

Science, Service, Stewardship



Southeast Fisheries Science Center SAFMC Update – June 2011

Prepared by:

B. Ponwith, T. Jamir, S. Turner, V. Matter & K. Brennan

June 3, 2011

**NOAA
FISHERIES
SERVICE**



HEADBOAT SURVEY & MRIP PILOT STUDY UPDATE

- The 2010 estimated headboat landings and angler days for the South Atlantic and Gulf of Mexico completed in March 15, 2011.
- Headboat Survey staff participated in SEDAR 25 Data Workshop. Headboat data will be used to create index of abundance for black sea bass but not for tilefish (due to limited HB data).
- Analysis of MRIP Electronic Logbook Reporting Pilot study completed. Final report in review; will be available by June, 2011.
- Results of MRIP Pilot study to be used to plan and develop strategy for full implementation of HB electronic logbook reporting.



Black Seabass Rec Landings*

(whole weight, lb)

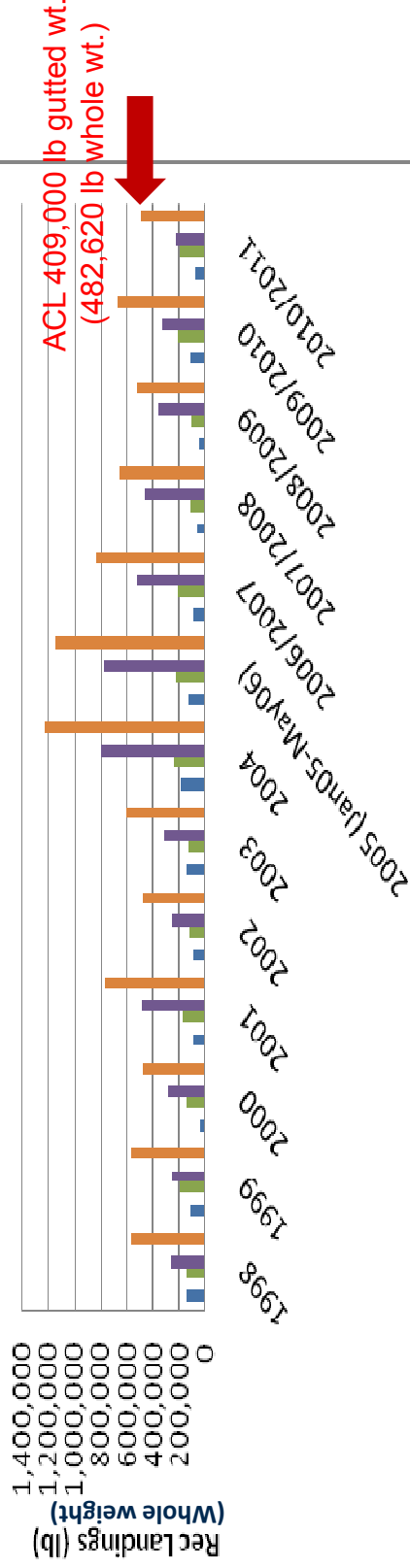
fish_yr**	Cbt	Hbt	Priv	Shore	Grand Total
1998	148,276	142,503	269,518	9,031	569,328
1999	120,503	192,567	258,840	3,621	575,530
2000	35,748	144,588	289,645	5,993	475,974
2001	102,647	172,023	488,411	9,194	772,276
2002	94,993	123,274	254,771	4,689	477,727
2003	148,771	134,110	317,429	2,886	603,195
2004	189,118	237,584	798,302	2,819	1,227,823
2005 (1/05-5/06)	136,468	229,898	780,853	3,228	1,150,446
2006/2007	94,283	208,303	522,667	3,610	828,863
2007/2008	68,834	120,436	461,265	5,118	655,653
2008/2009	48,134	104,666	366,057	1,514	520,371
2009/2010	116,121	209,513	338,225	5,020	668,879
2010/2011	77,873	194,686	222,596	1,782	496,937

* Area: NC to FLE; 2010/2011 Fishing year is incomplete – only includes data through 2010

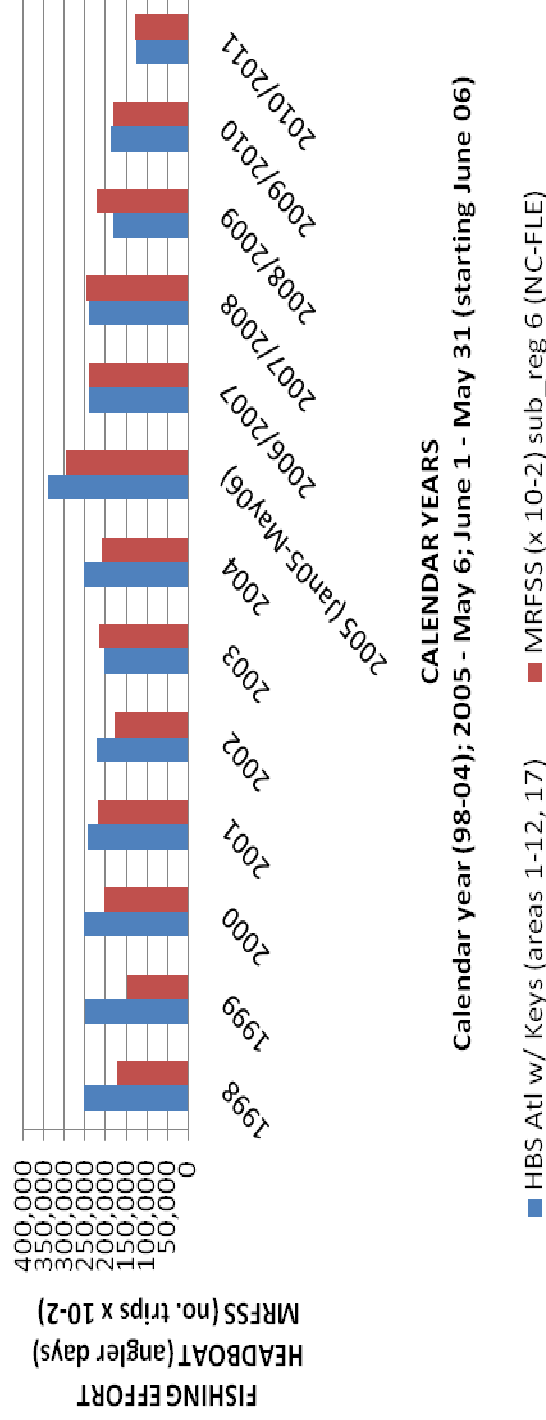
** Calendar year (98-04); 2005 – May 06; June 1 – May 31 (starting June 06)

Black Seabass Rec Landings

Data for 2010 MRFSS preliminary; HBS data through 2010



Rec Fishing Effort



Fishing year 2010-2011 incomplete; only includes data through 2010



Dolphin Rec Landings*

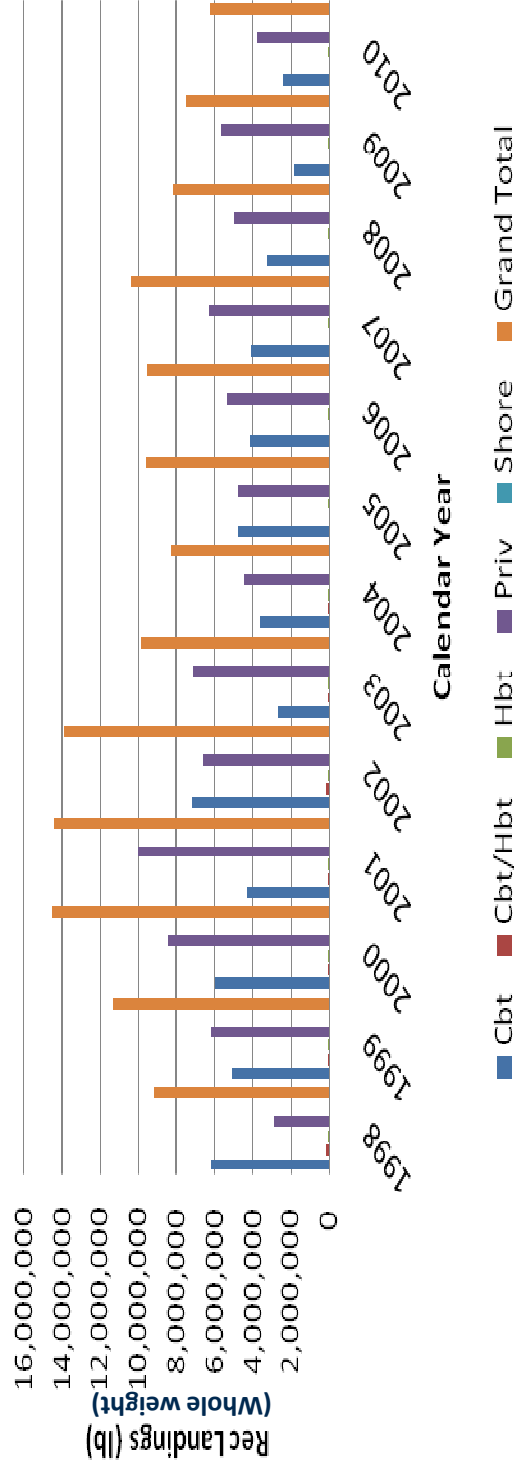
(whole weight, lb)

fish_yr	Cbt	Cbt/Hbt	Hbt	Priv	Grand Total
1998	6,172,090	156,345	21,315	2,883,602	9,233,352
1999	5,077,849	80,783	49,796	6,157,434	11,365,861
2000	5,947,388	413	69,888	8,462,750	14,480,440
2001	4,292,495	55,751	72,524	10,006,714	14,427,485
2002	7,174,881	144,161	39,236	6,567,523	13,925,801
2003	2,706,630	18,386	16,546	7,112,181	9,853,744
2004	3,661,684	90,869	26,966	4,452,548	8,232,068
2005	4,774,368		23,785	4,774,346	9,572,499
2006	4,137,957		25,903	5,370,256	9,534,116
2007	4,089,276		47,122	6,300,261	10,436,659
2008	3,246,604		12,825	4,964,915	8,224,344
2009	1,820,523		24,138	5,672,189	7,516,851
2010	2,438,919		19,446	3,778,287	6,236,652

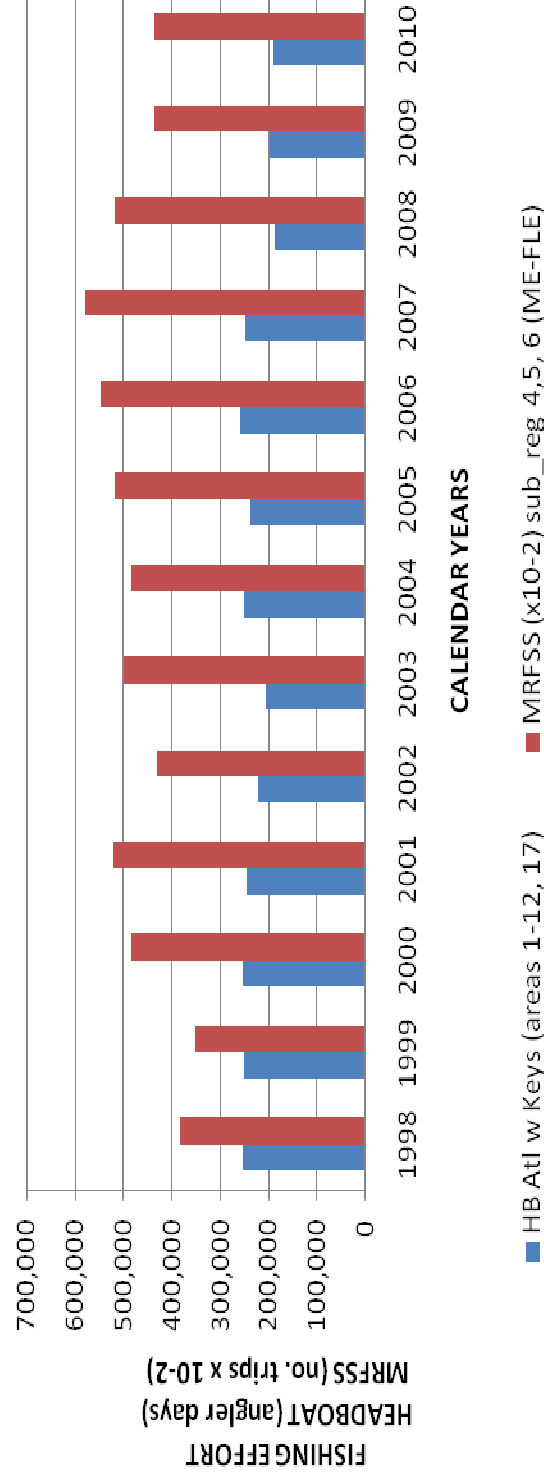
* Area: ME to FLE; Data for 2010 provided for MRFSS is preliminary; Headboat Survey data through 2010

