

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 of 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 makes up only about 8 percent of the total U.S. harvest of finfish for states covered by this program, it is important to monitor the fishing activities of millions of anglers. Marine recreational fishing significantly impacts the stocks of many finfish species, and recreational catches surpass commercial landings of some species (see pages 20-21).

METHODS

On the Atlantic and Gulf coasts of the United States, the marine recreational fisheries statistics program consists of a coastal household telephone survey (CHTS); a telephone survey of for-hire fishing vessel operators (FHS; charter and party boats); and an access-point angler-intercept survey of completed angler fishing trips (APAIS). Additional information is obtained from state or regional logbook programs and supplements 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 species composition of catches, catch rates by species, lengths and weights of landed fish, the proportion of fishing trips by residents of non-coastal counties, and angler avidity. 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 or used for bait, or filleted fish. Catch estimates are stratified by sub-region, state, and wave (bimonthly sampling period). Estimates are 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 surveys use 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 boats on the Atlantic and Gulf Coasts, for-hire fishing vessels are not designated by type in California or Puget Sound. The FHS 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 include only charter boats.

In Oregon and Washington, ocean boat 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 2015, the Marine Recreational Information Program (MRIP) conducted by the NMFS included the Atlantic coast (ME-East FL), Gulf coast (MS-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). Care is advised when comparing catch estimates across an extended time series because of differences in sampling coverage through the years.

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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 include charter boats in the for-hire sector only. Since 2014, marine recreational fishing in Louisiana has been monitored by the Louisiana Department of Wildlife and Fisheries; prior years were surveyed by the NMFS survey program. 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, ocean boat trips and salmon trips on the Pacific coast 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 are 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, and 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 5 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 about 0.1 to 1.3 percent of coastal households reported fishing in Jan/Feb in these Mid-Atlantic states, compared to the average fishing household rates of 1.25 to 4.5 percent 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.

Periods when the marine recreational statistics program has not been conducted include:

- 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 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 since 2011. The method also produces unbiased adjustment factors for out-of-frame anglers who are not covered by the CHTS, resulting in improved effort estimates. The resulting catch estimates are therefore unbiased estimates for finfish catch, including descriptors such as average weight of landed fish and length frequencies of landed fish. This new technique has also been applied to the previously collected intercept data from 2004 to 2010 to produce revised, unbiased effort and catch estimates. The data tables produced in this volume prior to 2012 are the products of this new estimation method.

DATA TABLES

The estimated harvests (numbers and weight of fish) for the continental U.S., Alaska, Hawaii, and Puerto Rico are presented. Harvest by weight data are not available for Texas and Alaska or for Louisiana after 2013. Numbers of fish harvested and released alive are presented for many important species groups. Estimated harvests are presented by sub-region 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

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outer edge of the state territorial seas to 200 miles from shore). The total numbers of estimated trips and participants are presented by state.

2015 MARINE RECREATIONAL FISHING DATA

The 2015 national estimate of marine recreational anglers of 8.9 million anglers was derived from two sources: 1) an estimate based on a peer-reviewed method for the Atlantic and Gulf coasts, from Maine to Mississippi, and 2) estimates of the number of anglers for California, Oregon and Washington (since 2003) and Louisiana (since 2014) based on historical rates of participation in recreational saltwater fishing. Hawaii and Puerto Rico lack historical data adequate to estimate and are not included. NOAA fisheries has a growing concern and lack of confidence in that second portion of the total estimate that depends on using historical participation rates to provide current estimates, especially over a long time frame. NOAA Fisheries will continue to provide that portion of the national estimate described in 1) above, and will work with its state partners to explore ways to improve annual estimates of marine recreational angler participation rather than continuing to use the source described in 2) above.

These 8.9 million marine recreational anglers made nearly 61 million marine recreational fishing trips in the continental United States, Hawaii, and Puerto Rico. Alaska data are not available for the current year. The estimated total marine recreational catch was more than 351 million fish, of which 57 percent were released alive. The estimated total weight of harvested catch was 188 million pounds. The Atlantic Coast accounted for the majority of trips (nearly 56 percent) and catch (almost 54 percent). The Gulf Coast accounted for 34 percent of trips and almost 41 percent of the catch, while the Pacific Coast accounted for almost 7 percent of trips and 4 percent of the catch. Nationally, most of the recreational catch came from inland waters (55 percent in numbers of fish), with 33 percent from state territorial seas and almost 10 percent from the EEZ. The majority of Atlantic, Gulf, and Pacific trips fished primarily in inland waters.

ATLANTIC

In 2015, over 5.2 million residents of Atlantic Coast states participated in marine recreational fishing.

All participants, including visitors, took 34 million trips and caught a total of more than 188 million fish. More than 25 percent of the trips were made in East Florida, followed by almost 14 percent in North Carolina, almost 13 percent in New Jersey, almost 10 percent in New York, nearly 8 percent in South Carolina, nearly 7 percent in Maryland, and more than 6 percent in Massachusetts. Together, Virginia, Connecticut, and Rhode Island accounted for almost 13 percent of the trips; Georgia, Delaware, Maine, and New Hampshire accounted for the remaining percentages. The most commonly caught non-bait species (in numbers of fish) were Atlantic croaker, black sea bass, summer flounder, bluefish, and striped bass. The largest harvests by weight were striped bass, bluefish, dolphinfish, summer flounder, and scup.

From 2006 to 2015, total annual catch of Atlantic croaker averaged almost 19 million fish. Catch decreased overall from 21 million fish in 2006 to more than 13 million fish in 2015. More than 57 percent of the total catch in 2015 (over 13 million fish) were released alive. Annual black sea bass catch increased overall from almost 11 million fish (2006) to nearly 13 million fish (2015). At 12.9 million fish, 2015 black sea bass catch was just above the 10-year mean of 12.7 million. The species most commonly caught on Atlantic Coast trips that fished primarily in federally managed waters were black sea bass, summer flounder, dolphinfish, Atlantic mackerel, and haddock. More than 29 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 2015, nearly 2.7 million residents of Gulf Coast states (not including Louisiana) participated in marine recreational fishing. All participants, including visitors, took nearly 21 million trips and caught almost 143 million fish. Almost 65 percent of the trips were made in West Florida, followed by almost 12 percent in Louisiana, 11 percent in Alabama, more than 7 percent in Mississippi, and 5 percent in Texas. The most commonly caught non-bait species (numbers of fish) were spotted seatrout, gray snapper, red drum, blue runner, and sand seatrout. The largest harvests by weight were for spotted seatrout, red drum, red snapper, king mackerel, sheepshead, and dolphinfish.

