

South Carolina Red Snapper Catch & Biological Sampling Data Collection During Mini-Seasons, 2012-2014

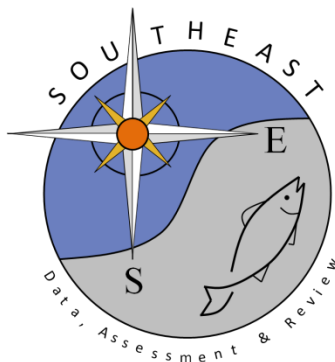
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SEDAR41-DW18

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Addendum: 12 May 2015

***Addendum added to update document with 2014 data. Please see Addendum for complete information (PDF page 5).**



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South Carolina

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SEDAR 41, South Atlantic Red Snapper Data Workshop, August 2014

Catch and Biological Sampling:

- Private Sector – Dockside sampling efforts were conducted to collect biological data (finfish lengths, and otoliths) and catch information at the SCDNR Marine Resources Division headquarters in Charleston, SC. Recreational anglers were also able to donate their red snapper carcasses to SCDNR by dropping them off at any one of six designated freezers throughout the state for biological data collection efforts. Additionally, SCDNR personnel collected biological samples when red snapper were randomly intercepted during the SC State Finfish Survey (2012) and/or MRIP (2013) sampling efforts.
- For hire sector – SCDNR staff coordinated with charter and headboat operators that primarily conduct offshore fishing trips to collect biological samples. 100% of for hire charter and headboat vessels were required to complete mandatory trip-level logbooks (including discards). Staff provided outreach efforts to ensure that logbook data collections from charter and headboat fishing trips were complete, accurate and timely submitted.
- Online Survey – Private anglers were provided the opportunity to contribute catch and fishing effort information during the red snapper mini season through a volunteer online survey. The online survey collected basic information from recreational angling fishing trips, including trip date, trip duration, general fishing location, and catch data including the number and estimated size of fish landed and/or released.

Summary of the biological samples:

2012

Private samples – 43
Charter/Headboat samples – 10
(MARMAP analyzed the above samples)
Online Survey – 6

2013

Private samples – 39
Charter/Headboat samples – 14
Online Survey – 1

Summary of charter logbook data (all year):

Year	Wave	# Retained	Lbs Landed	# Released	# Release Live	# Release Dead	Total # Caught
2012	1	0	0	0	0	0	0
2012	2	0	0	24	24	0	24
2012	3	3	15	298	298	0	301
2012	4	1	20	207	207	0	208
2012	5	13	130	122	114	8	135
2012	6	0	0	13	13	0	13
2012	Total	17	165	664	656	8	681
2013	1	0	0	0	0	0	0
2013	2	0	0	21	21	0	21
2013	3	0	0	165	165	0	165
2013	4	16	216	174	173	1	190
2013	5	0	0	105	104	1	105
2013	6	0	0	9	9	0	9
2013	Total	16	216	474	472	2	490

ADDENDUM

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Summary of the biological samples:

Year	Private Samples (# Fish)	Charter/Headboat Samples (# Fish)	Online Survey (# Responses)
2012	43	10	6
2013	39	14	1
2014	69	40	1

Summary of charter logbook data (all year):

Year	Wave	# Retained	Lbs Landed	# Released	# Released Live	# Released Dead	Total # Caught
2012	1	0	0	0	0	0	0
2012	2	0	0	24	24	0	24
2012	3	3	15	298	298	0	301
2012	4	1	20	207	207	0	208
2012	5	13	130	122	114	8	135
2012	6	0	0	13	13	0	13
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2013	2	0	0	21	21	0	21
2013	3	0	0	165	165	0	165
2013	4	16	216	174	173	1	190
2013	5	0	0	105	104	1	105
2013	6	0	0	9	9	0	9
2013	Total	16	216	474	472	2	490
2014	1	0	0	0	0	0	0
2014	2	0	0	29	29	0	29
2014	3	3	9	242	240	2	245
2014	4	46	664	184	180	4	230
2014	5	0	0	73	72	1	73
2014	6	0	0	53	53	0	53
2014	Total	49	673	581	574	7	630