Dolphin Rec Landings

Data for 2010 MRFSS preliminary; HBS data through 2010



Rec Fishing Effort





Gag Grouper Rec Landings*

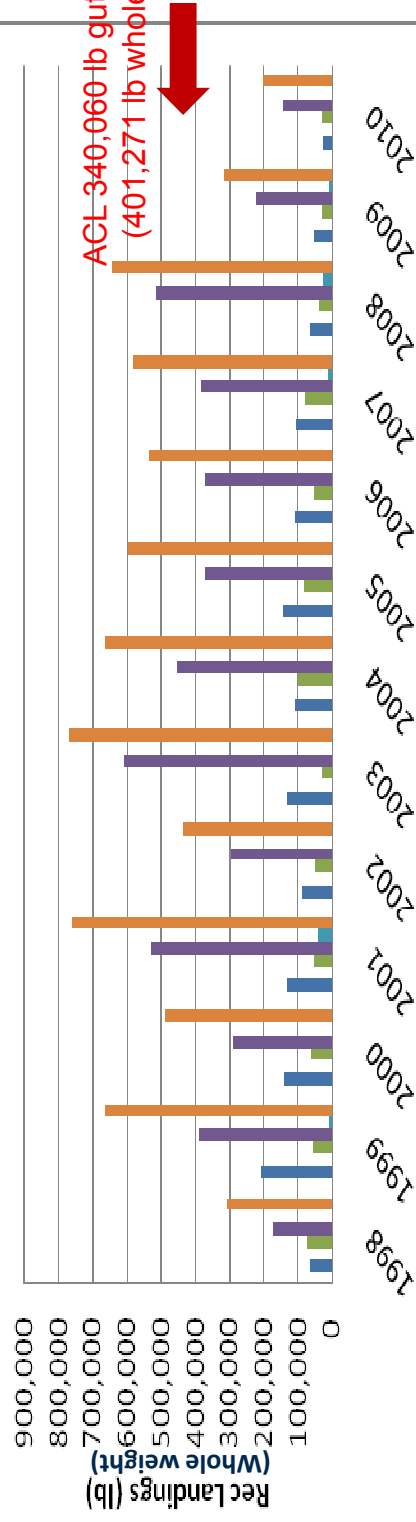
(whole weight, lb)

fish_yr	Cbt	Hbt	Priv	Shore	Grand Total
1998	64,323	70,876	173,374		308,573
1999	205,739	58,345	390,745	9,083	663,912
2000	138,624	60,908	288,017		487,550
2001	133,586	52,772	530,536	43,479	760,372
2002	87,142	50,558	297,984		435,683
2003	130,349	32,492	606,743		769,583
2004	110,449	97,323	454,524		662,295
2005	143,448	84,650	369,874		597,972
2006	110,863	54,914	370,391		536,168
2007	105,946	78,803	382,148	13,848	580,745
2008	64,678	39,106	513,597	27,675	645,056
2009	53,736	31,556	222,882	7,019	315,193
2010	28,864	32,366	142,040		203,270

* Area: NC to FLE; Data for 2010 provided for MRFSS is preliminary; Headboat Survey data through 2010

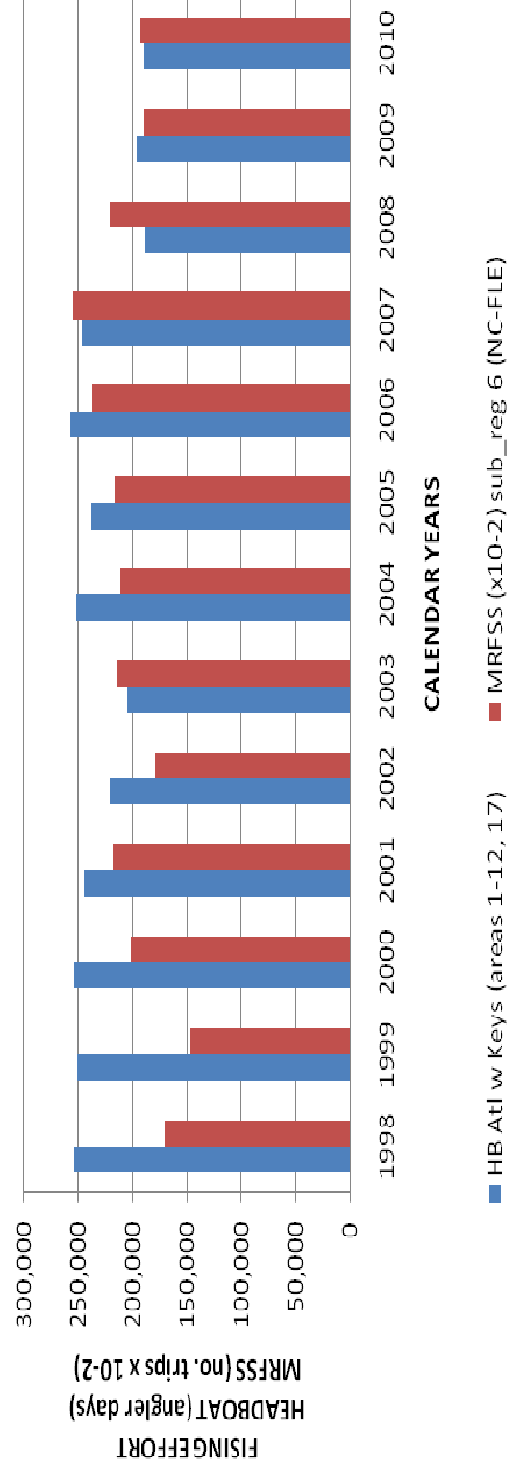
Gag Grouper Rec Landings

Data for 2010 MRFSS preliminary; HBS data through 2010



NOTE: Combined ACL for gag, black grouper & red grouper aggregate: 648,663 lb gutted wt. (765,422 lb whole wt.)

Rec Fishing Effort





Greater Amberjack Rec Landings*

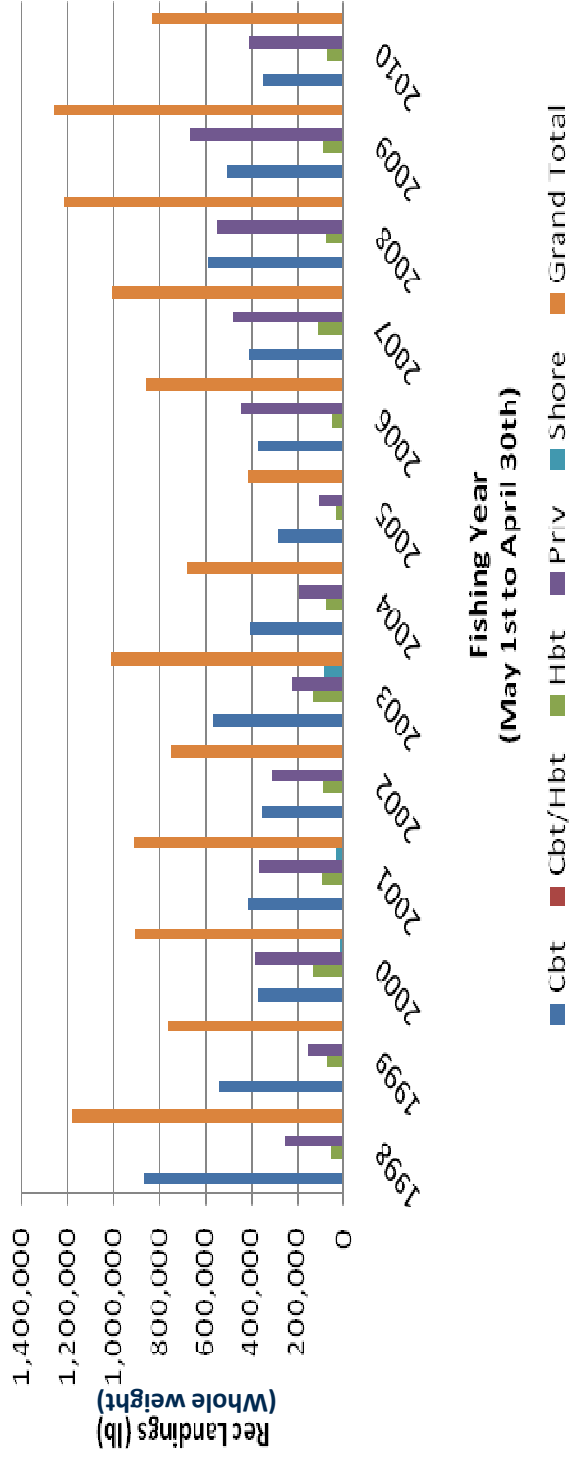
(whole weight, lb)

fish_yr	Cbt	Hbt	Priv	Shore	Grand Total
1998/1999	870,483	56,527	253,873		1,180,883
1999/2000	538,386	72,172	154,919		765,477
2000/2001	371,094	134,104	385,262	15,387	905,846
2001/2002	414,649	92,629	366,847	35,927	910,051
2002/2003	356,023	86,612	310,104		752,739
2003/2004	569,281	135,563	225,231	82,672	1,012,747
2004/2005	407,868	76,091	193,550		677,509
2005/2006	281,615	33,739	100,387		415,741
2006/2007	367,929	48,404	442,792		859,125
2007/2008	414,150	110,915	478,902		1,003,967
2008/2009	591,599	74,284	549,290		1,215,173
2009/2010	506,255	86,987	666,746		1,259,988
2010/2011	347,918	69,695	412,030		829,642

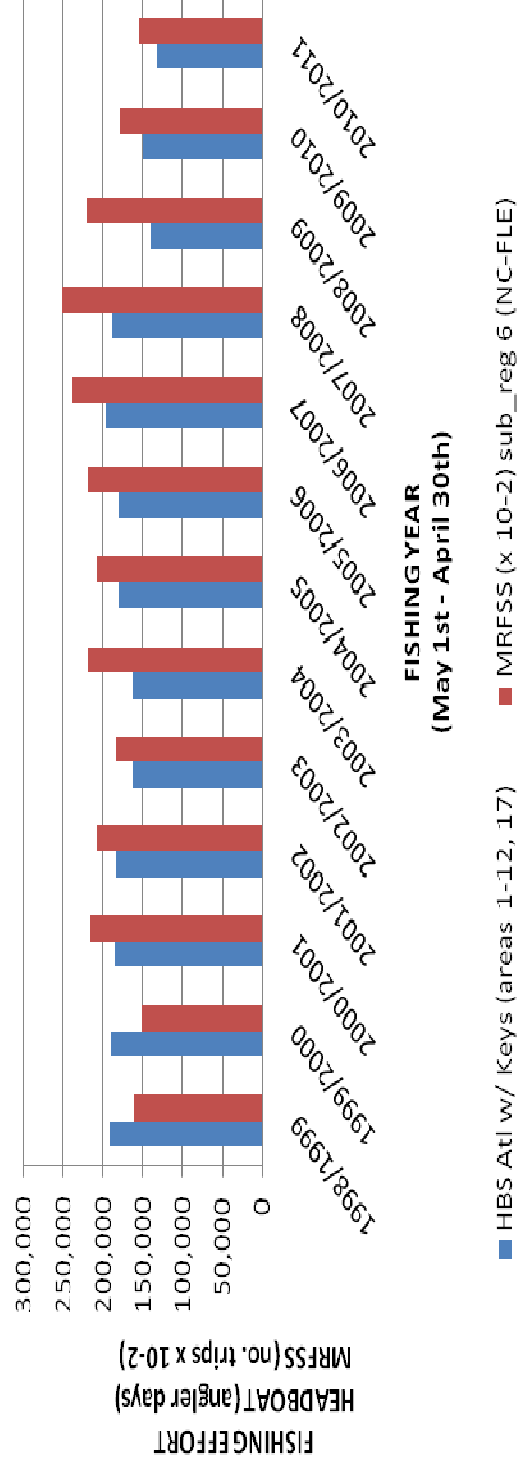
* Area: NC to FLE; Data for 2010 provided for MRFSS is preliminary; 2010/2011 fishing year incomplete – Headboat Survey only includes data through 2010; Fishing year is May 1 to April 30

