Florida's Inshore and Nearshore Species: 2019 Status and Trends Report

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EXECUTIVE SUMMARY

- This is the twenty-fourth year that the Florida Fish and Wildlife Commission's Fish and Wildlife Research Institute Stock Assessment Group has produced the Status and Trends Report. This year's report summarizes the available 1992-2018 commercial landing, 1982-2018 recreational landings, fishing effort, fishery catch rates, and the 1997-2018 fisheries-independent sampling effort, and young-of-the-year and post-young-of-the-year abundance indices for 135 species or groups. The condition of these species or groups was determined using information from recent stock assessments, when available. Otherwise, the condition was assessed using available commercial landings rates, recreational total-catch rates, and fishery independent abundance indices. The status determination and supporting trend-analyses reported here are designed to highlight potential areas of concern about recent substantial changes in Florida's diverse marine fisheries.
- The ascribed conditions and trends reported here are not intended to replace stock assessments. Stock assessments entail in-depth analyses where the population dynamics of a particular species are thoroughly investigated using available biological, ecological, and fisheries data.
- Summaries of the data on life history, ecology, fishery characteristics, fish health, and recent stock assessments are provided for six important species or species groups of special interest to Florida's fisheries managers: Blue Crab, Red Drum, Stone Crab, Caribbean Spiny Lobster, Common Snook, and Spotted Seatrout. During alternate years, 'species accounts' include an additional 42 species or species groups.
- Most species or groups on the Atlantic coast in 2018 were judged stable (59 species or groups). Zero groups were determined to be increasing or decreasing. Twenty-five were too rarely caught to determine their status. Similarly, on the Gulf coast, most of the species or groups were stable (56), three were increasing, three were decreasing, and 21 were too rarely caught to determine their status. Valid data for two species were assumed to be available only from the waters along Florida's Atlantic coast: Weakfish and American shad.
- Compared to last year's report, the number of increasing groups this year was lower on the Atlantic coast (2 less) and lower on the Gulf coast (1 less). The number of decreasing groups was lower on the Atlantic coast (1 less) and the same on the Gulf coast.
- Oysters (invertebrate) on the Gulf coast have shown consecutive 'decreasing' status the last six years.

INTRODUCTION

This annual compilation and broad synthesis of long-term information on Florida's marine fisheries and resources began in 1994. That year, the commercial and recreational fisheries landings, fishing effort, and catch rates were summarized for 21 finfish species. Fisheries-independent data were also included in evaluating the condition of many of the species or groups beginning in 1995. Since then, this annual report has provided a fairly comparable evaluation of the condition of Florida's marine resources. In early 2005, we began to include trends data for fish health observations made for a limited number of species and relative abundance trends for twenty individual species or subgroups contained within the set of species or groups previously examined. The list then consisted of 135 species or groups that include finfish, shellfish, and marine life. Recently, Florida marine life species have been subject to their own trend analysis report (Trend Analysis of Marine Life Landings 2005-2017; Sharp and Sheridan 2019) which provides an improved review of information available on these species using statistical trend analysis on time series data rather than consensus opinion upon examination of catch rate information. Therefore, we have decided to remove those marine life species and taxa from trend evaluation (increasing, decreasing, stable, insufficient) within the status determination table (Table 1) and the appendix (Appendix A) here. This report now summarizes information and trend determination on 88 species or taxa within the finfish and shellfish categories, provides recent stock assessment findings in the 'Species Accounts' section, and examines trends using three primary data sources for Florida's marine resources: the commercial trip-ticket program, the Fishery-Independent Monitoring program, and the National Marine Fisheries Service's Marine Recreational Information Program (MRIP).

METHODS AND MATERIALS

Information on what individual commercial fishers land comes from the Florida Fish and Wildlife Conservation Commission's (FWC) Marine Resources Information System, commonly known as the trip-ticket program. Wholesale dealers are required to use trip tickets to report their purchase of saltwater products from commercial fishers. Conversely, commercial fishers must have Saltwater Products Licenses to sell saltwater products to licensed wholesale dealers. Commercial fishers also need additional endorsements to participate in selected fisheries such as those for spiny lobster, stone crab, blue crab, ballyhoo, and marine life. Each trip ticket includes the Saltwater Products License number, the wholesale dealer license number, the date of the sale, the gear used, trip duration (time away from the dock), area fished, depth fished, number of traps or number of sets where applicable, species landed, quantity landed, and price paid per pound. These data allow analysts to identify spatial and temporal trends and estimate catch rates using reported landings. We extracted all edited trip tickets from 1985 through 2018 (through Batch 1434, closed December 12th, 2019).

Information on the recreational fishery in Florida now comes solely from the NMFS Marine Recreational Information Program (MRIP). Since 2011, the MRIP angler interview information has been collected by FWC under contract with the Gulf States Marine Fisheries Commission using funds from the National Marine Fisheries Service. Estimates of recreational total catch, releases, and landings are developed and collected on a per trip basis through angler interviews (22,310 interviews for 2018). The

interviews include questions about what kind and how many fish are caught, angler demographics, and other trip characteristics. In July 2018, MRIP released revised estimates of recreational landings, discards, and effort to calibrate for the transition from the Coastal Household Telephone Survey (CHTS) to the Fishing Effort Survey (FES) as well as the Access Point Angler Intercept Survey (APAIS). These estimates encompass the entire timeseries dating back to 1981 and replace the prior MRFSS/MRIP calibrated estimates. Prior to this, uncalibrated MRFSS/MRIP estimates (BASE) or ratio-based ad-hoc calibrated estimates were used in stock assessments. The newly revised calibration method utilizes APAIS- and FES-calibrated estimates (FCAL) and are presented here.

The third source of information on Florida's marine resources comes from FWC's Fishery Independent Monitoring (FIM) program (FIM program staff 2018). This program uses a stratified, random design to collect information on the animal populations directly instead of through catch-rate data taken from the fishery. Strata are primarily defined by depth, shore type (overhanging or not), and bottom vegetation (seagrass or not). Information for the determination of age, growth, and reproduction, while monitoring abundance of young-of-the-year (YOY, age-0) and larger fishes is also collected. Since the prevalence of gross external abnormalities in fish is a good indicator of anthropogenic disturbance in estuaries (Sindermann 1979), the FIM Program actively examines fish and selected invertebrates larger than about three inches (75 mm) standard length or carapace length since 1999 for evidence of these abnormalities. This information is presented among the individual species accounts.

The FIM data included were collected monthly since 1996. In addition to young-of-the-year indices (the definition of young-of-the-year being all those animals below a certain species-specific length approximating the size at age 1), this report provides post-young-of-the-year indices which comprise animals greater than the critical length used to assign animals as young-of-the-year. Atlantic coast young-of-the year data included in this year's analyses were collected by 70' center-bag seine in the northern Indian River Lagoon from Melbourne Beach to north of Titusville. Atlantic coast post-young-of-the-year data were collected from 1997 onwards in 600' center-bag haul seines in the Indian River Lagoon from the Banana River south to Jupiter Inlet. Gulf coast young-of-the-year data included in this year's analyses were collected in Tampa Bay, Charlotte Harbor, and estuarine portions of associated tidal rivers (Alafia, Little Manatee, Manatee, Braden, Myakka, and Peace) by monthly 70' center-bag seining and 20' otter trawl (trawling is undertaken monthly in the rivers and during fall in the bay proper). Gulf coast post-young-of-the-year data were collected in 600' haul seines from 1996 onwards in Tampa Bay and Charlotte Harbor. These data are comparable over the period reported on in this report (1997-2018).

Data from these three sources provide information on 998 species or groups and several market categories, which are encountered by the recreational sector, commercial sector, or FIM program. Data from recreational sampling and fishery-independent sampling are most often recorded at the species level while; the commercial fisheries are frequently reported in market categories that may include more than one species. Therefore, to facilitate comparison, we aggregate the data from the recreational sector and FIM programs into the commercial categories. Ultimately, we collapsed all of the data into 88 categories. Some categories include a single species, and others, such as "Flounders," were aggregates of multiple species. Twenty species/groups included in the Appendix are currently of

limited interest to fisheries managers but are listed because of their conservation/ecological importance or possible future importance as exploited fisheries, e.g., small mojarras, large mojarras, stingrays, cownose rays, pipefishes, and hardhead catfish. However, the status of these groups was not determined or included in the 88 species/groups in Table 1.

We calculate standardized annual catch rates for the forty-eight species or species categories included in the "Species Accounts" section and a number of species/categories included in Table 1 and Appendix A. The standardization procedure uses general linear models to adjust the mean observed catch rates to account for year-to-year differences in the timing and location of the catch and changes in characteristics of the fishing trips (e.g., number of anglers, length of time fishing) for the commercial and recreational sector. Commercial landings per trip were standardized over the period 1992 through 2018 when information on fishing gear was most complete. For the recreational sector, standardized indices were based on angler intercepts where a species was caught or targeted and included data from 1982 through 2018. For the FIM data, we standardized the index using a generalized linear model to predict the proportion of sets that caught particular fish each year. Catch rates derived through the standardization process are back-transformed arithmetic means. For the remainder of the categories where we simply present average catch rates, the commercial catch rates were calculated as the landings in pounds divided by the number of trips and the recreational catch rates were calculated as the average total catches, in numbers of fish, from the trips that targeted or caught a species/group. For FIM data, we use the proportion of positive sets as a simple index of abundance of young-of-the-year (age 0 based on length) or post-young-of-the-year for most animals. However, for some of the smaller fishes caught during FIM sampling (e.g., gobies and blennies) these proportions were estimated for all fish caught.

In 1997, we started using a more objective and consistent process to evaluate the status of each species or group. The evaluation process uses the results of recent stock assessments, if available. Otherwise, linear regressions of the catch rates for the five most recent years were conducted, and the significance levels ($P < 0.10$, 0.05, and 0.01) of the regressions were used in the status evaluation. Since the patterns may be nonlinear, we also looked at the number of times that the catch rates had declined in the last three years. Any category that had declines in all three years was noted even if the regression was not significant. As a general rule, if a species or group had less than an annual average of 100 commercial trips and 100 recreational interviews and a very low fisheries-independent monitoring catch rate, it was deemed to have insufficient data to evaluate its status. If fisheries dependent data was deemed insufficient, the fishery independent monitoring data does not override fishery dependent data and was judged to not provide adequate information for potential evaluation.

RESULTS

The following table shows the top ten species or groups by pounds harvested in 2018 by commercial and recreational anglers along the Atlantic and Gulf coasts of Florida:

	Gulf Coast			Atlantic Coast	
	Species or group	Landings (pounds)		Species or group	Landings (pounds)
1	Food Shrimp*	12,681,273	1	Dolphin	6,840,831
2	Striped Mullet	9,524,197	2	Red Snapper	5,730,373
3	Red Snapper	7,291,087	3	King Mackerel	5,690,853
4	Spiny Lobster	5,623,443	4	Red Drum+	4,809,909
5	King Mackerel	5,576,807	5	Bluefish	4,563,406
6	Spotted Seatrout	5,392,867	6	Spanish Mackerel	4,257,570
7	Blue Crab	5,351,436	7	Sheepshead	3,917,183
8	Red Grouper	4,896,486	8	Food Shrimp*	3,627,134
9	Sheepshead	3,996,552	9	Jack Crevalle	3,222,599
10	Spanish Mackerel	3,933,798	10	Little Tunny (Bonito)	3,035,676

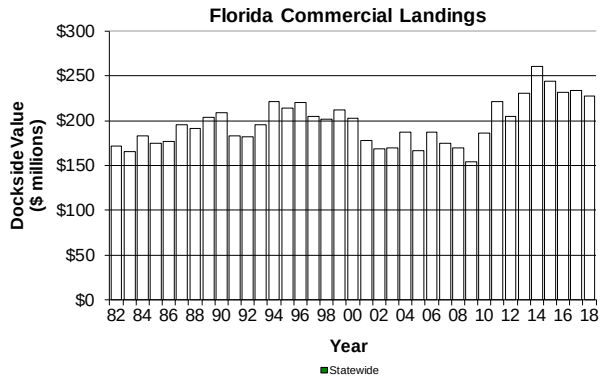
*No recreational harvest estimate was available, so landings include only the reported commercial harvest. Food Shrimp category reported here includes only White, Brown, and Pink Shrimp species. Rock, Royal Red, and other shrimp species are included with these in the landings estimates below.

+Recreational harvest only as commercial harvest is prohibited.

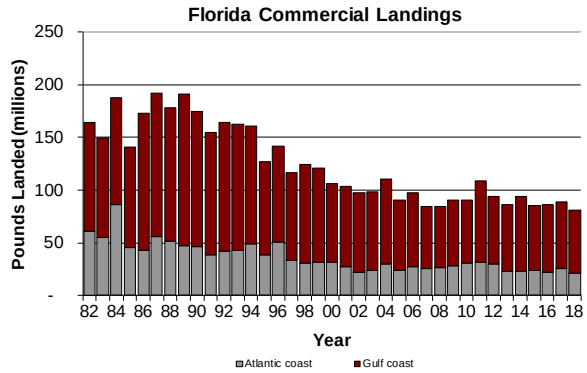
Commercial Fishery

In 2018, the commercial fishery (not including marine life categories) landed approximately 80.5 million pounds of saltwater products from 169,603 fishing trips with a dockside value of about $US 226.6 million (Fig. 1a). There were about 43.3 million pounds of finfish (valued at $US 81.7 million), 14.0 million pounds of shellfish ($US 77.8 million), 18.0 million pounds of food shrimp ($US 41.8 million), and 1.6 million pounds of bait shrimp ($US 7.2 million). In 2018, commercial landings and total number of fishing trips for both coasts decreased (Fig. 1b; Fig. 1c). An increased total of 24.8 million marine life organisms were harvested in 2018 for a value at $2.6 million (Fig. 1e; Fig. 1f). To sell their catch, commercial fishers are required to possess a Saltwater Products License (SPL). This year, about 6,090 SPL-holders reported landings of wild-caught fisheries products (Fig. 1d).

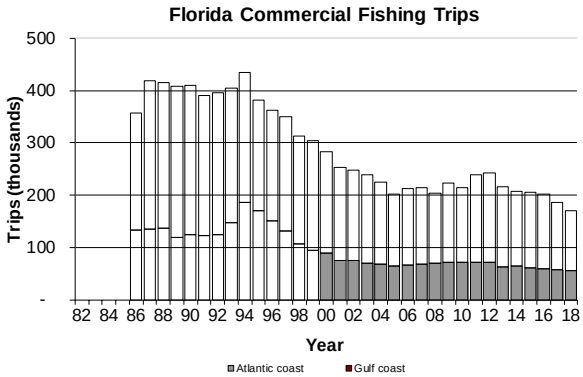
a) Statewide dockside value of commercial landings



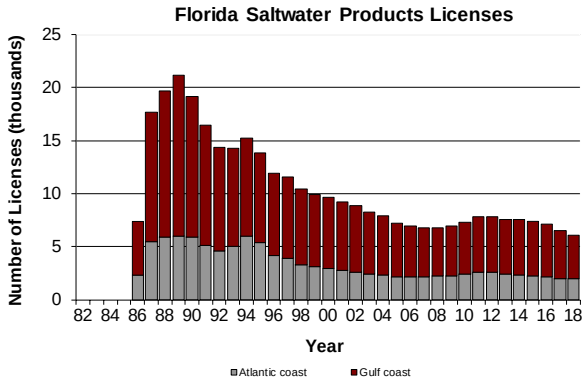
b) Pounds of commercial landings by coast



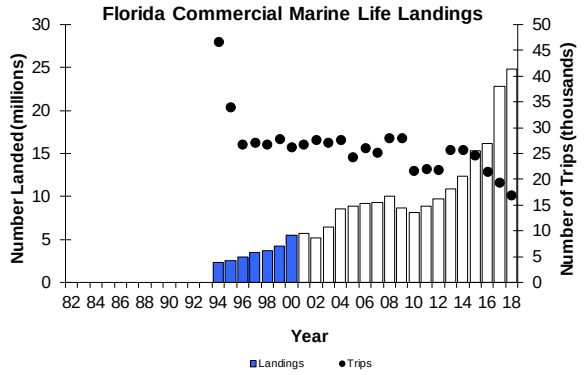
c) Number of commercial fishing trips by coast



d) Number of Saltwater Products Licenses by coast



e) Marine Life Landings (numbers of organisms) and Trips



f) Statewide dockside value of comm. marine life landings

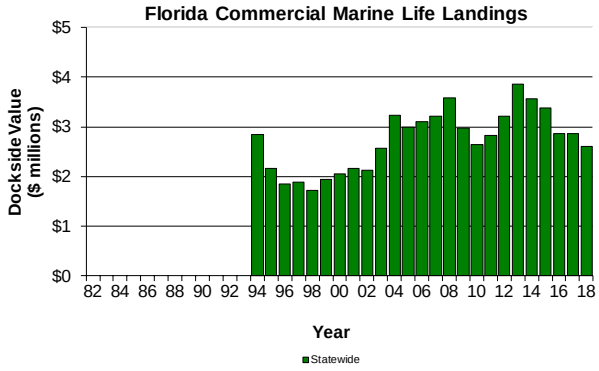
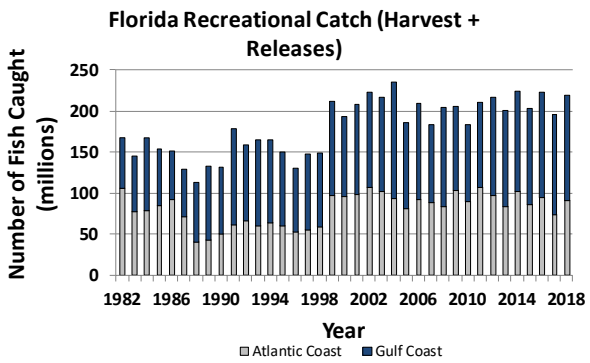


Figure 1. The (a) annual ex-vessel value of the food fish/shellfish commercial landings in Florida during 1982-2018, (b) commercial landings of food fish/shellfish made on the Gulf and Atlantic coasts of Florida during 1982-2018, (c) annual number of commercial fishing trips reporting food fish/shellfish landings on made on the Gulf and Atlantic coasts of Florida during 1986-2018, (d) the annual number of saltwater products license holders reporting landings on made on the Gulf and Atlantic coasts of Florida during 1987-2018, (e) the annual number of marine life units landed and the annual number of trips reporting landings in Florida during 1994-2018, and (f) the annual ex-vessel value of the marine life landings in Florida during 1994-2018. Trips and license numbers were not available before 1986 and 1987, respectively, for the food fish/shellfish fishery and before 1994 for the marine life fishery. No landings of aquacultured products, the associated 'trips' or SPL license-holders who exclusively landed aquacultured products in a given year are included in these data. Note that the statistics for the marine life component of Florida's commercial fisheries are not included in panels a-c but are included in panel d.

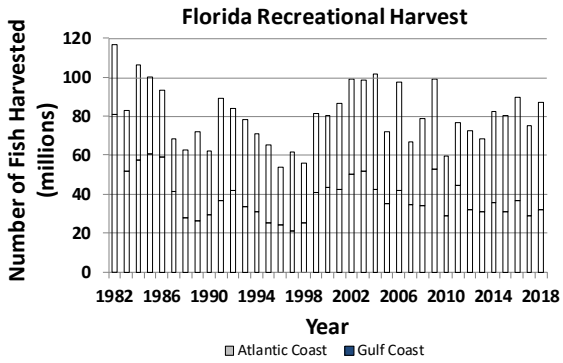
Recreational Fishery

During the 2018–2019 fiscal year (July through June), the commission issued 428,163 Saltwater Fishing licenses to Florida residents, 230,538 Saltwater Shoreline Fishing licenses to Florida residents, 521,995 Saltwater Fishing licenses to non-residents, 208,452 combination annual licenses for freshwater and saltwater fishing or hunting, 18,174 five-year or lifetime saltwater fishing licenses, 63,618 other combination licenses that included saltwater fishing (Lifetime Sportsman and Gold Sportsman) for a total of 1.47 million licenses (McIntyre 2019). During calendar year 2018, anglers made 82.5 million trips, caught 219.7 million fish, and kept 87.1 million fish that had an estimated minimum landed weight (weights are not available for all species) of 56.4 million pounds (Fig. 2a-d). The total number of estimated fish caught by anglers has been variable but stable with a long-term upward shift in catch having started around 1999 and lasting through 2018 (Fig. 2a). Harvest trends decreased overall from 1982-1998, then increased to a variable but stable trend through 2018 (Fig. 2b). Estimated harvest in weight for available species has decreased overall in trend for the timeseries (Fig. 2c), but note that weights are not available for all fishes landed by anglers. The number of trips increased in trend from 1982-2004, then decreased slightly through 2016, before increasing slightly in 2017/2018 (Fig. 2d).

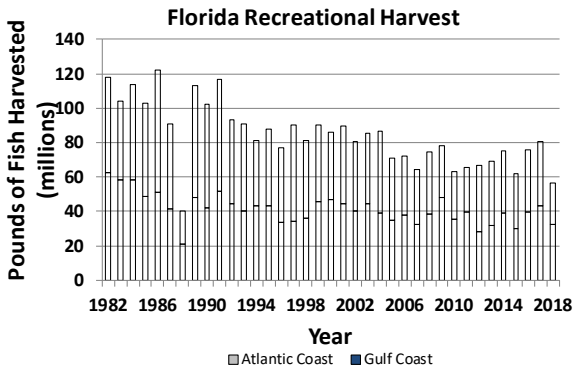
a) Total recreational catch (harvested and released fish)



b) Number of fish harvested recreationally



c) Minimum pounds of fish harvested recreationally



d) Number of recreational fishing trips

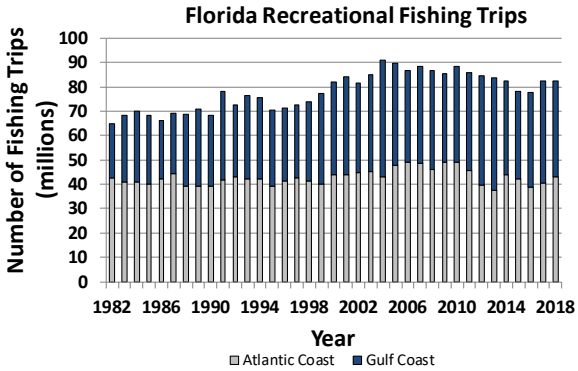


Figure 2. The (a) estimated total recreational catch made on both coasts of Florida during 1982-2018, (b) estimated number of fish harvested by anglers on both coasts of Florida during 1982-2018, (c) the minimum weight of the harvest by anglers (weights are not available for all fishes landed by anglers) on both coasts of Florida during 1982-2018 and (d) the estimated number of trips taken by anglers fishing along both coasts of Florida during 1982-2018.

Trend Analyses

We continue to remind readers that these trend summaries are **not stock assessments**. These summaries, our annual reviews of species information from a variety of programs, are an attempt to provide managers with a timely synopsis of recent changes in catch, effort, catch rates, and recruitment for a large number of species or groups, especially those for which stock assessments are not conducted. Thus, a cautionary note contained in this year's document may be dispelled with additional information in future years.

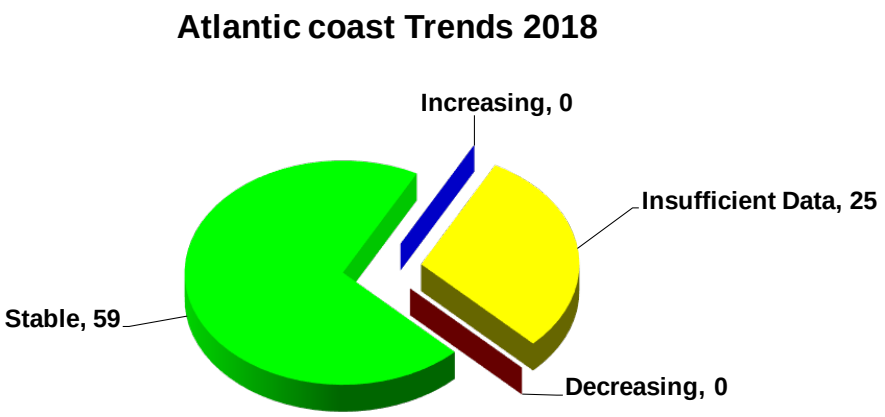
We summarize the most recent 10 years of data (2009-2018) for the annual number of trips made, number of intercepted trips made by anglers who had caught or targeted the species/group, number of FIM sets, landings, catch rates, and encounter rates for 88 species/group listed in Table 1 (Appendix A). The "status" of the species/group is presented in Table 1, with an overview in Figure 3. As with the previous reports, the catch rates for most of the categories were neither 'increasing' nor 'decreasing'. Categories were deemed 'stable' if the catch rates varied without trend. The 'stable' label includes a variety of conditions. Some categories were considered to be stable because the catch rates were similar every year over the last five years. In contrast, other categories, such as rock shrimp, were also considered stable even though their landings and catch rates were highly variable.

On the Atlantic coast, zero species or groups were judged to be 'increasing' this year (Fig. 3, Table 2). Last year, two species or groups were judged to be 'increasing'. Zero species or groups were judged this year to be 'decreasing'. Last year, one species or group was judged to be 'decreasing'.

Three species or groups (finfish: Blue Runner; invertebrates: sponge; food shrimp: Pink Shrimp) on the Gulf coast were judged as 'increasing' this year (Fig. 3, Table 2). There were three species or groups on the Gulf coast (finfish: Tilefishes; invertebrates: oysters; invertebrates: squid) judged to be 'decreasing' this year.

The results illustrate that the status of a category can change from one year to the next as additional data accumulate and more thorough analyses are conducted (Table 2).

The trend evaluations indicate that the one species/groups judged as 'decreasing' this year in Florida waters had been in this category for the last six years (Gulf: invertebrates: oysters). There are indications of declines in commercial oyster landings on the Gulf coast from 2013-2018. However, this may not reflect the overall abundance of oysters on Florida's Gulf coast due to the commercial oyster fishery being highly regulated.



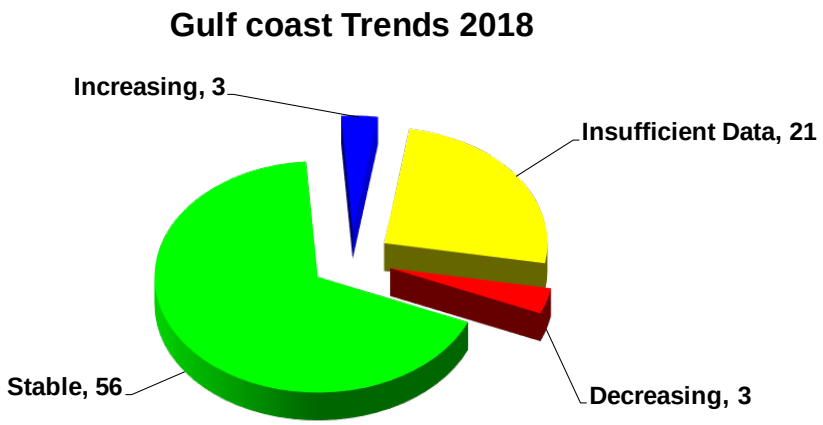


Figure 3. Trends in Florida's fisheries in 2018 (data series from 2009-2018). See Table 1 for a complete list of species/groups or Table 2 for lists of only 'increasing' or 'decreasing' species/groups.

Table 1. Consensus opinion from FWRI scientists regarding the recent condition of the fish, shellfish, or invertebrates by fisheries in Florida. Categories are defined to the lowest possible taxon using pooled MFIS trip ticket, MRIP (FCAL), and FIM data sets. The *draft* opinion about recent trends in each fishery was designated as "-" for decreasing, "0" for stable, "+", for increasing, " " for insufficient data, or "n.a." if there is not a fishery on that coast. The overall trends were based on examination of 2009$_i$ – 2018 catch-rate information; consideration was given to regulatory impacts and movement of effort into or out of fisheries. Since this exercise was designed to notify the Florida Fish and Wildlife Conservation Commission of recent changes in Florida fisheries, the focus was on the most recent five years. Stock condition is given for those species and groups for which conclusive assessments are available. Code "A yyyy" in the comment field indicates that the species had an assessment developed in year yyyy, and "S" indicates that standardized catch rates were generated for the commercial (subscript $_c$), recreational (subscript $_r$), or fishery independent monitoring (subscript $_i$) data.

Species or Group	Stock Trend		Stock Condition	Comments
	Atlantic	Gulf		
FINFISH				
Amberjack	0	0	Gulf: overfished, overfishing S. Atl: not overfished, no overfishing	[A, 2016 Gulf (SEDAR 33 Update, Gr. Amberjack), 2007 South Atlantic (SEDAR 15, Gr. Amberjack), S_{cr}]. Pending assessments for South Atlantic (SEDAR 59) and Gulf of Mexico Amberjack (SEDAR 70)
Ballyhoo	0	0	FL coastwide: not overfished, no overfishing	[A, 2013 update, S_c] Atlantic commercial landings and catch rates elevated from 2015-2018
Blue Runner	0	+		[S_{cr}]
Bluefish	0	0	S. Atl.: overfished, no overfishing	[A, 2019 Atlantic, S_{cr}]
Bonefish				[S_r] Game fish (Insufficient data)
Catfish	0	0		[A, 1996, S_{cri}] Stable for gafftopsail and hardhead
Cobia	0	0	S. Atl.: not overfished, no overfishing Gulf: Status indeterminate	[A, 2013 Gulf (SEDAR 28), 2019 South Atlantic (SEDAR 58) S_{cr}]
Croaker	0		Atl.: Status indeterminate	[A, 2017 Atlantic (ASMFC), S_{cri}] Gulf uncertain. Atlantic recent removals likely sustainable
Dolphin	0	0	Atl. Status unknown	[A, 2000, S_{cr}]. Decreased comm. catch rates in Gulf 2014-2018
Drum, Black	0	0	Atlantic: not overfished, no overfishing	[A, 2015 Atlantic (ASMFC), S_{cr}]
Drum, Red	0	0	FL coastwide: not overfished, no overfishing	[A, 2017, Atlantic (ASMFC; 2015 SEDAR 44), Gulf (2016 SEDAR 49), S_{ri}]. Limited data caused removal from SEDAR 49 analysis of Gulf stock. Florida assessment pending 2020
Flounders	0	0	FL coastwide Atl: Southern Flounder: overfished, overfishing FL coastwide Gulf: Gulf Flounder: healthy S. Atl coastwide: Southern Flounder: overfished, overfishing	[A, 2019, S_{cri}] Gulf Flounder stable on West coast Florida, Southern Flounder overfished and undergoing overfishing on East coast Florida. Southern Flounder assessment for Atlantic coast [A, 2019, NCDMF, S_{cri}) in 2019, stock overfished and undergoing overfishing.
Grouper, Black	0	0	Gulf and S. Atl: Status unknown	[A, 2010, SEDAR 19, S_{cr}] 2017 SEDAR 48 halted due to data issues, particularly with landings data; historical landings confused with gag.
Grouper, Gag	0	0	Gulf: Healthy S. Atl.: overfishing, not overfished	[A, 2016 Gulf (SEDAR 33 Update), 2014 South Atlantic (SEDAR 10 Update), S_{cri}] Highly regulated. Gulf rec. minimum size limit increased in 2016

Species or Group	Stock Trend		Stock Condition	Comments
	Atlantic	Gulf		
Grouper, Red	0	0	Gulf: overfished, overfishing S. Atl.: overfished, overfishing	[A, 2019 Gulf (SEDAR 61), South Atlantic 2001, (2017, SEDAR 53) S_{cr}]. Gulf coast comm. catch rates declining from 2014-2018
Grouper, Scamp	0	0		[A, 1997 Gulf, 2001 Atlantic, S_{cr}] Pending Gulf of Mexico and Atlantic assessment in 2021 (SEDAR 68)
Grouper, Snowy	0	0	S. Atl.: Overfished, not overfishing	[A, 2013 Atlantic (SEDAR 36), Gulf (SEDAR 49),S_c]. Results from Gulf assessment not recommended for providing management advice.
Grouper, Warsaw				[S_c] Closed by FWC in 1994, sharply reduced by feds. Highly regulated Gulf fishery.
Grouper, Yellowedge		0	Gulf: not overfished, not overfishing	[A, 2011 Gulf (SEDAR 22) S_c] Regulated by federal councils. Insufficient data on Atlantic coast
Grunts	0	0	Fl coastwide: unknown	[A, 2000, S_{ci}] Atlantic and Gulf coast comm. catches low in recent years
Atlantic Thread Herring		0	Fl coastwide: unknown	[S_{cri}] Insufficient Atlantic comm. and rec. data
Hogfish	0	0	FLK/EFL stock: overfished, undergoing overfishing WFL shelf stock: Not overfished, no overfishing	[A, 2014, (SEDAR 37); A, 2017, (SEDAR 37 Update), S_{cr}] 3 stocks were evaluated: Florida Keys/East Florida, West Florida Shelf, and Georgia-North Carolina stock.
Crevalle Jack	0	0	Fl coastwide: unknown	[S_{cr}]
Kingfish ("whiting")	0	0	Fl coastwide: unknown	[S_{cri}]
Ladyfish	0	0	Fl coastwide: unknown	[S_{cri}] Gulf rec. catch rates increased in 2013-2018
Mackerel, King	0	0	S. Atl. and Gulf: Not overfished, no overfishing	[A, 2013 Atlantic & Gulf (SEDAR 38), S_{cr}]
Mackerel, Spanish	0	0	S. Atl.: Not overfished, not overfishing Gulf: Status indeterminate	[A, 2012 Atlantic (SEDAR 28), A, 2013 Gulf (SEDAR 28)]
Menhaden	0	0	Atlantic: not overfished, no overfishing Gulf: not overfished, no overfishing	[A, 2019 Atlantic (SEDAR 69), 2018 Gulf (SEDAR 63), S_{cr}] Regulated by state and the ASMFC
Mojarras	0	0		[S_i]
Mullet, Striped	-	0	FL Gulf and FL Atl: Not overfished, no overfishing	[A, 2014, S_{cri}]
Mullet, White (Silver)	0	0	FL Gulf: Healthy FL Atl: undetermined status	[A, 2012 Florida Gulf and Atl. waters, S_{cri}]
Permit	0	0	Fl coastwide: unknown	[A, 1996, S_{cri}] Atlantic comm. trips lowest in 2017-2018 likely due to regulatory changes.
Pinfish	0	0	Fl coastwide: unknown	[S_{cri}]
Pompano	0	0	Atl: overfished, may be undergoing overfishing Gulf: not overfished, not overfishing	[A, 2009, S_{cr}]
Porgies	0	0	S. Atl.: Overfished, not overfishing (red porgy)	[A, 2012 Atlantic (SEDAR 1 update, Red Porgy)] [Gulf Sr] Red Porgy is currently being re-assessed (SEDAR 60) in 2020
Sand Perch				Insufficient data on both coasts
Sardine, Scaled				Insufficient data on both coasts. Low confidence in recreational estimates. Gulf FIM data show long term declines in baitfish abundances from 1994 to present. Gulf comm rates increased in 2017-2018
Sardine, Spanish				[S_c] Regulated by state, insufficient data on both coasts; Gulf FIM data show long term declines in baitfish abundances from 1994 to present.

Species or Group	Stock Trend		Stock Condition	Comments
	Atlantic	Gulf		
Scad, Bigeye	0			Comm. Regulation. Insufficient data on Gulf. Gulf FIM data show long term declines in baitfish abundances from 1994 to present.
Scad, Round				Insufficient data on both coasts. Gulf FIM data show long term declines in baitfish abundances from 1994 to present.
Seatrout, Sand				Insufficient data on both coasts; identity confused. Gulf $S_{i.}$ young of the year decreased from 2014-2018
Seatrout, Silver				Insufficient data on both coasts; Gulf comm. catches lowest in 2016
Seatrout, Spotted	0	0	Southwest and Southeast FL: meeting management target	[A, 2018, $S_{cri.}$] Northwest and Northeast regions not meeting management targets
Seatrout, Weakfish	0	n.a.	Atlantic: stock depleted	[A, 2019, 2016, 2009 (ASMFC), $S_{cr.}$] FL: Hybridizes with sand seatrout.
Shad spp.	n.a	n.a.		Commercial fishery eliminated by regulation
Shark spp.	n.a.	n.a.	Sandbar Shark: Overfished, no overfishing	[A, 2006, 2007] Regulated by NOAA and federal councils, composite of many species with differing status, trend is not informative. [A, 2017, Atlantic and Gulf Sandbar shark (SEDAR 54), $S_{cr.}$] Pending Atlantic Blacktip Shark assessment, SEDAR 65, 2020
Shark fins	n.a.	n.a.		Regulated by NOAA and federal councils, composite of many species with differing status, trend is not informative
Sheepshead	0	0	Gulf: Healthy Atlantic: Healthy	[A, 2017 (FL), $S_{cri.}$]
Snapper, Gray	0	0	Gulf: not overfished, undergoing overfishing	[A, 2018 Gulf (SEDAR 51), $S_{cri.}$]
Snapper, Lane		0	Gulf: Status unknown S. Atl.: Status unknown	[A, 2016 Gulf (SEDAR 49), $S_{cr.}$]. Data-limited assessment in terms of probabilities. Increasing rec. Gulf catch rates
Snapper, Mutton	0	0	Gulf and S. Atl.: not overfished, not overfishing	[A, 2015 Atlantic & Gulf (SEDAR 15A update), $S_{cr.}$]
Snapper, Red	0	0	Gulf: overfished, not overfishing S. Atl.: overfished and overfishing	[A, 2018 Gulf (SEDAR 52), 2017 South Atlantic (SEDAR 41), $S_{cr.}$] Heavily regulated by federal councils.
Snapper, Silk		0		[A, 2011 Caribbean (SEDAR 26)] Undergoing overfishing, stock biomass status unknown. Regulated by State. Insufficient data on Atl. coast.
Snapper, Vermilion	0	0	Gulf and S. Atl.: not overfished, not overfishing	[A, 2016 Gulf (SEDAR 45), 2018 South Atlantic (SEDAR 55), $S_{cr.}$]
Snapper, Yellowtail	0	0	Gulf and S. Atl.: not overfished, not overfishing	[A, 2012 Atlantic & Gulf (SEDAR 27A), $S_{cr.}$]. SEDAR 64 Assessment pending for 2019
Common Snook	0	0		[A, 2015, $S_{r.}$] Based on 2015 assessment: Atlantic coast is below management target and above target on Gulf coast.
Spot	0	0	Atlantic: overfishing unlikely, stock status undetermined	[A, 2017 (ASMFC) 1997, $S_{cri.}$]
Swordfish	0			Regulated by NOAA. Highly migratory
Tarpon				[$S_{r.}$] Game fish; imprecise harvest estimates
Tilapia	0	0		[$S_{ci.}$] Gulf comm rates decreased from 2015-2018
Tilefish	0	-	Gulf: not overfished, not overfishing S. Atl: not overfished, overfishing Blueline Tilefish S. Atl: unknown	[A, 2011 S. Atl (SEDAR 22 Tilefish), 2017 S. Atl (SEDAR 50 Blueline Tilefish), Gulf (SEDAR 25 Tilefish), $S_{cr.}$]. Pending South Atlantic Tilefish assessment SEDAR 66 in 2020.

Species or Group	Stock Trend		Stock Condition	Comments
	Atlantic	Gulf		
Triggerfish	0	0	Gulf: overfished, not overfishing S. Atl: not overfished, not overfishing	[A, 2013 Gulf (SEDAR 43 Gray Triggerfish), 2014 Atl (SEDAR 41 Gray Triggerfish) S_{cr}] Pending Gulf Triggerfish assessment SEDAR 62 in 2020
Tripletail	0			[A, 1996, S_{cr}] Insufficient data on Gulf coast
Tuna, Bigeye	0			Regulated by NOAA. Insufficient data on Gulf coast.
Tuna, Blackfin	0	0		Regulated by NOAA
Tuna, Bluefin				Regulated by NOAA, insufficient data
Tuna, Skipjack				Regulated by NOAA, insufficient data
Tuna, Yellowfin	0			Regulated by NOAA.
Little Tunny	0	0		[A, 2002 Gulf, S_c] Requires comm. data evaluation
Wahoo	0	0		Regulated by NOAA. Atlantic comm. catch rates trending up recent years
SHELLFISH				
Hard clams				[S_c] Regulated by state; status for wild-caught only. Landings may include cultured clams. Insufficient data on Gulf coast
Conch				Insufficient data either coast
Crab, Blue	0	0	Gulf and S. Atlantic: not overfished, not overfishing	[A, 2012, S_{ci}] Florida Gulf and Atlantic assessment.
Crab, Stone	0	0	overfishing	[A, 2011, S_c] Florida statewide assessment.
Lobster, Spanish				Insufficient data on both coasts
Lobster, Spiny	0	0		[A, 2005, A 2019 (SEDAR 57) pending S_c] Atlantic and Gulf comm rates elevated in 2018
Octopus		0		Insufficient data on Atl. coast
Oysters	0	-		[S_c] Gulf comm. catch rates trending down in 2006-2018
Calico Scallops				[S_c] Highly variable landings, recent insufficient data
Squid		-		Highly variable
SPONGES				
Sponge		+		Insufficient data on Atlantic coast. Gulf comm rates trending up from 2011-2018
SHRIMP				
Shrimp, brown	0	0		[S_c]
Shrimp, pink	0	+		[S_c] Atlantic comm rates elevated in 2017-2018
Shrimp, rock		0		Insufficient data on Atlantic coast. Catch rates variable
Shrimp, white	0	0		[S_c]
Shrimp, bait	0	0		[S_c] Differing mix of species along coast
EXOTICS				
Lionfish				Insufficient data on either coast. Lionfish have appeared in recreational interviews since 2009.

Table 2. Species or categories that are judged to be either 'increasing' or 'decreasing' based on criteria explained in the text. Asterisks after the species or groups indicate the number of times that they were on this list within their current status category during the last ten status-and-trends-report updates (2009–2018 reports where the year is the year referred to in the report title not necessarily the year of publication).

ATLANTIC

INCREASING		DECREASING	
Species or group	Category	Species or group	Category
None		None	

GULF

INCREASING		DECREASING	
Species or group	Category	Species or group	Category
Blue Runner**	Finfish	Tilefishes	Finfish
Sponge (Pieces)***	Invertebrate	Oysters********	Invertebrate
Pink Shrimp**	Food Shrimp	Squid	Invertebrate

SPECIES ACCOUNTS

The purpose of the species accounts is to provide interested readers with summaries of the biology and fisheries for particular species. In this report, six managed species or groups were included in this section. The species accounts provide available: 1) life history information such as distribution, growth, reproduction, and food habits; 2) the geographic distribution of statewide landings in 2018 and the annual landings by coasts and by the commercial and recreational sectors during 1982-2018; 3) trends in commercial landings rates (1992-2018), recreational total-catch rates (1991-2018), and fishery-independent monitoring catch rates (1996 or 1997 to 2018); 4) trends in observed disease and developmental abnormalities; and 5) results of recent stock assessments. In some cases when the fishery-independent monitoring data are sparse, there are no graphs of these data in the species accounts but the data are listed in Appendix A.