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From 2006 to 2015, total annual catch of red snapper has averaged nearly 2.9 million fish. Catch decreased overall from 3.9 million fish in 2006 to almost 2.4 million fish in 2015. Of the total catch in 2015 (almost 2.4 million fish), almost 66 percent were released alive. Annual catch of spotted seatrout has varied between nearly 15 million fish and 36 million fish over the last 10 years, with an average catch of 29 million fish per year. Of the nearly 17 million spotted seatrout caught in 2015, almost 9.1 million fish (almost 54%) 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, white grunt, dolphinfish, and yellowtail snapper. About 33 percent of the total Gulf catch came on trips that fished primarily in the state territorial seas, and almost 53 percent came on trips that fished primarily in inland waters.

PACIFIC

In 2015, marine recreational anglers took 4 million trips and caught a total of over 14 million fish. Almost 92 percent of the trips were made in California, followed by 5 percent in Oregon and more than 3 percent in Washington. The most commonly caught non-bait species (in numbers of fish) were barred surfperch, black rockfish, kelp bass, lingcod, and blue rockfish. By weight, the largest harvests were lingcod, black rockfish, yellowfin tuna, albacore, yellowtail, and vermilion rockfish.

Annual California halibut catch declined to a low in 2011 but has since increased. At 117,000 fish, California halibut catch in 2015 was below the 10-year mean of nearly 210,000. Annual catch of Chinook salmon has varied between 12,000 fish and 180,000 fish over the last 10 years, with an average catch of nearly 108,000 fish per year. Of the 12,000 Chinook salmon caught in 2015, almost 17 percent (2,000 fish) were released alive. The most commonly caught Pacific coast species in federally managed waters were California scorpionfish, vermilion rockfish, yellowfin tuna, squarespot rockfish, and yellowtail. Nearly 71 percent of the total Pacific catch came from trips that fished primarily in the state territorial seas, and 12 percent came from trips that fished primarily in inland waters.

ALASKA

In 2014, 301,000 marine recreational anglers took more than 583,000 trips and caught a total of nearly 2.3 million fish. Commonly caught non-bait fishes included Pacific halibut, rockfishes, Pacific cod, lingcod, and the salmon: Chinook, chum, coho, pink, and sockeye. The most abundantly harvested of the salmon were coho salmon and Chinook salmon. Current year statistics are not available.

HAWAII

In 2015, marine recreational anglers took 1.4 million trips and caught a total of nearly 5.2 million fish. The most commonly caught non-bait species (in numbers of fish) were yellowstripe goatfish, bluefin trevally, yellowfin tuna, skipjack tuna, and yellowfin goatfish. By weight, the largest harvests were yellowfin tuna, skipjack tuna, dolphinfish, wahoo, giant trevally, and yellowfin goatfish.

PUERTO RICO

In 2015, marine recreational anglers took almost 668,000 trips and caught a total of 953,000 fish. The most commonly caught non-bait species (in numbers of fish) were great barracuda, tilapia genus, blue runner, dolphinfish, and yellowtail snapper. By weight, the largest harvests were dolphinfish, wahoo, great barracuda, mutton snapper, blue runner, and crevalle jack.

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U.S. RECREATIONAL HARVEST, BY SPECIES, 2014 AND 2015

Species	2014(2)			2015 (2,3,4)			Average (2010-2014)
	Thousand pounds	Metric tons	Total numbers (thousands)	Thousand pounds	Metric tons	Total numbers (thousands)	Thousand pounds
Anchovies **							
Northern Anchovy	7	2	179	4	2	126	6
Other Anchovies	(1)	(1)	84	(1)	(1)	133	(1)
Barracudas							
Pacific Barracuda	120	54	28	96	44	22	149
Other Barracudas	879	399	189	1,091	496	191	748
Bluefish	10,831	4,911	6,094	11,792	5,346	4,153	12,654
Smallmouth Bonefish	120	54	29	79	35	26	73
Cartilaginous Fishes							
Skates/Rays **	325	144	80	315	140	87	211
Spiny Dogfish	80	37	13	87	38	16	74
Other Sharks **	3,125	1,415	227	7,456	3,377	161	3,478
Catfishes							
Freshwater Catfishes	2,505	1,135	676	1,912	865	913	1,716
Saltwater Catfishes	367	168	406	538	243	437	872
Cods and Hakes							
Atlantic Cod	1,880	852	282	356	161	58	1,887
Pacific Cod	2	1	61	2	1	(1)	2
Pacific Hake	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Pacific Tomcod	-	-	(1)	-	-	(1)	(1)
Pollock	435	198	376	803	365	234	1,508
Red Hake	192	86	186	45	19	39	130
Walleye Pollock	-	-	-	-	-	-	-
Other Cods/Hakes	1,027	464	273	631	286	249	863
Damselfishes							
Blackspot Sergeant	-	-	13	-	-	10	4
Other Damselfishes	-	-	15	-	-	3	1
Dolphinfishes **	9,177	4,163	1,217	13,026	5,908	1,796	10,326
Drums							
Atlantic Croaker	4,106	1,863	8,899	2,851	1,292	7,011	3,774
Black Drum	1,911	869	837	2,060	933	682	3,267
California Corbina	9	4	6	12	5	6	9
Kingfishes	2,877	1,306	6,753	2,289	1,037	5,751	2,678
Queenfish	4	2	22	1	1	9	5
Red Drum	5,045	2,287	2,757	5,708	2,589	2,675	12,287
Sand Seatrout	926	420	2,665	1,481	670	3,122	2,043

See notes at end of table.

