

**TRENDS IN FINFISH LANDINGS OF SPORT-BOAT ANGLERS
IN TEXAS MARINE WATERS, MAY 1974 – MAY 2003**

by

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ABSTRACT

Texas Parks and Wildlife Department personnel have interviewed private-boat anglers at boat-access sites along the Texas coast since May 1974. Party-boat anglers have been interviewed since May 1983. Over 26,200 private-boat and almost 3,300 party-boat anglers were interviewed during the 2002-03 survey year (15 May 2002 to 14 May 2003). Sport-boat (private-boat and party-boat combined) anglers expended an estimated 6.6 million man-h (fishing effort) in 2002-03 to land an estimated 2.1 million fish.

Private-boat anglers in bays and passes accounted for about 78% of the fishing effort and about 67% of the landings in 2002-03. More spotted seatrout (Cynoscion nebulosus) (42%) were landed than any other species. Large numbers of red drum (Sciaenops ocellatus) (12%) and sand seatrout (Cynoscion arenarius) (9%) were also landed.

Party-boat anglers in bays and passes accounted for about 14% of the fishing effort and about 25% of the landings in 2002-03. Spotted seatrout (73%) dominated the landings, followed by red drum (17%).

Private-boat anglers in the Texas Territorial Sea (TTS) accounted for about 3% of the fishing effort and about 3% of the landings in 2002-03. Spotted seatrout (32%), red snapper (Lutjanus campechanus) (17%), king mackerel (Scomberomorus cavalla) (6%), and sand seatrout (6%) were landed most often.

Party-boat anglers in the TTS accounted for less than 1% of the fishing effort and less than 1% of the landings in 2002-03. Spotted seatrout (58%) comprised most of the landings, followed by Spanish mackerel (Scomberomorus maculatus) (10%) and king mackerel (9%).

Private-boat anglers in the United States Exclusive Economic Zone (EEZ) accounted for about 4% of the fishing effort and about 3% of the landings in 2002-03. Red snapper (49%) and king mackerel (12%) were landed most often.

Party-boat anglers in the EEZ accounted for about 1% of the fishing effort and about 1% of the landings in 2002-03. Red snapper (61%) was landed most often, followed by king mackerel (11%) and greater amberjack (Seriola dumerili) (5%).

Most (59%) private-boat anglers resided in counties immediately adjacent to the bay system or gulf area fished in 2002-03. More party-boat anglers resided in non-coastal counties (41%) than in counties immediately adjacent to the bay system or gulf area fished (35%).

Most (70%) bay and pass private-boat and party-boat anglers sought spotted seatrout and/or red drum in 2002-03; 18% sought no particular species. TTS private-boat and party-boat anglers primarily sought king mackerel and/or red snapper (34%) or spotted seatrout and/or red drum (32%); 21% sought no particular species. Most (63%) EEZ private-boat and party-boat anglers sought king mackerel and/or red snapper; 20% sought no particular species.

When queried using a 0-10 scale with 0 being the least and 10 the most, private-boat (5.8) party-boat (8.1) anglers expressed all-time high levels of mean trip satisfaction in 2002-03.

INTRODUCTION

Marine sport-boat fishing is an economically and biologically important fishery along the Texas coast. Accurate information collected on an on-going basis is needed to effectively manage this popular fishery.

The first attempt to determine the amount of fish taken annually by sport anglers in Texas coastal waters using personal interviews was conducted in 1957-58 (Beldon Associates 1958). Systematic interviews of a statewide sample of 2,000 households were used to estimate the harvest of spotted seatrout (*Cynoscion nebulosus*), red drum (*Sciaenops ocellatus*), black drum (*Pogonias cromis*), and flounder (*Paralichthys* sp.). The study was repeated in 1959-60 for comparison with previous findings (Beldon Associates 1960).

On-site trip-ending interviews of sport-boat anglers were attempted by Simmons (1961) at one site in upper Laguna Madre bay system during August 1959 through July 1960, by Stevens (1963) at one site in San Antonio Bay system during June 1962 through August 1962, and by More (1965) at three sites in Galveston Bay system during June 1963 through June 1964. Each attempt encountered a variety of problems including difficulty estimating overall fishing effort and landings from collected data.

More detailed methods were used by Bowman et al. (1976) in an attempt to estimate total fish yield from the Corpus Christi Bay area. On-site trip-ending interviews of sport anglers were conducted at multiple boat-access and shore-based sites during June through August 1974.

Based in part on these early attempts, Heffernan et al. (1976) and Breuer et al. (1977) initiated the survey that is the subject of this report. On-site trip-ending interviews of sport anglers were conducted at multiple boat-ramp sites in the Galveston, San Antonio, Aransas, and upper Laguna Madre bay systems during September 1974 through August 1975; and in the Sabine Lake, Matagorda, Corpus Christi, and lower Laguna Madre bay systems during September 1975 through August 1976 (Heffernan and Green 1977).

Several aspects of the survey were modified during the next eight years to enhance survey efficiency and to increase accuracy and precision of collected data (Green et al. 1978; McEachron 1980a, 1980b; McEachron and Green 1982, 1983, 1984; Osburn and Ferguson 1985, 1986). Osburn and Osborn (1991) described these modifications and explained efforts to ensure comparability of data collected during these years. The survey proceeded with few changes during subsequent years (Osburn and Ferguson 1987; Osburn et al. 1988; Maddux et al. 1989; Green et al. 1991a, 1991b; Campbell et al. 1991; Weixelman et al. 1992; Warren et al. 1994; Green et al. 2002).

The primary objectives of this study were to estimate daytime annual fishing pressure (effort in man-hours), landings (number of fish harvested), catch rates (harvest per unit effort as an indicator of resource availability or fishing success), species compositions, and size compositions (mean lengths and mean weights of fish harvested) for sport-boat anglers on trips lasting 12 h or less in Texas marine waters. The secondary objectives were to summarize the residential origin, species sought, and trip satisfaction of these sport-boat anglers and to assemble

supporting information to aid in interpretation of study results. The tertiary objectives were to estimate daytime annual fishing pressure, landings, and catch rates for bay and pass private-boat anglers on trips lasting more than 12 h, and to summarize their residential origin.

For sport-boat trips lasting 12 h or less, this report includes previously published estimates for the 1974-76 through 1997-98 survey years (Green et al. 2002), first-time publication of estimates for the 1998-99 through 2002-03 survey years, and first-time publication of species sought and trip satisfaction data for the 1989-90 through 2002-03 survey years. This report also includes first-time publication of supplementary estimates from bay and pass private-boat trips lasting more than 12 h for the 1983-84 through 2002-03 survey years.

MATERIALS AND METHODS

Procedures used to collect data summarized in this report changed over time. A developmental process occurred in which changes and refinements were incorporated to improve the survey. Major changes to the survey on 15 May 1983 remained in affect through 14 May 2003. Refinements were added to the survey on 15 May 1992, and procedures detailed in this report apply to this date and beyond.

The primary focus of the Texas Marine Sport-Harvest Monitoring Program was private-boat bay and pass fishing. Private-boat gulf fishing, party-boat bay and pass fishing, and party-boat gulf fishing also were surveyed.

Survey Attributes

Target Population

The target population for the survey consisted of sport-boat angling parties with trip lengths of 12 h or less that ended their fishing trips from 1000 to 1800 hours at inventoried boat-access sites. These angling parties were divided into two groups: private-boat parties (i.e., those using privately-owned and rental boats, as well as those fishing in tournaments) and party-boat parties (i.e., those using a professional fishing guide and had ten or fewer people).

Spatial Dimensions

Texas marine waters were divided into two primary areas for the survey: bay and pass (i.e., marine waters shoreward of barrier islands, including the openings or passes that connect bays with the Gulf of Mexico) and gulf (i.e., Gulf of Mexico waters). Pass areas were defined as extending 1.9 km gulfward from the gulfward end of the pass.

Bay and pass areas were divided geographically into eight bay systems: Sabine Lake, Galveston Bay, Matagorda Bay (including East Matagorda Bay), San Antonio Bay, Aransas Bay, Corpus Christi Bay, upper Laguna Madre, and lower Laguna Madre (Figure 1). Except for 1975-76, Sabine Lake was not included in the survey until 15 May 1987.

Gulf areas were divided into five geographic areas based on proximity of access. These included gulf waters off Sabine Lake; Galveston Bay; Matagorda and San Antonio Bays; Aransas and Corpus Christi Bays, and upper Laguna Madre; and lower Laguna Madre. Each of these areas was further divided into two areas based on governmental jurisdiction: Texas Territorial Sea (TTS) (i.e., Gulf of Mexico waters from the surf line to 16.7 km offshore, excluding the 1.9-km area around the gulfward end of passes) and United States Exclusive Economic Zone (EEZ) (i.e., Gulf of Mexico waters off Texas beyond 16.7 km offshore).

Temporal Dimensions

Surveys were conducted year-round. A survey year extended from 15 May of one year to 14 May of next year. Each survey year was divided into a high-use season and a low-use season based on distribution of fishing effort. The high-use season extended from 15 May to 20 November of one year. The low-use season extended from 21 November of one year to 14 May of the next year. Each season was further divided into weekend days (Saturday and Sunday) and weekdays (Monday through Friday).

Number of Surveys

The targeted level of precision for the survey from 15 May 1983 forward was based on survey data collected prior to that date. Sample sizes were set to detect a 50% difference in fishing pressure and landings estimates, 80% of the time, at the 95% confidence level. This level of sampling was expected to produce coefficients of variation around 10% for coastwide fishing pressure and landings.

Since 15 May 1983, 1,014 routine surveys were scheduled annually to estimate bay and pass fishing pressure and landings. In high-use season, 26 weekend and 46 weekday surveys were scheduled for Sabine Lake and San Antonio bay systems, and 31 weekend and 66 weekday surveys were scheduled for the other six bay systems. In low-use season, 12 weekend and 24 weekday surveys were scheduled for all bay systems.

About 36 "gulf-only" surveys were scheduled each high-use season to supplement routine surveys for estimation of gulf fishing pressure and landings. These surveys were initiated on 15 May 1992, and their distribution was variable between weekend days and weekdays. During gulf-only surveys, only sport-boat gulf fishing parties were interviewed in full; other boating parties were given abbreviated interviews. Gulf-only surveys were conducted only at sites known to have sport-boat gulf fishing activity.

Target Species

All landed species were enumerated during surveys. Target species for estimation of landings and catch rates were selected for their historical, current, or anticipated importance, and differed between bay and pass, and gulf areas.

Bay and pass estimates were determined for ten species or species groups: Atlantic croaker (Micropogonias undulatus), black drum, gafftopsail catfish (Bagre marinus), red drum,

sand seatrout (*Cynoscion arenarius*), sheepshead (*Archosargus probatocephalus*), southern flounder (*Paralichthys lethostigma*), spotted seatrout, “other” species (all remaining species), and all species combined.

Gulf estimates were determined for twenty species or species groups: Atlantic croaker, Atlantic sharpnose shark (*Rhizoprionodon terraenovae*), Atlantic spadefish (*Chaetodipterus faber*), black drum, blacktip shark (*Carcharhinus limbatus*), cobia (*Rachycentron canadum*), dolphin (*Coryphaena hippurus*), gray triggerfish (*Balistes capriscus*), greater amberjack (*Seriola dumerili*), king mackerel (*Scomberomorus cavalla*), lane snapper (*Lutjanus synagris*), little tunny (*Euthynnus alletteratus*), red drum, red snapper (*Lutjanus campechanus*), sand seatrout, Spanish mackerel (*Scomberomorus maculatus*), spotted seatrout, vermilion snapper (*Rhomboplites aurorubens*), “other” species (all remaining species), and all species combined.

Survey Site Inventory

The sampling frame consisted of inventoried boat-access sites. Sites were uniquely numbered in each bay system, and included boat ramps and wet-slip sites accessible to the general public and survey personnel. Boating facilities at private residences were not included.

The site inventory was updated biannually to reflect opening of new sites, closing of old sites, and reopening of closed sites. The numbering system for sites was revised effective 15 May 1983 when wet-slip sites (Spiller 1987) were added and site numbers were reassigned. There were 273 active sites in both the 2002 high-use and 2002-03 low-use seasons (Appendix A.1). Of these, 41 were considered active gulf sites in the 2002 high-use season and 19 in the 2002-03 low-use season.

Survey Site Roving Counts

Roving counts of inventoried boat-access sites were conducted to determine the number of boating parties using each site. Since 15 May 1983, 128 roving counts were conducted annually.

Roving counts were conducted in each bay system by driving from site to site and counting empty boat trailers and empty wet slips. Wet-slip counts were adjusted based on number of non-rented slips at or near time of rove. These counts occurred during a 4.5-h period from 0800 to 1230 hours on weekends and weekdays during high-use and low-use seasons.

Roving counts were conducted on “good-weather” days to maximize counts and to obtain a better definition of differences among sites. In high-use season, a good-weather day was when Small Craft Advisories were not in effect. In low-use season, a good-weather day was determined based on a nomograph (Spiller et al. 1988) consisting of air temperature, wind speed, and precipitation measured at 0800 hours on day of rove.

Ten roving counts were done in each bay system during high-use season. One weekend rove and one weekday rove were conducted during each of the following five periods: 15 May-30 June, 1-31 July, 1-31 August, 1-30 September, and 1 October-20 November. For weekend

roves, two must have been conducted on Saturdays and two must have been conducted on Sundays.

Six roving counts were done in each bay system during low-use season. One weekend rove and one weekday rove were conducted during each of the following three periods: 21 November-31 January, 1 February-31 March, and 1 April-14 May. For weekend roves, one must have been conducted on Saturday and one must have been conducted on Sunday.

Survey Site Relative Fishing Pressures

Bays and Passes

Prior to each season, two relative fishing pressure files were created for each bay system, one for weekends and one for weekdays. This resulted in 32 bay and pass pressure files coastwide each year. Pressure files were used in the selection of boat-access sites to be surveyed.

For each season, roving counts for each site from the previous three years were averaged for each day type; counts from the most recent year were weighted 50% and counts from the other two years were weighted 25% each. For each day type, the average count at a given site was adjusted for target-area, bay and pass, private-boat fishing activity and for boat-trailer parking location based on survey data collected at that site during the previous three years. For sites in each bay system with less than ten interviews during the previous three years, a single generic adjustment was created for each day type by pooling the survey data from all such sites in the bay system. Adjustment for boat-trailer parking location accounted for trip-ending parties at each site that would not have had an empty boat trailer or empty wet slip available for counting during a rove.

For each day type in each season, the adjusted average count for each site was divided by the sum of the adjusted average counts from all sites in that bay system to produce a relative fishing pressure value for each site. This value represented the proportion of the total bay system fishing pressure occurring at that site.

Gulf Areas

Prior to each high-use season, weekend and weekday gulf pressure files were created for each of the five gulf areas. Ten separate pressure files were produced. These were used in the selection of boat-access sites for supplemental gulf-only surveys.

Roving counts were averaged and adjusted in the same manner as described for bays and passes with the following exceptions. TTS and EEZ interview data from routine and gulf-only surveys were pooled to adjust roving counts for each of the five gulf areas. Since there were much fewer gulf than bay and pass interviews, more than three previous years of interview data were used to adjust roving counts for target-area gulf fishing (six previous years for the gulf off Galveston Bay and four previous years for the gulf off the other four areas). Many of the inventoried boat-access sites had little or no gulf fishing activity. These sites were eliminated

from the gulf pressure files based on four threshold values applied to adjusted rove counts. If the adjusted rove count fell below 1.0 on high-use weekends, 0.3 on high-use weekdays, 0.2 on low-use weekends, or 0.1 on low-use weekdays, then the site was dropped from the gulf pressure file for that season and day-type combination. Adjusted rove counts from dropped sites were pooled and retained for each pressure file.

Survey Site Selection and Survey Scheduling

Prior to each season a sampling schedule was generated for each day type in each bay system based on the relative fishing pressure files. The selection process was divided into 30-day intervals to ensure even distribution of surveys throughout the season.

Proportional random sampling (with replacement) was used to select survey sites for each bay system. Sites were selected in proportion to their relative fishing pressure values and thus had an unequal chance of being selected (e.g., a site with 5% of a bay system's fishing pressure would receive about 5% of the scheduled surveys). To reduce the number of survey days with no interviews conducted, a site was not included for selection if its adjusted rove count was below 3.0 on weekends or 1.0 on weekdays (no rounding up), or if its ideal number of surveys (product of total number surveys to be conducted by day type and relative pressure of site by day type) did not round up to or exceed one survey. The most inclusive of the two thresholds was applied.

Semi-random sampling (without replacement) was used to select a set number of weekend and weekday survey dates for each 30-day interval. An effort was made to balance the number of surveys among days of the week within each day type. These measures allowed sampling effort to be evenly distributed across seasons and day types. Weekly workload constraints were also considered.

To reduce the number of surveys conducted at "crossover" sites, the bay and pass schedule was adjusted to maximize the number of "double" surveys conducted at these sites. A site located in one bay system was designated as a crossover site for an adjacent bay system if adjacent-bay-system fishing activity originating from that site represented at least 1% of the adjacent bay system's fishing activity. Crossover sites occurred in boundary areas between Matagorda and San Antonio Bay systems; San Antonio and Aransas Bay systems; Aransas and Corpus Christi Bay systems; and Corpus Christi and upper Laguna Madre bay systems (Appendix A.1). When a double survey was conducted, the survey counted as a survey for both bay systems. Double surveys reduced manpower needs and the likelihood of over-burdening anglers at crossover sites. From May 1983 to May 1992, the list of crossover sites was not modified. Beginning in May 1992 the list of crossover sites was evaluated annually based on the 1% criterion described above.

An effort was made to evenly distribute frequently surveyed sites across each season for each day type. This was important because fishing pressure and landings were distributed unevenly across seasons.

After the high-use season bay and pass schedule was drawn and examined for representation by sites included in the gulf pressure files, gulf-only surveys were added to the survey schedule in proportion to the gulf pressure file. Gulf-only surveys were not conducted in low-use season due to the relatively small amount of gulf fishing pressure at that time of the year.

Survey Procedures

Overview

The purpose of conducting surveys was threefold. First, they were used to collect fishing effort (man-hours based on trip length and number of anglers in party) and harvest (does not include fish caught and released) data for estimation of fishing pressure, landings, and catch rates. Second, they were used to collect data on boating-activity type, boating-activity location, and boat-trailer location for adjustment of roving counts. Third, they were used to collect other data for other purposes (e.g., gear used, bait used, angler residential origin, species sought, and trip satisfaction). Weixelman and Chai (1991) and Morris et al. (1999) examined bait-use data. Green et al. (1991a, 1991b, 1991c) summarized species sought and trip satisfaction data.

When a site was surveyed, all trip-ending boat parties intercepted between 1000 and 1800 hours were interviewed. Relatively few interviews were "missed" because multiple personnel were assigned to busy sites. Based on examination of previously collected data (Spiller et al. 1988), surveys were cancelled in the low-use season on "bad-weather" days. A bad-weather day was determined based on a nomograph consisting of air temperature, wind speed, and precipitation observed at 0900 hours. Also based on examination of previously collected data (Weixelman and Green 1984, Osburn and Weixelman 1989), surveys were terminated early if no angling activity interviews were conducted by pre-determined times: 1300 hours on high-use season weekends; 1400 hours on high-use season weekdays and low-use season weekends; and 1600 hours on low-use season weekdays.

The primary equipment used for conducting surveys included a 1-meter measuring board, a fish identification book (primarily Hoese and Moore 1977, 1998), and standard data sheets. Except for reducing the number of lines per page from fifteen to ten on 1 July 1995, the same data-sheet format has been used since 15 May 1983.

Routine Surveys

Data elements collected from angling parties included boat identification number; time when interview was conducted; trip length to nearest 0.5 h (not fishing time); type of fishing activity (private-boat or party-boat); number of anglers and residential origin of each (non-fishing party members not included); location where most of the harvested fish were caught or location where most fishing effort occurred if no fish were harvested; gear and bait used to catch harvested fish or gear and bait used most if no fish were harvested; location where trailer was parked during trip (or if wet-slip used, then whether wet-slip was rented for the boat); species sought and trip satisfaction level for one randomly selected party member; number of each

species landed (if any); and total lengths to nearest millimeter for up to six randomly selected specimens of each species landed (if any).

Data elements collected from non-angling parties included boat identification number; time when interview was conducted; trip length to nearest 0.5 h; type of boating activity; number of people and residential origin of each; location where most of the boating activity occurred; and location where trailer was parked during trip (or if wet-slip used, then whether wet-slip was rented for the boat).

Gulf-only Surveys

Data elements collected from gulf angling parties during gulf-only surveys were the same as those collected during routine surveys.

Data elements collected from other boating parties were limited to boat identification number; time when interview was conducted; type of boating activity; location where most of the boating activity occurred; and location where trailer was parked during trip (or if wet-slip used, then whether wet-slip was rented for the boat).

Survey Operations Manual and Quality Control

Survey and roving-count procedures were contained in a detailed operations manual (Texas Marine Sport-Harvest Monitoring Program Operations Manual) that was updated annually. The manual also included data encoding lists, weekend and weekday nomographs for low-use season, and a history of procedure changes.

A quality control program for surveys and roving counts was initiated in October 1986 to monitor compliance with established procedures. The program included assigned observers who periodically visited personnel conducting surveys and roving counts. Refinements to the program were made in May 1990 and January 1994. Since January 1994, quality control visits were conducted monthly for surveys and annually for roving counts in each bay system using detailed report forms.

Data Processing

Survey and roving count data sheets were edited and submitted for computer keying. Data were keyed into a temporary database and subjected to computer programmed error checks. Keyed data were printed with potential errors flagged for manual line-by-line edit against original data sheets. Needed corrections were made and data were transferred to a permanent database for later access as needed.

Calculation of Fishing Pressure and Harvest Estimates

Methods used to calculate fishing pressure (effort) and harvest estimates from data collected prior to 15 May 1992 were described by Osburn and Osborn (1991) and Warren et al. (1994). These methods were followed in this study with several exceptions.

In the early 1990's, computer programming for creation of relative fishing pressure files and for calculation of estimates was converted from PL1 to SAS[®] (SAS Institute Inc., Cary, North Carolina). During this conversion several changes were made. The most important change eliminated the use of non-target-area fishing activity in determination of relative pressure values and in summary of daily fishing effort and landings for each site. This change, applied to data collected after 14 May 1992, increased the accuracy of pressure files and estimates for each bay system, but jeopardized strict comparison with previously calculated estimates. To achieve comparability, pressure files and estimates were recalculated for the 1983-84 through 1991-92 survey years. Recalculation was preceded by an extensive effort to detect and correct miscoded data in the database. Because of inconsistencies in sampling procedures prior to 15 May 1983, pressure files and estimates were not recalculated for the 1974-76 through 1982-83 survey years.

Another change involved pressure file application. Previous methodology used the same pressure file to select survey sites during schedule preparation and to expand observed fishing effort and landings during estimate calculation. Updated methodology used a preliminary pressure file for site selection (as previously described) and a final pressure file for expansion. The final pressure file incorporated target-period roving count and survey data to make it more reflective of target-period conditions. Roving counts from the target-period and the previous two years were averaged for each day type; counts from the target-period were weighted 50% and counts from the other two years were weighted 25% each. For bays and passes, survey data from the target-period and the previous two years were used to adjust the average rove counts. For the gulf, survey data from the target-period and the previous three (gulf off all areas except Galveston) or five (gulf off Galveston) years were used to adjust the average rove counts. These changes also increased the accuracy of pressure files and estimates for each bay system and gulf area.

For each bay system and gulf area, survey data were summarized first by interview, then by site for each day. Fishing effort in man-hours was determined as the product of number of people fishing and trip length. Harvested fish were tallied by species. Site summaries for each day were adjusted for missed interviews and daylight hours not surveyed, then expanded based on relative pressure values. Adjusted and expanded site summaries were averaged by bay system (or TTS or EEZ gulf area), season, and day type. Mean daily estimates were further expanded to represent seasonal estimates for each day type by multiplying them by the total number of days in each season and day-type combination. Seasonal estimates were determined by combining day-type estimates. Annual estimates were determined by combining season estimates. See Appendix A.2 for more details on calculation of fishing pressure, landings, catch rates, and associated standard error estimates.

Calculation of Mean Lengths and Mean Weights

Prior to 15 May 1983, landings for each fishing party were counted and weighed en masse by species. Beginning 15 May 1983, landings were measured for total length rather than weighed. Total length was measured by compressing the caudal fin lobes dorsoventrally to obtain the maximum possible total length. Standard or fork length measurements were taken when total length measurements were not available.

