)	<u>Pounds</u> <u>harvested</u> (thousands)	<u>Number</u> <u>Harvested</u> (thousands)	<u>Number</u> <u>Released</u> (thousands)
1994	6,271	4,150	7,198	3,095	3,891	495
1995	4,880	3,319	5,631	2,114	4,176	594
1996	6,059	3,625	5,091	1,901	2,796	937
1997	8,181	4,954	7,178	2,474	2,857	401
1998	10,229	4,203	7,958	2,670	3,240	516
1999	6,969	3,434	6,776	2,241	5,710	904
2000	9,123	5,452	7,780	2,846	7,095	2,188
2001	9,372	7,977	10,248	3,728	7,445	2,022
2002	7,366	7,140	7,094	2,490	9,768	1,843
2003	9,465	8,680	7,954	3,405	9,714	2,206

See footnotes at end of table.

U.S. Marine Recreational Fisheries

U.S. RECREATIONAL HARVEST (A+B1) AND TOTAL LIVE RELEASES (B2), BY SPECIES GROUP, 1994-2003

Year	Porgies			Puffers		
	<u>Pounds</u> <u>harvested</u> (thousands)	<u>Number</u> <u>Harvested</u> (thousands)	<u>Number</u> <u>Released</u> (thousands)	<u>Pounds</u> <u>harvested</u> (thousands)	<u>Number</u> <u>Harvested</u> (thousands)	<u>Number</u> <u>Released</u> (thousands)
1994	10,057	13,659	13,048	97	248	893
1995	10,985	14,696	12,175	132	255	694
1996	9,182	13,475	11,114	116	247	579
1997	8,498	13,113	14,589	153	284	762
1998	7,735	10,777	13,803	63	148	615
1999	8,397	10,520	12,630	59	175	1,117
2000	13,508	16,538	17,078	117	241	1,194
2001	13,179	17,142	19,944	181	349	1,597
2002	10,924	14,762	16,961	196	355	1,427
2003	18,781	19,636	17,102	177	257	1,454
Year	Sculpins			Sea Basses		
	<u>Pounds</u> <u>harvested</u> (thousands)	<u>Number</u> <u>Harvested</u> (thousands)	<u>Number</u> <u>Released</u> (thousands)	<u>Pounds</u> <u>harvested</u> (thousands)	<u>Number</u> <u>Harvested</u> (thousands)	<u>Number</u> <u>Released</u> (thousands)
1994	188	87	289	11,791	7,921	14,502
1995	191	140	453	15,327	10,970	17,392
1996	294	164	387	10,896	7,412	12,839
1997	213	138	468	11,318	7,927	15,895
1998	312	130	319	8,483	3,561	11,886
1999	222	102	228	9,352	3,865	14,627
2000	220	80	457	15,598	7,717	26,777
2001	232	117	401	13,139	6,997	24,064
2002	233	122	542	15,203	7,903	26,498
2003	268	98	303	12,548	6,985	22,042
Year	Searobins			Snappers		
	<u>Pounds</u> <u>harvested</u> (thousands)	<u>Number</u> <u>Harvested</u> (thousands)	<u>Number</u> <u>Released</u> (thousands)	<u>Pounds</u> <u>harvested</u> (thousands)	<u>Number</u> <u>Harvested</u> (thousands)	<u>Number</u> <u>Released</u> (thousands)
1994	48	125	4,582	7,229	4,083	6,396
1995	22	101	4,710	6,161	3,533	6,591
1996	212	193	5,094	5,150	2,674	6,148
1997	242	238	5,528	7,587	3,504	8,259
1998	106	202	3,796	7,100	3,340	7,360
1999	78	122	5,950	7,344	3,384	7,331
2000	96	170	7,689	7,086	2,694	8,187
2001	138	143	8,176	7,804	3,706	6,995
2002	156	200	7,763	8,290	3,509	7,998
2003	77	195	7,989	9,412	4,407	10,068

See footnotes at end of table.

