



#### Southern Flounder Fishery Management Plan

Southern Flounder Amendment 3 Landings Update

Department of Environmental Quality

Marine Fisheries

MFC Meeting | Holly White and Anne L. Markwith | August 22, 2024



#### Amendment 3 Landings Presentation Overview

• Required and Estimated Reductions

#### Amendment 3 Landings Presentation Overview

- Required and Estimated Reductions
- Landings and Achieved Reductions



# Amendment 3 Requirements

- Built on seasonal closures from Amendment 2
- MFC directed the division to reduce total removals by 72%
  - More conservative approach
  - Greater reduction than required by statute
- Requirements to end overfishing in 2 years
  - o 31% reduction to meet the threshold
  - o 51% reduction to meet the target
- Requirements to end overfished status in 10 years
  - o 52% reduction to meet the threshold
  - o 72% reduction to meet the target

Total Allowable Catch
(TAC; pounds)

_	(TA	C; pounds	5)		
	TAC	Adjusted TAC	Total Removals	Overage	Percent Reduction from 2017
Commercial					
2022	377,379		376,155	0	-73.1
2023	377,379		382,930	5,551	-72.6
Recreational					
2022	170,655		226,995	56,340	-58.4
2023	170,655	114,315	241,609	127,294	-55.7
Overall					
2022	548,034		603,150	55,116	-70.6
2023	548,034		624,539	76,505	-67.9

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2022	377,379		376,155	0	-73.1
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#### Total Allowable Catch (TAC: pounds)

_	(IA	ic; pounds	5)		
					Percent
		Adjusted	Total		Reduction
	TAC	TAC	Removals	Overage	from 2017
Commercial					
2022	377,379		376,155	0	-73.1
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Total Allowable Catch (TAC: pounds)

(IAC, podilas)							
				Percent			
	Adjusted	Total		Reduction			
TAC	TAC	Removals	Overage	from 2017			
377,379		376,155	0	-73.1			
377,379		382,930	5,551	-72.6			
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	TAC  377,379  377,379  170,655  170,655  548,034	Adjusted TAC TAC 377,379 377,379 170,655 170,655 114,315 548,034	Adjusted Total Removals  377,379 376,155 377,379 382,930  170,655 226,995 170,655 114,315 241,609  548,034 603,150	Adjusted Total Removals Overage  377,379			

Total Allowable Catch (TAC; pounds)

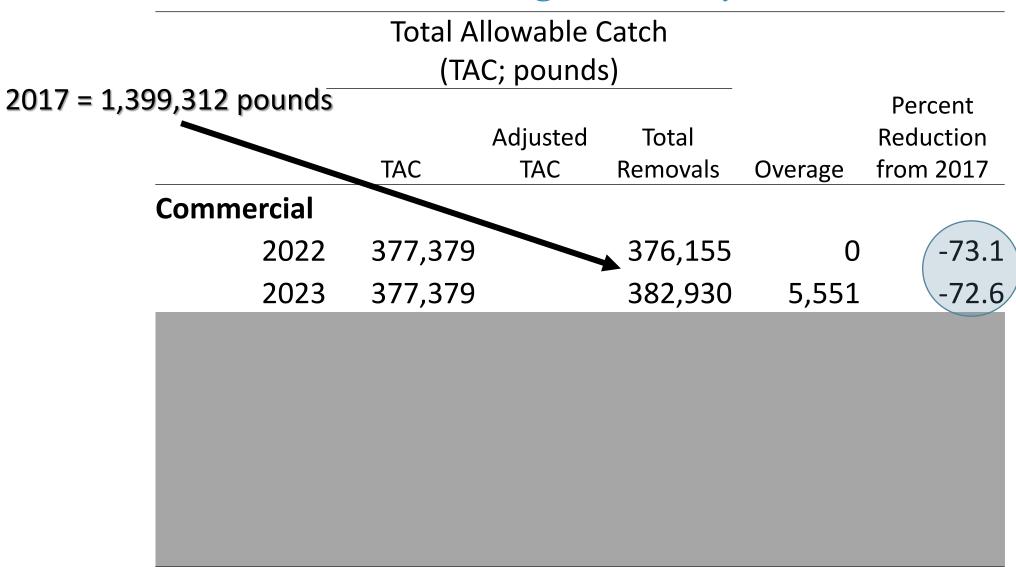
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Gear	Area	Total Allowable Landings (TAL)	Total Allowable Catch (TAC)	Actual Landings	Dead Discards	Total Removals	2023 Required Paybacks	Adjusted TAL	Adjusted TAC	
Mobile	Northern	123,879	127,028	118,680	4,590	123,270		123,879	127,028	
	Southern	62,309	63,893	65,435	2,308	67,743	1,326	60,983	62,567	
Pound Net	Northern	39,700	39,700	40,904		40,904	414	39,286	39,286	
	Central	121,756	121,756	132,826		132,826	3,811	117,945	117,945	
	Southern	25,002	25,002	18,187		18,187		25,002	25,002	
	Total	372,646	377,379	376,032		382,930	5,551	367,095	371,828	