Greater Amberjack Rec Landings

Data for 2010 MRFSS preliminary; HBS data through 2010



Rec Fishing Effort



Fishing year 2010-2011 incomplete; only includes data through 2010



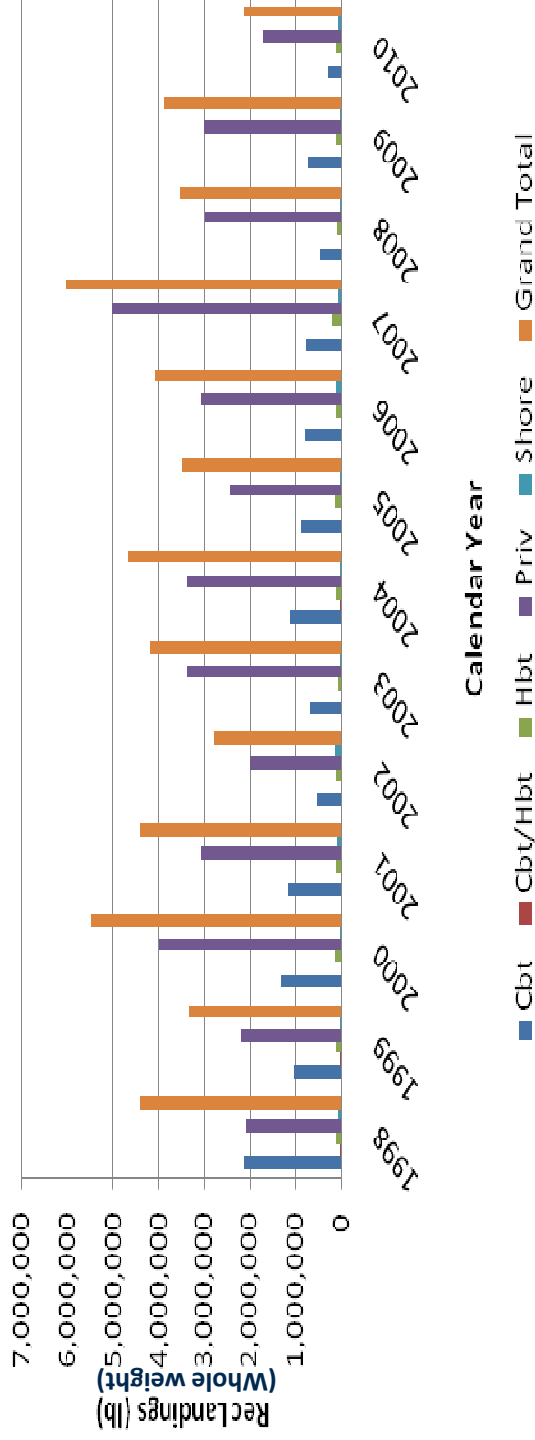
King Mackerel Rec Landings* (whole weight, lb)

fish_yr	Cbt	Cbt/Hbt	Hbt	Priv	Shore	Grand Total
1998	2,142,363	16,054	121,795	2,073,287	52,435	4,405,934
1999	1,027,299	3,751	133,771	2,180,119	14,057	3,358,997
2000	1,321,630		149,796	3,984,041	18,187	5,473,655
2001	1,149,348		103,118	3,062,376	89,598	4,404,439
2002	518,957		93,290	2,000,759	148,070	2,761,075
2003	696,146		65,199	3,388,192	16,426	4,165,962
2004	1,128,628	217	120,200	3,363,879	26,409	4,639,332
2005	869,573		148,768	2,452,023	7,783	3,478,146
2006	779,049		132,494	3,056,802	93,282	4,061,628
2007	761,542		201,668	5,020,419	53,217	6,036,847
2008	438,353		84,836	2,990,512	13,250	3,526,952
2009	732,701		109,870	3,002,314	39,028	3,883,913
2010	288,043		97,171	1,712,170	51,330	2,148,714

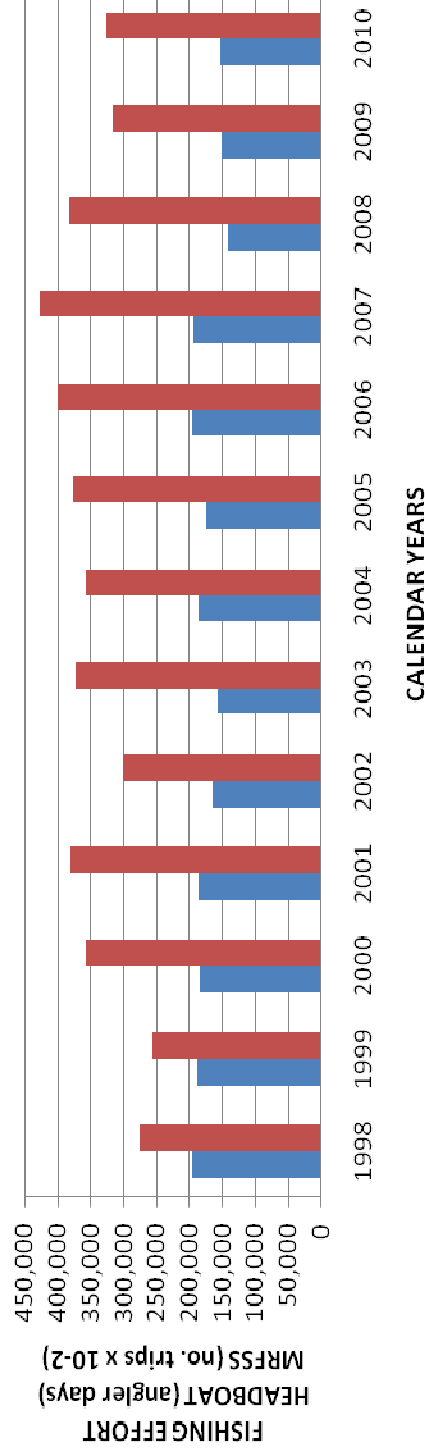
* Area: NY to FLE; Data for 2010 provided for MRFSS is preliminary; Headboat Survey data through 2010; Migratory group: Atlantic (NY-GA year-round; FLE summer Apr-Oct)

King Mackerel Rec Landings

Data for 2010 MRFSS preliminary; HBS data through 2010



Rec Fishing Effort





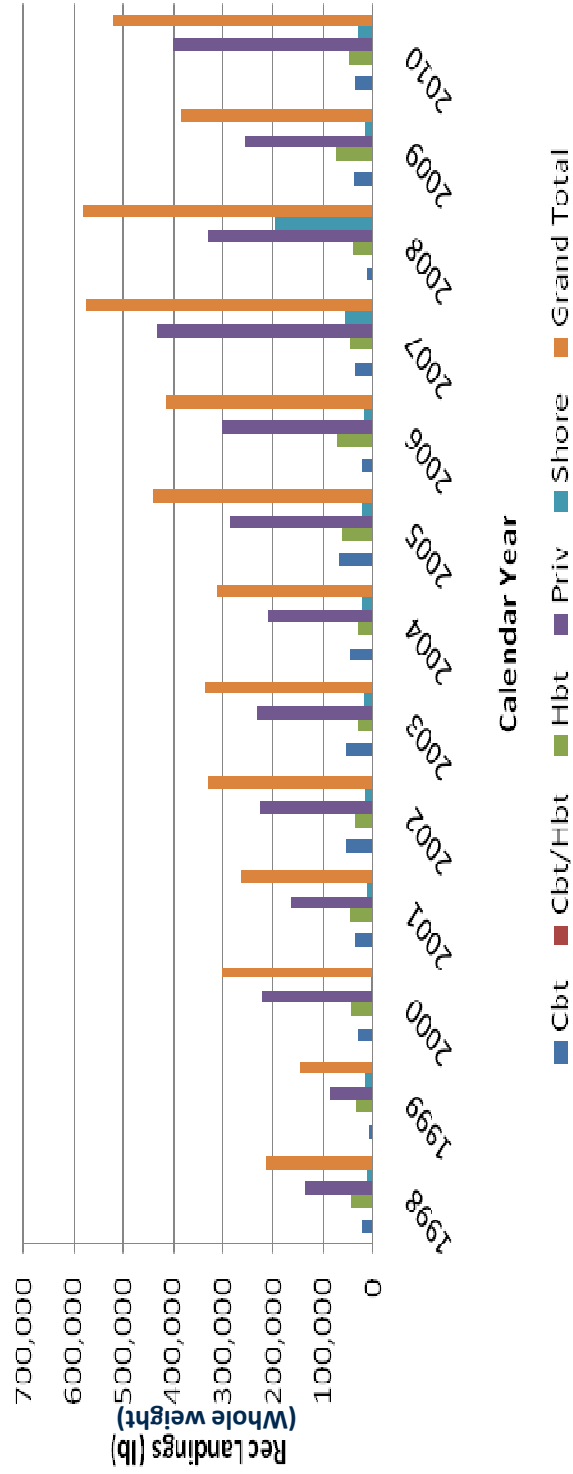
Mutton Snapper Rec Landings (whole weight, lb)

fish_yr	Cbt	Hbt	Priv	Shore	Grand Total
1998	24,040	43,360	134,543	15,110	217,053
1999	7,842	33,376	87,774	17,536	146,527
2000	31,209	42,861	222,704	4,972	301,745
2001	36,123	46,284	164,652	15,144	262,203
2002	52,503	35,783	224,932	16,552	329,771
2003	52,590	32,489	232,668	19,737	337,483
2004	46,241	32,304	210,608	23,720	312,873
2005	68,249	61,506	288,069	23,457	441,281
2006	24,914	70,026	302,491	19,337	416,768
2007	35,435	46,974	433,563	56,649	572,621
2008	14,326	42,220	328,211	195,249	580,007
2009	39,925	72,386	254,811	15,490	382,613
2010	35,244	49,645	401,987	31,857	518,733

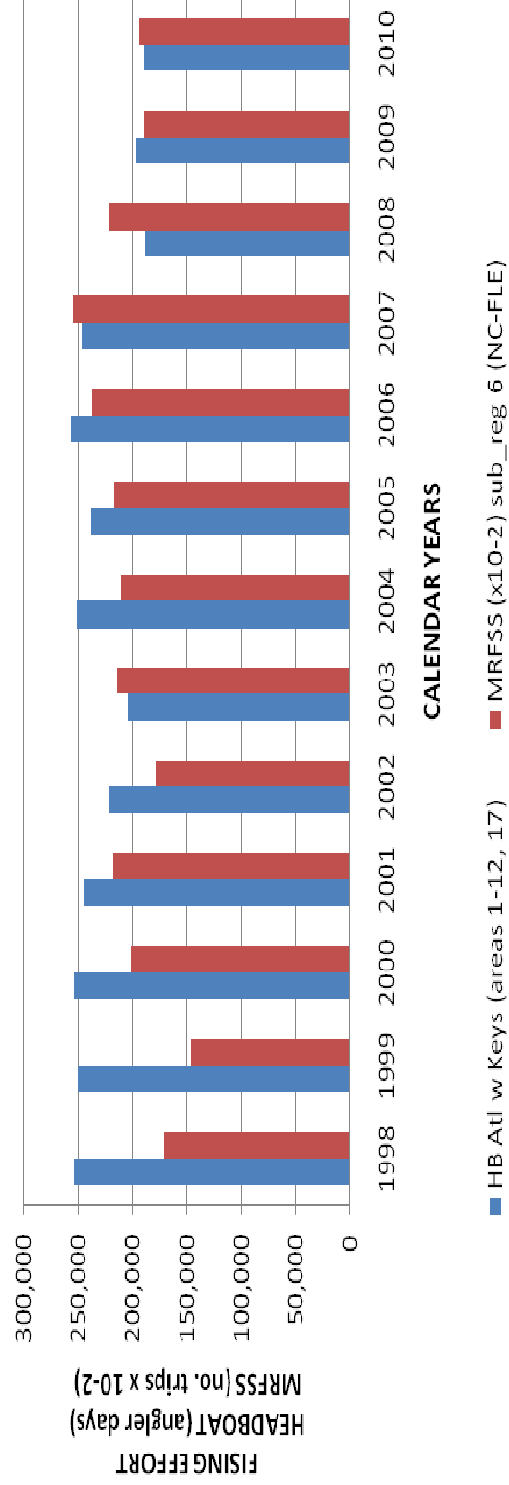
* Area: NC to FLE; Data for 2010 provided for MRFSS is preliminary; Headboat Survey data through 2010