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Species	2014(2)			2015 (2,3,4)			Average (2010-2014)
	Thousand pounds	Metric tons	Total numbers (thousands)	Thousand pounds	Metric tons	Total numbers (thousands)	Thousand pounds
Silver Perch	40	19	272	40	18	209	52
Spot	2,936	1,331	8,716	2,307	1,045	6,150	2,276
Spotted Seatrout	4,779	2,166	6,746	5,113	2,319	8,342	12,923
Weakfish **	97	44	86	126	58	112	145
White Croaker	29	11	79	13	6	48	20
Other Drum	265	117	319	268	121	329	303
Eels **							
Conger Eels	(1)	(1)	4	7	3	2	24
Moray Eels	(1)	(1)	3	(1)	(1)	10	(1)
Other Eels	8	4	8	11	5	9	8
Hawaiian Flagtail	48	21	111	43	19	138	42
Flounders							
California Halibut **	256	116	24	153	69	15	255
Gulf Flounder	432	197	328	312	141	225	402
Rock Sole	2	(1)	1	2	1	1	2
Sanddabs	264	119	892	73	34	313	177
Southern Flounder	947	429	861	756	343	747	1,631
Starry Flounder	4	2	1	2	1	(1)	3
Summer Flounder	7,392	3,351	2,460	4,724	2,142	1,624	6,390
Winter Flounder	187	85	133	88	39	63	133
Other Flounders **	196	85	578	492	222	152	335
Goatfishes							
Manybar Goatfish	21	10	42	7	3	25	14
Whitesaddle Goatfish	7	3	8	2	1	4	7
Yellowstripe Goatfish	243	110	378	68	31	759	113
Other Goatfishes	15	6	109	329	149	263	76
Greenlings							
Kelp Greenling	36	16	25	51	22	35	52
Lingcod	1,684	763	296	2,262	1,026	353	1,549
Other Greenlings	12	5	8	2	1	1	8
Grunts							
Pigfish	266	121	716	356	160	983	285
White Grunt	1,995	903	2,374	1,326	602	1,527	1,655
Other Grunts	179	81	854	182	81	377	165

See notes at end of table.

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Herrings **							
Pacific Herring	8	3	40	2	1	8	13
Other Herrings	3,987	1,804	32,639	2,512	1,137	35,814	2,805
Jacks							
Bigeye Scad	466	211	1,185	573	260	1,069	289
Bigeye Trevally	2	1	5	2	1	(1)	3
Blue Runner	2,966	1,344	3,337	2,167	984	2,275	1,648
Bluefin Trevally	328	149	107	289	131	104	292
Crevalle Jack	1,526	693	735	1,170	532	614	1,092
Florida Pompano	471	214	397	570	258	463	489
Giant Trevally	192	87	29	624	283	48	341
Greater Amberjack	1,883	853	103	2,303	1,044	129	1,924
Island Jack	51	23	9	10	4	9	23
Mackerel Scad	13	6	167	61	28	209	40
Yellowtail	1,247	565	159	1,814	823	130	681
Other Jacks	888	400	1,525	1,107	498	3,136	810
Mulletts **							
Striped Mullet	2,883	1,307	2,723	2,303	1,043	2,254	3,324
Other Mulletts	98	45	4,840	321	145	5,356	416
Porgies							
Pinfishes	1,658	751	6,199	1,615	731	5,017	1,566
Red Porgy	462	210	480	451	205	410	384
Scup **	4,740	2,149	4,401	4,620	2,096	4,208	4,528
Sheepshead	4,351	1,973	2,131	4,118	1,868	1,781	5,424
Other Porgies **	354	160	414	303	133	381	298
Puffers	65	31	129	422	190	926	320
Rockfishes							
Black Rockfish	1,557	706	771	2,194	996	972	1,731
Blue Rockfish	322	146	329	457	206	445	284
Bocaccio	222	101	187	201	91	136	245
Brown Rockfish	266	120	219	208	94	152	200
Canary Rockfish	41	19	44	96	42	68	51
Chilipepper Rockfish	23	11	54	13	6	30	16
Copper Rockfish	231	105	154	314	141	172	227

See notes at end of table.

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Gopher Rockfish	122	55	129	120	54	125	121
Greenspotted Rockfish	22	10	30	18	8	27	29
Olive Rockfish	70	32	78	113	51	107	70
Quillback Rockfish	13	5	4	19	9	10	24
Widow Rockfish	40	19	36	16	6	14	23
Yellowtail Rockfish	175	79	182	296	134	262	218
Other Rockfishes **	1,185	535	1,535	1,082	486	1,134	1,155
Sablefishes	1	(1)	13	4	1	1	2
Scorpionfishes	(1)	(1)	4	(1)	(1)	4	(1)
Sculpins							
Cabezon	134	60	32	152	69	35	141
Other Sculpins	6	2	7	4	1	8	6
Sea Basses							
Barred Sand Bass	140	64	70	140	64	72	206
Black Sea Bass	4,277	1,940	2,627	4,160	1,888	2,526	3,390
Epinephelus Groupers **	1,976	894	319	2,200	999	316	1,988
Groupers	18	8	15	-	-	3	11
Kelp Bass	219	99	126	151	68	85	168
Mycteroperca Groupers **	1,315	594	160	1,227	558	154	1,396
Spotted Sand Bass	4	2	3	5	2	4	10
Other Sea Basses	151	67	348	61	27	150	87
Sea Chubs **							
Halfmoon	24	11	22	14	6	16	27
Highfin Rudderfish	3	2	6	-	-	9	3
Opaleye	46	20	40	19	8	23	33
Other Sea Chubs	108	49	39	23	10	28	43
Searobins	105	47	138	259	115	240	211
Silversides							
Jacksmelt	91	42	202	117	52	274	113
Other Silversides	69	31	222	12	5	173	31
Smelts **							
Surf Smelt	(1)	(1)	5	(1)	(1)	10	22
Other Smelts	-	-	16	(1)	(1)	70	(1)

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
Snappers							
Blacktail Snapper	2	1	15	(1)	(1)	12	5
Bluestripe Snapper	9	4	86	15	6	35	8
Gray Snapper	2,576	1,169	2,688	1,987	902	2,032	2,060
Green Jobfish	119	54	18	230	105	21	108
Lane Snapper	324	146	444	225	101	351	219
Pink Snapper	126	57	41	30	13	23	136
Red Snapper	3,945	1,789	688	3,928	1,780	843	5,032
Vermilion Snapper	1,099	499	968	771	349	785	819
Yellowtail Snapper	912	415	832	880	398	796	680
Other Snappers **	723	328	256	802	366	255	669
Squirrel/Soldierfishes							
Bigscale Soldierfish	3	1	24	-	-	32	2
Squirrel Fishes	6	3	24	3	(1)	13	3
Whitetip Soldierfish	-	-	-	(1)	(1)	7	(1)
Other Soldierfishes	9	4	39	4	2	12	4
Sturgeons	6	2	(1)	31	14	1	23
Surfperches							
Barred Surfperch	397	180	566	523	238	680	351
Black Perch	19	9	26	12	4	16	29
Pile Perch	5	1	4	4	1	4	7
Redtail Surfperch	49	22	45	76	34	64	58
Shiner Perch	9	3	115	5	2	69	6
Silver Surfperch	7	3	31	29	14	122	10
Striped Seaperch	37	17	36	46	21	44	38
Walleye Surfperch	17	7	71	9	3	42	23
White Seaperch	5	2	11	2	1	7	4
Other Surfperches	65	29	99	41	18	82	62
Surgeonfishes							
Convict Tang	2	1	64	40	18	91	33
Goldring Surgeonfish	38	17	123	-	-	36	18
Unicornfishes	32	14	13	1	1	12	11
Other Surgeonfishes	109	51	76	35	16	78	62