Mean lengths prior to 15 May 1983 were generated from weight-to-length conversions. Mean weights after 14 May 1983 were generated from length-to-weight conversions. Standard and fork lengths were converted to total lengths with length-to-length conversions. See Appendix A.3 for details on length conversions and Appendix A.4 for details on mean length and mean weight calculations.

Calculation of Other Statistics

Other statistics calculated from survey data included number of days surveyed, number of interviews conducted, number of anglers interviewed, mean fishing party size, mean trip length, composition of "other" species, angler residential origin, species sought, and trip satisfaction. These statistics were based on direct summary of unadjusted and unexpanded interview data. See Appendix A.5 for details on determination of angler residential origin and Appendix A.6 for details on determination of species sought and trip satisfaction.

Calculation of Estimates for Bay and Pass Private-boat Trips Lasting More Than 12 Hours

Although most sport-boat fishing trips encountered with this survey lasted 12 h or less, a considerable number of trips have been intercepted that lasted more than 12 h. These longer trips were undertaken primarily by bay and pass private-boat anglers in the upper Laguna Madre bay system. Trips lasting more than 12 h often included non-fishing activity, such as spending the night in cabins accessible only by boat. Based on a study by Spiller et al. (2000), trip lengths for trips lasting more than 12 h were adjusted downward to eliminate time spent on non-fishing activities.

Interviews of bay and pass private-boat fishing parties on trips lasting more than 12 h were conducted in the same manner as fishing parties on trips lasting 12 h or less. Using methods described above, separate relative pressure files were created for bay and pass private-boat fishing trips lasting more than 12 h. These were used to calculate fishing pressure (effort) and harvest estimates.

RESULTS

Findings included in this report date back to 1974. In the sections below, results are presented primarily in terms of the most recent ten years (1993-2003) and the most recent year (2002-03). Except where noted, results presented below are for daily trips lasting 12 h or less.

All trip-ending parties encountered during surveys were enumerated in some manner based on their boating activity type. Most (78%) of the 16,844 interviews conducted during 2002-03 involved sport-boat fishing (Table 1).

Coastwide Overview

The vast majority of annual coastwide sport-boat fishing pressure and landings occurred in bays and passes during 1983-2003 (Table 2; Figure 2). Pressure and landings were slightly greater in the EEZ than the TTS in most years. About 6.6 million man-h were expended to land about 2.1 million fish in 2002-03. Private-boat fishing accounted for about 85% of the annual coastwide sport-boat fishing pressure and about 73% of the landings in 2002-03.

During the 2002-03 survey year, 11,477 marine sport-boat angling parties on trips lasting 12 h or less were interviewed. These included 9,793 private-boat (Appendix B, Table B.1) and 816 party-boat (Appendix C, Table C.1) parties from bays and passes; 429 private-boat (Appendix D, Table D.1) and 15 party-boat (Appendix E, Table E.1) parties from the TTS; and 400 private-boat (Appendix F, Table F.1) and 24 party-boat (Appendix G, Table G.1) parties from the EEZ. An additional 414 private-boat angling parties from bay and pass trips lasting more than 12 h were interviewed during 2002-03 (Appendix H, Table H.1).

Bays and Passes

Private-boat Fishing

Private-boat fishing in bays and passes accounted for about 81% of the annual coastwide fishing pressure and about 76% of the landings during 1993-2003 (Table 2). During 1993-2003, an average of 5.4 million man-h were expended annually to land an average of 1.8 million fishes. In 2002-03, about 5.1 million man-h were expended to land about 1.4 million fishes (Figure 3; Appendix B, Tables B.2, B.3). Annual bay and pass private-boat fishing pressure and landings were on average at least three times greater in Galveston Bay system than in any of the other bay systems during 1993-2003 (Figure 4).

More spotted seatrout (36%) were landed annually from bays and passes by private-boat anglers than any other species during 1993-2003 (Figure 5). Large numbers of sand seatrout, Atlantic croaker, and red drum also were landed. Atlantic croaker, black drum, sand seatrout, southern flounder, and spotted seatrout were landed most often from Galveston Bay system; gafftopsail catfish from Matagorda Bay system; red drum from Aransas Bay system; and sheepshead from Corpus Christi Bay system (Figures 6, 7). Landings of black drum, red drum, and spotted seatrout were spread more evenly among bay systems than other species. Fifty-six additional species were landed from bays and passes by private-boat anglers in 2002-03 (Appendix B, Table B.7).

Trends in annual coastwide private-boat landings, catch rates, mean lengths, and mean weights during 1974-2003 are illustrated for the eight bay and pass target species in Figures 8-15.

After declining and being quite variable in early years, annual coastwide private-boat spotted seatrout landings and catch rates from bays and passes stabilized to around 0.6 million fish and 0.12 fish/man-h during 1992-2003 (Figure 8; Appendix B, Tables B.3, B.4). Mean

lengths and mean weights increased steadily until leveling off in later years (Figure 8). In 2002-03, spotted seatrout averaged 438 mm and 0.83 kg coastwide (Appendix B, Tables B.5, B.6).

Annual coastwide private-boat red drum landings increased from 94 thousand fish in 1990-91 to 241 thousand fish in 1993-94, but fell to 161 thousand fish in 2002-03 (Figure 11). Mean lengths and mean weights increased steadily until leveling off in recent years. In 2002-03, red drum averaged 597 mm and 2.42 kg coastwide (Appendix B, Tables B.5, B.6).

Party-boat Fishing

Party-boat fishing in bays and passes accounted for about 11% of the annual coastwide fishing pressure and about 17% of the landings during 1993-2003 (Table 2). During 1993-2003, an average of 0.7 million man-h were expended annually to land an average of 0.4 million fishes. Fishing pressure and landings increased steadily and reached all-time highs in 2000-01 of 1.1 million man-h and 0.6 million fishes (Figure 16; Appendix C, Tables C.2, C.3). About 73% of the average annual bay and pass party-boat fishing pressure and landings during 1993-2003 occurred in the four bay systems of the lower half of the coast (Figure 17).

Spotted seatrout (76%) dominated annual coastwide party-boat landings from bays and passes during 1993-2003 (Figure 18). Red drum (14%) also was landed in large numbers. Twenty-one additional species were landed from bays and passes by party-boat anglers in 2002-03 (Appendix C, Tables C.3, C.7).

Trends in annual coastwide bay and pass party-boat landings, catch rates, mean lengths, and mean weights for spotted seatrout and red drum during 1974-2003 are illustrated in Figures 19-20.

Annual coastwide party-boat landings of spotted seatrout from bays and passes increased dramatically since 1990-91 and reached an all-time high of about 438 thousand fish in 2000-01 (Figure 19). The catch rate averaged 0.41 fish/man-h over the last eleven years (Appendix C, Table C.4). Mean lengths and mean weights increased slightly over the years. In 2002-03, spotted seatrout averaged 448 mm and 0.90 kg coastwide (Appendix C, Tables C.5, C.6).

Annual coastwide party-boat landings of red drum from bays and passes increased over the years and reached an all-time high of about 86 thousand fish in 2002-03 (Figure 20). Catch rates declined since 1993-94 to a near all-time low of 0.06 fish/man-h in 2001-02, but rose to 0.09 fish/man-h in 2002-03. Mean lengths and mean weights changed little over the years with coastwide estimates of 610 mm and 2.54 kg in 2002-03 (Appendix C, Tables C.5, C.6).

Texas Territorial Sea

Private-boat Fishing

Private-boat fishing in the TTS accounted for about 3% of the annual coastwide fishing pressure and about 3% of landings during 1993-2003 (Table 2). During 1993-2003, an average of 231 thousand man-h were expended annually to land an average of 71 thousand fishes.

Fishing pressure and landings reached all-time highs of 304 thousand man-h and 100 thousand fishes in 1996-97 (Figure 21; Appendix D, Tables D.2, D.3). In 2002-03, about 216 thousand man-h were expended to land about 61 thousand fishes. Average annual TTS private-boat fishing pressure (44%) and landings (39%) were greatest offshore of the Galveston Bay system during 1993-2003 (Figure 22).

Spotted seatrout (27%), red snapper (17%), king mackerel (11%), and sand seatrout (9%) were the most often landed species from TTS private boats during 1993-2003 (Figure 23). Forty additional species were landed from the TTS by private-boat anglers in 2002-03 (Appendix D, Tables D.3, D.7).

Trends in annual coastwide TTS private-boat landings, catch rates, mean lengths, and mean weights during 1982-2003 are illustrated for red snapper and king mackerel in Figures 24-25.

Annual coastwide private-boat landings of red snapper from the TTS increased dramatically since 1991-92 and reached an all-time high of about 19 thousand fish in 1994-95 and 1995-96 (Figure 24). Landings declined to about 10 thousand fish in 2002-03. Catch rates were quite variable with 0.05 fish/man-h estimated for 2002-03 (Appendix D, Table D.4). Mean lengths and mean weights increased steadily over the years to all-time highs of 494 mm and 1.90 kg during 1998-99, but fell to 473 mm and 1.62 kg during 2002-03 (Appendix D, Tables D.5, D.6).

Annual coastwide private-boat landings of king mackerel from the TTS steadily declined from an all-time high of about 14 thousand fish in 1996-97 to about 4 thousand fish in 2002-03 (Figure 25). Catch rates also declined in recent years to a low of 0.2 fish/man-h in 2002-03. Mean lengths and mean weights changed little over the years. King mackerel averaged 971 mm and 5.08 kg in 2002-03 (Appendix D, Tables D.5, D.6).

Party-boat Fishing

Party-boat fishing in the TTS accounted for less than 1% of the annual coastwide fishing pressure and less than 1% of landings during 1993-2003 (Table 2). During 1993-2003, an average of 18 thousand man-h were expended annually to land an average of 8 thousand fishes. In 2002-03, about 15 thousand man-h were expended to land about 9 thousand fishes (Appendix E, Tables E.2, E.3). Catch rates, mean lengths, and mean weights are presented in Appendix E, Tables E.4, E.5, and E.6.

Spotted seatrout (36%), red snapper (31%), and king mackerel (14%) were the most often landed species from TTS party boats during 1993-2003 (Figure 18). Nine additional species were landed from the TTS by party-boat anglers in 2002-03 (Appendix E, Tables E.3, E.7).

United States Exclusive Economic Zone

Private-boat Fishing

Private-boat fishing in the EEZ accounted for about 4% of the annual coastwide fishing pressure and about 4% of landings during 1993-2003 (Table 2). During 1993-2003, an average of 277 thousand man-h were expended annually to land an average of 86 thousand fishes. Fishing pressure increased from a low of 132 thousand man-h in 1993-94 to an all-time high of about 353 thousand man-h in 1996-97, but decreased thereafter (Figure 26). Landings followed a similar pattern peaking at about 135 thousand fish in 1996-97. In 2002-03, about 236 thousand man-h were expended to land about 63 thousand fishes (Appendix F, Tables F.2, F.3). Average annual EEZ private-boat fishing pressure (50%) and landings (44%) were greatest offshore of the Galveston Bay system during 1993-2003 (Figure 27).

Red snapper (52%), king mackerel (13%), dolphin (6%), and gray triggerfish (4%) were the most often landed species from EEZ private boats during 1993-2003 (Figure 23). Forty-five additional species were landed from the EEZ by private-boat anglers in 2002-03 (Appendix F, Tables F.3, F.7).

Annual coastwide private-boat landings of red snapper from the EEZ increased from a low of 16 thousand fish in 1989-90 to 79 thousand fish in 1996-97 (Figure 28). Landings declined to 31 thousand fish in 2002-03. The coastwide catch rate was 0.13 fish/man-h in 2002-03 (Appendix F, Table F.4). Mean lengths and mean weights increased steadily over the years to all-time highs of 479 mm and 1.88 kg during 1998-99, but fell to 476 mm and 1.68 kg in 2002-03 (Appendix F, Tables F.5, F.6).

Annual coastwide private-boat landings of king mackerel from the EEZ increased from 6 thousand fish in 1993-94 to 18 thousand fish in 1997-98, then fell to 8 thousand fish in 2002-03 (Figure 29). The coastwide catch rate was 0.03 fish/man-h in 2002-03. Mean lengths and mean weights changed little over the years. King mackerel averaged 931 mm and 4.41 kg in 2002-03 (Appendix F, Tables F.5, F.6).

Party-boat Fishing

Party-boat fishing in the EEZ accounted for less than 1% of the annual coastwide fishing pressure and less than 1% of landings during 1993-2003 (Table 2). During 1993-2003, an average of 35 thousand man-h were expended annually to land an average of 16 thousand fishes. In 2002-03, about 40 thousand man-h were expended to land about 26 thousand fishes (Appendix G, Tables G.2, G.3). Catch rates, mean lengths, and mean weights are presented in Appendix G, Tables G.4, G.5, and G.6

Red snapper (45%) and king mackerel (23%) were the most often landed species from EEZ party boats during 1993-2003 (Figure 18). Twenty-two additional species were landed from the EEZ by party-boat anglers in 2002-03 (Appendix G, Tables G.3, G.7).

Angler Residential Origin

The majority (62%) of annual coastwide bay and pass private-boat anglers resided in coastal counties adjacent to the bay system fished during 1993-2003 (Figure 30; Appendix B, Table B.8). Among bay systems, Galveston (94%) and Sabine Lake (90%) had the greatest proportions of bay and pass private-boat anglers from coastal counties adjacent to the bay system fished; San Antonio (29%) had the greatest proportion from coastal counties not adjacent to the bay system fished; Aransas had the greatest proportion from non-coastal counties (52%), and Corpus Christi had the greatest proportion from other states and countries (11%) (Figure 31).

The residential origin of most annual coastwide bay and pass party-boat anglers during 1993-2003 was evenly split between coastal counties adjacent to the bay system fished (38%) and non-coastal counties (38%) (Figure 32; Appendix C, Table C.8). Among bay systems, Galveston had the greatest proportion of bay and pass party-boat anglers from adjacent coastal counties (81%); Matagorda had the greatest proportion from coastal counties not adjacent to the bay system fished (46%); Corpus Christi had the greatest proportion from non-coastal counties (58%); and Sabine Lake had the greatest proportion from other states and countries (11%) (Figure 33).

The majority of annual coastwide TTS (56%) and EEZ (64%) private-boat anglers resided in coastal counties adjacent to the area fished during 1993-2003 (Figure 30; Appendix D, Table D.8; Appendix F, Table F.8). Among gulf areas, Sabine Lake and Galveston had the greatest proportions of TTS and EEZ private-boat anglers from coastal counties adjacent to the area fished (about 90%); Matagorda had the greatest proportion from coastal counties not adjacent to the bay system fished (about 24%); and Corpus Christi had the greatest proportion from non-coastal counties (about 54%) (Figure 34).

The residential origin of most annual coastwide TTS and EEZ party-boat anglers during 1993-2003 was almost evenly split between coastal counties adjacent to the gulf area fished (about 45%) and non-coastal counties (about 40%) (Figure 32; Appendix E, Table E.8; Appendix G, Table G.8). There were differences among gulf areas, but these were less defined due to the small number of anglers encountered (Figure 35).

Species Sought by Anglers

Bay and pass private-boat anglers primarily sought spotted seatrout (17%), red drum (13%), flounder (3%), a combination of spotted seatrout and red drum (38%), or a combination of spotted seatrout, red drum, and flounder (4%) during 1993-2003 (Figure 36; Appendix B, Table B.9). Many anglers sought no particular species (19%).

Bay and pass party-boat anglers primarily sought spotted seatrout (25%), red drum (14%), or a combination of spotted seatrout and red drum (46%) during 1993-2003 (Figure 36; Appendix C, Table C.9). About 11% of anglers sought no particular species.

TTS private-boat anglers primarily sought king mackerel (34%), spotted seatrout (14%), red snapper (8%), red drum (2%), a combination of spotted seatrout and red drum (9%), or a

combination of king mackerel and red snapper (3%) during 1993-2003 (Figure 37; Appendix D, Table D.9). Many anglers sought no particular species (20%).

TTS party-boat anglers primarily sought spotted seatrout (19%), king mackerel (13%), tarpon (12%), red snapper (5%), a combination of spotted seatrout and red drum (21%), or a combination of king mackerel and red snapper (6%) during 1993-2003 (Figure 37; Appendix E, Table E.9). About 17% of anglers sought no particular species.

EEZ private-boat anglers primarily sought red snapper (27%), king mackerel (25%), or a combination of red snapper and king mackerel (9%) during 1993-2003 (Figure 38; Appendix F, Table F.9). Many anglers sought no particular species (23%).

EEZ party-boat anglers primarily sought red snapper (26%), king mackerel (15%), or a combination of red snapper and king mackerel (17%) during 1993-2003 (Figure 38; Appendix G, Table G.9). Many anglers sought no particular species (29%).

Angler Trip Satisfaction

Mean trip satisfaction responses among coastwide bay and pass, TTS, and EEZ private-boat and party-boat anglers trended slightly upward from 1987-88 to 2002-03 (Figures 39-40). For coastwide bay and pass private-boat and party-boat anglers, mean trip satisfaction responses reached all-time highs of 5.8 and 8.1, respectively, in 2002-03 (Appendix B, Table B.10; Appendix C, Table C.10). For coastwide TTS private-boat and party-boat anglers, mean trip satisfaction responses in 2002-03 were 6.1 and 8.6, respectively (Appendix D, Table D.10; Appendix E, Table E.10). For coastwide EEZ private-boat and party-boat anglers, mean trip satisfaction responses in 2002-03 were 6.4 and 9.0, respectively (Appendix F, Table F.10; Appendix G, Table G.10).

Bay and Pass Private-boat Trips Lasting More Than 12 Hours

Coastwide bay and pass private-boat anglers on trips lasting more than 12 h annually expended an average of 222 thousand man-h to land an average of 44 thousand fishes during 1993-2003 (Figure 41; Appendix H, Tables H.2, H.3). The majority of bay and pass private-boat fishing pressure (65%) and landings (63%) from trips lasting more than 12 h occurred in the upper Laguna Madre bay system (Figure 42).

Spotted seatrout (53%), red drum (16%), black drum (10%), and southern flounder (6%) were the most landed species by bay and pass private-boat anglers on trips lasting more than 12 h during 1993-2003 (Figure 43). Coastwide catch rates for spotted seatrout and red drum in 2002-03 were 0.08 and 0.04 fish/man-h, respectively (Appendix H, Table H.4).

During 1993-2003, the majority (51%) of annual coastwide bay and pass private-boat anglers on trips lasting more than 12 h resided in coastal counties adjacent to the bay system fished, but a large proportion (35%) resided in non-coastal counties (Figure 44; Appendix H, Table H.5). Residential origin of anglers among bay systems is presented in Figure 45.

Supporting Information

Several sources of supporting information were assembled to aid in interpretation of study results.

Sales of recreational fishing licenses in Texas increased steadily from about 0.5 million in 1956 to a high of about 2.0 million in 1983, then generally decreased to about 1.7 million in 2003 (Figure 46; Appendix I, Table I.1).

Sales of saltwater sportfishing stamps in Texas increased from about 0.4 million in 1986 to about 0.8 million in 2003 (Figure 46; Appendix I, Table I.2).

Texas boat registrations increased from about 0.3 million in 1969 to about 0.6 million in 1981, then remained at that level through 2003 (Figure 46; Appendix I, Table I.2).

The first regulations affecting harvest of saltwater fishes by sport anglers in Texas were established in 1955 for flounder, red drum, and spotted seatrout in Cameron, Kenedy, and Willacy Counties (Appendix I, Table I.3). In 2003, the sport harvest of 22 species or species groups was regulated.

Literature sources related to the survey of marine sport fishing in Texas are listed in Appendix J.

Literature sources related to significant environmental events along the Texas coast are listed in Appendix K.

DISCUSSION

Chapter 66 (Fish), Subchapter C (Saltwater Fishing), Section 66.217 (Finfish Research) of the Texas Parks and Wildlife Code directs the Texas Parks and Wildlife Department (TPWD) to conduct continuous research and study of the supply of various species of finfish, including red drum and spotted seatrout (State of Texas 2004). The Texas Marine Sport-Harvest Monitoring Program, subject of this report, and the Texas Marine Resource Monitoring Program (Martinez-Andrade et al. 2005) were designed to comply with this directive. Fishery-dependent and fishery-independent data collected through these programs have been used by the Coastal Fisheries Division of TPWD to manage the coastal fisheries of Texas. Since 1977, size, bag, and/or possession limits were established and/or modified for 23 fish species; game fish status was extended to 15 species; non-commercial status was extended to 10 species; use of trotlines to take fish was restricted; and use of nets and seines to take fish was restricted, then banned (except for cast nets, dip nets, and minnow seines).

When the sport-harvest monitoring program was initiated (1974-76), boat ramps, wade and bank areas, and lighted commercial piers were surveyed. Budget constraints and difficulties associated with surveying wade and bank areas and lighted commercial piers led to a focus on

boat-access sites in subsequent years. The sport-boat portion of the fishery proved more amiable to a long-term monitoring program for assessment of trends in finfish landings.

In addition to its primary purpose, the survey has served as a useful instrument for collection of other fisheries-related data. A social and economic questionnaire was administered to anglers during 1976-78 in cooperation with another state agency to estimate the economic impacts of sport fishing on local and state economies (Texas Department of Water Resources 1980a, 1980b, 1981a, 1981b, 1981c, 1983). Data was collected during 1979-81 to determine whether an enacted size-limit regulation reduced the number of small spotted seatrout retained by anglers (Meador and Green 1986). Private-boat anglers were queried during 1982-83 to determine their short-term fishing avidity (TPWD unpublished data). An ongoing effort to estimate the amount and source of live and dead bait shrimp used by anglers was initiated in 1983 (Osborn and Spiller 1991). Anglers were asked during 1984-87 whether they had fished an oil or gas platform during a portion of their trips (TPWD unpublished data). A social and economic questionnaire with both pre-trip and post-trip questions was administered to anglers during 1987-91 (Green et al. 1991a, 1991b, 1991c). Two elements of this questionnaire, species sought and trip satisfaction, were retained for ongoing application. During the 1993 high-use season, private-boat anglers were asked to recall the species and number of fish they had caught but not retained in an effort to characterize and estimate bycatch (Campbell and Choucair 1995). Anglers were queried to determine the amount and source of live and dead mullet (*Mugil* sp.) used as bait during 1992-95 and the amount and source of live and dead Atlantic croaker used as bait during 1995-96 and 2002-04 (TPWD unpublished data). Angler compliance with an enacted trophy-tag regulation for retention of over-size red drum was examined during 1994-97 (TPWD unpublished data). Anglers using live or dead fish for bait were queried during 1995-96 to determine types of fish used for bait (TPWD unpublished data). During 1995-96, information was collected from angling parties with trip lengths more than 12 h for adjustment of such trip lengths to obtain comparability with daily trips of 12 h or less (Spiller et al. 2000). In cooperation with the Corpus Christi Bay National Estuary Program, a sportfishing valuation questionnaire was administered to anglers in Aransas, Corpus Christi, and upper Laguna Madre bay systems during 1996-97 (Wellman and Noble 1997). During 2000-01 as part of a seagrass conservation initiative, mailing addresses were collected from interviewed anglers who had fished specific areas in the Aransas and upper Laguna Madre Bay systems for a follow-up mail survey. A portion of the party-boat interview data collected during 2001-03 was shared with the Gulf States Marine Fisheries Commission to aid in the evaluation of an alternative method for estimating party-boat fishing pressure and landings.

As funds and personnel become available, future efforts should be made to prepare reports on collected data in a more timely manner; improve estimates of party-boat fishing effort and landings, especially for the gulf; and collect additional social and economic data.

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Table 1. Number of trip-ending interviews^a conducted at boat-access sites along the Texas coast by boating activity type and year (1983-2003).

Year	Boating activity type									Missed interviews ^e	Total interviews
	Private-boat fishing	Tournament fishing ^b	Party-boat fishing	Other sport fishing ^c	Pleasure riding and sailing	Scuba diving	Hunting	Commercial fishing ^d	Other		
1983-84	8,665	89	245	103	601	14	152	283	690	351	11,193
1984-85	7,144	122	166	152	784	18	107	209	608	210	9,520
1985-86	8,564	113	229	81	678	37	64	317	690	137	10,910
1986-87	8,793	119	250	59	555	14	44	279	857	601	11,571
1987-88	10,336	169	242	99	707	22	33	566	894	1,639	14,707
1988-89	10,076	152	322	57	680	23	48	437	942	1,822	14,559
1989-90	8,540	118	342	57	650	26	27	399	979	1,461	12,599
1990-91	7,012	168	265	50	669	25	48	425	731	1,341	10,734
1991-92	8,777	275	366	40	711	18	38	461	789	1,321	12,796
1992-93	11,382	299	560	51	821	18	44	533	992	1,243	15,943
1993-94	11,610	209	515	57	705	15	54	505	922	1,395	15,987
1994-95	13,090	230	574	56	767	16	95	585	1,132	1,120	17,665
1995-96	12,080	198	645	22	908	15	77	659	1,018	915	16,537
1996-97	11,604	232	675	32	718	13	77	815	1,011	1,119	16,296
1997-98	12,762	228	770	43	697	36	139	675	1,106	1,058	17,514
1998-99	13,021	197	858	25	792	25	135	661	1,163	1,047	17,924
1999-2000	14,373	301	974	34	818	13	98	710	1,485	1,276	20,082
2000-01	12,882	353	1,029	20	768	23	129	554	1,163	1,234	18,155
2001-02	12,531	365	1,086	20	696	14	118	528	1,290	1,193	17,841
2002-03	11,858	232	991	36	678	6	82	581	1,256	1,124	16,844

^a Includes trips ≤12h and trips >12h.