					2023			2024	
		Total Allowable Landings	Total Allowable	Actual	Dead	Total	2023 Required	Adjusted	Adjusted
Gear	Area	(TAL)	Catch (TAC)	Landings	Discards	Removals	Paybacks	TAL	TAC
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	Total	372,646	377,379	376,032		382,930	5,551	367,095	371,828

Total Allowable Catch
(TAC; pounds)
Percent
Adjusted Total Reduction

Removals

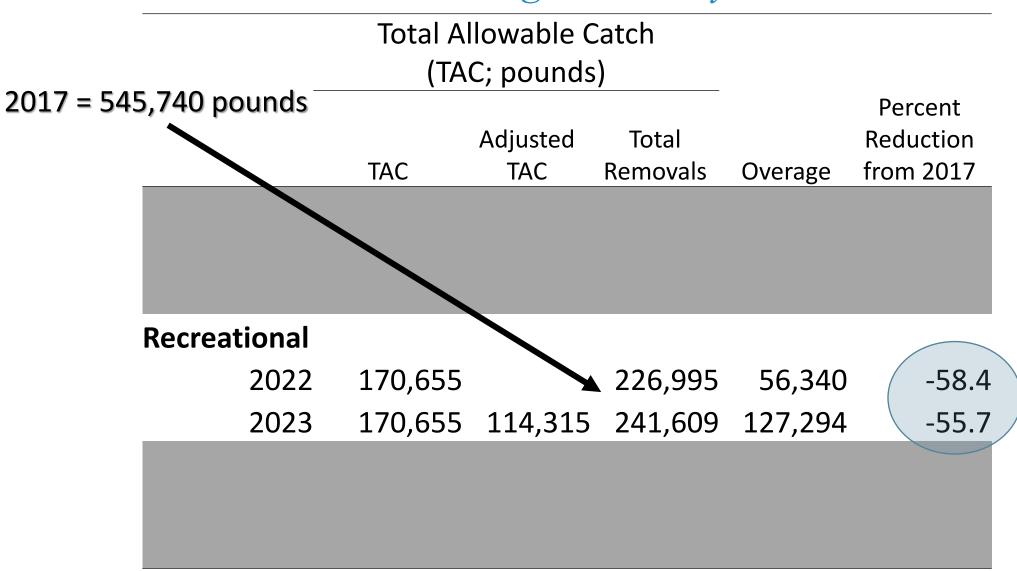
Overage

TAC

TAC

from 2017

Recreational 2022 170,655 226,995 56,340 -58.4 2023 170,655 114,315 241,609 127,294 -55.7



**Total Allowable Catch** (TAC; pounds) Percent Adjusted Total Reduction TAC from 2017 TAC Removals

Overage

Recreational 56,340 226,995 -58.4 170,655 2022 170,655 114,315 241,609 127,294 -55.7 2023

	Amend	ment 3	Adjus	sted	Act	ual Land	ings	Dea	ad Disc	cards		
	Total											
	Allowable	Total								Total		
	Landings	Allowable								Dead	Total	Required
	(TAL)	Catch (TAC)	TAL	TAC	MRIP	Gig	Landings	MRIP	Gig	Discards	Removals	Paybacks
2022	159,706	170,655			166,091	7,882	173,973	52,771	251	53,022	226,995	56,340
2023	159,706	170,655	103,366	114,315	192,168	7,882*	200,050	41,308	251*	41,559	241,690	127,294

<sup>\*</sup>estimated value from previous year

	Amend	ment 3	Adjus	ted	Act	tual Landi	ings	Dea	ad Disc	ards	_	
	Total											
	Allowable	Total								Total		
	Landings	Allowable								Dead	Total	Required
	(TAL)	Catch (TAC)	TAL	TAC	MRIP	Gig	Landings	MRIP	Gig	Discards	Removals	Paybacks
2022	159,706	170,655			166,091	7,882	173,973	52,771	251	53,022	226,995	56,340
2023	159,706	170,655	103,366	114,315	192,168	7,882*	200,050	41,308	251*	41,559	241,690	127,294