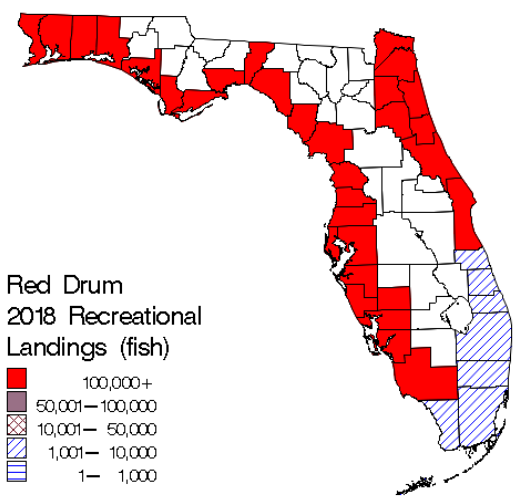
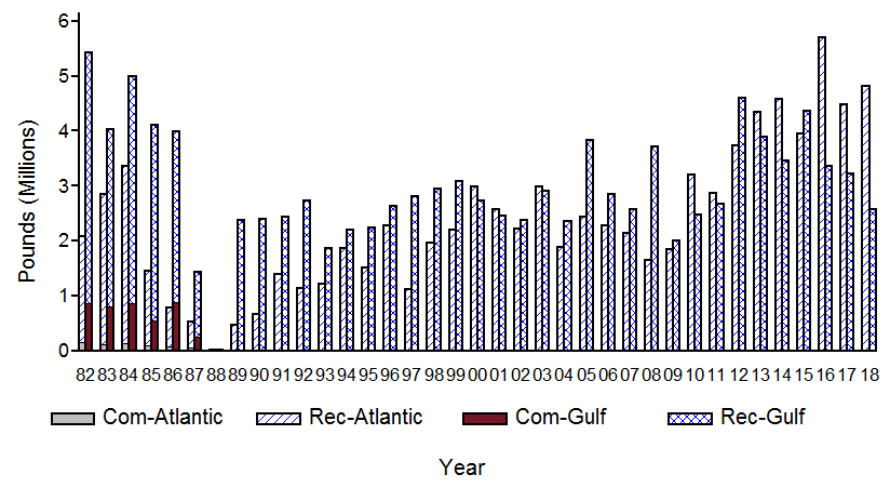
The numbers of observations from the commercial or recreational fisheries and from the fisheries-independent monitoring program listed in the Appendix will occasionally differ from those numbers found on the catch-rate graphs shown in the species accounts. The number of observations listed in the Appendix is the number of observations in the data for that specific species or group. The number of observations on the catch rate graphs can be: 1) lower if there are missing variable values associated with some of the catch data used in the standardization analysis or 2) higher if the data used in the standardization include more than just the records for a species. The latter occurs for the recreational analyses when the assumed targeted species is at an aggregate level, e.g. drums, trout, or jacks.

The geographic distribution of landings (where fish or invertebrates are brought ashore) in 2018 are shown by species or species group. Commercial fishery statistics are collected at the county level, and the distribution maps show the general level of landings (in pounds) for each species or species group by county. Recreational fishery statistics are collected by the NOAA Fisheries Marine Recreational Information Program (MRIP), but the catch and effort statistics are not available at the county level. Recreational catch and effort are estimated instead for the Atlantic and Gulf Coasts of Florida by the MRIP (see http://www.st.nmfs.noaa.gov/st1/recreational/index.html). These estimates are used to produce the maps showing the distribution of recreational landings (in terms of numbers of fish) in 2018.

Red Drum, *Sciaenops ocellatus* (Linnaeus, 1766)

Life History

Red Drum are found throughout Florida's nearshore waters. Gold and Richardson (1991) identified weakly differentiated subpopulations occurring in the northeast Gulf of Mexico, Mosquito Lagoon, and along the coasts of North and South Carolina. Seyoum *et al*. (2000) also found genetic evidence for separate populations on Florida's Gulf and Atlantic coasts but found no evidence of a separate population in Mosquito Lagoon. Red Drum along the Gulf of Mexico side of the Florida peninsula may be somewhat isolated from Red Drum in the northern and western Gulf. Rooker *et al*. (2010) assessed the degree of Red Drum population connectivity between early life and adult habitats in the northwestern GOM; results indicated the overall majority of sub-adult and adult Red Drum collected in estuaries had occupied the same region during their natal period. Newly hatched Red Drum spend about 20 days in the water column before becoming demersal (Rooker *et al.* 1999). Small juvenile Red Drum seek out and inhabit rivers, bays, canals, tidal creeks, boat basins, and passes within estuaries (Peters and McMichael 1987). Sub-adults are found in these habitats and in large aggregations on seagrass beds and over oyster bars, mud flats, or sand bottoms. Adult Red Drum are found mostly in nearshore shelf waters, except where they occur within the Mosquito-Indian River Lagoon complex on Florida's Atlantic coast. Maximum age is about 40 years in Florida (Murphy and Taylor 1990), but there are reports of Red Drum as old as 60 years in North Carolina waters (Ross *et al.* 1995). Males mature when 1–3 years old, and females mature when 3–6 years old. Red Drum spawn during the late summer and early fall in inlets, within estuaries, or in nearshore shelf waters. Juvenile Red Drum feed primarily on copepods, mysid shrimp, and amphipods (Peters and McMichael 1987). Menhaden and anchovies were the most important prey for adult Red Drum in the winter and spring; crabs and shrimp were the most important prey in the summer and fall (Boothby and Avault 1971).

2018 Red Drum Landings by Sector	Total Annual Landings (lbs.) by Coast (1982-2018)
	

Fishers landed 7,687,088 pounds in 2017 which were 8.4% lower than the previous 5-year average (2012-2016). Coastwide, 58.2% of these were from the Atlantic and 41.8% were from the Gulf. Recreational landings constituted 100% of the total landings (comm. harvest prohibited).

Atlantic Coast

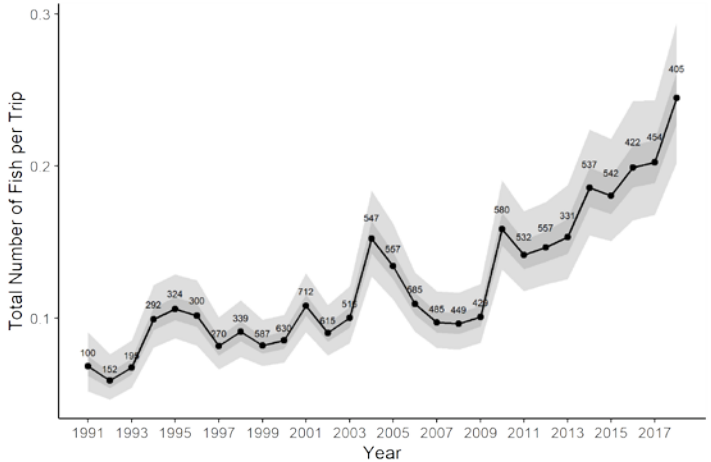
No Data Available

Gulf Coast

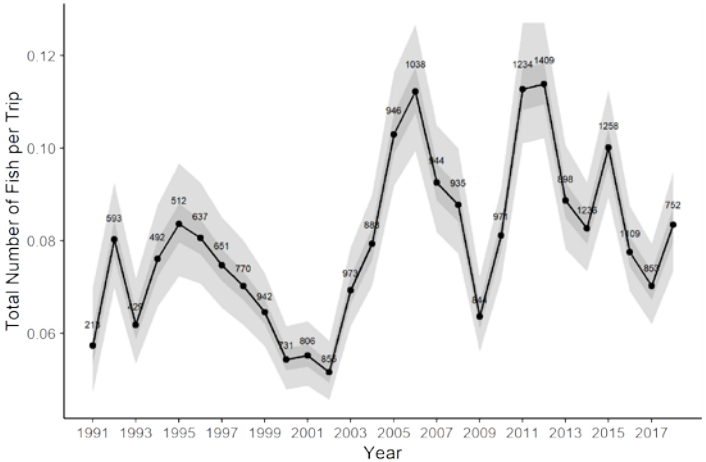
No Data Available

Standardized Commercial Catch Rates: Commercial harvest of Red Drum has been prohibited in the state of Florida since 1987.

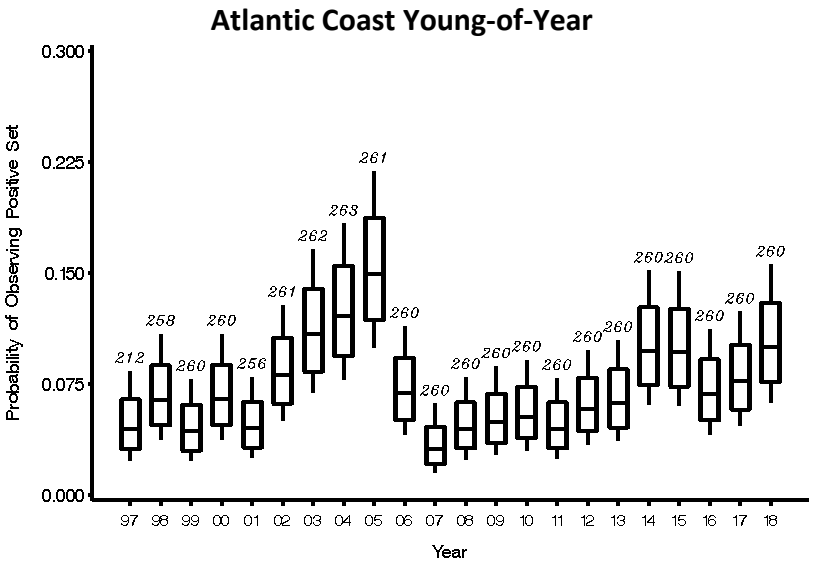
Atlantic Coast

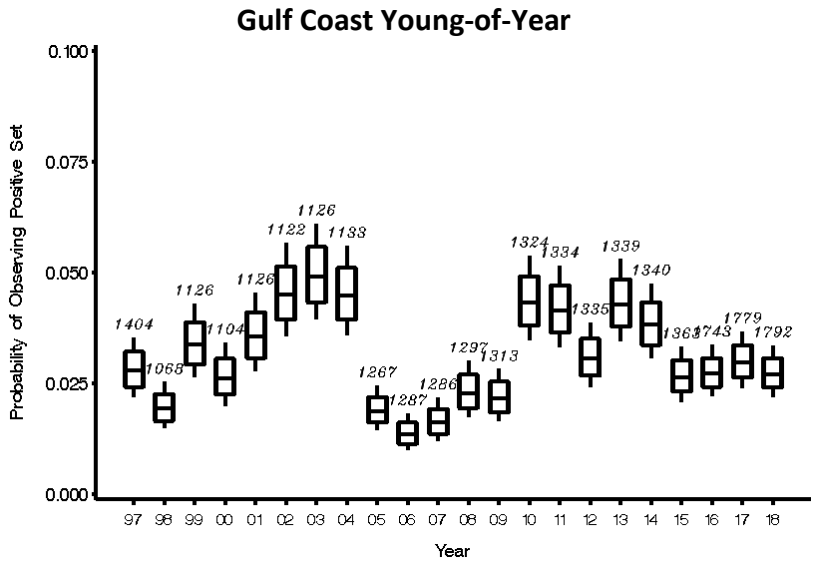


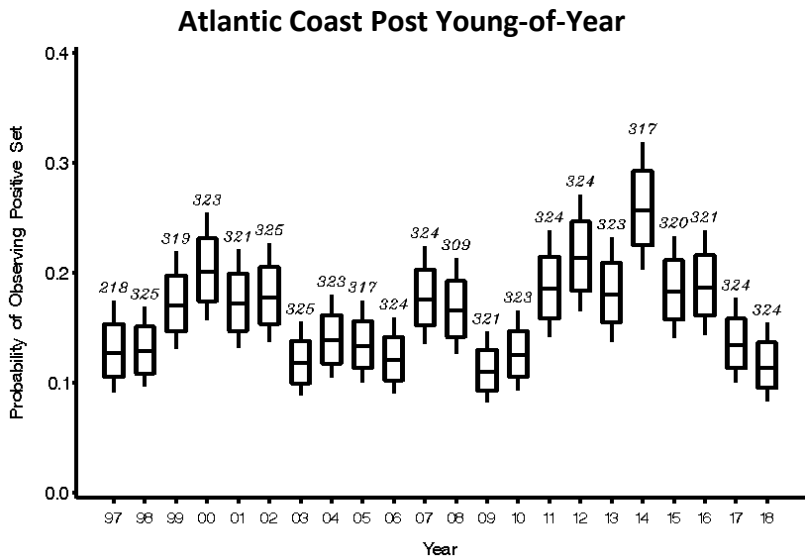
Gulf Coast

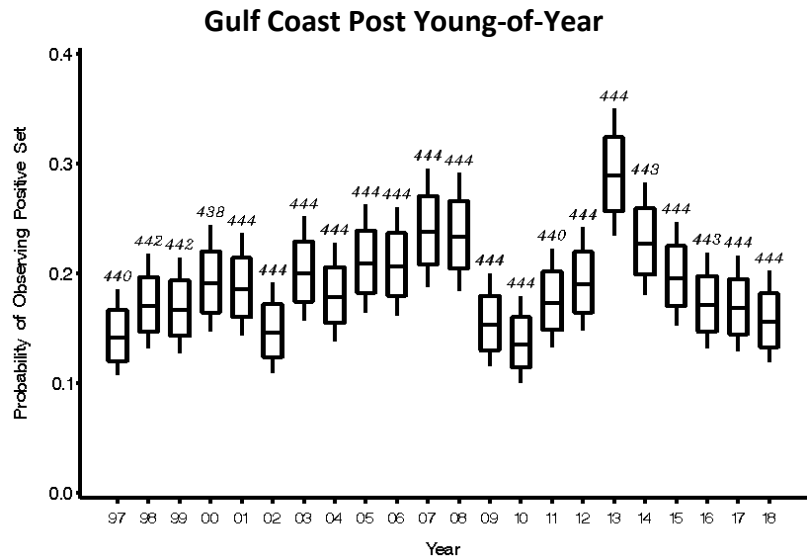


Standardized Recreational Total Catch Rates: Total catch rates for recreational anglers on the Atlantic coast have varied with an overall increasing trend. Gulf coast standardized catch rates show a variable pattern overall with the lowest catch rates in 2000-2002 and notable peaks in 2006 and 2011-2012. Dark grey figure lines represent first and third quartiles while the light grey lines represent the 2.5% – 97.5% quantiles.

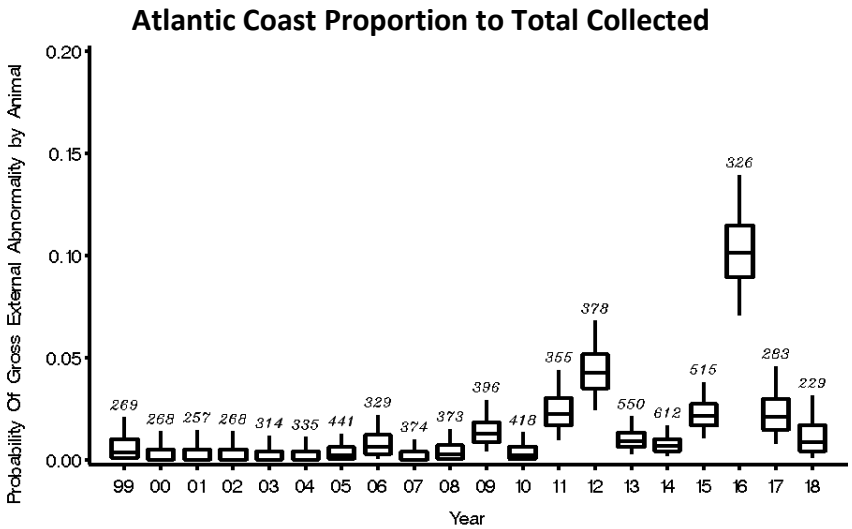


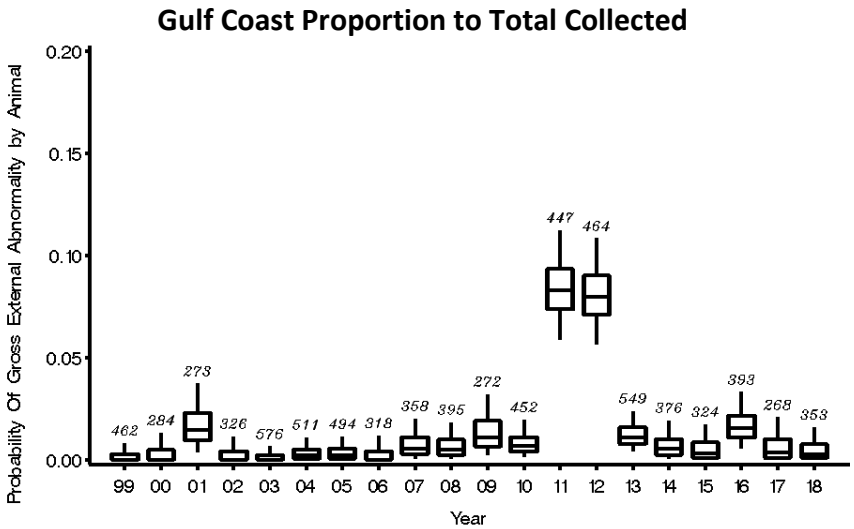


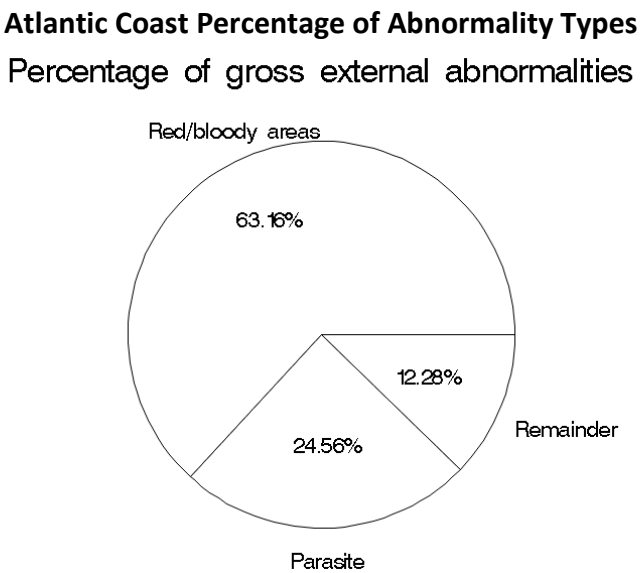


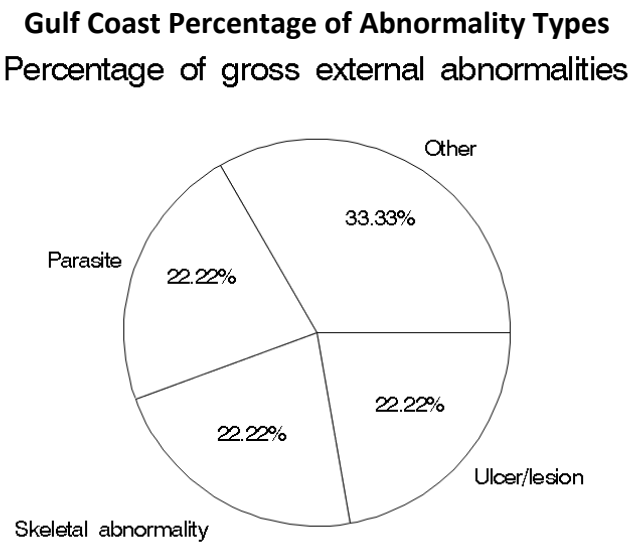


<u>Fishery-Independent Monitoring</u>: Young-of-the-year (YOY) Red Drum on the Atlantic coast experienced stronger recruitment in 2003-2005 and an overall slightly increasing trend over the past decade. Gulf coast YOY abundance trends were higher in 2002-2004, 2010-2011, and 2013-2014. Post-YOY abundances varied without trend on the Atlantic coast with a notable high in 2014. The Gulf coast post-YOY index increased in trend through 2008 with a notable high in 2013. Abundances have decreased in trend for both coasts in recent years.









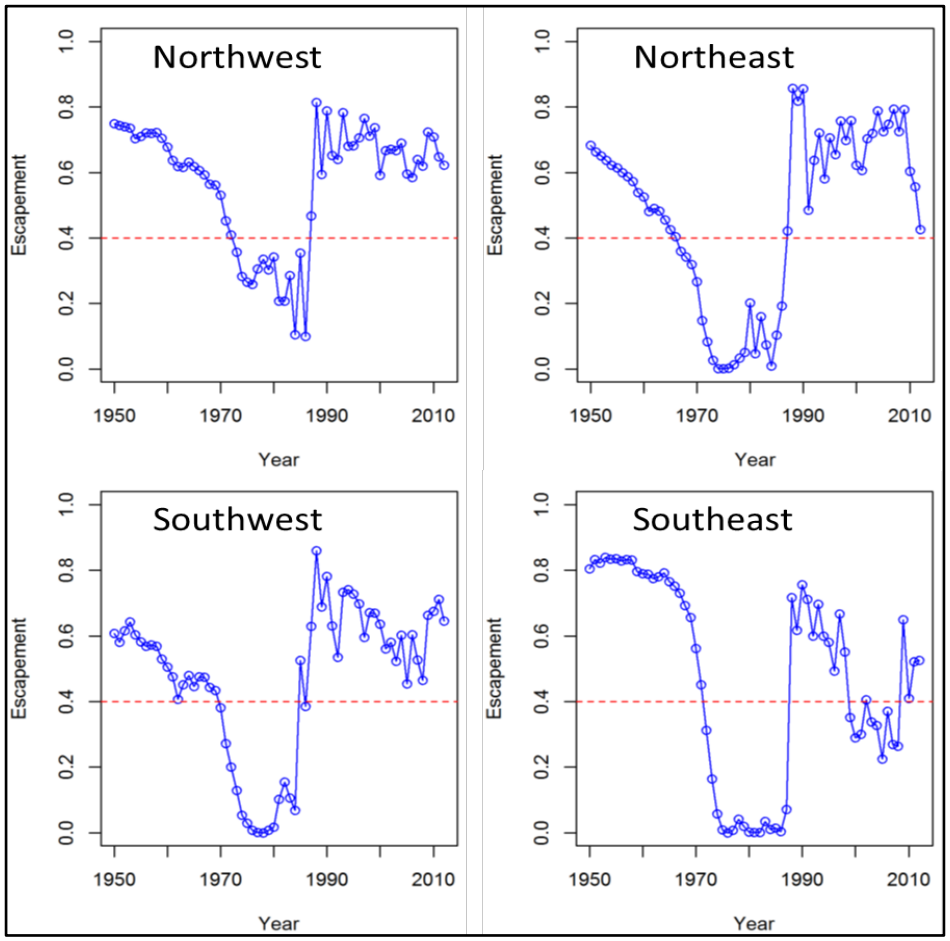
Fish Health: On the Atlantic coast, the highest proportions exhibiting external abnormalities were collected in 2012 and 2016, while the proportion of effected Red Drum on the Gulf coast varied with a steep increase in 2011-2012. In 2018, red and bloody areas were the most common gross abnormalities encountered on the Atlantic coast, followed by parasites and other. On the Gulf coast, a variety of common gross abnormalities were encountered including parasites, skeletal abnormalities, ulcers/lesions and other.

Stock Status

Current Condition: B-ratios of $SSB_{current}/SSB_{SPR35\%}$ and F-ratios of $F_{current}/F_{SPR35\%}$ from four assessment regions indicate that Red Drum are currently neither overfished nor undergoing overfishing in Florida. Estimates of escapement rates also exceeded the Commission's target of 40% (Chagaris et al. 2015).

Management History: Red Drum is managed for recreational fishing in Florida as commercial harvest has been prohibited since 1987. Red Drum have a minimum size slot limit between 18 – 27 inches total length. In the northeast zone, there is a 2 fish per person per day limit and an 8 fish vessel limit while in the northwest and southern zones there is a 1 fish per person per day limit and an 8 fish vessel limit. All state waters from the Pasco/Hernando county line through Gordon Pass in Collier County is catch-and-release only through May 10, 2019.

Stock assessments for Florida Red Drum have changed considerably over time. Early assessments utilized localized tag-recapture information and assumptions about tag retention and angler reporting rates to infer fishing mortality rates which were combined with life history information to establish estimates of static spawning potential ratios (*SPR*) and conduct yield-per-recruit (YPR) analyses (Murphy *et al.* 1990). As annual age sampling increased, assessments began using age-structured techniques. Results from the 2008 statistical catch-at-age assessment (Murphy and Munyandorero 2008) showed that the estimates for year-class-specific escapement rates in 2007 exceeded the Commission's target of 40% for both the Gulf and Atlantic coasts of Florida. The 2011 assessment (Murphy 2011) included an analysis of Red Drum within northern and southern regions on the Atlantic and Gulf coasts of Florida, reflecting stakeholders input regarding regional management of Red Drum fishery. Both it and the most recent 2015 assessment (Chagaris et al. 2015) indicate the Florida stock is neither overfished nor experiencing overfishing and estimates of escapement rates are exceeding the Commission's target of 40%. There is a pending 2020 stock assessment of Red Drum in Florida.



2015 Red Drum Stock Assessment (Chagaris et. al. 2015)				
Reference Point	**Northwest**	**Southwest**	**Northeast**	**Southeast**
$SSB_{current}/SSB_{SPR35\%}$	2.2	1.6	1.7	1.4
$F_{current}/F_{SPR35\%}$	0.4	0.5	0.7	0.8
$Escapement_{current}$	66%	68%	52%	48%

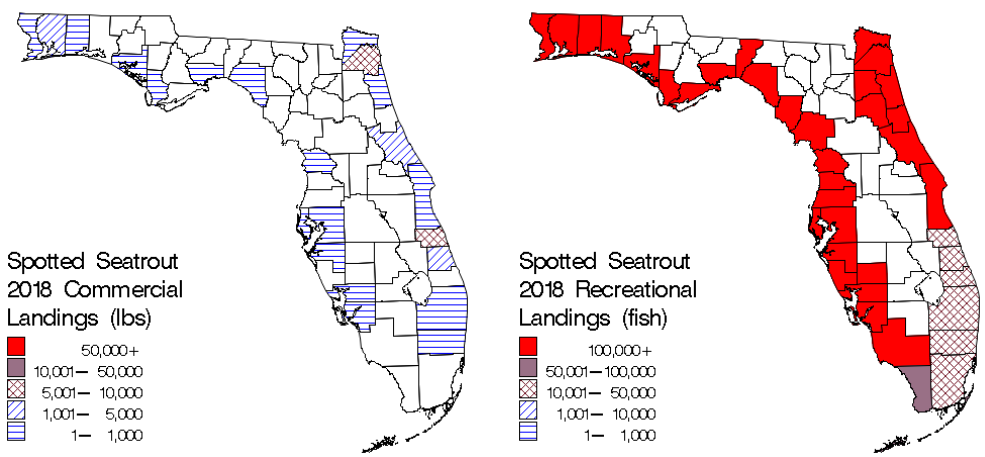
Derived reference points from model configurations (1950-2013). $SSB_{SPR35\%}$ = the spawning stock biomass (mt) when the population is at 35% SPR; $F_{SPR35\%}$ = F that produces 35% SPR; current = geometric mean last three years.

Spotted Seatrout, *Cynoscion nebulosus* (Cuvier, 1830)

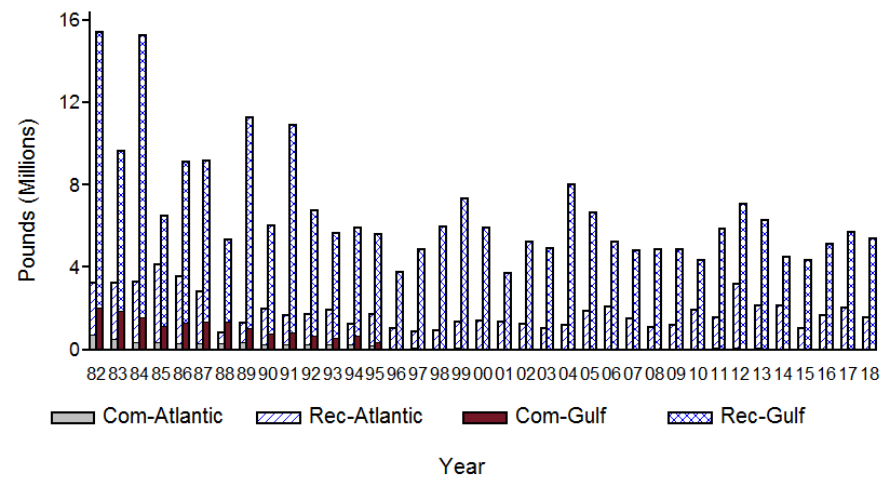
Life History

Spotted Seatrout are distributed throughout Florida's bays and coastal waters. Studies indicate that Spotted Seatrout from various areas of Florida become more genetically isolated from one another as their geographic separation increases (Ramsey and Wakeman 1987, Gold *et al.* 1999). Recent results (e.g. Seyoum *et al.* 2014; 2018) from a re-analysis of genetic structure in Florida show the presence of three genetic stocks: 1) a western Gulf stock from South Padre Island, TX to Fort Walton, FL; 2) a Florida Gulf stock from Apalachicola Bay, FL to Biscayne Bay, FL; and 3) an Atlantic stock from Sebastian Inlet, FL to Morehead, NC. Each area may have localized groups of fish that do not intermix regularly with other groups and thus may only be affected by local fishing pressure. Growth is sex- and area-specific with slower male growth. Maximum ages reached in Florida are 9 years for males and 8 years for females. Spotted Seatrout first spawn between 0 and 2 years old and 11.8–15.7 inches total length (TL). Spawning occurs within estuaries and in nearshore waters during spring, summer, and fall. The diet of juvenile seatrout (<1.2 inches SL) includes amphipods, mysids, and carideans (Hettler 1989). Larger juveniles and adults feed primarily on shrimp and fish such as Bay Anchovy, Gulf Menhaden, shad, mullet, Sheepshead Minnow, Gulf Toadfish, pipefish, Pinfish, Pigfish, Silver Jenny, Atlantic Croaker, and Spotted Seatrout (Hettler 1989; McMichael and Peters 1989).

2018 Spotted Seatrout Landings by Sector

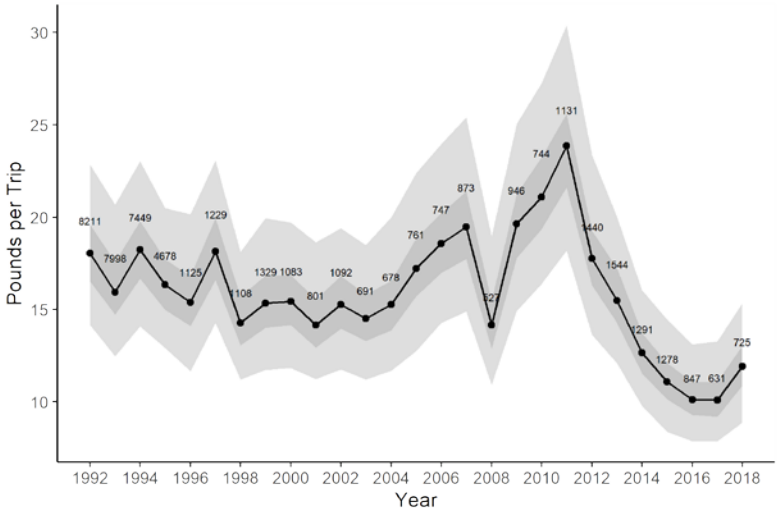


Total Annual Landings (lbs.) by Coast (1982-2018)

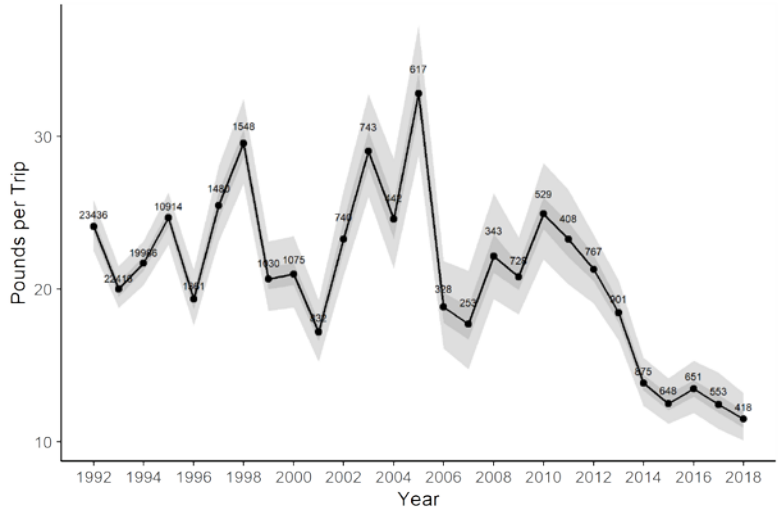


Fishers landed 6,965,403 pounds in 2018 which were 0.2% lower than the previous 5-year average (2013-2017). Coastwide, 77% of these were from the Gulf and 23% were from the Atlantic. Recreational landings constituted 99.6% of the total landings.

Atlantic Coast

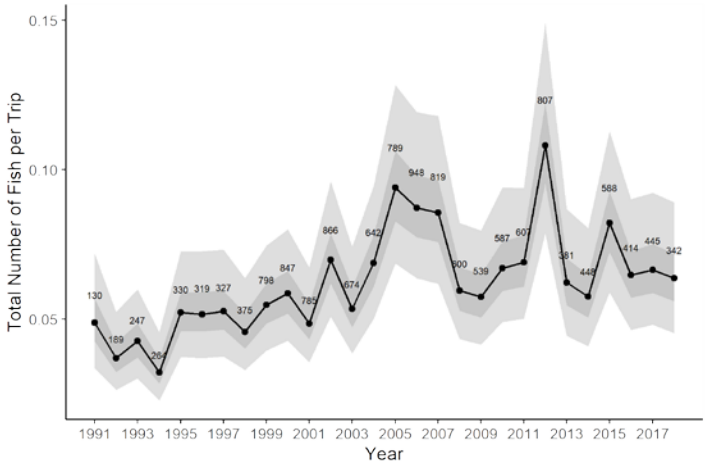


Gulf Coast

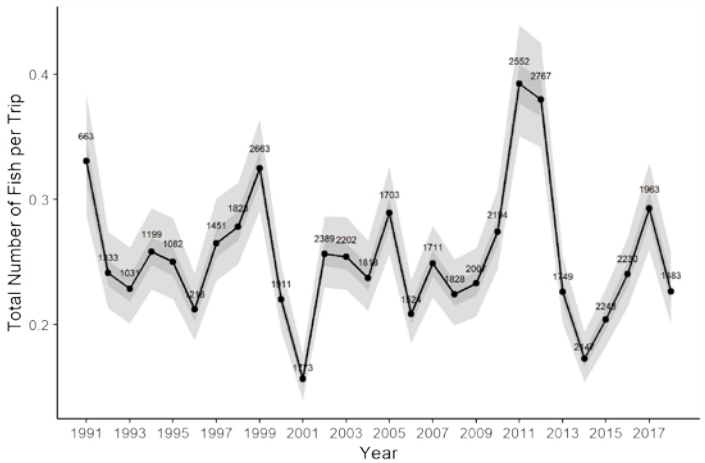


<u>Standardized Commercial Catch Rates</u>: Atlantic coast commercial catch rates varied in an upward trend through 2011 then decreased markedly through 2017. Gulf coast commercial landings rates varied widely between 1992 - 2010. Rates then declined in trend through 2018. Dark grey figure lines represent first and third quartiles while the light grey lines represent the 2.5% – 97.5% quantiles.

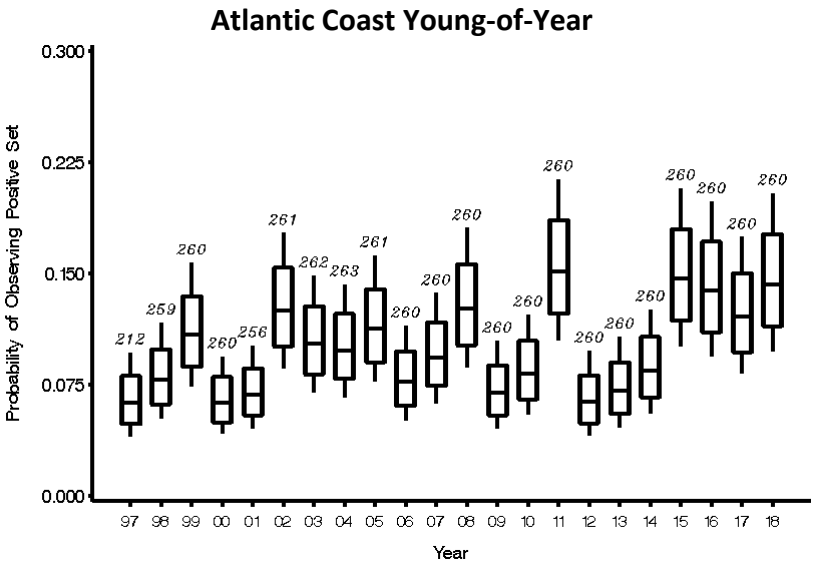
Atlantic Coast

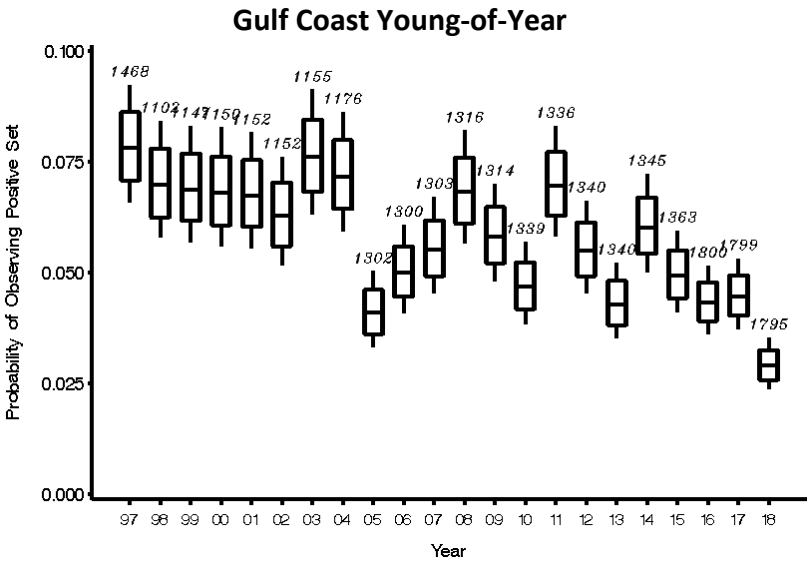


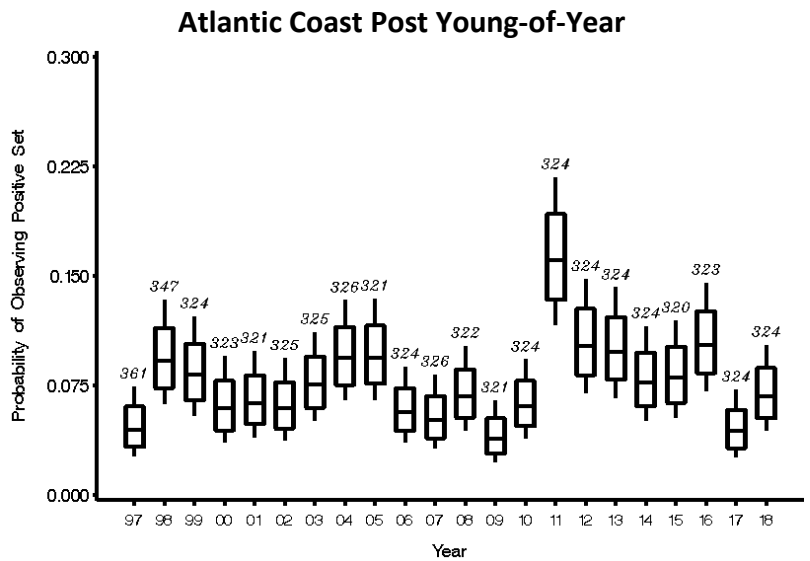
Gulf Coast

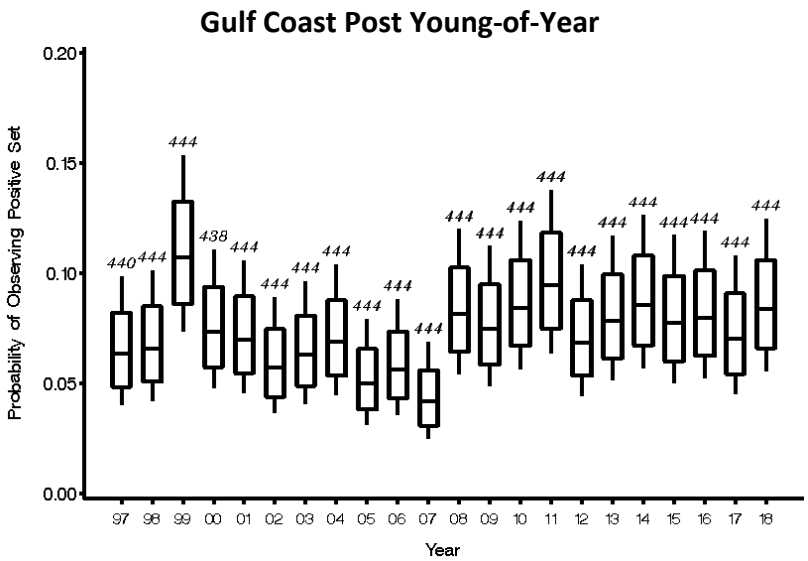


<u>Standardized Recreational Total Catch Rates</u>: Total catch rates for recreational anglers on the Atlantic coast have fluctuated with an overall increasing trend. On the Gulf, total catch rates varied highly without trend with notable highs in 2011-2012 and lows in 2001 and 2014. Dark grey figure lines represent first and third quartiles while the light grey lines represent the 2.5% – 97.5% quantiles.