^b These interviews were combined with private-boat interviews for determination of fishery statistics in this report.

^c Includes fishing for shrimp, crabs, or oysters.

^d Includes fishing for shrimp, crabs, oysters, or fish.

^e Includes interviews missed due to time constraints, incomplete information, refusal, heavy rain, or language barrier.

Table 2. Annual and seasonal sport-boat fishing pressure (man-h x 1,000) and finfish landings (no. x 1,000) by year, area fished, and stratum (1983-2003).

Year ^a	Area Stratum	High-use Season		Low-use Season		Annual ^b	
		Pressure	Landings	Pressure	Landings	Pressure	Landings
1983-84							
	Bay and pass						
	Private boat	3,092.9	1,932.8	764.0	529.7	3,856.9	2,462.5
	Party boat	124.1	127.7	14.1	9.5	138.2	137.2
	Total	3,217.0	2,060.5	778.1	539.2	3,995.1	2,599.7
	Territorial Sea						
	Private boat	144.7	35.3	10.0	21.4	154.7	56.7
	Party boat	28.3	15.2	0.0	0.0	28.3	15.2
	Total	173.0	50.5	10.0	21.4	183.0	71.9
	Exclusive Economic Zone						
	Private boat	233.4	94.3	18.6	30.2	252.0	124.5
	Party boat	55.2	20.0	0.0	0.0	55.2	20.0
	Total	288.6	114.3	18.6	30.2	307.2	144.5
	Grand Total ^b	3,678.6	2,225.3	806.7	590.8	4,485.3	2,816.1
1984-85							
	Bay and pass						
	Private boat	2,349.4	929.5	1,146.8	334.9	3,496.2	1,264.4
	Party boat	70.8	33.7	30.8	22.0	101.6	55.7
	Total	2,420.2	963.2	1,177.6	356.9	3,597.8	1,320.1
	Territorial Sea						
	Private boat	153.2	30.4	30.6	22.3	183.8	52.7
	Party boat	23.7	7.0	0.0	0.0	23.7	7.0
	Total	176.9	37.4	30.6	22.3	207.5	59.7
	Exclusive Economic Zone						
	Private boat	326.6	89.5	7.6	13.3	334.2	102.8
	Party boat	21.0	6.2	5.2	1.2	26.2	7.4
	Total	347.6	95.7	12.8	14.5	360.4	110.2
	Grand Total ^b	2,944.7	1,096.3	1,221.0	393.7	4,165.7	1,490.0
1985-86							
	Bay and pass						
	Private boat	2,734.9	1,422.2	1,657.3	605.5	4,392.2	2,027.7
	Party boat	107.8	59.9	45.5	24.0	153.3	83.9
	Total	2,842.7	1,482.1	1,702.8	629.5	4,545.5	2,111.6
	Territorial Sea						
	Private boat	136.6	28.8	19.4	24.6	156.0	53.4
	Party boat	19.3	7.3	0.0	0.0	19.3	7.3
	Total	155.9	36.1	19.4	24.6	175.3	60.7
	Exclusive Economic Zone						
	Private boat	226.2	62.7	78.4	205.6	304.6	268.3
	Party boat	18.6	7.6	0.0	0.0	18.6	7.6
	Total	244.8	70.3	78.4	205.6	323.2	275.9
	Grand Total ^b	3,243.4	1,588.5	1,800.6	859.7	5,044.0	2,448.2

Table 2. (Cont'd.)

Year ^a	Area Stratum	High-use Season		Low-use Season		Annual ^b	
		Pressure	Landings	Pressure	Landings	Pressure	Landings
1986-87							
Bay and pass							
	Private boat	2,687.5	1,319.4	1,696.2	449.5	4,383.7	1,768.9
	Party boat	116.7	64.4	46.5	30.1	163.2	94.5
	Total	2,804.2	1,383.8	1,742.7	479.6	4,546.9	1,863.4
Territorial Sea							
	Private boat	107.6	17.7	21.5	23.3	129.1	41.0
	Party boat	7.6	1.0	3.5	5.3	11.1	6.3
	Total	115.2	18.7	25.0	28.6	140.2	47.3
Exclusive Economic Zone							
	Private boat	166.5	39.0	38.4	25.9	204.9	64.9
	Party boat	28.4	14.1	34.6	9.2	63.0	23.3
	Total	194.9	53.1	73.0	35.1	267.9	88.2
	Grand Total ^b	3,114.3	1,455.6	1,840.7	543.3	4,955.0	1,998.9
1987-88							
Bay and pass							
	Private boat	3,921.3	1,752.6	1,688.0	504.4	5,609.3	2,257.0
	Party boat	126.4	97.8	34.7	11.7	161.1	109.5
	Total	4,047.7	1,850.4	1,722.7	516.1	5,770.4	2,366.5
Territorial Sea							
	Private boat	141.7	39.5	32.4	8.5	174.1	48.0
	Party boat	15.8	4.1	0.0	0.0	15.8	4.1
	Total	157.5	43.6	32.4	8.5	189.9	52.1
Exclusive Economic Zone							
	Private boat	172.3	62.9	43.8	24.4	216.1	87.3
	Party boat	25.4	16.1	0.0	0.0	25.4	16.1
	Total	197.7	79.0	43.8	24.4	241.5	103.4
	Grand Total ^b	4,402.9	1,973.0	1,798.9	549.0	6,201.8	2,522.0
1988-89							
Bay and pass							
	Private boat	3,726.1	1,422.5	1,136.8	349.0	4,862.9	1,771.5
	Party boat	130.7	75.3	71.5	39.4	202.2	114.7
	Total	3,856.8	1,497.8	1,208.3	388.4	5,065.1	1,886.2
Territorial Sea							
	Private boat	134.1	28.6	32.8	10.5	166.9	39.1
	Party boat	11.3	3.2	0.0	0.0	11.3	3.2
	Total	145.4	31.8	32.8	10.5	178.2	42.3
Exclusive Economic Zone							
	Private boat	130.1	54.0	19.0	6.9	149.1	60.9
	Party boat	25.4	5.4	0.0	0.0	25.4	5.4
	Total	155.5	59.4	19.0	6.9	174.5	66.3
	Grand Total ^b	4,157.7	1,589.0	1,260.1	405.8	5,417.8	1,994.8

Table 2. (Cont'd.)

Year ^a	Area Stratum	High-use Season		Low-use Season		Annual ^b	
		Pressure	Landings	Pressure	Landings	Pressure	Landings
1989-90							
	Bay and pass						
	Private boat	3,468.5	1,141.2	1,005.6	199.4	4,474.1	1,340.6
	Party boat	224.6	118.1	26.9	4.6	251.5	122.7
	Total	3,693.1	1,259.3	1,032.5	204.0	4,725.6	1,463.3
	Territorial Sea						
	Private boat	134.1	20.1	4.7	2.1	138.8	22.2
	Party boat	11.3	2.7	0.0	0.0	11.3	2.7
	Total	145.4	22.8	4.7	2.1	150.1	24.9
	Exclusive Economic Zone						
	Private boat	142.2	46.8	8.7	1.6	150.9	48.4
	Party boat	11.3	8.9	0.0	0.0	11.3	8.9
	Total	153.5	55.7	8.7	1.6	162.2	57.3
	Grand Total ^b	3,992.0	1,337.8	1,045.9	207.7	5,037.9	1,545.5
1990-91							
	Bay and pass						
	Private boat	2,935.0	879.7	1,034.7	260.0	3,969.7	1,139.7
	Party boat	182.4	42.8	69.2	30.4	251.6	73.2
	Total	3,117.4	922.5	1,103.9	290.4	4,221.3	1,212.9
	Territorial Sea						
	Private boat	133.0	31.5	20.0	18.7	153.0	50.2
	Party boat	11.0	2.1	0.0	0.0	11.0	2.1
	Total	144.0	33.6	20.0	18.7	164.0	52.3
	Exclusive Economic Zone						
	Private boat	317.8	50.6	8.0	3.8	325.8	54.4
	Party boat	10.4	5.3	0.0	0.0	10.4	5.3
	Total	328.2	55.9	8.0	3.8	336.2	59.7
	Grand Total ^b	3,589.6	1,012.0	1,131.9	312.9	4,721.5	1,324.9
1991-92							
	Bay and pass						
	Private boat	3,130.8	1,218.7	1,233.6	343.5	4,364.4	1,562.2
	Party boat	249.1	96.3	83.2	34.4	332.3	130.7
	Total	3,379.9	1,315.0	1,316.8	377.9	4,696.7	1,692.9
	Territorial Sea						
	Private boat	178.1	38.7	17.6	7.7	195.7	46.4
	Party boat	3.8	1.6	0.0	0.0	3.8	1.6
	Total	181.9	40.3	17.6	7.7	199.5	48.0
	Exclusive Economic Zone						
	Private boat	217.7	74.8	7.1	8.3	224.8	83.1
	Party boat	8.8	2.7	0.8	0.0	9.6	2.7
	Total	226.5	77.5	7.9	8.3	234.4	85.8
	Grand Total ^b	3,788.3	1,432.8	1,342.3	393.9	5,130.6	1,826.7

Table 2. (Cont'd.)

Year ^a	Area Stratum	High-use Season		Low-use Season		Annual ^b	
		Pressure	Landings	Pressure	Landings	Pressure	Landings
1992-93							
Bay and pass							
	Private boat	3,676.6	1,518.2	1,484.3	494.8	5,160.9	2,013.0
	Party boat	228.5	139.8	106.3	66.4	334.8	206.2
	Total	3,905.1	1,658.0	1,590.6	561.2	5,495.7	2,219.2
Territorial Sea							
	Private boat	175.0	54.2	18.3	12.8	193.3	67.0
	Party boat	5.1	0.3	0.0	0.0	5.1	0.3
	Total	180.1	54.5	18.3	12.8	198.4	67.3
Exclusive Economic Zone							
	Private boat	176.6	56.3	20.4	4.7	197.0	61.0
	Party boat	4.8	1.1	0.0	0.0	4.8	1.1
	Total	181.4	57.4	20.4	4.7	201.8	62.1
	Grand Total ^b	4,266.6	1,769.9	1,629.3	578.7	5,895.9	2,348.6
1993-94							
Bay and pass							
	Private boat	3,566.2	1,318.9	1,830.1	509.5	5,396.3	1,828.4
	Party boat	243.9	148.8	113.9	37.6	357.8	186.4
	Total	3,810.1	1,467.7	1,944.0	547.1	5,754.1	2,014.8
Territorial Sea							
	Private boat	156.8	60.3	12.2	6.7	169.0	67.0
	Party boat	17.5	14.1	0.9	0.1	18.4	14.2
	Total	174.3	74.4	13.1	6.8	187.4	81.2
Exclusive Economic Zone							
	Private boat	120.1	49.6	12.2	8.8	132.3	58.4
	Party boat	0.0	0.0	0.0	0.0	0.0	0.0
	Total	120.1	49.6	12.2	8.8	132.3	58.4
	Grand Total ^b	4,104.5	1,591.7	1,969.3	562.7	6,073.8	2,154.4
1994-95							
Bay and pass							
	Private boat	3,658.6	1,351.4	1,990.2	607.3	5,648.8	1,958.7
	Party boat	431.4	208.1	137.5	59.5	568.9	267.6
	Total	4,090.0	1,559.5	2,127.7	666.8	6,217.7	2,226.3
Territorial Sea							
	Private boat	225.8	68.6	15.1	11.7	240.9	80.3
	Party boat	29.3	6.2	8.2	4.4	37.5	10.6
	Total	255.1	74.8	23.3	16.1	278.4	90.9
Exclusive Economic Zone							
	Private boat	222.2	92.4	41.7	11.5	263.9	103.9
	Party boat	25.6	12.3	0.0	0.0	25.6	12.3
	Total	247.8	104.7	41.7	11.5	289.5	116.2
	Grand Total ^b	4,592.9	1,739.0	2,192.7	694.4	6,785.6	2,433.4

Table 2. (Cont'd.)

Year ^a	Area Stratum	High-use Season		Low-use Season		Annual ^b	
		Pressure	Landings	Pressure	Landings	Pressure	Landings
1995-96							
	Bay and pass						
	Private boat	3,410.0	1,207.7	1,832.9	447.2	5,242.9	1,654.9
	Party boat	335.9	183.9	134.8	61.7	470.7	245.6
	Total	3,745.9	1,391.6	1,967.7	508.9	5,713.6	1,900.5
	Territorial Sea						
	Private boat	244.6	78.7	16.6	4.1	261.2	82.8
	Party boat	11.5	4.5	0.0	0.0	11.5	4.5
	Total	256.1	83.2	16.6	4.1	272.7	87.3
	Exclusive Economic Zone						
	Private boat	241.1	104.3	16.5	6.5	257.6	110.8
	Party boat	14.7	3.2	0.0	0.0	14.7	3.2
	Total	255.8	107.5	16.5	6.5	272.3	114.0
	Grand Total ^b	4,257.8	1,582.3	2,000.8	519.5	6,258.6	2,101.8
1996-97							
	Bay and pass						
	Private boat	3,705.2	1,474.3	1,457.4	500.4	5,162.6	1,974.7
	Party boat	371.8	220.3	129.5	74.5	501.3	294.8
	Total	4,077.0	1,694.6	1,586.9	574.9	5,663.9	2,269.5
	Territorial Sea						
	Private boat	278.5	88.1	25.7	11.8	304.2	99.9
	Party boat	2.9	1.0	1.2	0.4	4.1	1.4
	Total	281.4	89.1	26.9	12.2	308.3	101.3
	Exclusive Economic Zone						
	Private boat	308.5	107.4	44.3	27.2	352.8	134.6
	Party boat	36.0	13.6	1.4	0.2	37.4	13.8
	Total	344.5	121.0	45.7	27.4	390.2	148.4
	Grand Total ^b	4,702.9	1,904.7	1,659.5	614.5	6,362.4	2,519.2
1997-98							
	Bay and pass						
	Private boat	3,567.9	1,301.4	1,498.7	391.9	5,066.6	1,693.3
	Party boat	495.3	322.3	152.7	87.7	648.0	410.1
	Total	4,063.2	1,623.7	1,651.4	479.6	5,714.6	2,103.4
	Territorial Sea						
	Private boat	217.4	60.6	7.7	4.1	225.0	64.6
	Party boat	15.3	5.0	0.0	0.0	15.3	5.0
	Total	232.7	65.6	7.7	4.1	240.3	69.6
	Exclusive Economic Zone						
	Private boat	309.1	83.5	34.2	17.3	343.2	100.8
	Party boat	38.3	19.2	2.4	1.0	40.6	20.2
	Total	347.4	102.7	36.6	18.3	383.8	121.0
	Grand Total ^b	4,643.3	1,792.0	1,695.7	502.0	6,338.7	2,294.0

Table 2. (Cont'd.)

Year ^a	Area Stratum	High-use Season		Low-use Season		Annual ^b	
		Pressure	Landings	Pressure	Landings	Pressure	Landings
1998-99							
	Bay and pass						
	Private boat	3,399.0	1,149.9	2,091.1	706.9	5,490.1	1,856.8
	Party boat	559.7	354.7	176.5	76.3	736.2	431.1
	Total	3,958.7	1,504.6	2,267.6	783.2	6,226.3	2,287.9
	Territorial Sea						
	Private boat	184.3	47.5	29.9	5.8	214.2	53.3
	Party boat	16.5	8.4	0.0	0.0	16.5	8.4
	Total	200.8	55.9	29.9	5.8	230.7	61.7
	Exclusive Economic Zone						
	Private boat	279.3	70.0	61.1	25.8	340.5	95.7
	Party boat	51.8	25.4	7.1	3.2	59.0	28.7
	Total	331.1	95.4	68.2	29.0	399.5	124.4
	Grand Total ^b	4,490.6	1,655.9	2,365.7	818.0	6,856.5	2,474.0
1999-2000							
	Bay and pass						
	Private boat	4,149.3	1,370.2	2,298.6	614.6	6,447.9	1,984.8
	Party boat	561.2	375.4	363.1	131.2	924.4	506.5
	Total	4,710.5	1,745.6	2,661.7	745.8	7,372.3	2,491.3
	Territorial Sea						
	Private boat	271.0	80.5	16.6	5.3	287.6	85.8
	Party boat	29.1	7.7	1.4	0.2	30.5	7.8
	Total	300.1	88.2	18.0	5.5	318.1	93.6
	Exclusive Economic Zone						
	Private boat	306.6	55.5	37.0	13.9	343.7	69.5
	Party boat	54.1	19.7	0.0	0.0	54.1	19.7
	Total	360.7	75.2	37.0	13.9	397.8	89.2
	Grand Total ^b	5,371.3	1,909.0	2,716.7	765.2	8,088.2	2,674.1
2000-01							
	Bay and pass						
	Private boat	3,773.6	1,290.1	1,554.8	437.8	5,328.5	1,727.9
	Party boat	692.0	402.0	374.8	175.4	1,066.8	577.4
	Total	4,465.6	1,692.1	1,929.6	613.2	6,395.3	2,305.3
	Territorial Sea						
	Private boat	173.1	47.1	12.3	4.9	185.5	52.0
	Party boat	20.4	9.1	0.0	0.0	20.4	9.1
	Total	193.5	56.2	12.3	4.9	205.8	61.1
	Exclusive Economic Zone						
	Private boat	267.7	68.2	5.9	0.8	273.6	69.1
	Party boat	31.0	10.5	0.0	0.0	31.0	10.5
	Total	298.7	78.7	5.9	0.8	304.6	79.6
	Grand Total ^b	4,957.8	1,827.0	1,947.8	618.9	6,905.7	2,446.0

Table 2. (Cont'd.)

Year ^a	Area Stratum	High-use Season		Low-use Season		Annual ^b	
		Pressure	Landings	Pressure	Landings	Pressure	Landings
2001-02							
	Bay and pass						
	Private boat	3,605.1	1,048.1	1,691.0	448.1	5,296.1	1,496.3
	Party boat	712.7	324.2	179.7	724.7	892.4	396.7
	Total	4,317.8	1,372.3	1,870.7	1,172.8	6,188.5	1,893.0
	Territorial Sea						
	Private boat	165.7	59.6	40.6	8.3	206.3	67.9
	Party boat	14.0	10.4	0.0	0.0	14.0	10.4
	Total	179.7	70.0	40.6	8.3	220.3	78.3
	Exclusive Economic Zone						
	Private boat	209.2	52.7	19.5	4.4	228.7	57.1
	Party boat	44.9	24.4	0.0	0.0	44.9	24.4
	Total	254.1	77.1	19.5	4.4	273.6	81.5
	Grand Total ^b	4,751.6	1,519.4	1,930.8	1,185.5	6,682.4	2,052.8
2002-03							
	Bay and pass						
	Private boat	3,311.0	903.5	1,806.9	480.1	5,117.9	1,383.6
	Party boat	760.6	436.9	184.3	81.6	944.9	518.4
	Total	4,071.6	1,340.4	1,991.2	561.7	6,062.8	1,902.0
	Territorial Sea						
	Private boat	172.5	50.6	43.5	10.2	215.9	60.8
	Party boat	14.7	9.3	0.0	0.0	14.7	9.3
	Total	187.2	59.9	43.5	10.2	230.6	70.1
	Exclusive Economic Zone						
	Private boat	215.7	54.3	20.7	8.9	236.4	63.3
	Party boat	39.6	26.4	0.0	0.0	39.6	26.4
	Total	255.3	80.7	20.7	8.9	276.0	89.7
	Grand Total ^b	4,514.1	1,481.0	2,055.4	580.8	6,569.4	2,061.8
10-year means (1993-2003)							
	Bay and pass						
	Private boat	3,614.6	1,241.6	1,805.2	514.4	5,419.8	1,755.9
	Party boat	516.5	297.7	194.7	151.0	711.1	383.5
	Total	4,131.1	1,539.3	1,999.9	665.4	6,130.9	2,139.4
	Territorial Sea						
	Private boat	209.0	64.2	22.0	7.3	231.0	71.4
	Party boat	17.1	7.6	1.2	0.5	18.3	8.1
	Total	226.1	71.8	23.2	7.8	249.3	79.5
	Exclusive Economic Zone						
	Private boat	248.0	73.8	29.3	12.5	277.3	86.3
	Party boat	33.6	15.5	1.1	0.4	34.7	15.9
	Total	281.6	89.3	30.4	12.9	312.0	102.2
	Grand Total ^b	4,638.8	1,700.4	2,053.5	686.1	6,692.2	2,321.1

^a 15 May of one year to 14 May of next year.

^b Due to rounding of numbers, these totals may not exactly equal sum of seasonal totals.

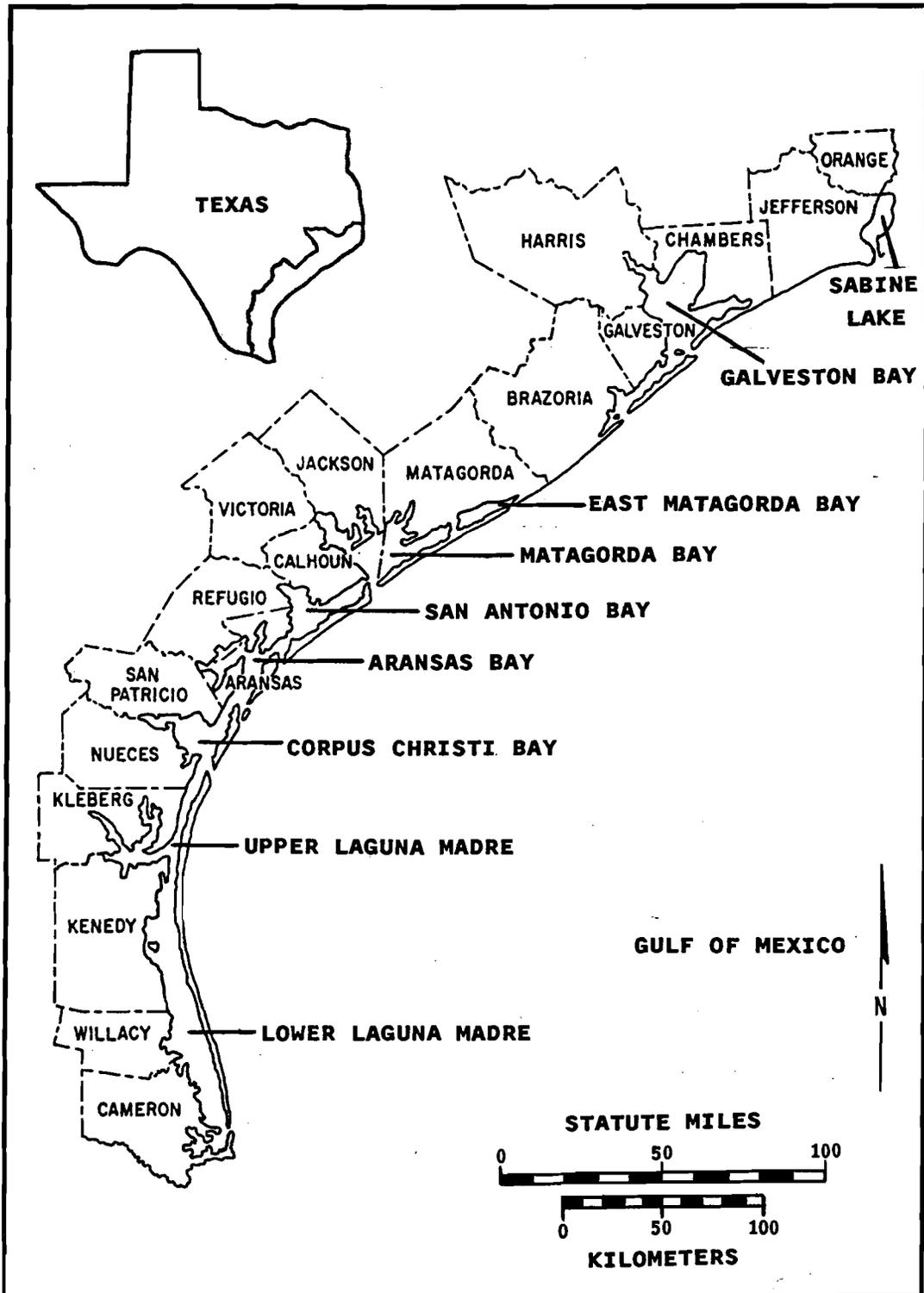


Figure 1. Bay systems and coastal counties of Texas.