<sup>\*</sup>estimated value from previous year

_	Amendment 3		Adjusted		Actual Landings		Dead Discards		_			
_		Total Allowable Catch (TAC)		TAC	MRIP	Gig	Landings	MRIP	Gig	Total Dead Discards	Total Removals	Required Paybacks
2022	159,706	170,655			166,091	7,882	173,973	52,771	251	53,022	. 226,995	56,340
2023	159,706	170,655	103,366	114,315	192,168	7,882*	200,050	41,308	251*	41,559	241,690	127,294

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	_	Actı				
						۸ ما:،،مده ما
	Season	MRIP	Gig	Landings	TAL	Adjusted TAL
-	6 4 20	4.66.004		3	450.706	
2022	Sep. 1-30	166,091	7,882	173,973	159,706	
2023	Sep. 15-29	192,168	7,882*	200,050		103,366

<sup>\*</sup>estimated value from previous year

	_	Dead Discards					
_	Season	MRIP	Gig	Total			
2022	Sep. 1-30	52,771	251	53,022			
2023	Sep. 15-29	41,308	251*	41,559			

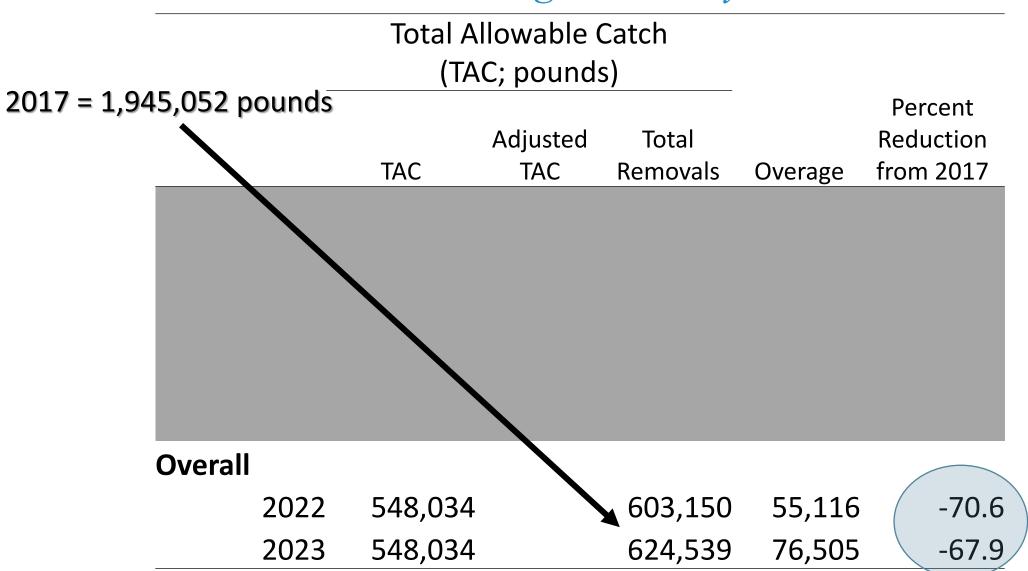
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			Adjusted	Actual	Total Dead	Total	Required
_	Season	TAC	TAC	Landings	Discards	Removals	Payback
2022	Sep. 1-30	170,655		173,973	53,022	226,995	56,340
2023	Sep. 15-29		114,315	200,050	41,559	241,609	127,294
2024	Closed		43,361				

#### 2022/2023 Dead Discards Average 47,291 pounds

			Adjusted	Total	Required
	Season	TAC	TAC	Removals	Payback
2022	Sep. 1-30	170,655		226,995	56,340
2023	Sep. 15-29		114,315	241,609	127,294
2024	Closed		43,361		

**Total Allowable Catch** (TAC; pounds) Percent Adjusted Total Reduction TAC from 2017 TAC Removals Overage **Overall** 55,116 603,150 -70.6 2022 548,034 548,034 624,539 76,505 -67.9 2023



### Amendment 3 Landings Summary

**Total Allowable Catch** (TAC; pounds) Percent Adjusted Total Reduction TAC TAC from 2017 Removals Overage **Overall** 55,116 603,150 -70.6 2022 548,034 548,034 624,539 76,505 -67.9 2023

