

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, 1996 (PL 104-297) and the Magnuson-Stevens Fishery Conservation and Management Reauthorization Act of 2007 (PL 109-479). In 1981, following 2 years of preliminary surveys, the NMFS began a comprehensive survey of marine recreational fisheries covering all fishing modes (private/rental boat, party/charter boat, and shore), and including estuarine and brackish water. Although the annual recreational harvest is only about 9 percent of the total U.S. harvest of finfish for states covered by this program, the fishing activities of millions of anglers are important to monitor because they are directed at relatively few species. Marine recreational fishing significantly impacts the stocks of many finfish species, and recreational catches surpass commercial landings of some species (see figure on preceding page).

METHODS. On the Atlantic and Gulf coasts of the US, the recreational fisheries statistics program consists of a coastal household telephone survey (CHTS), a telephone survey of for-hire fishing vessel operators (charter and party boats; FHS), and a field intercept survey of angler fishing trips. Additional information is also obtained from state or regional logbook programs and is used to supplement survey data to produce more robust catch and effort estimates. The CHTS 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, field interviewers identify, count, weigh, and measure landed fish that are available in whole form. Angler reports are obtained for catch released alive and for all other harvested catch, such as catch released dead, used for bait, or filleted fish. Catch estimates are stratified by subregion, state, wave (bi-monthly sampling period), species, fishing mode (private/rental boat, party/charter boat, and shore), primary area fished, and catch type. In addition, estimates of participation are produced. Texas estimates are from Texas Parks and Wildlife Department recreational survey

data. Alaska conducts an annual mail survey in place of the NMFS' program.

On the Atlantic and Gulf Coasts and California, effort for the party/charter fishing mode is now estimated through For-Hire Surveys (FHS). These surveys differ from the CHTS because they use a telephone survey of boats as the primary method for estimating fishing effort. The weekly survey uses directories of charter and party (head) boats as the sampling frames. These telephone surveys estimate the number of angler-trips on boats included in the sampling frames. Dockside and on-board angler-intercept surveys collect 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 the FHS produces separate estimates for charter boat and party boats on the Atlantic and Gulf Coasts, for-hire fishing vessels are not designated by type in California. This effort methodology was initiated in 2000 on the Gulf coast, in 2001 on the Pacific coast, and in 2005 on the Atlantic coast. FHS numbers are included here for the Atlantic and Gulf coasts and California.

In place of the CHTS, 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. 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. Shore fishing modes have not been covered in Oregon and Washington since 2003. Puget Sound estimates for 2003 onward have not been released

COVERAGE. In 2008, the recreational fishing statistics program conducted by the NMFS included the Atlantic coast (ME-East FL), Gulf coast (LA-West FL), Puerto Rico and Hawaii. Detailed information and access to the data are available on the Fisheries Statistics web page (www.st.nmfs.gov/st1). Care is advised when comparing catch estimates across an extended time series because of differences in sampling coverage through the years.

In the South Atlantic and Gulf sub-regions (NC- LA) party boat catch data have not been collected since 1985, so estimates for these sub-regions only include charter

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boats in the for-hire sector. Marine recreational fishing in Texas is monitored by the Texas Parks and Wildlife Department and has not been surveyed by the NMFS' survey program 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 in place of the NMFS' program. Harvest, effort and participation data are included, but not available for the current year. West Pacific U.S. territories have not been included in the national survey program since 1981. Hawaii was not surveyed between 1981 and 2002. The U.S. Caribbean was not surveyed between 1981 and 2000. The numbers reported for Washington and Oregon for 2005 & 2006 include only private boat and for-hire-fisheries. Data from other NMFS and state surveys are not included in this report.

Historically, only about five percent of the annual recreational catch on the Atlantic and Gulf coasts is taken during Wave 1 (Jan/Feb). Costs to sample these months are very high due to low fishing activity. Therefore, in Jan/Feb of 1981 the surveys were 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 the recreational statistics program has not collected data in Jan/Feb on the Atlantic coast north of Florida since 1980.

Time periods when the marine recreational statistics program has not been conducted: Nov/Dec (ME & NH) - 1987 to present; Mar/Apr (ME & NH) - 1986 to present; Jan/Feb (Northern CA & OR) - 1994; Jan/Feb (Southern CA & OR) - 1995 Nov/Dec (OR) - 1994; Nov/Dec (WA shore modes) - 2003; July - Dec (OR shore modes) - 2003; All Waves (CA - WA) - 1990 to 1993, 2004 to present; All Waves (WA) - 1993 to 1994.

DATA TABLES. The estimated harvests (numbers and weight of fish) for the continental U.S. and Hawaii 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, 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.

2008 MARINE RECREATIONAL FISHING

DATA. In 2008, almost 12 million anglers made nearly 85 million marine recreational fishing trips on the Atlantic, Gulf and Pacific coasts. The estimated total marine recreational catch was nearly 464 million fish, of which almost 58 percent were released alive. The estimated total weight of harvested catch was almost 248 million pounds. The Atlantic coast accounted for the majority of trips (more than 61 percent) and catch (54 percent). The Gulf coast accounted for almost 30 percent of trips, and nearly 42 percent of the catch. The Pacific coast accounted for 5 percent of trips, and almost 3 percent of the catch. Nationally, most (nearly 63 percent in numbers of fish) of the recreational catch came from inland waters, nearly 29 percent from state territorial seas, and 8 percent from the EEZ. The majority of Atlantic, Gulf and Pacific trips fished primarily in inland waters.

ATLANTIC. In 2008, nearly 7.5 million residents participated in marine recreational fishing. All participants, including visitors, took 52 million trips and caught a total of over 251 million fish. Almost 22 percent of the trips were made in east Florida, followed by nearly 14 percent in North Carolina, 13 percent in New Jersey, more than 11 percent in New York, almost 9 percent in Massachusetts, almost 7 percent in Virginia, and almost 7 percent in Maryland. Together, South Carolina, Connecticut, and Rhode Island accounted for almost 12 percent of the trips, and Georgia, Delaware, Maine, and New Hampshire accounted for the remaining percentage. The most commonly caught non-bait species (in numbers of fish) were summer flounder, Atlantic croaker, bluefish, spot, and black sea bass. The largest harvests by weight were striped bass, bluefish, dolphinfish, summer flounder, and Atlantic croaker.

From 1999 to 2008, total annual catch of striped bass has averaged more than 18 million fish. Catch increased until 2006 but has decreased in subsequent years. From the total catch in 2008 (14 million fish), over 85 percent were released alive. Over the last ten years, the total annual catch of summer flounder increased overall from more than 21 million fish (1999) to almost 25 million fish (2008). In 2008, summer flounder catch (almost 25 million fish) was more than 6 percent above the 10-year average of 23 million fish. The species most commonly caught on Atlantic coast trips that fished primarily in federally managed waters were black sea bass, Atlantic cod, dolphinfish, summer flounder, and bluefish. Al-

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most 29 percent of the total Atlantic catch came on saltwater trips that fished primarily in the state territorial seas, and nearly 63 percent came on trips that fished primarily in inland waters.

