

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 8 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 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 and catch reported as 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 filleted fish. 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 passenger and private 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, and in California and Washington's Puget Sound, effort for the party/charter fishing mode is now estimated through For-Hire Surveys (FHS). These 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 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. Dockside and on-board intercept surveys collect the angler trip and catch data. 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 in California or Puget Sound. This improved effort methodology was initiated in 2000 on the Gulf coast, in 2001 on the Pacific coast, and in 2003 on the Atlantic coast. FHS numbers are included here for the Gulf coast and California but not for the Atlantic coast or Puget Sound.

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COVERAGE. In 2004, the MRFSS included the Atlantic coast (Maine-East Florida), Gulf coast (Louisiana-West Florida), Puerto Rico and Hawaii. Detailed information and access to the data are available on the Fisheries Statistics web page (<http://www.st.nmfs.gov/st1/recreational/>). 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, 2004 to present; 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.

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.

2004 MRFSS DATA. In 2004, about 14 million anglers made almost 82 million marine recreational fishing trips to the Atlantic, Gulf and Pacific coasts. The estimated total marine recreational catch was 441 million fish, of which over 55 percent were released alive. The estimated total weight of harvested catch was 254 million pounds. The Atlantic coast accounted for the majority of trips (60 percent) and catch (52 percent). The Gulf coast (excluding Texas, see MRFSS coverage page) accounted for 30 percent of trips, and 43 percent of the catch. The Pacific coast accounted for 6 percent of trips, and 4 percent of the catch. Nationally, most (56 percent in numbers of fish) of the recreational catch came from inland waters, 32 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 2004, over 6.4 million residents participated in marine recreational fishing. All participants, including visitors, took over 48 million trips and caught a total of more than 229 million fish. Twenty-two percent of the trips were made in east Florida, followed by 15 percent in North Carolina, 14 percent in New Jersey, 9 percent in New York, 9 percent in Massachusetts, 7 percent in Virginia, and 6 percent in Maryland. 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 spot. The largest harvests by weight were striped bass, bluefish, summer flounder, Atlantic croaker and dolphinfish.

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The total annual catch of striped bass increased steadily from 10.8 million fish in 1995 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, increased to 17.3 million fish in 2003, and then to 19.8 million fish in 2004. Over 87 percent of the striped bass caught in 2004 were released alive. Annual summer flounder catch decreased from 28 million fish in 2001 to 16.7 million fish in 2002, and remained steady at 20.6 million fish in 2003 and 2004. Over 77% of the summer flounder caught in 2004 were released alive. Bluefish catch has varied between 9.2 million fish (1998) and 20.4 million fish (2001), fell to 15 million fish in 2003, but increased again to 18.7 million fish in 2004. Black sea bass catch, which has varied between 6.3 and 19 million fish from 1995 through 2000, remained steady at 16.2 million fish in 2001 and 2002, but declined to 10.8 million fish in 2004.

The species most commonly caught on Atlantic coast trips that fished primarily in federally managed waters were black sea bass, Atlantic cod, bluefish, summer flounder, and dolphinfish. Thirty percent of the total Atlantic catch came from saltwater trips that fished primarily in the state territorial seas, and 57 percent came from trips that fished primarily in inland waters.

GULF OF MEXICO. In 2004, 3.6 million residents participated in marine recreational fishing. All participants, including visitors, took over 24 million trips and caught over 187 million fish (excluding Texas). About 68 percent of the trips were made in west Florida, followed by 20 percent in Louisiana, 8 percent in Alabama, and 4 percent in Mississippi. The most commonly caught non-bait species (numbers of fish) were spotted seatrout, red drum, white grunt, sheepshead, and gray snapper. The largest harvests by weight were for red drum, spotted seatrout, sheepshead, red snapper, Spanish mackerel, and king 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 3.1 million fish in 2004. King mackerel catch has varied between 750,000 (1996) and 420,000 (1999) over the last ten years, with total catch at 447,000 fish in 2004. Spotted seatrout catch has varied between 18 million fish and 29 million fish over the last ten years, with a catch of just over 29 million fish in 2004. Red drum catch varied over the last ten years between 6.1 million fish (1996 and 1999) and 8.7 million fish (2000), reaching 8.4 million fish in 2004.

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-eight percent of the total Gulf catch came from trips that fished primarily in the state territorial seas, and 61 percent came from trips that fished primarily in inland waters.

PACIFIC. In 2004, about 4 million in-state marine recreational fishing participants took over 4.8 million trips and caught a total of 18 million fish. Ninety-one percent of the trips were made in CA, followed by 5 percent in OR, and 4 percent in WA. The most commonly caught non-bait species (in numbers of fish) were barred sand bass, Pacific bonito, kelp bass, black rockfish, coho salmon, and Pacific barracuda. By weight, the largest harvests were Chinook salmon, coho salmon, black rockfish, barred sand bass, Pacific barracuda, and albaco.

Total annual catch of lingcod has varied between 240,000 fish (1995) and 1.2 million fish (2002) over the last ten years, but decreased to 323,000 fish in 2004. Total black rockfish catch, which has varied between 595,000 (1997) and 1.4 million (2000) fish over the last ten years, decreased to 700,000 fish in 2004.

The most commonly caught Pacific coast species in federally managed waters were barred sand bass, Pacific sanddab, kelp bass, California scorpionfish, and Chinook salmon. Eighty-two percent of the total Pacific catch came from trips that fished primarily in the state territorial seas, and 10 percent came from trips that fished primarily in inland waters.

PUERTO RICO. In 2004, about 167,000 marine recreational participants took 1.1 million trips and caught a total of about 1.1 million fish. The most commonly caught non-bait species (in numbers of fish) were dolphinfish, coney, blue runner, silk snapper and cero. By weight, the largest harvests were dolphinfish, blackfin tuna, skipjack tuna, yellowfin tuna, mutton snapper, and great barracuda.

HAWAII. In 2004, more than 407,000 marine recreational participants took 2.9 million trips and caught a total of about 4.5 million fish. The most commonly caught non-bait species (in numbers of fish) were yellowstripe goatfish, skipjack tuna, yellowfin tuna, bluefin trevally, and dolphinfish. By weight, the largest harvests were yellowfin tuna, dolphinfish, skipjack tuna, wahoo, and blue marlin.