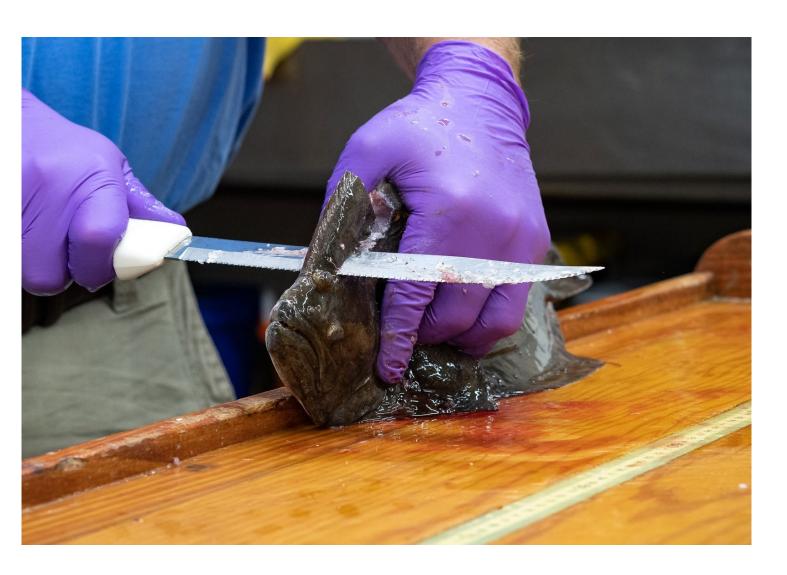
### Amendment 2 and Amendment 3 Overall Landings Summary

	Total Allowa	able Catch				
	(TAC; pounds)				Tar	get
				Percent		
		Total		Reduction	Overfishing	Overfished
	TAC	Removals	Overage	from 2017	(51%)	(72%)
2019	739,011	1,265,705	526,694	-34.9	No	No
2020	544,534	941,231	396,697	-51.6	Yes	No
2021	544,534	1,105,368	625,420	-39.8	No	No
2022	548,034	603,150	55,116	-70.6	Yes	No
2023	548,034	624,539	76,505	-67.9	Yes	No

#### Summary

- NC reductions to catch have met statutory requirements to end overfishing for the NC portion of the coastwide stock.
- Overfished status:
  - Three of last five years at rebuilding threshold or above
  - Overages to TAC still occurring in recreational fishery
  - Overages to three commercial gear-area combination TALs occurred and commercial TAC exceeded.
  - Continued reductions expected under Amendment 3 for rebuilding stock by 2028
- The allocation between the commercial and recreational fisheries shifts to 60:40 in 2025.

#### Questions?

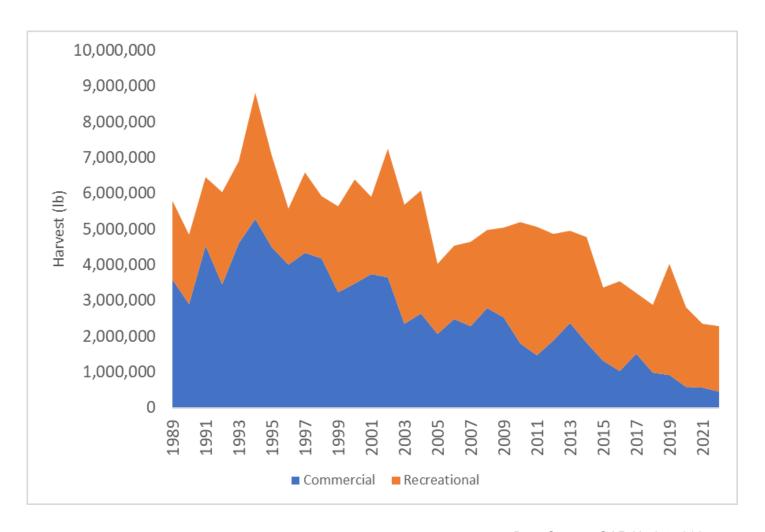


#### Southern Flounder Leads

Anne.Markwith@deq.nc.gov
Wilmington
910-796-7292

Holly.White@deq.nc.gov Elizabeth City 252-381-6004

## Amendment 3 Coastwide Catch Pounds (Commercial + MRIP) 1989-2022



2017 Coastwide = 3,068,251 lb

Year	Total Catch (lb)	Compared to 2017 (%)
2019	4,031,796	+26
2020	2,811,304	-12
2021	2,351,446	-27
2022	2,280,587	-29

Data Source: SAR Update 2024

Catch includes dead discards.