Mutton Snapper Rec Landings

Data for 2010 MRFSS preliminary; HBS data through 2010



Rec Fishing Effort





Red Porgy Rec Landings (whole weight, lb)

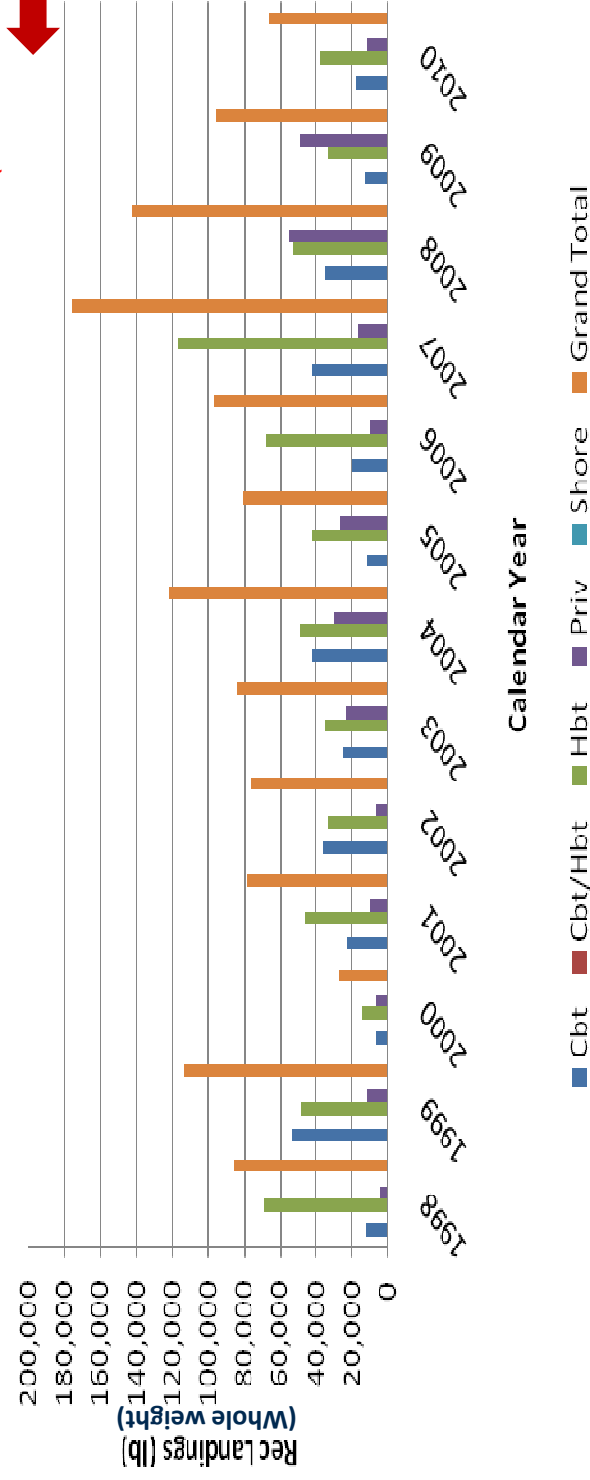
fish_yr	Cbt	Hbt	Priv	Grand Total
1998	12,072	69,262	4,039	85,373
1999	52,997	48,656	11,700	113,353
2000	6,851	13,906	6,434	27,191
2001	22,585	46,308	9,843	78,736
2002	36,226	33,341	6,708	76,275
2003	25,357	34,742	23,848	83,948
2004	42,299	49,308	29,931	121,539
2005	11,613	42,143	26,668	80,424
2006	19,437	67,679	10,183	97,299
2007	42,452	117,254	16,473	176,180
2008	34,806	52,598	54,961	142,365
2009	12,720	33,752	49,300	95,772
2010	17,667	37,413	11,208	66,287

* Area: NC to FLE; Data for 2010 provided for MRFSS is preliminary; Headboat Survey data through 2010

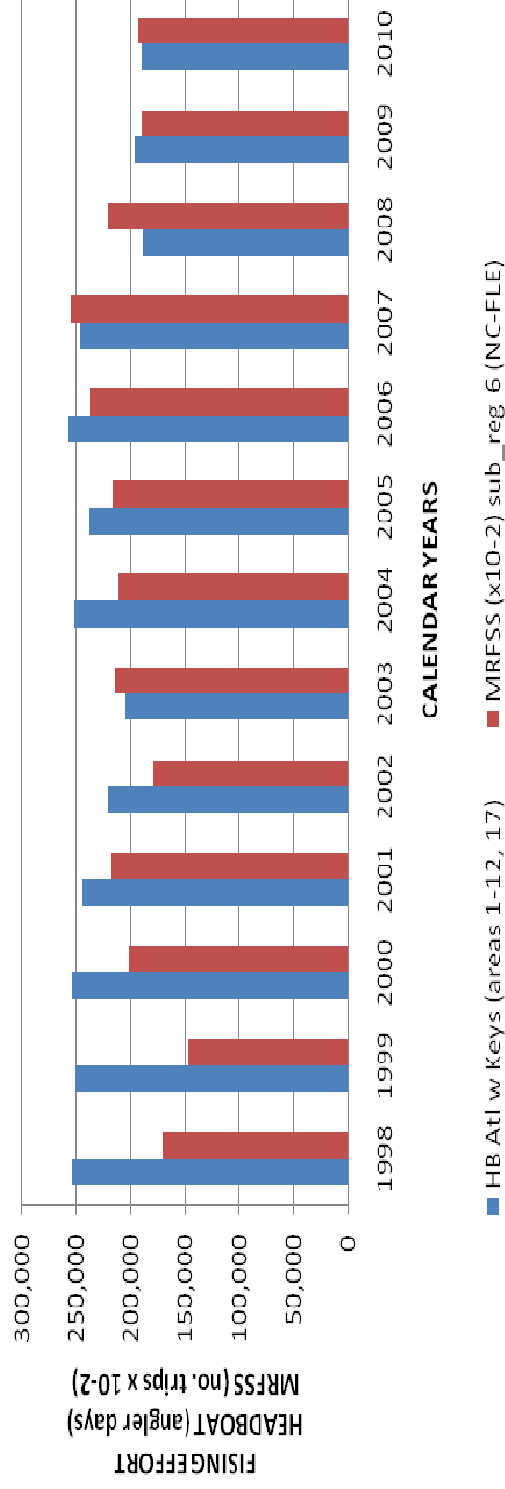
Red Porgy Rec Landings

Data for 2010 MRFSS preliminary; HBS data through 2010

ACL 190,050 lb gutted wt.
(197,657 lb whole wt.)



Rec Fishing Effort





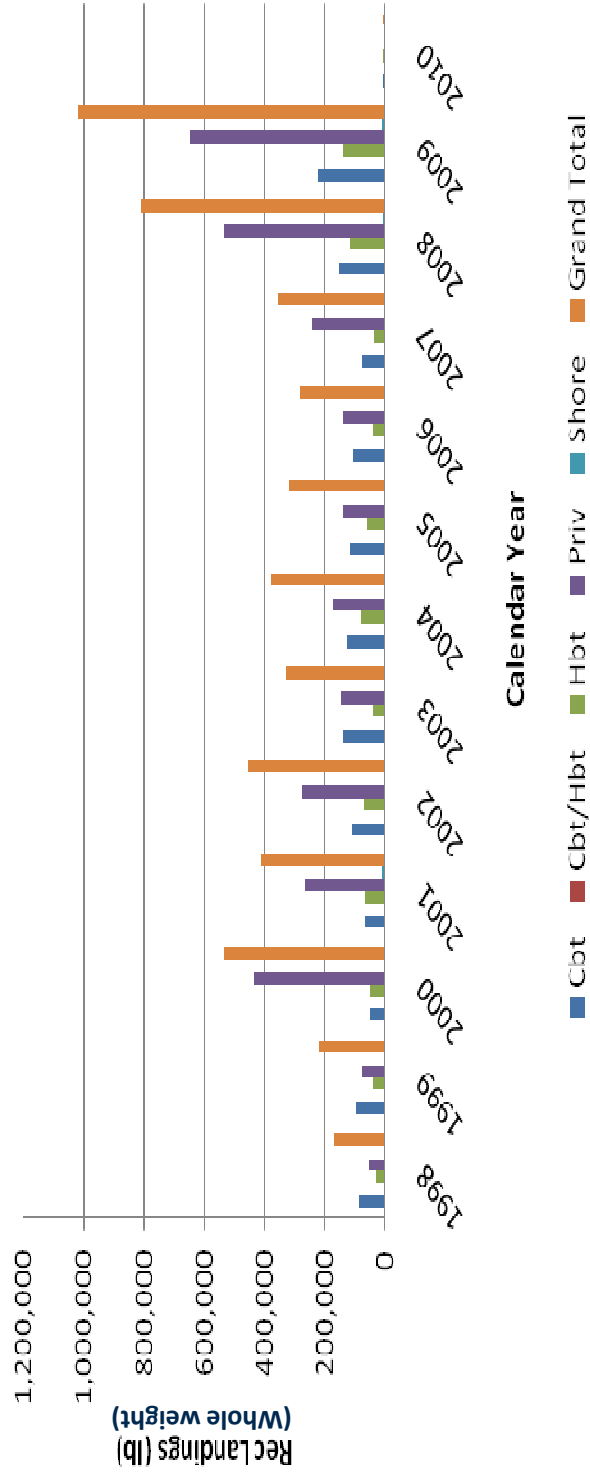
Red Snapper Rec Landings (whole weight, lb)

fish_yr	Cbt	Hbt	Priv	Shore	Grand Total
1998	87,446	26,848	54,110	0	168,404
1999	97,079	43,558	75,771	0	216,408
2000	50,497	49,403	434,004	0	533,904
2001	65,238	68,384	267,071	10,510	411,203
2002	108,031	70,796	274,868		453,695
2003	141,010	41,353	147,192	0	329,555
2004	125,308	80,349	173,137	0	378,793
2005	116,716	58,695	139,542	0	314,953
2006	102,598	41,432	138,922		282,952
2007	76,691	37,460	243,751	0	357,902
2008	151,987	115,308	534,874	6,967	809,135
2009	223,559	141,086	645,653	9,677	1,019,975
2010	205	2,610	0		2,814

* Area: NC to FLE; Data for 2010 provided for MRFSS is preliminary; Headboat Survey data through 2010