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U.S. RECREATIONAL HARVEST (A+B1), BY SPECIES, 2003 AND 2004

Species	2003			2004			Average (2000-2004) Thousand pounds
	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)	
Anchovies **							
Northern Anchovy	6	3	137	7	3	430	65
Other Anchovies	8	4	64	1	(1)	89	9
Barracudas							
Pacific Barracuda	941	427	193	1,106	501	246	6,598
Other Barracudas	1,240	563	216	920	417	130	5,465
Billfishes							
Blue Marlin	866	393	4	1,370	621	5	2,344
Other Billfishes	120	54	6	69	31	3	472
Bluefish	13,525	6,135	6,243	15,821	7,176	7,249	65,972
Smallmouth Bonefish	9	4	25	253	115	60	262
Butterflyfishes	-	-	-	-	-	1	-
California Scorpionfish	197	89	171	93	42	88	1,173
Cartilaginous Fishes							
Dogfish Sharks **	171	78	66	270	122	69	855
Hammerhead Sharks	-	-	3	-	-	(1)	-
Requiem Sharks	-	-	-	-	-	-	-
Skates/Rays **	170	77	90	324	147	74	924
Spiny Dogfish	40	18	6	3	1	1	227
Other Sharks **	1,450	658	249	865	392	214	9,315
Catfishes							
Freshwater Catfishes	1,261	572	830	846	384	383	2,825
Saltwater Catfishes	880	399	592	774	351	474	4,479
Cods And Hakes							
Atlantic Cod	5,405	2,452	707	3,854	1,748	650	25,922
Pacific Cod	26	12	3	52	24	6	81
Pacific Hake	(1)	(1)	(1)	3	1	1	6
Pacific Tomcod	(1)	(1)	2	(1)	(1)	4	2
Pollock	206	93	158	424	192	227	3,769
Red Hake	4	2	48	34	16	30	91
Walleye Pollock	5	2	(1)	-	-	-	5
Other Cods/Hakes	279	127	183	678	308	366	2,358
Croakers							
California Corbina	4	2	2	19	9	13	50
Queenfish	56	25	314	7	3	344	164
White Croaker	192	87	425	88	40	216	715
Other Croakers	630	286	99	203	92	97	2,574
Damselfishes							
Blackspot Sergeant	2	1	207	18	8	89	20
Other Damselfishes	2	1	26	4	2	26	6
Dolphinfishes **	14,939	6,776	2,084	15,201	6,895	1,698	80,842
Drums							
Atlantic Croaker	9,707	4,403	11,509	9,046	4,103	11,812	50,479
Black Drum	4,451	2,019	1,161	4,683	2,124	930	21,206
Kingfishes	2,733	1,240	5,655	3,297	1,496	6,365	14,822
Red Drum	14,703	6,669	3,156	15,824	7,178	3,334	73,944
Sand Seatrout	1,556	706	3,062	1,131	513	2,312	9,006
Silver Perch	55	25	314	44	20	344	288
Spot	4,556	2,067	9,274	4,144	1,880	8,552	16,726
Spotted Seatrout	13,208	5,991	10,498	13,457	6,104	11,810	67,779
Weakfish **	865	392	498	860	390	770	10,795
Other Drum	72	33	352	11	5	425	506
Eels **							
Conger Eels	-	-	2	-	-	-	-
Moray Eels	-	-	11	-	-	9	-

See footnotes at end of table.

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	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds
Snake Eels	-	-	(1)	-	-	-	-
Other Eels	6	3	56	16	7	42	50
Hawaiian Flagtail	177	80	419	30	14	125	207
Flounders							
California Halibut **	1,842	835	199	409	185	39	7,048
Gulf Flounder	258	117	200	362	164	249	1,448
Rock Sole	5	2	3	1	(1)	1	53
Sanddabs	110	50	493	108	49	369	1,477
Southern Flounder	1,702	772	1,180	2,048	929	1,387	8,457
Starry Flounder	30	13	12	5	2	4	95
Summer Flounder	11,663	5,290	4,578	10,986	4,983	4,565	58,852
Winter Flounder	774	351	624	515	234	421	5,198
Other Flounders **	319	145	94	784	356	90	2,371
Goatfishes							
Bandtail Goatfish	3	1	66	1	(1)	3	3
Manybar Goatfish	9	4	39	21	10	54	40
Whitesaddle Goatfish	51	23	91	12	5	26	64
Yellowstripe Goatfish	155	70	556	237	107	548	392
Other Goatfishes	33	15	42	93	42	89	146
Greenlings							
Kelp Greenling	128	58	131	38	17	31	729
Lingcod	2,774	1,258	367	639	290	80	7,924
Other Greenlings	35	16	31	3	1	3	109
Grunts							
Pigfish	425	193	1,193	265	120	682	2,060
White Grunt	2,007	910	2,257	1,957	888	2,199	10,531
Other Grunts	149	68	750	156	71	605	812
Hawkfishes	-	-	28	3	1	9	3
Herrings **							
Pacific Herring	27	12	158	(1)	(1)	4	401
Other Herrings	787	357	48,372	275	125	55,303	3,903
Jacks							
Bigeye Scad	160	72	590	32	15	86	266
Bigeye Trevally	2	1	9	7	3	14	9
Blue Runner	2,150	975	2,662	1,622	736	2,414	9,438
Bluefin Trevally	117	53	58	357	162	183	492
Creville Jack	1,167	530	546	1,457	661	538	7,584
Florida Pompano	997	452	880	728	330	827	3,948
Giant Trevally	129	59	32	345	156	61	479
Greater Amberjack	3,362	1,525	188	2,825	1,282	129	12,710
Island Jack	21	9	17	70	32	32	120
Mackerel Scad	9	4	1,360	68	31	104	313
Whitemouth Trevally	41	19	26	-	-	-	41
Yellowtail	843	382	82	838	380	82	5,884
Other Jacks	644	292	2,234	583	264	2,385	3,150
Mulletts **							
Striped Mullet	14	6	20	48	22	54	62
Other Mulletts	3,391	1,538	9,693	3,570	1,619	10,318	16,025
Porgies							
Pinfishes	2,220	1,007	6,772	4,098	1,859	8,898	13,174
Red Porgy	104	47	97	172	78	143	511
Scup **	8,484	3,848	9,452	4,406	1,999	4,918	26,220
Sheepshead	6,849	3,107	2,677	7,944	3,603	2,979	31,569
Other Porgies **	131	60	224	264	120	335	809