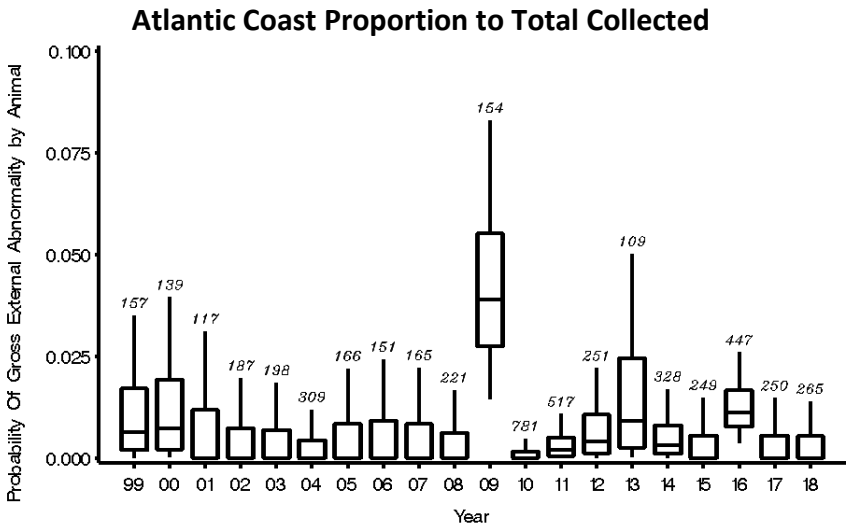


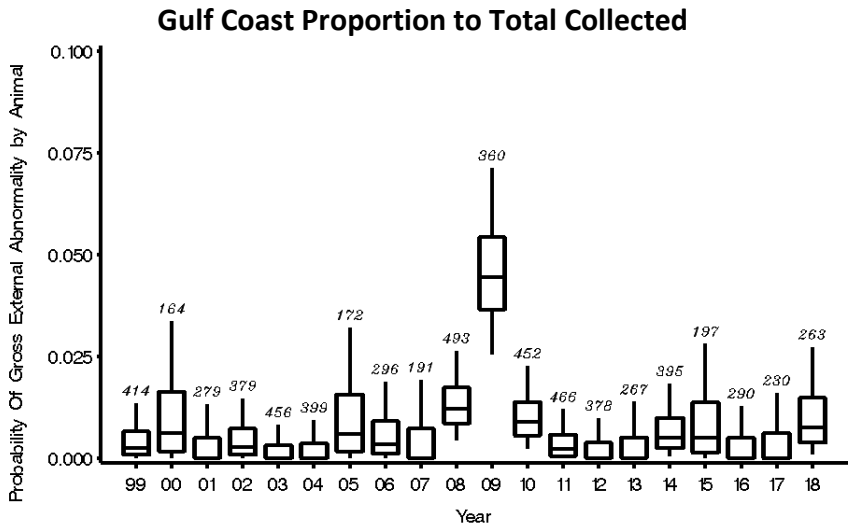


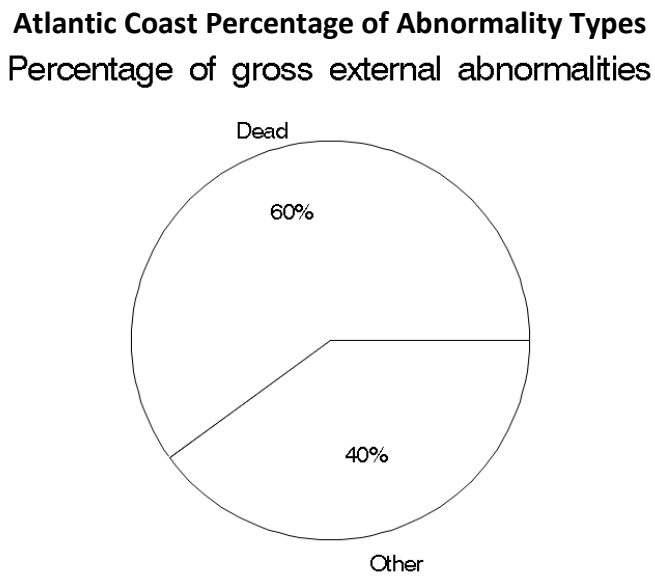


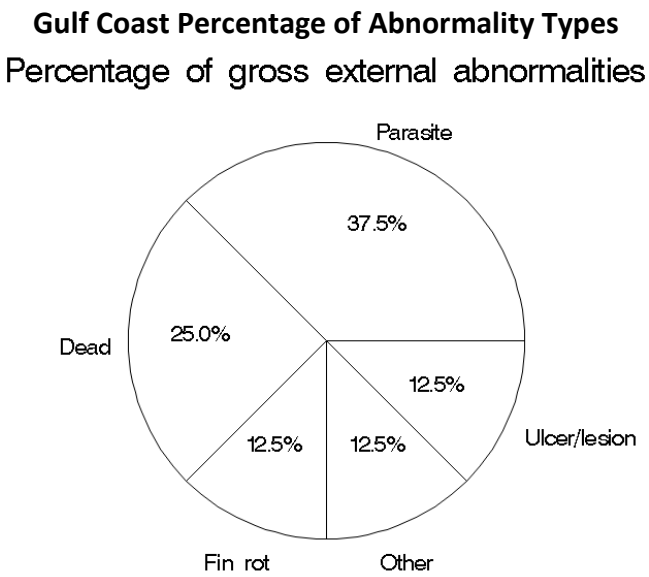


<u>Fishery-Independent Monitoring</u>: The index of abundance for young-of-the-year (YOY) Spotted Seatrout on the Atlantic coast has fluctuated without major trend since 1997 but with a notable peak in 2011. Gulf coast YOY abundance trends were generally stable from 1997-2004 before decreasing markedly in 2005. Abundances then were variable, peaking in 2008, 2011, and 2014, with lows in 2005, 2010, 2013, and 2018. Post-YOY abundance follows a cyclical pattern on the Atlantic coast with highs in 1998-1999, 2004-2005, 2011, and 2016. The Gulf coast post-YOY index has varied without trend over the timeseries with the highest value in 1999 and the lowest in 2007.









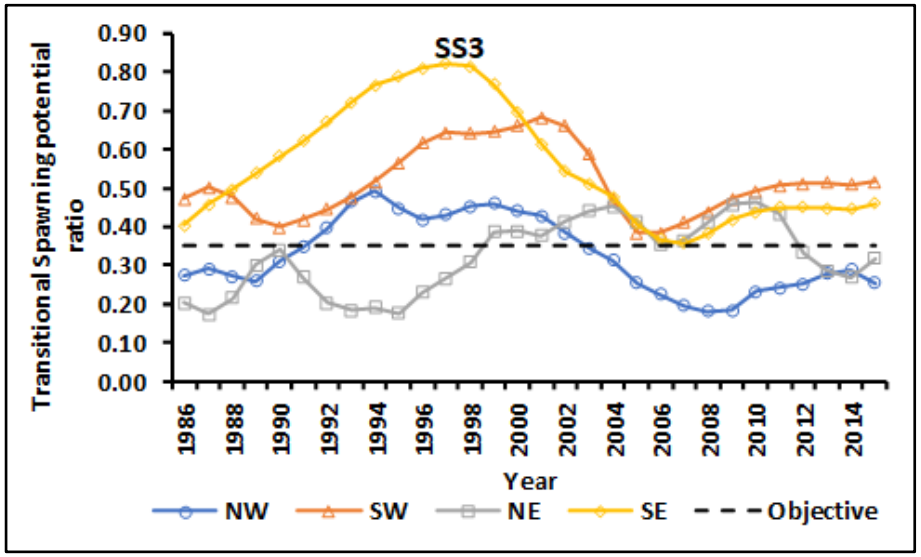
<u>Fish Health</u>: Increased prevalence of gross external abnormalities on Spotted Seatrout ≥75 mm was noted on both coasts in 2009. Gross external abnormalities were observed on the Atlantic and Gulf coasts in 2018, with dead or other dominating the Atlantic abnormalities and parasites and dead dominating the Gulf abnormalities.

Stock Status

Current Condition: The Northwest and Northeast regions *did not* exceed the Commission's 35% $tSPR_{Current}$ management target (Addis et al. 2018).

Management History: Spotted Seatrout is managed for both commercial and recreational fishing in Florida. Management in Florida by the Commission began for Spotted Seatrout in the late 1980s when the fishery was declining. Effective February 1, 2020, the FWC created two new management zones by splitting the Northwest zone into the Western Panhandle and Big Bend and created the renamed South Florida zone and Central East zone by moving the boundary between the southern management zones. Bag limits have been reduced for the Western Panhandle (3), Big Bend (5), South Florida (3), Central East (2), and Northeast (5). The recreational slot size limit was modified to 15-19 inches TL, with the allowance of one seatrout over 19 inches per vessel. The captain and crew of for-hire trips are prohibited from keeping a bag limit. A February recreational closure in the Western Panhandle zone and a November-December recreational closure in the Central East zone were established, and a daily commercial limit to 50 per harvester and 100 per vessel was implemented.

The management objective for Spotted Seatrout by Florida is to maintain the transitional spawning potential ratio (tSPR) at or above 35%. Stock assessments conducted in 2003 and 2006 showed the Spotted Seatrout population was relatively stable through 2005. The 2010 stock assessment showed that the Northeast, Southeast and Southwest zones were exceeding the 35% SPR management goal, however, the Northwest region was hovering right at 35%. The most recent stock assessment (Addis et al. 2018), which used data through 2015, estimated that only the Southeast and Southwest regions were recently exceeding the Commission's management target.



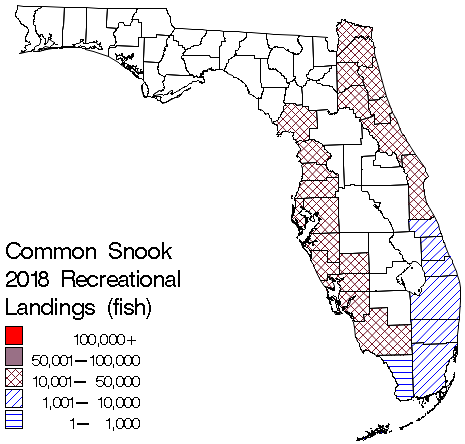
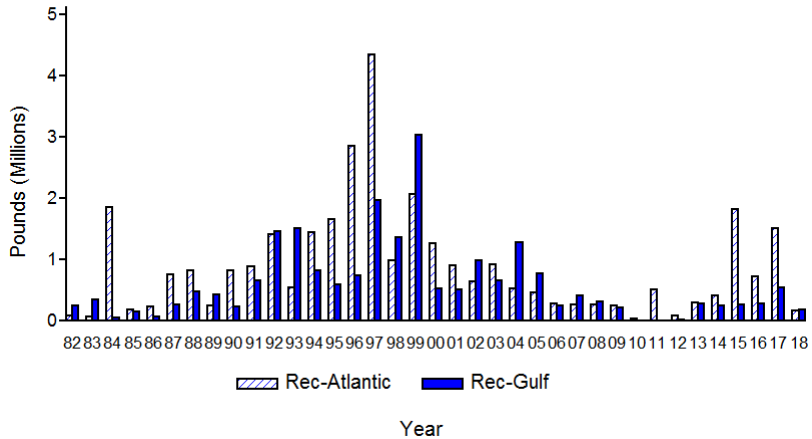
2018 Spotted Seatrout Stock Assessment (Addis et. al. 2018)				
Reference Point	**Northwest**	**Southwest**	**Northeast**	**Southeast**
$sSPR_{current}$	0.27	0.52	0.33	0.46
$tSPR_{current}$	0.27	0.51	0.29	0.45

Derived reference points from model configurations (1950-2015). sSPR is static spawning potential ratio; tSPR is transitional spawning potential ratio; *current* = geometric mean of last 3 years (2013-2015).

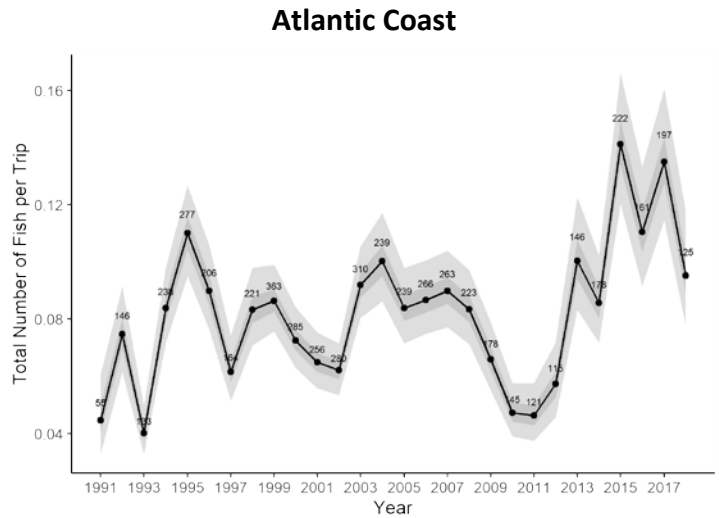
Common Snook, *Centropomus undecimalis* (Bloch, 1792)

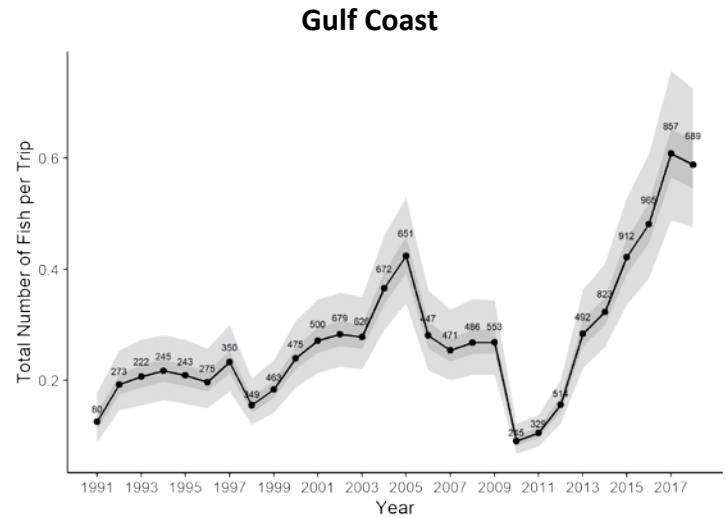
Life History

Common Snook are a euryhaline, diadromous, estuarine-dependent species occurring in the tropics and subtropics of the western Atlantic Ocean. Common Snook are limited in distribution by the seasonal occurrence of the 14 °C seawater isotherm. Partial genetic isolation occurs between Florida's Atlantic and gulf coast stocks (Tringali and Bert 1996). Common Snook are protandric hermaphrodites: most males develop into females when between 1 and 7 years of age. Females smaller than about 500 mm fork length are uncommon. Common Snook growth rates are highly variable. Females are generally larger than males of the same age. Atlantic coast fish grow more quickly and to a larger size than do fish on the Gulf coast (Table 1; Taylor *et al.* 2000). Maximum age is more than 20 years. Spawning occurs on new and full lunar phases from April through October within passes in estuarine and nearshore waters (Lowerre-Barbieri *et al*. 2014). Early-juvenile Common Snook occupy moderately sloping banks found under overhanging vegetation within estuarine waters (Peters *et al*. 1998). As juveniles grow they occur in a wide range of estuarine habitats. Larval Common Snook feed primarily on copepod eggs and larvae, other invertebrates' eggs, algae, and plant tissues (Harrington and Harrington 1961). Juvenile Common Snook are reported to feed on bay anchovy, pinfish, mosquitofish, grass shrimp, killifishes, and insects (Harrington and Harrington 1961; Springer and Woodburn 1960; Gilmore *et al.* 1983). Adults feed mostly on fish, crabs, shrimp, and some plant tissues (Fore and Schmidt 1973). Reported important fish species consumed by Common Snook are menhaden, mojarras, mullet, pinfish, anchovies, pigfish, and sailfin mollies.

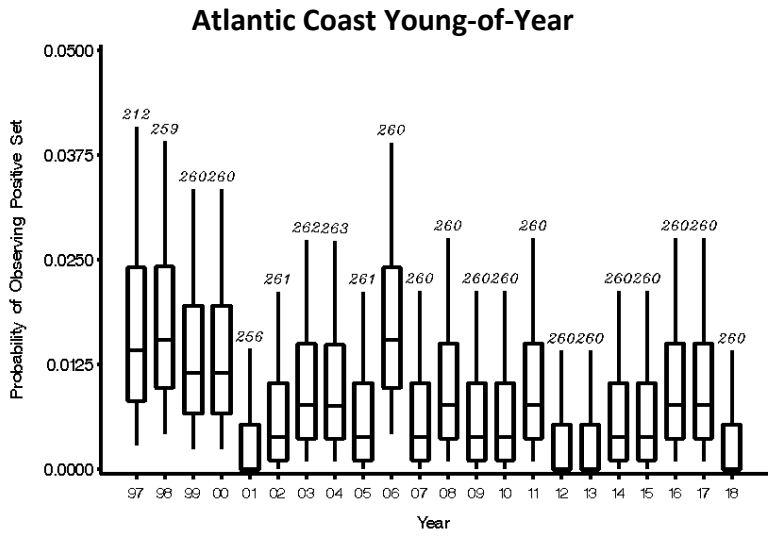
2018 Common Snook Landings by Sector	Total Annual Landings (lbs.) by Coast (1982-2018)
	

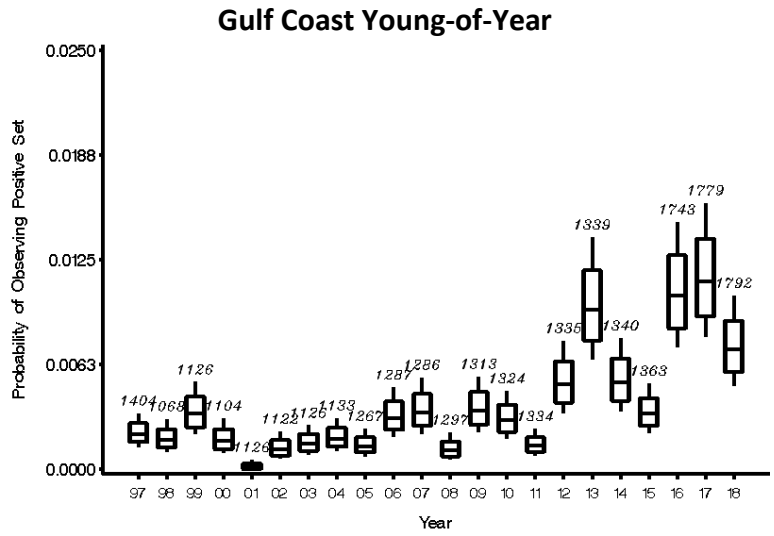
Fishers landed 322,747 pounds in 2018 which were 74% lower than the previous 5-year average (2013-2017). Coast wide, 52% of these were from the Gulf and 48% were from the Atlantic. Common Snook is a game fish in Florida, so there are only recreational landings.

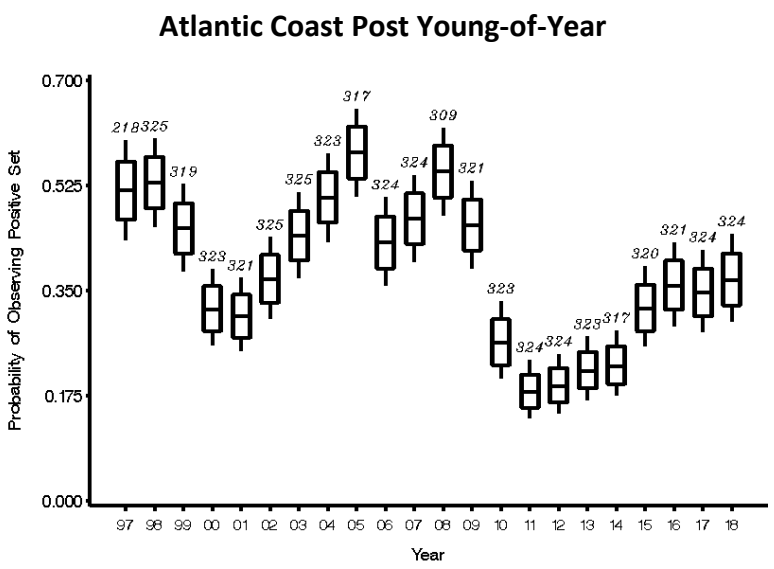


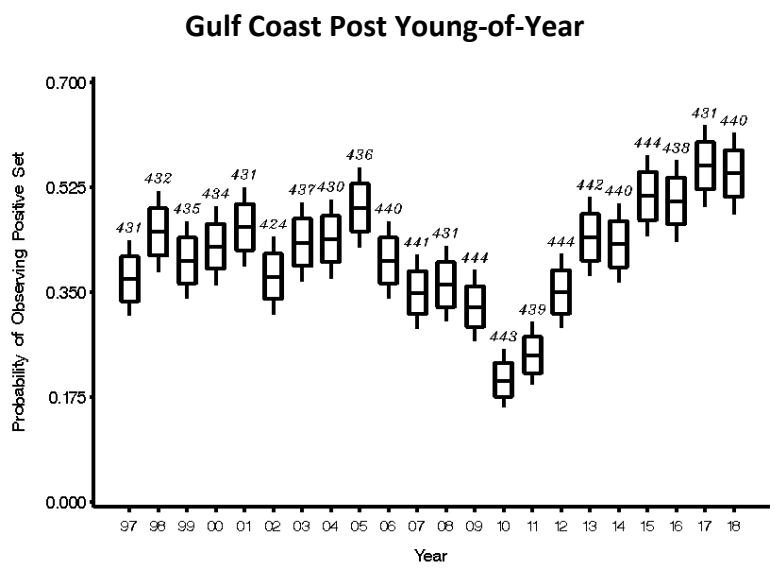


<u>Standardized Recreational Total Catch Rates</u>: Common Snook availability on both coasts, as measured by standardized total-catch rates, increased from the early 1980s through the mid-1990s. On the Atlantic coast, recreational total catch rates from 1996-2009 showed a stable pattern until a notable low in 2010-2012 associated with a severe cold kill, followed by an increase to a high in 2015-2017. Gulf coast total-catch rates for anglers have shown a relatively steady increasing trend over the time series from 1991-2005, decreased steadily through 2011 also associated with the 2010 cold kill, and have shown recent increases in 2012-2018. Dark grey ribbons represent first and third quartiles while the light grey ribbons represent the 2.5% – 97.5% quantiles.

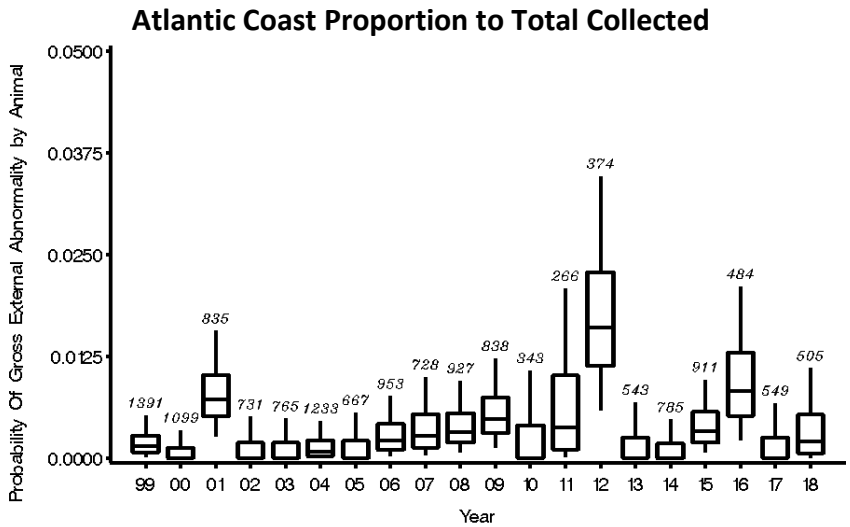


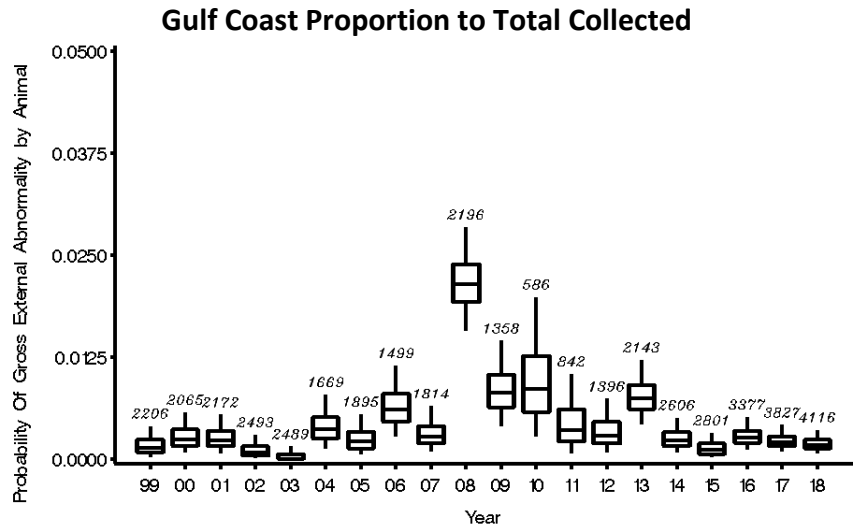


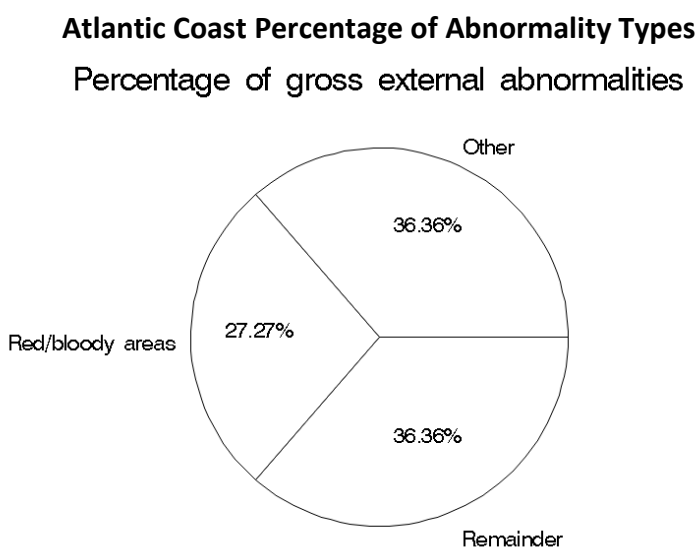


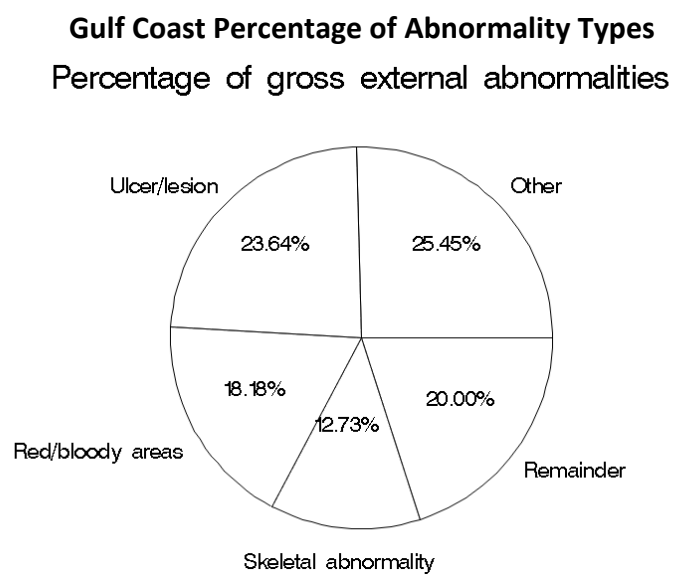


<u>Fishery-Independent Monitoring</u>: Indices of abundance for young of the year (YOY) Common Snook from fishery-independent-monitoring on the Atlantic coast varied without trend from 1997 through 2018. On the Gulf coast the YOY abundance index shows a variable but stable trend from 1997-2011, followed by an increasing variable trend through 2018. Post-YOY relative abundance declined from 1997–2001 on the Atlantic coast, followed by an increase through 2005 and steep decrease from 2009-2011, and has since increased in 2017. On the Gulf coast the index is without trend from 1997-2005, followed by a steep decreasing trend through 2010 and a steep increasing trend through 2018.









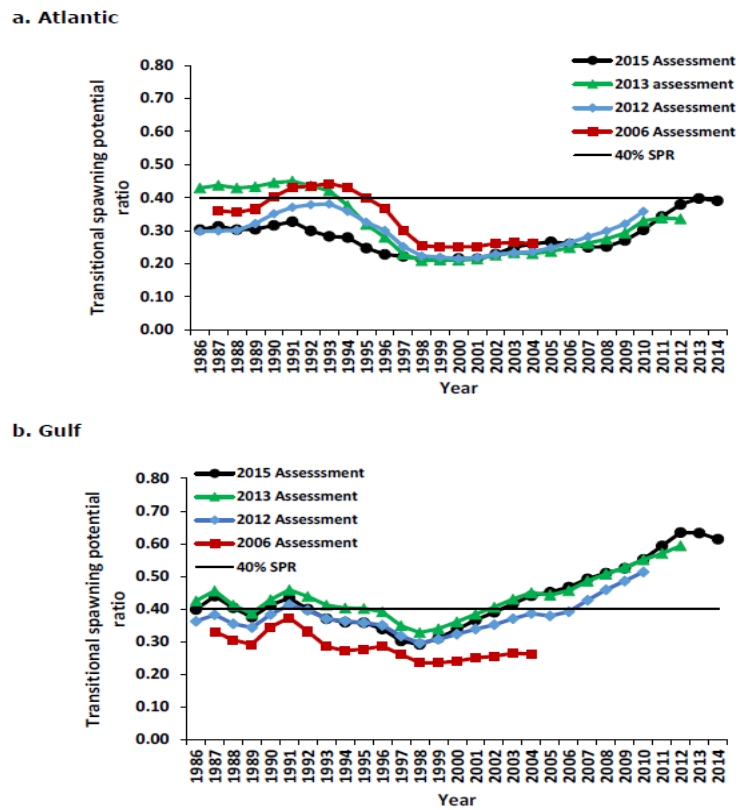
Fish Health: The proportion of Common Snook ≥75 mm with gross external abnormalities on the Atlantic coast remained low apart from higher proportions in 2001, 2012, and 2016. On the Gulf coast, the proportion of Common Snook with abnormalities has shown little trend apart from an increase in 2008, followed by a decrease from 2009-2012 and a slight increase in 2013. Abnormalities observed by fishery-independent-monitoring on the Atlantic coast consisted of red or bloody areas or other external abnormalities. Observed abnormalities on the Gulf coast were attributable to ulcers or lesions, red or bloody areas, skeletal, and other external abnormalities.

Stock Status

Current Condition: Only the Atlantic stock *did not* exceed the Commission's 40% $tSPR_{Current}$ management target (Muller et al. 2015).

Management History: Common Snook is managed for only recreational fishing in Florida on the Atlantic coast and the Gulf of Mexico by the State of Florida. A cold kill event occurred in the winter of 2010 in Florida waters which caused significant widespread mortality of a few estuarine species, notably Common Snook. Concerns over the high numbers of Common Snook reported dead prompted the FWC to issue an executive order that temporarily closed harvest seasons for Common Snook statewide. The fishery reopened on the Atlantic coast in September 2010 and on the Gulf coast in September 2013. The 2015 stock assessment update, using data through 2014, evaluated the effects that the cold kill had on Common Snook populations (Muller *et. al* 2015). For the 'base' model (i.e., the model that does not incorporate the impact of environmental events), the transitional SPR (tSPR) values in 2014 approached the Commission's objective on the Atlantic coast (39%) and exceeded the objective on the gulf coast (61%). Results from the model that incorporated the impact of environmental events (red tides and cold kills) indicated that in 2014 SSB in the Gulf was still at 90% of the SSB expected at $SSB_{40\%SPR}$ ($SSB_{2014}/SSB_{SPR40\%}$=0.90) and the Atlantic SSB in 2014 was only at 60% of the SSB expected at $SSB_{40\%SPR}$ ($SSB_{2014}/SSB_{SPR40\%}$=0.60). The apparent mismatch between the fishing mortality rates on the Atlantic coast meeting the Commission's objective and the spawning biomass being below their goal means that the recent low fishing mortality rates have not been in place long enough to allow all of the ages in the spawning stock to rebuild.

There is a pending 2020 Common Snook stock assessment for Florida.

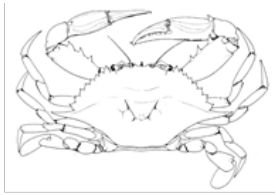


Comparison of transitional spawning potential ratios from the 2015 assessment with those from the 2006, 2012, and 2013 stock assessments, and the Commission's 40% management goal (Muller et al. 2015).

2015 Common Snook Assessment (Muller et al. 2015)		
Reference Point	**Atlantic**	**Gulf**
$tSPR_{current}$	0.39	0.61

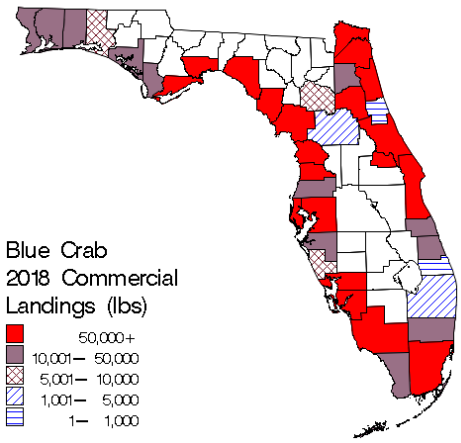
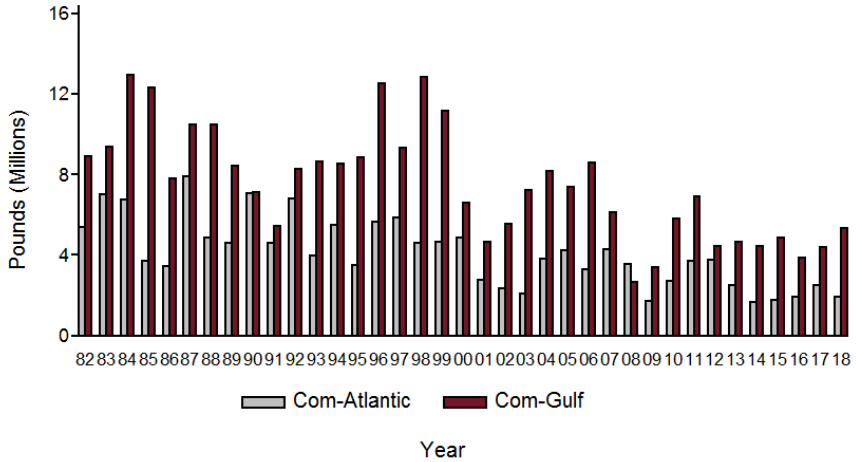
Derived reference points from model configurations (1986-2014). tSPR is transitional spawning potential ratio; *current* = geometric mean of last 3 years (2012-2014).

Blue Crab, *Callinectes sapidus* (Rathbun, 1896)



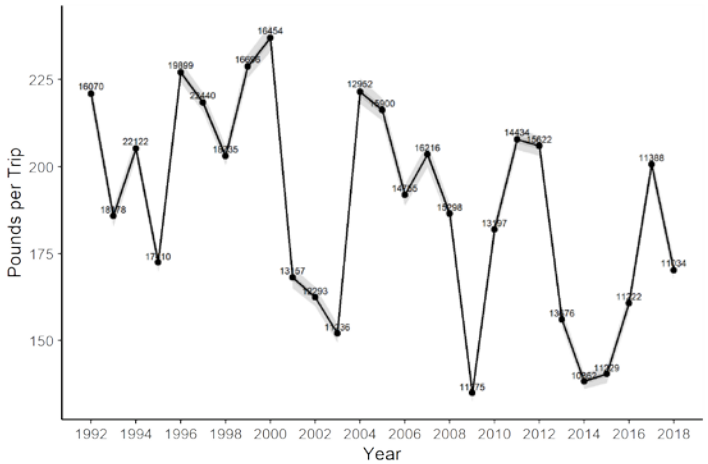
Life History

In the western Atlantic, Blue Crabs are distributed from Nova Scotia south to northern Argentina, including Bermuda and the Antilles. Blue Crabs are an important link in the food chain, feeding on fish, aquatic vegetation, mollusks, crustaceans, and annelids while they serve as prey to mammals, birds, and fishes. The high level of genetic patchiness and gene flow found among Blue Crabs inhabiting Gulf and Atlantic estuaries suggests that little population sub-structuring occurs; although, latitudinal clines in allele frequencies may be maintained by selective forces operating over broad geographic scales (McMillen-Jackson *et al.* 1994). Blue Crabs grow to adult size, 3.9 – 9.4" carapace width, after 18 to 20 molts (Van Engel 1958). In the St. Johns River, where some Blue Crabs survive to four years of age, adult size is reached after one year (Tagatz 1968). Female Blue Crabs mate once in their lifetimes during the period March–December following their terminal molt. Size at maturity varies between about 2.0” and 7.0" carapace width (Steele 1979). After mating in the upper reaches of estuaries, females move to the mouth of the estuary or nearshore coastal waters to spawn. On the Gulf coast of Florida, females leave the estuary and move northward toward the Florida Panhandle region before spawning (Steele 1991).

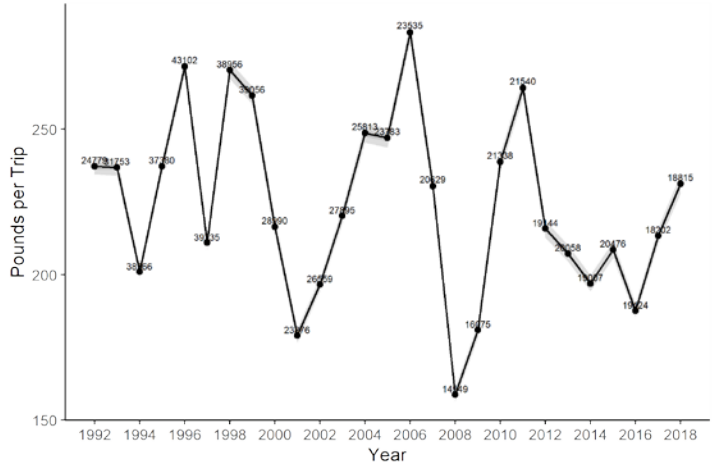
2018 Blue Crab Landings by Sector	Total Annual Landings (lbs.) by Coast (1982-2018)
	

Fishers landed 7,282,679 pounds in 2018 which were 12% higher than the previous 5-year average (2013-2017). Coastwide, 73.5% of these were from the Gulf and 26.5% were from the Atlantic. Commercial landings constituted 100% of the total landings. There are no precise estimates of the size of the recreational fishery, but it may be substantial (Steele unpublished ms).

Atlantic Coast



Gulf Coast



<u>Standardized Commercial Catch Rates</u>: Atlantic coast commercial catch rates varied in a cyclic trend with lows in 1995, 2001-2003, 2009, and 2014-2015; higher catch rates were in 1996, 1999-2000, 2004-2005, 2007, 2011-2012, and 2017. Gulf coast commercial landings rates were also cyclic with lows in 1994, 1997, 2001, 2008, and 2016; higher catch rates were in 1996, 1998-1999, 2006, 2011, and 2018. Dark grey figure lines represent first and third quartiles while the light grey lines represent the 2.5% – 97.5% quantiles.

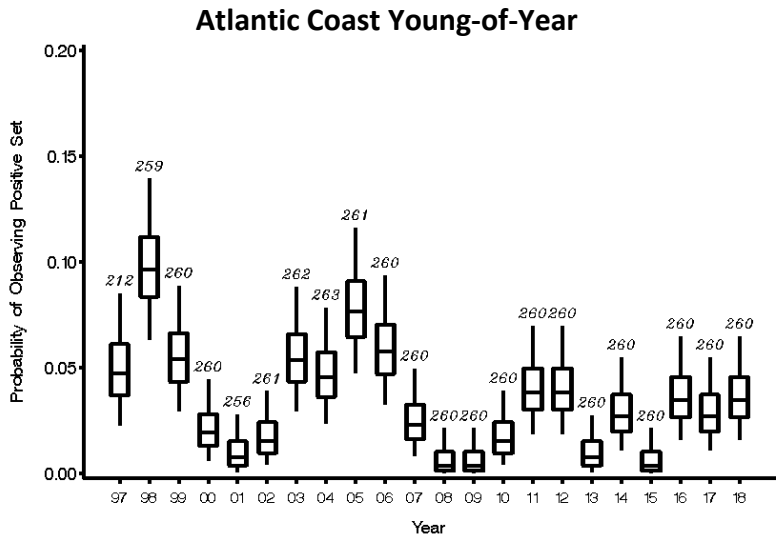
Atlantic Coast

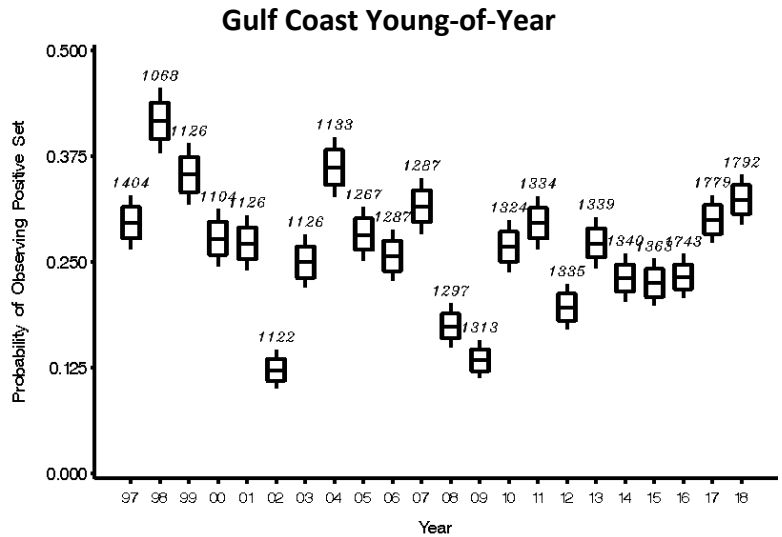
No Data Available

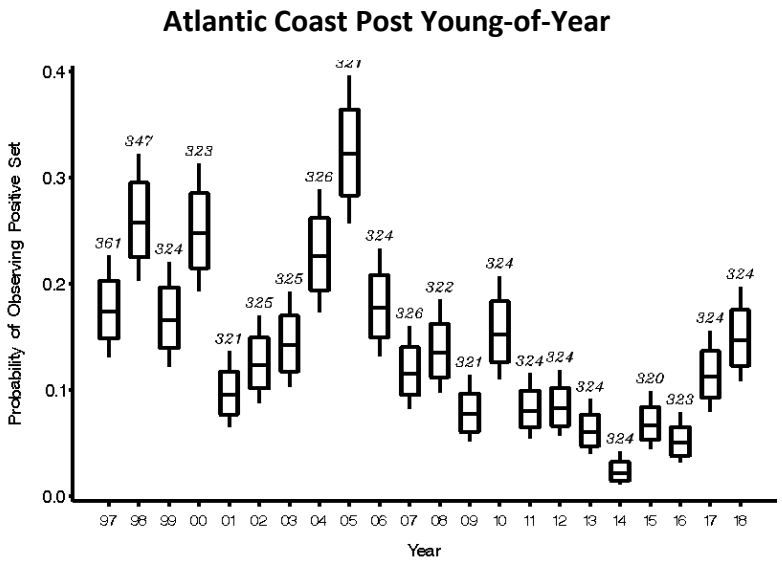
Gulf Coast

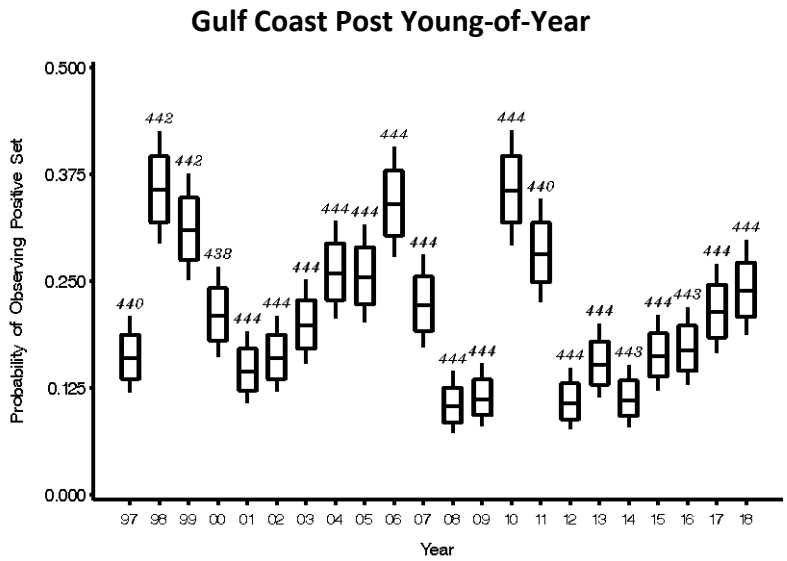
No Data Available

<u>Standardized Recreational Total Catch Rates</u>: There are no precise estimates of the size of the recreational fishery, but it may be substantial (Steele unpublished ms).