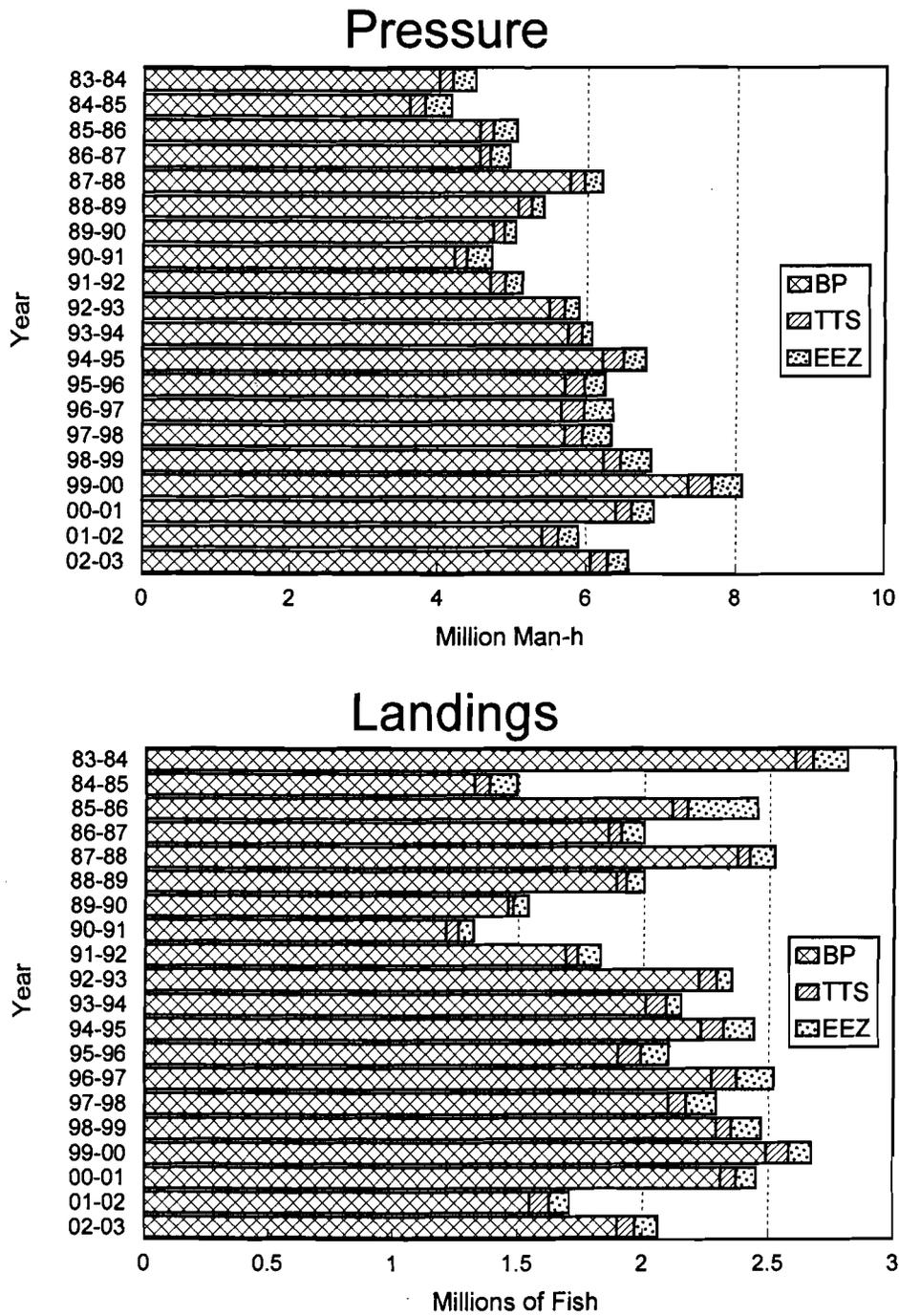


Figure 2. Annual coastwide sport-boat fishing pressure and landings in bays and passes (BP), the Texas Territorial Sea (TTS), and the Exclusive Economic Zone (EEZ), May 1983-May 2003.

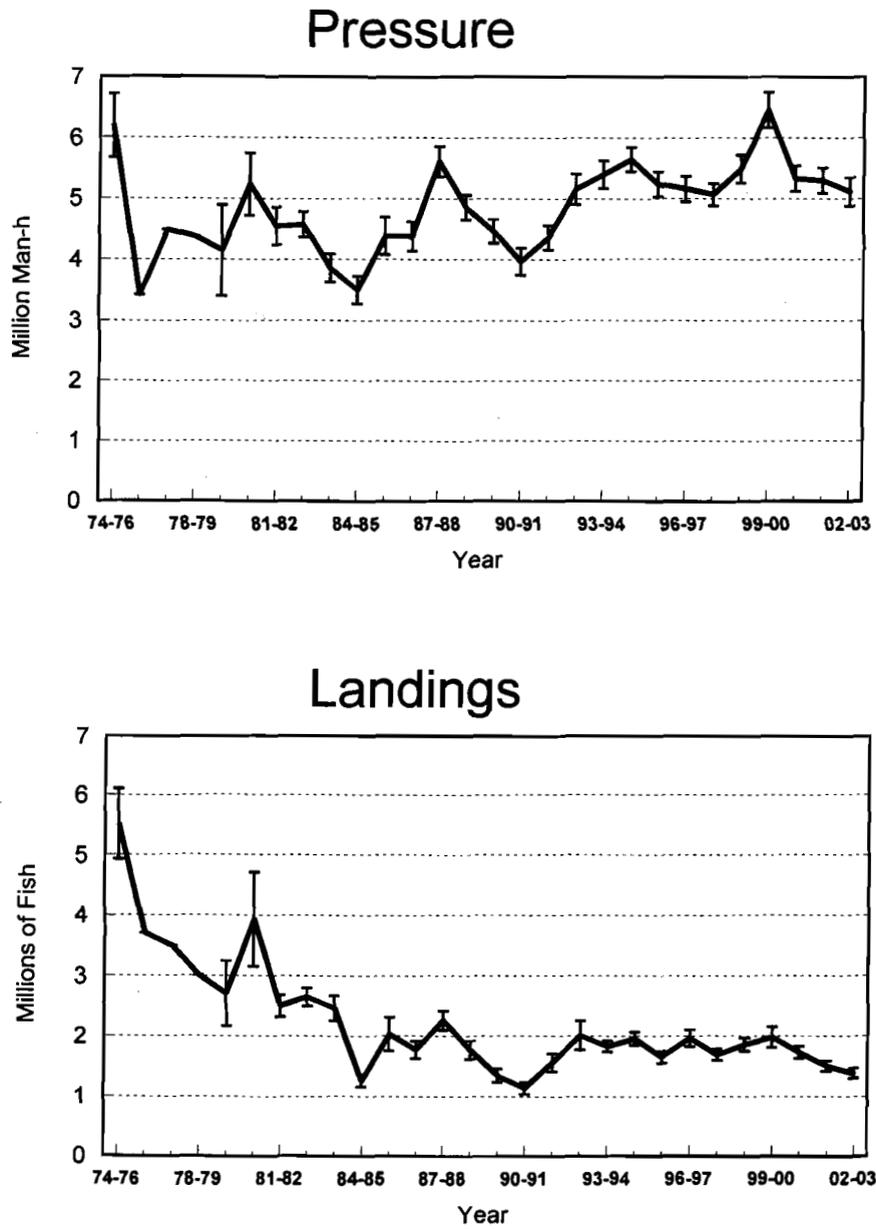


Figure 3. Annual coastwide private-boat fishing pressure (± 1 SE) and landings (± 1 SE) in Texas bays and passes, May 1974-May 2003.

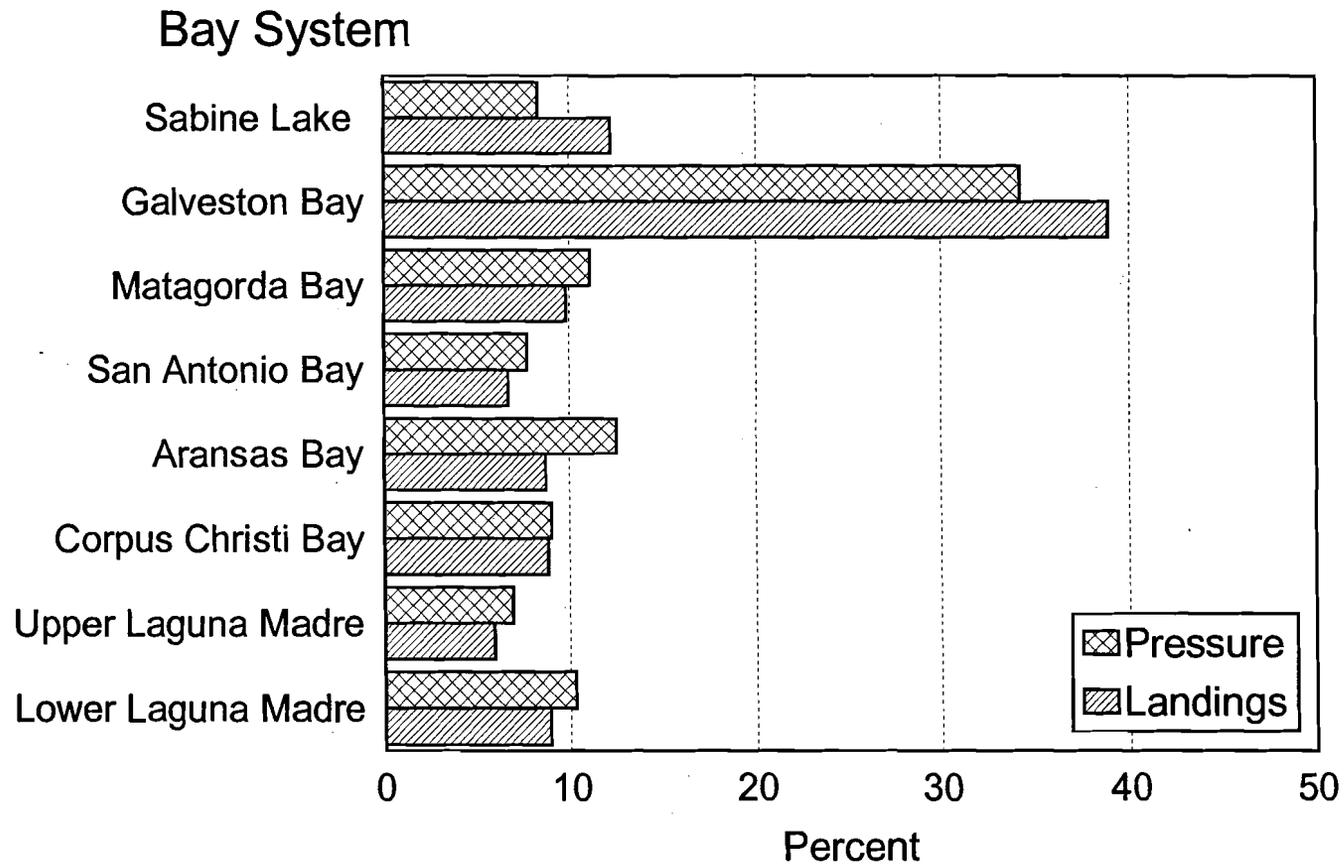


Figure 4. Distribution of annual bay and pass private-boat fishing pressure and landings among bay systems, May 1993-May 2003 (10-year mean).

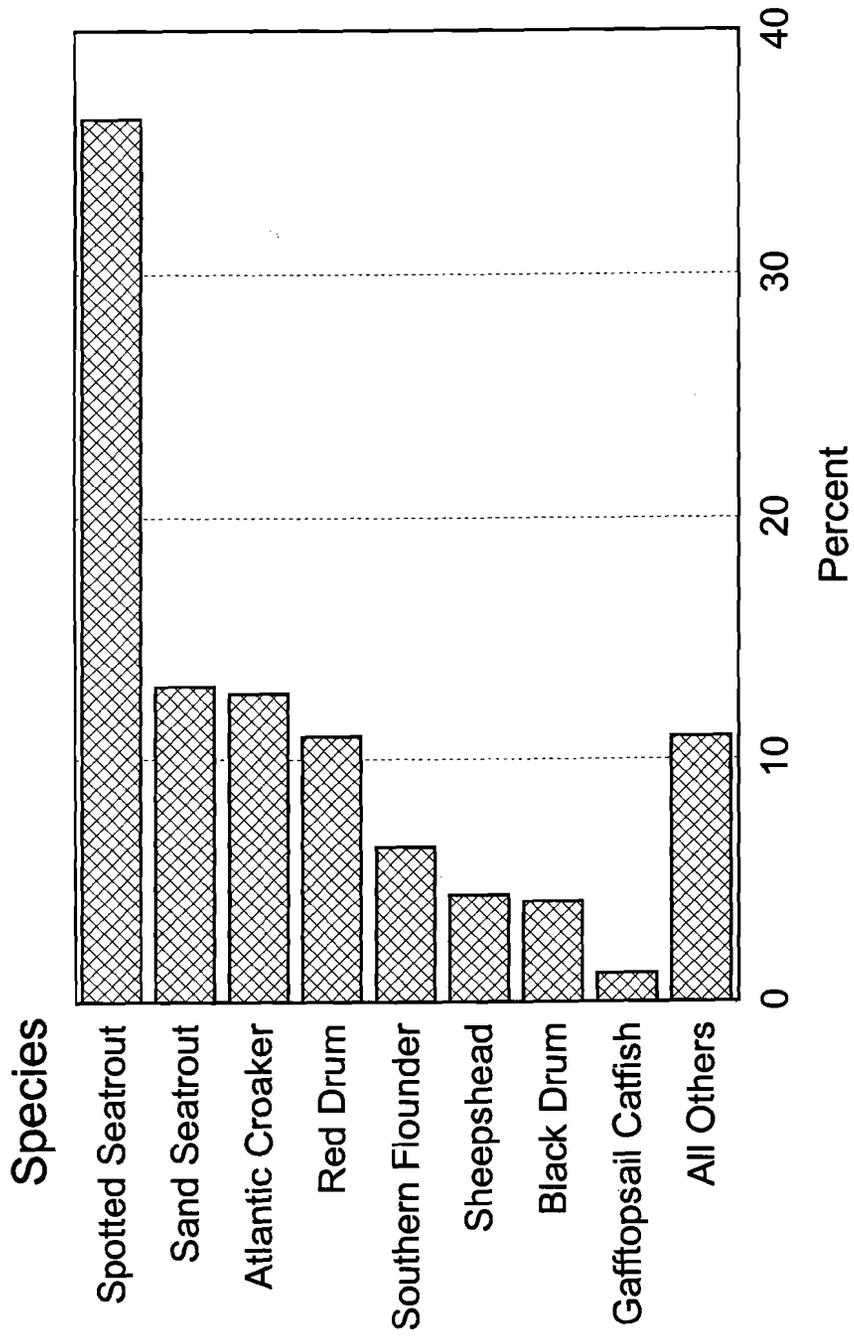


Figure 5. Species composition of annual coastwide bay and pass private-boat finfish landings, May 1993-May 2003 (10-year mean).

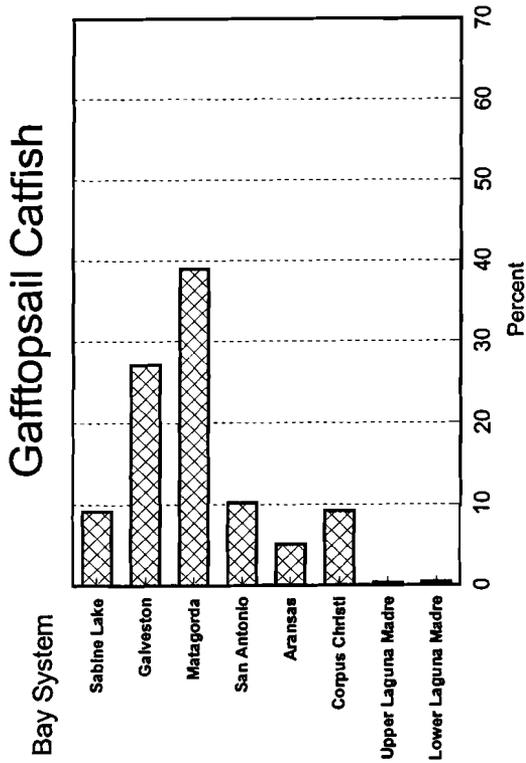
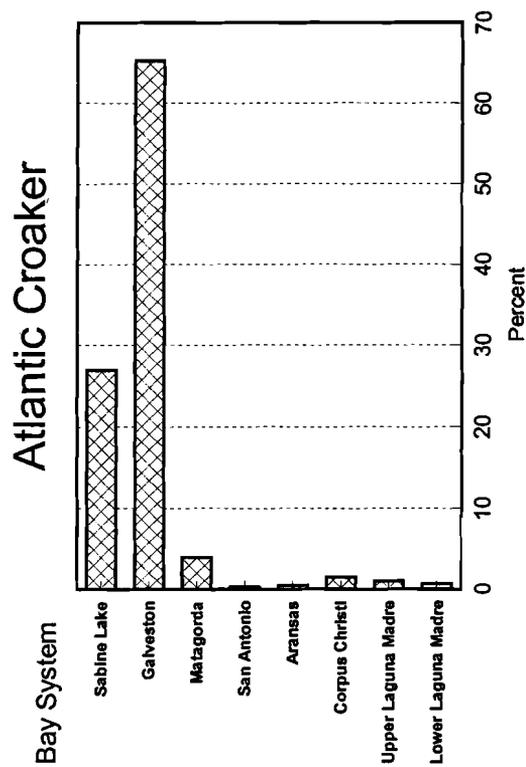
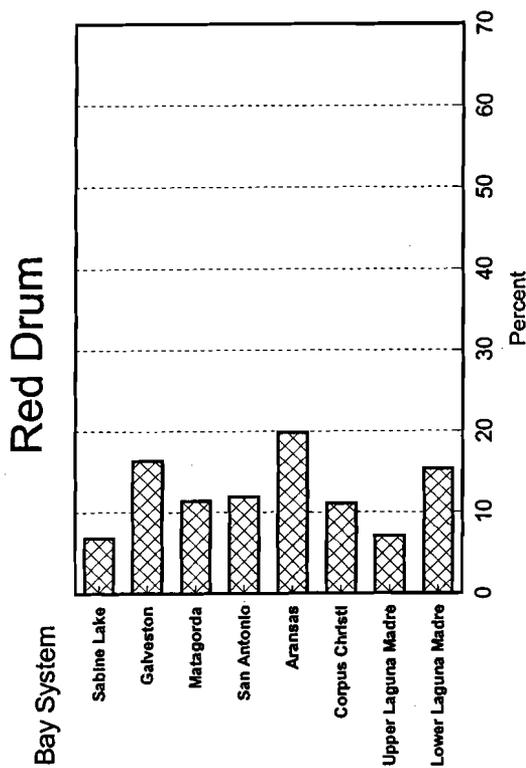
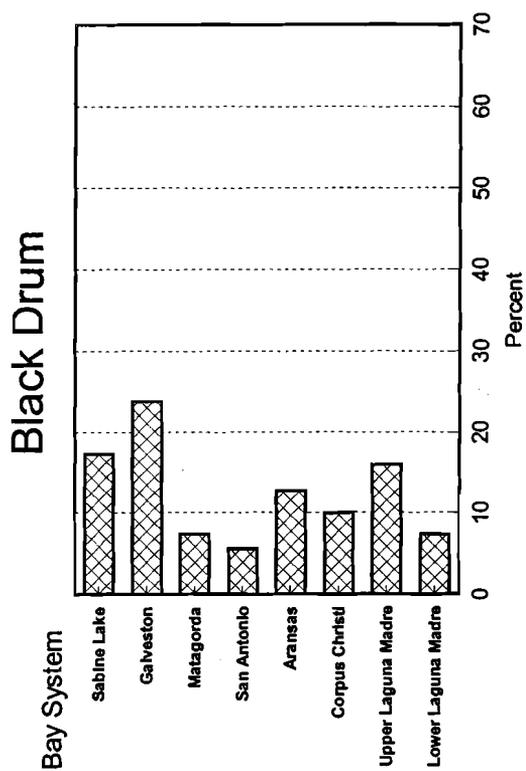


Figure 6. Distribution of annual bay and pass private-boat landings of selected finfishes among bay systems, May 1993-May 2003 (10-year mean).

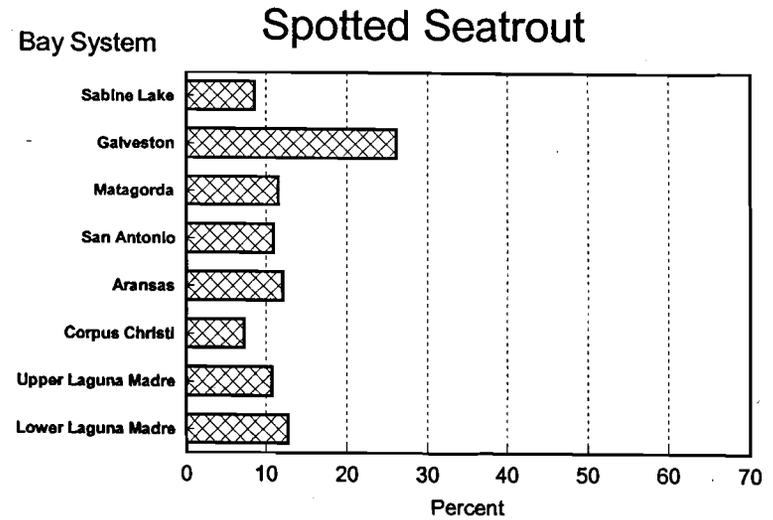
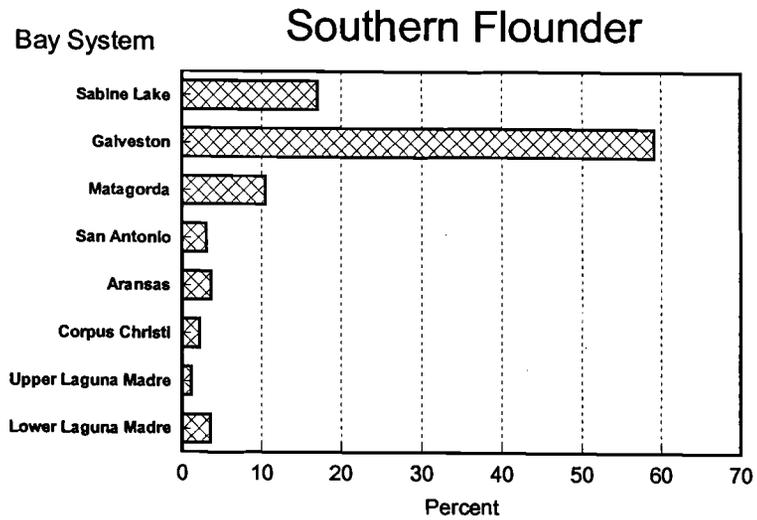
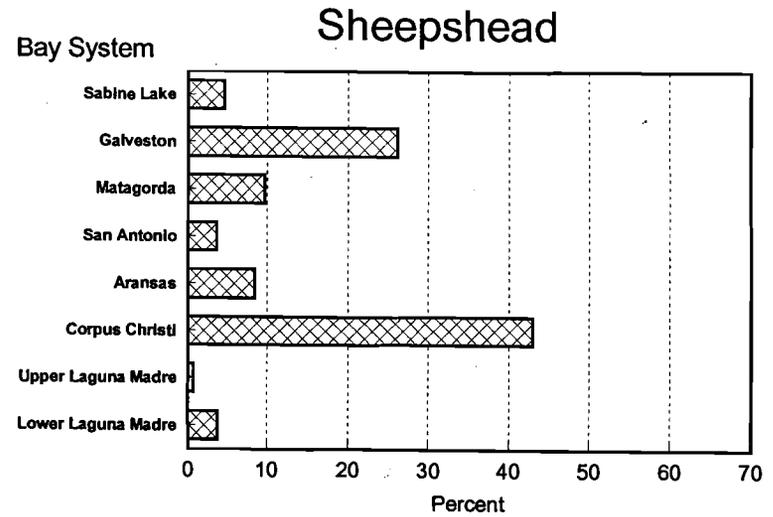
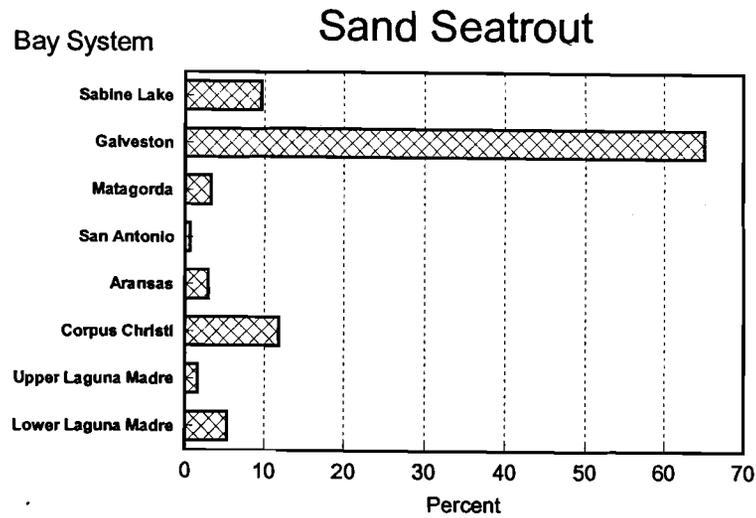


Figure 7. Distribution of annual bay and pass private-boat landings of selected finfishes among bay systems, May 1993-May 2003 (10-year mean).