GULF OF MEXICO. In 2008, nearly 3.2 million residents participated in marine recreational fishing. All participants, including visitors, took 25 million trips and caught nearly 194 million fish. Over 67 percent of the trips were made in west Florida, followed by 18 percent in Louisiana, almost 7 percent in Alabama, over 4 percent in Texas, and nearly 4 percent in Mississippi. The most commonly caught non-bait species (numbers of fish) were spotted seatrout, red drum, gray snapper, sand seatrout, and gag. The largest harvests by weight were for spotted seatrout, red drum, sheepshead, red snapper, gag, and black drum.

From 1983 to 2008, total annual catch of red snapper has averaged 1.2 million fish. Catch declined to a low in 1990 but has been increasing. From the total catch in 2008 (almost 2.7 million fish), nearly 72 percent were released alive. Over the last ten years, the total annual catch of king mackerel declined to a low in 1989 but has been increasing. In 2008, king mackerel catch (nearly 385,000 fish) was almost 82 percent above the 10-year average of 212,000 fish. The species most commonly caught on Gulf of Mexico trips that fished primarily in federally managed waters were red grouper, gag, red snapper, white grunt, and gray snapper. Over 25 percent of the total Gulf catch came on trips that fished primarily in the state territorial seas, and more than 67 percent came on trips that fished primarily in inland waters.

PACIFIC. In 2008, almost 1.1 million marine recreational fishing participants took almost 4.3 million trips and caught a total of almost 13 million fish. Almost 95 percent of the trips were made in California, followed by 3 percent in Oregon, and more than 2 percent in Washington. The most commonly caught non-bait species (in numbers of fish) were Pacific sardine, black rockfish, kelp bass, barred surfperch, and barred sandbass. By weight, the largest harvests were black rockfish, albacore, California halibut, lingcod, Chinook salmon, and Pacific halibut.

Over the last ten years, the total annual catch of Chinook salmon decreased overall from over 778,000 fish in 1999 to almost 76,000 fish in 2008. In 2008, Chinook salmon catch (almost 76,000 fish) was nearly 87 percent below the 10-year average of almost 573,000 fish. From 1999 to 2008, total annual catch of coho salmon has averaged 553,000 fish. Catch increased until 2001 but has decreased in subsequent years. From the total catch in 2008 (96,000 fish), nearly 27 percent were released alive. The most commonly caught Pacific coast species in federally managed waters were California scorpionfish, Pacific sanddab, barred sandbass, kelp bass, and vermilion rockfish. Almost 76 percent of the total Pacific catch came from trips that fished primarily in the state territorial seas, and almost 19 percent came from trips that fished primarily in inland waters.

ALASKA. In 2007, 988,000 marine recreational fishing participants took nearly 1.5 million trips and caught a total of almost 2.5 million fish. Commonly caught fishes included pacific halibut, rockfishes, lingcod, pacific cod, and the salmons: chinook, chum, coho, pink and sockeye. The most abundantly harvested of the salmons were coho salmon and sockeye salmon. Current year statistics are not available.

HAWAII. In 2008, nearly 329,000 marine recreational participants took 2.5 million trips and caught a total of nearly 4.7 million fish. The most commonly caught non-bait species (in numbers of fish) were skipjack tuna, yellowfin tuna, yellowstripe goatfish, hawaiian flagtail, and bluefin trevally. By weight, the largest harvests were yellowfin tuna, skipjack tuna, dolphinfish, wahoo, blue marlin, and giant trevally.

PUERTO RICO. In 2008, almost 150,000 marine recreational participants took almost 799,000 trips and caught a total of 1.5 million fish. The most commonly caught non-bait species (in numbers of fish) were dolphinfish, lane snapper, yellowtail snapper, blue runner, and white grunt. By weight, the largest harvests were dolphinfish, king mackerel, skipjack tuna, lane snapper, yellowtail snapper, and little tunny/Atlantic bonito.

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U.S. RECREATIONAL HARVEST (A+B1), BY SPECIES, 2007 AND 2008

Species	2007			2008			Average (2004-2008)
	<u>Thousand pounds</u>	<u>Metric tons</u>	<u>Total Numbers (thousands)</u>	<u>Thousand pounds</u>	<u>Metric tons</u>	<u>Total Numbers (thousands)</u>	<u>Thousand pounds</u>
Anchovies **							
Northern Anchovy	7	3	235	7	3	194	16
Other Anchovies	(1)	(1)	98	(1)	(1)	6	(1)
Barracudas							
Pacific Barracuda	568	258	111	244	111	43	528
Other Barracudas	908	412	155	1,177	534	165	850
Bluefish	21,576	9,787	8,659	19,217	8,717	7,120	18,558
Smallmouth Bonefish	38	17	20	98	44	50	138
Cartilaginous Fishes							
Skates/Rays **	502	228	132	217	98	86	283
Spiny Dogfish	12	5	1	6	3	1	8
Other Sharks **	2,757	1,251	426	1,393	632	291	1,933
Catfishes							
Freshwater Catfishes	773	350	470	968	439	448	624
Saltwater Catfishes	1,195	542	699	503	228	438	937
Cods And Hakes							
Atlantic Cod	1,961	890	314	4,200	1,905	502	3,064
Pacific Cod	1	(1)	(1)	1	(1)	(1)	11
Pacific Hake	(1)	(1)	(1)	(1)	(1)	(1)	1
Pacific Tomcod	-	-	-	(1)	(1)	(1)	(1)
Pollock	845	383	161	2,012	912	242	983
Red Hake	67	31	58	218	99	187	127
Walleye Pollock	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Other Cods/Hakes	1,756	796	526	1,759	798	479	1,371
Damselfishes							
Blackspot Sergeant	4	2	40	-	-	20	8
Other Damselfishes	4	2	20	2	1	17	10
Dolphinfishes **	16,079	7,293	1,737	14,117	6,403	1,644	15,179
Drums							
Atlantic Croaker	8,861	4,019	12,074	5,905	2,678	10,667	8,904
Black Drum	3,872	1,756	1,200	7,544	3,422	1,573	4,706
California Corbina	21	10	26	9	4	6	29
Kingfishes	2,898	1,314	5,832	2,951	1,339	6,076	3,149
Queenfish	29	13	162	17	8	144	26
Red Drum	15,857	7,193	3,789	15,481	7,022	3,956	14,886
Sand Seatrout	1,701	772	3,004	1,965	891	3,714	1,446
Silver Perch	41	19	199	32	15	212	45
Spot	5,559	2,521	15,929	4,527	2,054	12,505	4,386
Spotted Seatrout	16,450	7,461	14,087	17,633	7,998	15,694	16,347
Weakfish **	692	314	585	701	318	543	965
White Croaker	104	47	334	27	12	83	69
Other Drum	436	198	640	236	107	445	344
Eels **							
Conger Eels	-	-	(1)	-	-	1	-
Moray Eels	-	-	1	-	-	9	-
Other Eels	54	24	65	6	3	10	19
Hawaiian Flagtail	11	5	178	32	15	232	43
Flounders							
California Halibut **	292	132	35	519	235	73	438
Gulf Flounder	369	167	244	315	143	211	337
Rock Sole	1	1	1	1	1	1	1

See footnotes at end of table.