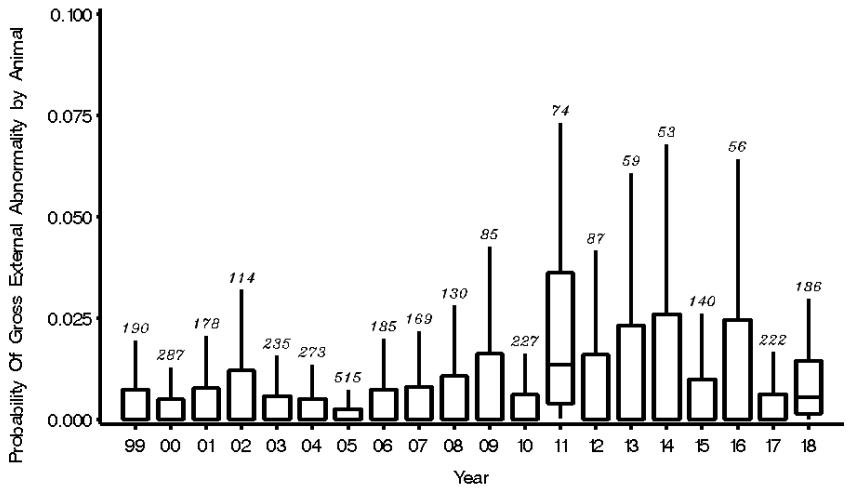




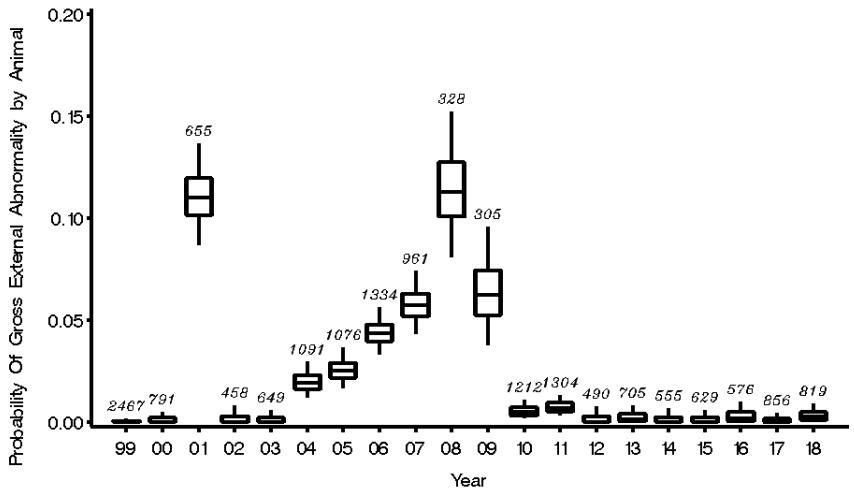


<u>Fishery-Independent Monitoring</u>: Indices of abundance for young-of-the-year (YOY) Blue Crab followed a cyclical pattern on both coasts, with peaks in 1998, 2005, 2011-2012, and 2016 on the Atlantic coast and in 1998, 2004, 2011, and 2018 on the Gulf coast. However, both coasts show long term decreasing trends. Abundance of post-YOY Blue Crab on the Atlantic coast varied followed similar patterns as observed in the YOY index with highs in 1998, 2000, and 2005. The post-YOY abundance index on the Gulf coast followed similar patterns as the YOY index with highs in 1998, 2006, and 2010. Post-YOY abundances in recent years on both coasts are increasing after being at or near historic lows.

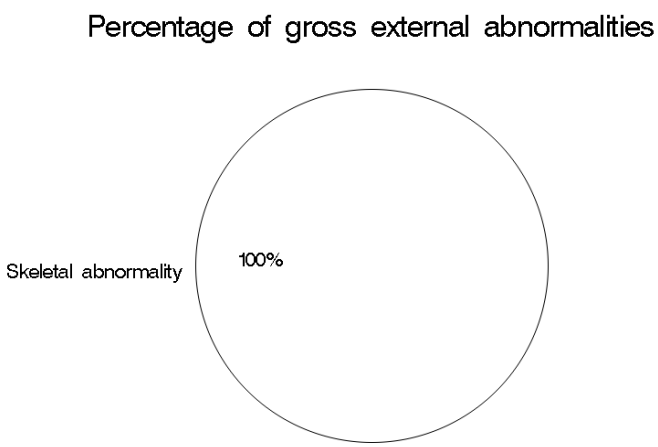
Atlantic Coast Proportion to Total Collected



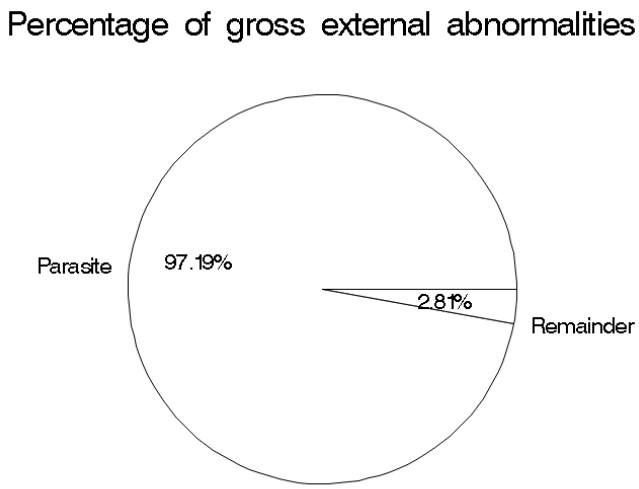
Gulf Coast Proportion to Total Collected



Atlantic Coast Percentage of Abnormality Types



Gulf Coast Percentage of Abnormality Types



Fish Health: Increased prevalence of gross external abnormalities on Spotted Seatrout ≥75 mm was noted on both coasts in 2009. Only a mortality abnormality was observed on the Atlantic coast in 2018 where fish were found dead prior to collection. Skeletal abnormalities were observed on the Atlantic coast, and parasites dominated the Gulf coast observed abnormalities.

Stock Status

Current Condition: not overfished nor undergoing overfishing.

Management History: The Gulf States Marine Fisheries Commission developed a fishery management plan for Blue Crab (Steele and Perry 1990) and updated it in 1999 (Guillory *et al*. 2001). In the most recent plan recommended management actions included: minimum outside wall mesh sizes of 1.5" (corner to corner) hexagonal or 1.75" square mesh for hard crab traps, a 5" minimum size limit (except peeler crabs held for shedding), prohibition of the sale of egg-bearing females, a trap identification system, and the use of 2.375" escape rings. Guillory *et al.* (2001) concluded that there was no evidence of a decline in Blue Crab abundance in Florida; it was believed that the average historical landings might be a better estimate of maximum sustainable yield than that estimated by a simple surplus-production model. None of the "stock stress" indicators were detected using Florida data where, excluding 1998 data, no increase in total mortality and no decrease in relative abundance, mean carapace width or landings were observed. Population models provide evidence that Blue Crab in Chesapeake Bay were growth overfished (Tang 1983, Rugolo *et al*. 1997). While Blue Crab abundance was at average long-term levels in the Chesapeake, the expended effort needed to make the current landings there is too high, resulting in a less economically viable fishery (Rugolo *et al*. 1997).

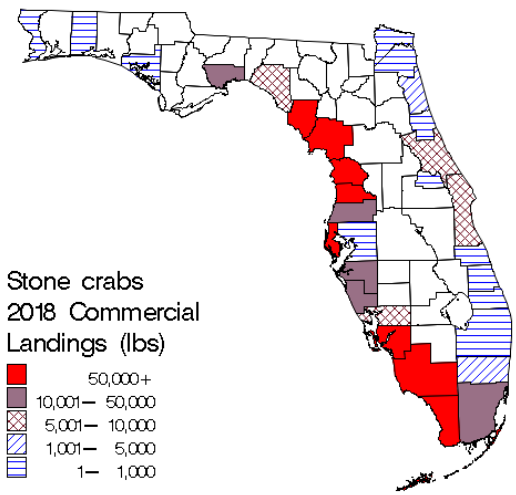
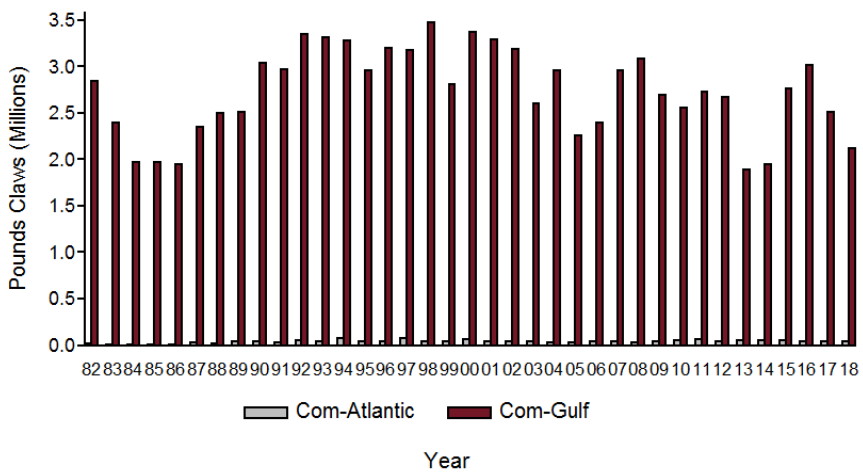
Murphy *et al.* (2007) developed a stock assessment for Blue Crabs in Florida during 2002-2005. A catch survey analysis and a stochastic stock reduction analysis showed that the stocks on both coasts were most likely not being overfished during 2002-2005. However, a biomass dynamic model indicated that the fishery had been overfishing the stock on both coasts since the mid 1960's or early 1970's with respect to F_{MSY}. Cooper *et al.* (2013) developed a stock assessment for Blue Crabs in Florida through 2011. All three assessment models that were developed indicated that fishing mortality rates have trended downwards on both coasts since the mid- to late 1990's, which follows the general trend in the number of traps fished over this time period. The general conclusions from the three analyses suggest that neither Florida coast is currently overfished nor undergoing overfishing. The primary assessment model estimated an MSY of 31.9 and 12.0 million crabs for the Gulf and Atlantic coasts, respectively. Although there were troubling gaps in Blue Crab life history and fishery information, a common feature of all the assessments was the finding that Blue Crabs in Florida appeared to be very resilient to high fishing rates and freshwater inflow can have a strong influence on their population dynamics, leading to large fluctuations in year-to-year abundance.

Florida Stone Crab,
***Menippe mercenaria* (Say, 1818)**

Gulf Stone Crab,
***M. adina* (Williams and Felder, 1986)**

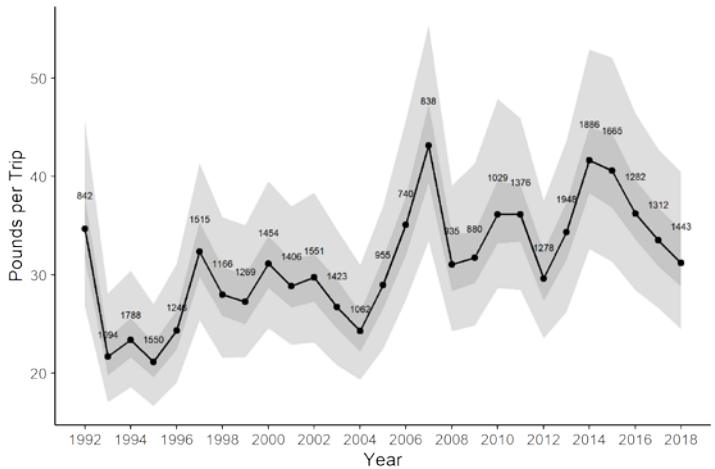
Life History

Stone Crabs are found from North Carolina south around peninsular Florida to the Yucatan Peninsula and Belize and throughout the Bahamas and Greater Antilles. Adults are benthic and live in burrows that can be found from the shoreline out to depths of 200'. In the northern and western Gulf of Mexico (northwest Florida to Tamaulipas, Mexico), Gulf Stone Crabs replace Florida Stone Crabs. Florida Stone Crab growth is highly variable but growth to 0.4" carapace width (CW) can occur in as little as 6 months to as long as one year (Tweedale *et al.* 1993). Transition points in crusher-claw propodus length (PL): CW analysis indicated that 50% morphological maturity (CW_{50}) occurred at approximately 2.76" CW for males and 2.36" CW for females (Gerhart and Bert 2008). Most female Florida Stone Crabs spawn when they reach 2.25"–2.75" carapace width or approximately age 2. Recruitment to the commercial fishery is estimated to begin at age 3 for males and age 4 for females (Gerhart and Bert 2008). Although some spawning occurs all year, Florida Stone Crabs spawn principally from April through September. The Stone Crab fishery is unusual in that only the claws are harvested, and the crab is returned to the water alive ostensibly to generate new claws. Approximately 20% of the claws measured in fish houses were regenerated, providing evidence that some crabs survive the de-clawing process.

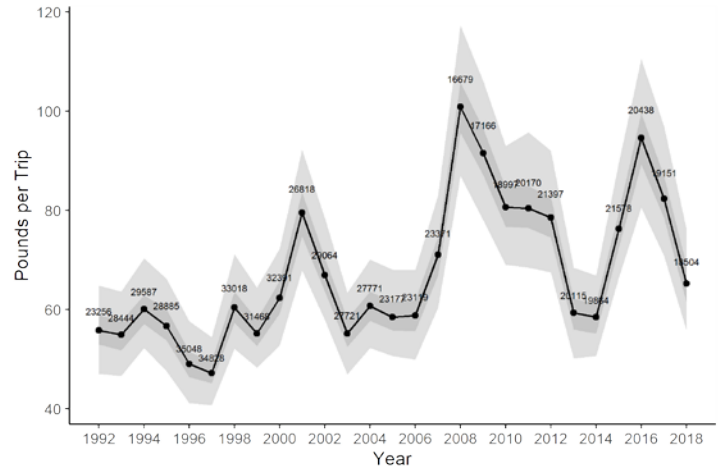
2018 Stone Crab Landings by Sector	Total Annual Landings (lbs.) by Coast (1982-2018)
	

The Stone Crab fishery operates from October 15 through May 15. Since the fishing season spans two calendar years, Stone Crab landings are reported by the calendar year in which the season begins. In calendar year 2018, commercial Stone Crab landings were 2,158,958 pounds of claws which were 12.8% lower than the previous 5-year average (2013-2017). Coastwide, 98% of these were from the Gulf.

Atlantic Coast



Gulf Coast



Standardized Commercial Catch Rates: The Stone Crab fishery has been managed by the State of Florida since October 2011. Analysis of the fishery between 1981 and 1985 indicated that the resource was fully used at that time and had begun to show a decline in catch per unit effort and landings (Phares 1992). Commercial catch per trip on the Atlantic coast averaged 25 pounds between 1993 and 1996 before increasing to an average of 30 pounds per trip from 1997-2003. Landings rates then increased to a notable high in 2007, followed by variable rates until another high peak in 2014. Rates have recently declined through 2018. Commercial catch per trip on the Gulf coast fluctuated around 56 pounds before increasing steadily through 2001. Landings rates then declined during 2002-2006 but increased to over 100 pounds/trip in 2008. A steady decline to about 60 pounds per trip occurred through 2014, however rates peaked again in 2016 with recent declines through 2018. Dark grey figure lines represent first and third quartiles while the light grey lines represent the 2.5% – 97.5% quantiles.

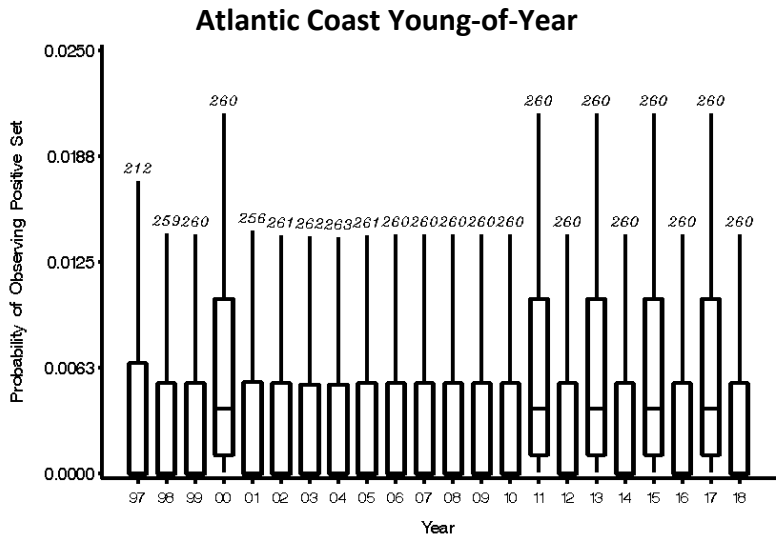
Atlantic Coast

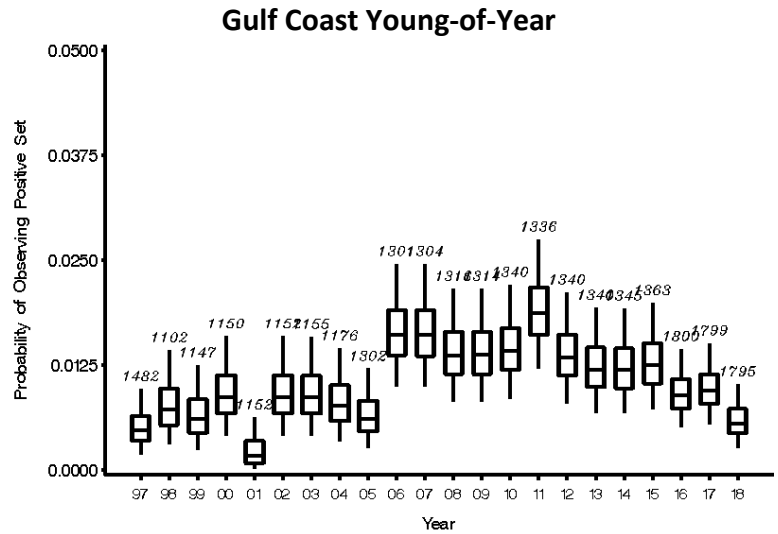
No Data Available.

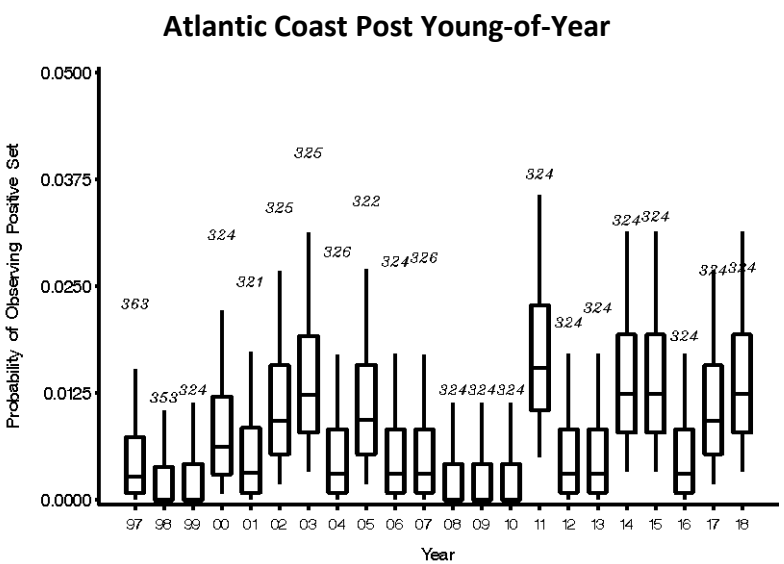
Gulf Coast

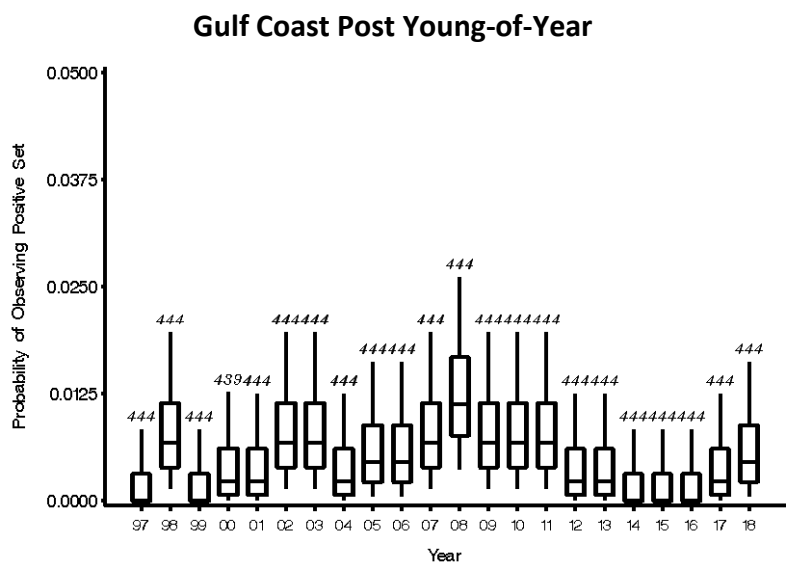
No Data Available.

Standardized Recreational Total Catch Rates: There continues to be a lack of recreational data to provide accurate estimates of recreational catch. There is a recreational sector that can either fish five traps per person or catch the crabs while diving, however it is difficult to estimate the number of participants or the magnitude of their harvest (Muller et al. 2011).









<u>Fishery-Independent Monitoring</u>: Stone Crabs captured in fishery-independent-monitoring were separated into young-of-the-year (YOY) and post-YOY based on a carapace width of 25mm. Young-of-the-year Stone Crabs were extremely rare in sets on the Atlantic. On the Gulf coast, YOY abundances were lower through 2005 then shifted to greater abundances through 2011, followed by a general decline through 2018. Post-YOY relative abundance on the Atlantic coast increased from 1999 to a peak in 2003, decreased in trend through 2010 with peaks in 2011, 2014-2015, and 2018. Post-YOY relative abundance on the Gulf coast were variable with a peak in 2008 followed by a declining trend through 2016, followed by recent modest increases in 2017-2018.

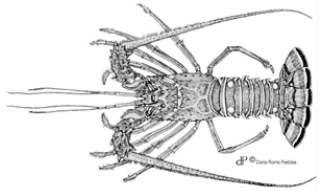
Stock Status

Current Condition: unknown

Management History: Despite the three-fold increase in the number of traps used in the fishery since 1989-90 the level of landings has remained fairly stable over time. Muller *et al.* (2006) found that the recent (through 2004-2005) landings levels are probably all that can be harvested under current environmental conditions, regulations, and fishery practices. Overfishing was clearly occurring because of the excessive number of traps used in the fishery. Recruitment does not show any decline over the time series (1986/87 through 2004/05). Muller *et al.*(2006) suggested that Stone Crabs were resilient to continued overfishing because most female Stone Crabs spawn one or more times before their claws reach legal size, because some crabs survive declawing, and because the fishing season is closed during the principal spawning season. However, the fishery continues to have too many traps in the water as evidenced by the low catch-per-trap level over a very wide range of recent numbers of deployed traps.

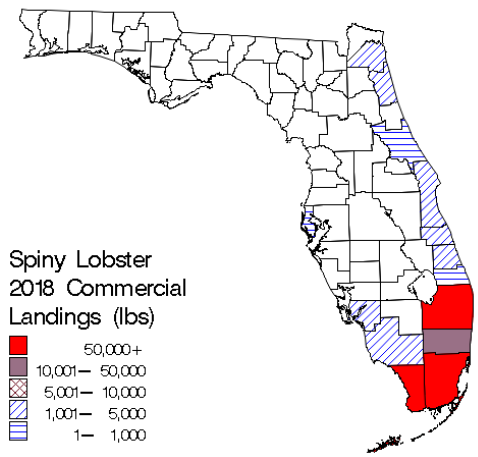
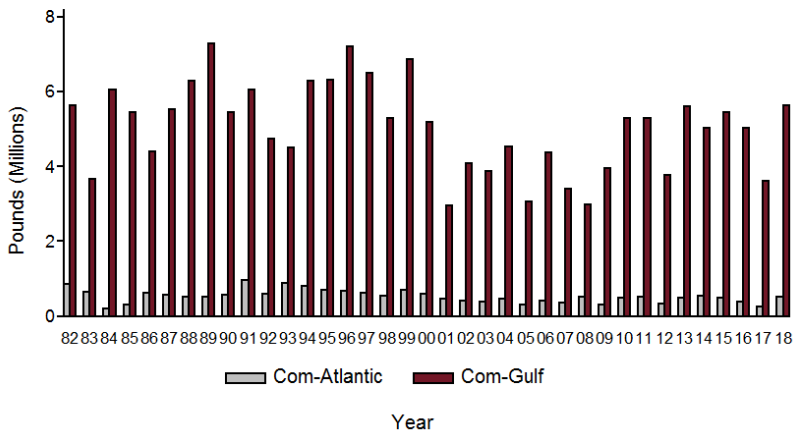
The 2011 stock assessment update for the Stone Crab fishery in Florida used two models to evaluate stock condition, a surplus production model and a modified DeLury model (Muller et al. 2011). The surplus production model indicated that the fishing mortality was too high due to having more traps in the fishery than were necessary which is the same conclusion as was made in the 1997, 2001, and 2006 assessments. However, the DeLury model estimated that recruitment varied without trend from 1985-2010. A major source of uncertainty that remains for the Stone Crab assessment process is the total absence of recreational data (Muller et al. 2011). The status of Stone Crab is best indicated by the lack of an increase in landings when the number of traps more than doubled. A possible scenario is that, given the current fishing practices, there are only so many claws that can be harvested each fishing year from the nearshore crabbing grounds and harvesters merely compete with each other for those claws. If the decline in the issuance of trap certificates continues at the present rate (2.57% per year), it will take 37 years for the fishery to reach the Commission's goal of 600,000 traps in the fishery.

Caribbean Spiny Lobster, *Panulirus argus* (Latreille, 1804)

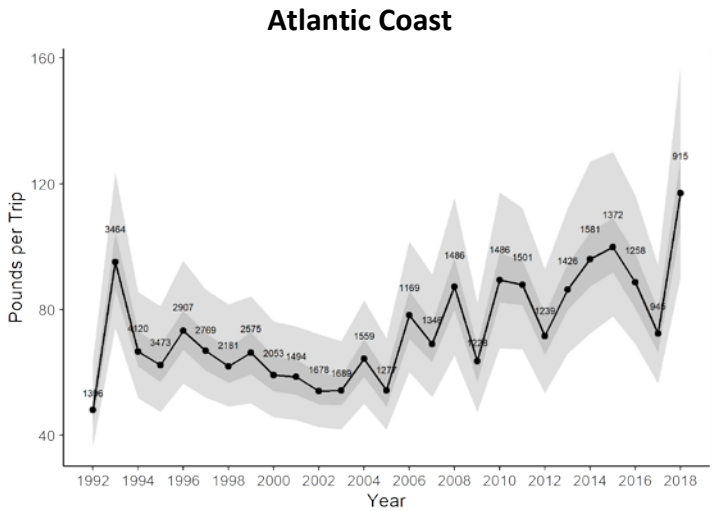


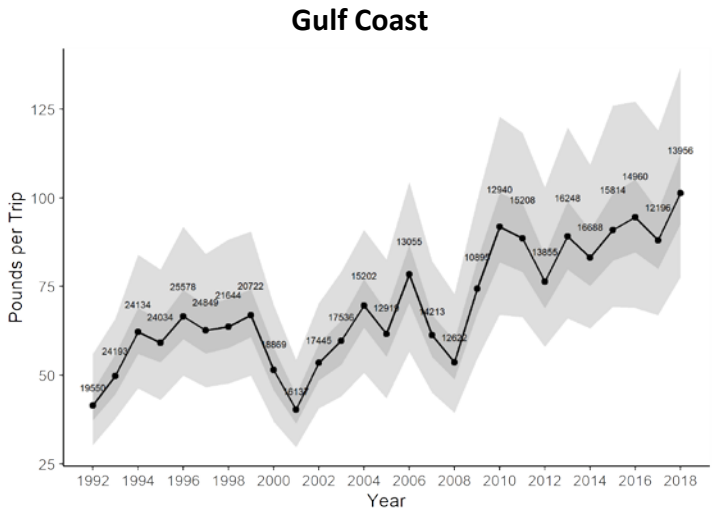
Life History

Caribbean Spiny Lobster supports important fisheries throughout most of its range, Bermuda to Brazil. In south Florida, spawning occurs from April through October when water temperatures exceed 23 °C. Settlement of pueruli, the free-swimming phase linking planktonic and benthic life stages, occurs year-round with a peak in settlement usually occurring during the spring and sometimes during other seasons (Marx 1986). The origin of Caribbean Spiny Lobsters inhabiting Florida is not known (Lyons 1986). Competing theories suggest that recruits originate from the West Indies (Sims and Ingle 1967), from the Gulf of Mexico (Lewis 1951), or from local areas (Menzies and Kerrigan 1979). Tringali (pers. comm.) has examined the specimens of Spiny Lobster from throughout the Caribbean using 24 micro-satellite loci and cannot link genetic patterns with source location. Kough *et al.* (2013) used a hydrodynamic model to track larvae launched from 261 sites in 39 counties in the Caribbean and the model had Florida receiving settlement from throughout the Caribbean as well as some local production. Young juvenile lobsters, about 1 inch in carapace length, can grow 0.01–0.05 inches carapace length per week (Forcucci *et al.* 1994). This growth rate would allow some Spiny Lobsters to reach 3 inches in about 1.5 years after settlement. Sharp *et al.* (2000) tagged juvenile lobsters with coded wire tags and got 157 recaptures and found that juvenile lobsters at large for 52 weeks old would be on average 42 mm CL. In general, although male lobsters grow faster than females, most Caribbean Spiny Lobster in Florida attain about 3.4–3.5 inches carapace length when they are more than three years old (Muller *et al.* 1997a). Adult Caribbean Spiny Lobsters feed mainly on gastropods, chitons, and bivalves (Cox *et al.* 1997). Arthropods inhabiting rubble fields were also found in their diets.

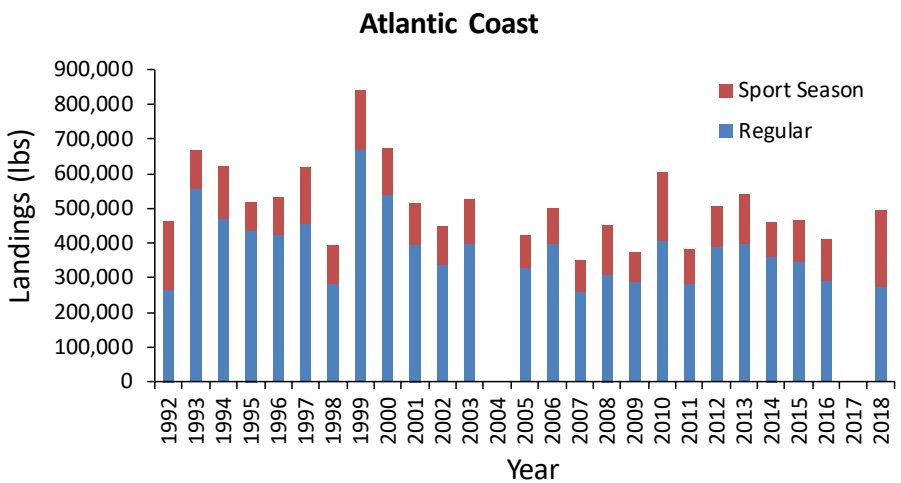
2018 Spiny Lobster Landings by Sector	Total Annual Landings (lbs.) by Coast (1982-2018)
	

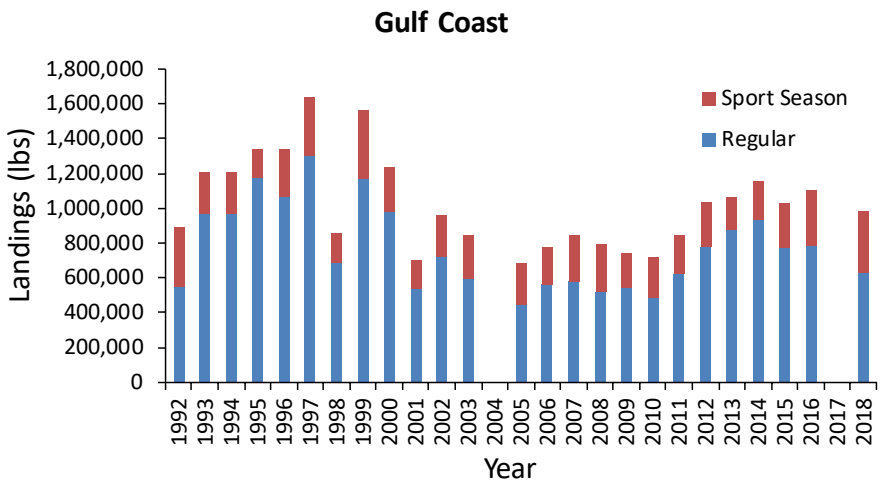
Fishers landed 6,129,876 pounds in 2018 which were 14.0% higher than the previous 5-year average (2013-2017). Coastwide, 91.7% of these were from the Gulf (primarily the Keys) and 8.3% were from the Atlantic. Commercial landings constituted 100% of the total landings.





Standardized Commercial Catch Rates: Atlantic coast commercial catch rates dropped after 1993 and decreased slightly through 2005 then became more variable with an overall increasing trend. Gulf coast commercial landings rates show an increasing trend with lows in 1992, 2001, and 2008. Dark grey figure lines represent first and third quartiles while the light grey lines represent the 2.5% – 97.5% quantiles.





Recreational Landings: Total landings for recreational anglers on the Atlantic coast (Nassau to Miami-Dade counties) have fluctuated without major trend. On the Gulf (Escambia to Monroe counties), landings were dome-shaped through 2005 but have been increasing again in trend through 2016.

Stock Status

Current Condition: the stock is not experiencing overfishing and it is unknown if the stock is overfished.

Management History: The fishery developed in the Key West area and expanded to the middle Keys. This development occurred around 1968, when the minimum carapace length was decreased to 3 inches. The current fishing season opens on August 6 and closes March 31. Approximately 40% of the season's landings occur in August, which is followed by a sharp decrease in landings thereafter. Fishing effort for Spiny Lobster also declines after the opening of the stone crab fishery on October 15. A Spiny Lobster trap reduction program was implemented in August 1993 to reduce excess fishing effort in the Keys lobster fishery. In 1991, the Florida Fish and Wildlife Conservation Commission began using mail surveys (Bertelsen and Hunt 1992) to estimate the recreational harvest of Spiny Lobster during the two-day sport season and during the late summer (August 6 until the first Monday in September). Adverse weather conditions in south Florida made it impossible to conduct the survey in 2004.

An early age-structured analysis of the catches-at-age (Muller *et al.* 1997) showed that fishing mortality rates during the mid 1990's were higher than commonly used benchmarks for overfishing (e.g., $F_{0.1}$ = 0.28), indicating a continued need for further reduction in the number of traps used in the fishery. In fact, a later analysis found that female lobster abundance in south Florida had increased sharply after the initiation of the trap reduction program during the 1993–1994 fishing season (Muller *et al.* 1999, 2000) with transitional spawning potential ratios close to 30% during 1999–2000. In the recent stock assessment analyses (SEDAR 08 U.S. Stock Assessment Panel 2005), a variety of population assessment techniques indicated that static spawning potential ratios were likely near 30% and potentially much higher (depending on the amount of retrospective bias in the estimates of fishing mortality) during the 2003/2004 fishing year. The most recent stock assessment update (SEDAR 08 Update Stock Assessment Panel 2010) reached similar conclusions as the 2005 stock assessment, but estimating biological reference points was found to be problematic because the Florida Spiny Lobster depends on external sources to an unknown extent. Therefore, the estimation of conservation and management benchmarks for whether the stock of Spiny Lobster is overfished in southeastern US cannot be done reliably using only data from Florida alone. To assess population-wide dynamics and estimate reliable management reference points, the spawning biomass of the combined Caribbean populations must be investigated. The geometric mean for the fully selected fishing rate for the past three fishing years, 2007-08 through 2009-10, was 0.21 per year and the stock is considered to not be undergoing overfishing. However, the retrospective results from ICA model runs with various configurations call for cautions and prudent management options because fishing mortality rates were probably underestimated in recent years (SEDAR 08 Update Stock Assessment Panel 2010).

A U.S. Caribbean Spiny Lobster stock assessment was completed in 2019 (SEDAR 57), which evaluated the spiny lobster stocks in Puerto Rico, St. Croix, and St. Thomas/St. John in the US. Virgin Islands (USVI). The stocks were determined to be not overfished (i.e. current spawning output is above MSST) nor undergoing overfishing (i.e. current fishing mortality is below MFMT). Although the stock in St. Thomas/St. John and in Puerto Rico are close to the overfishing status as F/MFMT is near 1.0.

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Appendix A

This appendix contains the catch rate data and analyses results used in the determination of the status of the 88 species/groups of exploited marine resources listed in Table 1, and the order of listed species/groups follows that given in Table 1.

The data are arranged in blocks for each fishery sector (commercial or recreational) and the fishery-independent monitoring program. These are labeled under the heading SOURCE that appears under 'SPECIES'. SOURCE includes "COMM" for commercial fishery, "REC" for recreational fishery, "FIM Y-O-Y" for fishery-independent monitoring of small size groups (see methods for more details), and "FIM LARGE" for fishery-independent monitoring of larger size groups. The commercial blocks of data show annual totals for trips, pounds or number landed, and average landings rate in pounds or number per trip. The recreational blocks of data show annual numbers of trip interviews where the species/group was observed or reported caught, the estimated number of trips targeting that group (estimated as the total catch / total catch-rate), and the average number caught per angler-hour. Both FIM blocks of data include the total number of gear-sets made that year, and the proportion of those sets catching the fish of that species or group.

The appendix may also contain information on specific species or subgroups that occur within a 'SPECIES' if that information is available. For instance, under the SPECIES: CATFISH, the block of data labeled SPECIES: HARDHEAD CATFISH provides species-specific information available for this component species of the SPECIES: CATFISH category. An example of a subgroup within a 'SPECIES' is the STINGRAYS under the SPECIES: RAYS category.

The final three columns in each species or group block of data show the results of analyses used as criteria to help objectively assess the condition of each species or group. Numbers under the first column heading, "#YR", indicates the number of times the catch rate had declined out of the last three year-to-year intervals. The sign under the second column, "DN", indicates the sign of the slope for any significant five-year regression (2014-2018) of catch rate on year. Under the final column heading, "SIG", indicates the significance level of the five-year regression using a series of asterisks to show the significance at different Type I error levels (see legend at bottom of each page).