Data Source: SAR Update 2024

Amendment 3
Change in State Specific Catch Compared to 2017
(Commercial + Recreational, includes discards)
2019-2022

Year	NC	SC*	GA*	FL*
2017	1,945,052	439,262	151,275	654,261

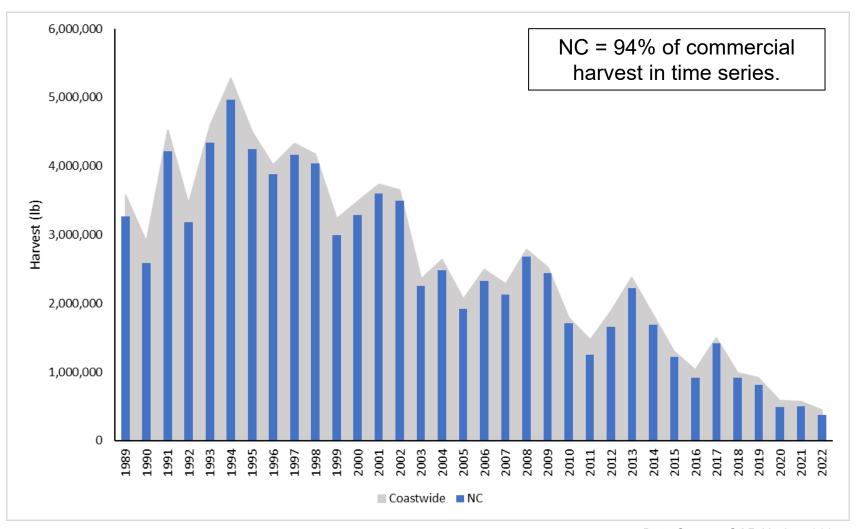
Year	NC	SC*	GA*	FL*
2019	-35.2	-41.7	+0.1	+259.5
2020	-51.7	-32.9	+57.3	+103.6
2021	-42.9	-6.0	+72.7	-14.7
2022	-69.4	+26.2	+50.8	+37.4

\*Values subject to change.

Data Source: SAR Update 2024

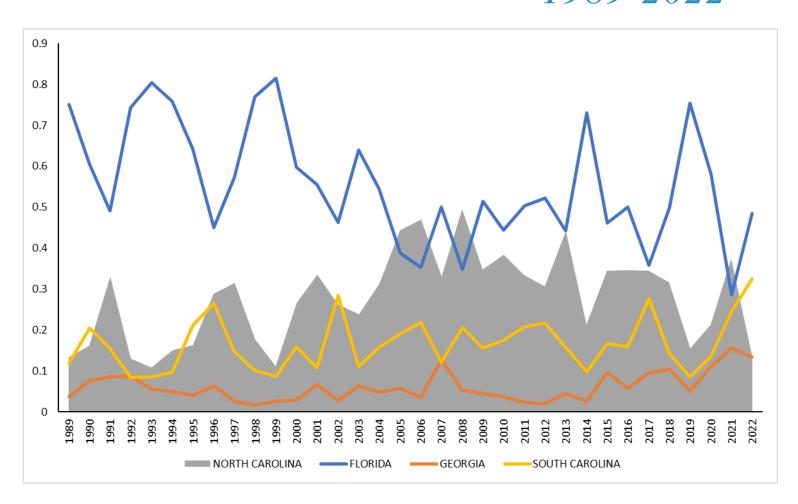
Catch includes dead discards.

# Amendment 3 Coastwide Commercial Catch 1989-2022



Data Source: SAR Update 2024 Catch includes dead discards.

## Amendment 3 Coastwide Recreational Catch % by State 1989-2022



1989-1998:

FL 64%, NC 18%, SC 13%, GA 5%

1999-2008:

FL 50%, NC 29%, SC 16%, GA 5%

2009-2018:

FL 47%, NC 32%, SC 16%, GA 5%

2019-2022:

FL 53%, NC 20%, SC 17%, GA 10%

Data Source: SAR Update 2024. Catch includes dead discards.