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Sanddabs	48	22	166	61	28	203	80
Southern Flounder	1,847	838	1,205	1,613	732	1,071	1,729
Starry Flounder	1	(1)	1	1	1	1	4
Summer Flounder	9,863	4,474	3,397	7,924	3,594	2,312	10,235
Winter Flounder	313	142	263	399	181	244	367
Other Flounders **	555	252	116	482	218	106	676
Goatfishes							
Manybar Goatfish	39	18	40	2	1	28	24
Whitesaddle Goatfish	18	8	20	-	-	7	8
Yellowstripe Goatfish	69	31	203	64	29	411	99
Other Goatfishes	12	5	35	5	2	21	37
Greenlings							
Kelp Greenling	34	15	23	34	15	24	35
Lingcod	718	326	98	513	233	76	850
Other Greenlings	3	1	2	2	1	2	2
Grunts							
Pigfish	198	90	773	344	156	888	249
White Grunt	1,018	462	1,129	1,686	765	2,039	1,479
Other Grunts	232	105	1,004	171	77	783	184
Herrings **							
Pacific Herring	4	2	27	(1)	(1)	3	2
Other Herrings	2,436	1,105	44,850	587	266	52,402	1,020
Jacks							
Bigeye Scad	9	4	1,022	-	-	352	36
Bigeye Trevally	-	-	-	-	-	-	4
Blue Runner	5,165	2,343	3,175	1,765	800	1,925	2,464
Bluefin Trevally	254	115	110	241	109	131	446
Creville Jack	1,006	456	461	818	371	400	1,000
Florida Pompano	728	330	515	640	290	536	699
Giant Trevally	28	12	15	412	187	33	362
Greater Amberjack	1,883	854	95	2,483	1,126	129	2,186
Island Jack	44	20	19	33	15	26	42
Mackerel Scad	-	-	67	3	2	49	21
Whitemouth Trevally	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Yellowtail	131	59	10	85	39	6	378
Other Jacks	1,462	663	2,108	764	346	1,602	799
Mullets **							
Striped Mullet	6	3	4	-	-	21	12
Other Mullets	2,616	1,187	8,503	3,231	1,466	8,316	3,215
Porgies							
Pinfishes	2,148	974	7,916	4,147	1,881	9,464	2,609
Red Porgy	194	88	170	217	98	192	173
Scup **	3,649	1,655	3,592	4,044	1,834	3,674	3,486
Sheepshead	5,859	2,658	2,123	6,953	3,154	2,689	6,668
Other Porgies **	149	68	199	171	78	188	167
Puffers	19	8	56	68	31	291	48
Rockfishes							
Black Rockfish	1,482	672	628	1,280	580	582	1,609
Blue Rockfish	370	168	284	222	100	203	484
Bocaccio	115	52	50	76	35	34	118
Brown Rockfish	124	56	92	106	48	76	126

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
Canary Rockfish	20	9	13	11	5	7	20
Chilipepper Rockfish	17	8	15	7	3	9	12
Copper Rockfish	161	73	79	121	55	66	121
Gopher Rockfish	75	34	84	88	40	96	88
Greenspotted Rockfish	30	14	34	23	10	27	31
Olive Rockfish	115	52	69	89	40	57	127
Quillback Rockfish	43	20	20	25	12	11	31
Widow Rockfish	18	8	12	11	5	8	17
Yellowtail Rockfish	166	75	135	88	40	69	114
Other Rockfishes **	773	351	546	498	226	422	775
Sablefishes	8	4	1	3	2	(1)	5
Scorpionfishes	157	71	141	138	63	127	140
Sculpins							
Cabezon	96	44	20	80	36	21	119
Other Sculpins	1	(1)	10	2	1	26	2
Sea Basses							
Barred Sand Bass	219	99	123	235	107	136	664
Black Sea Bass	3,139	1,424	2,650	2,252	1,022	1,780	2,757
<i>Epinephelus</i> Groupers **	1,773	804	286	2,104	954	337	2,218
Groupers	4	2	4	-	-	21	5
Kelp Bass	253	115	157	198	90	133	377
<i>Mycteroperca</i> Groupers **	3,446	1,563	425	4,078	1,850	530	4,043
Spotted Sand Bass	15	7	12	18	8	14	20
Other Sea Basses	74	34	333	55	25	224	126
Sea Chubs **							
Halfmoon	23	10	30	23	10	28	30
Highfin Rudderfish	-	-	16	-	-	47	(1)
Opaleye	38	17	25	33	15	27	36
Other Sea Chubs	1	1	15	6	3	34	5
Searobins	139	63	201	92	42	276	101
Silversides							
Jacksmelt	141	64	346	204	93	581	187
Other Silversides	16	7	290	105	48	305	57
Smelts **							
Surf Smelt	(1)	(1)	61	1	(1)	9	2
Other Smelts	-	-	-	-	-	-	(1)
Snappers							
Blacktail Snapper	1	1	26	15	7	20	6
Bluestripe Snapper	8	3	28	-	-	32	22
Gray Snapper	2,384	1,082	1,883	2,620	1,188	1,961	2,495
Green Jobfish	120	55	12	-	-	7	119
Lane Snapper	263	119	331	255	116	308	273
Pink Snapper	85	38	17	184	84	43	181
Red Snapper	4,072	1,847	1,203	3,826	1,735	860	3,882
Vermilion Snapper	681	309	593	707	320	604	700
Yellowtail Snapper	733	333	708	695	315	610	611
Other Snappers **	1,046	475	487	931	422	580	837
Squirrel/Soldierfishes							
Bigscale Soldierfish	(1)	(1)	1	1	1	8	2
Squirrel Fishes	-	-	4	-	-	-	-
Whitetail Soldierfish	2	1	3	24	11	61	6

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	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds
Other Soldierfishes	-	-	-	-	-	9	-
Sturgeons	39	18	1	24	11	1	43
Surfperches							
Barred Surfperch	141	64	220	208	94	310	190
Black Perch	40	18	51	22	10	35	39
Pile Perch	6	3	5	5	2	9	7
Redtail Surfperch	39	18	26	32	14	34	31
Shiner Perch	8	4	111	4	2	60	9
Silver Surfperch	1	(1)	4	3	1	15	3
Striped Seaperch	36	16	37	31	14	34	24
Walleye Surfperch	23	10	96	21	9	87	23
White Seaperch	6	3	15	5	2	14	7
Other Surfperches	25	11	58	23	10	90	26
Surgeonfishes							
Convict Tang	8	3	94	4	2	155	51
Goldring Sureonfish	-	-	66	-	-	119	2
Unicornfishes	1	(1)	10	4	2	18	4
Other Surgeonfishes	-	-	62	-	-	33	10
Temperate Basses							
Striped Bass	22,758	10,323	2,224	25,847	11,724	2,077	26,289
White Perch	1,502	681	3,517	1,606	728	3,029	1,216
Other Temperate Basses	-	-	(1)	-	-	-	-
Toadfishes	-	-	47	59	27	38	13
Triggerfishes/Filefishes	904	410	463	872	395	380	906
Tunas And Mackerels							
Albacore	13	6	1	-	-	3	4
Atlantic Mackerel	1,948	884	3,079	1,523	691	3,478	2,103
Chub Mackerel	530	240	1,319	642	291	1,904	721
Kawakawa	25	11	9	-	-	12	20
King Mackerel **	9,697	4,398	1,151	6,194	2,809	733	7,469
Little Tunny/Atl. Bonito **	2,391	1,084	297	1,437	652	203	1,904
Pacific Bonito **	140	64	102	322	146	76	404
Skipjack Tuna	1,722	781	228	4,913	2,228	568	2,403
Spanish Mackerel	4,447	2,017	2,939	4,782	2,169	3,329	4,225
Wahoo	1,238	562	57	1,803	818	78	1,510
Yellowfin Tuna	11,129	5,048	273	14,706	6,671	461	8,384
Other Tunas/Mackerels **	12,021	5,453	667	5,679	2,576	438	11,903
Wrasses							
California Sheephead	67	30	22	61	28	26	62
Cunner	94	43	341	218	99	223	89
Hawaiian Hogfish	6	3	4	-	-	2	5
Razorfishes	16	7	45	-	-	49	93
Tautog	4,993	2,265	1,274	3,555	1,613	931	3,737
Other Wrasses	281	128	173	322	146	185	232
Other Fishes **	8,698	3,945	13,052	7,145	3,241	7,258	9,869
Grand Total	256,495	116,344	200,401	247,601	112,310	196,659	250,397

