

## DATA COLLECTION

Detailed information on marine recreational fishing is required to support a variety of fishery management purposes and is mandated by the Sustainable Fisheries Act, 1996 (PL 104-297) and the Magnuson-Stevens Fishery Conservation and Management Reauthorization Act of 2006 (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 8 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 marine recreational fishing significantly impacts the stocks of many finfish species, and recreational catches surpass commercial landings of some species.

## METHODS

On the Atlantic and Gulf coasts of the U.S., the marine 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 an access-point angler-intercept survey of completed angler fishing trips (AP AIS). 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, angler avidity, species composition of catches, catch rates by species, and lengths and weights of landed fish. These data are combined to produce estimates of participation, 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 sub-region, state and wave

(bimonthly sampling period), and further partitioned by species, fishing mode (private/rental boat, party/charter boat, and shore), primary area fished, and catch type.

On the Atlantic and Gulf Coasts, and in California, effort for the party and charter boat fishing modes is 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 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 estimated total angler trips and the estimated mean catch per trip. Although the FHS produces separate estimates for party and charter boat on the Atlantic and Gulf Coasts, for-hire fishing vessels are not designated by type in California or Puget Sound. 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 for the Gulf Coast only include charter boats.

In Oregon and Washington, ocean boats surveys are used 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 and portioned by type of boat, type of trip and water area. Catch estimates in numbers of fish and weight are produced for each species of fish.

## COVERAGE

In 2013, the Marine Recreational Information Program (MRIP) 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.noaa.gov/recreational-fisheries](http://www.st.nmfs.noaa.gov/recreational-fisheries)). 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 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. Recreational fishing data in Alaska are collected through an annual mail survey administered by the Alaska Department of Fish and Game. 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. Puerto Rico was not surveyed between 1981 and 2000. Since 2004, the numbers reported for Washington and Oregon 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. In 2004, Jan/Feb data collection resumed in North Carolina. With a few exceptions the recreational statistics program has not collected data in Jan/Feb on the Atlantic coast north of Florida since 1980. A pilot study of fishing effort in Jan/Feb by coastal household residents (CHTS) was conducted in 2010 in NY, NJ, DE, MD, and VA. Results suggested only ~ 0.1 – 1.3% of coastal households reported fishing in Jan/Feb in these mid-Atlantic states, compared to the average fishing household rates of 1.25 – 4.5% in Mar/Apr and Nov/Dec (2007-2009 pooled), the two lowest periods of activity that are surveyed by the CHTS regularly. These extremely low levels of fishing incidence in Wave 1 are therefore difficult to

survey precisely and suggest very low contribution to annual catches if the anglers are successful.

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.

## CATCH AND EFFORT ESTIMATION

The Marine Recreational Information Program (MRIP) produced a new method for estimating catch rates using properly weighted intercept data collected via the APAIS. This new method was determined to produce superior, unbiased catch rate estimates compared to the existing procedures and has been used for all catch estimates beginning in 2004. The method also produces unbiased adjustment factors for out-of-frame anglers who are not covered by the CHTS so the effort estimates would also be improved. The resultant catch estimates are unbiased estimates for finfish catch, including descriptors such as average weight of landed fish and length frequencies of landed fish.

## DATA TABLES

The estimated harvests (numbers and weight of fish) for the continental U.S., Alaska, Hawaii, and Puerto Rico are presented. Harvest estimates include both Type A (observed) and Type B1 (reported). Harvest by weight are not available for Texas and Alaska. Numbers of fish harvested (A + B1) and released alive (Type B2) 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 Texas and 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.

# U.S. Marine Recreational Fisheries

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## 2013 MARINE RECREATIONAL FISHING DATA

In 2013, almost 11 million anglers made nearly 71 million marine recreational fishing trips in the continental United States. Alaska data are not available for the current year. The estimated total marine recreational catch was over 430 million fish, of which almost 61 percent were released alive. The estimated total weight of harvested catch was 239 million pounds. The Atlantic coast accounted for the majority of trips (nearly 52 percent) and catch (almost 51 percent). The Gulf coast accounted for over 37 percent of trips, and almost 45 percent of the catch. The Pacific coast accounted for 8 percent of trips, and almost 4 percent of the catch. Nationally, most (57 percent in numbers of fish) of the recreational catch came from inland waters, almost 33 percent from state territorial seas, and over 10 percent from the EEZ. The majority of Atlantic, Gulf and Pacific trips fished primarily in inland waters.

### ATLANTIC

In 2013, nearly 5.8 million residents of Atlantic Coast states participated in marine recreational fishing. All participants, including visitors, took nearly 37 million trips and caught a total of nearly 218 million fish. More than 24 percent of the trips were made in east Florida, followed by more than 13 percent in North Carolina, almost 12 percent in New Jersey, over 10 percent in New York, almost 8 percent in Massachusetts, more than 7 percent in Maryland, and almost 7 percent in Virginia. Together, South Carolina, Rhode Island, and Connecticut accounted for nearly 12 percent of the trips, and Delaware, Georgia, Maine, and New Hampshire accounted for the remaining percentage. The most commonly caught non-bait species (in numbers of fish) were Atlantic croaker, spot, summer flounder, bluefish, and black sea bass. The largest harvests by weight were striped bass, bluefish, summer flounder, scup, and dolphinfish.

Over the last ten years, the total annual catch of summer flounder has fluctuated ranging from a low of almost 16 million fish (2013) to a high of 26 million fish (2005) with no clear trend. In 2013, summer flounder catch (almost 16 million fish) was

27 percent below the 10-year average of over 21 million fish. Annual catch of bluefish has varied between more than 13 million fish and more than 23 million fish over the last ten years, with an average catch of more than 17 million fish per year. Of the more than 13 million caught in 2013, 7.9 million fish (over 59%) were released alive. The species most commonly caught on Atlantic coast trips that fished primarily in federally managed waters were summer flounder, black sea bass, Atlantic cod, dolphinfish, and haddock. Over 30 percent of the total Atlantic catch came on saltwater trips that fished primarily in the state territorial seas, and 61 percent came on trips that fished primarily in inland waters.

### GULF OF MEXICO

In 2013, almost 3.4 million residents of Gulf Coast states participated in marine recreational fishing. All participants, including visitors, took more than 26 million trips and caught more than 192 million fish. More than 60 percent of the trips were made in west Florida, followed by almost 18 percent in Louisiana, nearly 11 percent in Alabama, almost 7 percent in Mississippi, and more than 4 percent in Texas. The most commonly caught non-bait species (numbers of fish) were spotted seatrout, red drum, Spanish mackerel, gray snapper, and blue runner. The largest harvests by weight were for red drum, spotted seatrout, red snapper, Spanish mackerel, striped mullet, and sheepshead.