FISH AND WILDLIFE CONSERVATION COMMISSION
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CATCH RATE SUMMARY 2009-2018

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SPECIES : AMBERJACKS COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
COMM	TRIPS	1819	1608	1915	1383	1090	1463	1428	1282	1117	1034		
POUNDS	LANDINGS	499401	575028	782936	598499	472272	511693	473900	420667	339331	357170		
	LB/TRIP	130.76	179.20	210.76	204.83	182.22	158.75	143.86	169.08	166.86	171.62	1	

SPECIES : AMBERJACKS COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
REC	INTERVIEWS	48	53	41	89	48	135	140	119	68	80		
	EST. TRIPS	141191	207555	111985	244751	111856	341572	540530	341180	702991	356763		
NUMBER	LANDINGS	76830	80838	44933	77843	71942	88291	239406	209389	149540	130307		
	NUM/HOUR	1.39	0.87	1.56	0.85	1.32	1.26	1.75	1.45	0.93	1.76	2	

SPECIES : AMBERJACKS COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
COMM	TRIPS	2183	1842	1558	1783	1552	1709	1413	1469	1545	1326		
POUNDS	LANDINGS	709760	731905	593686	667796	663433	621362	507774	540122	684821	461464		
	LB/TRIP	134.09	151.47	147.98	180.65	224.33	201.43	188.56	186.66	248.64	214.44	2	

SPECIES : AMBERJACKS COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
REC	INTERVIEWS	221	240	295	366	166	305	258	203	141	144		
	EST. TRIPS	395681	1065210	995755	526618	2260018	1509760	894567	761078	362801	350609		
NUMBER	LANDINGS	158321	216221	117881	221780	221913	139636	151624	141559	85206	78248		
	NUM/HOUR	1.18	1.21	0.94	1.15	0.66	0.91	0.79	1.00	1.27	0.99	1	

SPECIES : BALLYHOO COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
COMM	TRIPS	226	174	100	15	17	2	15	94	142	104		
POUNDS	LANDINGS	178108	247901	91029	11789	42583	123	53885	178606	345440	200933		
	LB/TRIP	958.83	1116.08	846.80	779.21	2791.60	61.50	4929.14	2084.72	2138.61	2292.47	1	

SPECIES : BALLYHOO COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
REC	INTERVIEWS	5	1	2	2	4	4	8	10	5	5		
	EST. TRIPS	395498	41812	40221	19576	118985	186335	349803	1038305	329220	137095		
NUMBER	LANDINGS	1076663	288736	270439	228096	406854	471418	486915	1143793	1486284	776667		
	NUM/HOUR	2.75	6.91	7.02	12.73	3.42	2.56	1.51	1.49	4.91	5.68	1	

SPECIES : BALLYHOO COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
FIM	NUM SETS	324	324	324	324	324	324	324	324	324	324		
LARGE	PROP W/FIS	0.012	0.000	0.003	0.003	0.003	0.000	0.000	0.000	0.000	0.000	0	

SPECIES : BALLYHOO COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
COMM	TRIPS	419	326	377	317	346	287	384	399	424	291		
POUNDS	LANDINGS	865334	868223	921003	785651	915698	766713	939961	954448	1112736	652405		
	LB/TRIP	241.34	300.18	288.94	266.18	287.80	308.92	286.52	259.56	268.49	289.73	1	

SPECIES : BALLYHOO COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
REC	INTERVIEWS	2			1	4	7	3	3	2	3		
	EST. TRIPS	15807873			196792	751019	711652	114219	39268	24533	84886		
NUMBER	LANDINGS	3383222			61208	1113539	488772	305430	32721	86236	79202		
	NUM/HOUR	0.21			0.33	1.50	0.69	2.67	0.92	3.52	0.93	2	

SPECIES : BALLYHOO COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
FIM	NUM SETS	444	444	444	444	444	444	444	444	444	444		
LARGE	PROP W/FIS	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.002	0.002	1	

SPECIES : BLUE RUNNER COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
COMM	TRIPS	6069	7147	7823	6616	6279	8308	7322	6820	6363	6289		
POUNDS	LANDINGS	227022	158451	185930	166408	136072	168642	189479	131851	113320	118275		
	LB/TRIP	48.02	39.36	41.92	41.60	42.23	39.84	39.60	35.36	36.63	32.07	2	- **

Significance levels: * - 0.10, ** - 0.05, *** - 0.01

SPECIES : BLUE RUNNER COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS	100	75	64	114	126	196	144	113	81	83			
	EST. TRIPS	7527876	3244328	6337983	3753445	8902320	13579271	8310847	5376859	7684389	4526741			
NUMBER	LANDINGS	2565104	931692	2411360	1593585	5188875	4422488	1233313	2019424	3207439	2224574			
	NUM/HOUR	0.74	0.85	0.83	1.11	0.81	0.72	0.72	0.80	0.84	1.18	0	+	*

SPECIES : BLUE RUNNER COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	324	324	324	324	324	324	324	324	324	324			
LARGE	PROP W/FIS	0.006	0.009	0.006	0.009	0.009	0.006	0.006	0.006	0.006	0.006	0		

SPECIES : BLUE RUNNER COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	1054	1267	1155	1493	1464	1935	1886	1643	2012	1862			
POUNDS	LANDINGS	56571	97858	85045	100927	95013	88911	81454	85721	109776	114935			
	LB/TRIP	55.96	67.03	62.74	67.95	59.10	56.13	57.58	62.80	72.17	73.73	0	+	***

SPECIES : BLUE RUNNER COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS	57	30	67	59	179	160	180	149	128	121			
	EST. TRIPS	5080266	7400257	5954625	6031261	9059953	8952597	6940217	9290671	9304121	3097790			
NUMBER	LANDINGS	2481560	1103710	1754909	1761235	5168213	8542647	4812522	7148838	12164929	4428013			
	NUM/HOUR	1.01	0.45	0.76	0.84	1.21	1.62	1.34	1.22	1.78	2.70	1		

SPECIES : BLUE RUNNER COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	444	444	444	444	444	444	444	444	444	444			
LARGE	PROP W/FIS	0.009	0.005	0.002	0.000	0.002	0.002	0.002	0.002	0.002	0.000	1		

SPECIES : BLUEFISH COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	3913	5425	5563	5338	4492	4339	4246	4386	4502	4661			
POUNDS	LANDINGS	213965	316048	244447	178197	142579	163779	232920	209390	267130	316316			
	LB/TRIP	62.06	79.99	60.06	46.73	39.31	43.87	59.38	54.17	64.92	63.11	2	+	*

SPECIES : BLUEFISH COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS	223	302	194	118	107	137	142	100	63	66			
	EST. TRIPS	6559497	10796794	9830733	7580254	6168904	6247709	4458995	4316003	2224717	3002495			
NUMBER	LANDINGS	5501524	6046320	5574504	2319388	2036726	3262002	2081451	1492132	1590866	1963114			
	NUM/HOUR	1.63	1.81	1.43	1.37	1.95	1.53	1.67	1.45	1.48	1.70	1		

SPECIES : BLUEFISH COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	324	324	324	324	324	324	324	324	324	324			
LARGE	PROP W/FIS	0.015	0.019	0.039	0.013	0.014	0.015	0.030	0.018	0.015	0.012	3		

SPECIES : BLUEFISH COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	1111	712	435	621	1314	1353	958	1052	1195	644			
POUNDS	LANDINGS	38551	14545	10877	17799	44307	46180	37742	94131	38086	35769			
	LB/TRIP	34.07	31.38	29.39	29.47	33.90	32.78	33.17	36.29	30.23	30.24	1		

SPECIES : BLUEFISH COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS	58	58	38	56	97	75	43	77	67	58			
	EST. TRIPS	1636417	1021489	548778	677193	1309755	654126	442172	791308	483869	137482			
NUMBER	LANDINGS	533033	284712	240301	197447	311973	526644	307584	357117	218996	94846			
	NUM/HOUR	1.49	1.13	1.40	1.48	1.93	2.26	2.47	1.99	1.54	3.25	2		

SPECIES : BLUEFISH COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	1314	1340	1339	1340	1340	1346	1364	1801	1799	1797			
Y-O-Y	PROP W/FIS	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.001	0.000	0.001	1		

Significance levels: * - 0.10, ** - 0.05, *** - 0.01

SPECIES : BLUEFISH COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	444	444	444	444	444	444	444	444	444	444			
LARGE	PROP W/FIS	0.016	0.009	0.002	0.002	0.009	0.011	0.005	0.000	0.007	0.009	1		

SPECIES : BONEFISH COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	260	260	260	260	260	260	260	260	260	260			
Y-O-Y	PROP W/FIS	0.004	0.000	0.000	0.000	0.004	0.004	0.008	0.008	0.015	0.012	1	+	*

SPECIES : BONEFISH COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	324	324	324	324	324	324	324	324	324	324			
LARGE	PROP W/FIS	0.000	0.000	0.003	0.000	0.003	0.003	0.015	0.003	0.009	0.003	2		

SPECIES : BONEFISH COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	444	444	444	444	444	444	444	444	444	444			
LARGE	PROP W/FIS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.000	1		

SPECIES : CATFISH COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	301	263	253	351	655	872	720	194	105	101			
POUNDS	LANDINGS	7739	3944	8876	6214	10889	43116	32829	3267	2931	4288			
	LB/TRIP	30.04	24.83	27.60	20.98	21.54	20.57	22.67	24.46	22.86	38.43	1		

SPECIES : CATFISH COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS	16	25	17	11	77	101	111	60	57	82			
	EST. TRIPS	9657136	21594539	18219669	14630419	20325959	20743261	20226658	25035685	19418071	20380714			
NUMBER	LANDINGS	129987	206452	174027	423315	1420242	260867	543032	1603198	85209	488110			
	NUM/HOUR	0.42	0.38	0.49	0.36	0.56	0.58	0.39	0.53	0.50	0.68	1		

SPECIES : CATFISH COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	44	45	18	47	132	7	23	47	44	32			
POUNDS	LANDINGS	2780	5122	1205	984	18326	390	1055	13795	2301	1930			
	LB/TRIP	57.53	83.64	74.58	40.37	46.07	104.24	49.38	67.45	58.73	77.66	1		

SPECIES : CATFISH COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS	84	52	51	59	228	340	380	269	233	316			
	EST. TRIPS	17396880	21850333	11577635	19588926	26589114	15910361	19518909	16475273	21741485	15473817			
NUMBER	LANDINGS	361390	194026	374570	420627	367488	391638	107865	226544	309641	586758			
	NUM/HOUR	0.45	0.43	0.82	0.49	0.46	0.61	0.65	0.69	0.58	0.78	1		

SPECIES : GAFFTOPSAIL CATFISH COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS	2	2	4	2	18	16	32	11	10	31			
	EST. TRIPS	1036140	1496734	1962324	1281613	1206409	795317	970765	1848950	552970	834189			
NUMBER	LANDINGS	58451	12950	21951	16980	60435	10204	184118	884523	71129	34795			
	NUM/HOUR	1.14	0.60	1.11	0.76	1.50	2.59	2.33	2.44	1.69	2.25	1		

SPECIES : GAFFTOPSAIL CATFISH COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	260	260	260	260	260	260	260	260	260	260			
Y-O-Y	PROP W/FIS	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0		

SPECIES : GAFFTOPSAIL CATFISH COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	324	324	324	324	324	324	324	324	324	324			
LARGE	PROP W/FIS	0.014	0.012	0.045	0.024	0.011	0.020	0.023	0.024	0.031	0.088	0		

Significance levels: * - 0.10, ** - 0.05, *** - 0.01

SPECIES : GAFFTOPSAIL CATFISH COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS	37	20	25	34	72	97	104	54	71	97			
	EST. TRIPS	1354599	1684483	1265435	2114685	2584469	1555595	1317895	926655	1973435	1457025			
NUMBER	LANDINGS	153452	71011	132834	101940	103076	170154	58482	105588	163599	300594			
	NUM/HOUR	1.37	1.02	1.44	1.14	1.54	1.86	1.99	2.13	1.51	2.19	1		

SPECIES : GAFFTOPSAIL CATFISH COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	1314	1340	1339	1340	1340	1346	1364	1801	1799	1797			
Y-O-Y	PROP W/FIS	0.002	0.011	0.009	0.009	0.012	0.007	0.004	0.003	0.003	0.003	1	-	*

SPECIES : GAFFTOPSAIL CATFISH COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	444	444	444	444	444	444	444	444	444	444			
LARGE	PROP W/FIS	0.057	0.041	0.071	0.048	0.039	0.053	0.051	0.039	0.027	0.055	2		

SPECIES : HARDHEAD CATFISH COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS	12	18	12	9	53	83	79	49	47	48			
	EST. TRIPS	1793549	5919123	4116916	3342403	3772529	4926537	3454494	5221199	4493566	6606547			
NUMBER	LANDINGS	71535	193502	152076	406335	1359807	250663	358914	367382	14081	453315			
	NUM/HOUR	1.59	1.22	1.66	1.29	2.10	1.75	1.57	1.62	1.86	1.79	1		

SPECIES : HARDHEAD CATFISH COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	260	260	260	260	260	260	260	260	260	260			
Y-O-Y	PROP W/FIS	0.004	0.081	0.131	0.027	0.023	0.019	0.012	0.042	0.035	0.046	1	+	*

SPECIES : HARDHEAD CATFISH COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	324	324	324	324	324	324	324	324	324	324			
LARGE	PROP W/FIS	0.629	0.653	0.755	0.431	0.539	0.609	0.667	0.700	0.665	0.795	1	+	*

SPECIES : HARDHEAD CATFISH COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS	44	32	26	25	148	230	258	205	152	189			
	EST. TRIPS	3371149	4115486	4362128	3917785	4085578	2977311	4186130	3689209	4317233	2966050			
NUMBER	LANDINGS	193045	121090	241736	317127	238619	218882	49383	105638	146042	281296			
	NUM/HOUR	1.67	1.82	1.74	1.77	1.94	2.21	2.37	2.18	2.11	2.74	2		

SPECIES : HARDHEAD CATFISH COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	1314	1340	1339	1340	1340	1346	1364	1801	1799	1797			
Y-O-Y	PROP W/FIS	0.003	0.006	0.006	0.004	0.003	0.003	0.003	0.001	0.003	0.001	2		

SPECIES : HARDHEAD CATFISH COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	444	444	444	444	444	444	444	444	444	444			
LARGE	PROP W/FIS	0.404	0.376	0.379	0.334	0.279	0.290	0.335	0.300	0.421	0.439	1	+	**

SPECIES : COBIA COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	1590	1886	2369	1733	1414	1646	1300	1098	943	743			
POUNDS	LANDINGS	65858	101454	156032	79928	59929	77627	56291	42800	37621	28012			
	LB/TRIP	41.14	50.47	58.12	42.70	41.92	45.77	42.54	37.74	40.71	38.93	2		

SPECIES : COBIA COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS	149	258	218	307	128	243	258	167	144	102			
	EST. TRIPS	1543012	1797169	1876341	1522153	666751	1122544	908193	980549	878154	3200905			
NUMBER	LANDINGS	45988	92778	111472	51494	29654	61213	53372	73290	38686	77307			
	NUM/HOUR	0.07	0.09	0.12	0.05	0.07	0.09	0.09	0.12	0.08	0.04	2		

Significance levels: * - 0.10, ** - 0.05, *** - 0.01

SPECIES : COBIA COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	1029	1168	1173	823	1128	1051	932	913	848	576			
POUNDS	LANDINGS	50349	85048	72669	42356	72802	60769	52184	46984	41668	23089			
	LB/TRIP	34.80	42.02	39.95	37.13	41.07	38.61	38.27	35.53	36.09	30.40	2	-	**

SPECIES : COBIA COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS	152	215	192	184	118	263	224	213	148	133			
	EST. TRIPS	604714	773485	875274	884117	568575	680874	1253188	591575	460336	801781			
NUMBER	LANDINGS	35527	73922	29960	52733	42119	58478	42414	46117	37541	40044			
	NUM/HOUR	0.22	0.21	0.17	0.22	0.30	0.30	0.25	0.26	0.33	0.33	0		

SPECIES : COBIA COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	444	444	444	444	444	444	444	444	444	444			
LARGE	PROP W/FIS	0.000	0.002	0.005	0.002	0.000	0.000	0.002	0.000	0.002	0.002	1		

SPECIES : CROAKER COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	2215	1685	1782	2069	1704	1557	1819	2025	1679	1907			
POUNDS	LANDINGS	32313	36960	44977	74023	71448	45321	37115	55154	42394	54437			
	LB/TRIP	41.50	55.94	51.30	54.56	51.74	43.92	44.53	53.24	52.58	55.79	1	+	**

SPECIES : CROAKER COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS	85	39	60	76	45	48	54	32	35	46			
	EST. TRIPS	1819778	931433	2197950	2720276	785661	1387264	2010222	3546291	1003162	1047568			
NUMBER	LANDINGS	2252473	470168	2593963	2190268	1332465	1359207	2429723	3553777	969146	1115308			
	NUM/HOUR	2.35	1.59	2.35	1.91	3.31	2.61	2.43	2.15	2.72	2.06	2		

SPECIES : CROAKER COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	260	260	260	260	260	260	260	260	260	260			
Y-O-Y	PROP W/FIS	0.027	0.077	0.062	0.004	0.004	0.015	0.008	0.108	0.012	0.142	1		

SPECIES : CROAKER COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	324	324	324	324	324	324	324	324	324	324			
LARGE	PROP W/FIS	0.043	0.124	0.101	0.031	0.016	0.030	0.073	0.047	0.035	0.125	2		

SPECIES : CROAKER COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	98	122	155	117	66	77	61	62	34	40			
POUNDS	LANDINGS	8692	76670	40003	42881	42173	7825	5028	4830	12060	831			
	LB/TRIP	48.65	72.48	40.33	42.10	23.91	18.52	43.13	43.57	22.20	18.47	2		

SPECIES : CROAKER COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS	27	9	27	28	21	17	10	15	22	23			
	EST. TRIPS	141001	159650	326568	288745	215230	372340	140659	202023	226162	346159			
NUMBER	LANDINGS	218478	348972	284361	355822	487087	913607	149230	286681	550513	765328			
	NUM/HOUR	5.48	5.93	4.27	4.82	5.44	5.14	6.03	4.82	5.58	8.09	1		

SPECIES : CROAKER COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	1314	1340	1339	1340	1340	1346	1364	1801	1799	1797			
Y-O-Y	PROP W/FIS	0.000	0.010	0.009	0.010	0.001	0.007	0.001	0.003	0.002	0.001	2		

SPECIES : CROAKER COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	444	444	444	444	444	444	444	444	444	444			
LARGE	PROP W/FIS	0.000	0.007	0.029	0.018	0.000	0.000	0.002	0.002	0.000	0.005	1		

Significance levels: * - 0.10, ** - 0.05, *** - 0.01

SPECIES : DOLPHIN COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	1795	1271	1562	1551	1320	1945	1110	1506	1239	1164			
POUNDS	LANDINGS	270607	264864	275975	246570	221869	403890	293486	263122	152080	143992			
	LB/TRIP	52.77	50.69	55.34	53.61	62.11	67.68	60.65	60.44	44.36	47.63	2	-	**

SPECIES : DOLPHIN COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS	1059	843	937	1092	721	1066	1157	896	787	751			
	EST. TRIPS	2472291	1862691	3905084	2402380	3274869	3865866	4043093	2129415	4015541	2687111			
NUMBER	LANDINGS	801174	484622	770791	949250	805906	1179017	1504903	798601	1284762	1091296			
	NUM/HOUR	0.40	0.39	0.42	0.49	0.38	0.48	0.57	0.43	0.48	0.56	1		

SPECIES : DOLPHIN COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	1859	1007	1773	1048	911	1042	684	441	631	630			
POUNDS	LANDINGS	417386	107657	282682	113400	149556	163039	119824	29453	64356	48081			
	LB/TRIP	21.25	18.55	24.83	21.58	22.49	20.17	19.97	12.85	15.30	15.23	2		

SPECIES : DOLPHIN COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS	223	205	269	241	182	359	312	150	113	206			
	EST. TRIPS	1156310	656214	1678656	872541	4536325	1372585	1627527	522367	841142	358869			
NUMBER	LANDINGS	678326	317539	1231045	740427	1134782	613744	1027044	272589	524205	341733			
	NUM/HOUR	0.68	0.82	0.87	1.14	0.89	0.91	1.17	0.70	0.77	1.40	1		

SPECIES : DRUM, BLACK COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	982	698	556	589	981	1400	954	704	844	863			
POUNDS	LANDINGS	15710	15684	22295	14302	28450	91585	50477	26978	41280	19522			
	LB/TRIP	14.93	18.10	17.79	13.39	14.80	28.59	27.39	23.11	22.32	16.85	3	-	***

SPECIES : DRUM, BLACK COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS	190	275	219	166	126	203	153	169	157	134			
	EST. TRIPS	2103534	3307998	3239508	1841987	2365057	1901867	1728167	2518601	2408337	2260522			
NUMBER	LANDINGS	1100618	961627	1401636	496537	1044490	983582	514606	1217913	1044752	916301			
	NUM/HOUR	1.08	0.93	0.71	0.95	1.14	1.07	0.93	0.89	1.12	1.36	1		

SPECIES : DRUM, BLACK COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	260	260	260	260	260	260	260	260	260	260			
Y-O-Y	PROP W/FIS	0.004	0.000	0.004	0.062	0.012	0.000	0.000	0.023	0.004	0.023	1		

SPECIES : DRUM, BLACK COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	324	324	324	324	324	324	324	324	324	324			
LARGE	PROP W/FIS	0.074	0.064	0.093	0.091	0.203	0.197	0.155	0.141	0.156	0.201	1		

SPECIES : DRUM, BLACK COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	366	386	356	467	1129	1489	1228	885	851	952			
POUNDS	LANDINGS	13677	15178	9065	11792	23110	43026	43905	31932	22461	13913			
	LB/TRIP	24.29	30.37	25.09	23.53	28.18	33.23	34.27	36.94	28.00	23.17	2		

SPECIES : DRUM, BLACK COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS	55	68	42	52	56	119	111	70	55	89			
	EST. TRIPS	359176	962344	789369	428670	562686	585257	588607	468406	432491	381166			
NUMBER	LANDINGS	89626	524586	132320	101460	180861	333082	281391	156963	284944	170228			
	NUM/HOUR	0.77	0.96	0.40	0.72	1.10	1.31	0.91	0.97	1.37	1.21	1		

SPECIES : DRUM, BLACK COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	1314	1340	1339	1340	1340	1346	1364	1801	1799	1797			
Y-O-Y	PROP W/FIS	0.001	0.002	0.004	0.005	0.000	0.000	0.000	0.002	0.000	0.001	1		

Significance levels: * - 0.10, ** - 0.05, *** - 0.01

SPECIES : DRUM, BLACK COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	444	444	444	444	444	444	444	444	444	444			
LARGE	PROP W/FIS	0.028	0.033	0.023	0.055	0.120	0.063	0.053	0.055	0.080	0.092	0		

SPECIES : DRUM, RED COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS	1320	1603	1432	1645	939	1332	1543	1107	1131	900			
	EST. TRIPS	13552065	32938215	23448297	15078452	23556069	24956640	19994109	25720502	23092740	22162400			
NUMBER	LANDINGS	420728	721011	787958	877569	1007729	1027980	981685	1309505	978520	1065136			
	NUM/HOUR	0.20	0.23	0.21	0.23	0.26	0.24	0.26	0.23	0.25	0.29	1		

SPECIES : DRUM, RED COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	260	260	260	260	260	260	260	260	260	260			
Y-O-Y	PROP W/FIS	0.049	0.053	0.044	0.058	0.062	0.097	0.097	0.068	0.077	0.100	1		

SPECIES : DRUM, RED COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	324	324	324	324	324	324	324	324	324	324			
LARGE	PROP W/FIS	0.110	0.125	0.185	0.213	0.180	0.257	0.183	0.187	0.134	0.114	2	-	**

SPECIES : DRUM, RED COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS	2533	2655	2784	3032	2433	3553	3647	3563	2883	2340			
	EST. TRIPS	24453805	41532165	44230479	42360341	31169642	31086684	42390421	35001428	31956255	27706384			
NUMBER	LANDINGS	460329	570018	701677	1109807	902223	835873	1123946	844169	804614	602410			
	NUM/HOUR	0.14	0.15	0.17	0.17	0.21	0.20	0.19	0.19	0.16	0.21	2		

SPECIES : DRUM, RED COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	1314	1340	1339	1340	1340	1346	1364	1801	1799	1797			
Y-O-Y	PROP W/FIS	0.022	0.043	0.041	0.031	0.043	0.038	0.026	0.027	0.030	0.027	1		

SPECIES : DRUM, RED COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	444	444	444	444	444	444	444	444	444	444			
LARGE	PROP W/FIS	0.153	0.135	0.173	0.190	0.289	0.227	0.196	0.171	0.168	0.156	3	-	**

SPECIES : FLOUNDERS COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	2094	2028	2965	3361	2976	2564	2243	2313	1813	1632			
POUNDS	LANDINGS	104621	105199	250818	225987	159778	148516	96862	122115	93164	68857			
	LB/TRIP	17.44	17.42	27.23	22.54	19.26	16.78	14.26	16.56	14.86	14.66	2		

SPECIES : FLOUNDERS COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS	328	334	388	380	252	355	306	266	195	225			
	EST. TRIPS	31687848	5906411	24867716	24691539	8423360	8502433	10557824	12217211	8994358	8095311			
NUMBER	LANDINGS	847352	993740	1079906	1154765	718444	1214350	924581	1031083	533743	715574			
	NUM/HOUR	0.06	0.32	0.08	0.08	0.18	0.32	0.16	0.15	0.10	0.19	2		

SPECIES : FLOUNDERS COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	2142	2065	2917	3179	3045	2260	2846	2668	2481	1775			
POUNDS	LANDINGS	100083	89291	112648	116921	91449	74710	74788	63750	75192	52624			
	LB/TRIP	11.36	10.85	10.92	9.61	8.30	8.64	6.14	7.90	7.98	7.48	1		

SPECIES : FLOUNDERS COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS	119	141	167	246	247	304	203	212	100	112			
	EST. TRIPS	2150731	2454651	4163667	3815887	3478287	1665781	1552916	1346384	793795	607443			
NUMBER	LANDINGS	453515	359158	635662	1084806	1008794	641491	374760	479824	325940	309239			
	NUM/HOUR	0.42	0.40	0.26	0.45	0.40	0.52	0.33	0.43	0.61	0.60	1		

Significance levels: * - 0.10, ** - 0.05, *** - 0.01

SPECIES : GULF FLOUNDER COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS	5	15	2	4	6	15	16	3	3	9			
	EST. TRIPS	184331	579812	461965	508563	157428	302983	172863	26152	26969	139824			
NUMBER	LANDINGS	46247	150989	121401	128079	30100	95464	49612	4969	7012	40979			
	NUM/HOUR	0.26	0.29	0.26	0.25	0.29	0.32	0.29	0.26	0.26	0.31	2		

SPECIES : GULF FLOUNDER COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	260	260	260	260	260	260	260	260	260	260			
Y-O-Y	PROP W/FIS	0.000	0.004	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0		

SPECIES : GULF FLOUNDER COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	324	324	324	324	324	324	324	324	324	324			
LARGE	PROP W/FIS	0.021	0.014	0.022	0.001	0.006	0.007	0.018	0.006	0.013	0.006	2		

SPECIES : GULF FLOUNDER COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS	95	134	155	220	231	287	166	182	88	99			
	EST. TRIPS	726964	736570	806023	972610	814982	462318	307358	382469	297439	179219			
NUMBER	LANDINGS	431068	346531	573691	974084	932745	622382	366374	449310	242637	286239			
	NUM/HOUR	1.20	1.25	1.05	1.28	1.43	1.66	1.37	1.37	1.25	1.78	1		

SPECIES : GULF FLOUNDER COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	1314	1340	1339	1340	1340	1346	1364	1801	1799	1797			
Y-O-Y	PROP W/FIS	0.014	0.053	0.055	0.029	0.041	0.075	0.037	0.021	0.006	0.023	2	-	*

SPECIES : GULF FLOUNDER COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	444	444	444	444	444	444	444	444	444	444			
LARGE	PROP W/FIS	0.095	0.163	0.180	0.161	0.161	0.135	0.235	0.161	0.132	0.061	3		

SPECIES : SOUTHERN FLOUNDER COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS	30	31	48	50	69	99	75	79	34	48			
	EST. TRIPS	2392351	2016414	2119523	1963011	1253625	1592112	1253240	1323190	807444	947674			
NUMBER	LANDINGS	786312	709539	806069	768413	669017	1048113	664562	717238	325427	522291			
	NUM/HOUR	0.34	0.35	0.39	0.39	0.56	0.66	0.53	0.61	0.41	0.55	1		

SPECIES : SOUTHERN FLOUNDER COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS	10	5	8	18	13	14	10	15	6	11			
	EST. TRIPS	42422	46794	109088	141149	129795	37027	16902	51259	42650	25827			
NUMBER	LANDINGS	21229	12627	59831	81221	75483	19109	6945	23639	26118	18788			
	NUM/HOUR	0.56	0.56	0.59	0.66	0.63	0.56	0.53	0.62	0.72	0.73	0	+	**

SPECIES : GROUPER, BLACK COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	160	166	191	164	133	130	138	139	103	114			
POUNDS	LANDINGS	8520	10441	16751	12120	7520	5483	6320	5880	4526	4438			
	LB/TRIP	51.89	49.68	65.82	56.96	46.40	46.53	47.00	41.23	46.46	45.45	2		

SPECIES : GROUPER, BLACK COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS	5	4	6	8	5	2	16	12	9	8			
	EST. TRIPS	243862	93166	61117	230328	111093	257574	446532	249098	106659	70079			
NUMBER	LANDINGS	10077	2269	4807	7111	13286	1284	1818	20172	15636	12313			
	NUM/HOUR	0.15	0.12	0.14	0.15	0.26	0.12	0.18	0.14	0.30	0.42	1	+	**

SPECIES : GROUPER, BLACK COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	1096	821	973	922	1086	1410	1278	1196	1165	924			
POUNDS	LANDINGS	68430	58104	86922	87865	108339	143517	135710	116834	126941	85079			
	LB/TRIP	106.08	119.84	128.72	119.21	122.57	151.57	153.18	131.20	156.41	129.82	2		

Significance levels: * - 0.10, ** - 0.05, *** - 0.01

SPECIES : GROUPER, BLACK COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
REC	INTERVIEWS	21	8	7	9	23	27	34	25	13	9		
	EST. TRIPS	3320819	1071574	2547907	2757739	2704745	2305680	1633990	2662067	231793	366418		
NUMBER	LANDINGS	51919	826	3224	14159	9985	12808	19802	21373	3108	1420		
	NUM/HOUR	0.06	0.04	0.04	0.05	0.05	0.06	0.07	0.04	0.07	0.06	2	

SPECIES : GROUPER, GAG COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
COMM	TRIPS	1050	707	808	720	642	685	623	490	456	481		
POUNDS	LANDINGS	130760	117528	102938	133875	104613	105507	101805	81124	62036	86290		
	LB/TRIP	50.29	70.32	60.42	77.08	64.08	61.80	63.31	60.31	46.47	64.05	2	

SPECIES : GROUPER, GAG COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
REC	INTERVIEWS	30	39	30	34	45	37	34	31	10	30		
	EST. TRIPS	1093685	793222	605440	468981	217621	379438	408088	233159	82541	128267		
NUMBER	LANDINGS	48764	30248	24967	22823	14501	28966	14332	18943	17065	22130		
	NUM/HOUR	0.38	0.32	0.31	0.39	0.45	0.54	0.22	0.21	0.45	0.53	1	

SPECIES : GROUPER, GAG COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
FIM	NUM SETS	324	324	324	324	324	324	324	324	324	324		
LARGE	PROP W/FIS	0.000	0.000	0.000	0.003	0.003	0.000	0.000	0.000	0.000	0.000	0	

SPECIES : GROUPER, GAG COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
COMM	TRIPS	4167	3053	2527	3125	3042	3411	2943	3347	2850	2624		
POUNDS	LANDINGS	822507	571915	369009	613523	675916	690908	642510	1075986	574920	576320		
	LB/TRIP	46.16	45.91	42.10	55.30	53.95	47.11	41.23	62.68	45.72	48.95	1	

SPECIES : GROUPER, GAG COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
REC	INTERVIEWS	665	758	477	546	549	667	436	567	475	425		
	EST. TRIPS	14709727	13234579	8734626	5721068	4488855	2976991	1993231	3842149	5427879	2942639		
NUMBER	LANDINGS	427520	590203	312780	282109	465799	327443	277666	213633	279108	272507		
	NUM/HOUR	0.45	0.43	0.45	0.52	0.70	0.80	0.79	0.61	0.67	0.81	1	

SPECIES : GROUPER, GAG COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
FIM	NUM SETS	1314	1340	1339	1340	1340	1346	1364	1801	1799	1797		
Y-O-Y	PROP W/FIS	0.002	0.003	0.000	0.000	0.001	0.001	0.001	0.000	0.004	0.001	2	

SPECIES : GROUPER, GAG COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
FIM	NUM SETS	444	444	444	444	444	444	444	444	444	444		
LARGE	PROP W/FIS	0.020	0.007	0.005	0.002	0.009	0.011	0.005	0.007	0.009	0.009	0	

SPECIES : GROUPER, RED COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
COMM	TRIPS	289	157	257	277	238	269	192	157	223	142		
POUNDS	LANDINGS	9292	5501	9062	10246	7689	6864	5714	5060	4964	3221		
	LB/TRIP	17.11	15.79	15.66	17.58	17.38	15.33	17.63	13.20	14.38	12.91	2	

SPECIES : GROUPER, RED COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
REC	INTERVIEWS	17	6	7	13	24	14	13	25	19	21		
	EST. TRIPS	182799	148995	16823	37219	69531	31095	101572	31730	46570	84199		
NUMBER	LANDINGS	12408	5008	12260	17713	38228	11361	43162	27063	33152	37100		
	NUM/HOUR	0.97	1.04	2.95	1.88	2.53	6.38	1.83	3.62	2.31	3.10	1	

SPECIES : GROUPER, RED COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
COMM	TRIPS	5675	3925	4368	4468	4382	4926	4646	4484	4054	3592		
POUNDS	LANDINGS	4387086	3487917	5635425	6151058	5412780	6637180	5673318	5303917	3921285	2800648		
	LB/TRIP	343.42	287.22	395.86	485.04	365.10	381.24	362.79	292.44	267.83	208.03	3	- ***

Significance levels: * - 0.10, ** - 0.05, *** - 0.01

SPECIES : GROUPER, RED COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
REC	INTERVIEWS	305	267	401	492	521	764	583	608	421	308		
	EST. TRIPS	10802207	9465814	10579791	8395051	8300777	5856042	4310837	3269919	3027967	2013745		
NUMBER	LANDINGS	266068	334422	303015	804554	885193	918581	568743	426991	265715	278281		
	NUM/HOUR	0.66	0.66	0.64	0.70	0.79	0.99	0.83	0.91	0.96	1.69	0	

SPECIES : GROUPER, RED COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
FIM	NUM SETS	444	444	444	444	444	444	444	444	444	444		
LARGE	PROP W/FIS	0.002	0.002	0.002	0.000	0.000	0.002	0.000	0.002	0.000	0.000	1	

SPECIES : GROUPER, SCAMP COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
COMM	TRIPS	342	186	191	247	250	301	269	190	200	184		
POUNDS	LANDINGS	22496	15957	14269	31889	23254	35929	30139	22122	27335	22089		
	LB/TRIP	37.53	44.51	47.36	68.81	54.62	70.55	63.10	64.81	78.45	66.12	1	

SPECIES : GROUPER, SCAMP COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
COMM	TRIPS	2402	1703	2080	2536	2145	2267	2083	2311	1952	1910		
POUNDS	LANDINGS	232736	149244	142182	254762	252293	167954	186210	293887	159333	149190		
	LB/TRIP	74.78	55.57	54.39	84.74	79.81	53.98	53.07	84.74	54.70	52.74	2	

SPECIES : GROUPER, SCAMP COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
REC	INTERVIEWS	48	49	96	76	33	62	61	49	25	15		
	EST. TRIPS	4154561	6751566	1330979	4659200	1303888	2315482	3303269	2783911	2004630	592093		
NUMBER	LANDINGS	48839	24867	36538	65103	54130	54790	86311	61066	33677	31967		
	NUM/HOUR	0.04	0.04	0.05	0.06	0.06	0.08	0.08	0.04	0.06	0.09	1	

SPECIES : GROUPER, SNOWY COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
COMM	TRIPS	219	232	219	383	309	267	404	248	183	162		
POUNDS	LANDINGS	14709	15935	13723	33915	25184	20724	35720	22310	18594	14615		
	LB/TRIP	68.05	79.05	59.34	96.86	83.18	67.48	89.76	57.27	77.94	55.20	2	

SPECIES : GROUPER, SNOWY COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
REC	INTERVIEWS	5			3	1	2	2	2	2	3		
	EST. TRIPS	32274			41631	14977	26186	6977	2035	0	3550		
NUMBER	LANDINGS	4577			2470	3697	27	1371	556	0	1375		
	NUM/HOUR	0.19			0.14	0.25	0.40	0.20	0.58	0.00	0.72	1	

SPECIES : GROUPER, SNOWY COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
COMM	TRIPS	786	612	403	776	635	779	843	694	578	713		
POUNDS	LANDINGS	191263	114235	122593	193633	132839	207445	153997	142507	119803	141551		
	LB/TRIP	164.47	170.66	142.44	167.16	159.70	165.38	148.61	158.63	158.07	148.48	2	

SPECIES : GROUPER, SNOWY COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
REC	INTERVIEWS	6	7	4	7	5	13	12	8	3	6		
	EST. TRIPS	40830	11761	8954	131885	23051	14019	7855	8855	2730	10732		
NUMBER	LANDINGS	7491	9198	2611	74107	4694	6147	4797	4633	1322	2832		
	NUM/HOUR	0.30	0.78	0.29	0.56	0.33	0.49	1.02	0.71	0.75	0.66	2	

Significance levels: * - 0.10, ** - 0.05, *** - 0.01

SPECIES : GROUPER, WARSAW COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
COMM	TRIPS	4	2	1				2	2				
POUNDS	LANDINGS	79	42	5				148	214				
	LB/TRIP	34.60	47.61	11.21				34.91	107.00			1	

SPECIES : GROUPER, WARSAW COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
REC	INTERVIEWS	1	1		1				1		1		
	EST. TRIPS	32060	1444		3839				904		1041		
NUMBER	LANDINGS	6412	1444		480				196		0		
	NUM/HOUR	0.20	1.00		0.13				0.86		2.33	1	

SPECIES : GROUPER, WARSAW COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
COMM	TRIPS	183	79	118	158	202	166	126	110	117	119		
POUNDS	LANDINGS	19539	5565	14306	16418	22007	16919	12829	12094	9475	11372		
	LB/TRIP	78.79	55.87	68.30	71.80	85.77	84.94	72.79	80.52	56.94	72.15	1	

SPECIES : GROUPER, WARSAW COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
REC	INTERVIEWS	2	3		2	3			1				
	EST. TRIPS	8721	487		7791	1215			572				
NUMBER	LANDINGS	1999	139		1428	304			95				
	NUM/HOUR	0.23	0.39		0.18	0.25			0.17			1	

SPECIES : GROUPER, YELLOWEDGE COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
COMM	TRIPS	13	8	12	29	73	34	36	55	51	39		
POUNDS	LANDINGS	892	691	375	1031	4233	2381	6790	5750	18687	9500		
	LB/TRIP	78.41	135.04	76.82	69.40	127.72	120.98	160.78	101.45	294.85	220.15	2	

SPECIES : GROUPER, YELLOWEDGE COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
REC	INTERVIEWS		1			1				1			
	EST. TRIPS		5659			201				2400			
NUMBER	LANDINGS		707			50				686			
	NUM/HOUR		0.13			0.25				0.29		1	

SPECIES : GROUPER, YELLOWEDGE COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
COMM	TRIPS	532	369	265	455	373	440	460	408	395	460		
POUNDS	LANDINGS	740939	369504	382258	562316	486013	622324	501566	466130	480499	552211		
	LB/TRIP	572.61	540.01	329.79	428.73	443.93	422.97	426.95	327.94	329.84	342.75	1	- *

SPECIES : GROUPER, YELLOWEDGE COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
REC	INTERVIEWS	1	1	1		1	2	2	4		1		
	EST. TRIPS	755	25797	4283		0	172	1843	4894		4138		
NUMBER	LANDINGS	126	3225	1033		0	244	338	2121		376		
	NUM/HOUR	0.17	0.13	0.25		0.00	1.42	0.18	0.43		0.17	1	

SPECIES : GRUNTS COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
COMM	TRIPS	873	838	1133	1066	970	1147	1049	879	894	791		
POUNDS	LANDINGS	22365	21200	22275	19165	21977	26224	20001	7711	26277	34134		
	LB/TRIP	22.54	25.18	20.39	21.21	19.07	18.75	16.30	12.22	16.92	17.01	1	

SPECIES : GRUNTS COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
REC	INTERVIEWS	131	68	102	116	156	209	229	169	96	145		
	EST. TRIPS	7735945	3271865	6183564	7332369	6811892	7530028	10491710	10473753	7043397	6728747		
NUMBER	LANDINGS	2191112	891730	2629345	2210277	2456695	1984336	1669600	1677240	1634528	3040563		
	NUM/HOUR	0.86	1.08	0.88	0.66	0.80	0.80	0.65	0.68	0.72	1.25	0	

Significance levels: * - 0.10, ** - 0.05, *** - 0.01

SPECIES : GRUNTS COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	2875	2436	2765	3232	2951	2461	2259	2071	1963	1655			
POUNDS	LANDINGS	369722	255412	456417	597744	598532	263139	244677	220886	219624	190632			
	LB/TRIP	92.97	78.94	94.33	96.37	98.64	75.15	65.26	67.07	62.16	59.03	2	-	**

SPECIES : GRUNTS COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS	171	139	294	325	381	581	516	526	421	441			
	EST. TRIPS	14224499	8691475	13065397	20544214	19870967	12843048	8230541	7910231	8917769	4338892			
NUMBER	LANDINGS	5192232	4820958	6034968	6036456	6712888	7163427	4246886	4302158	4635174	4529182			
	NUM/HOUR	0.74	1.25	1.22	0.82	0.97	1.37	1.50	1.79	1.58	3.58	1		

SPECIES : PIGFISH COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS	18	22	20	18	4	22	18	12	6	10			
	EST. TRIPS	576332	307913	967316	827364	106117	255886	421739	264229	152602	242957			
NUMBER	LANDINGS	474542	433699	2088520	1207161	234992	335034	333118	176394	535498	299296			
	NUM/HOUR	2.92	3.69	2.70	2.33	5.83	3.11	2.95	1.55	4.55	1.94	2		

SPECIES : PIGFISH COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	260	260	260	260	260	260	260	260	260	260			
Y-O-Y	PROP W/FIS	0.019	0.065	0.031	0.015	0.008	0.035	0.012	0.015	0.000	0.035	1		

SPECIES : PIGFISH COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	324	324	324	324	324	324	324	324	324	324			
LARGE	PROP W/FIS	0.151	0.261	0.342	0.127	0.130	0.150	0.146	0.049	0.063	0.061	2	-	*

SPECIES : PIGFISH COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS	17	11	26	30	50	45	31	27	21	39			
	EST. TRIPS	371302	472823	546869	954042	789772	784762	382676	826024	159935	493803			
NUMBER	LANDINGS	447037	1586940	593248	1051474	780422	1016226	681231	448075	274646	600811			
	NUM/HOUR	4.00	5.43	3.30	3.35	3.55	3.05	4.68	2.66	4.99	4.15	2		