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

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

Alaska and Texas data not included.

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U.S. RECREATIONAL HARVEST (A+B1), BY DISTANCE FROM SHORE AND SPECIES GROUP, 2008

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
	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Total Numbers (thousands)
Anchovies **								
Northern Anchovy	3	1	108	4	2	86	-	-
Other Anchovies	(1)	(1)	5	(1)	(1)	1	-	-
Barracudas								
Pacific Barracuda	6	3	1	187	85	34	51	23
Other Barracudas	200	91	24	407	185	82	570	259
Bluefish	11,592	5,258	4,206	6,036	2,738	2,546	1,590	721
Smallmouth Bonfish	16	7	11	82	37	39	-	-
Cartilaginous Fishes								
Skates/Rays **	103	47	56	112	51	30	1	1
Spiny Dogfish	1	(1)	(1)	2	1	(1)	3	1
Other Sharks **	706	320	168	351	159	84	335	152
Catfishes								
Freshwater Catfishes	965	438	447	2	1	1	-	-
Saltwater Catfishes	361	164	297	137	62	135	6	3
Cods And Hakes								
Atlantic Cod	285	129	49	88	40	12	3,827	1,736
Pacific Cod	(1)	(1)	(1)	(1)	(1)	(1)	-	-
Pacific Hake	-	-	-	(1)	(1)	(1)	(1)	(1)
Pacific Tomcod	-	-	-	(1)	(1)	(1)	-	-
Pollock	118	53	29	477	217	63	1,416	642
Red Hake	1	(1)	(1)	9	4	8	209	95
Other Cods/Hakes	22	10	7	105	48	40	1,632	740
Damselfishes								
Blackspot Sergeant	-	-	-	-	-	20	-	-
Other Damselfishes	1	1	7	1	(1)	9	-	-
Dolphinfishes **	50	23	5	1,762	799	181	12,305	5,581
Drums								
Atlantic Croaker	5,542	2,514	10,123	224	101	391	139	63
Black Drum	6,443	2,922	1,188	724	329	364	377	171
California Corbina	1	(1)	1	8	4	5	-	-
Kingfishes	1,631	740	3,182	1,301	590	2,826	19	9
Queenfish	5	2	34	12	5	110	-	-
Red Drum	13,766	6,244	3,577	1,636	742	362	79	36
Sand Seatrout	1,690	767	3,184	255	116	502	20	9
Silver Perch	21	9	146	12	5	66	-	-
Spot	2,303	1,045	6,591	2,166	983	5,739	58	26
Spotted Seatrout	15,105	6,852	14,005	2,275	1,032	1,530	253	115
Weakfish **	596	270	455	88	40	74	17	8
White Croaker	14	6	32	13	6	49	(1)	(1)
Grand Total								

See footnotes at end of table.

U.S. Marine Recreational Fisheries

U.S. RECREATIONAL HARVEST (A+B1), BY DISTANCE FROM SHORE AND SPECIES GROUP, 2008

Species	Distance from U.S. shores						3 to 200 miles (Exclusive Economic Zone)			Grand Total		
	Inland			0 to 3 miles (2,3) (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)
Other Drum	70	32	177	162	74	266	5	2	3	236	107	445
Eels **												
Conger Eels	-	-	-	-	-	1	-	-	-	-	-	1
Moray Eels	-	-	-	-	-	9	-	-	-	-	-	9
Other Eels	1	(1)	4	-	-	5	5	2	1	6	3	10
Hawaiian Flagtail	11	5	55	21	10	177	-	-	-	32	15	232
Flounders												
California Halibut **	399	181	59	114	52	13	6	3	1	519	235	73
Gulf Flounder	180	82	125	80	36	59	55	25	27	315	143	211
Rock Sole	-	-	-	1	(1)	1	(1)	(1)	(1)	1	1	1
Sanddabs	1	(1)	1	28	13	105	32	15	96	61	28	203
Southern Flounder	1,419	644	957	167	76	100	26	12	14	1,613	732	1,071
Starry Flounder	1	(1)	1	(1)	(1)	(1)	-	-	-	1	1	1
Summer Flounder	4,506	2,044	1,387	3,166	1,436	849	252	114	76	7,924	3,594	2,312
Winter Flounder	213	97	132	157	71	92	29	13	20	399	181	244
Other Flounders **	12	5	46	452	205	58	17	8	2	482	218	106
Goatfishes												
Manybar Goatfish	1	1	4	1	(1)	24	-	-	1	2	1	28
Whitesaddle Goatfish	-	-	(1)	-	-	7	-	-	-	-	-	7
Yellowstripe Goatfish	9	4	132	55	25	279	-	-	-	64	29	411
Other Goatfishes	-	-	-	5	2	21	-	-	1	5	2	21
Greenlings												
Kelp Greenling	5	2	4	29	13	19	(1)	(1)	(1)	34	15	24
Lingcod	26	12	4	462	210	68	25	11	3	513	233	76
Other Greenlings	(1)	(1)	(1)	2	1	1	(1)	(1)	(1)	2	1	2
Grunts												
Pigfish	269	122	655	65	30	206	10	4	28	344	156	888
White Grunt	177	80	253	749	340	980	760	345	806	1,686	765	2,039
Other Grunts	61	28	187	75	34	299	34	16	297	171	77	783
Herrings **												
Pacific Herring	(1)	(1)	1	(1)	(1)	2	-	-	-	(1)	(1)	3
Other Herrings	251	114	39,601	311	141	10,964	25	12	1,838	587	266	52,402
Jacks												
Bigeye Scad	-	-	39	-	-	309	-	-	5	-	-	352
Blue Runner	302	137	247	1,224	555	1,383	239	108	295	1,765	800	1,925
Bluefin Trevally	13	6	6	227	103	121	1	(1)	3	241	109	131
Crevalle Jack	338	153	197	453	205	196	28	13	7	818	371	400
Florida Pompano	189	86	110	440	199	421	11	5	6	640	290	536
Giant Trevally	-	-	(1)	377	171	31	35	16	1	412	187	33
Greater Amberjack	-	-	-	329	149	19	2,155	977	110	2,483	1,126	129

See footnotes at end of table.