Annual cobia catch declined to a low in 2010 but has increased in subsequent years. At 113,000 fish, 2013 cobia catch was above the 10-year mean of nearly 108,000. From 2004 to 2013, total annual catch of red drum has averaged almost 9.7 million fish. Catch has generally been stable. Of the total catch in 2013 (nearly 12 million fish), 65 percent were released alive. The species most commonly caught on Gulf of Mexico trips that fished primarily in federally managed waters were red snapper, red grouper, dolphinfish, white grunt, and yellowtail snapper. Nearly 29 percent of the total Gulf catch came on trips that fished primarily in the state territorial seas, and more than 61 percent came on trips that fished primarily in inland waters.

# U.S. Marine Recreational Fisheries

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## PACIFIC

In 2013, 1.4 million marine recreational fishing participants took nearly 5.7 million trips and caught a total of more than 15 million fish. Almost 95 percent of the trips were made in California, followed by more than 3 percent in Oregon, and nearly 2 percent in Washington. The most commonly caught non-bait species (in numbers of fish) were California lizardfish, black rockfish, rockfishes, Pacific sardine, and Pacific sanddab. By weight, the largest harvests were black rockfish, Chinook salmon, lingcod, albacore, vermilion rockfish, and rockfishes.

Annual Chinook salmon catch declined to a low in 2009 but has increased in subsequent years. At 153,000 fish, 2013 Chinook salmon catch was below the 10-year mean of more than 164,000. Over the last ten years, the total annual catch of lingcod declined to a low in 2008 but has increased in subsequent years. In 2013, lingcod catch (436,000 fish) was over 49 percent above the 10-year average of 292,000 fish. The most commonly caught Pacific coast species in federally managed waters were California scorpionfish, Pacific sanddab, vermilion rockfish, rockfishes, and squarespot rockfish. More than 71 percent of the total Pacific catch came from trips that fished primarily in the state territorial seas, and over 17 percent came from trips that fished primarily in inland waters.

## ALASKA

In 2012, 279,000 marine recreational fishing participants took nearly 473,000 trips and caught a total of 2 million fish. Commonly caught non-bait fishes included Pacific halibut, rockfishes, Pacific cod, lingcod, and the salmons: Chinook, chum, coho,

pink and sockeye. The most abundantly harvested of the salmons were coho salmon and pink salmon. Current year statistics are not available.

## HAWAII

In 2013, marine recreational participants took 1.5 million trips and caught a total of 3.9 million fish. The most commonly caught non-bait species (in numbers of fish) were yellowstripe goatfish, skipjack tuna, yellowfin tuna, Hawaiian flagtail, and bluefin trevally. By weight, the largest harvests were yellowfin tuna, skipjack tuna, dolphinfish, wahoo, blue marlin, and bluefin trevally.

## PUERTO RICO

In 2013, 128,000 marine recreational participants took over 510,000 trips and caught nearly 600,000 fish. The most commonly caught non-bait species (in numbers of fish) were false pilchard, redear sardine, silk snapper, great barracuda, and lane snapper. By weight, the largest harvests were dolphinfish, great barracuda, wahoo, false pilchard, king mackerel, and mutton snapper.

# U.S. Marine Recreational Fisheries

## U.S. RECREATIONAL HARVEST (A+B1), BY SPECIES, 2012 AND 2013

Species	2012			2013			Average (2008-2012)
	Thousand Pounds	Metric tons	Total Numbers (thousands)	Thousand Pounds	Metric tons	Total Numbers (thousands)	Thousand Pounds
<b>Anchovies **</b>							
Northern Anchovy	1	(1)	54	9	4	357	5
Other Anchovies	1	(1)	61	(1)	(1)	19	(1)
<b>Barracudas</b>							
Pacific Barracuda	218	98	50	87	39	19	213
Other Barracudas	626	285	116	662	300	115	700
Bluefish	12,038	5,459	5,640	15,706	7,127	5,739	14,177
Smallmouth Bonefish	47	21	27	92	42	23	59
<b>Cartilaginous Fishes</b>							
Skates/Rays **	115	49	52	195	86	84	366
Spiny Dogfish	6	3	1	16	8	2	11
Other Sharks **	1,236	555	178	4,593	2,081	292	2,376
<b>Catfishes</b>							
Freshwater Catfishes	1,475	669	707	1,266	572	463	1,196
Saltwater Catfishes	1,159	525	1,037	1,437	651	844	962
<b>Cods And Hakes</b>							
Atlantic Cod	1,476	668	338	1,408	639	329	2,926
Pacific Cod	1	(1)	42	1	1	(1)	1
Pacific Hake	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Pacific Tomcod	(1)	(1)	(1)	-	-	-	(1)
Pollock	1,206	547	209	1,656	748	534	1,987
Red Hake	75	33	76	127	56	146	198
Walleye Pollock	-	-	-	-	-	-	-
Other Cods/Hakes	815	368	235	968	437	302	944
<b>Damselfishes</b>							
Blackspot Sergeant	5	2	29	4	2	12	4
Other Damselfishes	(1)	(1)	27	2	1	20	1
Dolphinfishes **	11,160	5,062	1,418	9,250	4,199	1,311	10,406
<b>Drums</b>							
Atlantic Croaker	3,628	1,648	7,195	4,627	2,100	9,397	4,769
Black Drum	3,940	1,785	1,131	4,430	2,009	1,429	4,433
California Corbina	12	6	10	10	5	6	9
Kingfishes	2,815	1,275	5,984	2,972	1,346	7,124	2,666
Queenfish	9	4	66	5	2	34	9
Red Drum	13,713	6,219	3,517	20,085	9,110	4,899	15,804
Sand Seatrout	2,636	1,196	5,192	1,618	735	3,345	2,533

See notes at end of table

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# U.S. Marine Recreational Fisheries

