

## Attachment 6c: Snapper Grouper Summary Statistics 1999-2013

### Background:

Per Council's request, staff prepared an analysis of snapper grouper summary statistics demonstrating landings, ex-vessel revenue, and effort in the fishery for 1999-2013.

**Table 1** is an updated analysis of Table 3-5a from Snapper Grouper Amendment 13C (see attachment 6a). Table 1 updates these data for 1999-2003 and provides additional data for 2004-2013 using 2013 dollars for revenue. This is for the commercial fishery only. Items for consideration when interpreting Table 1 include:

- Approximately 35-40% of permit holders are catching roughly 1,000 lbs of snapper grouper per year or less.
- Approximately 15% of permit holders are landing less than 100 lbs (including those permit holders who landed 0 pounds.)
- See the additional notes included with the table for data sources.

**Table 2** is an updated analysis of potential average landings by vessel and values for different prices per pound of snapper grouper species based on the number of vessels, Potential Optimum Yield (POY) and the current snapper grouper total Annual Catch Limit (ACL). This is for the commercial fishery only. Table 2 updates an analysis conducted in 2008 by Council staff for the Limited Access Privilege Program workgroup (see Attachment 6b).

Items for consideration when interpreting Table 2 include:

- The POY used in this analysis was taken from an analysis conducted for the Council Visioning Workshop held in October 2014 to help characterize future growth potential in the snapper grouper fishery (see Attachment 6d). The POY is a rough calculation to be used only as a tool for discussion to provide some indication of stocks and sectors offering the potential for increased future yield.
- The POY shows what the fishery could support if everything was recovered and all fisheries were fished to OY.
- The current analysis calculated how many vessels could reasonably participate given the current total ACL for all snapper grouper species combined. This shows what the fishery can support today.
- The analysis was conducted assuming fishery participants had income from the snapper grouper fishery only and does not consider participants that fish in other fisheries or have other part-time sources of income.

### Attachment 6c: Snapper Grouper Summary Statistics 1999-2013

**Table 1. Snapper grouper fishery summary statistics in the South Atlantic: annual landings, ex-vessel revenue, and effort - 1999-2003**

Source: Southeast logbook (SEFSC, Beaufort Lab, NMFS) and Southeast permits database (SERO, NMFS).

Item	1999	2000	2001	2002	2003
Snapper grouper landings	7,704,007	7,679,823	7,562,215	6,554,073	5,753,295
Ex-vessel revenue from the snapper grouper fishery	\$13,996,781	\$14,619,050	\$13,902,225	\$13,625,649	\$12,099,906
Real ex-vessel revenue in \$2013*	\$19,571,717	\$19,777,062	\$18,286,960	\$17,644,193	\$15,319,336
Ex-vessel revenue from all landings in the South Atlantic **	\$202,772,265	\$218,251,010	\$175,665,169	\$170,667,823	\$156,451,803
Ex-vessel revenue from finfish landings in the South Atlantic **	\$58,860,534	\$64,460,694	\$57,621,958	\$57,822,417	\$50,842,307
Number of trips	17,200	16,241	16,922	17,116	16,501
Days fished	29,285	28,913	29,567	29,421	27,358
Average days per trip	1.7	1.78	1.75	1.72	1.66
Price/lb	\$1.82	\$1.90	\$1.84	\$2.08	\$2.10
Real price/lb \$2013*	\$2.54	\$2.58	\$2.42	\$2.69	\$2.66
Number of permitted vessels	1,441	1,341	1,264	1174	1123
Number of vessels with unlimited permits	1,085	1,001	959	907	879
Number of vessels landing snapper grouper species	1,101	1,045	981	978	934
Number of vessels with more than 100 lb of landings	972	920	850	825	788
Number of vessels with more than 1,000 lb of landings	657	606	585	574	533
Number of vessels with more than 5,000 lb of landings	311	304	288	265	259
Number of vessels with more than 10,000 lb of landings	199	195	196	184	156
Number of vessels with more than 50,000 lb of landings	27	26	26	22	14
Number of dealer permits	239	245	252	320	323
Number of processors (snapper grouper species)+	6	11	9		
Number of processors (snapper grouper and unclassified finfish species)+	15	20	17		

**NOTES:** Table updated from SG Am13C

Landings information came from the Southeast logbook. Data from the Gulf of Mexico and other (unknown) states are not included in this table.

However, Monroe County data is included. Also, wreckfish landings are not included.

\* The CPI was used to adjust these values for inflation.

\*\* Data obtained from the NMFS web site.

+Summarized from the NMFS Annual Processor Survey.

### Attachment 6c: Snapper Grouper Summary Statistics 1999-2013

**Table 1 (continued). Snapper grouper fishery summary statistics in the South Atlantic: annual landings, ex-vessel revenue, and effort - 2004-2008**

Source: Southeast logbook (SEFSC, Beaufort Lab, NMFS) and Southeast permits database (SERO, NMFS).