U.S. Marine Recreational Fisheries

U.S. RECREATIONAL HARVEST (A+B1), BY DISTANCE FROM SHORE AND SPECIES GROUP, 2008

Species	Distance from U.S. shores						3 to 200 miles (Exclusive Economic Zone)			Grand Total		
	Inland			0 to 3 miles (2,3) (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)						
Island Jack	3	1	1	30	14	25	-	-	-	33	15	26
Mackerel Scad	-	-	-	3	2	47	-	-	2	3	2	49
Yellowtail	-	-	-	50	23	3	35	16	2	85	39	6
Other Jacks	77	35	184	278	126	959	408	185	459	764	346	1,602
Mullet **												
Striped Mullet	-	-	11	-	-	7	-	-	3	-	-	21
Other Mullet	1,902	863	5,305	1,268	575	2,886	62	28	125	3,231	1,466	8,316
Porgies												
Pinfishes	3,076	1,395	6,551	861	390	2,455	210	95	459	4,147	1,881	9,464
Red Porgy	2	1	3	28	13	33	186	84	156	217	98	192
Scup **	3,550	1,610	3,144	338	153	368	156	71	163	4,044	1,834	3,674
Sheepshead	5,478	2,485	2,134	1,365	619	526	109	50	29	6,953	3,154	2,689
Other Porgies **	10	4	12	82	37	102	79	36	75	171	78	188
Puffers	44	20	122	24	11	169	-	-	-	68	31	291
Rockfishes												
Black Rockfish	81	37	36	1,181	535	538	18	8	8	1,280	580	582
Blue Rockfish	2	1	1	215	98	198	4	2	4	222	100	203
Bocaccio	(1)	(1)	(1)	38	17	16	38	17	17	76	35	34
Brown Rockfish	4	2	5	95	43	66	7	3	5	106	48	76
Canary Rockfish	1	(1)	1	9	4	6	1	(1)	1	11	5	7
Chilipepper Rockfish	-	-	-	2	1	2	5	2	7	7	3	9
Copper Rockfish	3	2	1	101	46	55	16	7	10	121	55	66
Gopher Rockfish	1	(1)	1	84	38	92	3	1	3	88	40	96
Greenspotted Rockfish	(1)	(1)	(1)	11	5	12	13	6	15	23	10	27
Olive Rockfish	1	(1)	1	86	39	56	2	1	1	89	40	57
Quillback Rockfish	2	1	1	22	10	10	1	(1)	(1)	25	12	11
Widow Rockfish	-	-	-	9	4	6	2	1	1	11	5	8
Yellowtail Rockfish	2	1	1	80	36	64	6	3	3	88	40	69
Other Rockfishes **	17	8	14	383	174	303	97	44	105	498	226	422
Sablefishes	(1)	(1)	(1)	3	2	(1)	-	-	-	3	2	(1)
Scorpionfishes	7	3	6	50	23	47	81	37	75	138	63	127
Sculpins												
Cabezon	5	2	2	71	32	18	3	2	1	80	36	21
Other Sculpins	1	(1)	14	1	(1)	11	1	(1)	1	2	1	26
Sea Basses												
Barred Sand Bass	25	11	15	170	77	99	40	18	22	235	107	136
Black Sea Bass	591	268	410	593	269	481	1,069	485	889	2,252	1,022	1,780
Epinephelus Groupers **	26	12	6	257	117	126	1,821	826	205	2,104	954	337
Groupers	6	3	4	174	79	117	18	8	12	198	90	133
Kelp Bass	348	158	48	814	369	113	2,916	1,323	370	4,078	1,850	530

See footnotes at end of table.

U.S. Marine Recreational Fisheries

U.S. RECREATIONAL HARVEST (A+B1), BY DISTANCE FROM SHORE AND SPECIES GROUP, 2008

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)	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)			
<i>Mycteroperca</i> Groupers **	15	7	11	3	2	3	(1)	(1)	(1)	18	8	14
Spotted Sand Bass	-	-	2	-	-	18	-	-	1	-	-	21
Other Sea Basses	17	8	53	23	10	74	15	7	98	55	25	224
Sea Chubs **												
Halfmoon	1	1	2	21	9	26	(1)	(1)	(1)	23	10	28
Highfin Rudderfish	-	-	-	-	-	47	-	-	-	-	-	47
Opaleye	14	6	13	19	8	14	1	(1)	(1)	33	15	27
Other Sea Chubs	5	2	3	(1)	(1)	31	-	-	-	6	3	34
Searobins	55	25	213	35	16	57	2	1	6	92	42	276
Silversides												
Jacksmelt	90	41	268	114	52	312	(1)	(1)	(1)	204	93	581
Other Silversides	69	31	183	35	16	121	(1)	(1)	1	105	48	305
Smelts **												
Surf Smelt	(1)	(1)	(1)	1	(1)	9	-	-	-	1	(1)	9
Other Smelts	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Snappers												
Blacktail Snapper	-	-	4	15	7	16	-	-	-	15	7	20
Bluesnapper	-	-	-	-	-	32	-	-	-	-	-	32
Gray Snapper	848	385	938	642	291	617	1,130	513	407	2,620	1,188	1,961
Green Jobfish	-	-	-	-	-	6	-	-	2	-	-	7
Lane Snapper	23	11	39	147	66	189	86	39	80	255	116	308
Pink Snapper	-	-	-	170	77	32	14	7	11	184	84	43
Red Snapper	60	27	12	1,007	457	281	2,759	1,251	567	3,826	1,735	860
Vermilion Snapper	2	1	2	91	41	91	613	278	511	707	320	604
Yellowtail Snapper	11	5	12	256	116	252	428	194	347	695	315	610
Other Snappers **	75	34	73	593	269	357	263	119	150	931	422	580
Squirrel/Soldierfishes												
Bigscale Soldierfish	-	-	5	1	1	3	-	-	-	1	1	8
Squirrel Fishes	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Whitetail Soldierfish	-	-	-	24	11	61	-	-	-	24	11	61
Other Soldierfishes	-	-	-	-	-	9	-	-	-	-	-	9
Sturgeons	24	11	1	-	-	-	-	-	-	24	11	1
Surfperches												
Barred Surfperch	(1)	(1)	2	207	94	309	(1)	(1)	(1)	208	94	310
Black Perch	9	4	14	13	6	21	(1)	(1)	(1)	22	10	35
Pile Perch	3	1	3	2	1	6	(1)	(1)	(1)	5	2	9
Redtail Surfperch	2	1	2	30	14	32	-	-	-	32	14	34
Shiner Perch	2	1	30	1	1	30	-	-	-	4	2	60
Silver Surfperch	(1)	(1)	1	3	1	14	-	-	-	3	1	15
Striped Seaperch	4	2	5	27	12	28	(1)	(1)	(1)	31	14	34

See footnotes at end of table.