Amendment 3
Recreational % Change in State Specific Catch Compared to 2017
2019-2022

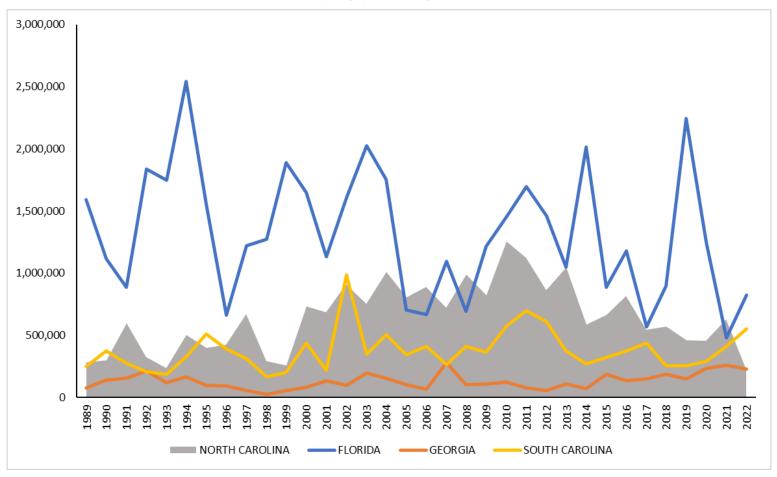
Year NC		SC*	GA*	FL*
2017	545,718	437,348	151,118	566,349

Year	NC	SC*	GA*	FL*
2019	-15.4	-41.6	+0.5	+296.4
2020	16.2	-33.8	+56.0	+120.2
2021	+14.5	-6.1	+72.8	-15.4
2022	-58.4	+26.5	+50.9	+45.7

\*Values subject to change.

Data Source: SAR Update 2024 Catch includes dead discards.

# Amendment 3 Coastwide Recreational Catch Pounds by State (MRIP Only) 1989-2022



Data Source: MRIP Query Tool, SAR Update 2024.

Note: 2023 values subject to change.

Amendment 3
Recreational % Change in State Specific Landings Compared to 2017
(MRIP Only, no dead discards)
2023

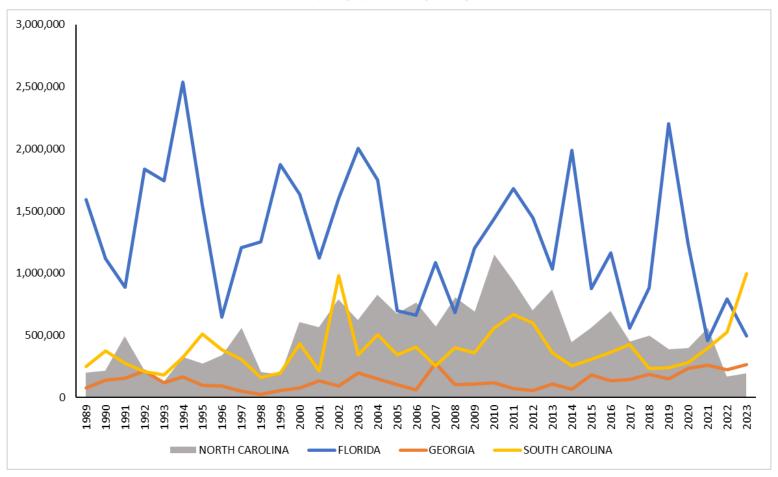
Year	NC	SC*	GA*	FL*
2017	451,126	424,491	147,286	558,981

Year	NC	SC*	GA*	FL*
2019	-14.2	-43.2	+1.3	+294.1
2020	-11.6	-34.5	+58.8	+121.4
2021	+24.2	-6.8	+74.6	-18.0
2022	-58.4	+23.7	+51.0	+41.3
2023	-55.7	+134.5	+79.2	-11.5

Data Source: SAR Update 2024

<sup>\*</sup>Values subject to change.

# Amendment 3 Coastwide Recreational Landings Pounds by State (MRIP Only) 1989-2023



Data Source: MRIP Query Tool, SAR Update 2024.

Note: 2023 values subject to change.

### Amendment 3 Recreational Total Landings in Pounds

_Year_\	Wave	Species	Intercepts_	Harvest (Fish)	Harvest (Fish) PSE	Harvest (lb)	Harvest (lb) PSE	Release (Fish)	Release (Fish) PSE
2023	4	SOUTHERN FLOUNDER	1	372	100	676	100	0	
2023	5	SOUTHERN FLOUNDER	57	77,513	<mark>27</mark>	191,493	<mark>28</mark>	0	
2023_	6	_SOUTHERN FLOUNDER_	7	0_		0		2470	43.8
Total			65	77,885		192,169		2,470	

Department of Environmental Quality