

# U.S. MARINE RECREATIONAL FISHERIES

## U.S. RECREATIONAL HARVEST (A+B1) AND TOTAL LIVE RELEASES (B2), BY SPECIES GROUP, 1989-1998

Year	Barracudas			Bluefish		
	<u>Pounds harvested</u> (thousand)	<u>Number Harvested</u> (thousands)	<u>Number Released</u> (thousands)	<u>Pounds harvested</u> (thousand)	<u>Number Harvested</u> (thousands)	<u>Number Released</u> (thousands)
1989	857	99	409	40,973	14,100	5,415
1990	1,225	158	301	30,905	11,567	5,306
1991	1,349	227	755	33,957	12,420	6,831
1992	1,105	173	627	24,775	7,479	4,511
1993	1,323	196	592	20,636	5,917	4,384
1994	1,656	211	695	15,988	6,056	6,349
1995	1,623	243	665	14,771	5,371	5,568
1996	1,951	228	604	15,085	4,779	5,592
1997	1,698	160	428	14,490	5,553	7,549
1998	1,104	142	381	12,534	4,359	5,248

  

Year	Cartilaginous Fishes			Catfishes		
	<u>Pounds harvested</u> (thousand)	<u>Number Harvested</u> (thousands)	<u>Number Released</u> (thousands)	<u>Pounds harvested</u> (thousand)	<u>Number Harvested</u> (thousands)	<u>Number Released</u> (thousands)
1989	8,558	904	3,652	1,859	1,756	11,126
1990	4,983	640	3,253	2,285	1,774	12,642
1991	2,467	681	4,068	3,770	2,479	16,741
1992	5,075	545	4,113	2,180	1,704	12,862
1993	5,293	645	4,707	2,159	1,764	12,018
1994	4,349	597	5,903	1,886	1,595	14,223
1995	10,635	590	5,354	1,527	1,237	13,289
1996	5,149	554	6,084	1,544	983	8,084
1997	4,013	559	6,725	1,863	902	10,532
1998	3,250	511	6,610	1,638	952	7,529

  

Year	Cods and Hakes			Dolphins		
	<u>Pounds harvested</u> (thousand)	<u>Number Harvested</u> (thousands)	<u>Number Released</u> (thousands)	<u>Pounds harvested</u> (thousand)	<u>Number Harvested</u> (thousands)	<u>Number Released</u> (thousands)
1989	9,374	3,261	1,379	13,495	2,678	245
1990	9,749	3,254	1,038	12,773	1,840	85
1991	10,562	2,803	950	17,205	2,618	524
1992	2,994	1,178	472	9,788	1,318	166
1993	7,485	1,954	1,477	10,894	1,762	177
1994	5,123	1,636	1,590	12,795	2,215	236
1995	5,823	1,623	1,603	19,787	2,280	333
1996	4,048	883	828	12,573	1,675	233
1997	3,650	1,041	782	22,740	2,255	231
1998	3,524	841	1,036	11,778	1,829	178

See footnotes at end of table.

# U.S. MARINE RECREATIONAL FISHERIES

## U.S. RECREATIONAL HARVEST (A+B1) AND TOTAL LIVE RELEASES (B2), BY SPECIES GROUP, 1989-1998

Year	Drums			Flounders		
	<u>Pounds harvested</u> (thousand)	<u>Number Harvested</u> (thousands)	<u>Number Released</u> (thousands)	<u>Pounds harvested</u> (thousand)	<u>Number Harvested</u> (thousands)	<u>Number Released</u> (thousands)
1989	35,336	34,844	24,150	9,915	8,393	4,390
1990	23,936	30,262	31,030	9,854	8,311	8,128
1991	40,235	49,309	56,407	13,136	10,954	12,773
1992	35,271	40,646	35,462	10,101	7,303	8,775
1993	33,675	38,144	39,677	13,253	10,526	20,422
1994	38,698	48,718	48,959	13,815	9,891	15,377
1995	41,853	41,236	41,477	11,354	6,737	15,930
1996	38,687	34,840	37,656	15,317	10,840	16,499
1997	44,041	39,340	49,910	17,161	10,390	16,795
1998	39,967	35,516	42,883	16,511	9,063	18,838

  

Year	Grunts			Herrings		
	<u>Pounds harvested</u> (thousand)	<u>Number Harvested</u> (thousands)	<u>Number Released</u> (thousands)	<u>Pounds harvested</u> (thousand)	<u>Number Harvested</u> (thousands)	<u>Number Released</u> (thousands)
1989	2,186	4,645	5,323	486	10,575	4,754
1990	2,384	4,503	4,704	903	13,516	7,331
1991	3,176	5,125	10,713	3,082	31,300	2,641
1992	2,979	4,831	6,757	2,034	23,974	4,959
1993	2,347	4,461	7,108	753	28,244	6,499
1994	2,890	5,633	8,256	762	26,411	12,137
1995	3,082	5,485	7,771	959	25,347	4,803
1996	2,350	3,818	6,156	1,057	21,637	7,969
1997	2,525	4,436	6,618	1,853	35,647	3,855
1998	1,788	3,280	5,373	915	25,443	6,997