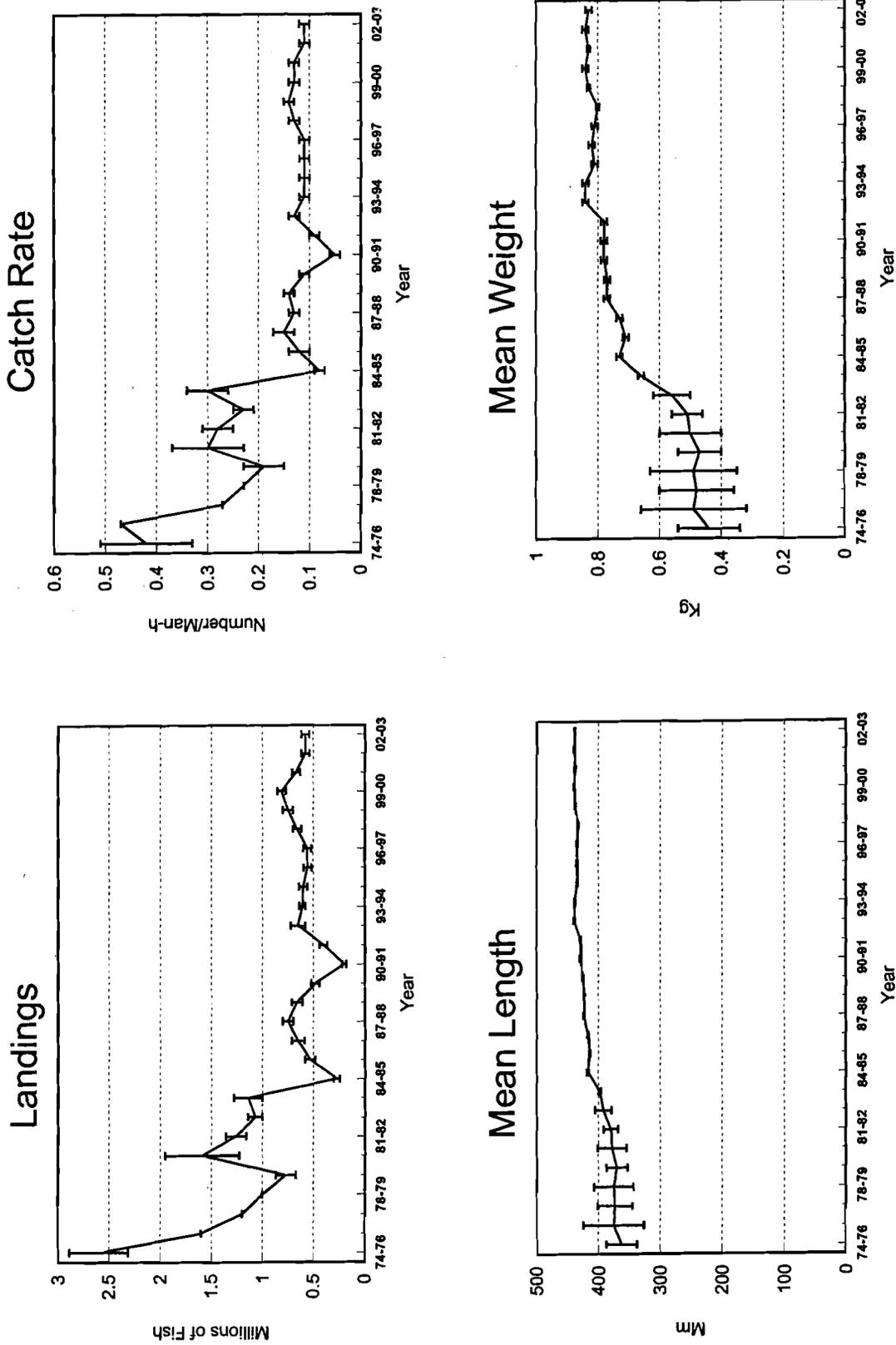


Figure 8. Annual coastwide statistics (± 1 SE) for spotted seatrout landed from bays and passes by private-boat anglers, May 1974-May 2003.

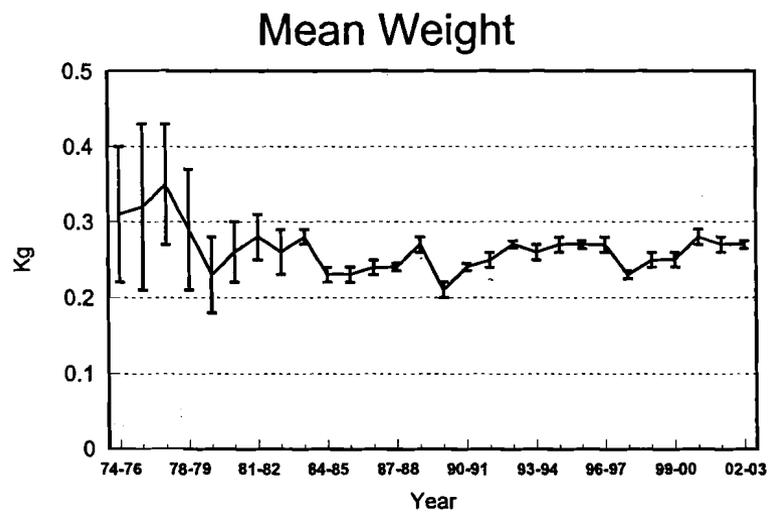
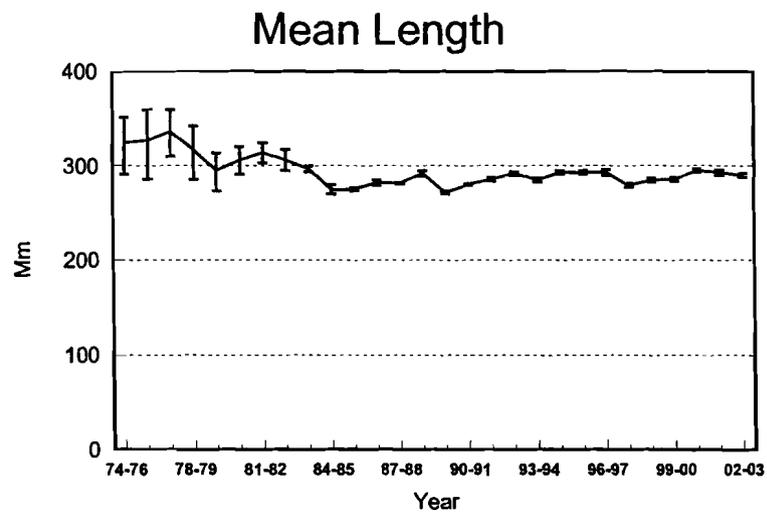
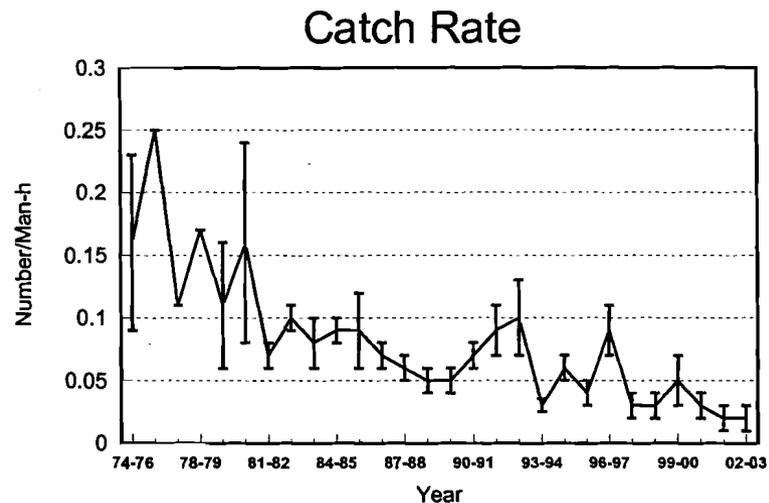
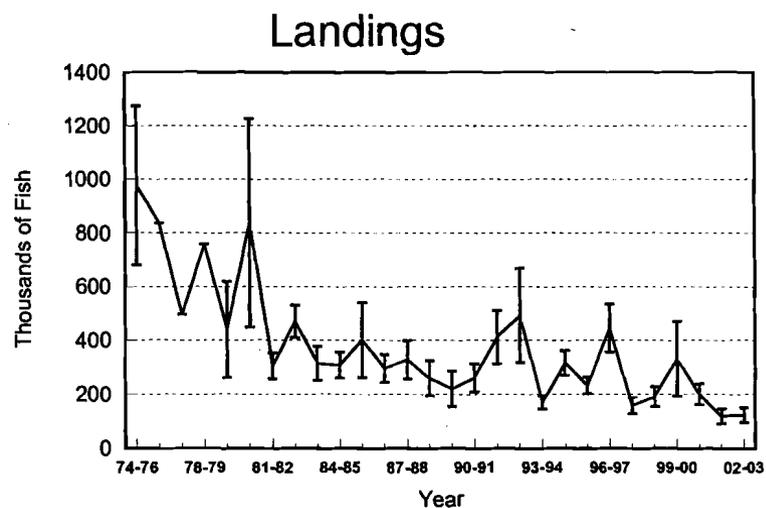


Figure 9. Annual coastwide statistics (± 1 SE) for sand seatrout landed from bays and passes by private-boat anglers, May 1974-May 2003.

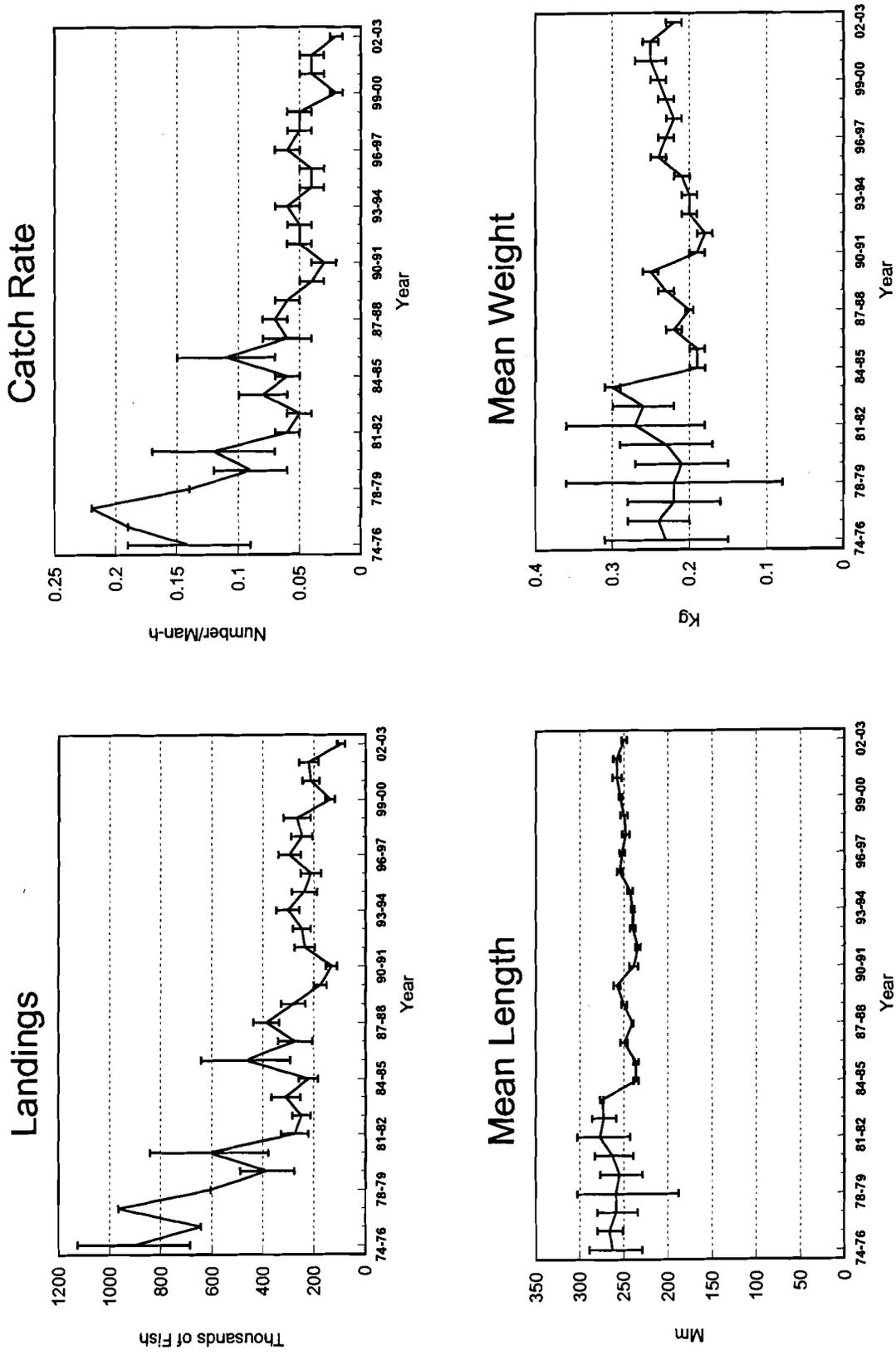


Figure 10. Annual coastwide statistics (± 1 SE) for Atlantic croaker landed from bays and passes by private-boat anglers, May 1974-May 2003.

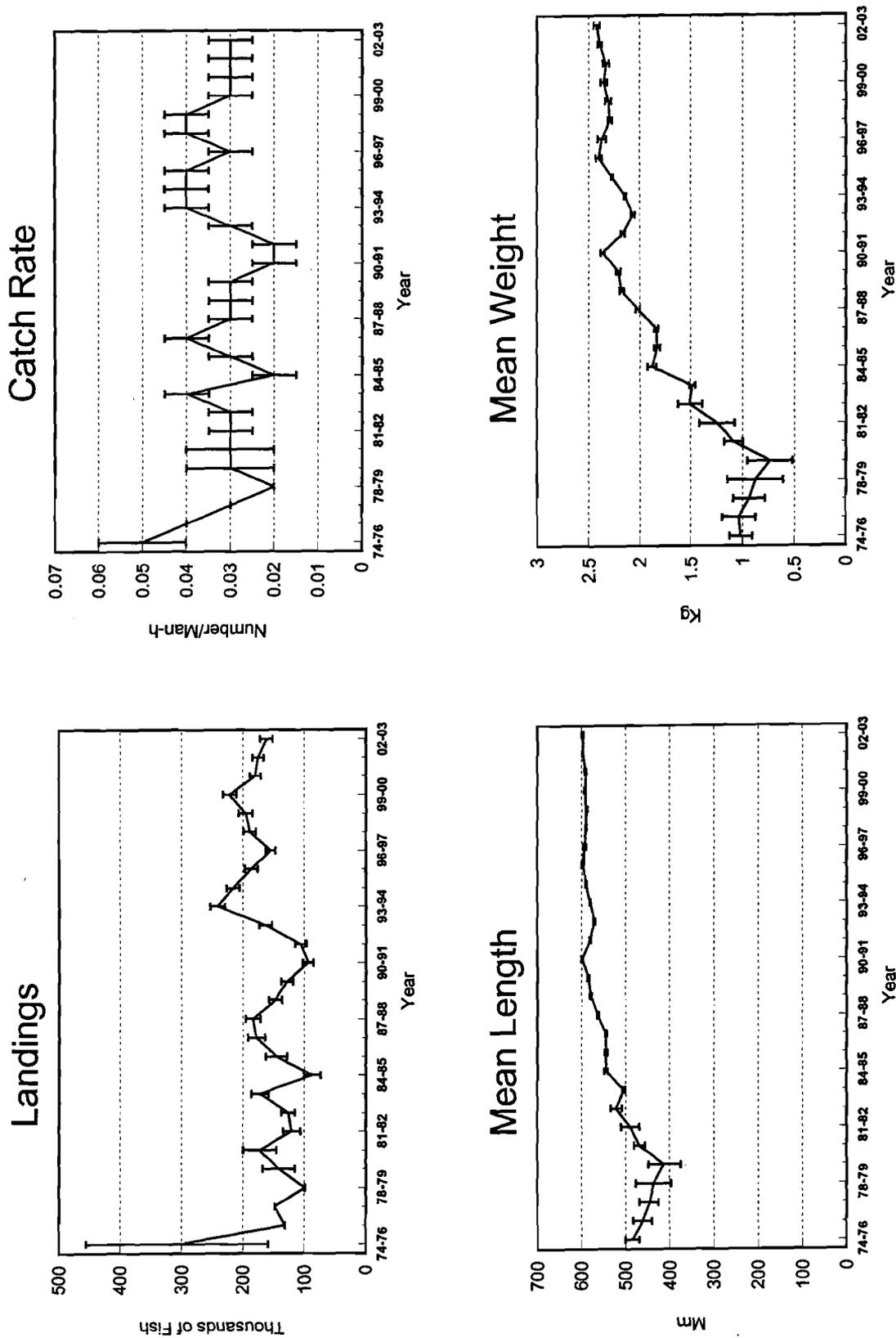


Figure 11. Annual coastwide statistics (± 1 SE) for red drum landed from bays and passes by private-boat anglers, May 1974-May 2003.

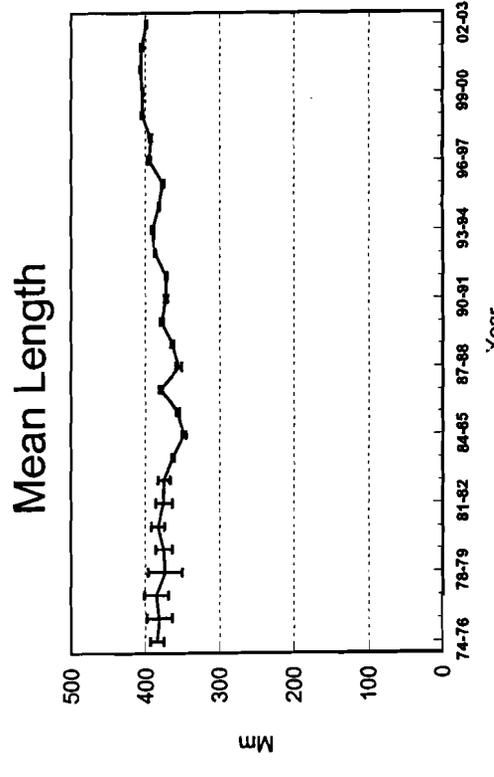
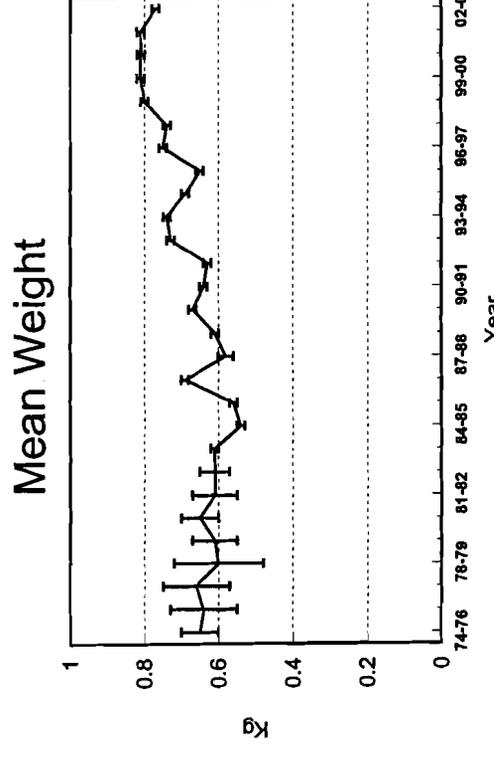
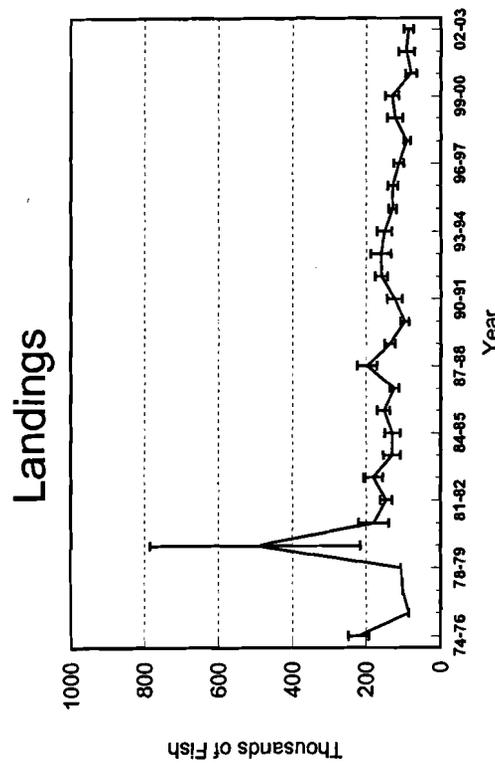
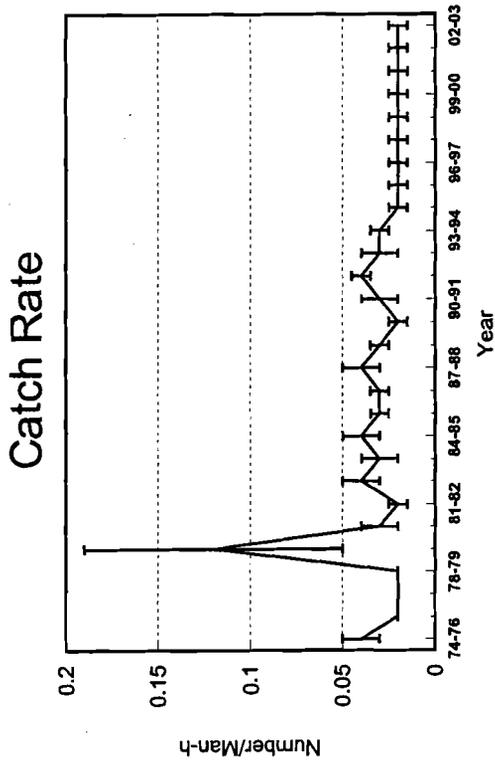


Figure 12. Annual coastwide statistics (± 1 SE) for southern flounder landed from bays and passes by private-boat anglers, May 1974-May 2003.