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
Temperate Basses							
Striped Bass	23,789	10,791	1,801	17,140	7,774	1,310	23,118
White Perch	567	258	1,266	719	326	1,529	846
Other Temperate Basses	13	5	8	(1)	(1)	2	18
Toadfishes	28	14	37	8	4	11	25
Triggerfishes/Filefishes	809	364	353	503	230	216	710
Tunas and Mackerels							
Albacore	698	317	33	2,201	998	120	1,675
Atlantic Mackerel	1,746	793	3,274	2,552	1,158	5,144	1,970
Chub Mackerel	443	200	1,124	677	307	1,680	409
Kawakawa	187	85	46	116	52	33	75
King Mackerel **	4,691	2,127	549	4,375	1,984	485	4,144
Little Tunny/Atl. Bonito **	2,435	1,103	385	2,851	1,295	429	2,434
Pacific Bonito **	269	121	166	383	173	182	135
Skipjack Tuna	1,425	648	248	1,806	819	303	1,818
Spanish Mackerel	3,156	1,431	2,607	2,928	1,329	2,408	3,897
Wahoo	1,704	773	76	3,064	1,389	127	1,891
Yellowfin Tuna	10,155	4,604	396	13,275	6,023	513	11,603
Other Tunas/Mackerels **	2,644	1,199	252	2,844	1,287	246	2,828
Wrasses							
California Sheephead	115	52	41	88	40	29	107
Cunner	36	15	73	20	9	38	33
Hawaiian Hogfish	13	6	8	2	1	2	6
Razorfishes	33	15	33	23	11	49	56
Tautog	4,608	2,090	1,038	2,047	928	545	2,513
Other Wrasses	364	164	221	542	245	316	390
Other Fishes **	4,607	2,079	6,796	7,203	3,257	5,937	6,344
Grand Total	185,363	84,008	157,229	188,077	85,234	151,308	204,558

NOTES: Harvest shown represents Type A+B1 catch. Type A catch are fish brought back to the dock in a form that can be identified by trained interviewers. Type B1 catch are fish that are used for bait, released dead, or filleted; identification is by individual anglers.

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

(2) Texas estimates only the number harvested (no weight data) and only private and for-hire fisheries are included.

(3) Louisiana (2014) harvest is estimated by numbers only (no weight).

(4) Alaska data not available for current year.

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

U.S. Marine Recreational Fisheries

U.S. RECREATIONAL HARVEST, BY DISTANCE FROM SHORE AND SPECIES GROUP, 2015

Species	Distance from U.S. Shores												Grand Total		
	Inland			0 to 3 miles (2,3,4) (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	Metric tons	Total number (thousands)
Anchovies**															
Northern Anchovy	2	1	49	3	1	76	(1)	(1)	(1)				4	2	126
Other Anchovies	(1)	(1)	2	(1)	(1)	131			-				(1)	(1)	133
Barracudas															
Pacific Barracuda	2	1	1	45	20	10				50	23	11	96	44	22
Other Barracudas	194	88	45	399	182	102				497	226	45	1,091	496	191
Bluefish	7,711	3,496	1,954	3,529	1,599	1,882				551	251	317	11,792	5,346	4,153
Smallmouth Bonefish	14	6	5	64	29	21				-	-	-	79	35	26
Cartilaginous Fishes															
Skates/Rays**	246	110	49	65	29	36				4	1	2	315	140	87
Spiny Dogfish	65	29	12	17	7	4				5	2	1	87	38	16
Other Sharks**	436	195	65	424	190	44				6,594	2,991	51	7,456	3,377	161
Catfishes															
Freshwater Catfishes	1,912	865	822	(1)	(1)	91				-	-	-	1,912	865	913
Saltwater Catfishes	332	150	231	206	93	204				(1)	(1)	1	538	243	437
Cods And Hakes															
Atlantic Cod	(1)	(1)	(1)	63	29	12				293	132	45	356	161	58
Pacific Cod	-	-	-	1	(1)	(1)				-	-	-	2	1	(1)
Pacific Hake	-	-	-	(1)	(1)	(1)				(1)	(1)	(1)	(1)	(1)	(1)
Pacific Tomcod	-	-	-	-	-	(1)				-	-	-	-	-	(1)
Pollock	155	71	25	102	47	68				546	247	141	803	365	234
Red Hake	1	(1)	2	12	5	8				32	14	29	45	19	39
Other Cods/Hakes	7	3	2	5	2	3				619	281	243	631	286	249
Damselfishes															
Blackspot Sergeant	-	-	(1)	-	-	10				-	-	-	-	-	10
Other Damselfishes	-	-	(1)	-	-	3				-	-	-	-	-	3
Dolphinfishes**	242	110	11	1,085	492	161				11,700	5,306	1,624	13,026	5,908	1,796