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Species	2003			2004			Average (2000-2004) Thousand pounds
	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)	
Puffers	177	80	257	69	31	148	740
Rockfishes							
Black Rockfish	2,597	1,178	1,189	1,784	809	644	11,815
Blue Rockfish	560	254	479	401	182	363	3,123
Bocaccio	25	11	8	137	62	53	1,290
Brown Rockfish	331	150	208	61	27	41	953
Canary Rockfish	66	30	32	19	8	16	637
Chilipepper Rockfish	(1)	(1)	(1)	13	6	15	338
Copper Rockfish	99	45	55	64	29	34	562
Gopher Rockfish	224	101	225	73	33	85	1,056
Greenspotted Rockfish	1	1	1	30	13	35	165
Olive Rockfish	96	43	73	120	55	79	640
Quillback Rockfish	41	18	19	19	9	10	239
Widow Rockfish	(1)	(1)	1	34	15	28	248
Yellowtail Rockfish	93	42	61	96	43	64	1,241
Other Rockfishes **	1,046	475	975	690	313	596	4,720
Sablefishes	18	8	2	6	3	1	85
Scorpionfishes	4	2	3	3	1	6	7
Sculpins							
Cabazon	265	120	70	132	60	30	1,055
Other Sculpins	3	1	28	2	1	12	33
Sea Basses							
Barred Sand Bass	1,519	689	1,019	1,745	791	778	9,138
Black Sea Bass	3,987	1,808	4,018	2,763	1,253	2,737	21,246
<i>Epinephelus</i> Groupers **	1,654	750	286	3,597	1,632	593	11,303
Groupers	17	8	8	3	2	(1)	21
Kelp Bass	748	339	514	725	329	499	3,773
<i>Mycteroperca</i> Groupers **	4,420	2,005	579	5,498	2,494	737	24,623
Spotted Sand Bass	81	37	66	12	6	10	306
Other Sea Basses	124	56	491	160	73	633	582
Sea Chubs **							
Halfmoon	36	16	40	31	14	33	413
Highfin Rudderfish	454	206	124	2	1	29	456
Opaleye	27	12	25	39	18	40	279
Other Sea Chubs	135	61	79	6	3	32	143
Searobins	77	35	195	176	80	215	643
Silversides							
Jacksmelt	264	120	585	153	69	354	892
Other Silversides	10	4	634	13	6	352	69
Smelts **							
Surf Smelt	143	65	1,595	-	-	2	914
Other Smelts	-	-	2	(1)	(1)	6	(1)
Snappers							
Blacktail Snapper	19	8	40	11	5	29	30
Bluestripe Snapper	35	16	114	20	9	58	63
Gray Snapper	2,636	1,196	1,557	2,395	1,086	1,374	10,676
Green Jobfish	118	53	19	142	64	27	260
Lane Snapper	335	152	375	320	145	330	1,568
Pink Snapper	104	47	45	511	232	89	615
Red Snapper	4,181	1,896	1,026	4,394	1,993	1,104	20,927
Vermilion Snapper	507	230	491	762	346	708	2,811
Von Siebolds Snapper	2	1	1	-	-	(1)	2
Yellowtail Snapper	490	222	422	650	295	530	2,091
Other Snappers **	1,070	485	371	614	278	265	3,450

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Species	2003			2004			Average (2000-2004) Thousand pounds
	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)	
Squirrel/Soldierfishes							
Squirrel Fishes	-	-	-	-	-	(1)	-
Bigscale Soldierfish	4	2	46	-	-	-	4
Whitetip Soldierfish	11	5	149	-	-	36	11
Other Soldierfishes	(1)	(1)	1	-	-	-	5
Sturgeons	1,178	534	42	92	42	2	2,890
Surfperches							
Barred Surfperch	293	133	366	189	86	256	734
Black Perch	39	18	70	57	26	74	203
Pile Perch	34	15	33	5	2	7	124
Redtail Surfperch	117	53	120	20	9	28	415
Shiner Perch	5	2	80	14	6	191	50
Silver Surfperch	9	4	33	6	3	23	29
Striped Seaperch	70	32	88	24	11	24	308
Walleye Surfperch	42	19	151	27	12	103	124
White Seaperch	7	3	18	5	2	12	41
Other Surfperches	39	18	103	33	15	77	209
Surgeonfishes							
Convict Tang	21	9	176	54	25	122	113
Goldring Sureonfish	4	2	211	3	1	202	7
Unicornfishes	20	9	11	-	-	40	26
Other Surgeonfishes	91	41	150	17	8	48	125
Hawaiian Tenpounder	-	-	2	-	-	-	-
Temperate Basses							
Striped Bass	23,308	10,572	2,580	26,629	12,079	2,481	107,190
White Perch	1,202	545	2,700	742	336	1,743	3,581
Other Temperate Basses	-	-	-	-	-	-	(1)
Toadfishes	2	1	18	3	1	14	7
Triggerfishes/Filefishes	978	444	524	1,123	509	626	4,319
Tunas And Mackerels							
Albacore	25	12	1	-	-	-	25
Atlantic Mackerel	1,698	770	2,460	1,134	515	1,565	12,261
Chub Mackerel	753	341	1,532	723	328	1,013	3,932
Kawakawa	5	2	9	-	-	8	23
King Mackerel **	8,302	3,766	872	7,256	3,291	665	38,719
Little Tunny/Atl. Bonito **	1,611	731	220	2,438	1,106	312	10,482
Pacific Bonito **	166	75	70	792	359	569	1,162
Skipjack Tuna	2,252	1,022	440	2,370	1,075	439	4,831
Spanish Mackerel	4,178	1,895	2,701	4,627	2,099	3,188	24,196
Tunas	273	124	40	4	2	1	297
Wahoo	2,531	1,148	105	1,864	846	99	4,442
Yellowfin Tuna	11,141	5,054	184	5,129	2,326	273	16,545
Other Tunas/Mackerels **	19,319	8,763	908	12,592	5,712	804	89,220
Wrasses							
California Sheephead	144	65	48	49	22	21	741
Cunner	34	15	33	100	45	161	203
Dragon Wrasse	-	-	-	-	-	1	-
Hawaiian Hogfish	5	2	9	2	1	2	11
Razorfishes	126	57	235	212	96	336	342
Tautog	2,358	1,070	731	3,793	1,721	1,111	17,731
Other Wrasses	243	110	214	205	93	153	875
Other Fishes **	10,038	4,553	11,911	9,366	4,248	5,115	67,878
Grand Total	270,359	122,626	207,005	254,396	115,388	197,143	--

(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 MODE OF FISHING AND SPECIES GROUP, 2004