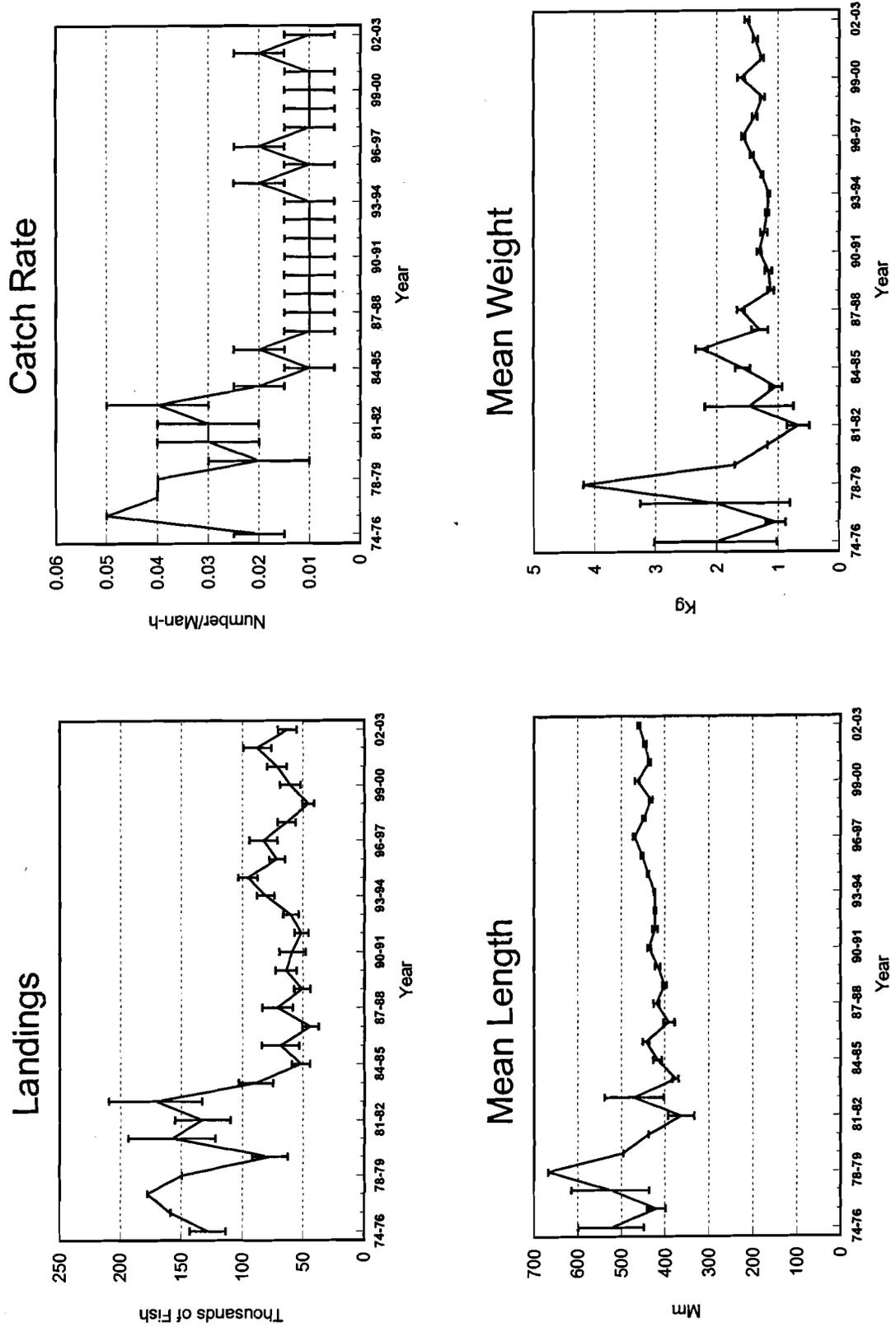


Figure 13. Annual coastwide statistics (± 1 SE) for black drum landed from bays and passes by private-boat anglers, May 1974-May 2003.

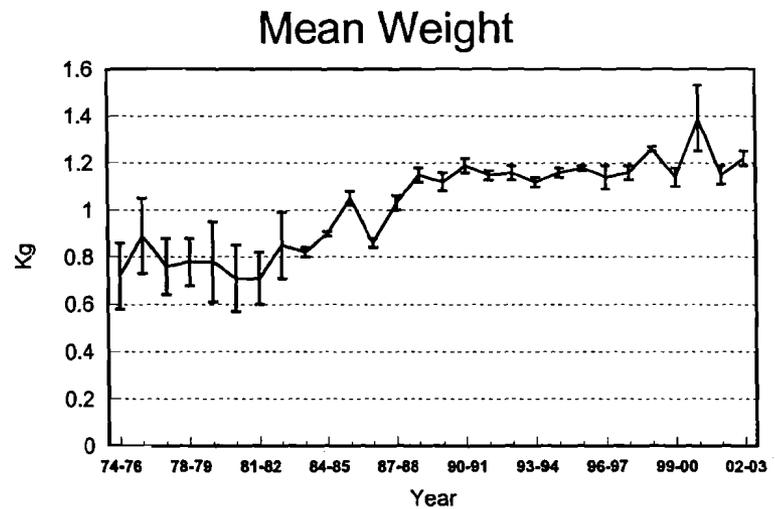
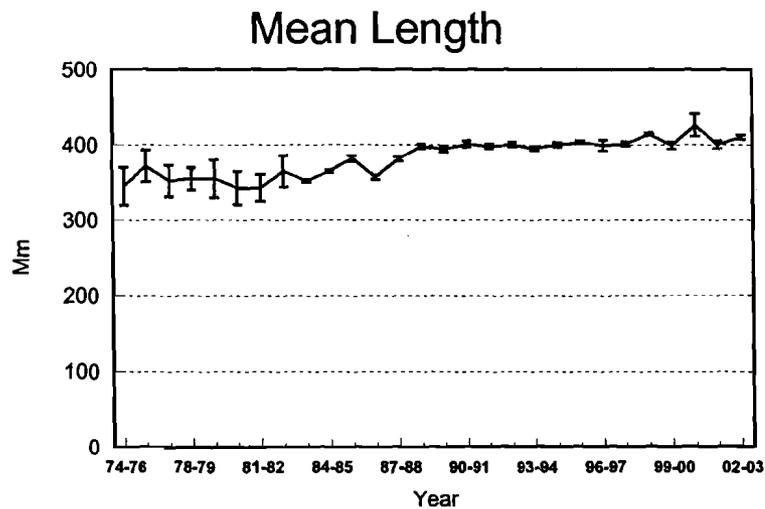
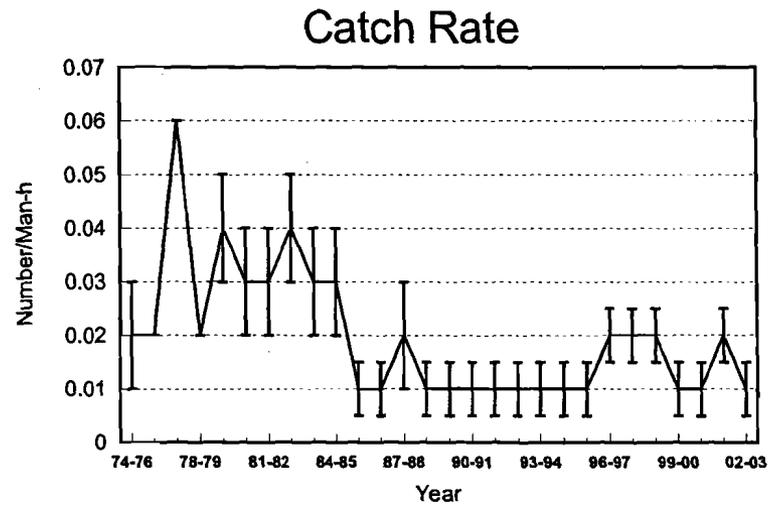
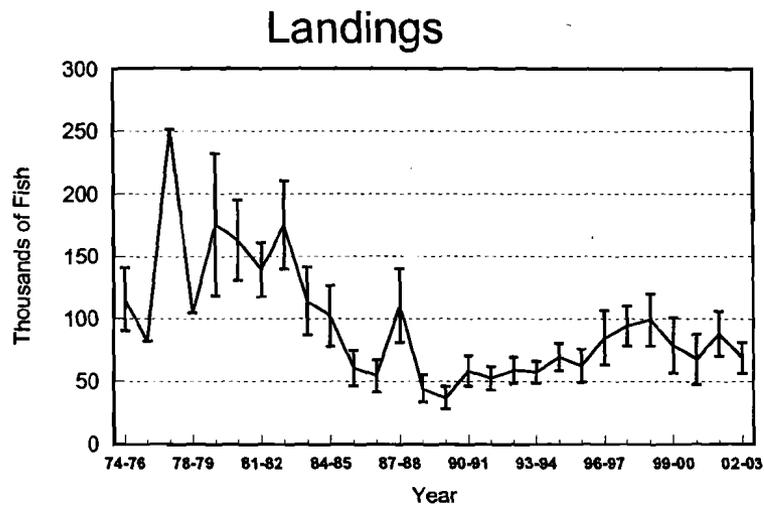


Figure 14. Annual coastwide statistics (± 1 SE) for sheephead landed from bays and passes by private-boat anglers, May 1974-May 2003.

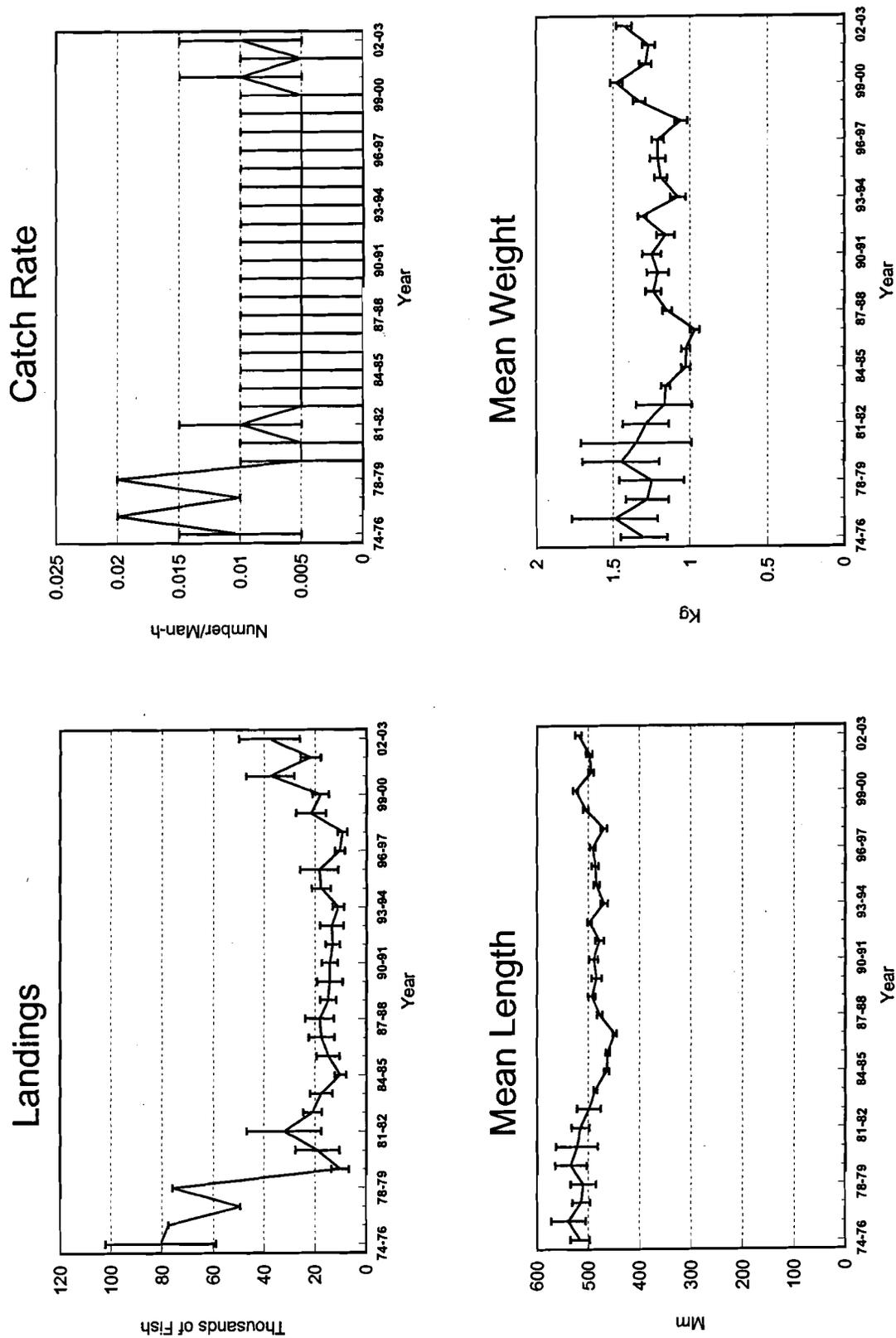


Figure 15. Annual coastwide statistics (± 1 SE) for gafftopsail catfish landed from bays and passes by private-boat anglers, May 1974-May 2003.

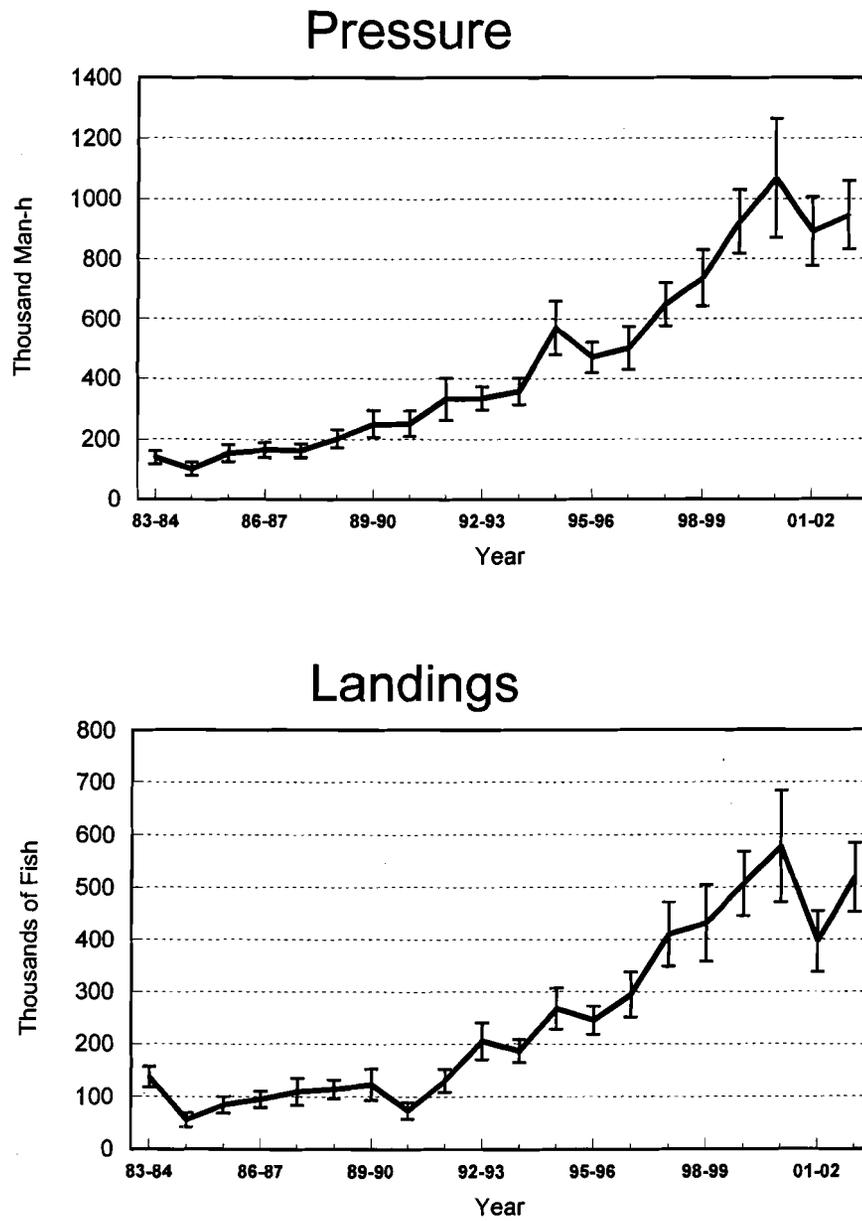


Figure 16. Annual coastwide party-boat fishing pressure (± 1 SE) and landings (± 1 SE) in Texas bays and passes, May 1983-May 2003.

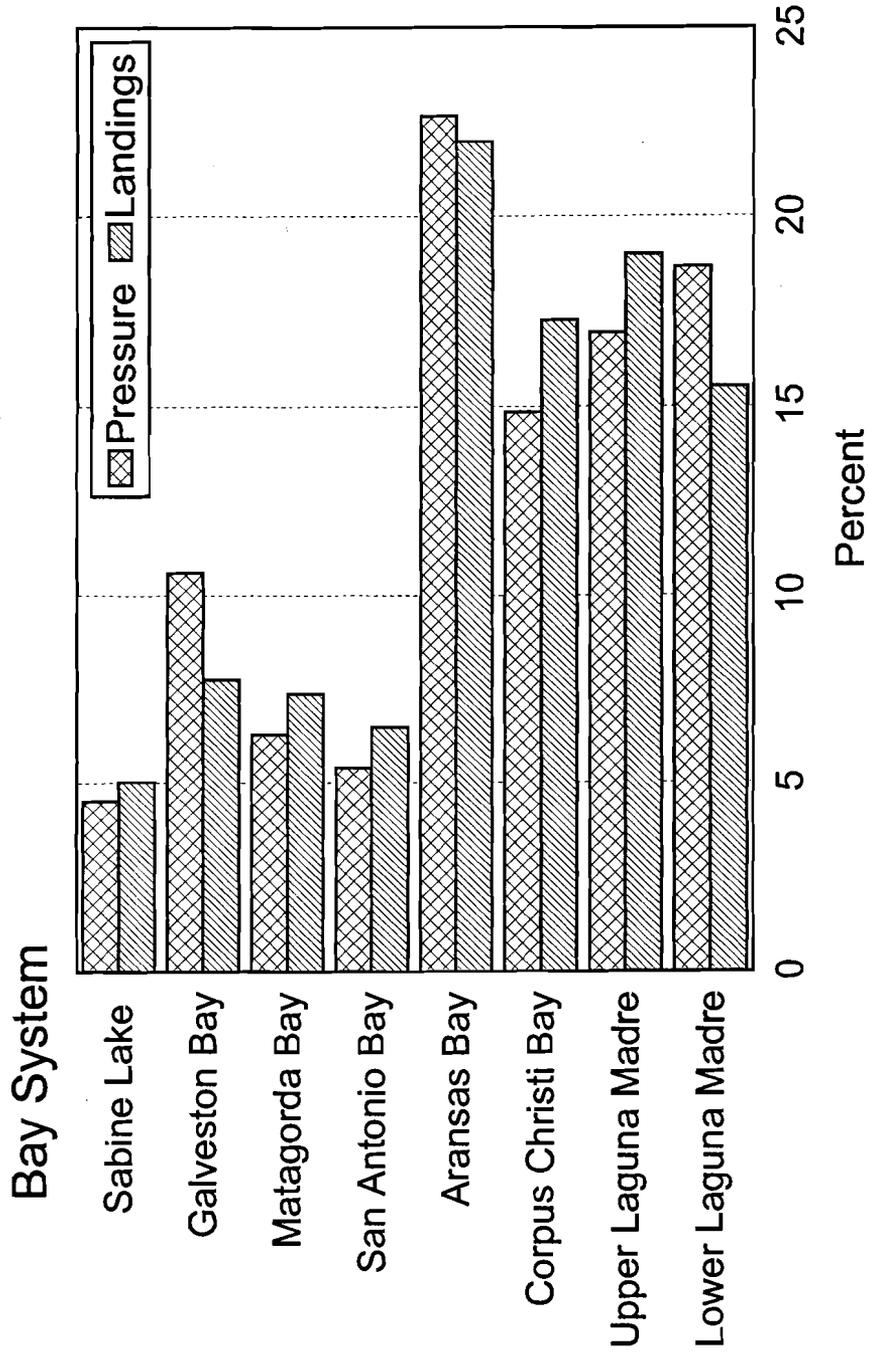


Figure 17. Distribution of annual bay and pass party-boat fishing pressure and landings among bay systems, May 1993-May 2003 (10-year mean).

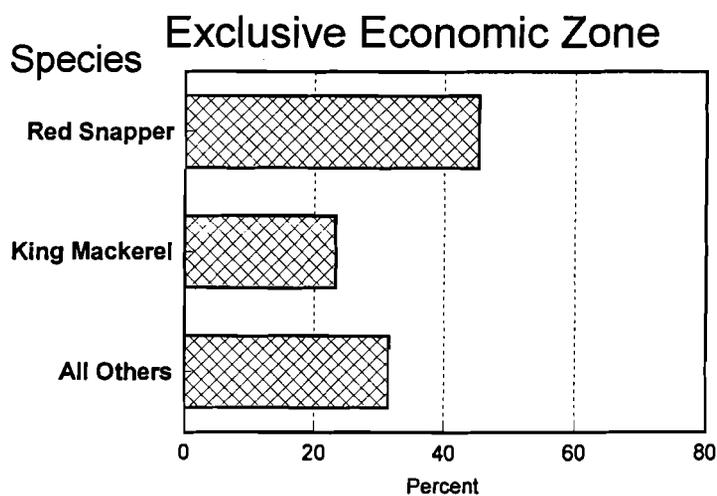
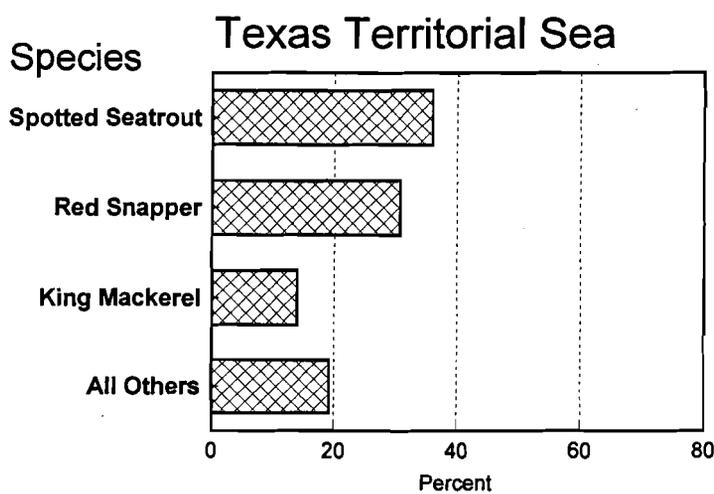
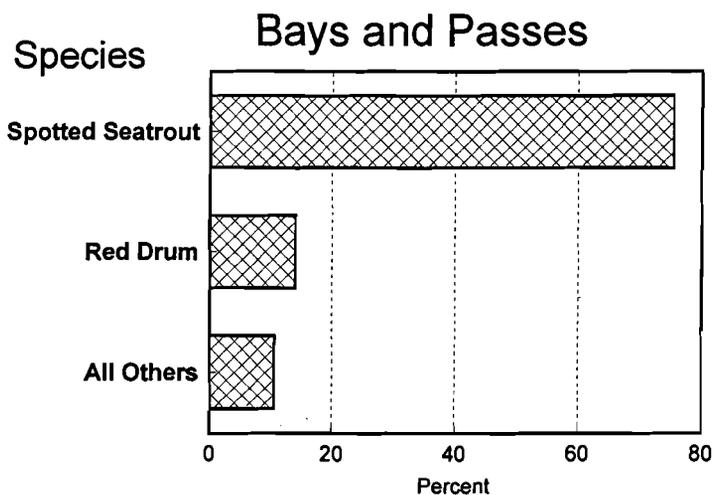


Figure 18. Species composition of annual coastwide party-boat finfish landings in bays and passes, the Texas Territorial Sea, and the Exclusive Economic Zone, May 1993-May 2003 (10-year mean).