See notes at end of table. continued

U.S. Marine Recreational Fisheries

U.S. RECREATIONAL HARVEST, BY DISTANCE FROM SHORE AND SPECIES GROUP, 2015

Species	Distance from U.S. Shores												Grand Total		
	Inland			0 to 3 miles (2,3,4) (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	Metric tons	Total number (thousands)
Drums															
Atlantic Croaker	2,554	1,158	6,058	253	114	860	44	20	92	2,851	1,292	7,011			
Black Drum	1,083	491	352	925	419	319	52	23	11	2,060	933	682			
California Corbina	(1)	(1)	(1)	12	5	6	-	-	-	12	5	6			
Kingfishes	1,149	519	2,623	1,134	516	3,108	5	2	20	2,289	1,037	5,751			
Queenfish	(1)	(1)	1	1	1	8	-	-	-	1	1	9			
Red Drum	4,122	1,869	1,068	1,475	669	1,592	111	51	14	5,708	2,589	2,675			
Sand Seatrout	1,388	629	2,586	89	40	508	4	1	28	1,481	670	3,122			
Silver Perch	33	15	162	7	3	47	(1)	(1)	1	40	18	209			
Spot	1,818	824	4,445	488	221	1,702	1	(1)	3	2,307	1,045	6,150			
Spotted Seatrout	3,604	1,635	3,145	1,174	532	5,003	335	152	193	5,113	2,319	8,342			
Weakfish **	69	31	69	55	26	42	2	1	1	126	58	112			
White Croaker	3	1	11	10	5	36	(1)	(1)	1	13	6	48			
Other Drum	59	27	99	206	93	229	3	1	1	268	121	329			
Eels **															
Conger Eels	(1)	(1)	(1)	-	-	(1)	7	3	2	7	3	2			
Moray Eels	(1)	(1)	4	(1)	(1)	6	(1)	(1)	(1)	(1)	(1)	10			
Other Eels	11	5	9	(1)	(1)	(1)	(1)	(1)	(1)	11	5	9			
Hawaiian Flagtail	5	2	25	38	17	113	-	-	-	43	19	138			
Flounders															
California Halibut **	80	36	9	70	32	6	3	1	(1)	153	69	15			
Gulf Flounder	150	69	124	113	50	76	49	22	24	312	141	225			
Rock Sole	-	-	-	2	1	1	(1)	(1)	(1)	2	1	1			
Sanddabs	(1)	(1)	(1)	44	20	190	29	14	123	73	34	313			
Southern Flounder	601	273	441	147	67	301	9	3	5	756	343	747			
Starry Flounder	1	(1)	(1)	1	1	(1)	(1)	(1)	(1)	2	1	(1)			
Summer Flounder	2,761	1,252	970	998	452	344	965	438	309	4,724	2,142	1,624			
Winter Flounder	56	25	38	32	14	24	(1)	(1)	(1)	88	39	63			
Other Flounders **	3	1	42	109	49	80	22	9	11	492	222	152			

continued

See notes at end of table.

U.S. Marine Recreational Fisheries

U.S. RECREATIONAL HARVEST, BY DISTANCE FROM SHORE AND SPECIES GROUP, 2015

Species	Distance from U.S. Shores												Grand Total		
	Inland			0 to 3 miles (2,3,4) (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)			
Goatfishes															
Manybar Goatfish	1	(1)	5	6	3	20	-	-	-	7	3	25			
Whitesaddle Goatfish	(1)	(1)	1	1	1	3	-	-	1	2	1	4			
Yellowstripe Goatfish	35	16	67	33	15	692	-	-	-	68	31	759			
Other Goatfishes	1	(1)	4	328	149	244	-	-	14	329	149	263			
Greenlings															
Kelp Greenling	3	1	2	42	18	29	1	(1)	(1)	51	22	35			
Lingcod	7	3	1	1,784	810	281	108	49	18	2,262	1,026	353			
Other Greenlings	(1)	(1)	(1)	2	1	1	(1)	(1)	(1)	2	1	1			
Grunts															
Pigfish	299	135	837	34	15	92	23	10	53	356	160	983			
White Grunt	154	70	194	460	209	566	712	323	767	1,326	602	1,527			
Other Grunts	30	13	59	89	41	200	63	27	119	182	81	377			
Herrings**															
Pacific Herring	2	1	7	(1)	(1)	(1)	-	-	-	2	1	8			
Other Herrings	1,747	792	22,767	707	319	11,788	58	26	1,258	2,512	1,137	35,814			
Jacks															
Bigeye Scad	159	72	351	400	182	699	14	6	19	573	260	1,069			
Bigeye Trevally	-	-	-	2	1	(1)	-	-	-	2	1	(1)			
Blue Runner	226	102	320	1,577	716	1,672	365	166	283	2,167	984	2,275			
Bluefin Trevally	53	24	28	233	106	74	2	1	1	289	131	104			
Crevalle Jack	621	282	413	514	234	190	36	16	11	1,170	532	614			
Florida Pompano	75	34	43	494	224	420	1	(1)	(1)	570	258	463			
Giant Trevally	73	33	7	540	245	41	11	5	1	624	283	48			
Greater Amberjack	12	6	1	259	117	15	2,032	921	113	2,303	1,044	129			
Island Jack	2	1	1	5	2	6	3	1	2	10	4	9			
Mackerel Scad	-	-	-	55	25	180	6	3	30	61	28	209			
Whitemouth Trevally	-	-	-	-	-	-	-	-	-	-	-	-			
Yellowtail	2	1	(1)	787	357	57	1,025	465	72	1,814	823	130			
Other Jacks	80	36	457	749	338	2,231	277	124	448	1,107	498	3,136			

See notes at end of table. continued

U.S. Marine Recreational Fisheries

U.S. RECREATIONAL HARVEST, BY DISTANCE FROM SHORE AND SPECIES GROUP, 2015

Species	Distance from U.S. Shores						3 to 200 miles (Exclusive Economic Zone)			Grand Total		
	Inland			0 to 3 miles (2,3,4) (State Territorial Sea)			0 to 3 miles (2,3,4) (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)
Mullet **												
Striped Mullet	1,839	834	1,843	461	208	407	4	1	4	2,303	1,043	2,254
Other Mullet	182	82	3,671	135	61	1,539	3	2	146	321	145	5,356
Porgies												
Pinfishes	1,020	463	3,223	454	204	1,467	142	64	328	1,615	731	5,017
Red Porgy	(1)	(1)	(1)	89	40	109	362	165	301	451	205	410
Scup **	3,678	1,669	3,266	809	367	842	132	60	100	4,620	2,096	4,208
Sheepshead	3,276	1,484	1,254	571	259	461	272	125	66	4,118	1,868	1,781
Other Porgies **	13	5	13	170	77	250	119	51	118	303	133	381
Puffers	153	68	287	267	121	636	2	1	3	422	190	926
Rockfishes												
Black Rockfish	13	6	7	1,336	606	619	30	14	13	2,194	996	972
Blue Rockfish	1	(1)	1	409	185	404	17	7	22	457	206	445
Bocaccio	-	-	-	119	54	76	80	36	60	201	91	136
Brown Rockfish	6	3	6	185	84	133	17	7	13	208	94	152
Canary Rockfish	(1)	(1)	(1)	74	33	56	3	1	3	96	42	68
Chilipepper Rockfish	-	-	-	5	2	11	8	4	20	13	6	30
Copper Rockfish	(1)	(1)	(1)	273	123	150	38	17	21	314	141	172
Gopher Rockfish	(1)	(1)	(1)	116	52	121	4	2	4	120	54	125
Greenspotted Rockfish	-	-	-	9	4	13	9	4	14	18	8	27
Olive Rockfish	(1)	(1)	(1)	96	43	86	17	8	21	113	51	107
Quillback Rockfish	-	-	-	16	7	8	2	1	1	19	9	10
Widow Rockfish	-	-	-	10	4	9	3	1	4	16	6	14
Yellowtail Rockfish	(1)	(1)	(1)	233	106	221	20	9	16	296	134	262
Other Rockfishes **	6	2	5	745	336	676	313	140	448	1,082	486	1,134
Sablefishes	-	-	-	1	(1)	(1)	-	-	-	4	1	1
Scorpionfishes	(1)	(1)	(1)	(1)	(1)	4	(1)	(1)	(1)	(1)	(1)	4
Sculpins												
Cabezon	2	1	1	130	59	30	4	2	1	152	69	35
Other Sculpins	(1)	(1)	1	3	1	6	1	(1)	1	4	1	8

continued

See notes at end of table.