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)
Anchovies **												
Northern Anchovy	-	-	-	-	-	9	7	3	421	7	3	430
Other Anchovies	-	-	-	-	-	-	1	(1)	89	1	(1)	89
Barracudas												
Pacific Barracuda	932	423	201	136	62	28	38	17	17	1,106	501	246
Other Barracudas	188	85	21	561	255	69	171	77	40	920	417	130
Billfishes												
Blue Marlin	-	-	-	1,370	621	5	-	-	-	1,370	621	5
Other Billfishes	-	-	-	69	31	3	-	-	-	69	31	3
Bluefish	2,060	934	892	10,048	4,558	3,798	3,713	1,684	2,558	15,821	7,176	7,249
Smallmouth Bonefish	-	-	-	2	1	1	251	114	59	253	115	60
Butterflyfishes	-	-	-	-	-	-	-	-	1	-	-	1
California Scorpionfish	83	38	79	9	4	7	1	1	1	93	42	88
Cartilaginous Fishes												
Dogfish Sharks **	42	19	10	164	75	42	64	29	17	270	122	69
Hammerhead Sharks	-	-	-	-	-	-	-	-	-	-	-	-
Requiem Sharks	-	-	-	-	-	-	-	-	-	-	-	-
Skates/Rays **	1	(1)	2	79	36	37	244	111	34	324	147	74
Spiny Dogfish	1	(1)	1	2	1	(1)	(1)	(1)	(1)	3	1	1
Other Sharks **	157	71	19	606	275	144	102	46	50	865	392	214
Catfishes												
Freshwater Catfishes	8	4	1	721	327	238	117	53	144	846	384	383
Saltwater Catfishes	12	5	5	516	234	308	247	112	161	774	351	474
Cods And Hakes												
Atlantic Cod	717	325	225	3,137	1,423	424	-	-	-	3,854	1,748	650
Pacific Cod	21	9	2	31	14	4	-	-	-	52	24	6
Pacific Hake	(1)	(1)	(1)	3	1	1	-	-	-	3	1	1
Pacific Tomcod	-	-	-	(1)	(1)	(1)	(1)	(1)	4	(1)	(1)	4
Pollock	272	123	80	152	69	138	(1)	(1)	9	424	192	227
Red Hake	34	16	30	-	-	-	-	-	-	34	16	30
Other Cods/Hakes	338	153	176	340	154	183	(1)	(1)	7	678	308	366
Croakers												
California Corbina	-	-	-	(1)	(1)	(1)	19	9	13	19	9	13
Queenfish	(1)	(1)	(1)	(1)	(1)	1	7	3	342	7	3	344
White Croaker	1	1	3	10	4	24	77	35	189	88	40	216
Other Croakers	11	5	1	54	24	4	139	63	92	203	92	97
Damselfishes												
Blackspot Sergeant	-	-	-	-	-	-	18	8	89	18	8	89
Other Damselfishes	-	-	-	-	-	-	4	2	26	4	2	26
Dolphinfishes **	4,186	1,899	566	10,706	4,856	1,083	309	140	48	15,201	6,895	1,698
Drums												
Atlantic Croaker	453	206	776	7,602	3,448	9,129	990	449	1,907	9,046	4,103	11,812

See footnotes at end of table.

U.S. Marine Recreational Fisheries

U.S. RECREATIONAL HARVEST (A+B1), BY MODE OF FISHING AND SPECIES GROUP, 2004

Species	Charter boat						Mode of fishing						Shore			Grand Total		
	Charter boat			Private/Rental boat			Private/Rental boat			Shore			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)
Black Drum	244	111	20	3,383	1,535	640	1,056	479	269	4,683	2,124	930						
Kingfishes	20	9	31	1,558	707	2,950	1,720	780	3,384	3,297	1,496	6,365						
Red Drum	1,748	793	195	11,541	5,235	2,769	2,535	1,150	370	15,824	7,178	3,334						
Sand Seatrout	30	14	42	914	415	1,879	186	84	391	1,131	513	2,312						
Silver Perch	(1)	(1)	1	22	10	177	22	10	166	44	20	344						
Spot	271	123	747	2,468	1,119	4,895	1,405	637	2,909	4,144	1,880	8,552						
Spotted Seatrout	899	408	734	11,542	5,235	10,223	1,016	461	854	13,457	6,104	11,810						
Weakfish **	20	9	28	635	288	515	205	93	227	860	390	770						
Other Drum	1	1	2	7	3	126	3	1	297	11	5	425						
Eels **																		
Moray Eels	-	-	-	-	-	-	-	-	9	-	-	9						
Other Eels	1	(1)	1	13	6	25	2	1	16	16	7	42						
Hawaiian Flagtail	-	-	-	-	-	-	30	14	125	30	14	125						
Flounders																		
California Halibut **	79	36	7	295	134	27	35	16	5	409	185	39						
Gulf Flounder	4	2	3	256	116	166	102	46	79	362	164	249						
Rock Sole	1	(1)	1	(1)	(1)	(1)	-	-	-	1	(1)	1						
Sanddabs	68	31	228	38	17	123	2	1	18	108	49	369						
Southern Flounder	16	7	12	1,360	617	926	672	305	449	2,048	929	1,387						
Starry Flounder	3	1	2	2	1	2	(1)	(1)	1	5	2	4						
Summer Flounder	696	316	420	9,832	4,460	3,928	458	208	217	10,986	4,983	4,565						
Winter Flounder	67	31	49	355	161	277	93	42	95	515	234	421						
Other Flounders **	323	146	18	461	209	52	(1)	(1)	21	784	356	90						
Goatfishes																		
Bandtail Goatfish	-	-	-	-	-	-	1	(1)	3	1	(1)	3						
Manybar Goatfish	-	-	-	8	4	22	13	6	32	21	10	54						
Whitesaddle Goatfish	-	-	-	1	1	1	10	5	25	12	5	26						
Yellowstripe Goatfish	-	-	-	(1)	(1)	1	237	107	548	237	107	548						
Other Goatfishes	-	-	-	89	40	63	4	2	26	93	42	89						
Greenlings																		
Kelp Greenling	13	6	10	18	8	13	7	3	9	38	17	31						
Lingcod	260	118	34	347	157	43	32	14	3	639	290	80						
Other Greenlings	(1)	(1)	(1)	(1)	(1)	(1)	3	1	2	3	1	3						
Grunts																		
Pigfish	6	3	27	203	92	504	55	25	151	265	120	682						
White Grunt	248	112	257	1,679	762	1,910	30	14	32	1,957	888	2,199						
Other Grunts	12	6	37	94	43	414	49	22	155	156	71	605						
Hawkfishes	-	-	-	-	-	-	3	1	9	3	1	9						
Herrings **																		
Pacific Herring	-	-	-	(1)	(1)	1	-	-	3	(1)	(1)	4						
Other Herrings	3	1	325	67	30	38,153	205	93	16,825	275	125	55,303						
Jacks																		

See footnotes at end of table.