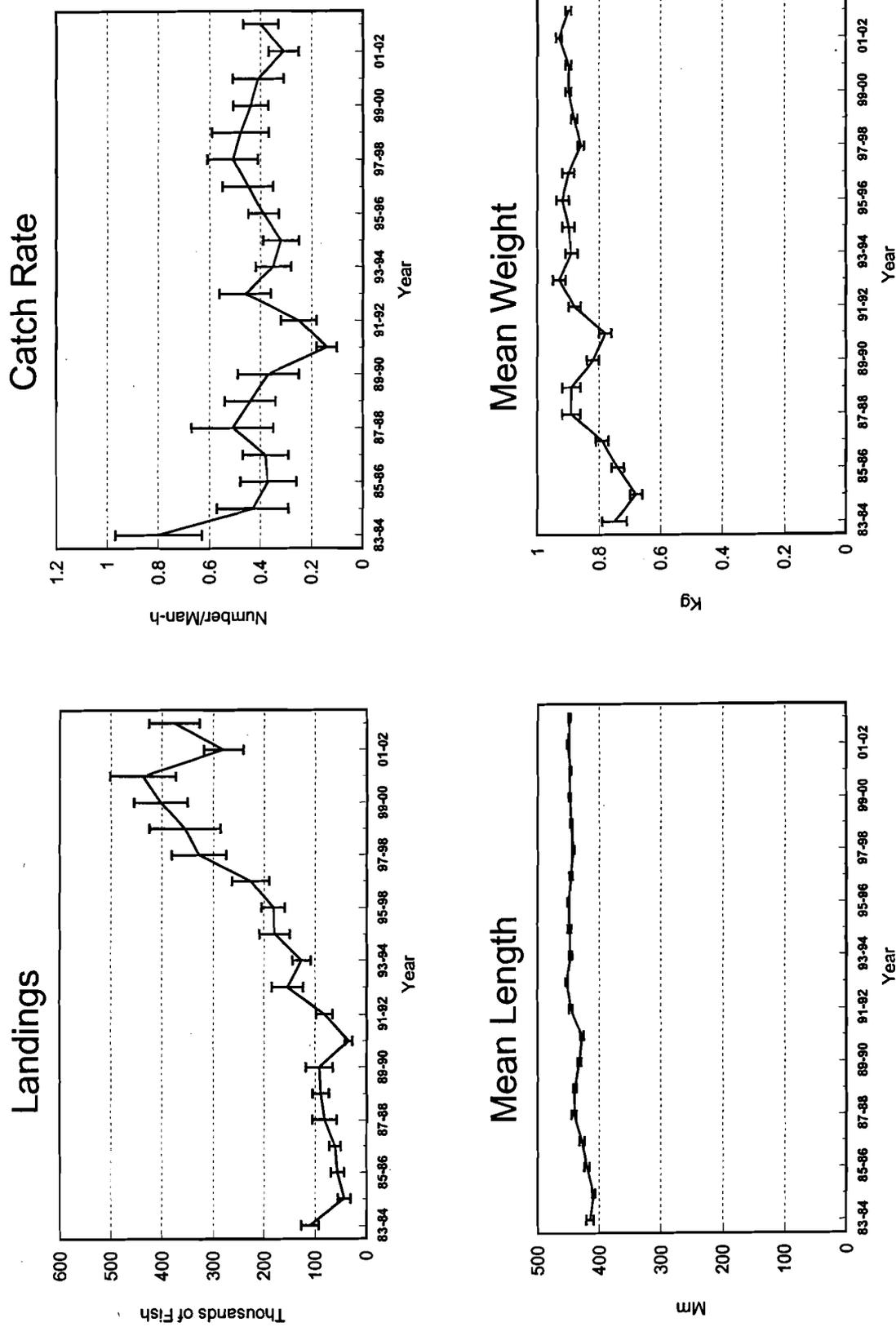


Figure 19. Annual coastwide statistics (± 1 SE) for spotted seatrout landed from bays and passes by party-boat anglers, May 1983-May 2003.

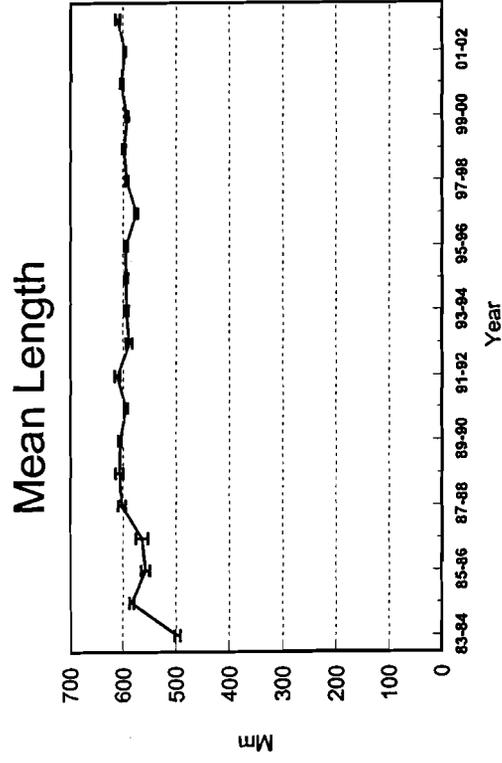
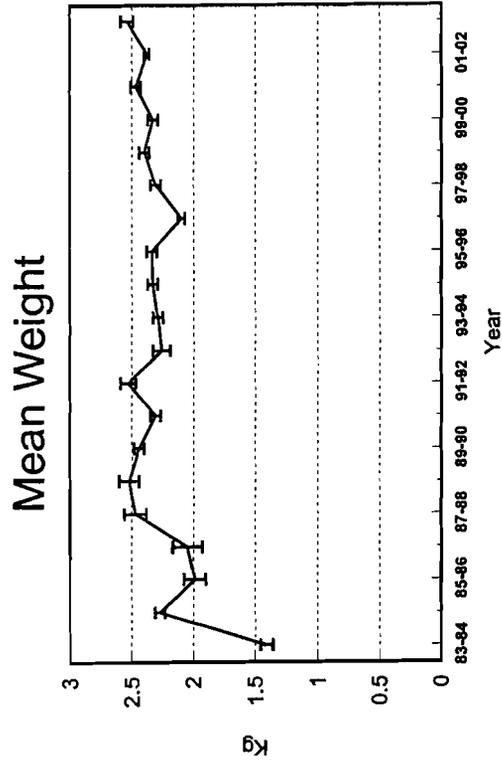
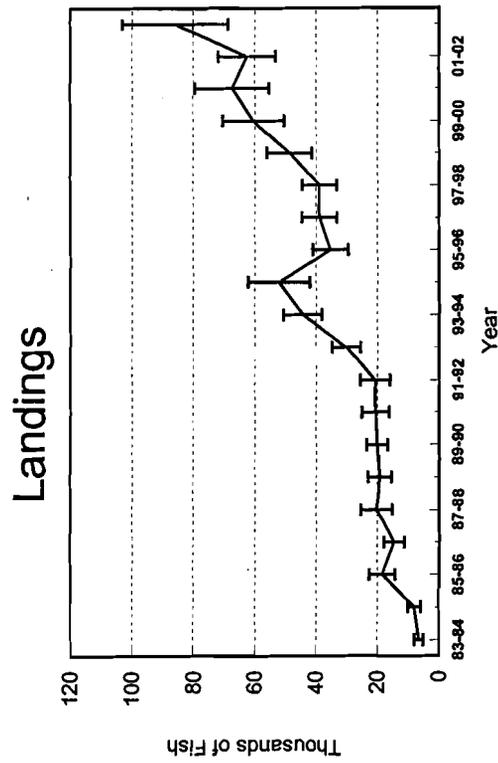
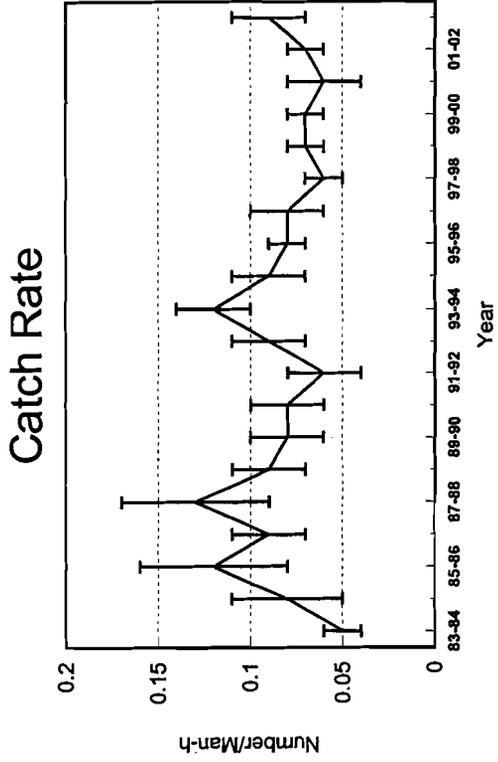


Figure 20. Annual coastwide statistics (± 1 SE) for red drum landed from bays and passes by party-boat anglers, May 1983-May 2003.

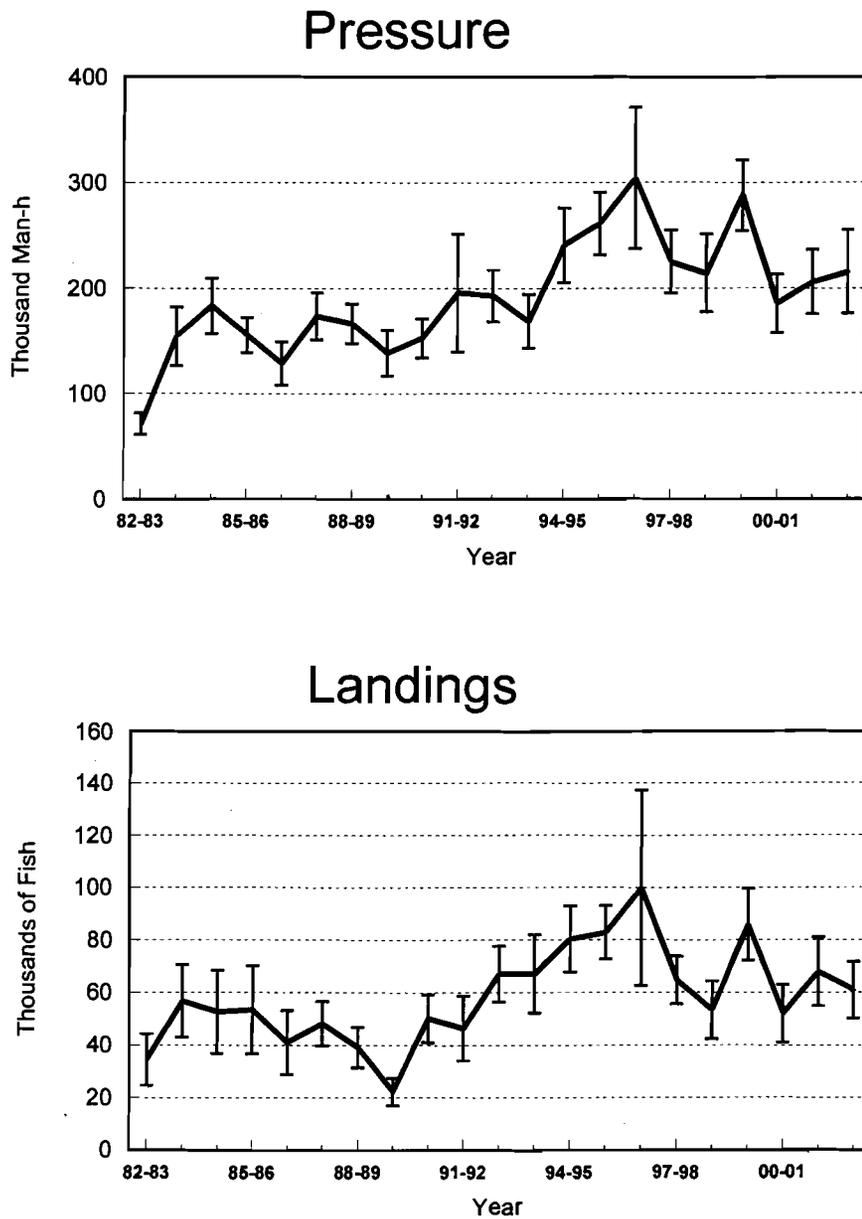


Figure 21. Annual coastwide private-boat fishing pressure (± 1 SE) and landings (± 1 SE) in the Texas Territorial Sea, May 1982-May 2003.

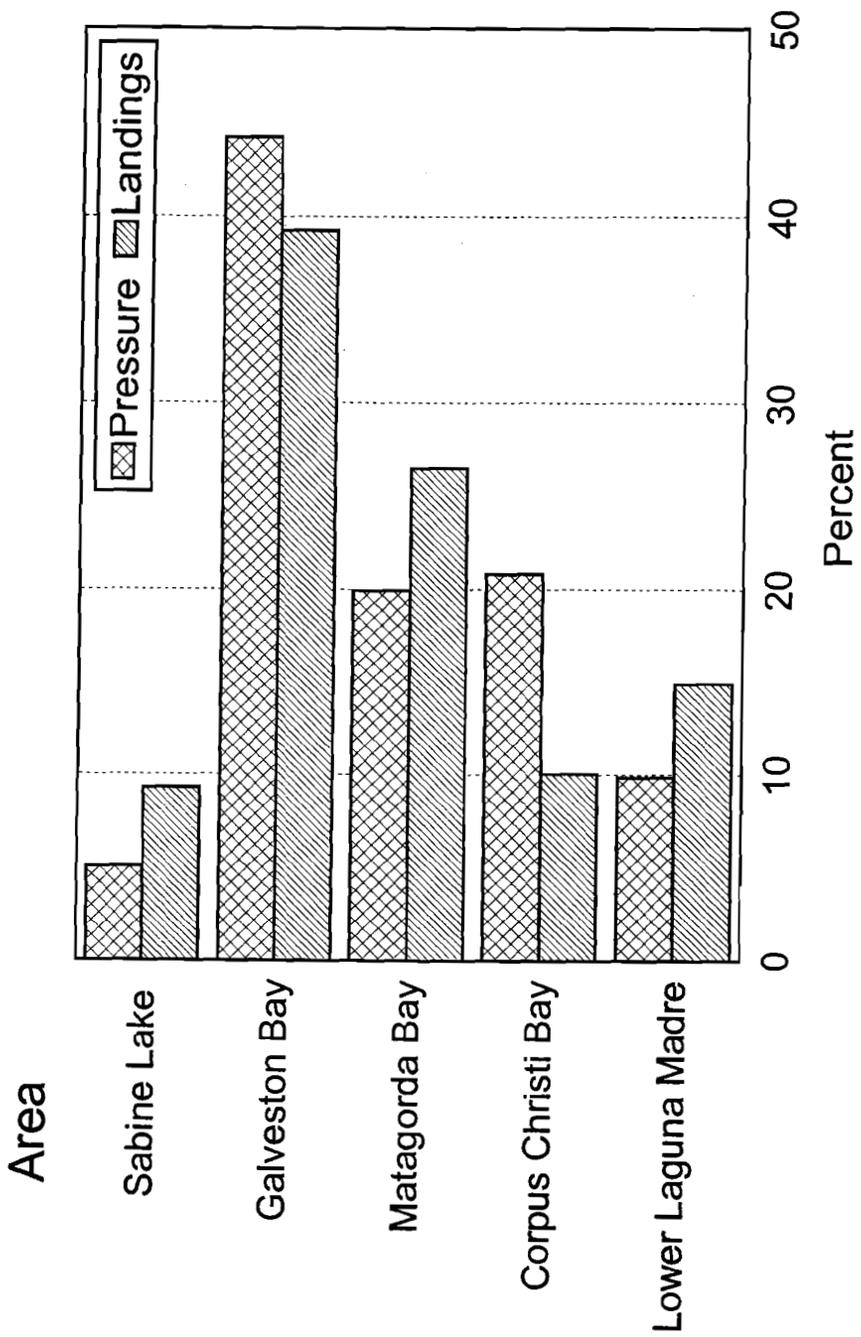


Figure 22. Distribution of annual Texas Territorial Sea private-boat fishing pressure and landings among areas, May 1993-May 2003 (10-year mean).

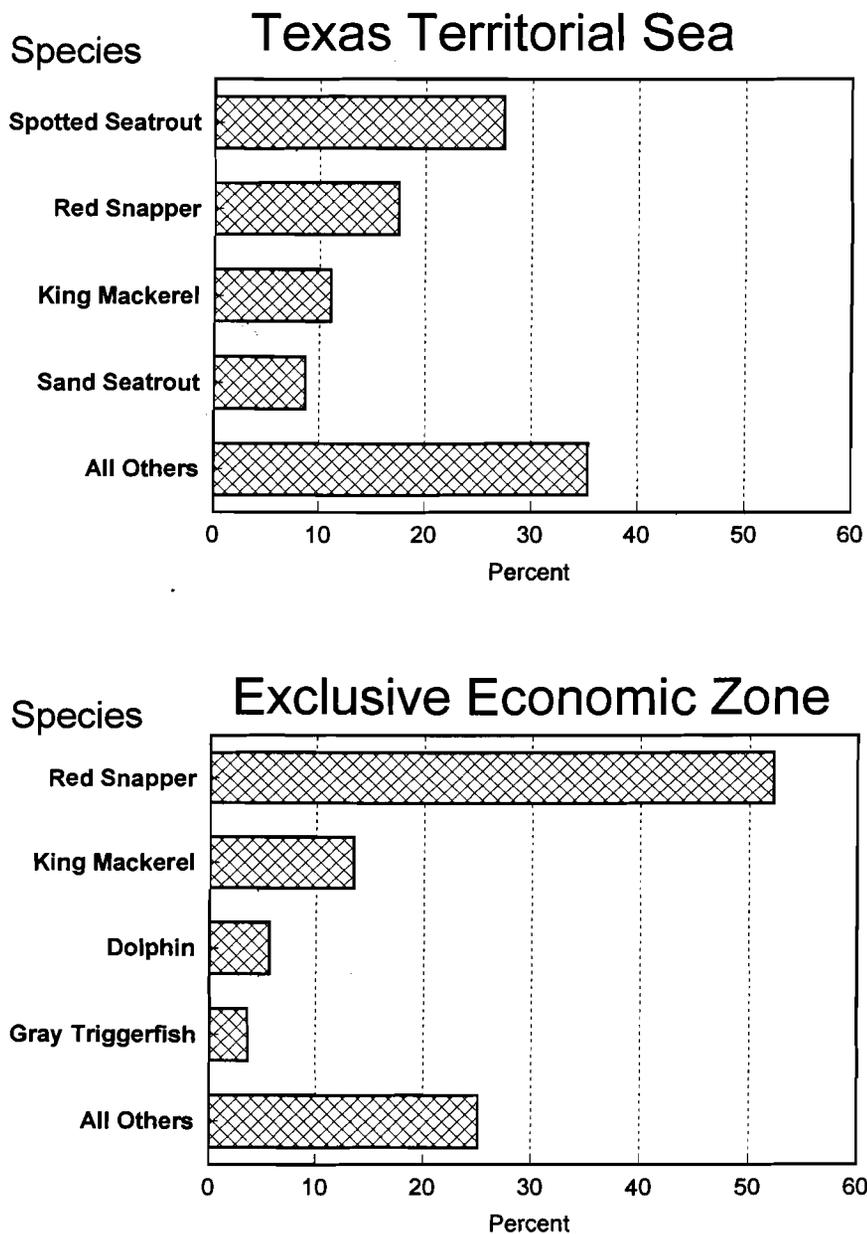


Figure 23. Species composition of annual coastwide private-boat finfish landings in the Texas Territorial Sea and the Exclusive Economic Zone, May 1993-May 2003 (10-year mean).

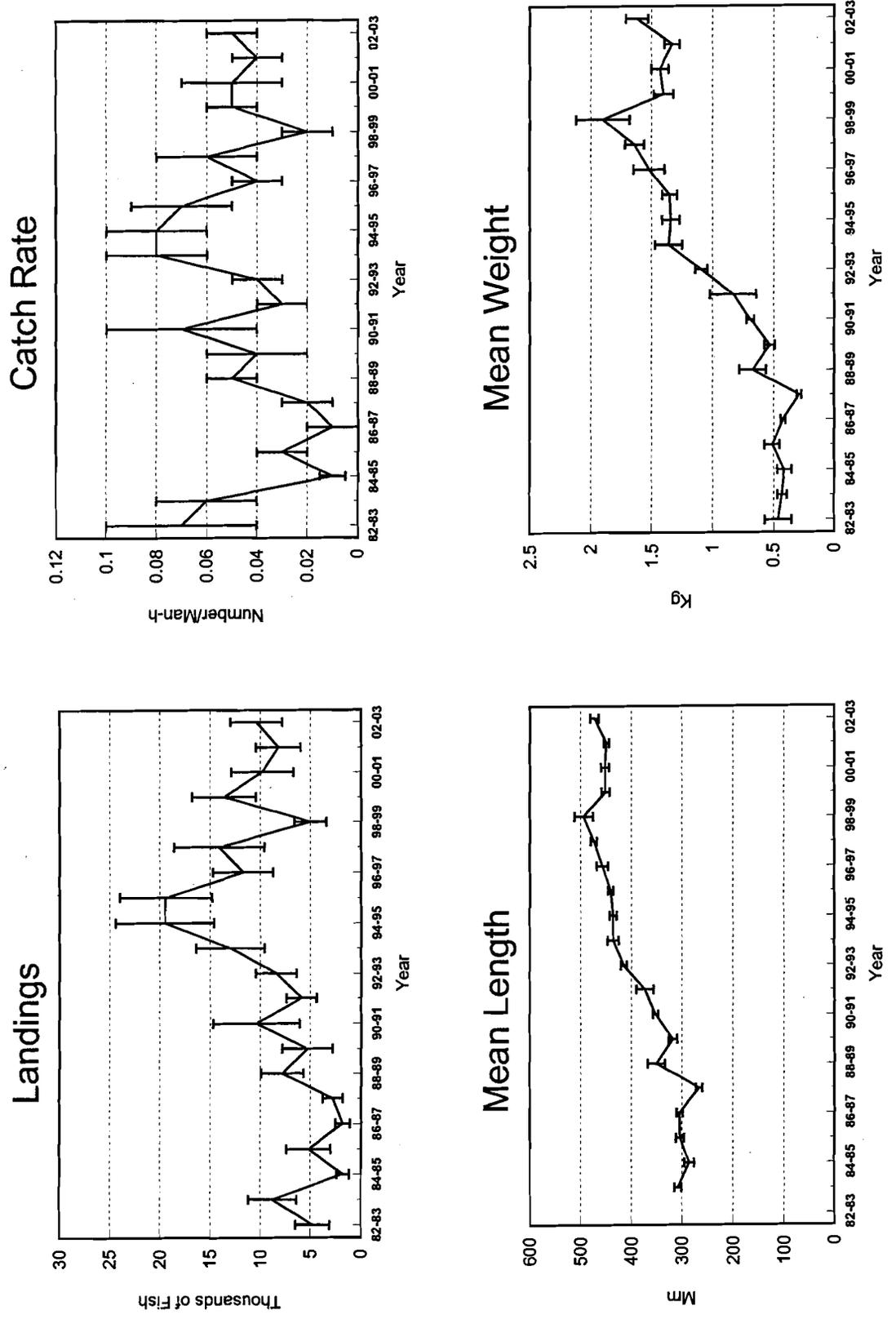


Figure 24. Annual coastwide statistics (± 1 SE) for red snapper landed from the Texas Territorial Sea by private-boat anglers, May 1982-May 2003.

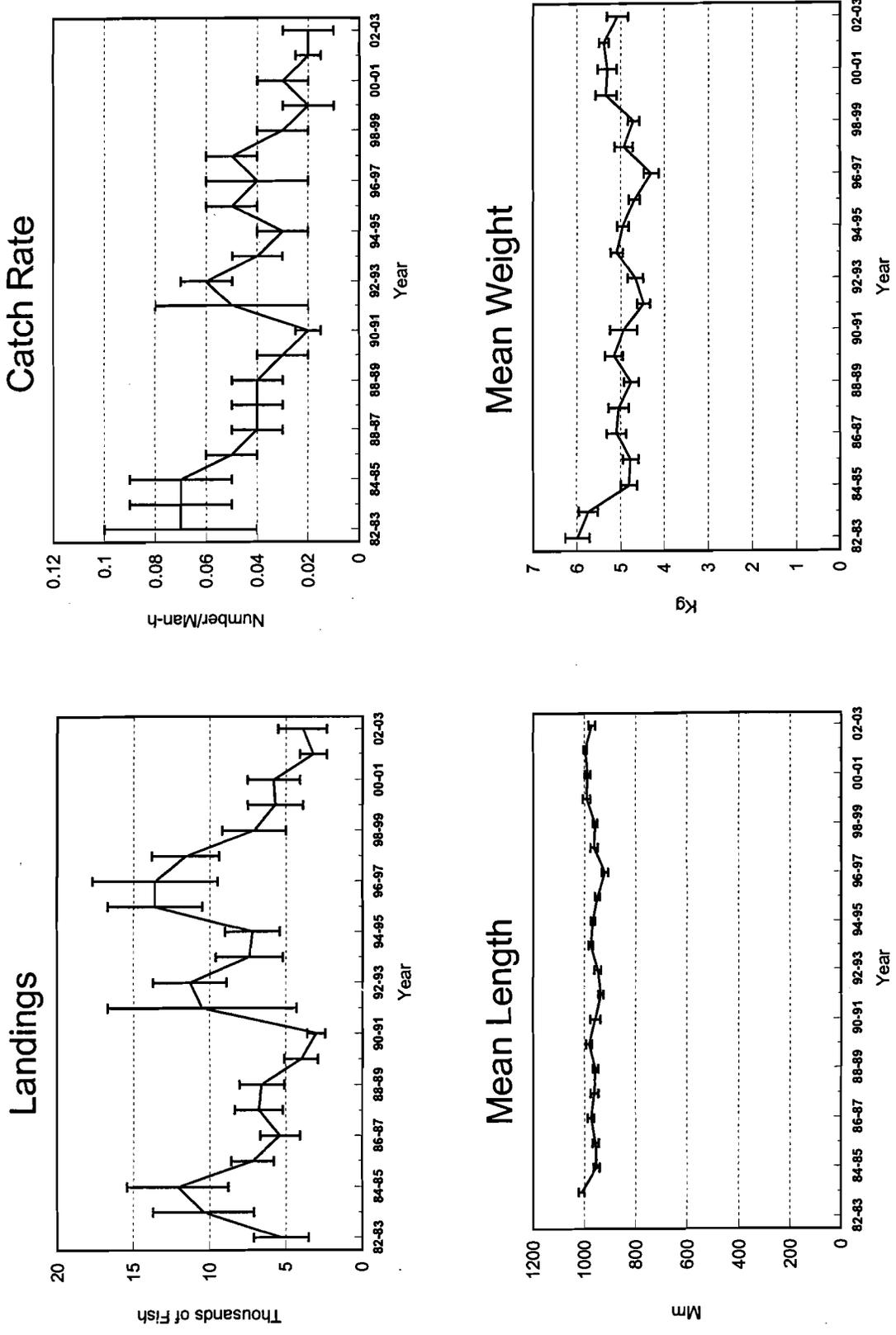


Figure 25. Annual coastwide statistics (± 1 SE) for king mackerel landed from the Texas Territorial Sea by private-boat anglers, May 1982-May 2003.