U.S. Marine Recreational Fisheries

U.S. RECREATIONAL HARVEST, BY DISTANCE FROM SHORE AND SPECIES GROUP, 2015

Species	Distance from U.S. Shores						3 to 200 miles (Exclusive Economic Zone)			Grand Total		
	Inland		0 to 3 miles (2,3,4) (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)						
Sea Bases												
Barred Sand Bass	4	2	2	95	43	50	41	19	20	140	64	72
Black Sea Bass	1,902	862	1,074	926	420	547	1,332	606	904	4,160	1,888	2,526
Epinephelus Groupers **	9	4	1	154	70	36	2,037	925	279	2,200	999	316
Other Groupers	-	-	(1)	-	-	3	-	-	-	-	-	3
Kelp Bass	3	1	2	125	57	72	22	10	11	151	68	85
Mycteroperca Groupers **	77	36	10	303	136	35	847	386	109	1,227	558	154
Spotted Sand Bass	5	2	4	(1)	(1)	(1)	(1)	(1)	(1)	5	2	4
Other Sea Bases	12	5	32	25	12	61	24	10	58	61	27	150
Sea Chubs **												
Halfmoon	2	1	3	12	5	13	(1)	(1)	(1)	14	6	16
Highfin Rudderfish	-	-	5	-	-	4	-	-	-	-	-	9
Opaleye	5	2	8	14	6	15	(1)	(1)	(1)	19	8	23
Other Sea Chubs	3	1	4	20	9	23	-	-	-	23	10	28
Searobins	206	93	182	42	17	45	11	5	13	259	115	240
Silversides												
Jacksmelt	38	17	98	78	35	175	(1)	(1)	1	117	52	274
Other Silversides	6	2	113	6	3	60	(1)	(1)	(1)	12	5	173
Smelts **												
Surf Smelt	(1)	(1)	2	(1)	(1)	8	-	-	-	(1)	(1)	10
Other Smelts	(1)	(1)	(1)	(1)	(1)	70	-	-	-	(1)	(1)	70
Snappers												
Blacktail Snapper	(1)	(1)	2	(1)	(1)	10	-	-	-	(1)	(1)	12
Bluestripe Snapper	(1)	(1)	1	5	2	22	10	4	12	15	6	35
Gray Snapper	778	353	933	730	332	730	479	217	369	1,987	902	2,032
Green Jobfish	8	4	1	67	30	10	155	71	10	230	105	21
Lane Snapper	11	4	22	72	33	136	142	64	194	225	101	351
Pink Snapper	-	-	-	27	12	17	3	1	6	30	13	23
Red Snapper	13	5	4	801	363	286	3,115	1,412	552	3,928	1,780	843
Vermillion Snapper	(1)	(1)	(1)	161	72	194	610	277	592	771	349	785
Yellowtail Snapper	1	(1)	1	258	117	269	621	281	526	880	398	796
Other Snappers **	53	25	41	356	162	131	394	179	84	802	366	255

continued

See notes at end of table.

U.S. Marine Recreational Fisheries

U.S. RECREATIONAL HARVEST, BY DISTANCE FROM SHORE AND SPECIES GROUP, 2015

Species	Distance from U.S. Shores											
	Inland			0 to 3 miles (2,3,4) (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)
Squirrel/Soldierfishes												
Bigscale Soldierfish	-	-	-	-	-	25	-	-	7	-	-	32
Squirrel Fishes	-	-	-	2	(1)	7	2	(1)	7	3	(1)	13
Whitetail Soldierfish	-	-	-	-	-	-	(1)	(1)	7	(1)	(1)	7
Other Soldierfishes	-	-	-	2	1	9	1	1	2	4	2	12
Sturgeons	31	14	1	-	-	-	-	-	-	31	14	1
Surperches												
Barred Surperch	1	1	2	521	237	678	-	-	-	523	238	680
Black Perch	4	1	6	8	3	9	(1)	(1)	1	12	4	16
Pile Perch	1	(1)	2	3	1	2	-	-	-	4	1	4
Redtail Surperch	(1)	(1)	(1)	76	34	64	-	-	-	76	34	64
Shiner Perch	1	(1)	9	4	2	60	-	-	-	5	2	69
Silver Surperch	(1)	(1)	(1)	29	14	121	-	-	-	29	14	122
Striped Seaperch	4	2	4	42	19	40	(1)	(1)	(1)	46	21	44
Walleye Surperch	1	(1)	5	8	3	38	-	-	-	9	3	42
White Seaperch	1	(1)	2	1	1	5	(1)	(1)	(1)	2	1	7
Other Surperches	2	(1)	6	38	18	75	(1)	(1)	1	41	18	82
Surgeonfishes												
Convict Tang	1	(1)	10	39	18	81	-	-	-	40	18	91
Golding Surgeonfish	-	-	6	-	-	29	-	-	-	-	-	36
Unicornfishes	1	1	2	-	-	10	-	-	-	1	1	12
Other Surgeonfishes	12	6	36	22	10	43	-	-	-	35	16	78
Temperate Bases												
Striped Bass	10,838	4,915	964	5,710	2,590	326	592	269	20	17,140	7,774	1,310
White Perch	719	326	1,529	(1)	(1)	(1)	(1)	(1)	(1)	719	326	1,529
Other Temperate Bases	(1)	(1)	2	-	-	(1)	-	-	-	(1)	(1)	2
Toadfishes	4	2	7	2	1	3	2	1	1	8	4	11
Triggerfishes/Filefishes	16	8	8	138	62	74	349	160	134	503	230	216