U.S. Marine Recreational Fisheries

U.S. RECREATIONAL HARVEST (A+B1), BY MODE OF FISHING AND SPECIES GROUP, 2004

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)			
Bigeye Scad	-	-	11	5	22	10	32	15	86
Bigeye Trevally	-	-	7	3	14	-	7	3	14
Blue Runner	81	37	801	363	976	336	1,622	736	2,414
Bluefin Trevally	-	-	74	34	33	128	357	162	183
Crevalle Jack	16	7	398	180	126	473	1,457	661	538
Florida Pompano	8	4	111	50	76	276	728	330	827
Giant Trevally	-	-	166	75	17	81	345	156	61
Greater Amberjack	1,472	668	1,347	611	59	3	2,825	1,282	129
Island Jack	-	-	39	17	17	14	70	32	32
Mackerel Scad	-	-	68	31	96	(1)	68	31	104
Yellowtail	388	176	450	204	42	-	838	380	82
Other Jacks	286	130	312	78	792	56	583	264	2,385
Mulletts **									
Other Mulletts	(1)	(1)	4	566	5,401	1,053	3,570	1,619	10,318
Porgies									
Pinfishes	12	5	3,336	1,513	6,541	340	4,098	1,859	8,898
Red Porgy	97	44	74	34	56	-	172	78	143
Scup **	441	200	3,581	1,624	3,539	175	4,406	1,999	4,918
Sheepshead	119	54	5,889	2,671	2,212	878	7,944	3,603	2,979
Other Porgies **	40	18	112	51	153	50	264	120	335
Puffers	1	1	41	19	77	12	69	31	148
Rockfishes									
Black Rockfish	1,044	474	727	330	281	6	1,784	809	644
Blue Rockfish	276	125	107	48	87	8	401	182	363
Bocaccio	120	55	17	8	6	-	137	62	53
Brown Rockfish	34	15	26	12	17	1	61	27	41
Canary Rockfish	2	1	17	7	12	-	19	8	16
Chilipepper Rockfish	12	6	1	(1)	1	-	13	6	15
Copper Rockfish	39	18	25	11	13	(1)	64	29	34
Gopher Rockfish	43	19	25	11	26	2	73	33	85
Greenspotted Rockfish	24	11	6	3	7	-	30	13	35
Olive Rockfish	96	44	19	9	12	2	120	55	79
Quillback Rockfish	10	5	8	4	4	-	19	9	10
Widow Rockfish	33	15	(1)	(1)	(1)	-	34	15	28
Yellowtail Rockfish	78	36	17	8	11	-	96	43	64
Other Rockfishes **	437	198	222	101	147	14	690	313	596
Sablefishes	3	1	3	1	(1)	-	6	3	1
Scorpionfishes	-	-	-	-	-	1	3	1	6
Sculpins									
Cabezon	30	14	70	32	15	14	132	60	30
Other Sculpins	(1)	(1)	1	1	1	(1)	2	1	12

See footnotes at end of table.

U.S. Marine Recreational Fisheries

U.S. RECREATIONAL HARVEST (A+B1), BY MODE OF FISHING AND SPECIES GROUP, 2004

Species	Mode of fishing												Grand Total		
	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)			
Shiner Perch	-	-	-	-	-	(1)	14	6	191	14	6	191			
Silver Surperch	-	-	-	-	-	(1)	6	3	23	6	3	23			
Striped Seaperch	(1)	(1)	(1)	1	(1)	1	23	11	23	24	11	24			
Walleye Surfperch	-	-	-	(1)	(1)	(1)	27	12	103	27	12	103			
White Seaperch	(1)	(1)	(1)	(1)	(1)	(1)	5	2	12	5	2	12			
Other Surperches	1	(1)	1	1	(1)	1	32	14	75	33	15	77			
Surgeonfishes															
Convict Tang	-	-	-	5	2	22	49	22	100	54	25	122			
Goldring Sureonfish	-	-	-	-	-	11	3	1	191	3	1	202			
Unicornfishes	-	-	-	-	-	1	-	-	40	-	-	40			
Other Surgeonfishes	-	-	-	-	-	1	17	8	47	17	8	48			
Temperate Bases															
Striped Bass	2,466	1,118	391	22,682	10,288	1,941	1,481	672	148	26,629	12,079	2,481			
White Perch	11	5	60	610	277	1,352	121	55	332	742	336	1,743			
Toadfishes	(1)	(1)	(1)	3	1	13	-	-	1	3	1	14			
Triggerfishes/Filefishes	402	183	221	710	322	394	10	5	12	1,123	509	626			
Tunas And Mackerels															
Atlantic Mackerel	45	20	80	840	381	1,022	250	113	463	1,134	515	1,565			
Chub Mackerel	44	20	50	141	64	137	538	244	825	723	328	1,013			
Kawakawa	-	-	-	-	-	7	-	-	1	-	-	8			
King Mackerel **	1,736	787	174	5,344	2,424	464	177	80	27	7,256	3,291	665			
Little Tunny/Atl. Bonito **	605	274	78	1,082	491	144	752	341	90	2,438	1,106	312			
Pacific Bonito **	220	100	97	104	47	58	469	213	415	792	359	569			
Skipjack Tuna	-	-	-	2,370	1,075	439	-	-	-	2,370	1,075	439			
Spanish Mackerel	375	170	200	2,538	1,151	1,552	1,713	777	1,435	4,627	2,099	3,188			
Tunas	3	1	1	2	1	(1)	-	-	-	4	2	1			
Wahoo	-	-	-	1,864	846	99	-	-	-	1,864	846	99			
Yellowfin Tuna	-	-	-	4,998	2,267	268	131	60	5	5,129	2,326	273			
Other Tunas/Mackerels **	5,674	2,574	266	6,909	3,134	463	9	4	76	12,592	5,712	804			
Wrasses															
California Sheephead	24	11	11	16	7	4	9	4	5	49	22	21			
Cunner	3	1	6	11	5	18	86	39	137	100	45	161			
Dragon Wrasse	-	-	-	-	-	-	-	-	1	-	-	1			
Hawaiian Hogfish	-	-	-	1	(1)	1	1	1	1	2	1	2			
Razorfishes	-	-	-	208	94	330	4	2	5	212	96	336			
Tautog	292	132	127	3,321	1,507	927	180	82	57	3,793	1,721	1,111			
Other Wrasses	4	2	3	180	82	91	21	9	59	205	93	153			
Other Fishes **	2,188	993	500	6,483	2,940	2,610	695	315	2,006	9,366	4,248	5,115			
Grand Total	41,441	18,799	15,329	179,631	81,480	126,286	33,318	15,105	55,527	254,396	115,388	197,143			