U.S. Marine Recreational Fisheries

U.S. RECREATIONAL HARVEST (A+B1), BY DISTANCE FROM SHORE AND SPECIES GROUP, 2008

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)	
	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)				
Walleye Surfperch	2	1	6	19	9	81	(1)	(1)	9	87
White Seaperch	3	1	8	2	1	6	(1)	(1)	2	14
Other Surfperches	3	2	8	19	9	81	(1)	(1)	23	90
Surgeonfishes										
Convict Tang	-	-	-	4	2	155	-	-	4	2
Goldring Surgeonfish	-	-	37	-	-	83	-	-	-	119
Unicornfishes	-	-	-	4	2	18	-	-	4	2
Other Surgeonfishes	-	-	(1)	-	-	33	-	-	-	33
Temperate Basses										
Striped Bass	13,696	6,213	1,329	11,228	5,093	695	922	418	25,847	2,077
White Perch	1,598	725	2,996	7	3	32	-	-	1,606	3,029
Other Temperate Basses	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Toadfishes	59	27	34	-	-	4	-	-	59	38
Triggerfishes/Filefishes	26	12	12	285	129	127	561	255	872	395
Tunas And Mackerels										
Albacore	-	-	-	-	-	-	-	-	-	3
Atlantic Mackerel	646	293	1,544	656	297	1,563	222	101	1,523	3,478
Chub Mackerel	36	16	108	595	270	1,779	11	5	642	1,904
Kawakawa	-	-	-	-	-	3	-	-	-	12
King Mackerel **	67	30	12	2,434	1,104	302	3,694	1,675	6,194	733
Little Tunny/Atl. Bonito **	23	10	5	649	294	100	766	347	1,437	203
Pacific Bonito **	6	3	2	244	111	61	71	32	322	76
Skipjack Tuna	-	-	-	217	98	18	4,696	2,130	4,913	568
Spanish Mackerel	1,297	589	904	2,998	1,360	2,093	486	220	4,782	3,329
Wahoo	-	-	-	220	100	9	1,583	718	1,803	78
Yellowfin Tuna	-	-	-	122	55	4	14,584	6,615	14,706	461
Other Tunas/Mackerels **	86	39	14	1,273	577	115	4,321	1,960	5,679	438
Wrasses										
California Sheephead	2	1	1	53	24	23	6	3	61	28
Cunner	25	11	31	184	83	176	10	4	218	99
Hawaiian Hogfish	-	-	-	-	-	2	-	-	-	2
Razorfishes	-	-	-	-	-	49	-	-	-	49
Tautog	2,717	1,232	681	498	226	158	340	154	3,555	931
Other Wrasses	12	5	13	98	45	67	212	96	322	146
Other Fishes **	1,669	757	4,811	1,494	678	1,733	3,982	1,806	7,145	7,258
Grand Total	108,570	49,246	124,803	63,190	28,663	55,160	75,841	34,401	247,601	196,659

NOTES: (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) Includes all OR and WA harvest (where distance from shore is unknown).
 ** Fish included in these groups are not equivalent to those with similar names listed in the commercial tables.
 Alaska and Texas data not included.

U.S. Marine Recreational Fisheries

U.S. RECREATIONAL HARVEST (A+B1) AND TOTAL LIVE RELEASES (B2), BY SPECIES GROUP, 1999-2008

Year	Barracudas			Bluefish		
	<u>Pounds</u>	<u>Number</u>	<u>Number</u>	<u>Pounds</u>	<u>Number</u>	<u>Number</u>
	<u>Harvested</u> (thousands)	<u>Harvested</u> (thousands)	<u>Released</u> (thousands)	<u>Harvested</u> (thousands)	<u>Harvested</u> (thousands)	<u>Released</u> (thousands)
1999	3,180	562	869	8,612	3,856	8,022
2000	2,572	526	912	10,945	5,048	11,594
2001	2,422	490	853	13,930	7,016	14,142
2002	2,862	570	1,190	11,752	5,495	10,273
2003	2,181	409	725	13,525	6,243	9,461
2004	2,037	377	601	16,433	7,521	12,326
2005	1,114	189	331	18,431	8,902	14,034
2006	842	161	313	17,131	7,806	13,686
2007	1,477	266	471	21,576	8,659	16,677
2008	1,421	208	409	19,217	7,120	14,238
Year	Cartilaginous Fishes			Catfishes		
	<u>Pounds</u>	<u>Number</u>	<u>Number</u>	<u>Pounds</u>	<u>Number</u>	<u>Number</u>
	<u>Harvested</u> (thousands)	<u>Harvested</u> (thousands)	<u>Released</u> (thousands)	<u>Harvested</u> (thousands)	<u>Harvested</u> (thousands)	<u>Released</u> (thousands)
1999	3,109	356	6,182	998	729	7,703
2000	3,765	563	8,871	1,470	958	11,331
2001	2,544	541	11,640	1,149	785	12,271
2002	1,718	454	9,863	925	719	9,943
2003	1,832	416	12,306	2,141	1,466	13,562
2004	1,458	356	12,116	1,627	880	12,257
2005	1,939	452	13,524	1,355	903	12,596
2006	2,834	481	13,259	1,383	905	12,347
2007	3,271	559	14,363	1,968	1,169	13,096
2008	1,615	378	12,420	1,471	886	11,447
Year	Cods And Hakes			Dolphinfishes		
	<u>Pounds</u>	<u>Number</u>	<u>Number</u>	<u>Pounds</u>	<u>Number</u>	<u>Number</u>
	<u>Harvested</u> (thousands)	<u>Harvested</u> (thousands)	<u>Released</u> (thousands)	<u>Harvested</u> (thousands)	<u>Harvested</u> (thousands)	<u>Released</u> (thousands)
1999	2,978	781	974	13,413	2,072	217
2000	6,501	1,507	2,062	18,044	2,647	310
2001	9,010	1,702	2,367	17,861	2,219	311
2002	5,752	1,036	1,624	14,797	1,825	142
2003	5,926	1,102	1,760	14,939	2,086	272
2004	5,137	1,282	1,303	15,177	1,707	179
2005	5,545	1,519	2,055	14,104	1,676	322
2006	4,280	941	1,181	16,419	1,781	348
2007	4,630	1,058	1,511	16,079	1,737	424
2008	8,190	1,410	1,787	14,117	1,644	338