See notes at end of table. continued

U.S. Marine Recreational Fisheries

U.S. RECREATIONAL HARVEST, BY DISTANCE FROM SHORE AND SPECIES GROUP, 2015

Species	Distance from U.S. Shores						3 to 200 miles (Exclusive Economic Zone)			Grand Total		
	Inland			0 to 3 miles (State Territorial Sea)			0 to 3 miles (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)
Tunas and Mackerels												
Albacore	(1)	(1)	(1)	1,477	670	83	173	79	6	2,201	998	120
Atlantic Mackerel	1,171	531	2,444	965	438	1,961	417	189	739	2,552	1,158	5,144
Chub Mackerel	103	47	279	525	238	1,321	48	22	79	677	307	1,680
Kawakawa	-	-	-	45	20	10	71	32	22	116	52	33
King Mackerel **	21	10	2	2,178	987	226	2,176	987	256	4,375	1,984	485
Little Tunny/Atlantic Bonito **	371	169	60	1,528	692	223	952	434	146	2,851	1,295	429
Pacific Bonito **	11	5	11	288	130	139	83	38	33	383	173	182
Skipjack Tuna	-	-	-	79	35	13	1,727	784	290	1,806	819	303
Spanish Mackerel	667	303	571	2,017	915	1,675	245	111	163	2,928	1,329	2,408
Wahoo	(1)	(1)	(1)	763	346	35	2,302	1,043	92	3,064	1,389	127
Yellowfin Tuna	(1)	(1)	(1)	450	204	16	12,826	5,819	497	13,275	6,023	513
Other Tunas/Mackerels **	(1)	(1)	3	193	87	42	2,651	1,200	202	2,844	1,287	246
Wrasses												
California Sheephead	1	1	(1)	67	30	21	20	9	7	88	40	29
Cunner	(1)	(1)	1	14	7	25	6	2	12	20	9	38
Hawaiian Hogfish	-	-	(1)	2	1	2	-	-	-	2	1	2
Razorfishes	-	-	-	23	11	49	-	-	-	23	11	49
Tautog	1,297	589	327	637	288	188	113	51	31	2,047	928	545
Other Wrasses	44	20	43	260	117	161	238	108	112	542	245	316
Other Fishes **	2,825	1,275	3,995	2,232	1,011	1,384	2,004	906	543	7,203	3,257	5,937
Grand Total	65,924	29,871	77,583	53,910	24,425	57,625	65,867	29,861	15,583	188,077	85,234	151,308

NOTES: Harvest shown represents Type A+B1 catch. Type A catch are fish brought back to the dock in a form that can be identified by trained interviewers. Type B1 catch are fish that are used for bait, released dead, or filleted; identification is by individual anglers.

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

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

(3) Includes all Oregon and Washington harvest (where distance from shore is unknown).

(4) Louisiana harvest is estimated by numbers only (no weight), includes harvest from inland and state territorial seas.

(5) Alaska data not available for current year.

(6) Texas estimates only the number harvested (no weight data) and only private and for-hire fisheries are included.

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

U.S. Marine Recreational Fisheries

U.S. RECREATIONAL HARVEST AND TOTAL LIVE RELEASES, BY SPECIES GROUP, 2006-2015

Year	Barracudas			Bluefish		
	Pounds Harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)	Pounds Harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)
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	16,889	6,018	9,411
2014	999	217	314	10,831	6,094	11,098
2015	1,187	213	409	11,792	4,153	7,149
Year	Cartilaginous Fishes			Catfishes		
	Pounds Harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)	Pounds Harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)
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	4,808	380	11,446	2,704	1,307	17,020
2014	3,530	319	11,002	2,872	1,082	9,131
2015	7,858	264	8,707	2,450	1,350	9,992
Year	Cods and Hakes			Dolphinfishes		
	Pounds Harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)	Pounds Harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)
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	4,674	1,380	2,237	8,836	1,262	1,542
2014	3,537	1,117	2,281	9,177	1,217	557
2015	1,837	580	1,767	13,026	1,796	673

See notes at end of table.

continued

U.S. Marine Recreational Fisheries

U.S. RECREATIONAL HARVEST AND TOTAL LIVE RELEASES, BY SPECIES GROUP, 2006-2015

Year	Drums			Flounders		
	Pounds Harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)	Pounds Harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)
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	53,029	49,157	72,765	11,082	5,239	16,879
2014	23,024	38,158	44,268	9,680	4,870	19,352
2015	22,270	34,444	43,648	6,602	3,139	12,860
Year	Greenlings			Grunts		
	Pounds Harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)	Pounds Harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)
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	3,849	6,927
2014	1,731	297	201	2,440	3,943	6,096
2015	2,314	389	196	1,863	2,887	6,087
Year	Herrings			Jacks		
	Pounds Harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)	Pounds Harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)
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
2014	3,995	32,679	13,167	10,032	7,759	12,965
2015	2,513	35,821	3,959	10,689	8,187	10,918

See notes at end of table.

continued

U.S. Marine Recreational Fisheries

U.S. RECREATIONAL HARVEST AND TOTAL LIVE RELEASES, BY SPECIES GROUP, 2006-2015

Year	Mulletts			Porgies		
	Pounds Harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)	Pounds Harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)
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	11,750	12,961	19,743
2014	2,981	7,562	3,252	11,564	13,626	21,881
2015	2,624	7,610	1,567	11,107	11,796	20,939
Year	Puffers			Rockfishes		
	Pounds Harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)	Pounds Harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)
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	1,259	4,878	3,561	764
2014	65	129	1,653	4,289	3,418	698
2015	422	926	2,334	5,147	3,654	587
Year	Sculpins			Sea Basses		
	Pounds Harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)	Pounds Harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)
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	265	8,208	2,765	18,277
2014	141	39	89	8,100	3,667	20,254
2015	156	43	63	7,945	3,311	15,248

See notes at end of table.

continued

U.S. Marine Recreational Fisheries

U.S. RECREATIONAL HARVEST AND TOTAL LIVE RELEASES, BY SPECIES GROUP, 2006-2015

Year	Sea Chubs			Searobins		
	Pounds Harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)	Pounds Harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)
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	497	358	7,329
2014	182	107	29	105	138	3,548
2015	56	76	52	259	240	5,922
Year	Silversides			Smelts		
	Pounds Harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)	Pounds Harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)
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
2014	160	423	236	(1)	6	(1)
2015	128	446	199	(1)	80	1
Year	Snappers			Surfperches		
	Pounds Harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)	Pounds Harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)
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
2014	9,836	6,037	15,137	611	1,004	1,002
2015	8,869	5,153	12,093	747	1,131	864

See notes at end of table.

continued

U.S. Marine Recreational Fisheries

U.S. RECREATIONAL HARVEST AND TOTAL LIVE RELEASES, BY SPECIES GROUP, 2006-2015

Year	Temperate Basses			Toadfishes		
	Pounds Harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)	Pounds Harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)
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	28,568	4,784	15,481	60	42	1,503
2014	24,369	3,075	10,282	28	37	1,374
2015	17,860	2,841	11,564	8	11	1,344
Year	Triggerfishes/Filefishes			Tunas and Mackerels		
	Pounds Harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)	Pounds Harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)
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	900	340	557	38,622	10,795	6,344
2014	809	353	558	29,552	9,157	7,059
2015	503	216	998	37,073	11,671	4,016
Year	Wrasses					
	Pounds Harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)			
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	2,872	955	2,558			
2014	5,168	1,413	4,746			
2015	2,722	980	3,047			

Note: Harvest shown represents type A+B1 catch. Type A catch are fish brought back to the dock in a form that can be identified by trained interviewers. Type B1 catch are fish that are used for bait, released dead, or filleted, identification is by individual anglers. Live Releases are type B2, fish that are caught and released alive, identification is by individual anglers.