SPECIES : PIGFISH COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	1314	1340	1339	1340	1340	1346	1364	1801	1799	1797			
Y-O-Y	PROP W/FIS	0.034	0.043	0.041	0.037	0.058	0.065	0.038	0.043	0.018	0.037	1		

SPECIES : PIGFISH COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	444	444	444	444	444	444	444	444	444	444			
LARGE	PROP W/FIS	0.077	0.186	0.179	0.195	0.102	0.084	0.113	0.115	0.064	0.037	2		

SPECIES : WHITE GRUNT COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS	39	12	40	49	66	73	64	64	37	41			
	EST. TRIPS	242097	50554	287019	539580	632019	364085	334849	596078	611300	230014			
NUMBER	LANDINGS	244466	87268	189084	369167	780979	403400	608900	559397	292159	626074			
	NUM/HOUR	1.78	2.30	2.22	1.93	1.89	2.19	1.93	1.78	2.02	4.11	1		

SPECIES : WHITE GRUNT COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS	124	102	197	252	288	456	395	403	339	299			
	EST. TRIPS	2592052	2325184	4736646	4457715	3988554	3262145	2283592	2576588	2655499	1248990			
NUMBER	LANDINGS	3551580	2570663	4877976	4406218	4422541	5300230	3132128	3244624	3244161	2698920			
	NUM/HOUR	2.33	2.96	2.17	2.45	3.02	3.73	3.45	3.29	3.32	5.74	1		

SPECIES : HERRING, THREAD COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	8	24	28	12	82	89	148	41	36	48			
POUNDS	LANDINGS	3540	13664	31904	5522	17494	15429	2456	2565	2149	14404			
	LB/TRIP	442.50	297.39	1139.43	460.17	213.34	291.98	16.59	62.56	59.69	300.08	1		

Significance levels: * - 0.10, ** - 0.05, *** - 0.01

SPECIES : HERRING, THREAD COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
REC	INTERVIEWS	21	1		7	5	6	1	5	3	4		
	EST. TRIPS	914983	356412		348668	164501	728321	443032	1397043	305521	811839		
NUMBER	LANDINGS	14439912	1245722		759561	229936	1487059	1441357	3859517	414924	4972219		
	NUM/HOUR	17.01	6.76		2.79	2.12	2.33	3.28	2.80	1.70	8.72	2	

SPECIES : HERRING, THREAD COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
FIM	NUM SETS	260	260	260	260	260	260	260	260	260	260		
Y-O-Y	PROP W/FIS	0.023	0.004	0.000	0.038	0.038	0.038	0.023	0.104	0.042	0.015	2	

SPECIES : HERRING, THREAD COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
FIM	NUM SETS	324	324	324	324	324	324	324	324	324	324		
LARGE	PROP W/FIS	0.073	0.077	0.098	0.033	0.042	0.069	0.043	0.054	0.067	0.061	1	

SPECIES : HERRING, THREAD COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
COMM	TRIPS	55	59	49	124	145	140	152	202	278	136		
POUNDS	LANDINGS	864864	1160632	875165	1702108	1625377	2240706	1412651	2469040	2804171	2259503		
	LB/TRIP	3090.15	2554.13	2213.09	3060.74	1900.42	2174.37	1279.21	2159.05	2057.47	2211.07	1	

SPECIES : HERRING, THREAD COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
REC	INTERVIEWS	6	8	15	11	41	29	32	22	20	14		
	EST. TRIPS	1714273	441321	1952588	745017	866509	3761936	1836726	2312919	952375	513264		
NUMBER	LANDINGS	12122461	5253476	6037407	10544186	5198064	11239188	12060385	15156614	7783566	2541757		
	NUM/HOUR	7.81	12.10	3.23	14.53	6.13	3.75	6.81	6.87	9.34	7.39	1	

SPECIES : HERRING, THREAD COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
FIM	NUM SETS	1314	1340	1339	1340	1340	1346	1364	1801	1799	1797		
Y-O-Y	PROP W/FIS	0.004	0.005	0.003	0.009	0.006	0.005	0.006	0.005	0.006	0.005	2	

SPECIES : HERRING, THREAD COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
FIM	NUM SETS	444	444	444	444	444	444	444	444	444	444		
LARGE	PROP W/FIS	0.065	0.086	0.044	0.102	0.049	0.027	0.020	0.031	0.031	0.024	1	

SPECIES : HOGFISH COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
COMM	TRIPS	173	141	109	131	136	197	263	272	163	85		
POUNDS	LANDINGS	4370	4076	2169	4054	3828	4675	4461	3693	2508	2202		
	LB/TRIP	36.20	37.84	31.87	30.29	41.85	35.11	29.40	23.47	25.48	39.50	1	

SPECIES : HOGFISH COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
REC	INTERVIEWS	30	30	26	55	35	35	48	38	28	14		
	EST. TRIPS	53465	64185	23778	70382	86645	104038	349731	109668	89687	107959		
NUMBER	LANDINGS	59550	42084	33207	57549	71895	175502	517267	179766	79709	27401		
	NUM/HOUR	1.11	0.69	1.46	0.84	1.14	1.87	1.53	1.68	0.93	0.38	2	- **

SPECIES : HOGFISH COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
COMM	TRIPS	738	589	682	786	779	945	993	882	556	302		
POUNDS	LANDINGS	39948	41407	54216	51436	34985	51512	44440	42597	24625	12672		
	LB/TRIP	30.67	33.75	38.66	37.16	30.38	33.09	33.88	34.96	30.30	23.18	2	

SPECIES : HOGFISH COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
REC	INTERVIEWS	48	38	66	80	86	171	144	107	87	69		
	EST. TRIPS	320669	313720	255413	554749	304918	300865	164833	247579	114760	72908		
NUMBER	LANDINGS	413727	453915	192235	675338	371045	347413	295349	448852	146572	58362		
	NUM/HOUR	1.34	1.51	0.77	1.31	1.33	1.45	2.06	2.05	2.07	1.75	2	

Significance levels: * - 0.10, ** - 0.05, *** - 0.01

SPECIES : JACK, CREVALLE COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	6243	5907	6005	7404	7330	7422	6991	6863	6003	6119			
POUNDS	LANDINGS	252497	318340	255751	321558	350223	389298	292010	261197	281790	356618			
	LB/TRIP	45.93	56.90	47.47	46.65	54.93	50.39	40.25	43.30	45.62	47.47	0		

SPECIES : JACK, CREVALLE COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS	85	101	59	74	137	163	149	131	94	100			
	EST. TRIPS	3343614	3037092	2592067	2500511	4094926	4517599	3220067	3242524	3087928	2721354			
NUMBER	LANDINGS	2998688	1437605	562983	615894	2087165	2137808	1542416	1635129	1890658	1011079			
	NUM/HOUR	2.09	2.00	1.57	2.53	2.55	2.08	1.98	1.97	2.23	2.38	1		

SPECIES : JACK, CREVALLE COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	260	260	260	260	260	260	260	260	260	260			
Y-O-Y	PROP W/FIS	0.000	0.004	0.000	0.000	0.000	0.000	0.008	0.012	0.000	0.008	1		

SPECIES : JACK, CREVALLE COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	324	324	324	324	324	324	324	324	324	324			
LARGE	PROP W/FIS	0.212	0.135	0.124	0.178	0.231	0.164	0.172	0.168	0.139	0.140	2	-	*

SPECIES : JACK, CREVALLE COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	2023	1366	888	1405	3162	2830	2959	3189	2990	2383			
POUNDS	LANDINGS	331244	296955	54329	82816	225997	330994	395621	410505	434405	280769			
	LB/TRIP	262.08	325.53	129.38	119.13	124.85	177.20	190.13	215.95	174.44	165.55	2		

SPECIES : JACK, CREVALLE COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS	50	46	31	40	188	248	221	166	126	132			
	EST. TRIPS	3048029	2129599	1195783	2100673	5127871	3839391	3884141	5445834	2852557	2351402			
NUMBER	LANDINGS	471788	227690	152390	317780	883721	810179	808309	1153678	475057	547758			
	NUM/HOUR	1.30	1.30	1.71	2.08	1.68	1.82	2.01	1.74	1.98	1.70	2		

SPECIES : JACK, CREVALLE COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	1314	1340	1339	1340	1340	1346	1364	1801	1799	1797			
Y-O-Y	PROP W/FIS	0.007	0.001	0.001	0.001	0.000	0.000	0.002	0.003	0.004	0.001	1		

SPECIES : JACK, CREVALLE COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	444	444	444	444	444	444	444	444	444	444			
LARGE	PROP W/FIS	0.063	0.035	0.026	0.104	0.133	0.163	0.101	0.129	0.170	0.123	1		

SPECIES : KINGFISH (WHITING) COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	3231	2604	3164	3781	3186	2613	2096	2444	2547	2997			
POUNDS	LANDINGS	271423	354238	428516	395228	244011	173241	114516	141134	197432	211357			
	LB/TRIP	46.63	48.48	49.51	43.39	42.75	35.82	30.90	35.98	41.93	44.42	0	+	*

SPECIES : KINGFISH (WHITING) COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS	340	358	386	349	223	294	185	143	103	130			
	EST. TRIPS	56587142	91603010	72768144	124472608	35156486	39873777	29217422	28847793	11378571	28240347			
NUMBER	LANDINGS	7370946	12395135	16195660	13358279	7944152	16945449	7397721	6478823	3345655	6946066			
	NUM/HOUR	0.26	0.24	0.34	0.19	0.41	0.61	0.57	0.43	0.47	0.48	1		

SPECIES : KINGFISH (WHITING) COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	401	324	300	224	234	178	281	274	299	279			
POUNDS	LANDINGS	28987	22344	22617	4011	7782	7913	21539	22015	26676	20567			
	LB/TRIP	35.52	36.76	27.95	15.16	15.75	15.32	31.04	32.63	34.29	36.21	0	+	*

Significance levels: * - 0.10, ** - 0.05, *** - 0.01

SPECIES : KINGFISH (WHITING) COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
REC	INTERVIEWS	72	67	51	73	59	64	76	51	63	100		
	EST. TRIPS	2270514	4393906	2599084	9220696	2492964	1339486	2272364	8401804	3937453	1947740		
NUMBER	LANDINGS	762365	2279861	404207	2906630	664896	451622	441909	1683030	2578110	1113528		
	NUM/HOUR	0.65	0.71	0.42	0.51	0.57	1.00	0.40	0.34	1.15	1.10	2	

SPECIES : GULF KINGFISH COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
REC	INTERVIEWS	86	75	49	49	38	55	36	17	16	21		
	EST. TRIPS	11858002	13683587	10569130	16103492	9602381	4348217	3565975	2798537	1450606	3320677		
NUMBER	LANDINGS	4118293	4763464	4484191	5662659	4180141	2817460	2246760	1377923	919616	2136687		
	NUM/HOUR	0.42	0.42	0.44	0.38	0.44	0.68	0.66	0.49	0.63	0.64	1	

SPECIES : GULF KINGFISH COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
REC	INTERVIEWS	20	39	23	27	24	32	35	32	26	35		
	EST. TRIPS	864536	1820957	1385214	3923664	453087	500180	510148	3355308	1022425	983026		
NUMBER	LANDINGS	207190	892381	93207	1756515	247492	228261	112038	1592282	1192262	688452		
	NUM/HOUR	0.54	0.84	0.41	0.64	0.94	1.19	0.61	0.69	1.57	0.77	1	

SPECIES : SOUTHERN KINGFISH COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
REC	INTERVIEWS	37	50	51	45	47	88	50	45	36	42		
	EST. TRIPS	6923971	12790899	20364586	13602694	3580615	15363181	5198674	2356305	1812540	1746310		
NUMBER	LANDINGS	2023783	4201293	6047279	3681856	1901021	10200925	3616414	1649824	1266283	1146897		
	NUM/HOUR	0.29	0.33	0.30	0.27	0.53	0.67	0.70	0.70	0.70	0.66	1	

SPECIES : SOUTHERN KINGFISH COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
FIM	NUM SETS	260	260	260	260	260	260	260	260	260	260		
Y-O-Y	PROP W/FIS	0.029	0.069	0.105	0.070	0.062	0.059	0.098	0.318	0.133	0.096	2	

SPECIES : SOUTHERN KINGFISH COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
FIM	NUM SETS	324	324	324	324	324	324	324	324	324	324		
LARGE	PROP W/FIS	0.031	0.060	0.035	0.038	0.091	0.104	0.041	0.041	0.067	0.118	0	

SPECIES : SOUTHERN KINGFISH COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
REC	INTERVIEWS	22	17	11	16	19	18	28	7	14	24		
	EST. TRIPS	850408	1318633	577586	287862	245778	252709	371539	332571	188329	320184		
NUMBER	LANDINGS	399179	1308357	289493	112690	256688	131458	268987	25887	151994	176212		
	NUM/HOUR	0.65	1.06	0.51	0.66	1.15	0.77	0.76	0.34	0.81	0.76	2	

SPECIES : SOUTHERN KINGFISH COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
FIM	NUM SETS	1314	1340	1339	1340	1340	1346	1364	1801	1799	1797		
Y-O-Y	PROP W/FIS	0.042	0.037	0.052	0.032	0.040	0.041	0.046	0.033	0.032	0.053	2	

SPECIES : SOUTHERN KINGFISH COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
FIM	NUM SETS	444	444	444	444	444	444	444	444	444	444		
LARGE	PROP W/FIS	0.013	0.005	0.023	0.010	0.019	0.014	0.003	0.003	0.011	0.025	0	

SPECIES : LADYFISH COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
COMM	TRIPS	991	1452	1581	2039	2484	2745	2815	2639	2097	2720		
POUNDS	LANDINGS	39467	110498	30056	32317	39624	70636	71478	93090	31424	86155		
	LB/TRIP	51.14	78.61	62.63	56.16	56.05	61.39	56.66	57.24	51.52	59.92	1	

SPECIES : LADYFISH COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
REC	INTERVIEWS	24	24	15	11	43	45	46	30	20	29		
	EST. TRIPS	1838869	3373957	2100578	3438756	1469375	1325492	1594954	551645	467968	821022		
NUMBER	LANDINGS	89093	191653	128291	43228	696191	242766	363839	84897	25041	97430		
	NUM/HOUR	1.31	1.09	1.44	0.73	2.59	1.74	2.01	2.54	2.45	1.94	2	

Significance levels: * - 0.10, ** - 0.05, *** - 0.01

SPECIES : LADYFISH COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	260	260	260	260	260	260	260	260	260	260			
Y-O-Y	PROP W/FIS	0.004	0.023	0.019	0.042	0.000	0.004	0.012	0.062	0.008	0.088	1		

SPECIES : LADYFISH COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	324	324	324	324	324	324	324	324	324	324			
LARGE	PROP W/FIS	0.335	0.502	0.640	0.424	0.334	0.303	0.288	0.366	0.302	0.445	1		

SPECIES : LADYFISH COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	1146	1489	1017	1282	1708	1802	1681	2007	2129	1647			
POUNDS	LANDINGS	601223	1017369	299598	468534	599211	868171	653326	1558798	822325	1325102			
	LB/TRIP	443.63	553.24	243.19	313.07	221.41	261.21	278.96	342.75	297.17	498.25	1	+	*

SPECIES : LADYFISH COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS	71	69	48	53	241	264	253	260	172	219			
	EST. TRIPS	7105439	7139297	5503867	5103422	6895162	3679159	3606212	3006575	2733788	2127430			
NUMBER	LANDINGS	522599	547725	645254	534366	2362432	580116	1828865	1515969	581978	1192240			
	NUM/HOUR	1.23	1.61	1.85	2.22	2.50	2.82	2.64	2.71	2.75	3.92	0		

SPECIES : LADYFISH COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	1314	1340	1339	1340	1340	1346	1364	1801	1799	1797			
Y-O-Y	PROP W/FIS	0.004	0.019	0.011	0.004	0.005	0.008	0.012	0.013	0.007	0.022	1		

SPECIES : LADYFISH COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	444	444	444	444	444	444	444	444	444	444			
LARGE	PROP W/FIS	0.348	0.496	0.552	0.446	0.331	0.290	0.301	0.206	0.239	0.255	1		

SPECIES : MACKEREL, KING COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	16003	13773	11436	9490	7613	9249	9410	10274	11343	10615			
POUNDS	LANDINGS	4061060	3902588	2632301	2142440	1545704	1805747	1859391	2162191	2438262	2190698			
	LB/TRIP	110.68	123.28	96.60	86.70	80.88	78.50	83.23	86.51	95.38	99.44	0	+	***

SPECIES : MACKEREL, KING COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS	590	546	365	353	246	504	495	441	425	395			
	EST. TRIPS	3139339	3047125	2045786	1316126	958301	1278888	1252522	1637994	2091641	1044245			
NUMBER	LANDINGS	596039	390600	251872	181291	178946	208056	218887	408983	489257	474281			
	NUM/HOUR	0.22	0.17	0.17	0.20	0.25	0.28	0.27	0.29	0.32	0.58	0		

SPECIES : MACKEREL, KING COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	3676	2648	2833	2761	2149	2289	1454	1906	2562	2117			
POUNDS	LANDINGS	1863805	1548523	1569153	1458607	1401875	1837718	1226921	1614153	1889419	1934854			
	LB/TRIP	149.28	180.93	202.05	207.73	225.04	245.38	224.12	256.57	249.03	289.77	1		

SPECIES : MACKEREL, KING COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS	747	650	556	799	506	667	752	697	500	407			
	EST. TRIPS	4603370	2387242	2094862	2727350	1895928	2320393	2208183	2963889	1915166	1352228			
NUMBER	LANDINGS	946510	389420	349726	470475	399021	563322	485200	574775	476084	322244			
	NUM/HOUR	0.28	0.25	0.24	0.25	0.31	0.35	0.29	0.33	0.35	0.27	1		

SPECIES : MACKEREL, SPANISH COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	7235	7314	7582	7612	7693	8138	5723	6221	5537	6335			
POUNDS	LANDINGS	2629343	3553155	3432932	2596981	2246553	2585199	1808491	2461334	2672658	2926141			
	LB/TRIP	296.06	329.72	294.40	235.81	240.56	239.18	229.79	268.18	309.46	320.19	0	+	**

Significance levels: * - 0.10, ** - 0.05, *** - 0.01

SPECIES : MACKEREL, SPANISH COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
REC	INTERVIEWS	217	315	133	143	156	145	92	131	99	94		
	EST. TRIPS	2283571	4483759	1848335	947121	2923290	1466998	418674	2691557	1007925	1438386		
NUMBER	LANDINGS	1555880	2525087	1304040	776659	2665958	1348735	229669	1618529	650916	937798		
	NUM/HOUR	0.99	0.86	0.99	1.09	1.56	1.55	1.07	1.02	1.10	1.75	1	

SPECIES : MACKEREL, SPANISH COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
FIM	NUM SETS	260	260	260	260	260	260	260	260	260	260		
Y-O-Y	PROP W/FIS	0.008	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0	

SPECIES : MACKEREL, SPANISH COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
FIM	NUM SETS	324	324	324	324	324	324	324	324	324	324		
LARGE	PROP W/FIS	0.015	0.027	0.021	0.008	0.016	0.010	0.009	0.010	0.000	0.018	1	

SPECIES : MACKEREL, SPANISH COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
COMM	TRIPS	1722	1622	1337	1603	2286	1976	1960	1781	1825	1214		
POUNDS	LANDINGS	1407768	528439	501245	314737	375106	425818	496571	522719	170040	184478		
	LB/TRIP	176.58	247.75	224.66	189.58	166.01	171.48	216.85	207.92	132.06	152.62	2	

SPECIES : MACKEREL, SPANISH COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
REC	INTERVIEWS	835	1094	1070	1130	980	886	880	789	633	682		
	EST. TRIPS	9708257	15260392	13265871	11177386	15027626	9745648	6029223	5878467	11489264	8319268		
NUMBER	LANDINGS	3337829	3766798	3509573	3795539	5959876	3974496	3184057	3676943	3809633	2918275		
	NUM/HOUR	0.71	0.65	0.71	0.70	1.02	1.02	1.05	1.03	0.90	0.89	3	- *

SPECIES : MACKEREL, SPANISH COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
FIM	NUM SETS	1314	1340	1339	1340	1340	1346	1364	1801	1799	1797		
Y-O-Y	PROP W/FIS	0.000	0.001	0.000	0.001	0.001	0.000	0.000	0.001	0.001	0.001	0	+ *

SPECIES : MACKEREL, SPANISH COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
FIM	NUM SETS	444	444	444	444	444	444	444	444	444	444		
LARGE	PROP W/FIS	0.018	0.027	0.034	0.029	0.034	0.038	0.018	0.018	0.016	0.020	1	

SPECIES : MENHADEN COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
COMM	TRIPS	49	114	140	195	407	430	436	308	258	272		
POUNDS	LANDINGS	52800	76593	146534	126141	276636	220694	377729	272426	268118	247260		
	LB/TRIP	1351.22	757.73	610.17	846.14	1060.65	804.25	912.18	741.25	794.20	814.33	1	

SPECIES : MENHADEN COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
REC	INTERVIEWS				1	2	8	2	7	1	2		
	EST. TRIPS				0	6817047	2963236	17125874	67967503	5116922	1922524		
NUMBER	LANDINGS				1446940	819721	1058613	3212589	3305973	1032039	1030018		
	NUM/HOUR				0.00	0.26	0.84	0.30	0.11	0.33	1.08	1	

SPECIES : MENHADEN COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
FIM	NUM SETS	260	260	260	260	260	260	260	260	260	260		
Y-O-Y	PROP W/FIS	0.052	0.100	0.115	0.035	0.046	0.044	0.028	0.127	0.018	0.150	1	

SPECIES : MENHADEN COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
FIM	NUM SETS	324	324	324	324	324	324	324	324	324	324		
LARGE	PROP W/FIS	0.034	0.124	0.320	0.126	0.053	0.023	0.027	0.049	0.026	0.039	1	

Significance levels: * - 0.10, ** - 0.05, *** - 0.01

SPECIES : MENHADEN COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
COMM	TRIPS	73	89	197	222	333	231	218	313	97	109		
POUNDS	LANDINGS	105946	70377	233755	182413	213983	255399	268306	350644	93219	108708		
	LB/TRIP	275.46	283.50	354.87	188.18	117.88	167.47	118.24	243.58	419.89	281.56	1	

SPECIES : MENHADEN COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
REC	INTERVIEWS	2	1	3		5	8	3	3	3	5		
	EST. TRIPS	486647	12487677	254264		11459309	8001016	1539982	8374037	826421	2141128		
NUMBER	LANDINGS	560692	1824447	413290		383834	2922257	861113	2620600	663261	1720505		
	NUM/HOUR	1.44	0.17	1.70		0.14	0.47	0.57	0.38	0.89	0.99	1	

SPECIES : MENHADEN COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
FIM	NUM SETS	1314	1340	1339	1340	1340	1346	1364	1801	1799	1797		
Y-O-Y	PROP W/FIS	0.015	0.025	0.043	0.016	0.016	0.038	0.018	0.033	0.010	0.033	1	

SPECIES : MENHADEN COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
FIM	NUM SETS	444	444	444	444	444	444	444	444	444	444		
LARGE	PROP W/FIS	0.007	0.018	0.042	0.048	0.024	0.009	0.011	0.005	0.009	0.011	1	

SPECIES : ATLANTIC MENHADEN COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
REC	INTERVIEWS						1				1		
	EST. TRIPS						27179				1052356		
NUMBER	LANDINGS						102678				175393		
	NUM/HOUR						3.78				0.17	0	

SPECIES : GULF MENHADEN COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
REC	INTERVIEWS		1	2		5	7			1	1		
	EST. TRIPS		10045398	46631		529506	338732			101155	554		
NUMBER	LANDINGS		1495979	397713		379002	1747116			326821	3529		
	NUM/HOUR		0.17	8.82		2.89	6.86			3.91	6.37	0	

SPECIES : MOJARRA COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
COMM	TRIPS	5578	3750	3178	3062	3062	3470	3577	3432	3193	3032		
POUNDS	LANDINGS	399237	312535	165067	152814	152851	178988	209065	229377	245030	230291		
	LB/TRIP	71.57	83.34	51.94	49.91	49.92	51.58	58.45	66.83	76.74	75.95	1	+ ***

SPECIES : MOJARRA COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
REC	INTERVIEWS	51	20	16	19	19	21	11	21	17	15		
	EST. TRIPS	1443563	3163352	700313	2678002	1620092	10328686	10844262	7522886	5995808	21818365		
NUMBER	LANDINGS	2298132	718248	556250	203266	1775451	3998605	2848671	3645756	2561571	6539250		
	NUM/HOUR	2.06	0.31	1.11	0.10	1.65	0.48	0.45	0.75	0.55	0.41	2	

SPECIES : MOJARRA COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
COMM	TRIPS	3158	2026	1916	2258	3002	3157	3480	4154	4322	3582		
POUNDS	LANDINGS	202122	232697	95970	126645	165157	209451	169288	280907	258054	248405		
	LB/TRIP	64.00	114.86	50.09	56.09	55.02	66.34	48.65	67.62	59.71	69.35	1	

SPECIES : MOJARRA COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
REC	INTERVIEWS	4	5		5	8	5	6	11	7	4		
	EST. TRIPS	71343	356766		116653	272888	621322	76360	511192	933663	252482		
NUMBER	LANDINGS	265530	307851		257239	943589	328940	537607	773644	1555664	157304		
	NUM/HOUR	5.09	2.53		2.62	3.53	0.55	7.17	1.62	1.70	0.67	2	

Significance levels: * - 0.10, ** - 0.05, *** - 0.01

SPECIES : MOJARRA, SMALL COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
REC	INTERVIEWS	4	1	2	1	4	4	1	2	4	1		
	EST. TRIPS	842624	148995	263513	1004195	5518194	7974501	4337646	20653395	6514467	15769406		
NUMBER	LANDINGS	853582	251886	227000	154403	1413691	3656374	807227	3419962	1889897	5644691		
	NUM/HOUR	1.09	2.00	1.58	0.20	0.39	0.55	0.33	0.25	0.37	0.50	1	

SPECIES : MOJARRA, SMALL COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
FIM	NUM SETS	260	260	260	260	260	260	260	260	260	260		
Y-O-Y	PROP W/FIS	0.242	0.201	0.238	0.259	0.282	0.313	0.245	0.400	0.313	0.341	1	

SPECIES : MOJARRA, SMALL COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
FIM	NUM SETS	324	324	324	324	324	324	324	324	324	324		
LARGE	PROP W/FIS	0.212	0.093	0.129	0.183	0.174	0.183	0.246	0.207	0.192	0.146	3	

SPECIES : MOJARRA, SMALL COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
REC	INTERVIEWS	2	2		2	5	1	3	3	2			
	EST. TRIPS	38630	118264		48015	1175189	1367149	35128	714443	1039798			
NUMBER	LANDINGS	171985	235962		254754	431710	271401	373453	389681	1534234			
	NUM/HOUR	5.94	2.00		6.00	0.38	0.20	10.78	0.61	1.48		2	

SPECIES : MOJARRA, SMALL COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
FIM	NUM SETS	1314	1340	1339	1340	1340	1346	1364	1801	1799	1797		
Y-O-Y	PROP W/FIS	0.654	0.532	0.564	0.667	0.706	0.731	0.715	0.789	0.746	0.532	2	

SPECIES : MOJARRA, SMALL COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
FIM	NUM SETS	444	444	444	444	444	444	444	444	444	444		
LARGE	PROP W/FIS	0.098	0.094	0.087	0.153	0.179	0.116	0.154	0.196	0.164	0.149	2	

SPECIES : MOJARRA, LARGE COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
REC	INTERVIEWS	1	1	1	2	5	5	1		6	3		
	EST. TRIPS	46746	8615	4549	3645	41197	345249	0		172315	1231980		
NUMBER	LANDINGS	7192	3692	6824	2278	80040	152927	200349		73857	102665		
	NUM/HOUR	0.15	0.43	1.50	0.63	1.94	0.63	0.00		0.63	0.08	1	

SPECIES : MOJARRA, LARGE COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
FIM	NUM SETS	260	260	260	260	260	260	260	260	260	260		
Y-O-Y	PROP W/FIS	0.086	0.072	0.120	0.127	0.188	0.184	0.207	0.321	0.282	0.326	1	+ *

SPECIES : MOJARRA, LARGE COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
FIM	NUM SETS	324	324	324	324	324	324	324	324	324	324		
LARGE	PROP W/FIS	0.125	0.079	0.048	0.046	0.073	0.094	0.135	0.162	0.145	0.174	1	+ *

SPECIES : MOJARRA, LARGE COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
REC	INTERVIEWS	2	3		2	3	4	3	8	5	2		
	EST. TRIPS	31170	230982		32875	58369	106038	47431	197489	30311	118028		
NUMBER	LANDINGS	91981	71889		2484	511879	57538	164154	383964	21430	120979		
	NUM/HOUR	4.25	2.89		0.34	8.78	0.64	3.56	2.00	1.79	1.02	3	

SPECIES : MOJARRA, LARGE COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
FIM	NUM SETS	1314	1340	1339	1340	1340	1346	1364	1801	1799	1797		
Y-O-Y	PROP W/FIS	0.023	0.021	0.011	0.036	0.052	0.055	0.043	0.072	0.069	0.065	2	

Significance levels: * - 0.10, ** - 0.05, *** - 0.01

SPECIES : MOJARRA, LARGE COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
FIM	NUM SETS	444	444	444	444	444	444	444	444	444	444		
LARGE	PROP W/FIS	0.028	0.006	0.027	0.017	0.033	0.051	0.067	0.050	0.102	0.092	2	

SPECIES : MULLET, STRIPED COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
COMM	TRIPS	5733	5125	5222	5310	5249	4753	4598	3864	3316	3157		
POUNDS	LANDINGS	1252558	1388771	1398924	1465732	1351453	1342078	1376771	1190963	751291	1107132		
	LB/TRIP	119.41	128.78	142.58	116.85	99.36	97.68	99.16	81.01	85.45	103.62	1	

SPECIES : MULLET, STRIPED COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
REC	INTERVIEWS	113	71	72	45	36	23	14	21	17	10		
	EST. TRIPS	4452600	3409187	7590794	6175553	1608405	3473953	2297376	6715688	4482605	1275013		
NUMBER	LANDINGS	15628358	10721715	23991214	16620751	9384368	9202290	12325705	12135535	9348240	12516451		
	NUM/HOUR	4.38	5.73	4.67	4.29	7.46	4.09	6.67	2.24	3.15	14.26	1	

SPECIES : MULLET, STRIPED COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
FIM	NUM SETS	260	260	260	260	260	260	260	260	260	260		
Y-O-Y	PROP W/FIS	0.125	0.448	0.096	0.093	0.037	0.059	0.077	0.110	0.027	0.214	1	

SPECIES : MULLET, STRIPED COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
FIM	NUM SETS	324	324	324	324	324	324	324	324	324	324		
LARGE	PROP W/FIS	0.682	0.740	0.838	0.868	0.816	0.724	0.643	0.747	0.649	0.689	1	

SPECIES : MULLET, STRIPED COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
COMM	TRIPS	18188	16481	20043	18579	22824	21031	19643	19846	16583	13767		
POUNDS	LANDINGS	9102267	7084621	11317593	8157194	10889809	11865801	8597157	9246092	6981374	5868058		
	LB/TRIP	402.03	396.46	463.73	381.58	372.68	402.00	370.55	355.95	343.66	372.69	2	

SPECIES : MULLET, STRIPED COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
REC	INTERVIEWS	110	121	94	124	82	101	92	138	113	89		
	EST. TRIPS	745379	1154133	1320968	1688736	1378760	1860330	945719	1732065	1485378	2815927		
NUMBER	LANDINGS	1315206	2388855	2345057	4424441	4393537	4113140	3238732	3931047	3698990	8463266		
	NUM/HOUR	2.28	2.21	1.98	2.77	3.62	3.03	4.15	3.19	2.90	3.34	2	

SPECIES : MULLET, STRIPED COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
FIM	NUM SETS	1314	1340	1339	1340	1340	1346	1364	1801	1799	1797		
Y-O-Y	PROP W/FIS	0.066	0.149	0.105	0.043	0.029	0.036	0.057	0.032	0.018	0.044	2	

SPECIES : MULLET, STRIPED COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
FIM	NUM SETS	444	444	444	444	444	444	444	444	444	444		
LARGE	PROP W/FIS	0.343	0.371	0.451	0.526	0.470	0.520	0.376	0.401	0.485	0.485	0	

SPECIES : MULLET, WHITE COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
COMM	TRIPS	1774	1353	1291	1330	1311	1390	1605	1425	1354	1513		
POUNDS	LANDINGS	160702	192260	138898	128096	131470	141108	192026	121520	118362	224286		
	LB/TRIP	120.67	159.58	146.77	129.06	107.16	108.44	113.59	126.83	123.85	170.60	1	+ *

SPECIES : MULLET, WHITE COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
REC	INTERVIEWS	6	4	1		10	1	3	1	2			
	EST. TRIPS	162163	57100	33470		1537665	69474	839720	91740	35069			
NUMBER	LANDINGS	225217	292320	278484		6958430	127019	4175841	170511	65179			
	NUM/HOUR	3.64	5.12	9.01		5.42	1.86	5.26	1.86	1.86		2	

Significance levels: * - 0.10, ** - 0.05, *** - 0.01

SPECIES : MULLET, WHITE COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	260	260	260	260	260	260	260	260	260	260			
Y-O-Y	PROP W/FIS	0.088	0.154	0.206	0.191	0.192	0.181	0.223	0.184	0.129	0.297	2		

SPECIES : MULLET, WHITE COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	324	324	324	324	324	324	324	324	324	324			
LARGE	PROP W/FIS	0.538	0.531	0.660	0.754	0.690	0.608	0.601	0.643	0.573	0.605	1		

SPECIES : MULLET, WHITE COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	363	508	516	293	538	340	563	721	593	740			
POUNDS	LANDINGS	64123	180167	109444	31439	88865	78727	51843	74221	54852	98879			
	LB/TRIP	228.39	443.67	390.79	197.80	191.37	320.12	154.59	168.25	176.26	246.93	0		

SPECIES : MULLET, WHITE COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS	14	15	2	33	11	14	15	36	30	33			
	EST. TRIPS	48270	168661	74927	150983	256838	308271	30442	358671	361336	474299			
NUMBER	LANDINGS	339044	396845	275962	470960	683510	277586	144522	956472	566153	953900			
	NUM/HOUR	7.31	3.50	3.94	3.17	2.92	6.47	4.75	3.57	3.04	2.42	3	-	***

SPECIES : MULLET, WHITE COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	1314	1340	1339	1340	1340	1346	1364	1801	1799	1797			
Y-O-Y	PROP W/FIS	0.008	0.007	0.005	0.007	0.009	0.009	0.004	0.012	0.011	0.010	2		

SPECIES : MULLET, WHITE COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	444	444	444	444	444	444	444	444	444	444			
LARGE	PROP W/FIS	0.067	0.049	0.092	0.086	0.080	0.059	0.036	0.037	0.095	0.076	1		

SPECIES : PERMIT COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	224	141	158	248	157	240	158	117	9	12			
POUNDS	LANDINGS	1348	1221	1237	1269	1527	2173	1269	1044	79	43			
	LB/TRIP	22.92	24.01	24.77	18.54	21.39	24.43	24.57	22.38	11.94	15.04	2	-	*

SPECIES : PERMIT COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS	23	22	28	18	14	32	17	35	28	22			
	EST. TRIPS	107029	114818	224500	68611	95132	154126	23139	59043	24650	25369			
NUMBER	LANDINGS	14366	2835	11931	7318	22459	47153	1105	11087	4504	6736			
	NUM/HOUR	0.47	0.36	0.26	0.44	0.31	0.31	0.47	0.49	0.45	0.66	1	+	*

SPECIES : PERMIT COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	260	260	260	260	260	260	260	260	260	260			
Y-O-Y	PROP W/FIS	0.004	0.008	0.012	0.015	0.004	0.008	0.008	0.004	0.035	0.012	2		

SPECIES : PERMIT COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	324	324	324	324	324	324	324	324	324	324			
LARGE	PROP W/FIS	0.006	0.000	0.003	0.006	0.019	0.000	0.015	0.003	0.000	0.000	2		

SPECIES : PERMIT COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	225	87	17	64	134	229	140	152	156	114			
POUNDS	LANDINGS	14401	3747	149	1265	2594	11731	5343	6668	15768	4544			
	LB/TRIP	34.34	45.02	19.40	26.44	22.13	35.97	30.50	55.29	118.98	33.90	1		

Significance levels: * - 0.10, ** - 0.05, *** - 0.01

SPECIES : PERMIT COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS	25	31	29	60	27	67	63	44	19	36			
	EST. TRIPS	92708	15035	7744	82320	162399	33308	45296	77884	57781	52101			
NUMBER	LANDINGS	5634	4597	110	5750	4103	7594	21044	36223	26415	17978			
	NUM/HOUR	0.70	0.84	0.58	0.88	0.93	1.03	0.92	1.10	1.51	0.79	1		

SPECIES : PERMIT COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	1314	1340	1339	1340	1340	1346	1364	1801	1799	1797			
Y-O-Y	PROP W/FIS	0.004	0.001	0.004	0.005	0.004	0.004	0.004	0.001	0.002	0.002	1		

SPECIES : PERMIT COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	444	444	444	444	444	444	444	444	444	444			
LARGE	PROP W/FIS	0.010	0.006	0.002	0.008	0.007	0.025	0.030	0.035	0.014	0.037	1		

SPECIES : PINFISH COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	1377	742	790	729	360	553	760	757	704	645			
POUNDS	LANDINGS	21128	10306	10605	14292	17790	15197	16928	13964	16958	16627			
	LB/TRIP	25.24	23.89	23.98	21.09	12.64	14.65	17.85	16.63	16.82	19.88	1		

SPECIES : PINFISH COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS	59	56	54	57	39	66	33	24	25	28			
	EST. TRIPS	3002434	5927309	5271373	5481208	2190380	3298563	3720194	1224646	1447038	724213			
NUMBER	LANDINGS	2686202	2792824	4198022	2908824	1669566	2018885	4214540	964893	1322636	1309632			
	NUM/HOUR	2.87	1.66	2.80	2.23	2.56	2.74	2.32	2.44	2.12	3.48	1		

SPECIES : PINFISH COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	260	260	260	260	260	260	260	260	260	260			
Y-O-Y	PROP W/FIS	0.051	0.377	0.112	0.063	0.004	0.024	0.015	0.023	0.002	0.025	1		

SPECIES : PINFISH COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	324	324	324	324	324	324	324	324	324	324			
LARGE	PROP W/FIS	0.662	0.797	0.927	0.720	0.450	0.490	0.543	0.386	0.223	0.351	2		

SPECIES : PINFISH COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	1876	1391	1177	1116	1375	1265	1717	1717	2256	1981			
POUNDS	LANDINGS	39438	227970	60138	31570	129162	164932	79136	88079	85030	78815			
	LB/TRIP	18.50	17.76	17.83	17.34	19.42	21.84	20.92	18.19	20.52	17.63	2		

SPECIES : PINFISH COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS	76	76	89	120	210	173	171	206	186	142			
	EST. TRIPS	4787417	9501882	7050766	12368024	8734627	10337013	7232620	8020901	7591119	6080401			
NUMBER	LANDINGS	11130779	10911698	7738763	10373180	10519834	15716765	9334306	8566756	8823660	8810244			
	NUM/HOUR	4.16	2.58	2.87	3.01	3.17	3.19	3.55	2.91	3.25	3.73	1		

SPECIES : PINFISH COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	1314	1340	1339	1340	1340	1346	1364	1801	1799	1797			
Y-O-Y	PROP W/FIS	0.495	0.707	0.425	0.282	0.469	0.346	0.375	0.326	0.256	0.284	2	-	*

SPECIES : PINFISH COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	444	444	444	444	444	444	444	444	444	444			
LARGE	PROP W/FIS	0.623	0.810	0.811	0.781	0.746	0.557	0.656	0.701	0.593	0.491	2		

Significance levels: * - 0.10, ** - 0.05, *** - 0.01

SPECIES : POMPANO COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	4630	4436	4176	5125	3749	4566	3912	4966	4529	4836			
POUNDS	LANDINGS	153281	178995	134294	137257	71174	98658	75782	120399	113325	132792			
	LB/TRIP	28.60	30.33	26.51	24.97	17.71	20.01	18.30	23.32	24.35	26.69	0	+	**

SPECIES : POMPANO COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS	251	358	201	212	146	144	105	92	94	73			
	EST. TRIPS	3985552	9547708	9983772	13927310	5095080	6724970	4719828	3933692	2809253	2894916			
NUMBER	LANDINGS	512667	1711644	506650	1602076	630110	575167	486247	380004	612361	497957			
	NUM/HOUR	0.34	0.29	0.32	0.31	0.37	0.35	0.31	0.40	0.51	0.48	1	+	*

SPECIES : POMPANO COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	260	260	260	260	260	260	260	260	260	260			
Y-O-Y	PROP W/FIS	0.000	0.000	0.004	0.000	0.000	0.000	0.004	0.000	0.000	0.000	1		

SPECIES : POMPANO COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	324	324	324	324	324	324	324	324	324	324			
LARGE	PROP W/FIS	0.008	0.026	0.006	0.021	0.006	0.019	0.025	0.007	0.007	0.015	1		

SPECIES : POMPANO COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	1252	722	608	832	1273	1087	1003	1010	1212	1089			
POUNDS	LANDINGS	194814	65819	13099	23987	54907	44087	52945	59081	63317	62712			
	LB/TRIP	83.91	59.07	31.59	35.02	49.13	47.91	59.53	52.05	62.38	56.16	2		

SPECIES : POMPANO COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS	171	165	230	166	160	171	147	168	190	146			
	EST. TRIPS	1282851	1446331	1492678	1296385	1208063	1891088	1520214	754865	4778225	989641			
NUMBER	LANDINGS	361094	266056	158406	139715	214365	214760	541673	184721	688202	444106			
	NUM/HOUR	0.46	0.37	0.33	0.34	0.49	0.39	0.51	0.59	0.47	0.74	1		

SPECIES : POMPANO COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	1314	1340	1339	1340	1340	1346	1364	1801	1799	1797			
Y-O-Y	PROP W/FIS	0.000	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.001	0.000	2		

SPECIES : POMPANO COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	444	444	444	444	444	444	444	444	444	444			
LARGE	PROP W/FIS	0.029	0.014	0.016	0.019	0.028	0.040	0.014	0.015	0.045	0.049	0		