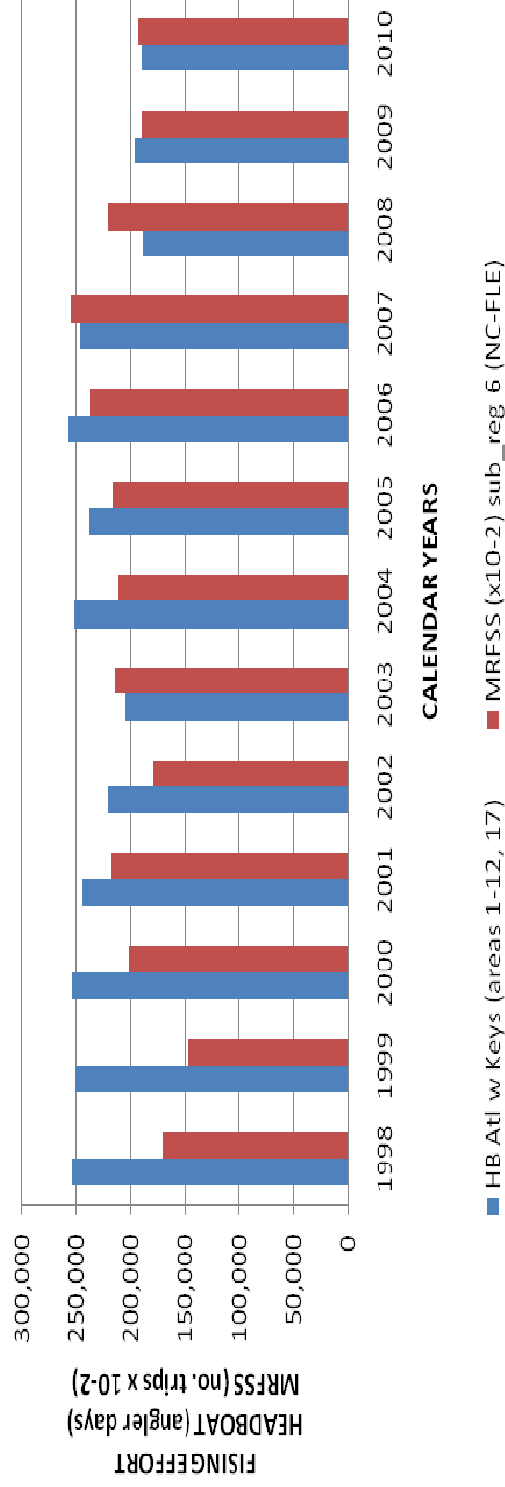
Red Snapper Rec Landings

Data for 2010 MRFSS preliminary; HBS data through 2010



ACL = 0

Rec Fishing Effort





Snowy Grouper Rec Landings

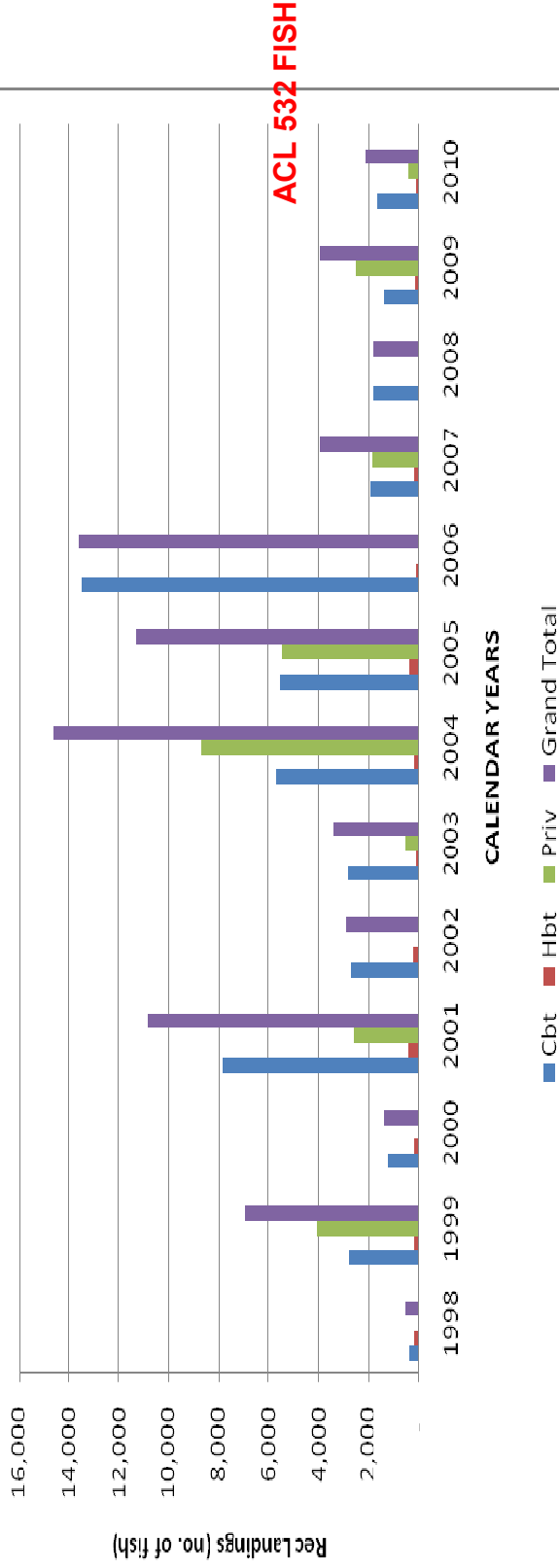
(number of fish)

fish_yr	Cbt	Hbt	Priv	Grand Total
1998	351	172		523
1999	2,760	142	4,073	6,974
2000	1,191	178	-	1,369
2001	7,821	411	2,569	10,801
2002	2,709	200	-	2,909
2003	2,807	66	519	3,392
2004	5,715	180	8,704	14,599
2005	5,513	347	5,423	11,282
2006	13,487	97		13,584
2007	1,933	173	1,838	3,944
2008	1,770	53	-	1,823
2009	1,347	108	2,478	3,933
2010	1,665	77	396	2,138

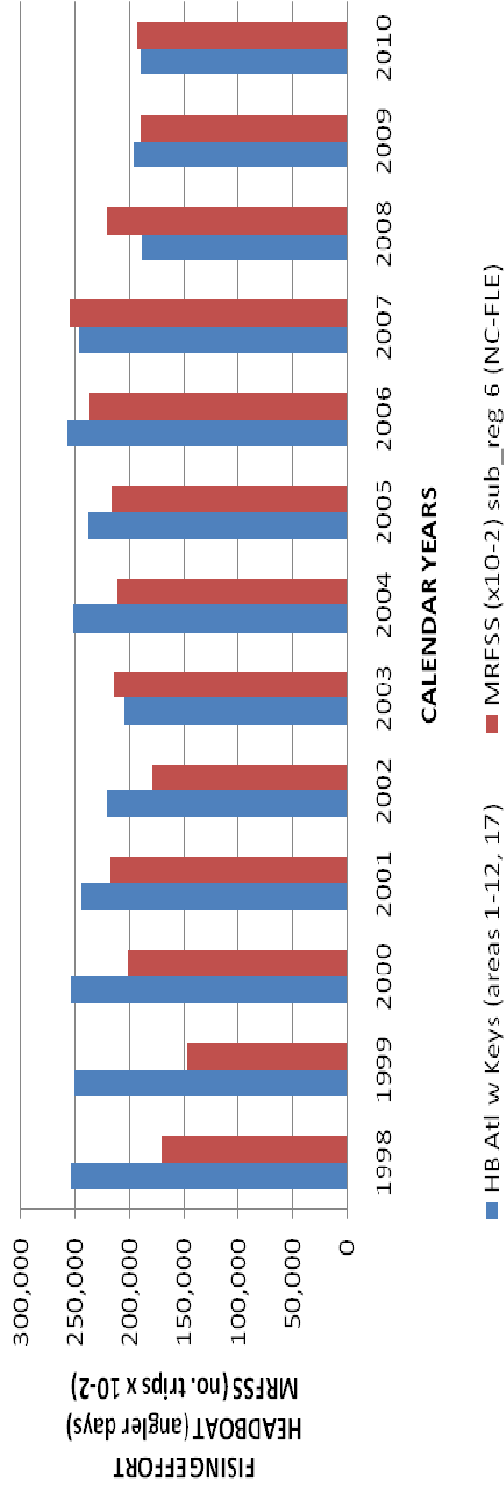
* Area: NC to FLE; Data for 2010 provided for MRFSS is preliminary; Headboat Survey data through 2010

Snowy Grouper Rec Landings

Data for 2010 MRFSS preliminary; HBS data through 2010



Rec Fishing Effort





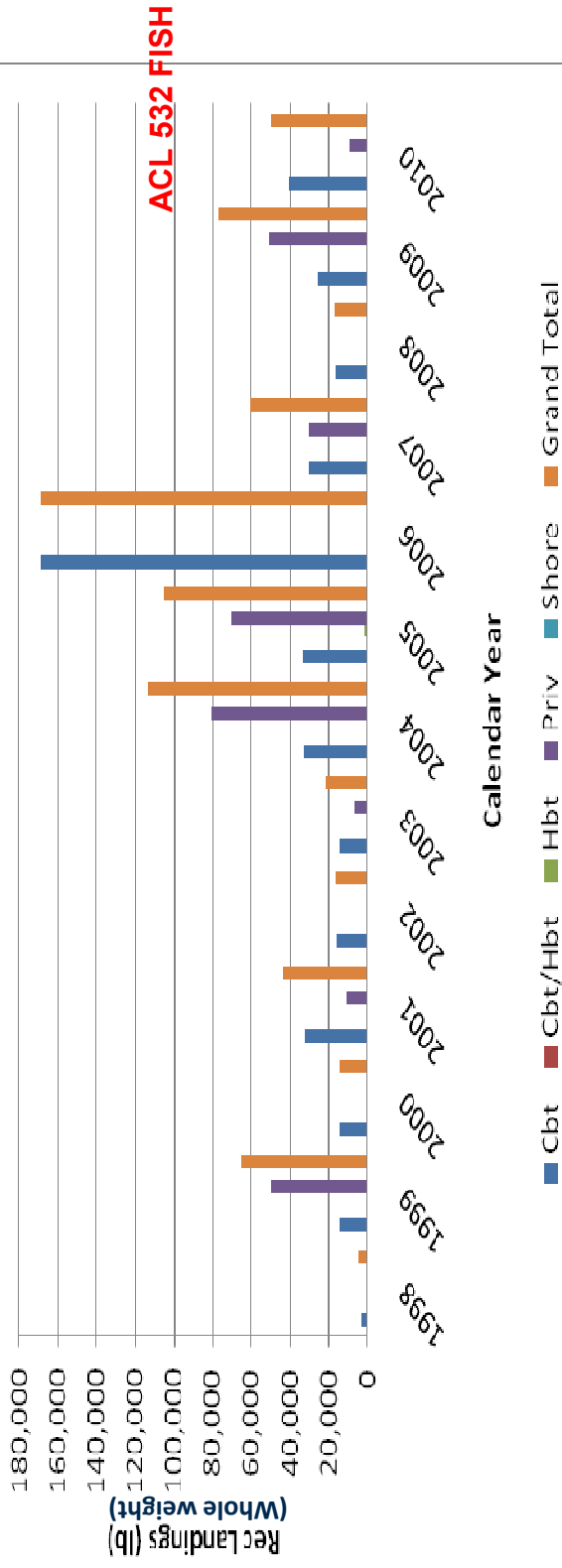
Snowy Grouper Rec Landings (whole weight, lb)

fish_yr	Cbt	Hbt	Priv	Grand Total
1998	3,582	1,299		4,880
1999	14,954	515	49,921	65,391
2000	14,499	513	0	15,012
2001	32,218	953	10,277	43,448
2002	15,993	578	0	16,571
2003	14,709	467	6,689	21,865
2004	32,493	382	80,723	113,598
2005	33,468	1,617	69,892	104,976
2006	168,668	669		169,337
2007	30,166	283	30,537	60,985
2008	16,815	91	0	16,905
2009	25,968	204	51,001	77,173
2010	40,634	139	9,175	49,947

