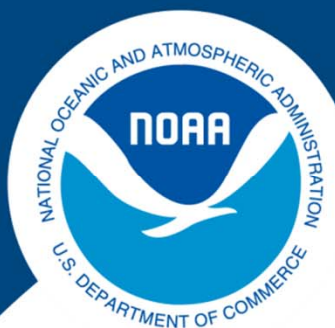


Southeast Region Headboat Survey (SRHS) Annual Report



**NOAA
FISHERIES**

Southeast
Fisheries
Science Center

GMFMC
Meeting
November 2024



Southeast Region Headboat Survey Annual Report

- Purpose – share information (trends in data)
 - Intended audience (headboat operators, Councils, SEDARS, etc.)
- Includes most recent annual data with comparisons to 5 and 10 year averages.
- Potentially reveals data issues

Report format and content

Introduction

Annual Summaries

- Total landings by species numbers and weight (>1000lbs)
- Total discards (>1000 fish)
- Effort – angler days 1981 to present
- Summary of dockside sampling (>30 fish)

Report format and content

Species summary (1 page per species, 70 species)

- Annual data over last decade
- Landings and discards
- Species-specific positive trips
- Number of biological samples
- Nominal CPUE
- Confidential data replaced with "*conf*"

Table 1: Species landed > 1,000 pounds from headboats in the Gulf of Mexico. The 5yr and 10yr column names represent the positive or negative percent difference compared to the five or ten year average for the given species.

common	landings (lb)	5yr (lb)	10yr (lb)	landings (n)	5yr (n)	10yr (n)
red snapper	588,718	-8	-1	121,968	3	9
vermilion snapper	365,286	-2	-4	412,777	8	2
white grunt	322,976	-2	-20	501,797	0	-17
blackfin tuna	162,311	28	42	18,053	41	49
yellowfin tuna	137,101	31	75	2,964	24	71
gray snapper	67,432	1	-5	35,942	-2	3
queen snapper	38,529	192	408	4,455	195	414
lane snapper	38,517	-5	-17	65,491	28	-6
almaco jack	34,516	34	74	10,887	19	60
red grouper	32,629	44	2	2,928	-14	-30
tomtate	29,715	-13	-37	93,950	-7	-34
gray triggerfish	20,893	13	10	5,439	-0	-6
king mackerel	19,884	-63	-76	1,326	-71	-83

²Confidential data were replaced with *conf*

Table 2: Species discarded > 1,000 fish from headboats in the Gulf of Mexico. The 5yr and 10yr column names represent the positive or negative percent difference compared to the five or ten year average for the given species. The number of fish vented and/or descended was added to the logbooks in 2023.

common	discards (n)	5yr (n)	10yr (n)	vented	descended
gray triggerfish	116,672	15.9	21.4	38,310	3,641
red snapper	75,909	-30.2	-27.1	34,030	10,426
red grouper	67,833	38.5	10.6	7,679	6,958
white grunt	47,636	-5.8	-2.3	334	3,141
tomtate	40,138	8.0	2.4	46	4,827
vermilion snapper	29,651	-17.3	-12.2	7,697	2,875
lane snapper	15,500	28.0	45.5	919	6,371
sand perch	10,570	-13.6	-2.6	11	1,878
gag	9,286	-29.6	-42.1	1,712	772
black sea bass	6,955	-53.6	-58.7	31	28
gray snapper	6,268	9.8	27.5	1,598	1,323
hogfish	3,786	15.5	90.1	278	571

³Confidential data were replaced with *conf*

Table 3: Species sampled dockside from headboats in the Gulf of Mexico. including distribution by region. The 5yr and 10yr column names represent the positive or negative percent difference compared to the five or ten year average for the given species (wFLAL = west coast of Florida and Alabama, LAMS = Louisiana and Mississippi, TX = Texas).

