

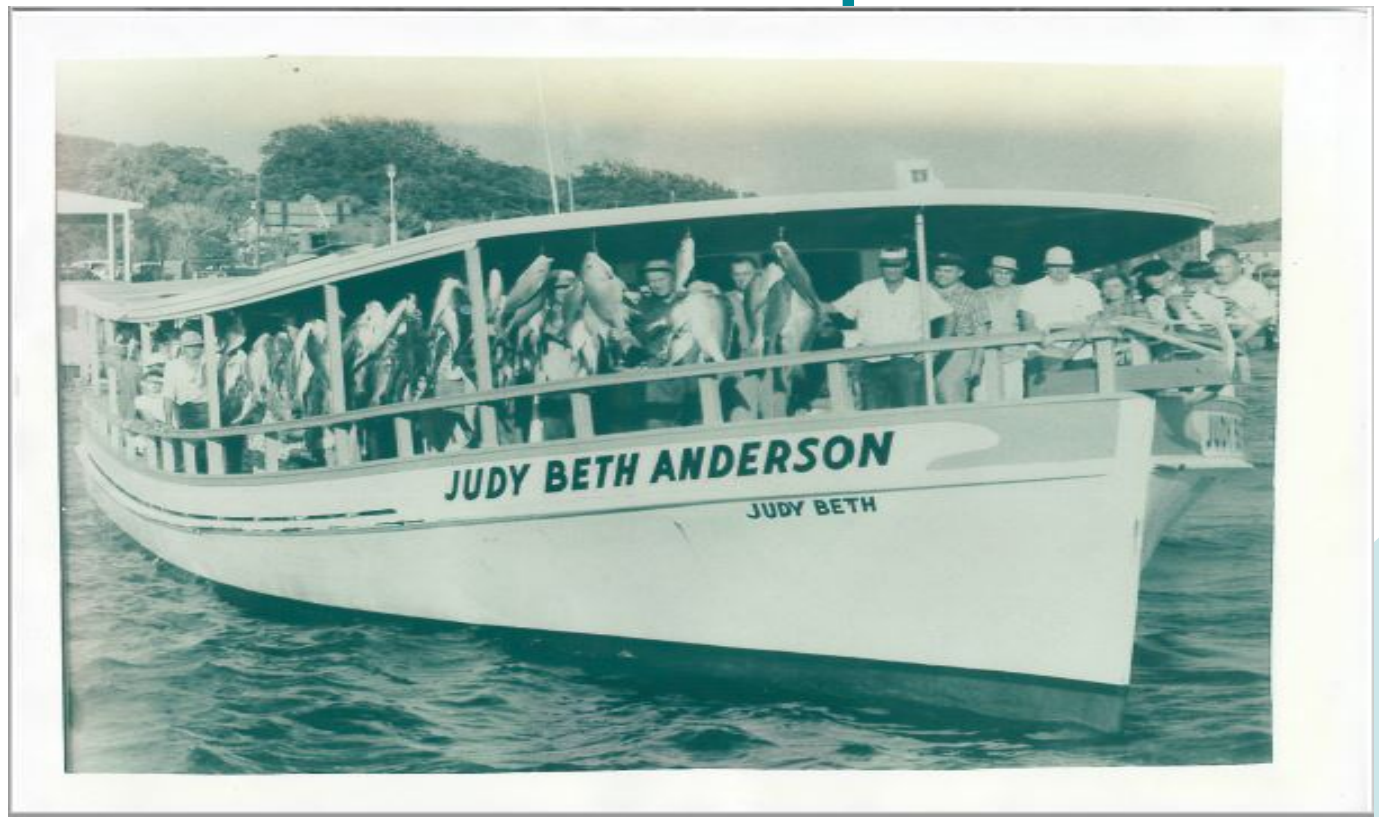
Southeast Region Headboat Survey (SRHS) Annual Report



**NOAA
FISHERIES**

South East
Fisheries
Science Center

GMFMC
Meeting
Aug 2018



Southeast Regional Headboat Survey Annual Report

- Introduction
- Purpose – share information (trends in data)
 - Intended audience (headboat operators, Councils, SEDARS, etc.)
- Includes most recent annual data - 2017

Report format and content

- Introduction and metadata
- Tables
 - Total landings by species numbers and weight
 - Effort – angler days 1986 to present
 - Summary of dockside sampling
- Species summary (1 page per species)
 - 50 species – federally managed and species of interest

List of Gulf of Mexico species

- Almaco Jack
- Atlantic spadefish
- Banded rudderfish
- Banks sea bass
- Bar jack
- Blackfin tuna
- Black Grouper
- Black Sea Bass
- Bluefish
- Blueline Tilefish
- Cero
- Cobia
- Cubera snapper
- Dog snapper
- Dolphin fish
- Gag
- Gray snapper
- Gray Triggerfish
- Graysby
- Greater Amberjack
- Hogfish
- Jolthead progy
- King Mackerel
- Knobbed Porgy
- Lane Snapper
- Lesser amberjack
- Little tunny
- Margate
- Mutton Snapper
- Red Grouper
- Red Hind
- Red Porgy
- Red Snapper
- Rock hind
- Sand tilefish
- Saucereye porgy
- Scamp
- Silk Snapper
- Snowy Grouper
- Spanish Mackerel
- Speckled Hind
- Tilefish
- Tomtate
- Vermilion Snapper
- Warsaw Grouper
- White Grunt
- Whitebone porgy
- Yellowedge grouper
- Yellowtail Snapper
- Yellowmouth grouper

Species example – Vermilion snapper landings and discards



Annual landings in number and weight (lb).