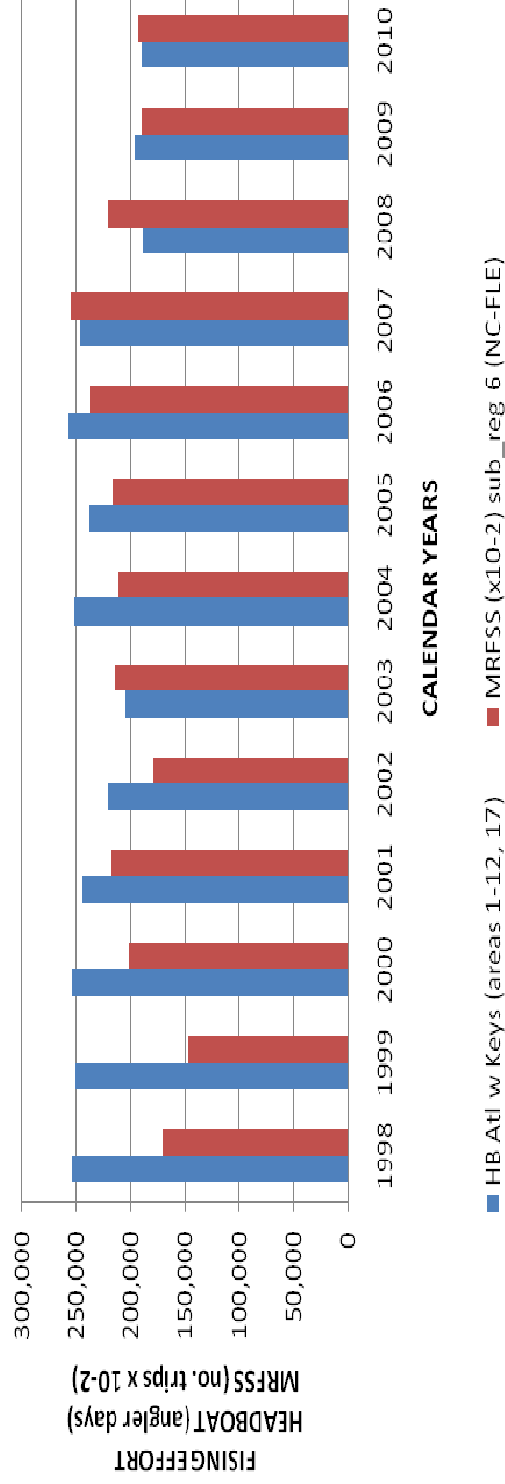
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Snowy Grouper Rec Landings

Data for 2010 MRFSS preliminary; HBS data through 2010



Rec Fishing Effort





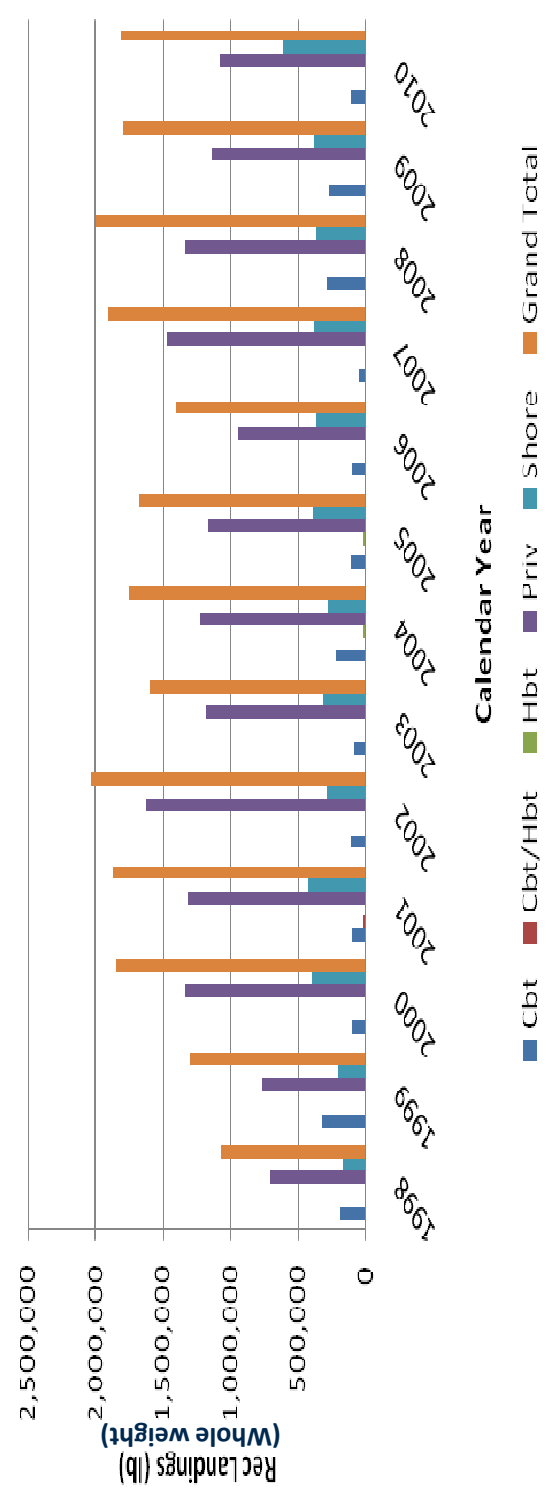
Spanish Mackerel Rec Landings (whole weight, lb)

fish_yr	Cbt	Cbt/Hbt	Hbt	Priv	Shore	Grand Total
1998	182,762	6,175	6,225	704,466	173,450	1,073,078
1999	327,640	627	9,345	766,385	198,371	1,302,368
2000	101,810	10,864	3,896	1,336,521	395,195	1,848,286
2001	108,042	12,740	10,723	1,318,867	427,203	1,877,575
2002	114,273	0	5,435	1,627,383	295,055	2,042,146
2003	90,529	2,710	2,828	1,186,880	318,783	1,601,731
2004	219,790	1,171	15,607	1,228,775	285,426	1,750,770
2005	112,548		11,500	1,171,347	386,521	1,681,915
2006	103,206		4,180	937,771	361,851	1,407,008
2007	51,098		6,556	1,471,215	382,605	1,911,474
2008	287,616		8,066	1,340,610	365,190	2,001,482
2009	272,494		10,603	1,136,259	376,713	1,796,069
2010	109,556		5,972	1,080,062	613,935	1,809,525

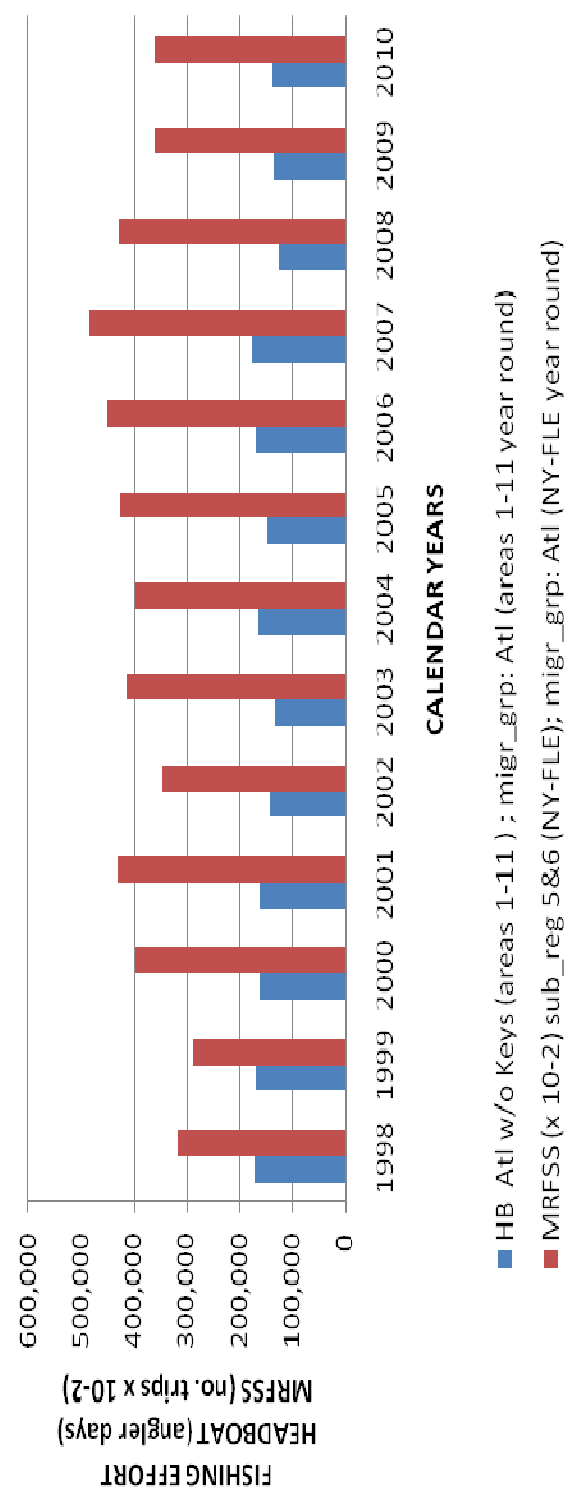
* Area: NY to FLE; Atlantic (NY-FLE year-round); Data for 2010 provided for MRFSS is preliminary;
Headboat Survey data through 2010

Spanish Mackerel Rec Landings

Data for 2010 MRFSS preliminary; HBS data through 2010



Rec Fishing Effort





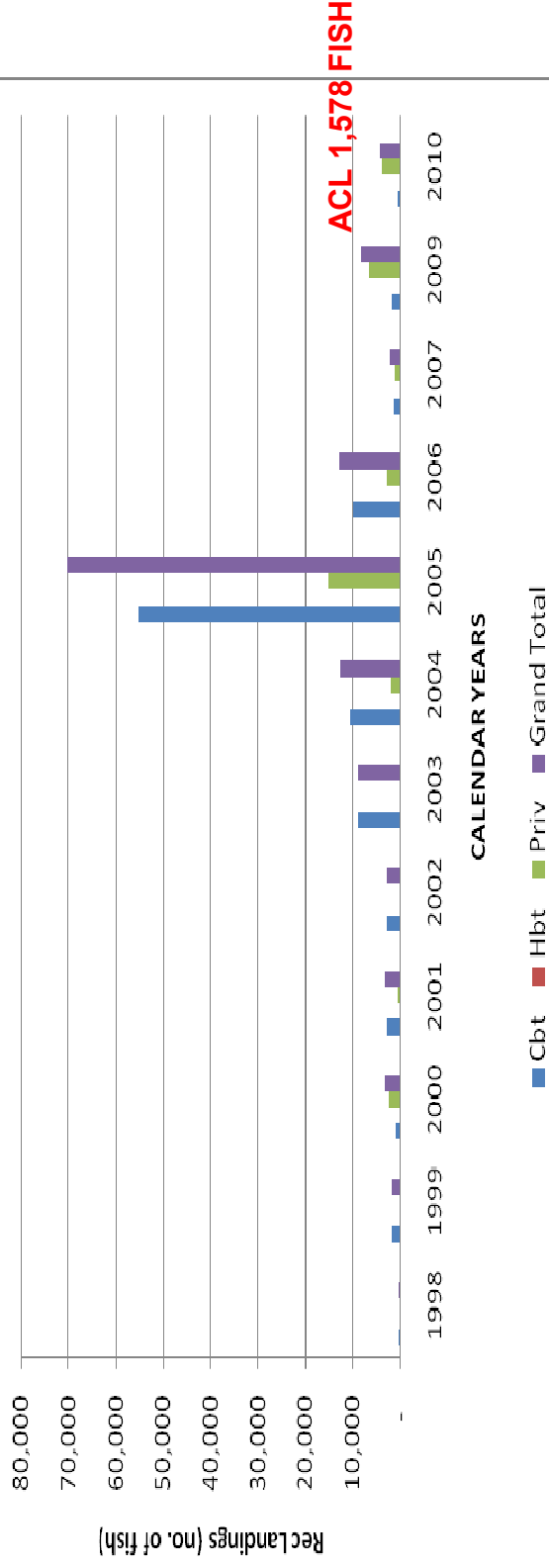
Golden Tilefish Rec Landings (number of fish)

fish_yr	Cbt	Hbt	Priv	Grand Total
1998	291			291
1999	1,716	5		1,721
2000	796		2,410	3,207
2001	2,607		687	3,294
2002	2,515			2,515
2003	8,892		-	8,892
2004	10,441		1,939	12,380
2005	55,188		15,116	70,304
2006	10,063		2,659	12,723
2007	1,222		943	2,165
2009	1,678		6,454	8,132
2010	511		3,879	4,391