SPECIES : PORGIES COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	394	364	570	539	630	683	665	562	548	486			
POUNDS	LANDINGS	27709	35132	57067	41467	52228	53938	59319	41651	37333	38376			
	LB/TRIP	70.33	96.52	100.12	76.93	82.90	78.97	89.20	74.11	68.13	78.96	2		

SPECIES : PORGIES COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS	44	50	59	84	92	141	151	145	32	61			
	EST. TRIPS	697923	1733567	892953	995310	2031211	2668074	1651318	2898159	597186	315805			
NUMBER	LANDINGS	660647	541260	375914	425121	262790	785200	455490	986182	167156	364837			
	NUM/HOUR	1.18	0.59	0.59	0.64	0.67	0.61	0.64	0.56	0.86	1.75	1		

SPECIES : PORGIES COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	324	324	324	324	324	324	324	324	324	324			
LARGE	PROP W/FIS	0.076	0.032	0.036	0.058	0.085	0.061	0.137	0.098	0.141	0.176	1	+	*

Significance levels: * - 0.10, ** - 0.05, *** - 0.01

SPECIES : PORGIES COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	2840	2109	3002	3168	2927	2949	2734	3024	2911	2495			
POUNDS	LANDINGS	575458	392577	636295	676444	408159	505629	376646	359148	281593	240527			
	LB/TRIP	202.63	186.14	211.96	213.52	139.45	171.46	137.76	118.77	96.73	96.40	3	-	***

SPECIES : PORGIES COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS	136	124	295	305	223	416	392	399	295	267			
	EST. TRIPS	1143110	892351	1064862	2502032	1834143	1145838	1031731	1506261	922924	302843			
NUMBER	LANDINGS	506412	507503	684458	1343124	1544421	1267500	1404956	1143386	1036213	622910			
	NUM/HOUR	0.76	1.09	1.42	1.04	1.26	1.86	2.13	1.61	2.00	5.38	1		

SPECIES : PORGIES COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	1314	1340	1339	1340	1340	1346	1364	1801	1799	1797			
Y-O-Y	PROP W/FIS	0.001	0.002	0.001	0.002	0.002	0.002	0.001	0.001	0.001	0.001	0		

SPECIES : PORGIES COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	444	444	444	444	444	444	444	444	444	444			
LARGE	PROP W/FIS	0.020	0.016	0.023	0.047	0.038	0.032	0.018	0.020	0.023	0.023	0		

SPECIES : RAYS COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	10	4	8	15	8	17	41	40	47	49			
POUNDS	LANDINGS	254	123	85	203	1796	155	1750	2227	1781	5326			
	LB/TRIP	25.40	30.75	10.63	13.53	224.50	9.12	42.68	55.67	37.89	108.69	1	+	*

SPECIES : RAYS COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS	2	2	3	2	24	23	26	19	20	31			
	EST. TRIPS	2625971	12574547	0	5325691	2003665	1304084	1749346	1614733	2537246	2817098			
NUMBER	LANDINGS	10364	14870	0	80386	1214	33896	16391	20201	69139	0			
	NUM/HOUR	0.57	0.13	0.00	0.19	0.50	1.18	0.59	0.54	0.48	0.81	2		

SPECIES : RAYS COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	11	23	12	23	14	33	53	32	100	91			
POUNDS	LANDINGS	2807	10677	2644	90346	871	3770	1644	14899	100161	10164			
	LB/TRIP	255.18	464.22	220.33	3928.09	62.21	114.24	31.02	465.59	1001.61	111.69	1		

SPECIES : RAYS COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS	11	2	5	4	25	41	42	33	30	38			
	EST. TRIPS	4771238	3074836	3392683	5800545	1930649	1229559	1300063	1340855	1765672	1518353			
NUMBER	LANDINGS	17538	28103	17447	7506	51648	58493	19340	117279	32470	227638			
	NUM/HOUR	0.14	0.23	0.19	0.12	0.39	0.68	0.52	0.61	0.55	0.83	1		

SPECIES : RAY, COWNOSE COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS				1	1								
	EST. TRIPS				100311	96545								
NUMBER	LANDINGS				24091	1214								
	NUM/HOUR				0.25	0.50						0		

SPECIES : RAY, COWNOSE COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	324	324	324	324	324	324	324	324	324	324			
LARGE	PROP W/FIS	0.000	0.000	0.000	0.003	0.000	0.003	0.000	0.000	0.000	0.009	0		

SPECIES : RAY, COWNOSE COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS			1		2	2	6	5	1				
	EST. TRIPS			113768		0	35945	109265	137824	26010				
NUMBER	LANDINGS			913		15869	40506	101	99365	5597				
	NUM/HOUR			0.11		0.00	1.33	0.04	0.78	0.75		2		

Significance levels: * - 0.10, ** - 0.05, *** - 0.01

SPECIES : RAY, COWNOSE COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
FIM	NUM SETS	1314	1340	1339	1340	1340	1346	1364	1801	1799	1797		
Y-O-Y	PROP W/FIS	0.001	0.002	0.003	0.000	0.000	0.001	0.000	0.001	0.001	0.001	0	

SPECIES : RAY, COWNOSE COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
FIM	NUM SETS	444	444	444	444	444	444	444	444	444	444		
LARGE	PROP W/FIS	0.062	0.085	0.124	0.101	0.027	0.030	0.021	0.011	0.020	0.022	1	

SPECIES : STINGRAYS COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
REC	INTERVIEWS	2	2	2	1	23	21	26	19	20	30		
	EST. TRIPS	2565447	12513647	0	7787915	1898500	1174325	1745115	1527199	2522196	2721806		
NUMBER	LANDINGS	10364	14870	0	56295	0	33896	16391	20201	69139	0		
	NUM/HOUR	0.57	0.13	0.00	0.13	0.50	1.28	0.59	0.54	0.48	0.82	2	

SPECIES : STINGRAYS COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
FIM	NUM SETS	260	260	260	260	260	260	260	260	260	260		
Y-O-Y	PROP W/FIS	0.030	0.056	0.056	0.006	0.013	0.049	0.062	0.051	0.053	0.058	1	

SPECIES : STINGRAYS COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
FIM	NUM SETS	324	324	324	324	324	324	324	324	324	324		
LARGE	PROP W/FIS	0.557	0.592	0.662	0.527	0.536	0.571	0.596	0.611	0.605	0.621	1	+ **

SPECIES : STINGRAYS COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
REC	INTERVIEWS	11	2	4	4	23	39	35	28	29	38		
	EST. TRIPS	4726530	2956593	3009450	5656761	1725698	1219157	1231634	1214838	1746000	1512359		
NUMBER	LANDINGS	15782	24419	16534	6126	35779	17987	19240	17914	26872	227638		
	NUM/HOUR	0.14	0.23	0.21	0.12	0.42	0.65	0.54	0.58	0.54	0.83	1	

SPECIES : STINGRAYS COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
FIM	NUM SETS	1314	1340	1339	1340	1340	1346	1364	1801	1799	1797		
Y-O-Y	PROP W/FIS	0.005	0.013	0.015	0.012	0.007	0.010	0.010	0.007	0.012	0.007	2	

SPECIES : STINGRAYS COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
FIM	NUM SETS	444	444	444	444	444	444	444	444	444	444		
LARGE	PROP W/FIS	0.319	0.419	0.345	0.342	0.351	0.315	0.268	0.311	0.329	0.309	1	

SPECIES : SAND PERCH COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
COMM	TRIPS	8	8	2	18	2	3	2	2	4	3		
POUNDS	LANDINGS	86	72	5	104	7	38	112	203	156	8		
	LB/TRIP	10.75	9.00	2.50	5.78	3.50	12.67	56.00	101.50	39.00	2.67	2	

SPECIES : SAND PERCH COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
REC	INTERVIEWS	2	1	2	8	3	2	1	1		2		
	EST. TRIPS	156693	121256	33020	86302	637312	328732	252681	11150		47006		
NUMBER	LANDINGS	82514	0	0	26115	99070	10288	67182	0		7824		
	NUM/HOUR	0.67	0.50	2.26	1.64	0.38	1.31	0.33	1.14		2.70	1	

SPECIES : SAND PERCH COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
FIM	NUM SETS	324	324	324	324	324	324	324	324	324	324		
LARGE	PROP W/FIS	0.000	0.000	0.003	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0	

Significance levels: * - 0.10, ** - 0.05, *** - 0.01

SPECIES : SAND PERCH COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	7		5	2	10	7	17	20	41	100			
POUNDS	LANDINGS	291		46	10	159	101	574	332	1011	687			
	LB/TRIP	41.57		9.20	5.00	15.90	14.43	33.77	16.60	24.66	6.87	2		

SPECIES : SAND PERCH COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS	14	13	36	24	21	57	77	84	89	77			
	EST. TRIPS	1968039	3942642	3417184	1320479	1687983	417068	845193	1371119	1698591	497256			
NUMBER	LANDINGS	146893	168133	305594	304728	228662	460745	229737	592082	324524	668435			
	NUM/HOUR	0.61	0.21	0.47	0.96	0.55	2.35	1.24	1.47	1.40	5.62	1		

SPECIES : SAND PERCH COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	1314	1340	1339	1340	1340	1346	1364	1801	1799	1797			
Y-O-Y	PROP W/FIS	0.002	0.002	0.001	0.001	0.000	0.001	0.003	0.001	0.002	0.002	1		

SPECIES : SAND PERCH COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	444	444	444	444	444	444	444	444	444	444			
LARGE	PROP W/FIS	0.002	0.005	0.005	0.002	0.007	0.002	0.002	0.005	0.005	0.007	0	+	**

SPECIES : SARDINES, SCALED COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	66	95	91	155	76	83	57	37	71	93			
POUNDS	LANDINGS	5619	9993	11875	13219	7289	4287	5206	2602	10029	21194			
	LB/TRIP	85.14	105.19	130.50	85.28	95.91	51.65	91.33	70.32	141.25	227.89	1	+	**

SPECIES : SARDINES, SCALED COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS	22	4	11	6	21	8	7	3	8	4			
	EST. TRIPS	2799701	1813122	14429121	1631734	13885766	13169489	27803588	0	39188826	4338269			
NUMBER	LANDINGS	23048321	2540388	12369320	3508341	5909508	5907076	10341435	4685628	8043067	4335739			
	NUM/HOUR	8.30	1.56	0.96	2.79	0.74	0.75	0.47	0.00	0.21	1.26	1		

SPECIES : SARDINES, SCALED COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	260	260	260	260	260	260	260	260	260	260			
Y-O-Y	PROP W/FIS	0.010	0.005	0.010	0.018	0.026	0.021	0.024	0.041	0.020	0.011	2		

SPECIES : SARDINES, SCALED COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	324	324	324	324	324	324	324	324	324	324			
LARGE	PROP W/FIS	0.073	0.070	0.046	0.066	0.081	0.104	0.151	0.138	0.107	0.201	2		

SPECIES : SARDINES, SCALED COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	108	57	8	34	17	41	14	31	210	177			
POUNDS	LANDINGS	35250	20280	57575	16336	17262	25248	8182	2234	306865	261981			
	LB/TRIP	326.39	355.79	7196.88	480.47	1015.41	615.80	584.43	72.06	1461.26	1480.12	1		

SPECIES : SARDINES, SCALED COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS	24	19	25	10	57	47	48	34	42	34			
	EST. TRIPS	21484585	18544010	25807280	10660770	88536185	60337355	57659266	74479138	26471723	52942816			
NUMBER	LANDINGS	54826652	36613631	21142645	26140224	51911633	49704805	48640195	52368589	43775255	27257039			
	NUM/HOUR	2.73	2.04	0.83	2.55	0.61	0.91	0.88	0.75	2.30	0.63	2		

SPECIES : SARDINES, SCALED COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	1314	1340	1339	1340	1340	1346	1364	1801	1799	1797			
Y-O-Y	PROP W/FIS	0.006	0.007	0.006	0.009	0.011	0.007	0.011	0.012	0.015	0.006	1		

Significance levels: * - 0.10, ** - 0.05, *** - 0.01

SPECIES : SARDINES, SCALED COAST : GULF CATEGORY : FINFISH #YR DN SIG

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
FIM	NUM SETS	444	444	444	444	444	444	444	444	444	444	
LARGE	PROP W/FIS	0.116	0.155	0.110	0.114	0.094	0.041	0.064	0.089	0.054	0.026	2

SPECIES : SARDINES, SPANISH COAST : ATLANTIC CATEGORY : FINFISH #YR DN SIG

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
COMM	TRIPS	61	118	109	98	6	15	9	7	1	5	
POUNDS	LANDINGS	21947	16913	13577	7158	2169	1491	2907	2016	84	95	
	LB/TRIP	359.79	143.33	124.56	73.04	361.50	99.40	323.00	288.00	84.00	19.00	3

SPECIES : SARDINES, SPANISH COAST : ATLANTIC CATEGORY : FINFISH #YR DN SIG

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
REC	INTERVIEWS	1			4	1	4		3			
	EST. TRIPS	49894			88664	2317797	20128598		-670867			
NUMBER	LANDINGS	929648			375252	648253	2020960		539714			
	NUM/HOUR	18.66			6.78	0.28	0.10		0.00			0

SPECIES : SARDINES, SPANISH COAST : ATLANTIC CATEGORY : FINFISH #YR DN SIG

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
FIM	NUM SETS	260	260	260	260	260	260	260	260	260	260	
Y-O-Y	PROP W/FIS	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.004	0.000	1

SPECIES : SARDINES, SPANISH COAST : ATLANTIC CATEGORY : FINFISH #YR DN SIG

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
FIM	NUM SETS	324	324	324	324	324	324	324	324	324	324	
LARGE	PROP W/FIS	0.003	0.000	0.000	0.000	0.000	0.000	0.003	0.003	0.000	0.000	1

SPECIES : SARDINES, SPANISH COAST : GULF CATEGORY : FINFISH #YR DN SIG

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
COMM	TRIPS	74	46	84	45	74	73	60	74	45	63	
POUNDS	LANDINGS	1378917	1999817	2430406	960307	656772	1081454	1336590	1610190	807258	1780327	
	LB/TRIP	9156.74	14872.52	10192.86	8392.49	3918.78	4272.24	3269.13	10904.96	3529.47	7334.69	1

SPECIES : SARDINES, SPANISH COAST : GULF CATEGORY : FINFISH #YR DN SIG

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
REC	INTERVIEWS	1	1			4	7	5	8	5		
	EST. TRIPS	368613	227659			463056	53079	3655919	889215	703288		
NUMBER	LANDINGS	352286	409078			347292	41801	4167569	1745630	700911		
	NUM/HOUR	1.00	4.38			0.75	1.06	1.14	1.98	1.00		2

SPECIES : SARDINES, SPANISH COAST : GULF CATEGORY : FINFISH #YR DN SIG

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
FIM	NUM SETS	1314	1340	1339	1340	1340	1346	1364	1801	1799	1797	
Y-O-Y	PROP W/FIS	0.005	0.004	0.002	0.000	0.002	0.001	0.004	0.002	0.001	0.001	2

SPECIES : SARDINES, SPANISH COAST : GULF CATEGORY : FINFISH #YR DN SIG

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
FIM	NUM SETS	444	444	444	444	444	444	444	444	444	444	
LARGE	PROP W/FIS	0.002	0.002	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0

SPECIES : SCAD, BIGEYE COAST : ATLANTIC CATEGORY : FINFISH #YR DN SIG

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
COMM	TRIPS	299	337	388	454	340	413	487	557	538	551	
POUNDS	LANDINGS	10637	11278	13705	21538	16506	15998	19664	20142	23275	22904	
	LB/TRIP	35.58	33.47	35.32	47.44	48.55	38.74	40.38	36.16	43.26	41.57	2

SPECIES : SCAD, BIGEYE COAST : ATLANTIC CATEGORY : FINFISH #YR DN SIG

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
REC	INTERVIEWS	6		1	4		16	3	1	1	1	
	EST. TRIPS	2484429		27934	658395		1589258	129381	2604912	0	1099120	
NUMBER	LANDINGS	203230		231800	219461		2155532	110439	1415927	0	1077370	
	NUM/HOUR	0.08		8.33	0.37		1.65	0.89	1.25	0.00	1.00	1

Significance levels: * - 0.10, ** - 0.05, *** - 0.01

SPECIES : SCAD, BIGEYE COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	96	46	75	80	86	110	140	82	76	89			
POUNDS	LANDINGS	138686	104990	35108	135487	206918	214538	288731	286191	114520	171087			
	LB/TRIP	1444.65	2282.39	468.11	1693.59	2406.02	1950.35	2062.36	3490.13	1506.84	1922.33	1		

SPECIES : SCAD, BIGEYE COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS							1	3		2			
	EST. TRIPS							23096	4578		424			
NUMBER	LANDINGS							38493	5799		2364			
	NUM/HOUR							1.67	1.27		5.58	2		

SPECIES : SCAD, ROUND COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	2			1	1								
POUNDS	LANDINGS	75			94	60								
	LB/TRIP	37.50			94.00	60.00						0		

SPECIES : SCAD, ROUND COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS	1			1	3	3	3	1					
	EST. TRIPS	500447			4709327	56686	2457950	830827	794597					
NUMBER	LANDINGS	372616			941046	92799	1728602	213273	140203					
	NUM/HOUR	0.89			0.20	2.89	0.76	0.28	0.25			2	-	**

SPECIES : SCAD, ROUND COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	90	61	138	75	121	55	92	140	135	69			
POUNDS	LANDINGS	432553	652262	950845	231201	704456	319070	316031	714760	1191522	734991			
	LB/TRIP	4806.14	10692.82	6890.18	3082.68	5821.95	5801.27	3435.12	5105.43	8826.09	10652.04	0	+	*

SPECIES : SCAD, ROUND COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS	11	9	24	17	48	45	88	73	48	39			
	EST. TRIPS	14332729	911652	1667013	4567601	3176042	710493	2757708	2156373	1336431	2515590			
NUMBER	LANDINGS	5333366	301326	939986	3087299	4214241	1192732	8026154	2717695	2215795	6647014			
	NUM/HOUR	0.38	0.37	0.60	0.76	1.39	1.93	3.14	1.30	1.75	3.15	1		

SPECIES : SEATROUT, SAND COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	127	77	124	134	123	47	36	76	51	29			
POUNDS	LANDINGS	14909	4984	4633	5119	3455	11874	754	2749	1187	1076			
	LB/TRIP	117.39	64.73	37.36	38.20	28.09	252.64	20.94	36.17	23.27	37.10	1		

SPECIES : SEATROUT, SAND COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS	58	52	67	84	95	57	64	60	70	49			
	EST. TRIPS	1790696	2255977	3747701	6714356	2486335	1781761	3054999	735643	2006799	556159			
NUMBER	LANDINGS	2197252	1087488	2408410	4386793	2100801	1156330	876780	518415	1461580	583779			
	NUM/HOUR	1.86	0.75	0.87	1.00	1.07	0.88	0.75	1.61	1.25	1.68	1		

SPECIES : SEATROUT, SAND COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	1314	1340	1339	1340	1340	1346	1364	1801	1799	1797			
Y-O-Y	PROP W/FIS	0.041	0.048	0.079	0.046	0.038	0.052	0.047	0.031	0.029	0.019	3	-	***

SPECIES : SEATROUT, SAND COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	444	444	444	444	444	444	444	444	444	444			
LARGE	PROP W/FIS	0.000	0.009	0.014	0.011	0.011	0.007	0.000	0.000	0.002	0.011	0		

SPECIES : SEATROUT, SILVER COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	16		24	89	60	15	10	6	14	11			
POUNDS	LANDINGS	215		316	3965	1155	167	111	45	440	244			
	LB/TRIP	13.44		13.17	44.55	19.25	11.13	11.10	7.50	31.43	22.18	2		

Significance levels: * - 0.10, ** - 0.05, *** - 0.01

SPECIES : SEATROUT, SILVER COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
REC	INTERVIEWS	2	3	2	1		1	1			3		
	EST. TRIPS	0	61964	75079	0		74	6444			6514		
NUMBER	LANDINGS	7173	1873	9385	0		982	1841			7393		
	NUM/HOUR	0.00	0.04	0.13	0.00		13.33	0.29			1.14	1	

SPECIES : SEATROUT, SILVER COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
COMM	TRIPS	210	69	203	283	159	167	105	87	47	29		
POUNDS	LANDINGS	15539	7039	13814	16797	13149	9499	9476	3037	1911	1499		
	LB/TRIP	74.00	102.01	68.05	59.35	82.70	56.88	90.25	34.91	40.66	51.69	1	

SPECIES : SEATROUT, SILVER COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
REC	INTERVIEWS	6	7	7	7	5	9	4	4	3	2		
	EST. TRIPS	0	127256	1041011	0	6382390	204021	60054	0	2543	4404		
NUMBER	LANDINGS	4438	9950	15771	0	37815	122709	82170	2123	1059	3230		
	NUM/HOUR	0.00	0.11	0.02	0.00	0.02	0.67	1.71	0.00	0.42	0.73	1	

SPECIES : SEATROUT, SPOTTED COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
COMM	TRIPS	946	744	1132	1442	1548	1292	1280	847	632	725		
POUNDS	LANDINGS	46297	39374	63592	61676	58221	37710	39231	23105	16194	21893		
	LB/TRIP	19.53	20.96	23.64	17.80	15.67	12.51	11.07	10.13	10.10	11.90	2	

SPECIES : SEATROUT, SPOTTED COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
REC	INTERVIEWS	746	873	798	1225	599	639	932	623	646	440		
	EST. TRIPS	14688842	27647668	22791390	27913469	14722233	17773310	14347020	11807868	16170355	11776577		
NUMBER	LANDINGS	639102	1187103	931353	1682942	1122151	1111177	504137	962946	977797	924009		
	NUM/HOUR	0.40	0.39	0.39	0.41	0.47	0.47	0.46	0.49	0.42	0.52	1	

SPECIES : SEATROUT, SPOTTED COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
FIM	NUM SETS	260	260	260	260	260	260	260	260	260	260		
Y-O-Y	PROP W/FIS	0.070	0.083	0.151	0.063	0.071	0.084	0.146	0.138	0.121	0.143	2	

SPECIES : SEATROUT, SPOTTED COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
FIM	NUM SETS	324	324	324	324	324	324	324	324	324	324		
LARGE	PROP W/FIS	0.039	0.061	0.161	0.102	0.098	0.077	0.080	0.103	0.044	0.068	1	

SPECIES : SEATROUT, SPOTTED COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
COMM	TRIPS	728	529	408	765	899	874	646	651	553	418		
POUNDS	LANDINGS	16080	13523	12660	17598	15938	11983	8455	9748	5731	4523		
	LB/TRIP	20.76	24.96	23.26	21.27	18.47	13.84	12.58	13.42	12.46	11.54	2	- *

SPECIES : SEATROUT, SPOTTED COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
REC	INTERVIEWS	2419	2725	2979	3201	2166	2702	2849	2743	2519	1995		
	EST. TRIPS	65096872	74159672	99104888	113963933	50171732	39959640	41415375	59768686	67529631	36766275		
NUMBER	LANDINGS	3071150	2519182	3820731	4492562	3656732	2713815	2730015	3298522	3679555	3356293		
	NUM/HOUR	0.31	0.30	0.33	0.30	0.47	0.47	0.45	0.44	0.42	0.52	2	

SPECIES : SEATROUT, SPOTTED COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
FIM	NUM SETS	1314	1340	1339	1340	1340	1346	1364	1801	1799	1797		
Y-O-Y	PROP W/FIS	0.058	0.047	0.070	0.055	0.043	0.060	0.049	0.043	0.045	0.029	2	- **

SPECIES : SEATROUT, SPOTTED COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
FIM	NUM SETS	444	444	444	444	444	444	444	444	444	444		
LARGE	PROP W/FIS	0.075	0.084	0.094	0.068	0.078	0.085	0.077	0.079	0.070	0.084	1	

Significance levels: * - 0.10, ** - 0.05, *** - 0.01

SPECIES : SEATROUT, WEAKFISH COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	589	334	597	1231	730	432	457	391	516	513			
POUNDS	LANDINGS	6367	3151	13202	32938	10956	4951	5814	5515	14727	5852			
	LB/TRIP	20.45	20.69	35.59	41.39	23.09	16.91	19.87	21.95	34.48	22.42	1		

SPECIES : SEATROUT, WEAKFISH COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS	16	10	3	6	5	9	3	10	2	2			
	EST. TRIPS	1144619	271541	944042	406660	1288489	620840	57973	574830	107139	251081			
NUMBER	LANDINGS	287691	65913	83032	103841	262177	54138	14656	144670	25722	43306			
	NUM/HOUR	0.27	0.26	0.25	0.26	0.26	0.27	0.25	0.25	0.24	0.23	3	-	***

SPECIES : SHAD COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS				1						1			
POUNDS	LANDINGS				14						300			
	LB/TRIP				14.00						300.00	0		

SPECIES : SHARK COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	1336	865	856	897	772	648	589	431	551	682			
POUNDS	LANDINGS	1109049	781180	715788	630210	653569	639502	665243	357684	434887	351320			
	LB/TRIP	830.13	903.10	836.20	702.58	846.59	986.89	1129.44	829.89	789.27	515.13	3	-	**

SPECIES : SHARK COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS	61	54	55	51	136	230	172	59	50	103			
	EST. TRIPS	28221053	38914148	41999003	37450680	7251240	7456178	12869470	14032511	3402495	2833714			
NUMBER	LANDINGS	101011	46137	20230	60987	67840	278397	26983	134665	14088	16352			
	NUM/HOUR	0.10	0.09	0.07	0.08	0.43	0.53	0.42	0.33	0.33	0.58	1		

SPECIES : SHARK COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	324	324	324	324	324	324	324	324	324	324			
LARGE	PROP W/FIS	0.003	0.003	0.000	0.015	0.019	0.022	0.031	0.019	0.006	0.022	2		

SPECIES : SHARK COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	281	96	227	244	123	96	94	74	112	106			
POUNDS	LANDINGS	569023	233121	383615	287152	155107	141741	174113	238215	297709	294434			
	LB/TRIP	2024.99	2428.34	1689.93	1176.85	1261.03	1476.47	1852.27	3219.12	2658.12	2777.68	1		

SPECIES : SHARK COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS	130	168	271	234	345	423	345	267	204	235			
	EST. TRIPS	15285110	29482042	35228772	27859929	11219187	4852548	4911489	4335114	4554018	1859022			
NUMBER	LANDINGS	121498	114851	132173	151615	160159	109573	68472	113536	113775	185739			
	NUM/HOUR	0.14	0.10	0.07	0.10	0.34	0.55	0.51	0.48	0.43	1.12	2		

SPECIES : SHARK COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	444	444	444	444	444	444	444	444	444	444			
LARGE	PROP W/FIS	0.033	0.031	0.037	0.055	0.043	0.032	0.064	0.061	0.052	0.039	3		

SPECIES : SHARK FINS COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	981	636	492	328	505	331	302	267	252	203			
POUNDS	LANDINGS	26859	19312	15805	9320	11697	12491	15412	10020	8890	6460			
	LB/TRIP	27.38	30.36	32.12	28.41	23.16	37.74	51.03	37.53	35.28	31.82	3		

SPECIES : SHARK FINS COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	212	65	155	168	64	58	67	62	88	94			
POUNDS	LANDINGS	20055	8217	13383	9434	6163	6211	7634	11023	12749	14048			
	LB/TRIP	94.60	126.42	86.34	56.16	96.30	107.09	113.94	177.79	144.88	149.45	1		

Significance levels: * - 0.10, ** - 0.05, *** - 0.01

SPECIES : SHEEPSHEAD COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
COMM	TRIPS	5217	4275	4466	4891	4687	4628	4110	4260	4085	3578		
POUNDS	LANDINGS	174346	145470	112933	131466	180297	167569	131766	149631	193427	159760		
	LB/TRIP	35.17	35.15	30.39	32.97	42.11	35.42	35.88	36.93	51.60	43.96	1	

SPECIES : SHEEPSHEAD COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
REC	INTERVIEWS	216	337	270	281	176	269	213	198	192	169		
	EST. TRIPS	3728212	4581047	3923408	4459227	3050229	5103088	4775090	5012343	3335652	3727797		
NUMBER	LANDINGS	981880	1892676	1420146	1014887	1075957	2248074	1128807	1942006	1239654	1730550		
	NUM/HOUR	0.68	0.82	0.80	0.75	0.83	0.98	0.76	0.84	0.71	1.08	1	

SPECIES : SHEEPSHEAD COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
FIM	NUM SETS	260	260	260	260	260	260	260	260	260	260		
Y-O-Y	PROP W/FIS	0.092	0.038	0.031	0.108	0.131	0.038	0.027	0.023	0.015	0.027	2	

SPECIES : SHEEPSHEAD COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
FIM	NUM SETS	324	324	324	324	324	324	324	324	324	324		
LARGE	PROP W/FIS	0.518	0.585	0.541	0.561	0.620	0.556	0.671	0.609	0.478	0.462	3	

SPECIES : SHEEPSHEAD COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
COMM	TRIPS	4693	5203	5301	5900	7026	6789	7214	6751	5950	4599		
POUNDS	LANDINGS	139350	194966	150373	158918	180187	199630	254678	149299	131272	121099		
	LB/TRIP	18.73	22.63	16.68	17.42	16.99	18.36	18.19	18.55	18.29	18.54	1	

SPECIES : SHEEPSHEAD COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
REC	INTERVIEWS	396	380	442	459	372	445	444	522	470	428		
	EST. TRIPS	3263245	6219010	4912844	5800341	4455058	4571833	2585330	3471320	6636879	6081673		
NUMBER	LANDINGS	1697513	1696079	1633964	2113391	1499900	1882697	1348969	1545681	2757273	1848271		
	NUM/HOUR	1.11	0.95	0.95	0.90	1.11	1.20	1.35	1.08	1.02	1.12	2	

SPECIES : SHEEPSHEAD COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
FIM	NUM SETS	1314	1340	1339	1340	1340	1346	1364	1801	1799	1797		
Y-O-Y	PROP W/FIS	0.103	0.051	0.073	0.095	0.086	0.112	0.059	0.113	0.107	0.097	2	

SPECIES : SHEEPSHEAD COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
FIM	NUM SETS	444	444	444	444	444	444	444	444	444	444		
LARGE	PROP W/FIS	0.285	0.416	0.254	0.340	0.517	0.399	0.472	0.496	0.431	0.463	1	

SPECIES : SNAPPER, GRAY COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
COMM	TRIPS	1074	623	596	793	897	1207	1107	940	799	680		
POUNDS	LANDINGS	30451	24125	26055	37033	51074	53383	59806	41078	32310	25761		
	LB/TRIP	11.29	14.79	18.04	15.00	17.80	18.57	18.62	17.15	13.98	14.26	2	- **

SPECIES : SNAPPER, GRAY COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
REC	INTERVIEWS	230	119	107	145	231	327	322	274	278	213		
	EST. TRIPS	6842331	1888829	1598680	5441652	5377443	6130964	5085963	9922734	11052616	5001875		
NUMBER	LANDINGS	811222	447206	403559	464278	2102322	2555533	1819395	3777642	3355422	2441527		
	NUM/HOUR	1.27	1.15	1.51	1.26	1.72	1.74	1.63	1.58	1.23	2.17	2	

SPECIES : SNAPPER, GRAY COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
FIM	NUM SETS	260	260	260	260	260	260	260	260	260	260		
Y-O-Y	PROP W/FIS	0.004	0.000	0.008	0.004	0.000	0.000	0.015	0.000	0.019	0.027	1	

Significance levels: * - 0.10, ** - 0.05, *** - 0.01

SPECIES : SNAPPER, GRAY COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	324	324	324	324	324	324	324	324	324	324			
LARGE	PROP W/FIS	0.210	0.087	0.069	0.067	0.108	0.154	0.216	0.167	0.130	0.142	2		

SPECIES : SNAPPER, GRAY COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	4733	3757	3457	3802	3736	4628	4680	4558	4021	3345			
POUNDS	LANDINGS	237783	218699	174365	229706	222924	265840	244614	252060	183052	184928			
	LB/TRIP	14.68	16.11	14.91	17.06	15.52	16.97	15.81	15.94	13.77	14.02	1	-	**

SPECIES : SNAPPER, GRAY COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS	578	411	380	427	645	1216	1092	1063	787	806			
	EST. TRIPS	7088450	6860508	10368467	12571858	13164520	12863428	11335731	10814246	12069970	8275130			
NUMBER	LANDINGS	2748790	1396380	1528458	3877100	3561354	4609372	3474101	3786888	3097705	2994147			
	NUM/HOUR	1.33	0.95	0.83	1.11	1.42	1.73	1.69	1.54	1.41	1.97	2		

SPECIES : SNAPPER, GRAY COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	1314	1340	1339	1340	1340	1346	1364	1801	1799	1797			
Y-O-Y	PROP W/FIS	0.027	0.019	0.010	0.032	0.029	0.032	0.031	0.046	0.048	0.029	1		

SPECIES : SNAPPER, GRAY COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	444	444	444	444	444	444	444	444	444	444			
LARGE	PROP W/FIS	0.055	0.042	0.022	0.058	0.130	0.097	0.129	0.164	0.143	0.140	2		

SPECIES : SNAPPER, LANE COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	209	72	56	80	91	115	103	109	187	124			
POUNDS	LANDINGS	1530	692	749	1293	1168	876	597	834	1613	729			
	LB/TRIP	5.95	6.55	7.88	8.96	6.05	6.25	4.34	5.32	5.35	5.38	0		

SPECIES : SNAPPER, LANE COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS	27	14	14	21	44	62	58	54	42	49			
	EST. TRIPS	5322287	1381535	1360857	1667928	4072914	5223732	3489697	3697860	3520240	6105780			
NUMBER	LANDINGS	145005	57886	68073	100745	284634	396004	226467	201839	197263	399859			
	NUM/HOUR	0.16	0.15	0.16	0.18	0.25	0.21	0.23	0.23	0.21	0.19	2		

SPECIES : SNAPPER, LANE COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	324	324	324	324	324	324	324	324	324	324			
LARGE	PROP W/FIS	0.015	0.000	0.009	0.003	0.012	0.003	0.003	0.009	0.009	0.003	1		

SPECIES : SNAPPER, LANE COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	1888	1046	1023	1409	1274	1716	2039	2012	2157	1639			
POUNDS	LANDINGS	30962	17095	13163	26016	22777	32436	46491	38096	44410	29872			
	LB/TRIP	20.99	15.86	16.76	19.61	18.17	20.93	24.41	21.67	23.81	19.78	2		

SPECIES : SNAPPER, LANE COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS	69	43	41	89	88	154	135	208	187	151			
	EST. TRIPS	9018536	4978222	4746885	7132945	9570880	10466341	8546839	14649515	15035922	7951760			
NUMBER	LANDINGS	497506	137693	64351	353402	542312	470219	446469	597678	1307622	817652			
	NUM/HOUR	0.16	0.09	0.07	0.10	0.15	0.13	0.15	0.15	0.18	0.28	1	+	**

SPECIES : SNAPPER, LANE COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	1314	1340	1339	1340	1340	1346	1364	1801	1799	1797			
Y-O-Y	PROP W/FIS	0.046	0.025	0.030	0.037	0.024	0.021	0.036	0.017	0.039	0.014	2		

Significance levels: * - 0.10, ** - 0.05, *** - 0.01

SPECIES : SNAPPER, LANE COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	444	444	444	444	444	444	444	444	444	444			
LARGE	PROP W/FIS	0.005	0.002	0.000	0.002	0.005	0.005	0.005	0.007	0.000	0.002	1		

SPECIES : SNAPPER, MUTTON COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	987	869	618	610	567	731	835	746	603	530			
POUNDS	LANDINGS	21041	26203	21905	28962	31211	31092	43077	27973	21174	22472			
	LB/TRIP	16.65	21.98	20.73	24.81	26.69	22.41	23.86	22.57	19.29	22.85	2		

SPECIES : SNAPPER, MUTTON COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS	91	93	55	77	86	131	167	138	85	93			
	EST. TRIPS	312726	235723	108514	319825	331349	560640	549968	1002632	1754400	450399			
NUMBER	LANDINGS	198067	180289	58991	83730	162354	278894	243687	271399	162471	132057			
	NUM/HOUR	1.69	1.27	0.90	1.26	1.44	1.59	1.81	1.60	1.06	1.93	2		

SPECIES : SNAPPER, MUTTON COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	324	324	324	324	324	324	324	324	324	324			
LARGE	PROP W/FIS	0.072	0.032	0.025	0.041	0.056	0.045	0.083	0.080	0.042	0.042	2		

SPECIES : SNAPPER, MUTTON COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	1648	1538	1745	1581	1561	1848	1813	1672	1618	1628			
POUNDS	LANDINGS	97256	99626	134401	134477	146048	196440	180595	122995	170460	198208			
	LB/TRIP	33.98	35.55	37.68	41.89	40.52	38.27	34.10	35.77	44.54	42.37	1		

SPECIES : SNAPPER, MUTTON COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS	31	33	36	30	53	64	75	57	49	57			
	EST. TRIPS	182846	123509	55891	354402	237029	272841	158152	233928	234186	39866			
NUMBER	LANDINGS	45938	50399	22740	116219	123236	114401	122343	121839	47247	60471			
	NUM/HOUR	1.26	0.52	0.84	0.64	1.92	2.10	1.79	2.13	1.78	7.17	1		

SPECIES : SNAPPER, MUTTON COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	1314	1340	1339	1340	1340	1346	1364	1801	1799	1797			
Y-O-Y	PROP W/FIS	0.001	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	1	-	*

SPECIES : SNAPPER, MUTTON COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	444	444	444	444	444	444	444	444	444	444			
LARGE	PROP W/FIS	0.005	0.000	0.000	0.000	0.002	0.005	0.002	0.007	0.011	0.000	1		

SPECIES : SNAPPER, RED COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	1646	23	3	105	357	773	3	10	910	1247			
POUNDS	LANDINGS	302750	3150	187	5054	23212	54262	1702	2146	68671	95807			
	LB/TRIP	43.46	22.38	45.80	34.96	50.80	61.98	286.47	84.67	59.00	66.11	2		

SPECIES : SNAPPER, RED COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS	97	12	5	24	54	154	39	39	92	291			
	EST. TRIPS	3237767	224333	85327	927000	406975	966806	1580668	1979238	1128860	4522907			
NUMBER	LANDINGS	416247	0	4407	10782	54477	207319	2035	77	157674	599093			
	NUM/HOUR	0.42	1.99	2.96	0.41	0.59	0.89	0.82	1.19	1.46	0.77	1		

SPECIES : SNAPPER, RED COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	1692	2362	2768	2843	2796	3008	3101	3367	3449	3344			
POUNDS	LANDINGS	863146	1317182	1537595	1698562	2181262	2104341	2645745	2339100	2531800	2564514			
	LB/TRIP	205.19	234.06	269.91	262.10	302.34	266.06	333.44	295.40	335.79	395.07	1	+	*

Significance levels: * - 0.10, ** - 0.05, *** - 0.01

SPECIES : SNAPPER, RED COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
REC	INTERVIEWS	329	318	419	458	378	466	431	603	512	415		
	EST. TRIPS	4877714	5805175	7491217	4705262	7197758	2141384	2463845	4966303	10269242	5611854		
NUMBER	LANDINGS	976290	866993	768588	816223	1456426	560227	588250	801251	1534162	988099		
	NUM/HOUR	0.80	0.74	0.66	0.96	0.71	1.22	0.90	0.86	0.75	0.86	2	

SPECIES : SNAPPER, SILK COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
COMM	TRIPS	34	30	19	19	26	35	38	61	50	40		
POUNDS	LANDINGS	2239	1217	175	330	452	579	1975	8543	1705	1452		
	LB/TRIP	65.85	40.57	9.21	17.37	17.39	16.54	51.97	140.05	34.10	36.30	1	

SPECIES : SNAPPER, SILK COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
REC	INTERVIEWS	2	2	1						1	2		
	EST. TRIPS	14178	129	14300						5415	98		
NUMBER	LANDINGS	631	32	2267						774	479		
	NUM/HOUR	0.20	0.53	0.17						0.14	4.88	0	

SPECIES : SNAPPER, SILK COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
COMM	TRIPS	154	143	245	210	160	146	193	174	167	215		
POUNDS	LANDINGS	60982	38109	101172	39838	15846	16270	19001	12038	15096	36335		
	LB/TRIP	395.99	266.50	412.95	189.71	99.04	111.44	98.45	69.18	90.39	169.00	1	

SPECIES : SNAPPER, SILK COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
REC	INTERVIEWS	1	1	3	5		4		3	3	1		
	EST. TRIPS	125504	4963	4055	32269		2376		5515	756	521		
NUMBER	LANDINGS	286867	808	2270	10203		772		5760	1027	160		
	NUM/HOUR	2.29	0.80	0.78	0.32		0.33		1.04	1.36	0.31	1	

SPECIES : SNAPPER, VERMILION COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
COMM	TRIPS	550	282	397	373	607	815	730	565	624	612		
POUNDS	LANDINGS	282697	259580	301722	287005	365949	420373	358095	257028	268512	236328		
	LB/TRIP	77.76	182.84	186.84	217.48	170.69	243.07	199.36	168.52	147.77	94.05	3	- ***

SPECIES : SNAPPER, VERMILION COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
REC	INTERVIEWS	33	19	15	10	39	67	47	66	50	41		
	EST. TRIPS	432168	60850	66524	53977	78976	548164	230619	958667	171952	433567		
NUMBER	LANDINGS	383525	71860	133756	38113	139697	414455	173123	597617	136513	399087		
	NUM/HOUR	2.04	3.09	2.92	3.17	2.08	1.43	2.63	1.68	2.30	2.16	2	

SPECIES : SNAPPER, VERMILION COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
COMM	TRIPS	2282	1719	2441	2465	2133	2405	2258	2387	2622	2328		
POUNDS	LANDINGS	2477492	1237333	2236689	1508967	982721	1200257	777853	984768	1096418	977637		
	LB/TRIP	149.53	149.47	226.08	146.13	110.40	137.42	103.86	97.18	116.13	123.16	1	

SPECIES : SNAPPER, VERMILION COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
REC	INTERVIEWS	142	108	239	220	104	238	180	203	179	193		
	EST. TRIPS	241393	289897	476768	348846	462929	344569	549210	341203	664998	988773		
NUMBER	LANDINGS	687472	433873	974090	675278	1065112	913781	870726	929667	1394809	1727144		
	NUM/HOUR	3.45	1.71	2.36	2.51	2.97	3.58	2.01	3.46	2.87	2.46	2	