## U.S. RECREATIONAL HARVEST (A+B1), BY SPECIES, 2012 AND 2013

Species	2012			2013			Average (2008-2012)
	Thousand Pounds	Metric tons	Total Numbers (thousands)	Thousand Pounds	Metric tons	Total Numbers (thousands)	Thousand Pounds
Silver Perch	107	48	507	32	14	146	50
Spot	1,351	614	4,756	2,666	1,209	8,235	2,027
Spotted Seatrout	18,983	8,612	15,414	15,953	7,235	13,887	17,194
Weakfish **	281	127	237	185	83	138	162
White Croaker	22	10	85	22	10	71	27
Other Drum	306	137	201	444	201	484	321
<b>Eels **</b>							
Conger Eels	3	1	7	110	49	26	29
Moray Eels	(1)	(1)	7	(1)	(1)	8	(1)
Other Eels	12	5	39	6	2	13	12
Hawaiian Flagtail	77	35	106	39	18	143	26
<b>Flounders</b>							
California Halibut **	381	172	37	225	102	24	360
Gulf Flounder	510	230	334	465	212	366	373
Rock Sole	3	(1)	2	2	(1)	1	2
Sanddabs	150	67	441	202	91	608	144
Southern Flounder	1,918	870	1,253	2,377	1,080	1,505	2,046
Starry Flounder	2	1	1	2	1	1	2
Summer Flounder	6,498	2,948	2,278	7,029	3,192	2,430	6,137
Winter Flounder	108	49	99	77	34	52	175
Other Flounders **	324	145	520	365	163	151	389
<b>Goatfishes</b>							
Manybar Goatfish	28	12	40	10	4	23	19
Whitesaddle Goatfish	12	5	11	6	3	4	9
Yellowstripe Goatfish	53	24	96	200	91	792	56
Other Goatfishes	15	6	12	10	4	54	16
<b>Greenlings</b>							
Kelp Greenling	48	21	35	52	24	37	55
Lingcod	1,209	550	228	1,614	732	246	988
Other Greenlings	22	10	14	2	1	1	6
<b>Grunts</b>							
Pigfish	304	137	877	244	110	701	249
White Grunt	1,664	755	1,832	1,892	859	2,187	1,441
Other Grunts	138	62	364	233	104	962	152

See notes at end of table

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	Thousand Pounds	Metric tons	Total Numbers (thousands)	Thousand Pounds	Metric tons	Total Numbers (thousands)	Thousand Pounds
<b>Herrings **</b>							
Pacific Herring	29	13	183	19	8	128	12
Other Herrings	3,469	1,573	23,030	2,700	1,225	32,109	2,374
<b>Jacks</b>							
Bigeye Scad	52	24	482	274	124	1,163	108
Bigeye Trevally	3	1	2	8	4	3	4
Blue Runner	709	323	1,028	1,681	761	2,962	1,017
Bluefin Trevally	204	93	60	280	127	89	261
Crevalle Jack	443	199	320	1,793	814	757	1,177
Florida Pompano	495	224	385	536	244	857	484
Giant Trevally	502	228	36	279	126	34	225
Greater Amberjack	1,885	855	95	2,348	1,065	97	2,072
Island Jack	28	13	8	20	9	9	14
Mackerel Scad	98	45	260	24	11	79	47
Whitemouth Trevally	-	-	-	-	-	-	24
Yellowtail	158	71	13	170	77	16	111
Other Jacks	848	382	1,331	875	393	1,728	658
<b>Mullets **</b>							
Striped Mullet	3,849	1,746	4,905	3,757	1,703	3,577	3,425
Other Mullets	182	82	4,187	1,391	631	6,467	415
<b>Porgies</b>							
Pinfishes	1,627	739	5,320	869	393	5,062	1,626
Red Porgy	257	117	276	479	219	536	268
Scup **	4,172	1,890	3,669	5,113	2,320	4,716	4,430
Sheepshead	5,203	2,359	2,127	4,654	2,112	1,969	5,808
Other Porgies **	345	155	322	304	137	348	225
Puffers	446	201	710	289	132	493	260
<b>Rockfishes</b>							
Black Rockfish	1,484	673	721	2,091	948	1,024	1,642
Blue Rockfish	173	77	161	286	130	271	190
Bocaccio	280	126	210	292	133	189	207
Brown Rockfish	155	70	132	180	82	138	164
Canary Rockfish	39	19	39	33	16	36	39
Chilipepper Rockfish	17	8	38	16	7	31	11

See notes at end of table

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Copper Rockfish	195	88	118	229	103	157	170
Gopher Rockfish	116	53	134	91	41	97	139
Greenspotted Rockfish	39	19	51	25	11	32	33
Olive Rockfish	70	32	68	45	20	49	49
Quillback Rockfish	38	17	14	21	9	7	26
Widow Rockfish	13	5	10	41	20	39	13
Yellowtail Rockfish	196	89	169	211	96	173	190
Other Rockfishes **	1,219	550	1,421	1,318	596	1,316	956
Sablefishes	1	(1)	18	2	1	(1)	1
Scorpionfishes	(1)	(1)	1	(1)	(1)	4	(1)
<b>Sculpins</b>							
Cabazon	147	67	34	128	57	29	130
Other Sculpins	3	(1)	14	8	2	19	4
<b>Sea Basses</b>							
Barred Sand Bass	250	113	151	141	64	65	238
Black Sea Bass	3,786	1,716	2,411	2,777	1,260	1,632	3,070
Epinephelus Groupers **	2,048	930	333	2,969	1,347	486	1,718
Groupers	5	2	10	12	5	10	9
Kelp Bass	184	84	131	105	47	55	161
Mycteroperca Groupers **	1,544	699	189	1,990	904	281	1,745
Spotted Sand Bass	23	10	22	7	3	5	17
Other Sea Basses	58	26	144	76	33	147	66
<b>Sea Chubs **</b>							
Halfmoon	27	12	27	41	19	39	27
Highfin Rudderfish	-	-	21	-	-	7	-
Opaleye	46	21	41	36	16	32	30
Other Sea Chubs	32	15	16	36	16	33	17
Searobins	110	51	122	485	218	345	159
<b>Silversides</b>							
Jacksmelt	102	46	241	108	49	249	139
Other Silversides	29	13	197	33	14	206	45
<b>Smelts **</b>							
Surf Smelt	(1)	(1)	4	(1)	(1)	(1)	22
Other Smelts	(1)	(1)	94	(1)	(1)	6	(1)

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	Thousand Pounds	Metric tons	Total Numbers (thousands)	Thousand Pounds	Metric tons	Total Numbers (thousands)	Thousand Pounds
<b>Snappers</b>							
Blacktail Snapper	4	2	31	11	5	23	6
Bluestripe Snapper	7	3	22	1	1	21	6
Gray Snapper	1,701	773	1,302	2,559	1,161	2,230	1,702
Green Jobfish	146	66	30	17	8	8	49
Lane Snapper	191	85	233	291	133	385	176
Pink Snapper	277	126	47	159	72	45	209
Red Snapper	4,511	2,045	636	9,290	4,213	1,308	4,650
Vermilion Snapper	530	241	374	957	433	839	646
Yellowtail Snapper	516	235	457	730	331	823	503
Other Snappers **	672	304	264	785	358	253	622
<b>Squirrel/Soldierfishes</b>							
Bigscale Soldierfish	-	-	8	-	-	11	8
Squirrel Fishes	5	2	6	2	(1)	37	7
Whitetail Soldierfish	-	-	3	-	-	3	-
Other Soldierfishes	-	-	1	4	2	9	2
Sturgeons	9	4	(1)	12	6	(1)	27
<b>Surfperches</b>							
Barred Surfperch	349	158	545	245	111	369	191
Black Perch	29	13	43	23	10	33	33
Pile Perch	11	5	10	7	3	9	7
Redtail Surfperch	63	29	50	45	20	40	39
Shiner Perch	5	2	73	4	2	58	7
Silver Surfperch	3	2	16	5	2	21	4
Striped Seaperch	27	13	25	38	18	34	29
Walleye Surfperch	34	15	149	31	14	144	25
White Seaperch	6	1	15	3	1	8	6
Other Surfperches	64	27	102	59	25	94	49
<b>Surgeonfishes</b>							
Convict Tang	46	21	141	30	13	111	38
Goldring Surgeonfish	14	6	136	-	-	95	9
Unicornfishes	4	2	10	-	-	5	4
Other Surgeonfishes	47	20	69	62	28	64	49