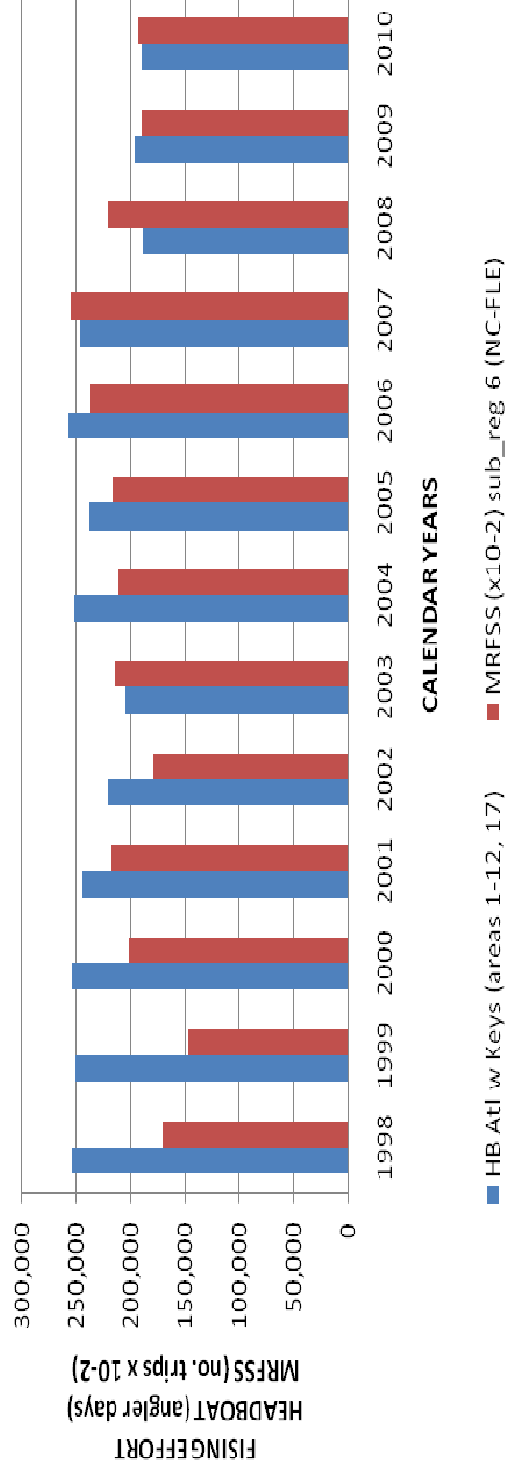
* Area: NC to FLE; Data for 2010 provided for MRFSS is preliminary; 2010/2011 fishing year incomplete – Headboat Survey only includes data through 2010

Golden Tile Fish Rec Landings

Data for 2010 MRFSS preliminary; HBS data through 2010



Rec Fishing Effort





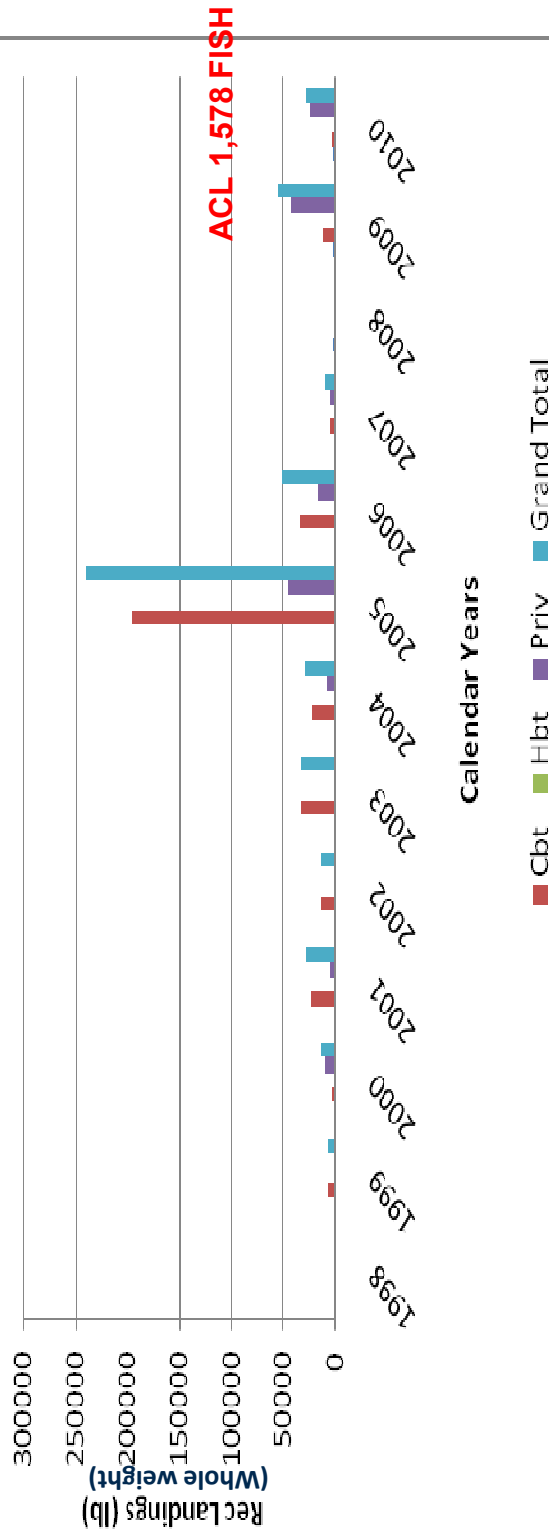
Golden Tilefish Rec Landings (whole weight, lb)

fish_yr	Cbt	Hbt	Priv	Grand Total
1998	1,389			1,389
1999	7,029	8		7,038
2000	3,134		9,845	12,978
2001	23,083		5,271	28,354
2002	12,660			12,660
2003	32,606		0	32,606
2004	21,929		7,758	29,687
2005	195,807		44,433	240,240
2006	33,908		17,168	51,076
2007	4,993		4,782	9,775
2009	12,300		42,213	54,514
2010	3,078		24,669	27,747

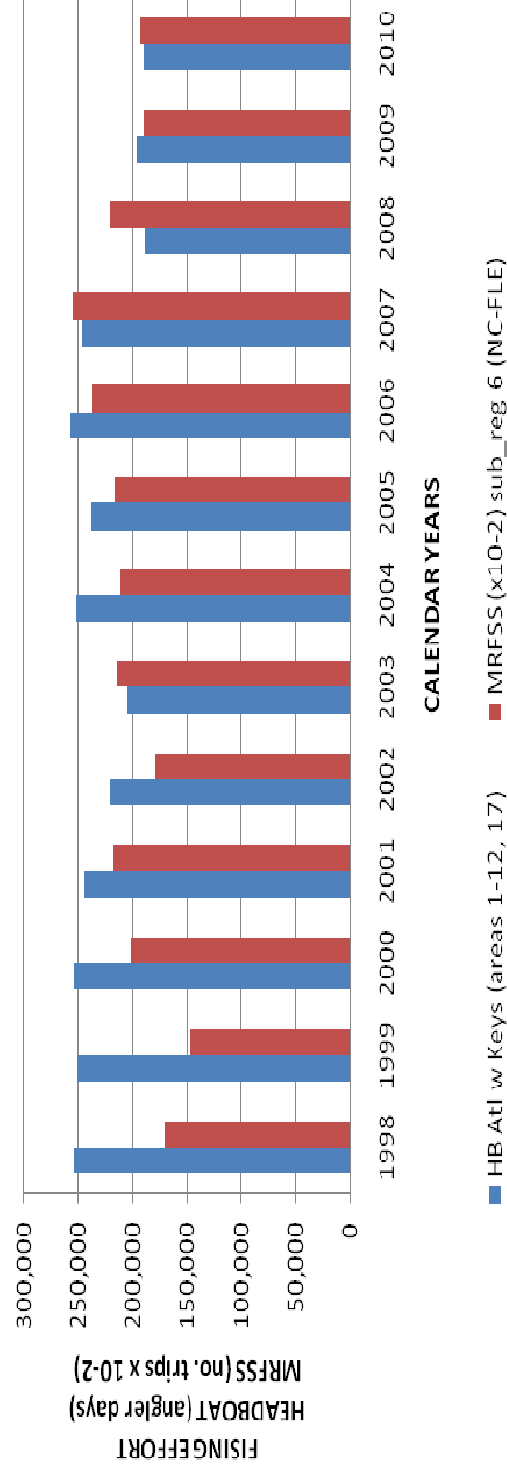
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Golden Tilefish Rec Landings

Data for 2010 MRFSS preliminary; HBS data through 2010



Rec Fishing Effort





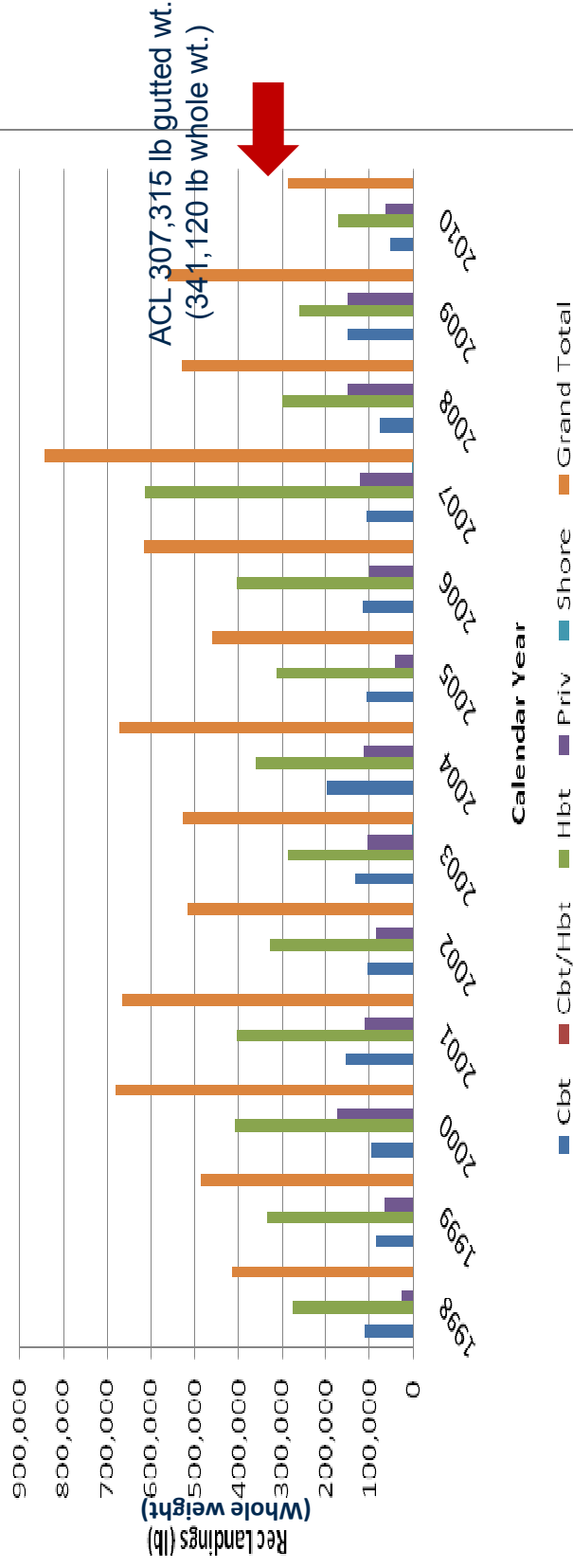
Vermilion Snapper Rec Landings (whole weight, lb)

fish_yr	Cbt	Hbt	Priv	Shore	Grand Total
1998	110,382	275,492	28,541		414,414
1999	85,806	335,732	65,330		486,867
2000	96,543	406,785	176,001		679,330
2001	154,159	402,620	109,867		666,647
2002	103,351	326,447	86,628		516,426
2003	133,446	287,444	103,598	973	525,461
2004	197,148	361,562	113,529		672,239
2005	105,681	311,977	40,666		458,324
2006	115,251	402,351	98,671	0	616,273
2007	107,096	613,765	122,041	873	843,775
2008	76,672	301,175	149,673		527,520
2009	150,941	261,107	149,980		562,027
2010	52,366	169,859	64,385		286,610