SPECIES : SNAPPER, YELLOWTAIL COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
COMM	TRIPS	857	703	756	903	666	757	537	601	401	298		
POUNDS	LANDINGS	160137	191557	210667	170213	113326	66351	40388	66843	51437	30226		
	LB/TRIP	21.79	27.97	29.21	24.40	20.29	22.54	20.11	21.39	27.40	24.20	1	

Significance levels: * - 0.10, ** - 0.05, *** - 0.01

SPECIES : SNAPPER, YELLOWTAIL COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS	72	60	61	84	110	126	166	102	58	103			
	EST. TRIPS	644542	395235	185925	254537	896718	843509	938153	423783	476712	822948			
NUMBER	LANDINGS	342153	278386	181000	228910	449548	1216340	614965	696412	405930	965827			
	NUM/HOUR	1.99	1.47	2.02	1.87	1.88	2.68	2.02	2.88	1.88	2.61	1		

SPECIES : SNAPPER, YELLOWTAIL COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	6122	5042	5023	4851	4786	5074	4990	5635	5300	4598			
POUNDS	LANDINGS	1814961	1502395	1682877	1937097	1947817	1984270	2164831	2259559	2780951	1957928			
	LB/TRIP	7.46	8.57	9.08	10.64	10.40	9.89	11.50	13.74	18.82	12.81	1		

SPECIES : SNAPPER, YELLOWTAIL COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS	72	113	113	145	155	226	198	176	169	167			
	EST. TRIPS	902689	1161706	1881310	2273299	2514986	2436492	1012278	971229	1536218	681955			
NUMBER	LANDINGS	583331	571147	438514	681996	1274082	690385	707075	828180	1144366	693221			
	NUM/HOUR	2.26	1.54	1.01	0.93	1.96	1.53	2.12	1.90	1.91	3.18	1		

SPECIES : SNAPPER, YELLOWTAIL COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	1314	1340	1339	1340	1340	1346	1364	1801	1799	1797			
Y-O-Y	PROP W/FIS	0.001	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0		

SPECIES : SNOOK COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS	499	354	241	264	344	413	520	401	477	395			
	EST. TRIPS	15234833	24504619	9450240	15555042	11875257	23157875	37444781	31323483	38471552	31904209			
NUMBER	LANDINGS	33307	2472	54167	8891	33628	50075	202786	96081	173786	32958			
	NUM/HOUR	0.07	0.04	0.07	0.05	0.08	0.11	0.10	0.08	0.08	0.08	2	-	**

SPECIES : SNOOK COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	260	260	260	260	260	260	260	260	260	260			
Y-O-Y	PROP W/FIS	0.004	0.004	0.008	0.000	0.000	0.004	0.004	0.008	0.008	0.000	1		

SPECIES : SNOOK COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	324	324	324	324	324	324	324	324	324	324			
LARGE	PROP W/FIS	0.459	0.263	0.181	0.190	0.216	0.225	0.320	0.357	0.346	0.368	1	+	*

SPECIES : SNOOK COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS	980	289	279	374	767	1285	1492	1668	1355	1171			
	EST. TRIPS	84709324	40087946	56389384	72122729	31900327	24680868	49437279	66335194	55969673	36981676			
NUMBER	LANDINGS	30853	0	1148	1005	38816	32637	36313	47611	66195	22531			
	NUM/HOUR	0.04	0.03	0.03	0.04	0.12	0.15	0.11	0.11	0.10	0.13	1		

SPECIES : SNOOK COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	1314	1340	1339	1340	1340	1346	1364	1801	1799	1797			
Y-O-Y	PROP W/FIS	0.004	0.003	0.001	0.005	0.010	0.005	0.003	0.010	0.011	0.007	1		

SPECIES : SNOOK COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	444	444	444	444	444	444	444	444	444	444			
LARGE	PROP W/FIS	0.325	0.203	0.244	0.350	0.441	0.430	0.510	0.502	0.561	0.548	2	+	**

SPECIES : SPOT COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	673	624	1139	1399	1129	1045	1461	1291	757	908			
POUNDS	LANDINGS	22057	13446	33889	36744	31248	16700	27969	82875	47304	68864			
	LB/TRIP	24.98	19.84	25.47	26.50	28.27	23.44	25.45	48.78	38.49	33.56	2		

Significance levels: * - 0.10, ** - 0.05, *** - 0.01

SPECIES : SPOT COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS	9	22	13	10	12	21	25	12	4	4			
	EST. TRIPS	215200	860518	414889	1675996	742565	2121150	1768234	430747	116490	1965250			
NUMBER	LANDINGS	244347	912677	1096887	590701	660760	3847994	3081786	203651	100975	895634			
	NUM/HOUR	2.85	1.70	7.44	2.48	1.52	3.60	2.54	3.48	1.55	0.73	2	-	*

SPECIES : SPOT COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	260	260	260	260	260	260	260	260	260	260			
Y-O-Y	PROP W/FIS	0.004	0.613	0.083	0.003	0.005	0.020	0.032	0.049	0.004	0.045	1		

SPECIES : SPOT COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	324	324	324	324	324	324	324	324	324	324			
LARGE	PROP W/FIS	0.036	0.110	0.445	0.103	0.037	0.057	0.090	0.055	0.010	0.050	2		

SPECIES : SPOT COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	168	176	286	409	390	266	282	335	244	162			
POUNDS	LANDINGS	5270	3131	2125	10524	137072	27173	24216	58107	11515	18404			
	LB/TRIP	13.68	15.14	12.77	14.61	16.14	13.89	9.78	11.84	8.29	11.90	1		

SPECIES : SPOT COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS		1	2	5	6	2	3	1					
	EST. TRIPS		1623	19510	14080	47296	168665	21166	518					
NUMBER	LANDINGS		5897	22984	56603	12508	211869	10414	0					
	NUM/HOUR		12.91	2.28	8.14	4.59	1.32	1.93	6.78			1		

SPECIES : SPOT COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	1314	1340	1339	1340	1340	1346	1364	1801	1799	1797			
Y-O-Y	PROP W/FIS	0.049	0.480	0.250	0.038	0.045	0.072	0.052	0.064	0.015	0.048	1		

SPECIES : SPOT COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	444	444	444	444	444	444	444	444	444	444			
LARGE	PROP W/FIS	0.024	0.116	0.181	0.124	0.045	0.025	0.017	0.030	0.018	0.021	1		

SPECIES : SWORDFISH COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	1073	1108	1145	1365	1091	936	824	639	542	775			
POUNDS	LANDINGS	838406	1027887	1066800	1342947	832945	767411	785335	643554	517469	790955			
	LB/TRIP	781.37	927.70	931.70	983.84	763.47	819.88	953.08	1007.13	954.74	1020.59	1		

SPECIES : SWORDFISH COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS	7	27	9	12	13	14	10	9	17	7			
	EST. TRIPS	0	467818	0	9339	0	76323	0	142330	0	0			
NUMBER	LANDINGS	0	2625	0	639	0	2483	0	5999	0	0			
	NUM/HOUR	0.00	0.01	0.00	0.07	0.00	0.04	0.00	0.06	0.00	0.00	1		

SPECIES : SWORDFISH COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	211	126	203	239	186	164	129	97	106	69			
POUNDS	LANDINGS	225771	124247	346181	438454	499413	278965	66184	63726	99735	47034			
	LB/TRIP	1070.01	986.09	1705.33	1834.54	2685.02	1701.01	513.05	656.97	940.90	681.65	1		

SPECIES : SWORDFISH COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS	1	2	1	7	7	7		5	6	5			
	EST. TRIPS	0	393	508	688	19573	72532		145795	0	955			
NUMBER	LANDINGS	3433	48	12	493	1398	320		18042	0	89			
	NUM/HOUR	0.00	0.25	0.13	0.77	0.07	0.07		0.18	0.00	0.90	1		

Significance levels: * - 0.10, ** - 0.05, *** - 0.01

SPECIES : TARPON COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	324	324	324	324	324	324	324	324	324	324			
LARGE	PROP W/FIS	0.007	0.003	0.000	0.000	0.006	0.015	0.015	0.008	0.004	0.008	2	-	*

SPECIES : TARPON COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS	307	480	463	455	369	619	568	364	305	262			
	EST. TRIPS	5369059	7341599	13124954	3514413	6624032	6588001	5854175	2619955	4272836	4809251			
NUMBER	LANDINGS	0	0	0	0	353	175	0	0	0	0			
	NUM/HOUR	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.04	0.02	0.04	1		

SPECIES : TARPON COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	444	444	444	444	444	444	444	444	444	444			
LARGE	PROP W/FIS	0.000	0.000	0.002	0.000	0.000	0.002	0.000	0.002	0.009	0.007	1		

SPECIES : TILAPIA COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	212	158	216	204	203	350	311	257	306	260			
POUNDS	LANDINGS	18083	17043	16036	21678	17446	54634	37226	13497	31354	24123			
	LB/TRIP	85.30	107.87	74.24	106.27	85.94	156.10	119.70	52.52	102.46	92.78	2		

SPECIES : TILAPIA COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	260	260	260	260	260	260	260	260	260	260			
Y-O-Y	PROP W/FIS	0.012	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.008	0.000	1		

SPECIES : TILAPIA COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	324	324	324	324	324	324	324	324	324	324			
LARGE	PROP W/FIS	0.006	0.000	0.000	0.003	0.003	0.000	0.000	0.000	0.000	0.006	0		

SPECIES : TILAPIA COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	344	468	241	380	428	472	304	502	438	359			
POUNDS	LANDINGS	107620	237649	71942	182877	197701	164916	111195	152781	106921	82903			
	LB/TRIP	312.85	507.80	298.51	481.25	461.92	349.40	365.77	304.35	244.11	230.93	3	-	**

SPECIES : TILAPIA COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	1314	1340	1339	1340	1340	1346	1364	1801	1799	1797			
Y-O-Y	PROP W/FIS	0.002	0.001	0.002	0.001	0.004	0.004	0.003	0.007	0.010	0.004	1		

SPECIES : TILAPIA COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	444	444	444	444	444	444	444	444	444	444			
LARGE	PROP W/FIS	0.000	0.005	0.005	0.002	0.007	0.007	0.000	0.016	0.011	0.016	1		

SPECIES : TILEFISHES COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	397	387	307	779	524	615	577	481	426	315			
POUNDS	LANDINGS	340016	371213	373488	532344	492667	572768	390379	384809	334149	212242			
	LB/TRIP	856.46	959.21	1216.57	683.37	940.20	931.33	676.57	800.02	784.39	673.78	2		

SPECIES : TILEFISHES COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS	15	15	20	20	27	21	27	32	14	19			
	EST. TRIPS	164571	71658	44444	45458	348511	177988	200748	112162	265534	53124			
NUMBER	LANDINGS	63590	13008	19129	36035	117865	21768	14147	22545	81626	17399			
	NUM/HOUR	0.76	0.41	0.88	1.62	0.64	0.53	0.50	0.52	0.53	1.24	0		

Significance levels: * - 0.10, ** - 0.05, *** - 0.01

SPECIES : TILEFISHES COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	463	299	223	451	431	633	592	510	612	657			
POUNDS	LANDINGS	488476	153043	196993	297662	263484	404939	391920	268955	326951	295646			
	LB/TRIP	1055.02	511.85	883.38	660.00	611.33	639.71	662.03	527.36	534.23	449.99	2	-	**

SPECIES : TILEFISHES COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS	4	5	1	8	2	12	21	10	7	21			
	EST. TRIPS	75550	16257	92	68606	290056	45805	230423	27720	3786	24262			
NUMBER	LANDINGS	10953	7245	23	17482	41437	19244	21998	14746	5471	34095			
	NUM/HOUR	0.34	0.45	0.25	0.30	0.14	0.52	0.72	0.56	1.84	1.44	2		

SPECIES : TRIGGERFISH COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	972	880	972	871	573	608	771	633	752	513			
POUNDS	LANDINGS	51655	103494	151274	91163	96883	95183	112270	109494	93924	77676			
	LB/TRIP	17.09	29.47	38.97	38.74	42.72	41.73	36.86	37.42	34.89	30.80	2	-	**

SPECIES : TRIGGERFISH COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS	109	108	74	106	158	212	159	155	96	107			
	EST. TRIPS	311293	179179	155165	160929	313318	390443	473316	1520027	654841	345143			
NUMBER	LANDINGS	257107	202826	159331	139124	243188	382782	218881	737745	434332	170476			
	NUM/HOUR	2.26	2.56	1.84	2.13	1.84	2.02	1.72	2.08	1.77	2.20	1		

SPECIES : TRIGGERFISH COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	324	324	324	324	324	324	324	324	324	324			
LARGE	PROP W/FIS	0.006	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0		

SPECIES : TRIGGERFISH COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	1750	1356	1886	1234	1419	1313	1364	1654	1607	1379			
POUNDS	LANDINGS	63005	45284	96887	69552	60362	37399	44812	53413	59843	63285			
	LB/TRIP	17.73	17.72	24.98	29.49	23.23	18.40	21.21	23.67	30.24	34.46	0	+	***

SPECIES : TRIGGERFISH COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS	134	139	234	214	117	188	129	265	175	199			
	EST. TRIPS	50621	237206	310372	372268	312830	268653	367955	589346	590216	789411			
NUMBER	LANDINGS	131172	246691	369841	188579	283296	162933	58910	198556	91843	120705			
	NUM/HOUR	7.44	3.12	2.43	2.35	3.22	2.87	4.59	3.24	4.98	2.25	2		

SPECIES : TRIGGERFISH COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	1314	1340	1339	1340	1340	1346	1364	1801	1799	1797			
Y-O-Y	PROP W/FIS	0.003	0.000	0.003	0.001	0.001	0.002	0.001	0.001	0.001	0.001	0		

SPECIES : TRIGGERFISH COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	444	444	444	444	444	444	444	444	444	444			
LARGE	PROP W/FIS	0.000	0.002	0.002	0.000	0.000	0.000	0.002	0.000	0.000	0.002	1		

SPECIES : TRIPLETAIL COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	191	196	171	235	321	399	245	157	185	165			
POUNDS	LANDINGS	7061	9341	6826	10326	14837	22219	10760	4266	5459	4735			
	LB/TRIP	13.58	22.60	13.73	14.63	16.43	18.94	14.85	9.95	11.17	10.85	2	-	*

SPECIES : TRIPLETAIL COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS	42	43	25	46	69	58	54	31	26	32			
	EST. TRIPS	91442	53371	52580	61259	66069	43898	158851	17241	50753	230139			
NUMBER	LANDINGS	44606	12902	25864	10493	34590	21353	50374	2863	9965	39992			
	NUM/HOUR	0.71	0.25	0.90	0.58	0.71	0.78	0.85	0.54	1.06	0.84	2		

Significance levels: * - 0.10, ** - 0.05, *** - 0.01

SPECIES : TRIPLETAIL COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	28	12	34	38	87	20	76	247	167	214			
POUNDS	LANDINGS	242	99	539	970	2102	280	896	9859	7970	4848			
	LB/TRIP	9.62	7.73	11.84	12.67	11.40	12.78	6.99	11.92	12.12	7.68	1		

SPECIES : TRIPLETAIL COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS	20	15	10	32	19	52	48	91	72	47			
	EST. TRIPS	199386	79735	64581	17426	383693	226581	210185	219153	640307	443744			
NUMBER	LANDINGS	6182	8289	12041	5943	29278	33638	41582	61842	72598	28567			
	NUM/HOUR	0.06	0.23	0.57	0.89	0.10	0.35	0.58	0.64	0.20	0.31	1		

SPECIES : TUNA, BIGEYE COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	191	277	259	304	273	281	219	124	133	103			
POUNDS	LANDINGS	260443	312451	368315	279773	271208	255530	265800	134965	148836	120725			
	LB/TRIP	1363.58	1127.98	1422.07	920.31	993.44	909.36	1213.70	1088.43	1119.07	1172.09	1		

SPECIES : TUNA, BIGEYE COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	9	4	4	8	13	11	8	11	27	6			
POUNDS	LANDINGS	2786	3672	3860	4918	9803	4983	2874	4086	4609	1486			
	LB/TRIP	309.56	918.00	965.00	614.75	754.08	453.00	359.25	371.45	170.70	247.67	1	-	*

SPECIES : TUNA, BLACKFIN COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	141	183	200	218	186	220	183	271	276	223			
POUNDS	LANDINGS	7323	7916	12608	8359	7631	10130	11992	20018	15026	10065			
	LB/TRIP	51.94	43.26	63.04	38.34	41.03	46.05	65.53	73.87	54.44	45.13	2		

SPECIES : TUNA, BLACKFIN COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS	47	57	49	101	57	94	74	111	84	94			
	EST. TRIPS	189912	567701	447637	320894	274766	411990	206938	477417	264872	317588			
NUMBER	LANDINGS	70575	110034	194583	97269	218105	103719	64461	113120	95874	189772			
	NUM/HOUR	0.45	0.22	0.52	0.38	0.85	0.34	0.34	0.28	0.41	0.77	1		

SPECIES : TUNA, BLACKFIN COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	187	114	157	291	204	216	264	240	294	317			
POUNDS	LANDINGS	12544	7727	14008	16024	13051	20798	27585	15715	18447	27997			
	LB/TRIP	67.08	67.78	89.22	55.06	63.98	96.29	104.49	65.48	62.74	88.32	2		

SPECIES : TUNA, BLACKFIN COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS	43	69	106	121	73	67	75	48	49	59			
	EST. TRIPS	42869	76022	29793	189536	132008	38836	188269	75879	138373	51362			
NUMBER	LANDINGS	33095	57757	28822	136782	87963	34275	78194	63908	91090	57143			
	NUM/HOUR	0.78	0.77	0.97	0.73	0.70	0.96	0.42	0.85	0.66	1.33	1		

SPECIES : TUNA, BLUEFIN COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	41	49	67	59	63	91	54	38	35	40			
POUNDS	LANDINGS	25707	27699	35915	35793	37746	48639	41475	34864	43740	66611			
	LB/TRIP	627.00	565.29	536.04	606.66	599.14	534.50	768.06	917.47	1249.71	1665.28	0	+	***

SPECIES : TUNA, BLUEFIN COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	4	14	10	11	5	9	3		6	1			
POUNDS	LANDINGS	2469	9498	6794	5245	2866	3740	1620		2625	353			
	LB/TRIP	617.25	678.43	679.40	476.82	573.20	415.56	540.00		437.50	353.00	2		

Significance levels: * - 0.10, ** - 0.05, *** - 0.01

SPECIES : TUNA, SKIPJACK COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
COMM	TRIPS	18	14	20	14	12	10	9	13	9	8		
POUNDS	LANDINGS	2223	1220	1262	677	408	199	409	1417	708	139		
	LB/TRIP	123.50	87.14	63.10	48.36	34.00	19.90	45.44	109.00	78.67	17.38	2	

SPECIES : TUNA, SKIPJACK COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
REC	INTERVIEWS	14	10	17	18	24	26	21	17	12	14		
	EST. TRIPS	104257	44625	38655	61230	68801	91946	63214	73932	22125	2913		
NUMBER	LANDINGS	30032	12807	18799	20555	62287	38576	19400	30768	9530	2569		
	NUM/HOUR	0.37	0.40	0.71	0.48	1.11	0.53	0.43	0.49	0.53	0.88	0	

SPECIES : TUNA, SKIPJACK COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
COMM	TRIPS	5	2	11	6	4				5	2		
POUNDS	LANDINGS	344	49	850	223	238				478	505		
	LB/TRIP	68.80	24.50	77.27	37.17	59.50				95.60	252.50	0	+ *

SPECIES : TUNA, SKIPJACK COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
REC	INTERVIEWS	12	14	33	8	19	12	13	22	9	14		
	EST. TRIPS	23936	15754	4924	44471	109538	4140	12148	10552	34328	5666		
NUMBER	LANDINGS	22435	11418	4262	629	34727	5704	8606	8623	28481	2638		
	NUM/HOUR	1.92	0.80	1.76	0.72	0.97	1.56	0.89	1.02	1.04	0.92	1	

SPECIES : TUNA, YELLOWFIN COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
COMM	TRIPS	209	262	267	309	283	271	188	135	144	106		
POUNDS	LANDINGS	208615	247174	138342	216040	298835	271925	170733	96784	144733	105857		
	LB/TRIP	998.16	943.41	518.13	699.16	1055.95	1003.41	908.15	716.92	1005.09	998.65	2	

SPECIES : TUNA, YELLOWFIN COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
REC	INTERVIEWS					4			4				
	EST. TRIPS					84896			95209				
NUMBER	LANDINGS					3537			7784				
	NUM/HOUR					0.04			0.13			1	

SPECIES : TUNA, YELLOWFIN COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
COMM	TRIPS	121	59	117	175	176	129	87	63	130	75		
POUNDS	LANDINGS	511446	224922	568487	740816	713244	522671	436613	377453	710648	353398		
	LB/TRIP	4226.83	3812.24	4858.86	4233.23	4052.52	4051.71	5018.54	5991.32	5466.52	4711.97	2	

SPECIES : TUNA, YELLOWFIN COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
REC	INTERVIEWS	1	2	2	1	2	11	1	1				
	EST. TRIPS	641	807	258	4492	2205	3002	927	6947				
NUMBER	LANDINGS	128	44	40	642	624	136	463	2977				
	NUM/HOUR	0.20	0.38	0.33	0.14	0.38	0.04	0.50	0.43			2	

SPECIES : TUNNY, LITTLE COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
COMM	TRIPS	5730	5912	5132	4905	4151	5079	4510	5292	5290	4240		
POUNDS	LANDINGS	319114	341661	360789	315610	300629	258985	228489	298460	269278	194990		
	LB/TRIP	55.69	57.79	70.30	64.34	72.42	50.99	50.66	56.40	50.90	45.99	2	

SPECIES : TUNNY, LITTLE COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
REC	INTERVIEWS	118	99	92	145	123	232	203	178	106	152		
	EST. TRIPS	3116621	1685549	2159250	1609122	1991601	2115453	2601840	2111267	1334971	1022873		
NUMBER	LANDINGS	241977	212332	350905	274300	501992	445608	515654	392845	338323	359726		
	NUM/HOUR	0.46	0.55	0.66	0.73	0.77	0.60	0.58	0.53	0.85	1.02	1	+ *

Significance levels: * - 0.10, ** - 0.05, *** - 0.01

SPECIES : TUNNY, LITTLE COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	349	357	535	614	512	393	545	643	882	608			
POUNDS	LANDINGS	238044	579539	47871	134270	88301	30403	189571	49367	108940	28209			
	LB/TRIP	682.07	1623.36	89.48	218.68	172.46	77.36	347.84	76.78	123.52	46.40	2		

SPECIES : TUNNY, LITTLE COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS	155	143	223	266	132	187	203	197	164	127			
	EST. TRIPS	381623	349950	574663	1174401	275025	299505	636202	493148	456550	125693			
NUMBER	LANDINGS	180247	111476	242275	509431	177706	164961	395513	213806	283533	173578			
	NUM/HOUR	1.08	0.96	1.04	0.81	1.31	1.43	1.02	0.94	1.26	2.33	1		

SPECIES : WAHOO COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	327	285	339	353	308	356	374	388	258	236			
POUNDS	LANDINGS	15030	16901	19029	19989	17252	20072	22520	24156	16543	15078			
	LB/TRIP	45.96	59.30	56.13	56.63	56.01	56.38	60.21	62.26	64.12	63.89	1	+	**

SPECIES : WAHOO COAST : ATLANTIC CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS	166	140	176	208	195	149	178	133	97	93			
	EST. TRIPS	588264	333115	454663	449309	380279	1178340	314438	1405587	464747	254834			
NUMBER	LANDINGS	38853	18820	16185	20086	12102	32192	32337	102359	35554	11318			
	NUM/HOUR	0.07	0.06	0.04	0.05	0.03	0.03	0.10	0.08	0.09	0.04	2		

SPECIES : WAHOO COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	381	201	307	424	348	294	276	232	243	170			
POUNDS	LANDINGS	30167	14879	35131	41577	37655	40977	28052	23876	33920	18526			
	LB/TRIP	79.18	74.03	114.43	98.06	108.20	139.38	101.64	102.91	139.59	108.98	1		

SPECIES : WAHOO COAST : GULF CATEGORY : FINFISH

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
REC	INTERVIEWS	49	24	41	69	51	40	59	47	31	21			
	EST. TRIPS	28055	5732	5417	31449	57414	94692	250519	118680	867818	1678			
NUMBER	LANDINGS	13511	6521	1931	14977	11612	10699	27125	15179	23562	2620			
	NUM/HOUR	0.49	1.14	0.62	0.48	0.20	0.15	0.11	0.14	0.03	1.56	1		

SPECIES : CLAMS, HARD COAST : ATLANTIC CATEGORY : INVERTEBRATES

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	3052	2867	2413	1175	432	524	410	299	82	18			
POUNDS	LANDINGS	49390	41083	36229	16597	6874	7885	7701	2823	373	107			
	LB/TRIP	22.80	21.33	20.88	18.27	14.29	20.96	24.95	13.41	6.43	8.73	2	-	*

SPECIES : CLAMS, HARD COAST : GULF CATEGORY : INVERTEBRATES

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	46	258	251	91	80	69	26	11	20	1			
POUNDS	LANDINGS	1268	14340	19089	6861	16196	8761	8624	674	6485	94			
	LB/TRIP	6.24	12.25	14.36	15.24	25.36	25.05	47.52	16.57	34.56	30.59	2		

SPECIES : CONCH (HELMET AND WHELKS) COAST : ATLANTIC CATEGORY : INVERTEBRATES

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	9	24	42	76	77	11	6	6					
POUNDS	LANDINGS	655	1003	5704	4524	5117	408	522	112					
	LB/TRIP	72.78	41.79	135.81	59.53	66.45	37.09	87.00	18.67			2		

SPECIES : CONCH (HELMET AND WHELKS) COAST : GULF CATEGORY : INVERTEBRATES

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	2	10	45	38		4	70	124	148	125			
POUNDS	LANDINGS	62	1737	1476	728		60	4795	6021	6119	6298			
	LB/TRIP	31.00	173.70	32.80	19.16		15.00	68.50	48.56	41.34	50.38	2		

Significance levels: * - 0.10, ** - 0.05, *** - 0.01

SPECIES : CRAB, BLUE COAST : ATLANTIC CATEGORY : INVERTEBRATES

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	11393	13374	14689	15753	14103	11115	11458	11626	11584	11208			
POUNDS	LANDINGS	1701523	2728497	3685650	3768614	2480797	1662973	1785195	1908322	2500946	1931243			
	LB/TRIP	134.96	181.99	207.97	205.96	156.10	138.22	140.46	160.83	200.67	170.26	1		

SPECIES : CRAB, BLUE COAST : ATLANTIC CATEGORY : INVERTEBRATES

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	260	260	260	260	260	260	260	260	260	260			
Y-O-Y	PROP W/FIS	0.000	0.008	0.000	0.004	0.015	0.012	0.000	0.008	0.012	0.008	1		

SPECIES : CRAB, BLUE COAST : ATLANTIC CATEGORY : INVERTEBRATES

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	324	324	324	324	324	324	324	324	324	324			
LARGE	PROP W/FIS	0.006	0.015	0.066	0.015	0.018	0.035	0.019	0.048	0.031	0.050	1		

SPECIES : CRAB, BLUE COAST : GULF CATEGORY : INVERTEBRATES

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	16075	21353	21609	19143	20050	19020	20464	19421	18238	18844			
POUNDS	LANDINGS	3371213	5800583	6903304	4442948	4631866	4461214	4876439	3864283	4411360	5351436			
	LB/TRIP	181.09	238.55	264.31	215.87	207.21	196.90	208.58	187.63	213.22	231.17	1		

SPECIES : CRAB, BLUE COAST : GULF CATEGORY : INVERTEBRATES

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	1314	1340	1339	1340	1340	1346	1364	1801	1799	1797			
Y-O-Y	PROP W/FIS	0.013	0.004	0.001	0.002	0.006	0.008	0.006	0.007	0.002	0.002	1	-	**

SPECIES : CRAB, BLUE COAST : GULF CATEGORY : INVERTEBRATES

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	444	444	444	444	444	444	444	444	444	444			
LARGE	PROP W/FIS	0.028	0.024	0.036	0.028	0.043	0.030	0.020	0.019	0.026	0.023	2		

SPECIES : CRAB, STONE COAST : ATLANTIC CATEGORY : INVERTEBRATES

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	924	1041	1392	1308	2017	1974	1737	1358	1360	1470			
POUNDS	LANDINGS	35040	51288	58651	43033	50137	56513	57388	46356	41429	43949			
	LB/TRIP	31.83	36.66	35.77	29.64	34.20	41.79	40.47	36.50	33.65	31.37	3	-	***

SPECIES : CRAB, STONE COAST : ATLANTIC CATEGORY : INVERTEBRATES

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	260	260	260	260	260	260	260	260	260	260			
Y-O-Y	PROP W/FIS	0.000	0.000	0.004	0.000	0.004	0.000	0.004	0.000	0.004	0.000	2		

SPECIES : CRAB, STONE COAST : ATLANTIC CATEGORY : INVERTEBRATES

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	324	324	324	324	324	324	324	324	324	324			
LARGE	PROP W/FIS	0.000	0.000	0.015	0.003	0.003	0.012	0.012	0.003	0.009	0.012	1		

SPECIES : CRAB, STONE COAST : GULF CATEGORY : INVERTEBRATES

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	17202	19059	20208	21448	20103	19845	21557	20393	19141	18499			
POUNDS	LANDINGS	2690853	2550888	2730027	2667588	1884294	1948189	2764197	3013155	2513058	2115009			
	LB/TRIP	91.37	80.70	80.78	78.12	59.01	58.21	75.80	93.91	82.31	65.23	2		

SPECIES : CRAB, STONE COAST : GULF CATEGORY : INVERTEBRATES

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	1314	1340	1339	1340	1340	1346	1364	1801	1799	1797			
Y-O-Y	PROP W/FIS	0.014	0.014	0.019	0.013	0.012	0.012	0.012	0.009	0.009	0.006	2	-	**

SPECIES : CRAB, STONE COAST : GULF CATEGORY : INVERTEBRATES

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	444	444	444	444	444	444	444	444	444	444			
LARGE	PROP W/FIS	0.007	0.007	0.007	0.002	0.002	0.000	0.000	0.000	0.002	0.005	0	+	*

Significance levels: * - 0.10, ** - 0.05, *** - 0.01

SPECIES : LOBSTER, SPANISH COAST : ATLANTIC CATEGORY : INVERTEBRATES

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
COMM	TRIPS	6	20	15	15	11	11	14	24	19	13		
POUNDS	LANDINGS	133	972	457	97	239	172	629	131	213	145		
	LB/TRIP	22.17	48.60	30.47	6.47	21.73	15.64	44.93	5.46	11.21	11.15	2	

SPECIES : LOBSTER, SPANISH COAST : GULF CATEGORY : INVERTEBRATES

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
COMM	TRIPS	17	29	27	30	44	46	13	14	12	13		
POUNDS	LANDINGS	827	1441	1469	1238	1054	612	264	577	1295	173		
	LB/TRIP	48.65	49.69	54.41	41.27	23.95	13.30	20.31	41.21	107.92	13.31	1	

SPECIES : LOBSTER, SPINY COAST : ATLANTIC CATEGORY : INVERTEBRATES

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
COMM	TRIPS	2102	2418	2505	2254	2662	2724	2696	2390	1932	2401		
POUNDS	LANDINGS	297896	480146	513798	337037	485764	542636	480595	394012	255600	506433		
	LB/TRIP	62.77	90.25	86.94	71.44	86.14	95.61	99.93	88.29	72.46	116.94	2	

SPECIES : LOBSTER, SPINY COAST : GULF CATEGORY : INVERTEBRATES

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
COMM	TRIPS	12239	14629	17423	15293	20013	21136	19282	18270	14140	17583		
POUNDS	LANDINGS	3959180	5284565	5301220	3769627	5608450	5039975	5449824	5014510	3620754	5623443		
	LB/TRIP	74.29	91.94	88.62	75.61	89.92	83.00	91.60	94.34	87.21	102.92	1	

SPECIES : OCTOPUS COAST : ATLANTIC CATEGORY : INVERTEBRATES

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
COMM	TRIPS	32	18	43	5	21	9	8		5			
POUNDS	LANDINGS	4013	714	7405	54	271	142	56		103			
	LB/TRIP	125.41	39.67	172.21	10.80	12.90	15.78	7.00		20.60		2	

SPECIES : OCTOPUS COAST : GULF CATEGORY : INVERTEBRATES

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
COMM	TRIPS	265	429	480	914	782	350	206	374	224	186		
POUNDS	LANDINGS	13331	22946	23326	72100	73778	47437	16411	15147	14899	6189		
	LB/TRIP	50.31	53.49	48.60	78.88	94.34	135.53	79.67	40.50	66.51	33.27	2	- *

SPECIES : OYSTERS COAST : ATLANTIC CATEGORY : INVERTEBRATES

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
COMM	TRIPS	893	1030	1219	1554	1288	1525	1532	1056	1111	1179		
POUNDS	LANDINGS	40553	47032	69503	76467	45801	58289	57548	50694	45586	39048		
	LB/TRIP	33.80	34.82	44.38	39.23	29.75	32.40	30.08	34.41	32.02	26.78	2	

SPECIES : OYSTERS COAST : GULF CATEGORY : INVERTEBRATES

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
COMM	TRIPS	42093	35073	50147	57808	29650	21888	24617	25017	23583	11212		
POUNDS	LANDINGS	2874959	2163472	3109906	3332661	1298342	757007	843899	852920	785664	518085		
	LB/TRIP	85.92	78.85	80.55	71.82	49.26	42.05	39.46	35.72	31.51	39.01	2	

SPECIES : SCALLOPS, CALICO COAST : GULF CATEGORY : INVERTEBRATES

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
COMM	TRIPS	1				1							
POUNDS	LANDINGS	1211				11200							
	LB/TRIP	1211.00				11200.00						0	

SPECIES : SPONGE (PIECES) COAST : ATLANTIC CATEGORY : INVERTEBRATES

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
COMM	TRIPS	18	18	33	34	26	18	4			1		
POUNDS	LANDINGS	60835	35812	95265	91212	65502	38254	7084			4746		
	LB/TRIP	3379.72	1989.56	2886.82	2682.71	2519.31	2125.22	1771.00			4746.00	1	

SPECIES : SPONGE (PIECES) COAST : GULF CATEGORY : INVERTEBRATES

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
COMM	TRIPS	318	420	222	237	349	425	375	333	282	220		
POUNDS	LANDINGS	208910	227974	103683	133358	239011	337223	316454	309467	266225	214662		
	LB/TRIP	656.95	542.79	467.04	562.69	684.85	793.47	843.88	929.33	944.06	975.74	0	+ ***

Significance levels: * - 0.10, ** - 0.05, *** - 0.01

SPECIES : SQUID COAST : ATLANTIC CATEGORY : INVERTEBRATES

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	177	127	122	90	181	116	142	164	147	60			
POUNDS	LANDINGS	13695	8499	9828	22337	69153	29740	18489	226512	146307	53174			
	LB/TRIP	77.37	66.92	80.56	248.19	382.06	256.38	130.20	1381.17	995.29	886.23	2		

SPECIES : SQUID COAST : GULF CATEGORY : INVERTEBRATES

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	170	173	297	161	169	197	275	238	248	240			
POUNDS	LANDINGS	38063	32970	77907	18368	63696	44693	35594	53876	29069	21587			
	LB/TRIP	223.90	190.58	262.31	114.09	376.90	226.87	129.43	226.37	117.21	89.95	2		

SPECIES : SHRIMP, BROWN COAST : ATLANTIC CATEGORY : FOOD SHRIMP

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	434	549	659	489	515	410	443	254	216	283			
POUNDS	LANDINGS	701369	1081522	1874127	908997	850558	597946	1165669	327617	330761	791244			
	LB/TRIP	631.75	698.36	1037.64	557.32	501.73	396.19	674.26	352.11	358.64	473.40	1		

SPECIES : SHRIMP, BROWN COAST : ATLANTIC CATEGORY : FOOD SHRIMP

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	260	260	260	260	260	260	260	260	260	260			
Y-O-Y	PROP W/FIS	0.012	0.015	0.042	0.000	0.012	0.004	0.023	0.035	0.008	0.038	1		

SPECIES : SHRIMP, BROWN COAST : GULF CATEGORY : FOOD SHRIMP

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	904	723	853	723	779	801	946	770	717	555			
POUNDS	LANDINGS	1646672	994181	1067814	976588	1267694	866627	1393258	918949	669435	566233			
	LB/TRIP	359.52	330.98	409.47	480.52	358.13	292.66	389.11	295.90	295.41	281.23	3		

SPECIES : SHRIMP, PINK COAST : ATLANTIC CATEGORY : FOOD SHRIMP

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	485	1317	479	1122	216	329	394	285	296	260			
POUNDS	LANDINGS	269970	1229894	331941	687126	184541	393294	505993	256107	576501	477321			
	LB/TRIP	729.17	1061.14	751.08	601.17	584.66	688.33	927.38	716.91	1769.06	1287.68	2		

SPECIES : SHRIMP, PINK COAST : ATLANTIC CATEGORY : FOOD SHRIMP

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	260	260	260	260	260	260	260	260	260	260			
Y-O-Y	PROP W/FIS	0.013	0.003	0.035	0.024	0.011	0.013	0.005	0.019	0.016	0.003	2		

SPECIES : SHRIMP, PINK COAST : GULF CATEGORY : FOOD SHRIMP

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	1181	1227	888	836	851	1121	1238	1349	1515	1410			
POUNDS	LANDINGS	5563296	7670505	6421701	4800221	5266504	7943505	6902979	6780797	12516100	11827724			
	LB/TRIP	678.78	646.20	683.83	622.49	676.59	614.00	855.82	903.19	1170.74	1156.02	1	+	**

SPECIES : SHRIMP, PINK COAST : GULF CATEGORY : FOOD SHRIMP

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
FIM	NUM SETS	1314	1340	1339	1340	1340	1346	1364	1801	1799	1797			
Y-O-Y	PROP W/FIS	0.409	0.448	0.490	0.396	0.424	0.487	0.491	0.451	0.415	0.337	3	-	**

SPECIES : SHRIMP, ROCK COAST : ATLANTIC CATEGORY : FOOD SHRIMP

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	111	45	42	37	59	35	56	32	69	28			
POUNDS	LANDINGS	3853240	1382142	1260308	238649	740806	380012	1065446	285646	2768126	928140			
	LB/TRIP	14655.37	10618.28	6589.67	757.01	2491.98	2027.30	3587.31	4598.41	16033.30	5591.59	1		

SPECIES : SHRIMP, ROCK COAST : GULF CATEGORY : FOOD SHRIMP

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR	DN	SIG
COMM	TRIPS	252	254	416	153	299	417	326	306	247	192			
POUNDS	LANDINGS	238258	458216	1532032	41826	324585	527422	383618	353730	263632	135054			
	LB/TRIP	465.34	578.65	1089.59	146.09	502.14	732.08	655.57	356.26	512.96	449.88	2		

Significance levels: * - 0.10, ** - 0.05, *** - 0.01

SPECIES : SHRIMP, WHITE COAST : ATLANTIC CATEGORY : FOOD SHRIMP

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
COMM	TRIPS	2619	2444	2523	2498	1650	1965	1590	1703	1463	1467		
POUNDS	LANDINGS	3296463	4226150	6094158	6025938	2145683	3499360	3647629	4791847	4570056	2358570		
	LB/TRIP	564.23	677.70	729.61	797.33	458.86	650.34	669.08	749.45	789.12	621.93	1	

SPECIES : SHRIMP, WHITE COAST : ATLANTIC CATEGORY : FOOD SHRIMP

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
FIM	NUM SETS	260	260	260	260	260	260	260	260	260	260		
Y-O-Y	PROP W/FIS	0.042	0.038	0.031	0.008	0.042	0.012	0.035	0.081	0.035	0.023	2	

SPECIES : SHRIMP, WHITE COAST : GULF CATEGORY : FOOD SHRIMP

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
COMM	TRIPS	419	560	603	389	629	250	865	1014	456	523		
POUNDS	LANDINGS	372430	452315	391058	372873	637172	171324	950188	977297	308461	287316		
	LB/TRIP	288.54	279.34	238.74	175.87	292.15	157.75	328.16	275.39	181.69	165.98	3	

SPECIES : SHRIMP, BAIT COAST : ATLANTIC CATEGORY : BAIT SHRIMP

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
COMM	TRIPS	3498	4075	3819	3031	2132	2679	3747	3888	2906	2353		
POUNDS	LANDINGS	254915	294227	330923	240406	179897	206528	332705	381418	323875	192166		
	LB/TRIP	49.92	49.51	59.09	52.04	54.73	52.38	58.64	68.57	65.34	55.83	2	

SPECIES : SHRIMP, BAIT COAST : GULF CATEGORY : BAIT SHRIMP

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
COMM	TRIPS	15048	12755	13260	13920	13833	13858	14706	13335	12597	11914		
POUNDS	LANDINGS	1611744	1264976	1272575	1423598	1571146	1742157	1885590	1514103	1478289	1378293		
	LB/TRIP	61.34	59.14	62.41	62.01	66.01	70.49	74.08	70.37	74.07	72.28	2	

SPECIES : LIONFISH COAST : ATLANTIC CATEGORY : MARINE LIFE

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
REC	INTERVIEWS	1		2	4	10	30	16	16	9	6		
	EST. TRIPS	8135		2368	2758	10799	69956	108410	89879	28827	5829		
NUMBER	LANDINGS	1156		16737	9287	30847	277821	307671	199555	49931	125959		
	NUM/HOUR	0.14		7.07	3.37	2.86	3.99	2.84	2.22	1.77	21.73	2	

SPECIES : LIONFISH COAST : GULF CATEGORY : MARINE LIFE

SOURCE		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	#YR DN	SIG
REC	INTERVIEWS			1	1	8	19	15	25	24	10		
	EST. TRIPS			585	50774	23959	30964	6386	38704	174328	6799		
NUMBER	LANDINGS			1361	110926	104540	83713	20487	134004	633721	35275		
	NUM/HOUR			2.33	2.33	4.42	2.70	3.21	3.59	3.65	5.19	0	+ **

Significance levels: * - 0.10, ** - 0.05, *** - 0.01