common	fish (n)	wFLAL (%)	LAMS (%)	TX (%)	5yr (%)	10yr (%)
vermilion snapper	5,430	80.9	0.9	18.1	8.9	0.4
red snapper	3,334	18.8	11.5	69.7	33.8	-13.5
tomtate	2,351	100.0		0.0	120.9	165.3
white grunt	2,308	100.0			92.8	70.2
lane snapper	942	95.4		4.6	140.3	88.6
gray snapper	764	98.0		2.0	89.6	123.6
Spanish mackerel	460	4.6	95.0	0.4	106.3	82.9
blackfin tuna	396	10.6	6.8	82.6	63.5	-36.1
sand perch	297	100.0			66.5	104.8
yellowtail snapper	205	99.5	0.5		105.4	199.7
red porgy	203	100.0			-58.8	-64.7
queen snapper	181	98.9		1.1	305.8	704.4
almaco jack	180	96.1		3.9	11.9	42.5
gray triggerfish	166	98.2	1.2	0.6	-1.8	-19.7

Species example – vermilion snapper landings and discards



Annual Landings in number (n) and pounds (lb).

Year	n	lb
2014	365,398	330,091
2015	366,188	338,868
2016	407,103	311,781
2017	474,098	430,522
2018	510,955	541,204
2019	421,734	409,298
2020	364,025	328,795
2021	399,056	448,390
2022	319,752	305,500
2023	412,777	365,287

Annual Discards in number (n) by region.

Year	TX	LAMS	wFLAL
2014	945		23,990
2015	461		21,689
2016	127		24,662
2017	83	5	37,359
2018	71	1	49,007
2019	195	<i>conf</i>	41,754
2020	271	<i>conf</i>	23,456
2021	1,048	<i>conf</i>	46,723
2022	848	<i>conf</i>	35,166
2023	316	<i>conf</i>	29,327

Species example – Vermilion snapper (Dockside sampling, Effort Summary and CPUE)

Dockside intercept sampling of Length and Weight.

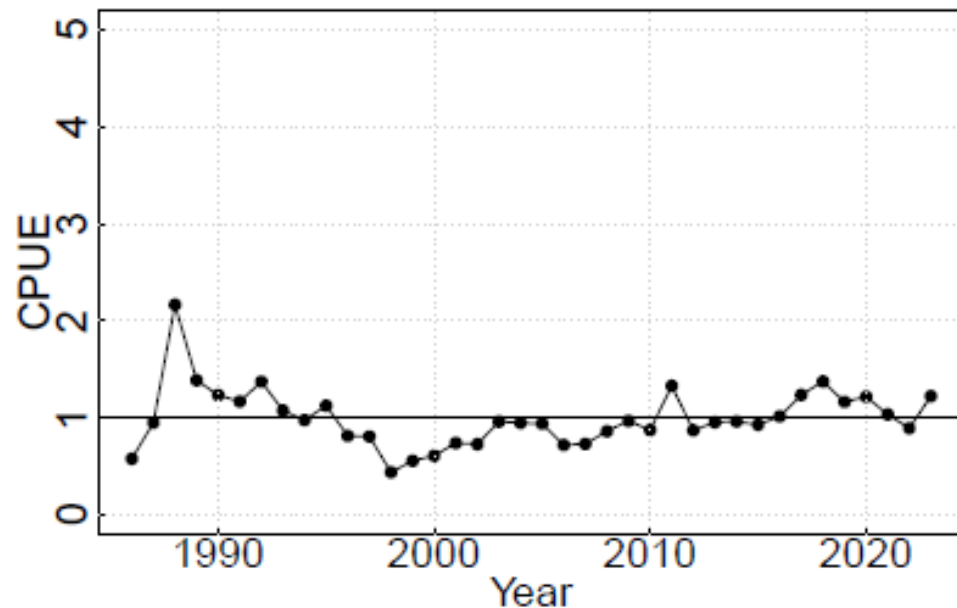


Region	Len (n)	Wgt (n)	Len (in)	Wgt (lb)
TX	984	962	13.1	1.1
LAMS	51	14	13.7	0.8
wFLAL	4,395	4,369	12.6	0.9
5yr				
10yr				