See notes at end of table

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Species	2012			2013			Average (2008-2012)
	Thousand Pounds	Metric tons	Total Numbers (thousands)	Thousand Pounds	Metric tons	Total Numbers (thousands)	Thousand Pounds
<b>Temperate Basses</b>							
Striped Bass	19,625	8,900	1,511	24,367	11,055	2,021	23,563
White Perch	949	431	1,908	1,013	460	2,582	945
Other Temperate Basses	1	(1)	(1)	(1)	(1)	(1)	(1)
Toadfishes	20	9	17	61	27	42	29
Triggerfishes/Filefishes	635	287	280	928	418	355	771
<b>Tunas And Mackerels</b>							
Albacore	1,823	828	100	3,086	1,400	116	1,730
Atlantic Mackerel	1,505	683	3,284	1,972	896	3,747	1,750
Chub Mackerel	317	144	848	242	109	577	393
Kawakawa	34	16	6	32	14	4	28
King Mackerel **	4,285	1,942	449	3,825	1,735	406	4,737
Little Tunny/Atl. Bonito **	2,577	1,170	376	2,312	1,049	330	1,861
Pacific Bonito **	1	(1)	(1)	16	7	10	68
Skipjack Tuna	1,288	586	224	3,334	1,511	440	1,997
Spanish Mackerel	3,880	1,759	2,676	5,900	2,675	4,474	4,259
Wahoo	2,223	1,009	96	1,442	654	65	1,768
Yellowfin Tuna	11,365	5,155	346	12,654	5,740	283	12,150
Other Tunas/Mackerels **	3,596	1,630	330	3,126	1,419	343	3,277
<b>Wrasses</b>							
California Sheephead	95	43	32	135	61	48	96
Cunner	23	10	24	59	25	137	29
Hawaiian Hogfish	3	1	6	5	2	4	5
Razorfishes	92	41	93	117	53	64	66
Tautog	2,249	1,020	498	2,205	1,003	551	2,650
Other Wrasses	479	217	236	412	186	199	350
Other Fishes **	6,196	2,797	3,381	8,764	3,962	5,012	6,690
<b>Grand Total</b>	<b>203,164</b>	<b>92,091</b>	<b>141,255</b>	<b>239,011</b>	<b>108,375</b>	<b>169,689</b>	<b>214,213</b>

Note: (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.

AK data not available for current year.

# U.S. Marine Recreational Fisheries

U.S. RECREATIONAL HARVEST (A+B1), BY DISTANCE FROM SHORE AND SPECIES GROUP, 2013

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)			Grand Total					
	Thousand Pounds	Metric tons	Total Number (thousands)	Thousand Pounds	Metric tons	Total Number (thousands)	Thousand Pounds	Metric tons	Total Number (thousands)	Thousand Pounds	Metric tons	Total Number (thousands)			
<b>Anchovies **</b>															
Northern Anchovy	2	1	51	7	3	305	-	-	(1)	9	4	357			
Other Anchovies	-	-	1	(1)	(1)	18	-	-	-	(1)	(1)	19			
<b>Barracudas</b>															
Pacific Barracuda	(1)	(1)	(1)	38	17	8	49	22	11	87	39	19			
Other Barracudas	153	69	44	371	168	36	138	63	35	662	300	115			
Bluefish	11,200	5,081	2,917	3,643	1,655	2,468	863	391	354	15,706	7,127	5,739			
Smallmouth Bonefish	-	-	2	92	42	21	-	-	-	92	42	23			
<b>Cartilaginous Fishes</b>															
Skates/Rays **	97	43	46	95	42	36	3	1	2	195	86	84			
Spiny Dogfish	2	1	(1)	12	6	1	1	1	(1)	16	8	2			
Other Sharks **	2,712	1,229	180	401	181	79	1,480	671	33	4,593	2,081	292			
<b>Catfishes</b>															
Freshwater Catfishes	1,266	572	462	(1)	(1)	(1)	(1)	(1)	(1)	1,266	572	463			
Saltwater Catfishes	1,061	481	488	371	168	355	5	2	1	1,437	651	844			
<b>Cods And Hakes</b>															
Atlantic Cod	37	17	6	55	25	15	1,316	597	307	1,408	639	329			
Pacific Cod	-	-	-	1	1	(1)	-	-	-	1	1	(1)			
Pacific Hake	-	-	-	-	-	(1)	(1)	(1)	(1)	(1)	(1)	(1)			
Pacific Tomcod	-	-	-	-	-	-	-	-	-	-	-	-			
Pollock	52	23	84	508	230	249	1,095	495	201	1,656	748	534			
Red Hake	7	3	7	2	1	3	118	52	136	127	56	146			
Other Cods/Hakes	21	9	7	11	4	6	937	424	288	968	437	302			
<b>Damselfishes</b>															
Blackspot Sergeant	-	-	(1)	4	2	12	-	-	-	4	2	12			
Other Damselfishes	-	-	(1)	2	1	20	-	-	-	2	1	20			
Dolphinfishes **	(1)	(1)	(1)	557	253	55	8,694	3,946	1,256	9,250	4,199	1,311			

See notes at end of table (continued)