Item	2004	2005	2006	2007	2008
Snapper grouper landings	6,053,131	5,782,527	5,482,851	5,931,175	6,394,924
Ex-vessel revenue from the snapper grouper fishery	\$12,709,024	\$12,996,581	\$13,606,379	\$15,708,482	\$16,688,284
Real ex-vessel revenue in \$2013*	\$15,673,140	\$15,502,532	\$15,722,725	\$17,649,106	\$18,056,657
Ex-vessel revenue from all landings in the South Atlantic **	\$159,255,593	\$131,298,038	\$140,443,403	\$152,400,186	\$165,871,739
Ex-vessel revenue from finfish landings in the South Atlantic **	\$59,824,194	\$56,786,877	\$60,457,359	\$61,329,879	\$60,794,219
Number of trips	15,048	13,754	13,221	14,868	14,755
Days fished	24,821	22,793	23,159	24,436	24,867
Average days per trip	1.65	1.66	1.75	1.64	1.69
Price/lb	\$2.10	\$2.25	\$2.48	\$2.65	\$2.61
Real price/lb \$2013*	\$2.59	\$2.68	\$2.87	\$2.98	\$2.82
Number of permitted vessels	1066	1007	974	877	815
Number of vessels with unlimited permits	841	801	783	718	664
Number of vessels landing snapper grouper species	908	859	872	895	914
Number of vessels with more than 100 lb of landings	747	719	703	735	746
Number of vessels with more than 1,000 lb of landings	506	459	433	463	467
Number of vessels with more than 5,000 lb of landings	248	224	210	234	237
Number of vessels with more than 10,000 lb of landings	155	142	145	155	166
Number of vessels with more than 50,000 lb of landings	22	22	21	22	23
Number of dealer permits	299	261	300	317	297
Number of processors (snapper grouper species)+					
Number of processors (snapper grouper and unclassified finfish species)+					

**NOTES:** Table updated from SG Am13C

Landings information came from the Southeast logbook. Data from the Gulf of Mexico and other (unknown) states are not included in this table.

However, Monroe County data is included. Also, wreckfish landings are not included.

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+Summarized from the NMFS Annual Processor Survey.

### Attachment 6c: Snapper Grouper Summary Statistics 1999-2013

**Table 1 (continued). Snapper grouper fishery summary statistics in the South Atlantic: annual landings, ex-vessel revenue, and effort - 2009-2013**

Source: Southeast logbook (SEFSC, Beaufort Lab, NMFS) and Southeast permits database (SERO, NMFS).

Item	2009	2010	2011	2012	2013
Snapper grouper landings	6,800,099	6,267,335	5,928,033	5,993,705	5,688,092
Ex-vessel revenue from the snapper grouper fishery	\$16,522,048	\$15,303,884	\$15,208,213	\$15,863,327	\$16,184,122
Real ex-vessel revenue in \$2013*	\$17,940,620	\$16,349,684	\$15,750,313	\$16,095,686	\$16,184,122
Ex-vessel revenue from all landings in the South Atlantic **	\$147,338,367	\$165,686,301	\$171,305,618	\$171,358,285	\$161,184,048
Ex-vessel revenue from finfish landings in the South Atlantic **	\$63,111,787	\$65,921,070	\$66,196,146	\$63,927,466	\$60,621,483
Number of trips	15,888	14,041	13,670	13,586	12,912
Days fished	26,529	23,118	22,545	21,802	21,457
Average days per trip	1.67	1.65	1.65	1.60	1.66
Price/lb	\$2.43	\$2.44	\$2.57	\$2.65	\$2.85
Real price/lb \$2013*	\$2.64	\$2.61	\$2.66	\$2.69	\$2.85
Number of permitted vessels	783	763	753	736	723
Number of vessels with unlimited permits	639	624	615	604	593
Number of vessels landing snapper grouper species	936	857	797	809	731
Number of vessels with more than 100 lb of landings	762	691	653	632	611
Number of vessels with more than 1,000 lb of landings	478	450	417	411	396
Number of vessels with more than 5,000 lb of landings	264	249	248	249	233
Number of vessels with more than 10,000 lb of landings	192	168	169	177	166
Number of vessels with more than 50,000 lb of landings	24	23	22	17	14
Number of dealer permits	304	292	281	293	291
Number of processors (snapper grouper species)+					
Number of processors (snapper grouper and unclassified finfish species)+					

**NOTES:** Table updated from SG Am13C

Landings information came from the Southeast logbook. Data from the Gulf of Mexico and other (unknown) states are not included in this table.

However, Monroe County data is included. Also, wreckfish landings are not included.

\* The CPI was used to adjust these values for inflation.

\*\* Data obtained from the NMFS web site.

+Summarized from the NMFS Annual Processor Survey.

**Table 2: Potential average landings by vessel and values for different prices per pound of snapper grouper based on number of vessels, potential OY and current snapper grouper total ACL. (Commercial fishery only)**

	POY = 8,893,136 lbs				Current ACLs = 1,195,513 lbs			
# Vessels	Lbs allocated				Lbs allocated			
	to each vessel	\$2/lb	\$3/lb	\$4/lb	to each vessel	\$2/lb	\$3/lb	\$4/lb
900	9,881	\$19,763	\$29,644	\$39,525	1,328	\$2,657	\$3,985	\$5,313
700	12,704	\$25,409	\$38,113	\$50,818	1,708	\$3,416	\$5,124	\$6,832
500	17,786	\$35,573	\$53,359	\$71,145	2,391	\$4,782	\$7,173	\$9,564
200	44,466	\$88,931	\$133,397	\$177,863	5,978	\$11,955	\$17,933	\$23,910
100	88,931	\$177,863	\$266,794	\$355,725	11,955	\$23,910	\$35,865	\$47,821
75	118,575	\$237,150	\$355,725	\$474,301	15,940	\$31,880	\$47,821	\$63,761
50	177,863	\$355,725	\$533,588	\$711,451	23,910	\$47,821	\$71,731	\$95,641
25	355,725	\$711,451	\$1,067,176	\$1,422,902	47,821	\$95,641	\$143,462	\$191,282