

Southeast Region Headboat Survey (SRHS) Annual Report



**NOAA
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**South East
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**SAFMC
Meeting
Dec 2021**



Southeast Regional Headboat Survey Annual Report

- Purpose – share information (trends in data)
 - Intended audience (headboat operators, Councils, SEDARS, etc.)
- Includes most recent annual data - 2020

Report format and content

Tables

- Total landings by species numbers and weight
- Effort – angler days 1981 to present
- Summary of dockside sampling

Species summary (1 page per species)

- Top 28 federally managed species
- Total = 55 species

Current list of South Atlantic species

- Almaco Jack
- Black Grouper
- Black Sea Bass
- Blueline Tilefish
- Cobia
- Dolphin
- Hogfish
- Gag
- Gray Triggerfish
- Greater Amberjack
- King Mackerel
- Knobbed Porgy
- Lane Snapper
- Mutton Snapper
- Red Grouper
- Red Hind
- Red Porgy
- Red Snapper
- Scamp
- Silk Snapper
- Snowy Grouper
- Spanish Mackerel
- Speckled Hind
- Tilefish
- Vermilion Snapper
- Warsaw Grouper
- White Grunt
- Yellowtail Snapper

Species example – spottail pinfish landings and discards



Annual landings in number and weight (lb).

<u>Year</u>	<u>Landings(n)</u>	<u>Landings (lb)</u>
2011	33,001	23,537
2012	32,728	25,193
2013	24,480	17,846
2014	26,509	20,027
2015	36,029	27,731
2016	41,243	30,165
2017	34,440	26,357
2018	21,744	15,947
2019	26,230	20,757
2020	24,267	19,258

Annual discards in number by region.

<u>Year</u>	<u>Carolinas</u>	<u>GA.N.FI.</u>	<u>S.FI</u>
2011	7,225	207	***
2012	3,552	17	25
2013	3,432	11	2
2014	4,192	69	***
2015	6,118	13	***
2016	5,989	59	26
2017	7,331	46	***
2018	6,200	7	***
2019	3,653	***	***
2020	3,130	5	***

Species example – Spottail pinfish

(Dockside sampling, Effort Summary and CPUE)

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

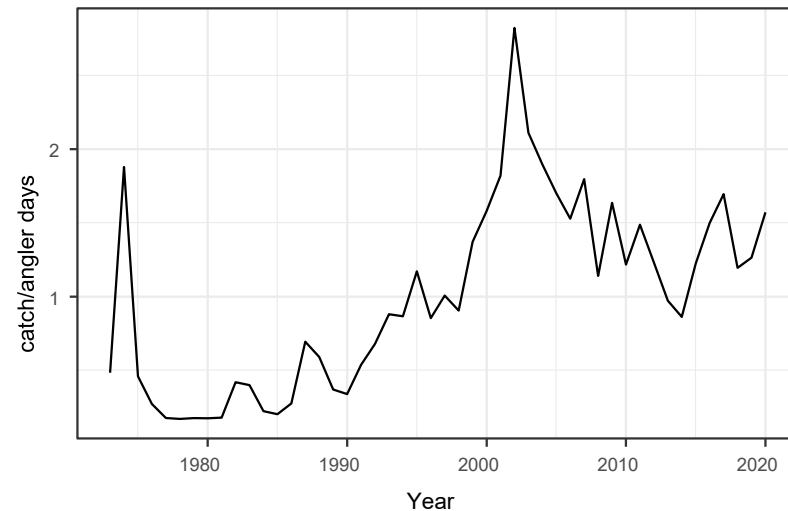
Region	Len. (n)	Wgt. (n)	Avg.len(in.)	Avg.wgt(lbs)
Carolinas	3	3	10.4	0.7
GA.N.Florida	1	1	11.7	1.1
S. Atl.(10 yr)	2,112	2,085	10.3	0.7
S. Atl.(5 yr)	713	692	10.5	0.8



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

Year	Carolinas	GA.N.FI.	S.FI
2011	962	108	***
2012	1,041	74	21
2013	993	30	6
2014	928	64	***
2015	1,079	56	***
2016	1,202	72	6
2017	1,047	56	***
2018	532	76	***
2019	738	***	***
2020	688	28	***

Catch per Unit Effort (CPUE)



8.46 Spottail pinfish⁹⁶



Figure 91: Spottail pinfish, *Diplodus holbrookii*.

8.46.1 Landings

Table 185: Annual landings in number and weight (lb).

Year	Landings(n)	Landings (lb)
2011	33,001	23,537
2012	32,728	25,193
2013	24,480	17,846
2014	26,509	20,027
2015	36,029	27,731
2016	41,243	30,165
2017	34,440	26,357
2018	21,744	15,947
2019	26,230	20,757
2020	24,267	19,258

8.46.2 Discards

Table 186: Annual discards in number by region.

Year	Carolinas	GA,N,FL	S,FL
2011	7,225	207	***
2012	3,552	17	25
2013	3,432	11	2
2014	4,192	69	***
2015	6,118	13	***
2016	5,989	59	26
2017	7,331	46	***
2018	6,200	7	***
2019	3,653	***	***
2020	3,130	5	***

8.46.3 Dockside Intercept Sampling Program

Regional sample sizes, average length (in.) and weight (lb) are available in Table 187.

⁹⁶Confidential data were replaced with asterisks (***)

⁹⁷The nominal index reflects the raw data and does not necessarily reflect fluctuations in population size. A more thorough examination of these data are required before associating these time series with abundance.

Table 187: 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)
Carolinas	3	3	10.4	0.7
GA,N,Florida	1	1	11.7	1.1
S. Atl.(10 yr)	2,112	2,085	10.3	0.7
S. Atl.(5 yr)	713	692	10.5	0.8

8.46.4 Effort

Table 188: Regional summary of all positive (caught and/or discarded) headboat trips for last ten years.

Year	Carolinas	GA,N,FL	S,FL
2011	962	108	***
2012	1,041	74	21
2013	993	30	6
2014	928	64	***
2015	1,079	56	***
2016	1,202	72	6
2017	1,047	56	***
2018	532	76	***
2019	738	***	***
2020	688	28	***

8.46.5 Catch per Unit Effort (CPUE)⁹⁷



Figure 92: Nominal index (catch/angler days) from headboat logbooks.

Questions or comments

- Annual release date – Dec of following year
 - 2020 estimated landings and effort