# U.S. Marine Recreational Fisheries

U.S. RECREATIONAL HARVEST (A+B1), BY DISTANCE FROM SHORE AND SPECIES GROUP, 2013

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)			Total					
	Thousand Pounds	Metric tons	Total Number (thousands)	Thousand Pounds	Metric tons	Total Number (thousands)	Thousand Pounds	Metric tons	Total Number (thousands)	Thousand Pounds	Metric tons	Total Number (thousands)	Thousand Pounds	Metric tons	Total Number (thousands)
<b>Drums</b>															
Atlantic Croaker	4,415	2,004	8,865	193	88	505	19	8	27	4,627	2,100	9,397			
Black Drum	3,233	1,468	956	1,172	531	469	24	10	3	4,430	2,009	1,429			
California Corbina	2	1	1	8	4	5	-	-	-	10	5	6			
Kingfishes	1,279	579	2,988	1,692	767	4,133	2	(1)	3	2,972	1,346	7,124			
Queenfish	(1)	(1)	1	5	2	33	-	-	-	5	2	34			
Red Drum	18,083	8,202	4,490	1,871	848	393	131	60	15	20,085	9,110	4,899			
Sand Seatrout	1,427	648	3,060	179	81	265	12	6	20	1,618	735	3,345			
Silver Perch	18	7	90	14	7	57	-	-	-	32	14	146			
Spot	1,560	707	4,582	1,105	502	3,652	1	(1)	2	2,666	1,209	8,235			
Spotted Seatrout	14,066	6,379	12,621	1,756	796	1,177	131	60	90	15,953	7,235	13,887			
Weakfish **	137	61	101	47	22	35	1	(1)	2	185	83	138			
White Croaker	7	4	16	15	6	54	(1)	(1)	1	22	10	71			
Other Drum	122	56	247	321	145	236	1	(1)	1	444	201	484			
<b>Eels **</b>															
Conger Eels	1	(1)	(1)	99	45	24	10	4	2	110	49	26			
Moray Eels	(1)	(1)	(1)	(1)	(1)	8	(1)	(1)	(1)	(1)	(1)	8			
Other Eels	4	1	11	2	1	2	(1)	(1)	(1)	6	2	13			
Hawaiian Flagtail	-	-	18	39	18	125	-	-	-	39	18	143			
<b>Flounders</b>															
California Halibut **	100	46	13	122	55	11	3	1	(1)	225	102	24			
Gulf Flounder	254	116	203	187	85	150	24	11	12	465	212	366			
Rock Sole	-	-	-	1	(1)	1	(1)	(1)	(1)	2	(1)	1			
Sanddabs	(1)	(1)	1	92	41	293	110	50	314	202	91	608			
Southern Flounder	2,186	992	1,410	162	74	86	29	14	9	2,377	1,080	1,505			
Starry Flounder	(1)	(1)	(1)	2	1	1	(1)	(1)	(1)	2	1	1			
Summer Flounder	3,301	1,498	1,224	2,132	968	636	1,597	726	571	7,029	3,192	2,430			
Winter Flounder	48	22	33	28	12	19	(1)	(1)	(1)	77	34	52			
Other Flounders **	1	(1)	53	314	140	59	50	23	39	365	163	151			

(continued)  
See notes at end of table

# U.S. Marine Recreational Fisheries

U.S. RECREATIONAL HARVEST (A+B1), BY DISTANCE FROM SHORE AND SPECIES GROUP, 2013

Species	Distance from U.S. shores											
	Inland			0 to 3 miles (2,3) (State Territorial Sea)			3 to 200 miles (Exclusive Economic Zone)			Grand Total		
	Thousand Pounds	Metric tons	Total Number (thousands)	Thousand Pounds	Metric tons	Total Number (thousands)	Thousand Pounds	Metric tons	Total Number (thousands)	Thousand Pounds	Metric tons	Total Number (thousands)
<b>Goatfishes</b>												
Manybar Goatfish	-	-	-	10	4	23	-	-	(1)	10	4	23
Whitesaddle Goatfish	-	-	-	6	3	4	-	-	-	6	3	4
Yellowstripe Goatfish	-	-	15	200	91	777	-	-	-	200	91	792
Other Goatfishes	-	-	3	8	3	49	2	1	2	10	4	54
<b>Greenlings</b>												
Kelp Greenling	2	1	1	50	23	36	(1)	(1)	(1)	52	24	37
Lingcod	1	(1)	(1)	1,549	703	235	64	29	11	1,614	732	246
Other Greenlings	(1)	(1)	(1)	2	1	1	-	-	(1)	2	1	1
<b>Grunts</b>												
Pigfish	193	88	542	42	18	134	8	4	25	244	110	701
White Grunt	253	115	326	724	329	888	915	415	973	1,892	859	2,187
Other Grunts	109	49	227	76	34	638	48	21	97	233	104	962
<b>Herrings**</b>												
Pacific Herring	18	8	120	1	(1)	8	-	-	-	19	8	128
Other Herrings	1,500	679	22,291	1,033	470	8,148	167	76	1,670	2,700	1,225	32,109
<b>Jacks</b>												
Bigeye Scad	7	3	58	267	121	1,104	-	-	1	274	124	1,163
Bigeye Trevally	-	-	-	8	4	3	-	-	-	8	4	3
Blue Runner	90	41	116	1,374	623	2,447	217	97	399	1,681	761	2,962
Bluefin Trevally	17	8	9	261	118	80	2	1	(1)	280	127	89
Crevalle Jack	685	312	248	1,097	497	503	11	5	6	1,793	814	757
Florida Pompano	50	23	31	483	220	825	3	1	2	536	244	857
Giant Trevally	12	5	1	263	119	32	4	2	(1)	279	126	34
Greater Amberjack	-	-	-	183	83	11	2,165	982	86	2,348	1,065	97
Island Jack	2	1	1	18	8	6	-	-	3	20	9	9
Mackerel Scad	-	-	-	24	11	45	1	(1)	34	24	11	79
Whitemouth Trevally	-	-	-	-	-	-	-	-	-	-	-	-
Yellowtail	-	-	-	62	28	5	108	49	11	170	77	16
Other Jacks	58	26	190	443	200	1,313	375	167	225	875	393	1,728

See notes at end of table (continued)





# U.S. Marine Recreational Fisheries

U.S. RECREATIONAL HARVEST (A+B1), BY DISTANCE FROM SHORE AND SPECIES GROUP, 2013

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 Number (thousands)
	Thousand Pounds	Metric tons	Total Number (thousands)	Thousand Pounds	Metric tons	Total Number (thousands)	Thousand Pounds	Metric tons	Total Number (thousands)	Thousand Pounds			
Pink Snapper	-	-	-	136	61	32	24	11	14	159	72	45	
Red Snapper	97	44	33	1,520	689	345	7,673	3,480	930	9,290	4,213	1,308	
Vermilion Snapper	6	2	5	184	83	158	768	348	676	957	433	839	
Yellowtail Snapper	2	1	4	194	88	230	533	242	590	730	331	823	
Other Snappers**	22	11	12	387	177	139	376	170	103	785	358	253	
<b>Squirrel/Soldierfishes</b>													
Bigscale Soldierfish	-	-	-	-	-	11	-	-	-	-	-	11	
Squirrel Fishes	(1)	(1)	(1)	1	(1)	36	1	(1)	1	2	(1)	37	
Whitip Soldierfish	-	-	-	-	-	3	-	-	-	-	-	3	
Other Soldierfishes	-	-	-	4	2	9	-	-	1	4	2	9	
Sturgeons	12	6	(1)	-	-	-	-	-	-	12	6	(1)	
<b>Surfperches</b>													
Barred Surfperch	5	3	11	240	108	358	(1)	(1)	(1)	245	111	369	
Black Perch	5	2	8	18	8	25	(1)	(1)	1	23	10	33	
Pile Perch	1	(1)	1	6	3	8	(1)	(1)	(1)	7	3	9	
Redtail Surfperch	1	(1)	(1)	45	20	39	-	-	-	45	20	40	
Shiner Perch	2	1	26	2	1	32	-	-	-	4	2	58	
Silver Surfperch	(1)	(1)	2	5	2	19	(1)	(1)	(1)	5	2	21	
Striped Seaperch	3	1	3	35	17	31	(1)	(1)	(1)	38	18	34	
Walleye Surfperch	2	1	6	30	13	138	-	-	-	31	14	144	
White Seaperch	(1)	(1)	1	2	1	6	(1)	(1)	1	3	1	8	
Other Surfperches	5	2	10	52	23	81	2	(1)	3	59	25	94	
<b>Surgeonfishes</b>													
Convict Tang	3	1	9	27	12	102	-	-	-	30	13	111	
Goldring Surgeonfish	-	-	-	-	-	95	-	-	-	-	-	95	
Unicornfishes	-	-	-	-	-	5	-	-	-	-	-	5	
Other Surgeonfishes	-	-	8	62	28	56	-	-	-	62	28	64	
<b>Temperate Bases</b>													
Striped Bass	14,839	6,732	1,388	7,815	3,544	512	1,714	779	122	24,367	11,055	2,021	
White Perch	1,012	460	2,579	1	(1)	3	-	-	-	1,013	460	2,582	
Other Temperate Bases	(1)	(1)	(1)	-	-	-	-	-	-	(1)	(1)	(1)	