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, 1999-2008

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)
1999	44,505	42,168	50,438	12,908	6,653	19,855
2000	61,041	51,289	63,757	22,870	11,867	21,998
2001	56,748	51,959	50,790	16,991	8,588	27,178
2002	45,659	41,610	51,551	13,221	8,846	17,204
2003	52,789	47,826	58,599	16,702	7,494	18,848
2004	52,849	48,794	55,902	15,195	7,277	19,365
2005	49,686	48,867	64,458	14,107	6,249	25,328
2006	60,426	56,662	68,525	15,428	6,209	20,697
2007	56,520	57,860	68,979	13,290	5,429	22,490
2008	57,029	55,618	70,408	11,315	4,222	25,111
Year	Greenlings			Grunts		
	<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)
1999	1,516	270	249	2,038	3,259	7,210
2000	1,494	323	551	2,333	3,918	6,471
2001	1,189	294	593	3,345	4,847	8,647
2002	2,461	474	1,174	2,765	4,448	6,803
2003	2,938	529	863	2,581	4,200	6,912
2004	680	114	260	2,388	3,503	6,896
2005	1,319	196	231	2,235	3,478	4,568
2006	1,133	160	156	1,292	2,119	2,928
2007	755	123	98	1,448	2,906	4,902
2008	549	101	84	2,201	3,711	6,037
Year	Herrings			Jacks		
	<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)
1999	649	23,278	7,625	6,969	3,435	6,776
2000	630	31,564	8,000	9,123	5,552	7,780
2001	1,193	34,872	7,311	9,372	7,978	10,248
2002	1,393	50,067	7,722	7,366	7,143	7,094
2003	814	48,530	8,564	9,642	8,687	7,967
2004	273	54,602	10,150	8,994	6,755	8,691
2005	922	37,679	3,279	5,902	4,611	6,055
2006	887	62,733	10,101	9,326	7,007	7,867
2007	2,439	44,876	5,901	10,709	7,597	7,060
2008	587	52,405	2,887	7,245	5,189	7,147

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, 1999-2008

Year	Mullet			Porgies		
	<u>Pounds</u>	<u>Number</u>	<u>Number</u>	<u>Pounds</u>	<u>Number</u>	<u>Number</u>
	<u>Harvested</u> (thousands)	<u>Harvested</u> (thousands)	<u>Released</u> (thousands)	<u>Harvested</u> (thousands)	<u>Harvested</u> (thousands)	<u>Released</u> (thousands)
1999	2,241	5,710	904	8,397	10,620	12,630
2000	2,846	7,097	2,188	13,508	16,719	17,078
2001	3,728	7,445	2,022	13,179	17,222	19,944
2002	2,490	9,768	1,843	10,924	14,846	16,961
2003	3,405	9,713	2,206	17,789	19,299	17,030
2004	3,615	10,406	3,132	16,689	17,037	19,180
2005	2,778	7,220	1,735	11,467	12,898	14,670
2006	3,885	9,253	2,068	9,829	12,692	17,052
2007	2,622	8,506	2,633	11,999	14,000	17,243
2008	3,231	8,337	1,388	15,531	16,209	23,217
Year	Puffers			Rockfishes		
	<u>Pounds</u>	<u>Number</u>	<u>Number</u>	<u>Pounds</u>	<u>Number</u>	<u>Number</u>
	<u>Harvested</u> (thousands)	<u>Harvested</u> (thousands)	<u>Released</u> (thousands)	<u>Harvested</u> (thousands)	<u>Harvested</u> (thousands)	<u>Released</u> (thousands)
1999	59	175	1,117	6,195	4,943	478
2000	117	242	1,194	6,621	4,719	612
2001	181	349	1,597	5,520	3,914	786
2002	196	355	1,427	6,166	4,270	1,165
2003	177	257	1,454	5,180	3,329	1,391
2004	69	148	1,339	3,540	2,062	556
2005	58	248	1,049	4,746	3,151	812
2006	28	92	1,110	3,932	2,253	741
2007	19	56	1,757	3,510	2,061	371
2008	68	291	1,895	2,645	1,668	322
Year	Sculpins			Sea Basses		
	<u>Pounds</u>	<u>Number</u>	<u>Number</u>	<u>Pounds</u>	<u>Number</u>	<u>Number</u>
	<u>Harvested</u> (thousands)	<u>Harvested</u> (thousands)	<u>Released</u> (thousands)	<u>Harvested</u> (thousands)	<u>Harvested</u> (thousands)	<u>Released</u> (thousands)
1999	222	102	228	9,352	3,865	14,627
2000	220	80	457	15,598	8,015	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	111	14,591	6,110	19,705
2005	172	45	122	10,430	4,615	16,754
2006	116	35	105	8,172	3,941	16,397
2007	97	30	95	8,924	3,991	22,201
2008	82	47	122	8,940	3,177	25,293

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, 1999-2008

Year	Sea Chubs			Searobins		
	<u>Pounds</u>	<u>Number</u>	<u>Number</u>	<u>Pounds</u>	<u>Number</u>	<u>Number</u>
	<u>Harvested</u> (thousands)	<u>Harvested</u> (thousands)	<u>Released</u> (thousands)	<u>Harvested</u> (thousands)	<u>Harvested</u> (thousands)	<u>Released</u> (thousands)
1999	92	82	14	78	122	5,950
2000	137	125	72	96	170	7,689
2001	208	191	96	138	143	8,176
2002	217	214	83	156	200	7,763
2003	651	267	32	77	195	7,989
2004	78	135	34	172	207	3,661
2005	90	140	59	70	193	4,287
2006	64	154	60	33	123	4,915
2007	62	86	55	139	201	6,944
2008	62	136	30	92	276	7,053
Year	Silversides			Smelts		
	<u>Pounds</u>	<u>Number</u>	<u>Number</u>	<u>Pounds</u>	<u>Number</u>	<u>Number</u>
	<u>Harvested</u> (thousands)	<u>Harvested</u> (thousands)	<u>Released</u> (thousands)	<u>Harvested</u> (thousands)	<u>Harvested</u> (thousands)	<u>Released</u> (thousands)
1999	129	396	147	28	1,223	9
2000	127	613	163	140	1,965	8
2001	210	904	241	319	3,667	78
2002	184	644	328	312	4,181	25
2003	273	1,219	469	143	1,597	143
2004	166	706	348	(1)	8	5
2005	245	894	446	5	128	(1)
2006	344	1,184	673	2	21	1
2007	157	636	385	(1)	61	-
2008	309	886	491	1	9	(1)
Year	Snappers			Surfperches		
	<u>Pounds</u>	<u>Number</u>	<u>Number</u>	<u>Pounds</u>	<u>Number</u>	<u>Number</u>
	<u>Harvested</u> (thousands)	<u>Harvested</u> (thousands)	<u>Released</u> (thousands)	<u>Harvested</u> (thousands)	<u>Harvested</u> (thousands)	<u>Released</u> (thousands)
1999	7,344	3,440	7,331	415	700	356
2000	7,086	3,462	8,187	345	811	428
2001	7,804	3,756	6,995	426	954	524
2002	8,290	3,567	7,998	431	902	637
2003	9,496	4,501	10,059	655	1,062	1,044
2004	9,878	4,592	8,648	380	795	650
2005	8,488	4,335	9,860	295	704	1,073
2006	8,631	4,460	8,918	443	862	1,568
2007	9,393	5,287	13,092	324	623	690
2008	9,232	5,025	12,849	352	686	553