U.S. Marine Recreational Fisheries

U.S. RECREATIONAL HARVEST (A+B1) AND TOTAL LIVE RELEASES (B2), BY SPECIES GROUP, 1994-2003

Year	Temperate Basses			Toadfishes		
	<u>Pounds harvested</u> (thousands)	<u>Number Harvested</u> (thousands)	<u>Number Released</u> (thousands)	<u>Pounds harvested</u> (thousands)	<u>Number Harvested</u> (thousands)	<u>Number Released</u> (thousands)
1994	7,890	2,827	10,490	28	61	1,720
1995	13,443	2,382	12,303	1	30	1,618
1996	14,543	3,560	14,881	1	14	1,048
1997	17,682	4,315	20,155	0	33	1,119
1998	14,084	3,324	18,576	2	10	994
1999	14,839	2,564	15,527	0	9	911
2000	19,054	3,847	21,360	0	4	1,481
2001	20,209	2,748	15,428	0	7	2,094
2002	19,629	3,283	16,050	1	19	1,590
2003	24,510	5,279	19,346	2	18	1,590
Year	Triggerfishes/Filefishes			Tunas And Mackerels		
	<u>Pounds harvested</u> (thousands)	<u>Number Harvested</u> (thousands)	<u>Number Released</u> (thousands)	<u>Pounds harvested</u> (thousands)	<u>Number Harvested</u> (thousands)	<u>Number Released</u> (thousands)
1994	1,414	740	179	36,290	12,040	5,507
1995	1,208	671	192	37,436	9,258	5,810
1996	849	468	268	34,422	9,165	6,477
1997	1,086	511	232	41,198	11,504	6,654
1998	775	390	233	30,355	7,208	4,116
1999	757	390	196	33,935	8,331	3,916
2000	649	231	200	41,738	9,827	5,464
2001	649	359	242	42,120	11,430	7,302
2002	920	454	312	31,092	9,793	6,623
2003	967	518	270	51,561	9,458	6,227
Year	Wrasses			California Scorpionfish		
	<u>Pounds harvested</u> (thousands)	<u>Number Harvested</u> (thousands)	<u>Number Released</u> (thousands)	<u>Pounds harvested</u> (thousands)	<u>Number Harvested</u> (thousands)	<u>Number Released</u> (thousands)
1994	4,149	1,760	2,484	258	242	126
1995	5,131	2,058	3,288	224	212	139
1996	3,548	1,292	1,741	339	342	234
1997	2,597	930	1,820	206	243	132
1998	1,756	573	2,053	186	161	66
1999	2,958	951	3,101	297	280	105
2000	3,773	1,108	2,468	268	230	237
2001	3,051	1,031	3,062	304	293	289
2002	5,808	1,731	3,598	310	251	401
2003	2,909	1,270	2,076	197	171	353

See footnotes at end of table.

U.S. Marine Recreational Fisheries

U.S. RECREATIONAL HARVEST (A+B1) AND TOTAL LIVE RELEASES (B2), BY SPECIES GROUP, 1994-2003

Year	Croakers			Greenlings		
	<u>Pounds harvested</u> (thousands)	<u>Number Harvested</u> (thousands)	<u>Number Released</u> (thousands)	<u>Pounds harvested</u> (thousands)	<u>Number Harvested</u> (thousands)	<u>Number Released</u> (thousands)
1994	446	1,329	2,781	1,016	294	109
1995	696	1,136	687	963	252	144
1996	919	1,562	965	1,370	408	285
1997	557	773	731	1,062	299	244
1998	426	616	401	1,410	271	299
1999	692	547	530	1,516	270	249
2000	825	596	681	1,494	323	551
2001	717	657	747	1,189	294	593
2002	761	1,161	931	2,461	474	1,174
2003	882	840	789	2,938	529	863
Year	Pacific Barracuda			Rockfishes		
	<u>Pounds harvested</u> (thousands)	<u>Number Harvested</u> (thousands)	<u>Number Released</u> (thousands)	<u>Pounds harvested</u> (thousands)	<u>Number Harvested</u> (thousands)	<u>Number Released</u> (thousands)
1994	2,016	526	1,239	4,811	3,786	698
1995	2,491	563	816	4,190	2,917	665
1996	1,011	234	350	4,812	3,743	808
1997	1,700	374	475	3,797	2,987	680
1998	2,059	450	752	5,594	4,136	736
1999	1,988	423	475	6,195	4,943	478
2000	1,511	354	517	6,621	4,719	612
2001	992	311	515	5,520	3,914	786
2002	2,049	440	836	6,166	4,270	1,165
2003	941	193	373	5,180	3,329	1,391
Year	Sea Chubs			Silversides		
	<u>Pounds harvested</u> (thousands)	<u>Number Harvested</u> (thousands)	<u>Number Released</u> (thousands)	<u>Pounds harvested</u> (thousands)	<u>Number Harvested</u> (thousands)	<u>Number Released</u> (thousands)
1994	106	108	42	138	379	116
1995	225	217	31	317	818	210
1996	78	71	18	297	740	161
1997	66	58	12	169	711	438
1998	87	108	47	154	463	194
1999	92	82	14	129	396	147
2000	137	125	72	127	613	163
2001	208	191	96	210	904	241
2002	217	214	83	184	644	328
2003	651	267	32	273	1,219	469
Year	Smelts			Surfperches		
	<u>Pounds harvested</u> (thousands)	<u>Number Harvested</u> (thousands)	<u>Number Released</u> (thousands)	<u>Pounds harvested</u> (thousands)	<u>Number Harvested</u> (thousands)	<u>Number Released</u> (thousands)
1994	91	1,209	9	443	820	363
1995	122	1,418	5	709	1,181	649
1996	492	4,625	15	949	1,466	687
1997	120	1,629	35	640	1,180	755
1998	358	4,837	10	1,007	1,436	489
1999	28	1,223	9	415	700	356
2000	140	1,965	8	345	811	428
2001	319	3,667	78	426	954	524
2002	312	4,181	25	431	902	637
2003	143	1,597	143	655	1,062	1,044

(1) Number or pounds less than 1,000 or less than 1 metric ton.