See notes at end of table (continued)

# U.S. Marine Recreational Fisheries

## U.S. RECREATIONAL HARVEST (A+B1), BY DISTANCE FROM SHORE AND SPECIES GROUP, 2013

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)			Grand Total					
	Thousand Pounds	Metric tons	Total Number (thousands)	Thousand Pounds	Metric tons	Total Number (thousands)	Thousand Pounds	Metric tons	Total Number (thousands)	Thousand Pounds	Metric tons	Total Number (thousands)			
Toadfishes	60	27	42	1	(1)	1	(1)	(1)	(1)	61	27	42			
Trigerfishes/Fliefishes	38	17	15	206	92	94	683	309	246	928	418	355			
<b>Tunas And Mackerels</b>															
Albacore	30	13	1	461	209	22	2,596	1,178	93	3,086	1,400	116			
Atlantic Mackerel	229	105	500	1,546	702	2,958	196	89	289	1,972	896	3,747			
Chub Mackerel	66	30	171	153	69	371	23	10	35	242	109	577			
Kawakawa	-	-	-	-	-	1	32	14	4	32	14	4			
King Mackerel **	44	20	4	1,588	720	181	2,192	995	220	3,825	1,735	406			
Little Tunny/Atlantic Bonito **	89	41	11	911	413	131	1,312	595	187	2,312	1,049	330			
Pacific Bonito **	(1)	(1)	(1)	9	4	6	6	3	4	16	7	10			
Skipjack Tuna	-	-	-	26	12	5	3,307	1,499	434	3,334	1,511	440			
Spanish Mackerel	1,342	608	975	4,336	1,966	3,367	223	101	132	5,900	2,675	4,474			
Wahoo	-	-	-	349	158	16	1,093	496	49	1,442	654	65			
Yellowfin Tuna	-	-	-	110	50	5	12,544	5,690	278	12,654	5,740	283			
Other Tunas/Mackerels **	42	19	15	406	185	69	2,678	1,215	260	3,126	1,419	343			
<b>Wrasses</b>															
California Sheephead	1	(1)	(1)	109	49	38	26	12	10	135	61	48			
Cunner	35	15	76	2	(1)	5	22	10	56	59	25	137			
Hawaiian Hogfish	-	-	-	5	2	4	-	-	-	5	2	4			
Razorfishes	-	-	-	116	53	63	(1)	(1)	1	117	53	64			
Tautog	1,312	597	321	649	295	167	244	111	63	2,205	1,003	551			
Other Wrasses	(1)	(1)	(1)	199	89	105	213	97	94	412	186	199			
Other Fishes **	3,414	1,545	2,093	2,917	1,320	1,950	2,432	1,097	968	8,764	3,962	5,012			
<b>Grand Total</b>	<b>107,445</b>	<b>48,726</b>	<b>96,780</b>	<b>62,185</b>	<b>28,188</b>	<b>55,531</b>	<b>69,381</b>	<b>31,461</b>	<b>17,379</b>	<b>239,011</b>	<b>108,375</b>	<b>169,689</b>			

Note: (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.

AK data not available for current year.

# U.S. Marine Recreational Fisheries

## U.S. RECREATIONAL HARVEST (A+B1) AND TOTAL LIVE RELEASES (B2), BY SPECIES GROUP, 2004-2013

Year	Barracudas			Bluefish		
	Pounds Harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)	Pounds Harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)
2004	2,161	406	628	17,805	7,529	12,662
2005	1,278	196	307	20,148	8,200	13,037
2006	1,177	177	275	17,029	7,284	13,633
2007	1,618	270	464	22,064	8,619	16,123
2008	1,322	208	456	20,107	6,845	14,001
2009	1,395	198	386	14,791	5,388	9,077
2010	874	149	319	16,630	6,244	10,488
2011	703	123	213	11,720	5,217	9,989
2012	844	166	283	12,038	5,640	9,121
2013	749	133	302	15,706	5,739	9,257
Year	Cartilaginous Fishes			Catfishes		
	Pounds Harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)	Pounds Harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)
2004	3,144	376	11,988	1,404	998	13,349
2005	3,613	429	14,266	1,260	780	13,343
2006	5,383	423	13,471	1,437	781	12,485
2007	4,866	496	12,816	2,232	1,095	12,516
2008	2,634	330	12,363	1,640	890	12,556
2009	4,131	308	11,295	1,277	672	10,487
2010	2,210	289	9,587	1,899	980	15,229
2011	1,263	280	8,465	2,276	1,065	13,939
2012	1,357	231	9,229	2,634	1,744	13,729
2013	4,804	377	11,478	2,704	1,307	17,020
Year	Cods And Hakes			Dolphinfishes		
	Pounds Harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)	Pounds Harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)
2004	5,360	924	1,124	14,658	1,733	182
2005	8,022	1,375	1,725	13,704	1,606	360
2006	4,558	956	1,088	15,903	1,736	332
2007	5,502	1,045	1,286	15,205	1,603	641
2008	6,987	1,238	1,480	14,171	1,704	500
2009	6,326	1,144	1,164	12,290	1,302	166
2010	7,897	1,333	1,551	9,900	1,241	242
2011	8,325	1,453	1,452	9,431	1,412	467
2012	3,573	858	1,143	11,160	1,418	225
2013	4,161	1,311	1,982	9,250	1,311	1,542

See notes at end of table

(continued)