(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, 2004

Species	Distance from U.S. shores						3 to 200 miles (Exclusive Economic Zone)			Grand Total		
	Inland		0 to 3 miles (2) (State Territorial Sea)		0 to 3 miles (2) (State Territorial Sea)		3 to 200 miles (Exclusive Economic Zone)		3 to 200 miles (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)
Anchovies **												
Northern Anchovy	(1)	(1)	65	7	3	365	-	-	-	7	3	430
Other Anchovies	1	(1)	71	-	-	18	-	-	-	1	(1)	89
Barracudas												
Pacific Barracuda	(1)	(1)	(1)	802	364	180	303	138	66	1,106	501	246
Other Barracudas	72	33	13	445	202	73	402	182	44	920	417	130
Billfishes												
Blue Marlin	-	-	-	166	75	1	1,204	546	4	1,370	621	5
Other Billfishes	-	-	-	-	-	-	69	31	3	69	31	3
Bluefish	8,191	3,715	3,634	5,964	2,705	3,143	1,666	756	472	15,821	7,176	7,249
Smallmouth Bonfish	8	4	11	245	111	50	-	-	-	253	115	60
Butterflyfishes	-	-	1	-	-	-	-	-	-	-	-	1
Cartilaginous Fishes												
California Scorpionfish	(1)	(1)	(1)	38	17	35	56	25	52	93	42	88
Dogfish Sharks **	126	57	33	72	33	19	72	33	16	270	122	69
Hammerhead Sharks	-	-	-	-	-	-	-	-	-	-	-	-
Requiem Sharks	-	-	-	-	-	-	-	-	-	-	-	-
Skates/Rays **	115	52	37	209	95	37	-	-	(1)	324	147	74
Spiny Dogfish	(1)	(1)	(1)	3	1	(1)	(1)	(1)	1	3	1	1
Other Sharks **	349	159	65	323	146	107	193	88	43	865	392	214
Catfishes												
Freshwater Catfishes	846	384	383	-	-	-	-	-	-	846	384	383
Saltwater Catfishes	606	275	360	166	75	112	-	-	1	774	351	474
Cods And Hakes												
Atlantic Cod	163	74	30	137	62	60	3,554	1,612	560	3,854	1,748	650
Pacific Cod	3	1	(1)	50	22	6	-	-	-	52	24	6
Pacific Hake	-	-	-	1	1	1	2	1	(1)	3	1	1
Pacific Tomcod	(1)	(1)	(1)	(1)	(1)	4	-	-	-	(1)	(1)	4
Pollock	19	8	24	132	60	116	273	124	86	424	192	227
Red Hake	-	-	-	1	1	1	33	15	28	34	16	30
Other Cods/Hakes	5	2	19	-	-	2	673	305	346	678	308	366
Croakers												
California Corbina	1	(1)	1	18	8	12	-	-	-	19	9	13
Queenfish	1	1	25	6	3	319	-	-	-	7	3	344
White Croaker	15	7	40	72	33	176	(1)	(1)	(1)	88	40	216
Other Croakers	9	4	8	180	81	89	15	7	1	203	92	97
Damselfishes												
Blackspot Sergeant	-	-	3	18	8	86	-	-	-	18	8	89
Other Damselfishes	1	1	6	3	1	20	-	-	-	4	2	26
Dolphinfishes **	38	17	6	1,259	571	166	13,904	6,307	1,526	15,201	6,895	1,698
Drums												
Atlantic Croaker	8,076	3,663	10,554	654	297	921	316	143	336	9,046	4,103	11,812

See footnotes at end of table.

U.S. Marine Recreational Fisheries

U.S. RECREATIONAL HARVEST (A+B1), BY DISTANCE FROM SHORE AND SPECIES GROUP, 2004

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)						
Black Drum	3,911	1,774	740	736	334	184	37	17	6	4,683	2,124	930
Kingfishes	1,621	735	3,045	1,633	741	3,218	43	19	103	3,297	1,496	6,365
Red Drum	12,827	5,818	2,925	2,792	1,266	390	205	93	18	15,824	7,178	3,334
Sand Seatrout	829	376	1,741	242	110	471	60	27	100	1,131	513	2,312
Silver Perch	19	9	145	25	11	156	-	-	43	44	20	344
Spot	2,929	1,329	6,176	1,197	543	2,343	18	8	32	4,144	1,880	8,552
Spotted Seatrout	11,041	5,008	10,019	2,300	1,043	1,678	117	53	113	13,457	6,104	11,810
Weakfish **	471	213	397	379	172	329	11	5	44	860	390	770
Other Drum	7	3	174	5	2	250	(1)	(1)	(1)	11	5	425
Eels **												
Moray Eels	-	-	-	-	-	9	-	-	-	-	-	9
Other Eels	11	5	34	4	2	7	1	(1)	(1)	16	7	42
Hawaiian Flagtail	5	2	32	25	11	93	-	-	-	30	14	125
Flounders												
California Halibut **	77	35	8	325	148	30	6	3	1	409	185	39
Gulf Flounder	200	91	147	89	40	67	73	33	35	362	164	249
Rock Sole	-	-	-	1	(1)	(1)	(1)	(1)	(1)	1	(1)	1
Sanddabs	1	1	9	61	28	206	45	20	155	108	49	369
Southern Flounder	1,512	686	1,072	524	238	309	12	6	7	2,048	929	1,387
Starry Flounder	3	1	3	2	1	1	-	-	-	5	2	4
Summer Flounder	6,026	2,734	2,456	3,938	1,786	1,712	1,022	464	397	10,986	4,983	4,565
Winter Flounder	400	181	329	107	48	86	9	4	6	515	234	421
Other Flounders **	9	4	30	773	351	54	2	1	7	784	356	90
Goatfishes												
Bandtail Goatfish	-	-	-	1	(1)	3	-	-	-	1	(1)	3
Manybar Goatfish	2	1	6	17	8	44	2	1	4	21	10	54
Whitesaddle Goatfish	(1)	(1)	2	11	5	23	-	-	-	12	5	26
Yellowstripe Goatfish	27	12	140	210	95	408	-	-	-	237	107	548
Other Goatfishes	(1)	(1)	18	92	42	39	-	-	32	93	42	89
Greenlings												
Kelp Greenling	5	2	4	33	15	27	(1)	(1)	(1)	38	17	31
Lingcod	18	8	3	603	273	74	18	8	2	639	290	80
Other Greenlings	-	-	-	3	1	3	-	-	-	3	1	3
Grunts												
Pigfish	174	79	457	76	34	192	15	7	33	265	120	682
White Grunt	192	87	263	543	246	690	1,222	554	1,245	1,957	888	2,199
Other Grunts	28	13	100	59	27	253	69	31	252	156	71	605
Hawkfishes	-	-	-	3	1	9	-	-	-	3	1	9
Herrings **												
Pacific Herring	-	-	1	(1)	(1)	4	-	-	-	(1)	(1)	4
Other Herrings	103	47	32,027	150	68	17,461	22	10	5,816	275	125	55,303
Jacks												

See footnotes at end of table.