2023 Positive Trips
(landed or discarded)

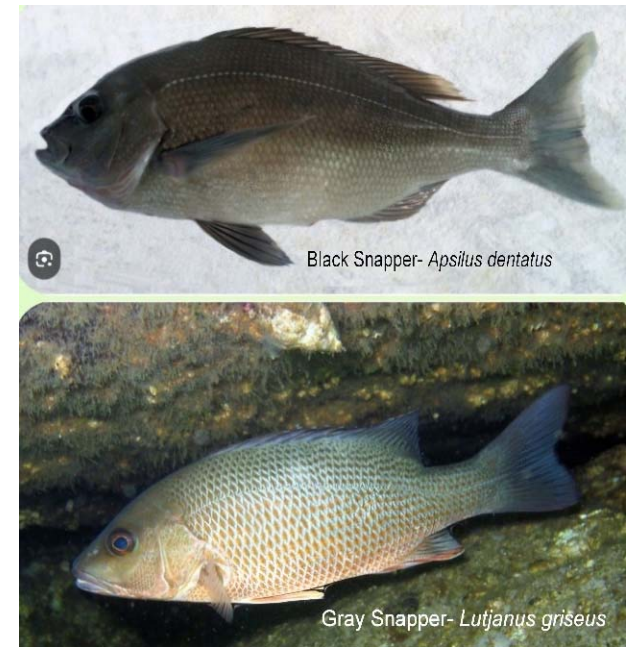
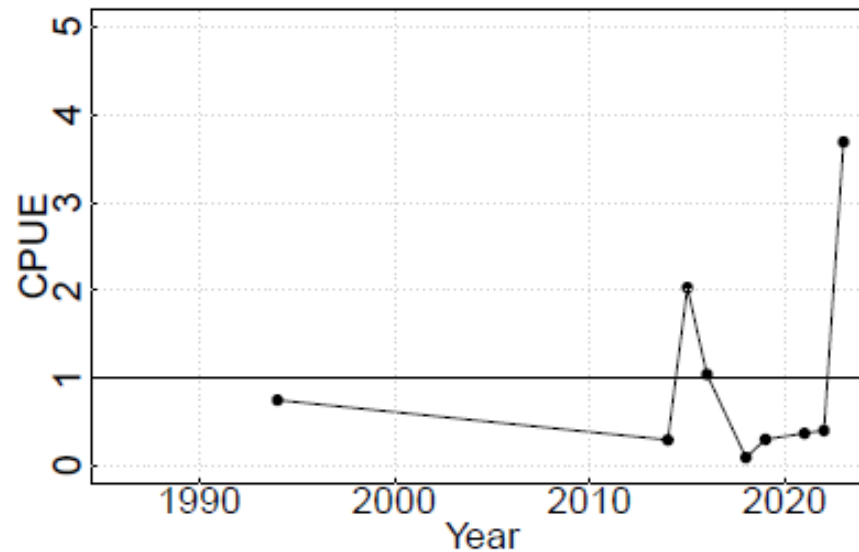
Year	TX	LAMS	wFLAL
2014	443	21	3,066
2015	513	58	2,995
2016	465	44	3,176
2017	374	36	3,396
2018	406	38	3,545
2019	496	<i>conf</i>	3,473
2020	515	<i>conf</i>	2,755
2021	573	<i>conf</i>	3,427
2022	489	<i>conf</i>	3,094
2023	494	<i>conf</i>	3,085

Catch per Unit Effort (CPUE) - Nominal



Species ID reporting error example – black snapper

Year	n	lb
2014	<i>conf</i>	<i>conf</i>
2015		
2016	11	16
2017		
2018	<i>conf</i>	<i>conf</i>
2019	<i>conf</i>	<i>conf</i>
2020		
2021	<i>conf</i>	<i>conf</i>
2022	4	6
2023	33	113



Mitigation underway

- ID vessel operators reporting black snapper
- Create species ID information to share with port agents and vessel operators

Questions or comments

- Annual release date – Following year
 - 2025 release date following 2024 landings and effort estimates completion (mid-year)
- Please send suggestions to improve the annual report to rob.cheshire@noaa.gov