# U.S. Marine Recreational Fisheries

## U.S. RECREATIONAL HARVEST (A+B1) AND TOTAL LIVE RELEASES (B2), BY SPECIES GROUP, 2004-2013

Year	Drums			Flounders		
	Pounds Harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)	Pounds Harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)
2004	54,347	49,377	59,799	15,467	7,004	18,840
2005	50,075	47,801	69,757	14,411	6,230	24,102
2006	54,901	51,843	65,700	14,134	5,910	19,897
2007	53,890	54,438	65,709	12,745	5,101	19,970
2008	60,137	57,355	75,230	11,572	4,219	23,444
2009	50,621	45,895	60,499	9,304	3,688	24,870
2010	45,760	41,094	56,375	8,815	3,726	25,594
2011	52,785	47,068	60,926	9,382	4,370	22,414
2012	47,803	44,294	69,982	9,894	4,576	17,411
2013	53,047	49,196	72,684	10,743	5,139	16,433
Year	Greenlings			Grunts		
	Pounds Harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)	Pounds Harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)
2004	730	126	288	2,979	4,148	7,272
2005	1,319	196	231	2,207	3,441	4,911
2006	1,133	160	156	1,256	1,918	2,893
2007	755	123	98	1,400	2,791	4,898
2008	555	102	84	1,940	3,499	6,145
2009	624	118	121	1,617	2,750	4,411
2010	626	130	145	1,366	2,068	3,809
2011	1,048	214	243	1,751	2,608	4,634
2012	1,279	244	245	2,106	3,072	5,096
2013	1,668	284	212	2,369	3,850	6,928
Year	Herrings			Jacks		
	Pounds Harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)	Pounds Harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)
2004	2,179	56,810	13,136	10,253	6,471	8,634
2005	1,493	29,971	3,479	5,904	4,594	6,018
2006	4,824	57,849	8,046	9,272	6,379	7,187
2007	2,743	39,952	5,291	6,197	6,172	6,888
2008	3,111	50,994	2,767	7,312	5,035	7,264
2009	2,724	50,979	6,761	8,148	5,494	5,454
2010	1,621	27,649	3,992	5,272	3,313	5,009
2011	1,365	21,228	4,956	3,721	3,503	4,983
2012	3,498	23,213	8,789	5,425	4,020	6,349
2013	2,720	32,237	4,591	8,288	7,795	11,837

See notes at end of table

(continued)

# U.S. Marine Recreational Fisheries

## U.S. RECREATIONAL HARVEST (A+B1) AND TOTAL LIVE RELEASES (B2), BY SPECIES GROUP, 2004-2013

Year	Mullets			Porgies		
	Pounds Harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)	Pounds Harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)
2004	3,213	10,521	3,065	18,724	19,473	21,347
2005	2,630	6,788	1,670	11,401	12,591	15,225
2006	2,817	7,963	2,499	9,141	11,596	16,631
2007	2,663	8,656	2,818	11,917	14,167	16,947
2008	3,745	9,764	1,579	13,314	15,864	22,732
2009	2,382	5,834	1,795	10,025	11,990	15,717
2010	3,724	6,849	3,011	13,756	13,210	19,549
2011	3,914	8,420	2,935	14,975	11,070	16,739
2012	4,031	9,092	2,668	11,604	11,714	24,113
2013	5,148	10,044	1,847	11,420	12,632	19,508
Year	Puffers			Rockfishes		
	Pounds Harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)	Pounds Harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)
2004	63	115	1,244	3,903	2,176	606
2005	83	328	914	4,746	3,151	812
2006	36	87	1,064	3,932	2,253	741
2007	35	73	1,634	3,510	2,061	371
2008	54	161	1,899	2,748	1,703	322
2009	49	99	1,407	3,353	1,950	372
2010	137	253	1,067	3,264	2,029	407
2011	377	1,196	1,382	3,617	2,644	539
2012	446	710	2,259	4,034	3,057	658
2013	289	493	1,260	4,878	3,561	764
Year	Sculpins			Sea Basses		
	Pounds Harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)	Pounds Harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)
2004	145	50	150	15,859	6,123	20,556
2005	173	46	116	11,023	4,575	16,562
2006	120	33	103	9,218	3,663	15,911
2007	97	29	90	8,867	3,594	19,749
2008	95	47	107	9,566	3,311	24,131
2009	123	37	78	7,662	3,208	18,251
2010	113	30	112	7,371	3,654	17,247
2011	150	73	159	4,113	2,320	12,738
2012	150	48	128	7,898	3,391	20,907
2013	136	47	232	8,075	2,680	17,899

See notes at end of table

(continued)

# U.S. Marine Recreational Fisheries

## U.S. RECREATIONAL HARVEST (A+B1) AND TOTAL LIVE RELEASES (B2), BY SPECIES GROUP, 2004-2013

Year	Sea Chubs			Searobins		
	Pounds Harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)	Pounds Harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)
2004	89	147	41	205	269	3,877
2005	90	140	59	108	167	3,884
2006	64	154	60	48	116	4,781
2007	62	86	55	91	169	5,511
2008	60	137	30	75	286	6,554
2009	50	111	42	67	119	5,254
2010	38	96	82	48	89	4,362
2011	59	47	11	83	111	2,479
2012	105	105	48	110	122	6,784
2013	113	111	13	485	345	7,224
Year	Silversides			Smelts		
	Pounds Harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)	Pounds Harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)
2004	233	1,186	891	(1)	2	5
2005	245	894	446	5	128	(1)
2006	344	1,184	673	2	21	1
2007	157	636	385	(1)	61	(1)
2008	343	887	491	1	9	(1)
2009	333	883	373	1	6	(1)
2010	157	495	207	(1)	3	(1)
2011	159	441	193	111	1,279	39
2012	131	437	272	1	38	9
2013	141	456	289	(1)	7	2
Year	Snappers			Surfperches		
	Pounds Harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)	Pounds Harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)
2004	10,589	5,227	10,000	473	1,037	1,412
2005	7,962	4,191	9,898	295	704	1,073
2006	8,218	4,363	9,256	443	862	1,568
2007	9,892	5,513	12,919	324	623	690
2008	9,019	5,157	13,057	382	686	553
2009	8,173	4,240	9,115	232	536	510
2010	4,681	2,527	4,951	151	463	217
2011	6,611	2,581	5,259	524	824	714
2012	8,554	3,395	7,574	590	1,028	984
2013	14,801	5,936	13,406	461	809	819

See notes at end of table

(continued)