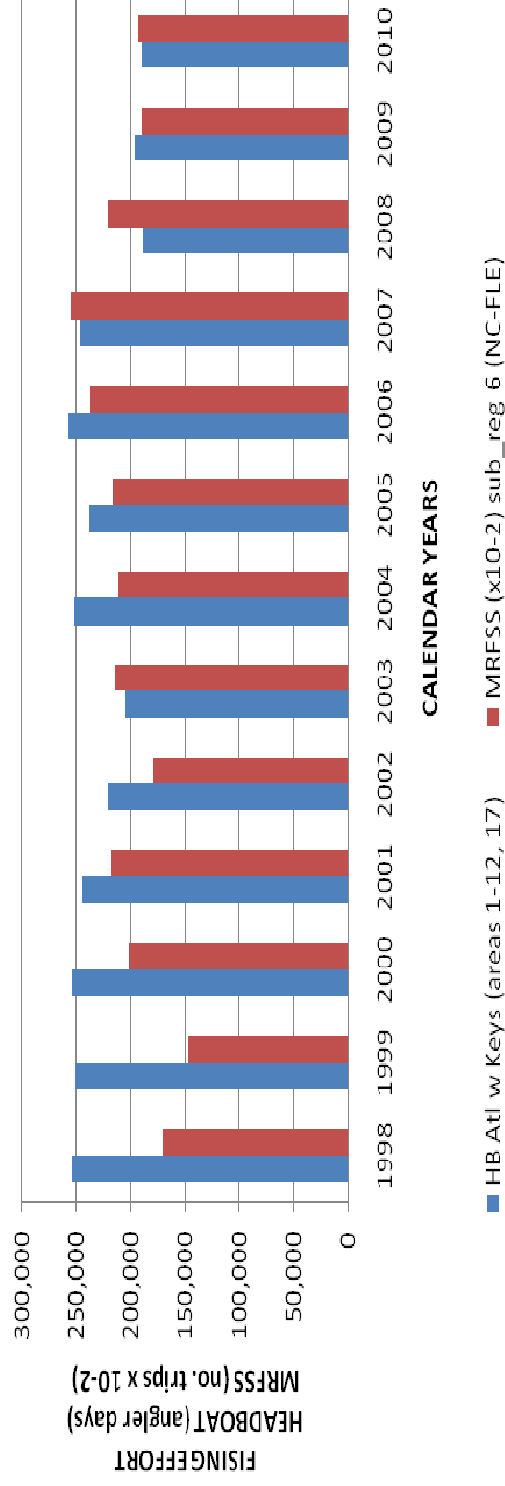
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Vermilion Snapper Rec Landings

Data for 2010 MRFSS preliminary; HBS data through 2010



Rec Fishing Effort





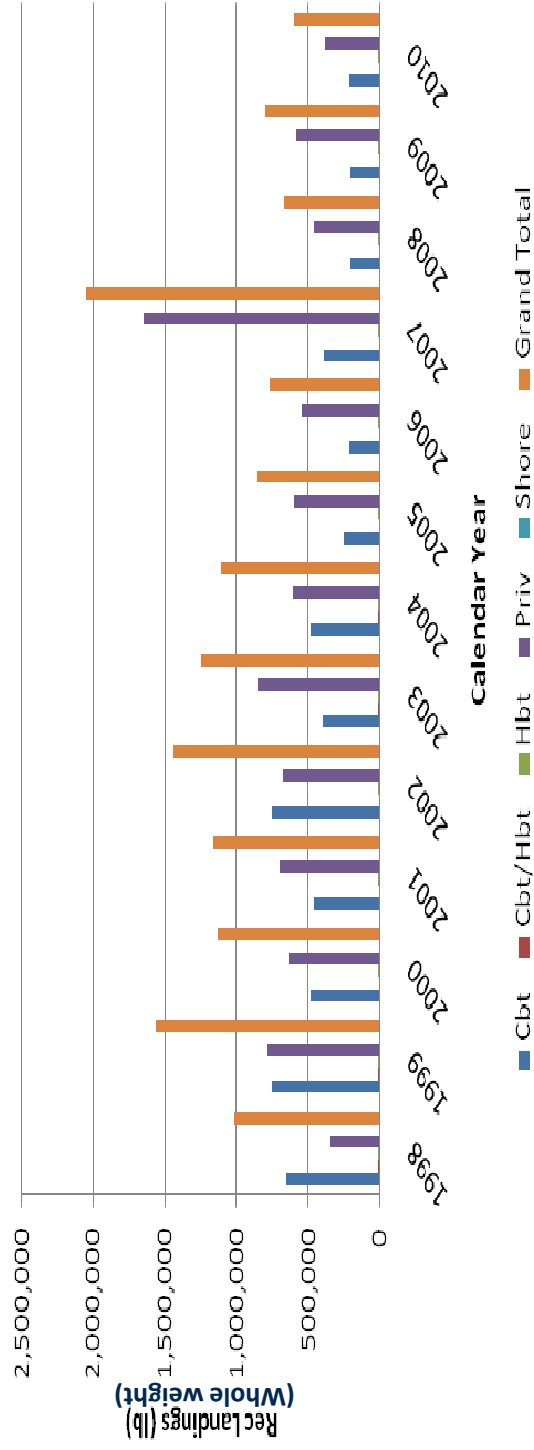
Wahoo Rec Landings (whole weight, lb)

fish_yr	Cbt	Cbt/Hbt	Hbt	Priv	Grand Total
1998	651,202	19,669	2,549	348,959	1,022,379
1999	758,166	16,762	5,358	784,753	1,565,039
2000	482,750		5,467	639,889	1,128,106
2001	457,466		863	701,917	1,160,247
2002	756,379		4,881	676,732	1,437,991
2003	400,194	3,360	623	847,598	1,251,775
2004	479,403	10,169	5,216	611,024	1,105,811
2005	252,441		5,790	600,079	858,310
2006	219,287		3,001	546,314	768,602
2007	391,288		10,278	1,649,416	2,050,983
2008	206,539		2,767	457,069	666,375
2009	208,835		3,369	583,845	796,050
2010	214,055		4,606	385,153	603,814

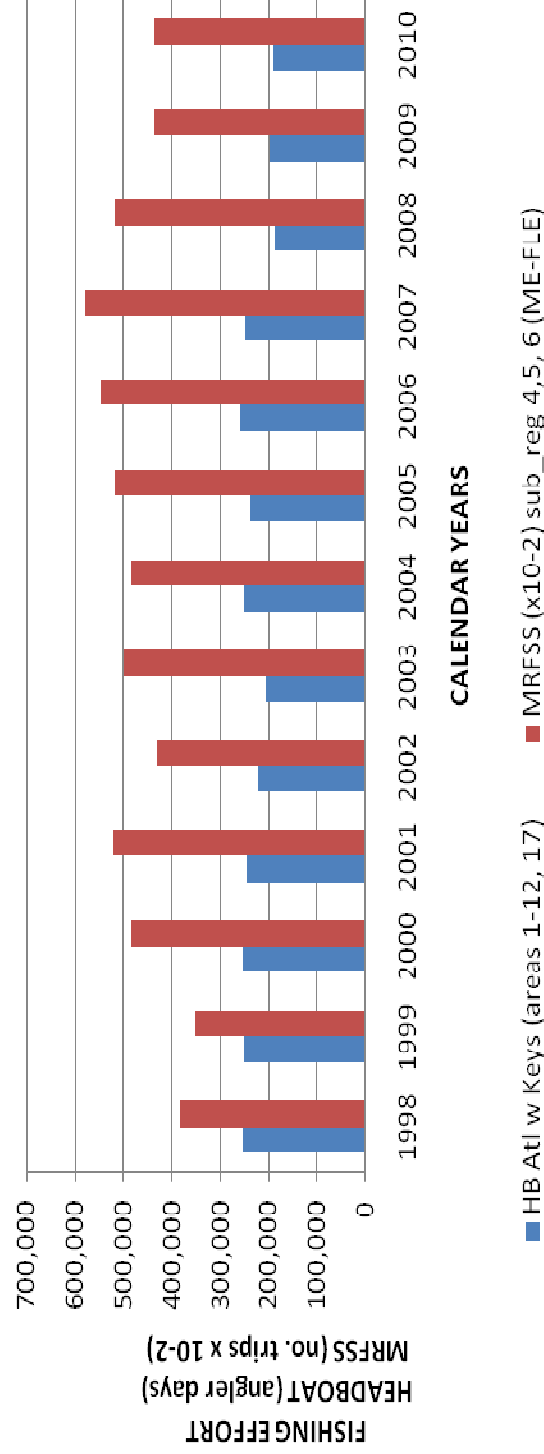
* Area: ME to FLE; Data for 2010 provided for MRFSS is preliminary; Headboat Survey data through 2010

Wahoo Rec Landings

Data for 2010 MRFSS preliminary; HBS data through 2010



Rec Fishing Effort





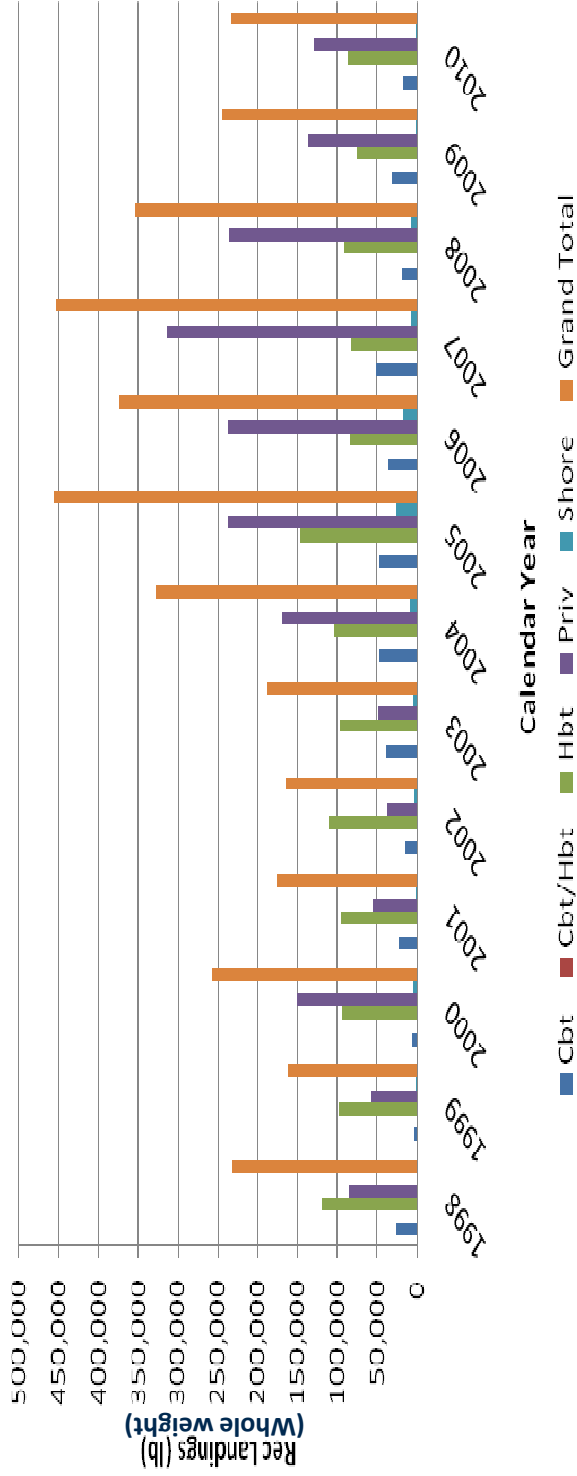
Yellowtail Snapper Rec Landings (whole weight, lb)

fish_yr	Cbt	Hbt	Priv	Shore	Grand Total
1998	25,672	119,808	85,180	0	230,659
1999	3,983	98,905	57,996	981	161,864
2000	5,409	94,696	151,857	5,270	257,232
2001	22,407	96,209	54,889	2,108	175,612
2002	13,978	110,374	36,652	4,022	165,026
2003	38,673	96,406	48,491	4,386	187,955
2004	47,436	103,518	168,310	8,269	327,533
2005	47,200	147,470	236,427	24,962	456,060
2006	35,949	83,329	236,859	17,227	373,364
2007	51,255	81,889	313,713	7,412	454,269
2008	18,921	91,142	235,087	7,778	352,929
2009	32,126	75,073	135,817	1,343	244,359
2010	16,715	85,552	129,584	1,232	233,083

* Area: NC to FLE; Data for 2010 provided for MRFSS is preliminary; Headboat Survey data through 2010

Yellowtail Snapper Rec Landings

Data for 2010 MRFSS preliminary; HBS data through 2010



Rec Fishing Effort