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, 1999-2008

Year	Temperate Basses			Toadfishes		
	<u>Pounds</u>	<u>Number</u>	<u>Number</u>	<u>Pounds</u>	<u>Number</u>	<u>Number</u>
	<u>Harvested</u> (thousands)	<u>Harvested</u> (thousands)	<u>Released</u> (thousands)	<u>Harvested</u> (thousands)	<u>Harvested</u> (thousands)	<u>Released</u> (thousands)
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	28,212	4,265	21,219	3	15	1,760
2005	26,994	5,068	25,296	1	20	1,428
2006	30,609	5,741	31,097	(1)	7	1,773
2007	24,260	5,741	22,948	-	47	1,790
2008	27,452	5,105	16,537	59	38	1,958
Year	Triggerfishes/Filefishes			Tunas And Mackerels		
	<u>Pounds</u>	<u>Number</u>	<u>Number</u>	<u>Pounds</u>	<u>Number</u>	<u>Number</u>
	<u>Harvested</u> (thousands)	<u>Harvested</u> (thousands)	<u>Released</u> (thousands)	<u>Harvested</u> (thousands)	<u>Harvested</u> (thousands)	<u>Released</u> (thousands)
1999	757	393	196	33,935	8,368	3,916
2000	649	319	200	41,738	10,265	5,464
2001	649	362	242	42,120	11,447	7,302
2002	920	456	312	31,092	9,814	6,623
2003	978	526	275	52,255	9,567	6,257
2004	1,144	643	403	39,204	8,953	5,685
2005	992	511	351	34,947	9,275	4,720
2006	618	317	288	43,797	13,183	7,048
2007	904	463	481	45,300	10,122	5,419
2008	872	380	305	42,000	11,284	6,049
Year	Wrasses					
	<u>Pounds</u>	<u>Number</u>	<u>Number</u>			
	<u>Harvested</u> (thousands)	<u>Harvested</u> (thousands)	<u>Released</u> (thousands)			
1999	2,958	951	3,101			
2000	3,773	1,108	2,468			
2001	3,051	1,031	3,062			
2002	5,808	1,731	3,598			
2003	2,909	1,270	2,076			
2004	4,307	1,807	2,945			
2005	2,883	1,118	2,434			
2006	4,286	1,322	3,101			
2007	5,457	1,859	3,912			
2008	4,157	1,416	3,006			

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

Texas only estimates harvest (no weight or release data) and includes only private and for-hire fisheries.

U.S. Marine Recreational Fisheries

U.S. RECREATIONAL FINFISH HARVEST (A+B1) AND RELEASED (B2), BY STATE, 2007 and 2008

State	2007		
	<u>Pounds Harvested</u> (thousands)	<u>Number Harvested</u> (thousands)	<u>Number Released</u> (thousands)
California	8,155	6,762	5,315
Oregon	3,997	573	93
Washington	2,893	578	138
Connecticut	6,139	1,657	4,720
Maine	1,653	1,447	1,471
Massachusetts	13,428	11,156	11,538
New Hampshire	1,512	488	1,038
Rhode Island	4,596	1,432	3,831
Delaware	1,823	1,235	4,570
Maryland	9,302	10,056	19,048
New Jersey	16,654	6,198	26,511
New York	17,665	5,966	16,358
Virginia	15,264	16,895	21,407
Florida	66,191	85,186	94,114
Georgia	2,096	1,843	4,391
North Carolina	23,349	14,863	19,987
South Carolina	4,234	4,977	8,685
Alabama	6,724	4,018	6,225
Louisiana	28,372	15,758	19,689
Mississippi	1,988	1,273	2,415
Hawaii	18,083	3,329	381
Texas	-	3,643	-
Alaska	-	2,471	-
Puerto Rico	2,376	1,068	220
Grand Total	256,495	202,872	272,145

State	2008		
	<u>Pounds Harvested</u> (thousands)	<u>Number Harvested</u> (thousands)	<u>Number Released</u> (thousands)
California	6,147	7,068	4,724
Oregon	1,736	440	68
Washington	1,947	374	75
Connecticut	6,845	1,674	6,382
Maine	1,702	1,159	1,113
Massachusetts	16,580	5,729	9,547
New Hampshire	1,837	866	586
Rhode Island	3,956	1,523	3,806
Delaware	1,664	955	3,900
Maryland	6,098	5,915	16,054
New Jersey	18,524	7,109	29,536
New York	17,748	5,662	19,947
Virginia	11,035	13,865	16,890
Florida	58,468	91,030	92,214
Georgia	3,082	2,764	5,253
North Carolina	15,896	12,194	19,972
South Carolina	4,377	4,983	7,266
Alabama	6,160	4,806	5,276
Louisiana	31,965	17,436	21,679
Mississippi	2,028	1,726	2,497
Hawaii	27,895	4,354	327
Texas	-	3,684	-
Alaska	-	-	-
Puerto Rico	1,911	1,341	177
Grand Total	247,601	196,659	267,289

NOTE: Texas only estimates harvest (no weight or release data) and includes only private and for-hire fisheries.
Oregon and Washington estimates include only private and for-hire fisheries.
Alaska estimates not available for current year.

U.S. Marine Recreational Fisheries

U.S. RECREATIONAL NUMBERS OF ANGLERS AND TRIPS BY STATES, 2007 AND 2008

State	2007			
	Out-of-State Anglers	In-State Anglers		Number of Angler Trips
		From Coastal Counties	From Non-Coastal Counties	
----- Numbers in thousands -----				
California	-	-	-	4,177
Oregon	-	-	-	187
Washington	-	-	-	143
Connecticut	61	302	-	1,683
Maine	260	174	13	1,222
Massachusetts	465	664	179	4,710
New Hampshire	63	97	13	538
Rhode Island	229	171	-	1,545
Delaware	224	150	-	1,296
Maryland	528	850	78	4,045
New Jersey	518	890	19	7,436
New York	147	881	39	6,218
Virginia	297	463	76	3,723
Florida	3,159	4,102	-	31,568
Georgia	45	149	115	926
North Carolina	1,079	564	265	6,979
South Carolina	551	277	113	2,577
Alabama	291	253	169	2,120
Louisiana	157	853	124	4,516
Mississippi	55	196	34	1,233
Hawaii	146	170	-	2,577
Texas	-	-	-	1,058
Alaska	-	989	-	1,499
Puerto Rico	20	165	-	1,080
Grand Total				93,057
State	2008			
	Out-of-State Anglers	In-State Anglers		Number of Angler Trips
		From Coastal Counties	From Non-Coastal Counties	
----- Numbers in thousands -----				
California	-	-	-	4,037
Oregon	-	-	-	128
Washington	-	-	-	106
Connecticut	123	381	-	1,911
Maine	180	121	9	840
Massachusetts	469	655	170	4,465
New Hampshire	46	63	8	349
Rhode Island	297	169	-	1,621
Delaware	182	134	-	1,067
Maryland	507	643	50	3,393
New Jersey	456	765	26	6,760
New York	118	817	32	5,954
Virginia	338	464	89	3,425
Florida	2,732	3,137	-	28,143
Georgia	98	190	154	1,282
North Carolina	1,079	587	303	7,181
South Carolina	604	236	103	2,576
Alabama	237	192	116	1,671
Louisiana	170	795	120	4,541
Mississippi	48	119	26	969
Hawaii	137	192	-	2,531
Texas	-	-	-	1,057
Alaska	-	-	-	-
Puerto Rico	22	128	-	799
Grand Total				84,804

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

CA, OR, and WA angler data not available.

AK, OR, and WA estimates not available for current year.

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