(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 HARVESTED AND RELEASED, 2014 AND 2015

State	2014		
	Pounds Harvested (1) (thousands)	Number Harvested (thousands)	Number Released (1) (thousands)
California	10,845	8,385	6,054
Oregon	2,025	389	89
Washington	611	213	32
Connecticut	6,675	2,664	6,561
Maine	793	1,382	1,800
Massachusetts	13,851	5,801	9,956
New Hampshire	1,248	948	935
Rhode Island	5,129	2,301	2,598
Delaware	1,523	1,228	2,655
Maryland	7,567	4,453	9,048
New Jersey	14,829	6,244	19,979
New York	18,205	4,858	15,361
Virginia	5,295	8,487	9,365
Florida	57,927	67,891	99,353
Georgia	1,243	1,575	3,722
North Carolina	8,789	9,573	19,765
South Carolina	2,591	3,708	9,667
Alabama	6,846	5,892	9,704
Louisiana	.	6,656	.
Mississippi	4,224	6,598	9,547
Hawaii	13,179	3,718	435
Texas	-	1,629	-
Alaska	-	1,471	822
Puerto Rico	1,968	1,165	173
Grand Total	185,363	157,229	237,624
State	2015		
	Pounds Harvested (1,2) (thousands)	Number Harvested (thousands)	Number Released (1,2) (thousands)
California	13,024	8,329	4,629
Oregon	2,824	676	144
Washington	2,591	453	44
Connecticut	6,170	1,838	3,826
Maine	871	1,069	686
Massachusetts	10,029	6,471	5,780
New Hampshire	872	526	1,072
Rhode Island	4,037	1,321	3,204
Delaware	470	377	1,109
Maryland	6,093	3,191	9,168
New Jersey	13,160	4,586	14,873
New York	20,040	6,073	15,491
Virginia	5,660	5,931	7,799
Florida	51,985	65,259	82,157
Georgia	899	1,210	2,378
North Carolina	11,917	10,363	21,137
South Carolina	3,428	6,080	11,852
Alabama	12,040	8,368	9,484
Louisiana	-	7,705	-
Mississippi	4,625	4,315	4,652
Hawaii	15,831	4,638	541
Texas	-	1,917	-
Alaska	-	-	-
Puerto Rico	1,511	612	345
Grand Total	188,077	151,308	200,371

Note: Harvest shown represents Type A+B1 catch. Type A catch are fish brought back to the dock in a form that can be identified by trained interviewers. Type B1 catch are fish that are used for bait, released dead, or filleted; identification is by individual anglers. Live Releases are type B2, fish that are caught and released alive; identification is by individual anglers.

(1)TX estimates only number harvested (no weight or release data) and only private and for-hire fisheries are included.

(2) Louisiana (2014) estimates harvest only (no weight or release data).

(3) OR and WA estimates include only private and for-hire fisheries.

(4) AK data not available for current year.

U.S. Marine Recreational Fisheries

U.S. RECREATIONAL NUMBERS OF ANGLERS AND TRIPS BY STATE, 2014 AND 2015

State	2014			
	Out-of-State Anglers	In-State Anglers		Number of Angler Trips
		From Coastal Counties (1)	From Non-Coastal Counties	
----- Numbers in thousands -----				
California	-	-	-	5,239
Oregon	-	-	-	140
Washington	-	-	-	65
Connecticut	64	209	-	1,365
Maine	129	79	5	539
Massachusetts	532	582	82	3,397
New Hampshire	58	50	11	252
Rhode Island	304	160	-	1,099
Delaware	146	93	-	867
Maryland	338	413	41	2,473
New Jersey	566	607	17	4,868
New York	155	657	19	3,955
Virginia	206	341	53	2,182
Florida	3,523	2,984	-	24,823
Georgia	70	125	115	827
North Carolina	805	549	301	4,954
South Carolina	569	181	114	2,221
Alabama	510	220	123	2,169
Louisiana	.	.	.	2,227
Mississippi	94	171	62	1,481
Hawaii	-	-	-	1,374
Texas	-	-	-	1,069
Alaska	177	124	-	583
Puerto Rico	.	.	-	535
Grand Total (5)				68,704
State	2015			
	Out-of-State Anglers	In-State Anglers		Number of Angler Trips
		From Coastal Counties (1,2)	From Non-Coastal Counties	
----- Numbers in thousands -----				
California	-	-	-	3,658
Oregon	-	-	-	204
Washington	-	-	-	135
Connecticut	57	252	-	1,341
Maine	74	67	4	414
Massachusetts	199	428	85	2,181
New Hampshire	54	54	6	221
Rhode Island	175	123	-	879
Delaware	84	67	-	495
Maryland	352	364	31	2,319
New Jersey	448	515	24	4,287
New York	53	555	10	3,235
Virginia	203	359	59	2,083
Florida	3,219	2,415	-	22,058
Georgia	70	81	80	590
North Carolina	830	479	239	4,646
South Carolina	684	192	157	2,670
Alabama	455	225	151	2,324
Louisiana	-	-	-	2,426
Mississippi	114	195	48	1,551
Hawaii	-	-	-	1,431
Texas	-	-	-	1,043
Alaska	-	-	-	-
Puerto Rico	-	-	-	668
Grand Total (5)				60,861

NOTE: (1) All counties in Puerto Rico, Rhode Island, Connecticut, Delaware and Florida are considered coastal. (2) Alaska estimates are presented as coastal, current year data not available. (3) Hawaii, Texas, California, Oregon, and Washington angler data not available. (4) Louisiana angler data not available for 2014. (5) Out-of-state angler estimates are not cnykatuve across states.