Year	Landings(n)	Landings (lb)
2008	222,333	187,065
2009	300,275	300,512
2010	222,544	207,624
2011	446,064	451,089
2012	304,377	283,135
2013	342,271	302,120
2014	365,398	330,091
2015	366,188	338,868
2016	407,103	311,781
2017	474,098	430,522

Annual discards in number by region.

Year	southwest FL	northwest FL	MS to TX
2008	2,050	11,921	159
2009	3,293	7,676	437
2010	1,807	755	347
2011	3,296	3,826	769
2012	493	8,249	114
2013	1,818	20,849	1,304
2014	996	22,994	945
2015	1,076	20,613	461
2016	1,642	23,020	127
2017	2,174	35,185	88

Species Example – Vermilion snapper (Dockside Sampling, Effort Summary and CPUE)

Dockside intercept sampling program summary by region and 5 year and 10 year cumulative averages.

Region	Len. (n)	Wgt. (n)	Avg.len(in.)	Avg.wgt(lbs)
nwFL	2,436	2,414	12.9	1.0
swFL	64	64	14.5	1.4
TX	2,245	1,957	13.3	1.1
GOM (5 yr)	32,339	30,937	12.6	0.9
GOM (10 yr)	47,435	45,684	12.7	0.9



Regional summary of all positive (caught and discarded) headboat trips for last ten years.

Year	southwest FL	northwest FL	MS to TX
2008	100	2,026	224
2009	109	2,262	442
2010	82	1,426	557
2011	142	2,448	569
2012	151	2,403	534
2013	156	2,585	580
2014	208	2,857	464
2015	249	2,742	571
2016	212	2,962	509
2017	300	3,092	409

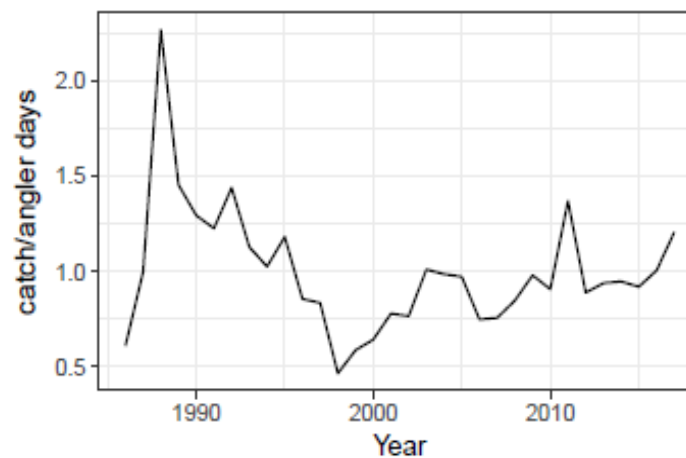


Figure 87: Nominal index (catch/angler days) from headboat logbooks.

8.44 Vermilion snapper⁹²



Figure 86: Vermilion snapper, *Rhomboplites aurubens*.

8.44.1 Landings

Table 177: Annual landings in number and weight (lb).

Year	Landings(n)	Landings (lb)
2008	222,333	187,065
2009	300,275	300,512
2010	222,544	207,624
2011	446,064	451,089
2012	304,377	283,135
2013	342,271	302,120
2014	365,398	330,091
2015	366,188	338,868
2016	407,103	311,781
2017	474,098	430,522

8.44.2 Discards

Table 178: Annual discards in number by region.

Year	southwest FL	northwest FL	MS to TX
2008	2,050	11,921	159
2009	3,293	7,676	437
2010	1,807	755	347
2011	3,296	3,826	769
2012	493	8,249	114
2013	1,818	20,849	1,304
2014	996	22,994	945
2015	1,076	20,613	461
2016	1,642	23,020	127
2017	2,174	35,185	88

8.44.3 Dockside Intercept Sampling Program

Regional sample sizes, average length (in.) and weight (lb) are available in Table 179.

Table 179: Dockside intercept sampling program summary by region and 5 year, 10 year and cumulative averages.

Region	Len. (n)	Wgt. (n)	Avg.len(in.)	Avg.wgt(lbs)
nwFL	2,436	2,414	12.9	1.0
swFL	64	64	14.5	1.4
TX	2,245	1,957	13.3	1.1
GOM (5 yr)	32,339	30,937	12.6	0.9
GOM (10 yr)	47,435	45,684	12.7	0.9

8.44.4 Effort

Table 180: Regional summary of all positive (caught and/or discarded) headboat trips for last ten years.

Year	southwest FL	northwest FL	MS to TX
2008	100	2,026	224
2009	109	2,262	442
2010	82	1,426	557
2011	142	2,448	569
2012	151	2,403	534
2013	156	2,585	580
2014	208	2,857	464
2015	249	2,742	571
2016	212	2,962	509
2017	300	3,092	409

8.44.5 Catch per Unit Effort (CPUE)⁹³



Figure 87: Nominal index (catch/angler days) from headboat logbooks.

Summary

- Annual release date – Second quarter of following year to include previous fishing year estimated landings and effort
- Feedback is welcome
- Acknowledgements
- Questions or comments