U.S. Marine Recreational Fisheries

U.S. RECREATIONAL HARVEST (A+B1), BY DISTANCE FROM SHORE AND SPECIES GROUP, 2004

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)						
Bigeye Scad	17	8	52	16	7	34	-	-	-	32	15	86
Bigeye Trevally	-	-	-	7	3	14	-	-	-	7	3	14
Blue Runner	132	60	156	1,002	454	1,688	488	221	569	1,622	736	2,414
Bluefin Trevally	84	38	48	264	120	131	8	4	4	357	162	183
Crevalle Jack	520	236	165	899	408	363	39	18	9	1,457	661	538
Florida Pompano	100	46	81	626	284	745	2	1	1	728	330	827
Giant Trevally	21	9	5	296	134	53	28	13	4	345	156	61
Greater Amberjack	6	3	1	357	162	19	2,461	1,116	110	2,825	1,282	129
Island Jack	15	7	9	44	20	15	11	5	8	70	32	32
Mackerel Scad	-	-	6	32	15	52	36	16	46	68	31	104
Yellowtail	-	-	-	777	353	75	61	28	6	838	380	82
Other Jacks	69	31	53	166	75	1,613	348	158	719	583	264	2,385
Mullet **												
Striped Mullet	46	21	50	1	1	4	-	-	-	48	22	54
Other Mullet	3,318	1,505	7,623	238	108	2,501	14	7	194	3,570	1,619	10,318
Porgies												
Pinfishes	2,973	1,348	6,249	654	297	1,780	471	214	869	4,098	1,859	8,898
Red Porgy	5	2	3	14	6	16	152	69	123	172	78	143
Scup**	3,482	1,580	3,445	782	355	1,098	142	65	375	4,406	1,999	4,918
Sheepshead	5,916	2,684	2,268	1,869	848	660	159	72	52	7,944	3,603	2,979
Other Porgies**	39	17	61	132	60	203	93	42	71	264	120	335
Puffers	23	11	55	43	19	86	3	1	6	69	31	148
Rockfishes												
Black Rockfish	137	62	39	1,647	747	602	(1)	(1)	2	1,784	809	644
Blue Rockfish	1	(1)	(1)	390	177	352	10	4	10	401	182	363
Bocaccio	(1)	(1)	(1)	93	42	36	44	20	17	137	62	53
Brown Rockfish	1	(1)	2	53	24	35	7	3	5	61	27	41
Canary Rockfish	1	(1)	1	17	8	15	(1)	(1)	(1)	19	8	16
Chilipepper Rockfish	-	-	-	3	1	3	10	5	13	13	6	15
Copper Rockfish	2	1	1	60	27	31	2	1	1	64	29	34
Gopher Rockfish	(1)	(1)	(1)	72	33	84	1	(1)	1	73	33	85
Greenspotted Rockfish	-	-	-	18	8	21	11	5	15	30	13	35
Olive Rockfish	-	-	-	115	52	75	6	3	4	120	55	79
Quillback Rockfish	2	1	1	16	7	8	1	(1)	1	19	9	10
Widow Rockfish	-	-	-	23	11	19	10	5	9	34	15	28
Yellowtail Rockfish	2	1	1	93	42	62	(1)	(1)	(1)	96	43	64
Other Rockfishes**	4	2	2	578	262	479	108	49	115	690	313	596
Sablefishes	-	-	-	6	3	1	-	-	-	6	3	1
Scorpionfishes	1	(1)	2	2	1	4	-	-	-	3	1	6
Sculpins												
Cabezon	5	2	1	126	57	28	2	1	(1)	132	60	30
Other Sculpins	(1)	(1)	5	2	1	7	(1)	(1)	(1)	2	1	12

See footnotes at end of table.

U.S. Marine Recreational Fisheries

U.S. RECREATIONAL HARVEST (A+B1), BY DISTANCE FROM SHORE AND SPECIES GROUP, 2004

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	Total Numbers (thousands)
	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)			
Sea Basses									
Barred Sand Bass	8	4	1,454	659	571	283	1,745	791	778
Black Sea Bass	256	116	439	199	391	2,068	2,763	1,253	2,737
<i>Epinephelus</i> Groupers**	5	2	297	135	94	3,295	3,597	1,632	593
Groupers	-	-	3	2	(1)	-	3	2	(1)
Kelp Bass	1	(1)	600	272	420	123	725	329	499
<i>Mycteroperca</i> Groupers**	199	90	1,171	531	157	4,128	5,498	2,494	737
Spotted Sand Bass	2	1	10	5	8	-	12	6	10
Other Sea Basses	25	11	80	36	282	55	160	73	633
Sea Chubs**									
Halfmoon	(1)	(1)	29	13	30	2	31	14	33
Highfin Rudderfish	-	-	2	1	24	-	2	1	29
Opaleye	14	6	26	12	25	(1)	39	18	40
Other Sea Chubs	2	1	4	2	29	-	6	3	32
Searobins	86	39	55	25	41	35	176	80	215
Silversides									
Jacksmelt	66	30	87	39	197	(1)	153	69	354
Other Silversides	8	4	5	2	266	-	13	6	352
Smelts**									
Surf Smelt	-	-	-	-	(1)	-	-	-	2
Other Smelts	(1)	(1)	-	-	6	-	(1)	(1)	6
Snappers									
Blacktail Snapper	1	(1)	10	5	24	-	11	5	29
Bluestripe Snapper	1	(1)	18	8	47	2	20	9	58
Gray Snapper	599	272	582	264	361	1,214	2,395	1,086	1,374
Green Jobfish	-	-	142	64	26	-	142	64	27
Lane Snapper	36	16	89	40	104	196	320	145	330
Pink Snapper	-	-	507	230	82	4	511	232	89
Red Snapper	66	30	743	337	204	3,585	4,394	1,993	1,104
Vermilion Snapper	-	-	84	38	94	678	762	346	708
Von Siebolds Snapper	-	-	-	-	(1)	-	-	-	(1)
Yellowtail Snapper	20	9	287	130	241	343	650	295	530
Other Snappers**	43	20	323	147	173	247	614	278	265
Squirrel/Soldierfishes									
Squirrel Fishes	-	-	-	-	(1)	-	-	-	(1)
Whitetail Soldierfish	-	-	-	-	36	-	-	-	36
Sturgeons	92	42	-	-	-	-	92	42	2
Surfperches									
Barred Surfperch	1	1	187	85	253	-	189	86	256
Black Perch	41	19	16	7	25	(1)	57	26	74
Pile Perch	3	1	2	1	5	-	5	2	7
Redtail Surfperch	1	(1)	19	9	27	-	20	9	28

See footnotes at end of table.