# U.S. Marine Recreational Fisheries

## U.S. RECREATIONAL HARVEST (A+B1) AND TOTAL LIVE RELEASES (B2), BY SPECIES GROUP, 2004-2013

Year	Temperate Basses			Toadfishes		
	Pounds Harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)	Pounds Harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)
2004	31,244	4,516	22,011	16	12	1,541
2005	31,647	5,100	24,799	28	32	1,677
2006	32,575	5,852	28,153	(1)	5	1,614
2007	28,788	5,913	22,779	70	46	1,677
2008	33,110	6,027	17,895	17	18	2,005
2009	23,555	2,841	9,675	10	11	1,243
2010	24,494	4,965	10,070	47	34	1,174
2011	28,540	4,433	9,410	7	7	1,389
2012	20,575	3,419	10,835	20	17	1,696
2013	25,381	4,603	15,374	61	42	1,506
Year	Triggerfishes/Filefishes			Tunas And Mackerels		
	Pounds Harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)	Pounds Harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)
2004	1,402	724	468	40,929	9,589	6,479
2005	864	469	286	34,604	8,945	4,485
2006	705	360	254	40,721	12,024	7,089
2007	971	484	533	47,230	8,528	5,466
2008	918	409	300	43,952	11,197	5,541
2009	870	386	405	42,211	8,790	4,484
2010	720	274	369	30,800	9,044	4,929
2011	705	272	288	26,256	10,261	4,353
2012	635	280	316	32,893	8,735	3,859
2013	928	355	557	37,940	10,796	6,334
Year	Wrasses					
	Pounds Harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)			
2004	3,549	1,359	2,316			
2005	2,970	1,044	2,113			
2006	4,241	1,350	2,886			
2007	5,446	1,694	4,118			
2008	4,223	1,472	2,969			
2009	3,800	1,210	2,574			
2010	4,409	1,426	3,182			
2011	1,822	605	2,294			
2012	2,940	890	2,383			
2013	2,932	1,003	2,640			

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

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

AK data not available for current year.

# U.S. Marine Recreational Fisheries

## U.S. RECREATIONAL FINFISH HARVEST (A+B1) AND RELEASED (B2), BY STATE, 2012 and 2013

State	2012		
	Pounds Harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)
California	9,560	8,190	4,894
Oregon	2,753	457	97
Washington	957	304	48
Connecticut	5,789	1,934	4,391
Maine	970	1,150	751
Massachusetts	13,153	4,655	6,754
New Hampshire	1,524	1,413	749
Rhode Island	3,073	1,954	3,253
Delaware	1,050	495	2,059
Maryland	4,004	4,052	11,904
New Jersey	13,695	6,033	23,749
New York	13,923	3,593	15,138
Virginia	7,544	7,851	13,695
Florida	48,030	49,957	83,052
Georgia	1,393	1,338	3,559
North Carolina	12,060	8,473	18,536
South Carolina	3,950	4,347	7,090
Alabama	9,550	6,409	13,555
Louisiana	28,770	15,293	20,033
Mississippi	5,852	6,655	5,878
Hawaii	14,320	2,763	294
Texas	-	2,257	-
Alaska	-	1,203	814
Puerto Rico	1,246	478	49
<b>Grand Total</b>	<b>203,164</b>	<b>141,255</b>	<b>240,341</b>
State	2013		
	Pounds Harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)
California	9,388	8,130	6,385
Oregon	2,467	492	118
Washington	1,036	314	43
Connecticut	9,480	2,679	6,145
Maine	1,461	991	951
Massachusetts	12,189	6,037	6,595
New Hampshire	1,735	1,069	773
Rhode Island	7,254	1,816	3,838
Delaware	1,110	864	2,765
Maryland	6,026	5,226	17,422
New Jersey	16,382	5,372	17,769
New York	15,596	3,811	14,726
Virginia	6,793	10,432	12,434
Florida	58,484	69,129	92,854
Georgia	1,215	1,399	2,229
North Carolina	11,969	11,480	20,964
South Carolina	2,284	4,796	9,629
Alabama	16,440	8,676	12,157
Louisiana	32,906	16,524	26,750
Mississippi	8,045	4,289	5,769
Hawaii	16,121	3,656	288
Texas	-	2,009	-
Alaska	-	-	-
Puerto Rico	631	497	102
<b>Grand Total</b>	<b>239,011</b>	<b>169,689</b>	<b>260,707</b>

Note: TX only estimates harvest (no weight or release data) and includes only private and for-hire fisheries.  
 OR and WA Estimates include only private and for-hire fisheries.  
 AK data not available for current year.

# U.S. Marine Recreational Fisheries

## U.S. RECREATIONAL NUMBERS OF ANGLERS AND TRIPS BY STATES, 2012 AND 2013

State	2012			
	Out-of-State Anglers	In-State Anglers		Number of Angler Trips
		From Coastal Counties	From Non-Coastal Counties	
----- Numbers in thousands -----				
California	-	-	-	5,436
Oregon	-	-	-	173
Washington	-	-	-	113
Connecticut	67	397	-	1,326
Maine	126	116	6	637
Massachusetts	309	502	130	2,825
New Hampshire	54	58	9	299
Rhode Island	169	99	-	1,077
Delaware	151	111	-	875
Maryland	258	374	40	2,249
New Jersey	431	662	27	5,020
New York	53	533	30	3,766
Virginia	193	412	78	2,522
Florida	2,655	2,899	-	24,171
Georgia	74	134	96	892
North Carolina	764	614	283	5,303
South Carolina	406	207	123	2,206
Alabama	339	254	131	2,305
Louisiana	165	651	77	4,137
Mississippi	91	179	60	1,950
Hawaii	-	-	-	1,519
Texas	-	-	-	1,159
Alaska	-	115	-	473
Puerto Rico	10	84	-	351
<b>Grand Total</b>				<b>70,784</b>
State	2013			
	Out-of-State Anglers	In-State Anglers		Number of Angler Trips
		From Coastal Counties	From Non-Coastal Counties	
----- Numbers in thousands -----				
California	-	-	-	5,375
Oregon	-	-	-	196
Washington	-	-	-	109
Connecticut	42	195	-	1,199
Maine	125	102	4	593
Massachusetts	253	536	73	2,845
New Hampshire	54	63	17	304
Rhode Island	250	127	-	1,218
Delaware	96	81	-	755
Maryland	327	404	36	2,732
New Jersey	315	574	18	4,277
New York	82	576	8	3,790
Virginia	267	420	74	2,484
Florida	3,078	3,076	-	24,930
Georgia	53	99	72	690
North Carolina	601	564	240	4,968
South Carolina	607	166	84	1,977
Alabama	549	279	224	2,862
Louisiana	262	709	109	4,661
Mississippi	101	171	67	1,761
Hawaii	-	-	-	1,513
Texas	-	-	-	1,150
Alaska	-	-	-	-
Puerto Rico	6	122	-	510
<b>Grand Total</b>				<b>70,900</b>

Note: All counties in HI, PR, RI, CT, DE, and FL are considered coastal. AK estimates are presented as coastal. TX, CA, OR, and WA angler data not available. AK data not available for current year. Out-of-state angler estimates are not additive across states.