U.S. Marine Recreational Fisheries

U.S. RECREATIONAL FINFISH HARVEST (A+B1) AND RELEASED (B2), BY STATE, 2002 and 2003

State	2002		
	<u>Pounds Harvested</u> (thousands)	<u>Number Harvested</u> (thousands)	<u>Number Released</u> (thousands)
California	24,274	15,834	14,635
Oregon	6,221	3,392	803
Washington	4,633	4,841	2,512
Connecticut	4,026	2,130	4,049
Maine	1,801	1,404	1,768
Massachusetts	14,196	5,115	10,582
New Hampshire	1,104	408	637
Rhode Island	4,066	2,074	3,825
Delaware	3,484	1,599	4,153
Maryland	7,102	4,317	11,408
New Jersey	15,540	7,772	17,767
New York	12,465	4,282	14,393
Virginia	14,861	12,832	17,502
Florida	59,200	91,536	86,454
Georgia	1,100	1,090	2,409
North Carolina	17,879	10,976	14,387
South Carolina	1,794	2,077	2,884
Alabama	6,895	3,270	4,091
Louisiana	21,989	10,457	14,108
Mississippi	3,159	2,536	3,592
Hawaii	--	--	--
Puerto Rico	2,454	1,266	159
Grand Total	228,243	189,208	232,118

State	2003		
	<u>Pounds Harvested</u> (thousands)	<u>Number Harvested</u> (thousands)	<u>Number Released</u> (thousands)
California	23,434	14,640	12,707
Oregon	2,975	1,030	469
Washington	1,701	1,195	555
Connecticut	6,026	2,572	3,590
Maine	748	732	1,077
Massachusetts	13,896	5,322	9,648
New Hampshire	1,451	736	975
Rhode Island	4,412	2,198	3,166
Delaware	1,827	1,177	3,431
Maryland	10,622	9,059	14,559
New Jersey	17,152	8,341	23,723
New York	18,770	9,897	14,746
Virginia	13,506	11,117	16,396
Florida	61,501	87,020	89,160
Georgia	2,203	1,993	4,922
North Carolina	22,010	13,180	14,053
South Carolina	3,781	3,208	5,841
Alabama	8,328	4,217	4,901
Louisiana	27,970	13,523	20,057
Mississippi	2,855	2,460	3,761
Hawaii	21,076	12,084	427
Puerto Rico	3,768	1,527	150
Grand Total	270,012	207,228	248,314

U.S. Marine Recreational Fisheries

U.S. RECREATIONAL NUMBERS OF ANGLERS AND TRIPS BY STATES, 2002 AND 2003

State	2002			
	Out-of-State Anglers	In-State Anglers		Number of Angler Trips
		From Coastal Counties	From Non-Coastal Counties	
----- Numbers in thousands -----				
California	299	1,632	103	14,688
Oregon	99	273	26	1,963
Washington	41	414	19	3,572
Connecticut	87	283	--	1,650
Maine	172	127	17	906
Massachusetts	344	465	96	4,206
New Hampshire	65	60	11	318
Rhode Island	214	134	--	1,512
Delaware	177	89	--	1,028
Maryland	330	430	41	2,837
New Jersey	239	400	17	5,409
New York	41	387	8	4,118
Virginia	407	337	73	3,254
Florida	2,774	3,007	--	24,722
Georgia	37	58	54	619
North Carolina	1,130	409	226	5,586
South Carolina	161	177	55	1,254
Alabama	193	123	97	1,190
Louisiana	117	484	68	3,019
Mississippi	49	175	52	1,038
Hawaii	--	--	--	--
Puerto Rico	41	197	--	1,301
Grand Total	7,017	9,661	963	84,190
State	2003			
	Out-of-State Anglers	In-State Anglers		Number of Angler Trips
		From Coastal Counties	From Non-Coastal Counties	
----- Numbers in thousands -----				
California	--	--	--	6,549
Oregon	--	--	--	502
Washington	--	--	--	614
Connecticut	112	361	--	1,564
Maine	170	165	23	919
Massachusetts	306	434	112	4,085
New Hampshire	75	91	16	416
Rhode Island	253	147	--	1,595
Delaware	199	127	--	1,104
Maryland	418	526	53	3,330
New Jersey	462	592	20	6,779
New York	82	599	19	5,525
Virginia	288	384	52	3,113
Florida	3,111	3,378	--	27,453
Georgia	42	112	113	971
North Carolina	1,298	524	281	6,733
South Carolina	270	222	79	2,098
Alabama	214	187	123	1,500
Louisiana	204	727	79	4,271
Mississippi	48	159	53	1,177
Hawaii	180	261	--	2,402
Puerto Rico	35	185	--	1,111
Grand Total	7,767	9,181	1,023	83,811

NOTE: All counties in HI, PR, RI, CT, DE, and FL are considered coastal.

NOTE: Out-of-state angler estimates are not additive across states.

NOTE: HI angler and participation data not available for 2002; CA, OR, and WA angler data not available for 2003.