U.S. Marine Recreational Fisheries

U.S. RECREATIONAL HARVEST (A+B1), BY DISTANCE FROM SHORE AND SPECIES GROUP, 2004

Species	Distance from U.S. shores						Grand Total		
	Inland		0 to 3 miles (2,3) (State Territorial Sea)		3 to 200 miles (Exclusive Economic Zone)		Thousand pounds	Metric tons	Total Numbers (thousands)
Shiner Perch	3	1	11	5	147	-	14	6	191
Silver Surperch	(1)	(1)	6	3	23	-	6	3	23
Striped Seaperch	8	4	16	7	15	-	24	11	24
Walleye Surperch	3	2	23	11	91	-	27	12	103
White Seaperch	3	1	2	1	4	-	5	2	12
Other Surperches	4	2	29	13	70	(1)	33	15	77
Surgeonfishes									
Convict Tang	7	3	47	21	103	-	54	25	122
Goldring Sureonfish	-	-	3	1	14	-	3	1	202
Unicornfishes	-	-	-	-	40	-	-	-	40
Other Surgeonfishes	6	3	11	5	34	-	17	8	48
Temperate Baseses									
Striped Bass	11,850	5,375	12,987	5,891	944	142	26,629	12,079	2,481
White Perch	694	315	48	22	49	-	742	336	1,743
Toadfishes	3	1	1	(1)	1	-	3	1	14
Triggerfishes/Filefishes	32	15	233	106	152	429	1,123	509	626
Tunas And Mackerels									
Atlantic Mackerel	311	141	472	214	799	390	1,134	515	1,565
Chub Mackerel	33	15	591	268	864	95	723	328	1,013
Kawakawa	-	-	-	-	4	3	-	-	8
King Mackerel **	57	26	2,625	1,191	248	413	7,256	3,291	665
Little Tunny/Atl. Bonito **	78	36	1,407	638	179	123	2,438	1,106	312
Pacific Bonito **	65	29	691	313	498	19	792	359	569
Skipjack Tuna	-	-	168	76	42	397	2,370	1,075	439
Spanish Mackerel	766	347	3,331	1,511	2,341	255	4,627	2,099	3,188
Tunas	-	-	2	1	(1)	1	4	2	1
Wahoo	-	-	247	112	23	76	1,864	846	99
Yellowfin Tuna	-	-	536	243	22	251	5,129	2,326	273
Other Tunas/Mackerels **	88	40	1,407	638	233	564	12,592	5,712	804
Wrasses									
California Sheephead	(1)	(1)	45	20	19	1	49	22	21
Cunner	84	38	13	6	20	6	100	45	161
Dragon Wrasse	-	-	-	-	1	-	-	-	1
Hawaiian Hogfish	-	-	2	1	2	-	2	1	2
Razorfishes	-	-	212	96	300	35	212	96	336
Tautog	2,631	1,193	848	385	220	186	3,793	1,721	1,111
Other Wrasses	(1)	(1)	129	58	102	47	205	93	153
Other Fishes **	1,757	797	5,134	2,329	1,800	628	9,366	4,248	5,115
Grand Total	98,074	44,484	78,011	35,381	63,601	25,648	254,396	115,388	197,143

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

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

(3) With the exception of Oregon where distance from shore is unknown.

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, 1995-2004

Year	Other 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)
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	1,240	216	353	13,525	6,243	9,461
2004	920	130	339	15,821	7,249	12,265
Year	Cartilaginous Fishes			Catfishes		
	<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)
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	1,832	414	12,306	2,141	1,423	13,562
2004	1,462	357	12,052	1,620	857	12,315
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)
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	14,939	2,084	272
2004	5,046	1,284	1,289	15,201	1,698	180

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, 1995-2004

Year	Drums			Flounders		
	<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)
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	51,907	45,477	57,811	16,702	7,383	18,848
2004	52,499	46,653	55,669	15,217	7,126	19,132
Year	Grunts			Herrings		
	<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)
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	2,581	4,200	6,912	814	48,530	8,564
2004	2,377	3,486	6,888	275	55,308	10,235
Year	Jacks			Mulletts		
	<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)
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	9,642	8,685	7,967	3,405	9,713	2,206
2004	8,932	6,855	8,800	3,618	10,372	3,125

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, 1995-2004

Year	Porgies			Puffers		
	<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)
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	17,789	19,223	17,030	177	257	1,454
2004	16,884	17,273	19,149	69	148	1,339
Year	Sculpins			Sea Basses		
	<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)
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	12,550	6,981	22,038
2004	134	42	110	14,503	5,987	19,483
Year	Searobins			Snappers		
	<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)
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	9,496	4,460	10,059
2004	176	215	3,606	9,819	4,515	8,627

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, 1995-2004

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)
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	(1)	33	1,119
1998	14,084	3,324	18,576	2	10	994
1999	14,839	2,564	15,527	(1)	9	911
2000	19,054	3,847	21,360	-	4	1,481
2001	20,209	2,748	15,428	(1)	7	2,094
2002	19,629	3,283	16,050	1	19	1,590
2003	24,510	5,279	19,346	2	18	1,591
2004	27,371	4,224	21,130	3	14	1,750
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)
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	978	524	275	52,255	9,544	6,257
2004	1,123	626	398	38,931	8,935	5,713
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)
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
2004	4,361	1,785	2,940	93	88	176

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, 1995-2004

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)
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
2004	318	670	260	680	114	260
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)
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
2004	1,106	246	260	3,540	2,062	556
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)
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
2004	78	134	34	166	706	348
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)
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
2004	(1)	8	5	380	795	650

(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, 2003 and 2004

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	61,850	86,801	89,120
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	270,359	207,005	248,274

State	2004		
	<u>Pounds Harvested</u> (thousands)	<u>Number Harvested</u> (thousands)	<u>Number Released</u> (thousands)
California	13,236	10,027	6,615
Oregon	2,252	605	39
Washington	3,613	685	240
Connecticut	4,339	1,622	3,532
Maine	1,274	999	1,028
Massachusetts	14,995	5,185	11,435
New Hampshire	869	296	456
Rhode Island	4,409	1,932	2,665
Delaware	1,801	1,225	3,738
Maryland	5,293	5,013	12,465
New Jersey	17,879	7,301	22,684
New York	12,325	5,534	11,758
Virginia	14,800	12,212	17,761
Florida	62,978	97,559	89,920
Georgia	1,931	1,702	3,394
North Carolina	25,352	14,314	18,212
South Carolina	4,402	4,095	6,221
Alabama	8,957	4,891	7,030
Louisiana	30,516	14,887	21,041
Mississippi	2,669	2,019	2,710
Hawaii	18,290	4,152	370
Puerto Rico	2,214	887	249
Grand Total	254,396	197,143	243,563

U.S. Marine Recreational Fisheries

U.S. RECREATIONAL NUMBERS OF ANGLERS AND TRIPS BY STATES, 2003 AND 2004

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				83,811
State	2004			
	Out-of-State Anglers	In-State Anglers		Number of Angler Trips
		From Coastal Counties	From Non-Coastal Counties	
----- Numbers in thousands -----				
California	--	--	--	4,449
Oregon	--	--	--	223
Washington	--	--	--	198
Connecticut	65	304	--	1,579
Maine	155	111	21	760
Massachusetts	344	540	133	4,569
New Hampshire	71	81	12	361
Rhode Island	227	124	--	1,444
Delaware	239	115	--	1,163
Maryland	336	448	37	2,668
New Jersey	374	716	30	6,580
New York	75	583	19	4,743
Virginia	423	504	69	3,558
Florida	3,291	3,243	--	27,204
Georgia	54	104	118	929
North Carolina	1,152	613	290	7,025
South Carolina	335	226	101	2,236
Alabama	398	225	183	2,048
Louisiana	207	757	138	4,810
Mississippi	54	195	29	1,109
Hawaii	183	224	--	2,881
Puerto Rico	26	141	--	1,055
Grand Total				81,592

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: CA, OR, and WA angler data not available.