  

Year	Jacks			Mulletts		
	<u>Pounds harvested</u> (thousand)	<u>Number Harvested</u> (thousands)	<u>Number Released</u> (thousands)	<u>Pounds harvested</u> (thousand)	<u>Number Harvested</u> (thousands)	<u>Number Released</u> (thousands)
1989	9,830	2,839	3,066	1,735	3,088	1,778
1990	4,231	2,044	3,980	2,061	2,283	1,522
1991	7,478	5,185	5,239	5,036	4,883	796
1992	5,934	5,549	6,017	5,185	5,240	331
1993	8,423	5,783	6,659	2,389	3,947	239
1994	6,269	4,150	7,198	3,095	3,893	495
1995	4,838	3,270	5,513	2,058	4,074	587
1996	5,893	3,459	4,884	1,835	2,705	907
1997	8,091	4,846	7,009	2,410	2,792	393
1998	9,928	3,966	7,556	2,410	2,842	432

See footnotes at end of page.

# U.S. MARINE RECREATIONAL FISHERIES

## U.S. RECREATIONAL HARVEST (A+B1) AND TOTAL LIVE RELEASES (B2), BY SPECIES GROUP, 1989-1998

Year	Porgies			Puffers		
	<u>Pounds harvested</u> (thousand)	<u>Number Harvested</u> (thousands)	<u>Number Released</u> (thousands)	<u>Pounds harvested</u> (thousand)	<u>Number Harvested</u> (thousands)	<u>Number Released</u> (thousands)
1989	12,934	17,113	10,448	352	611	856
1990	8,968	14,090	8,076	176	381	830
1991	14,608	23,440	14,998	302	830	2,066
1992	13,389	17,502	12,316	359	743	1,357
1993	11,373	15,738	10,585	167	338	986
1994	10,054	13,659	13,048	97	248	893
1995	10,705	14,376	11,999	130	250	685
1996	9,020	13,113	10,782	114	246	566
1997	8,337	12,804	14,256	151	280	748
1998	7,570	10,290	13,129	67	145	545

  

Year	Sculpins			Sea Basses		
	<u>Pounds harvested</u> (thousand)	<u>Number Harvested</u> (thousands)	<u>Number Released</u> (thousands)	<u>Pounds harvested</u> (thousand)	<u>Number Harvested</u> (thousands)	<u>Number Released</u> (thousands)
1989	1	6	265	12,507	11,061	11,325
1990	1	5	118	7,743	6,927	12,428
1991	2	2	53	10,401	9,003	14,984
1992	7	9	45	9,759	6,629	12,587
1993	278	245	858	14,290	10,715	13,854
1994	188	87	289	11,788	7,921	14,502
1995	191	140	457	15,338	10,903	17,483
1996	297	163	383	12,688	8,748	13,088
1997	213	138	468	11,205	7,880	15,688
1998	312	130	318	8,276	3,532	11,538

  

Year	Searobins			Snappers		
	<u>Pounds harvested</u> (thousand)	<u>Number Harvested</u> (thousands)	<u>Number Released</u> (thousands)	<u>Pounds harvested</u> (thousand)	<u>Number Harvested</u> (thousands)	<u>Number Released</u> (thousands)
1989	146	351	2,628	6,549	5,078	2,694
1990	188	329	4,980	4,712	3,388	3,089
1991	317	486	7,788	7,670	5,485	11,339
1992	205	261	4,507	7,431	4,207	7,445
1993	156	245	7,481	8,214	4,989	7,941
1994	48	125	4,582	7,227	4,083	6,396
1995	21	100	4,694	6,158	3,556	6,490
1996	216	196	5,182	5,087	2,630	5,932
1997	242	238	5,523	7,484	3,442	8,058
1998	105	200	3,755	6,670	3,132	6,738

See footnotes at end of table.

# U.S. MARINE RECREATIONAL FISHERIES

## U.S. RECREATIONAL HARVEST (A+B1) AND TOTAL LIVE RELEASES (B2), BY SPECIES GROUP, 1989-1998

Year	Temperate Basses			Toadfishes		
	<u>Pounds harvested</u> (thousand)	<u>Number Harvested</u> (thousands)	<u>Number Released</u> (thousands)	<u>Pounds harvested</u> (thousand)	<u>Number Harvested</u> (thousands)	<u>Number Released</u> (thousands)
1989	1,195	927	2,328	56	193	2,842
1990	2,915	1,601	3,850	7	32	2,633
1991	4,542	2,494	5,396	7	134	2,867
1992	4,683	1,977	5,538	19	152	1,631
1993	6,783	2,895	7,322	17	39	2,638
1994	7,888	2,827	10,490	28	61	1,720
1995	12,082	2,222	12,129	1	29	1,603
1996	15,876	3,744	15,287	1	14	1,036
1997	17,597	4,300	20,104	0	33	1,110
1998	13,995	3,294	18,438	2	10	895
Year	Triggerfishes/Filefishes			Tunas And Mackerels		
	<u>Pounds harvested</u> (thousand)	<u>Number Harvested</u> (thousands)	<u>Number Released</u> (thousands)	<u>Pounds harvested</u> (thousand)	<u>Number Harvested</u> (thousands)	<u>Number Released</u> (thousands)
1989	1,832	1,109	447	41,444	7,689	2,063
1990	2,365	1,084	259	31,457	8,397	3,264
1991	2,428	1,000	427	33,097	10,784	2,949
1992	1,654	796	307	24,513	7,067	3,027
1993	1,547	767	232	31,259	8,604	5,487
1994	1,414	740	179	36,279	12,040	5,507
1995	1,257	703	194	37,142	9,234	5,720
1996	851	470	265	34,930	9,302	6,433
1997	1,076	506	227	40,880	11,432	6,574
1998	689	349	219	29,496	7,054	3,989
Year	Wrasses			California Scorpionfish (1)		
	<u>Pounds harvested</u> (thousand)	<u>Number Harvested</u> (thousands)	<u>Number Released</u> (thousands)	<u>Pounds harvested</u> (thousand)	<u>Number Harvested</u> (thousands)	<u>Number Released</u> (thousands)
1989	6,736	3,161	3,403	-	-	-
1990	5,424	2,837	3,740	-	-	-
1991	8,696	3,518	4,610	-	-	-
1992	8,237	3,088	3,313	-	-	-
1993	6,536	2,880	3,532	166	148	72
1994	4,148	1,760	2,484	258	242	126
1995	5,153	2,053	3,392	224	212	139
1996	3,620	1,317	1,797	339	342	234
1997	2,582	926	1,817	206	243	132
1998	1,706	557	2,023	185	160	66

See footnotes at end of table.

# U.S. MARINE RECREATIONAL FISHERIES

## U.S. RECREATIONAL HARVEST (A+B1) AND TOTAL LIVE RELEASES (B2), BY SPECIES GROUP, 1989-1998

Year	Croakers (1)			Greenlings (1)		
	<u>Pounds harvested</u> (thousand)	<u>Number Harvested</u> (thousands)	<u>Number Released</u> (thousands)	<u>Pounds harvested</u> (thousand)	<u>Number Harvested</u> (thousands)	<u>Number Released</u> (thousands)
1993	582	1,216	1,146	1,814	497	175
1994	446	739	521	1,016	294	109
1995	695	1,132	674	962	252	144
1996	919	1,544	864	1,370	408	285
1997	557	774	711	1,062	299	244
1998	426	611	355	1,408	270	298
Year	Pacific Barracuda (1)			Rockfishes (1)		
	<u>Pounds harvested</u> (thousand)	<u>Number Harvested</u> (thousands)	<u>Number Released</u> (thousands)	<u>Pounds harvested</u> (thousand)	<u>Number Harvested</u> (thousands)	<u>Number Released</u> (thousands)
1993	1,687	428	822	6,088	4,900	1,447
1994	2,015	526	1,239	4,809	3,798	698
1995	2,490	563	816	4,188	2,917	665
1996	1,011	234	350	4,810	3,741	806
1997	1,699	374	475	3,796	2,987	680
1998	2,057	450	752	5,592	4,135	734
Year	Sea Chubs (1)			Silversides (1)		
	<u>Pounds harvested</u> (thousand)	<u>Number Harvested</u> (thousands)	<u>Number Released</u> (thousands)	<u>Pounds harvested</u> (thousand)	<u>Number Harvested</u> (thousands)	<u>Number Released</u> (thousands)
1993	87	129	60	439	1,078	152
1994	106	108	42	138	323	97
1995	225	217	31	317	800	171
1996	78	72	18	297	658	120
1997	66	58	12	169	492	243
1998	87	108	47	153	395	157
Year	Smelts (1)			Surfperches <sup>1</sup>		
	<u>Pounds harvested</u> (thousand)	<u>Number Harvested</u> (thousands)	<u>Number Released</u> (thousands)	<u>Pounds harvested</u> (thousand)	<u>Number Harvested</u> (thousands)	<u>Number Released</u> (thousands)
1993	159	1,629	31	755	1,362	608
1994	91	1,208	0	443	820	363
1995	122	1,416	0	709	1,181	649
1996	474	4,351	4	949	1,466	687
1997	120	1,617	9	640	1,180	755
1998	357	4,825	9	1,006	1,436	489

(1) The 1989 Pacific data were estimated without weighting county populations. The MRFSS was not conducted on the Pacific Coast from 1990 to 1992.