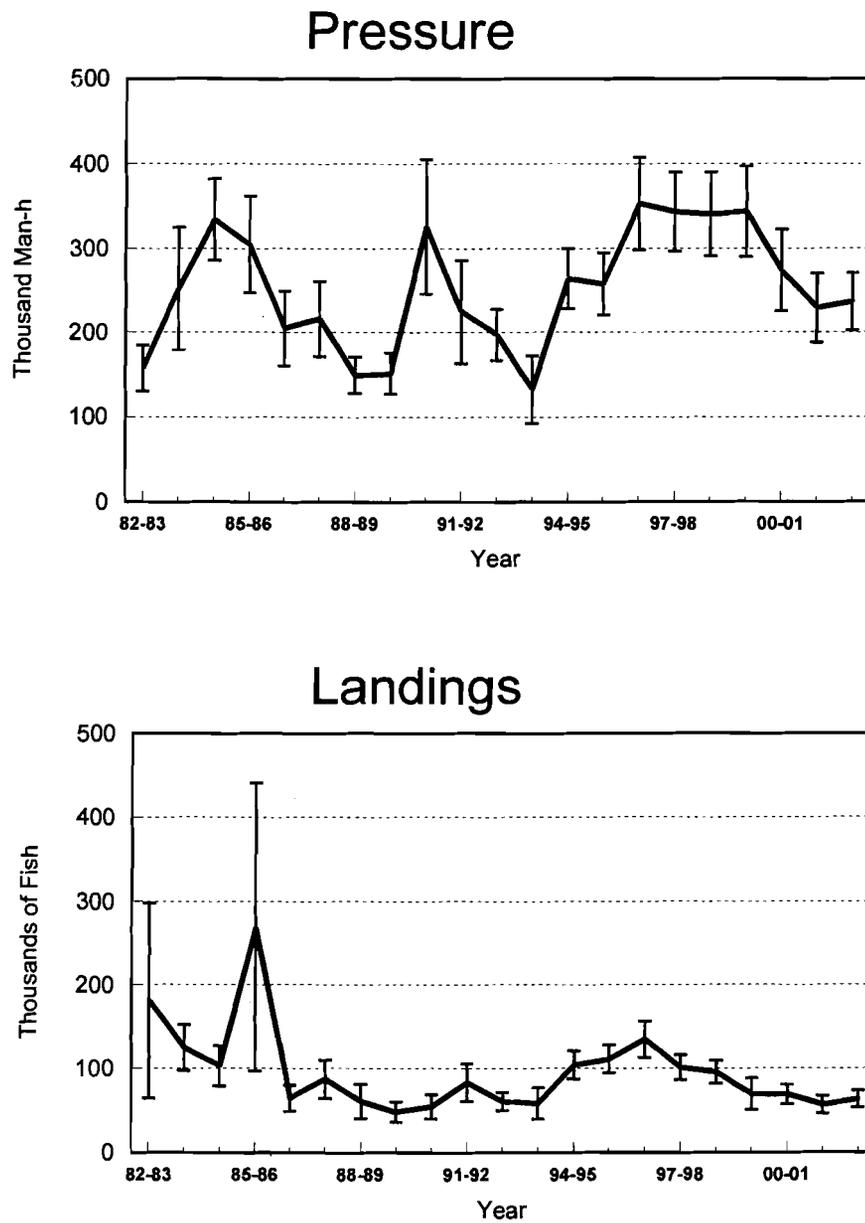


Figure 26. Annual coastwide private-boat fishing pressure (± 1 SE) and landings (± 1 SE) in the Exclusive Economic Zone, May 1982-May 2003.

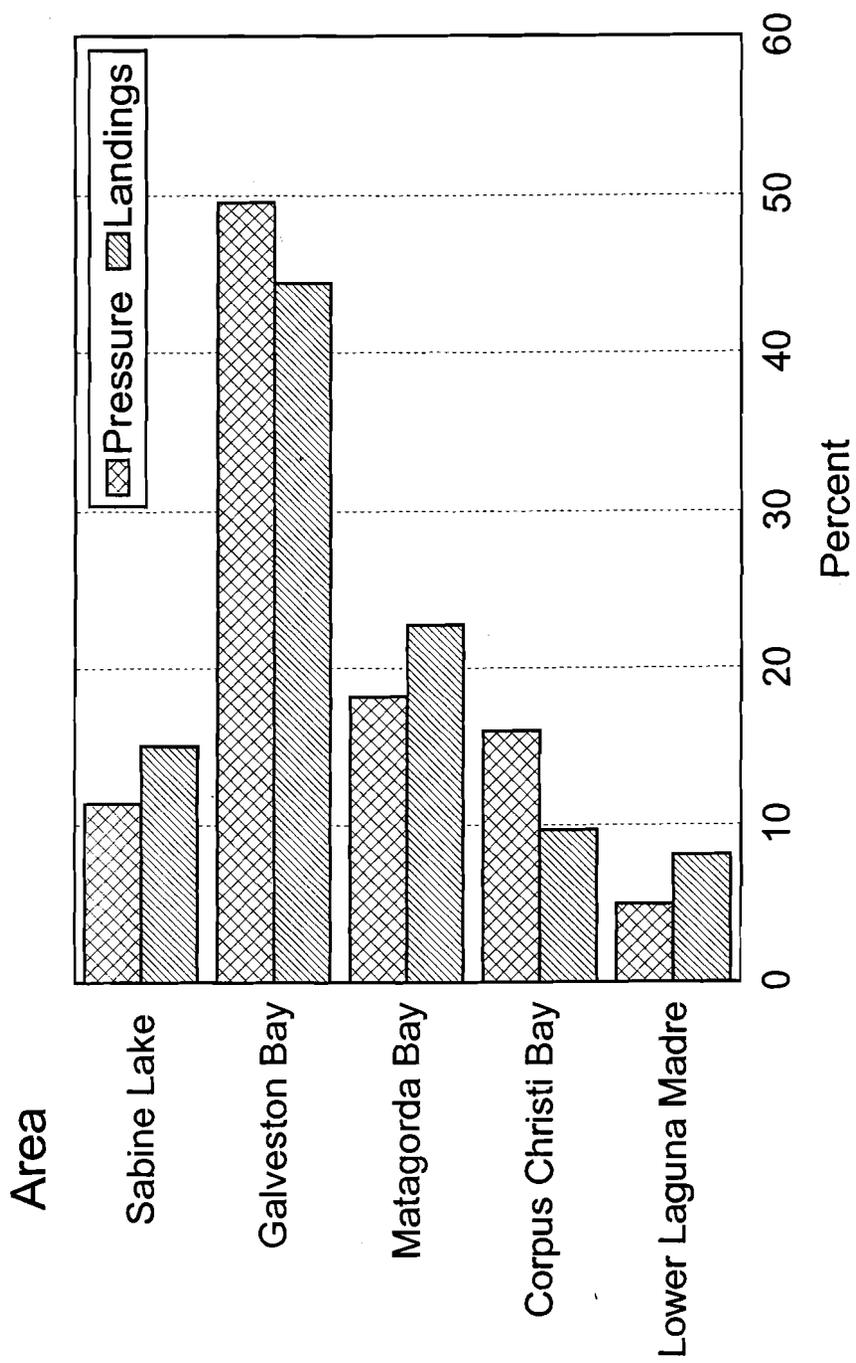


Figure 27. Distribution of annual Exclusive Economic Zone private-boat fishing pressure and landings among areas, May 1993-May 2003 (10-year mean).

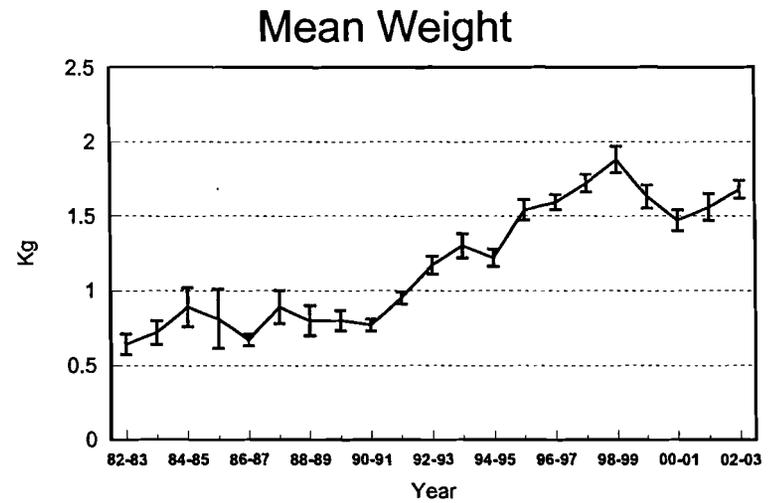
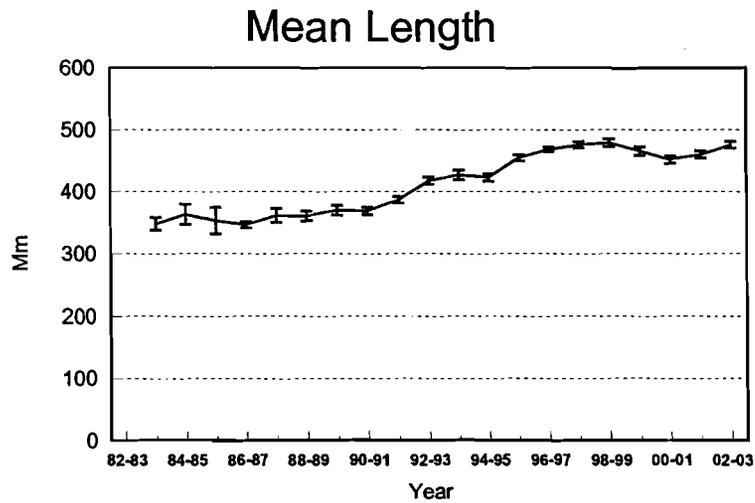
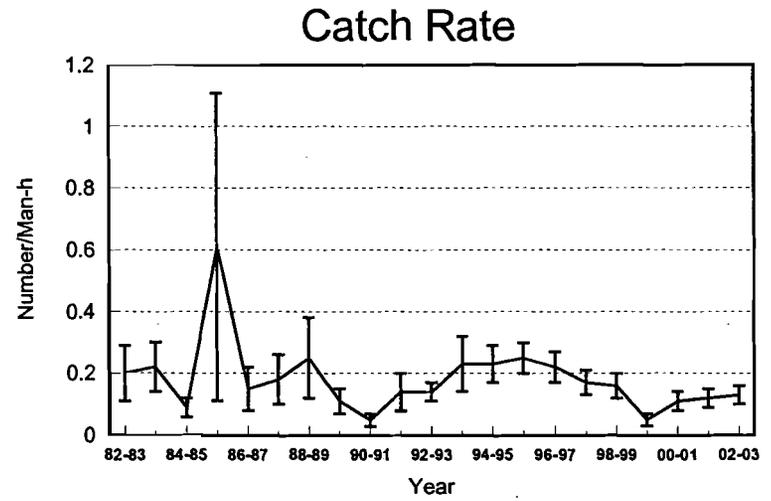
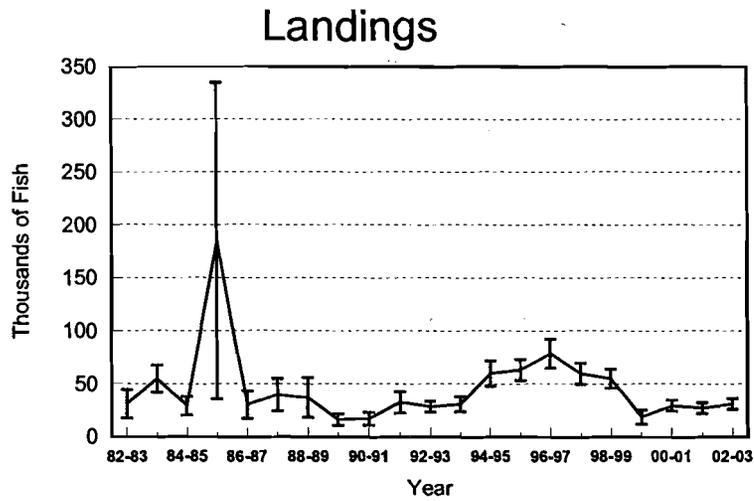


Figure 28. Annual coastwide statistics (± 1 SE) for red snapper landed from the Exclusive Economic Zone by private-boat anglers, May 1982-May 2003.

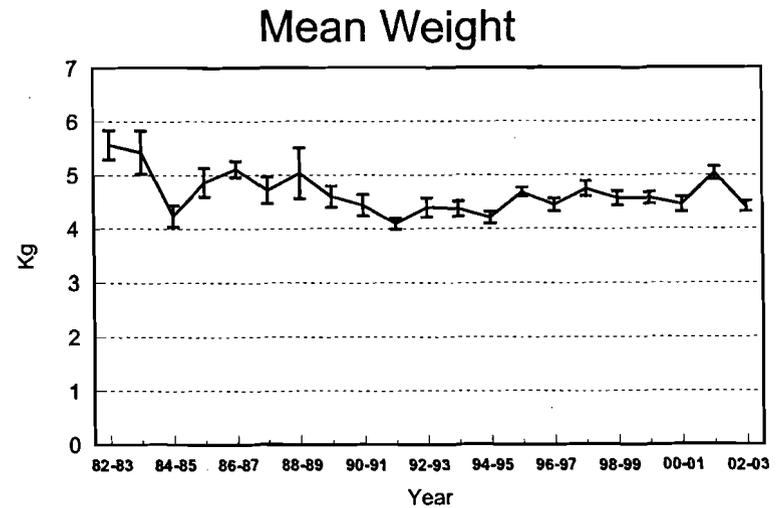
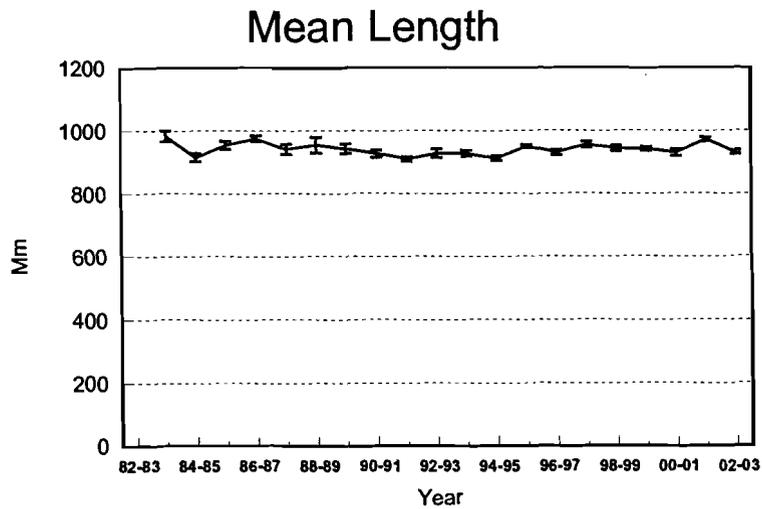
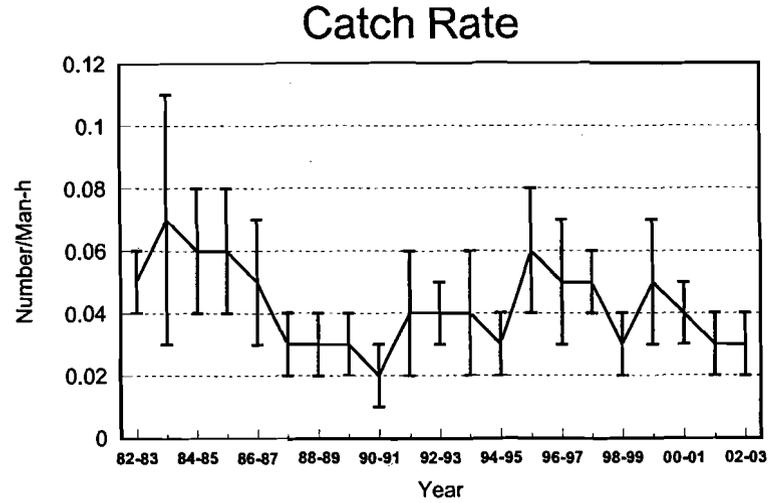
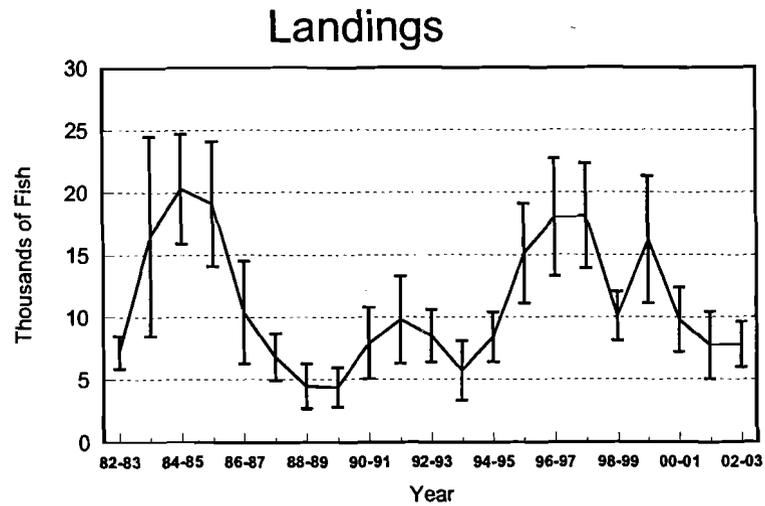
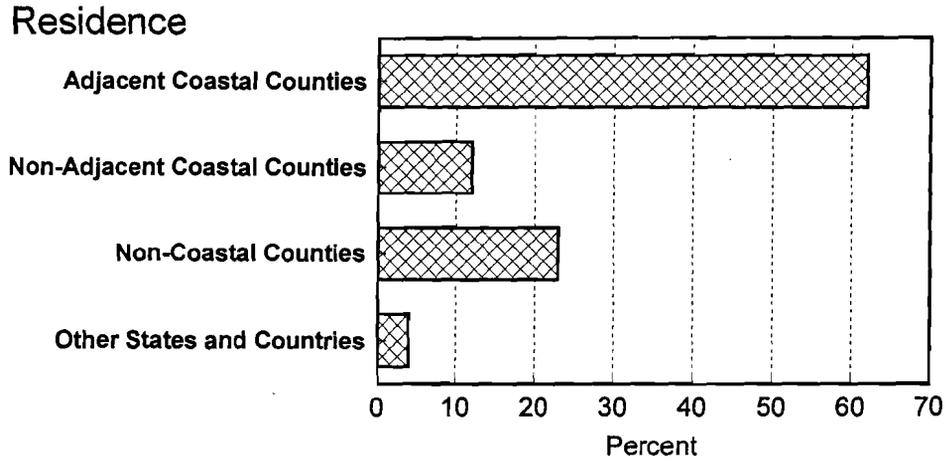
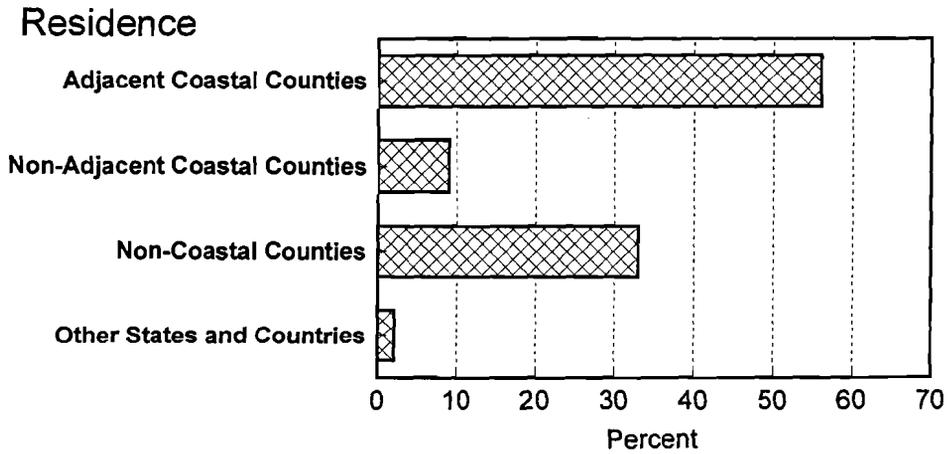


Figure 29. Annual coastwide statistics (± 1 SE) for king mackerel landed from the Exclusive Economic Zone by private-boat anglers, May 1982-May 2003.

Bays and Passes



Texas Territorial Sea



Exclusive Economic Zone

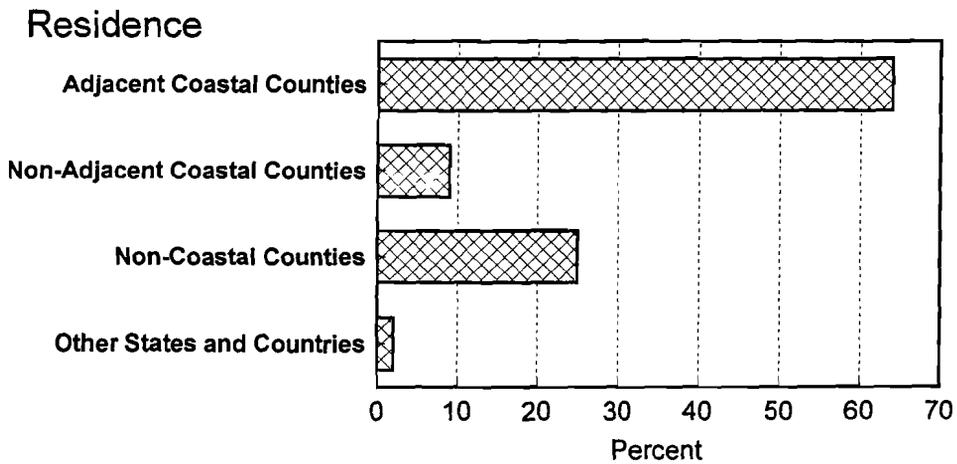
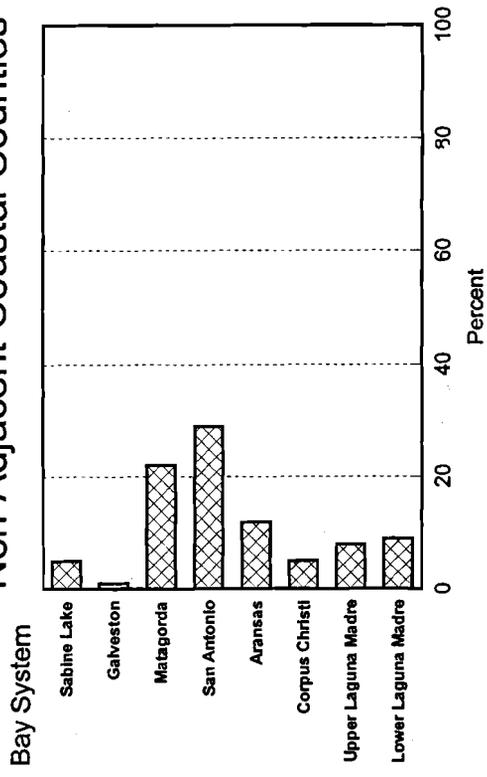
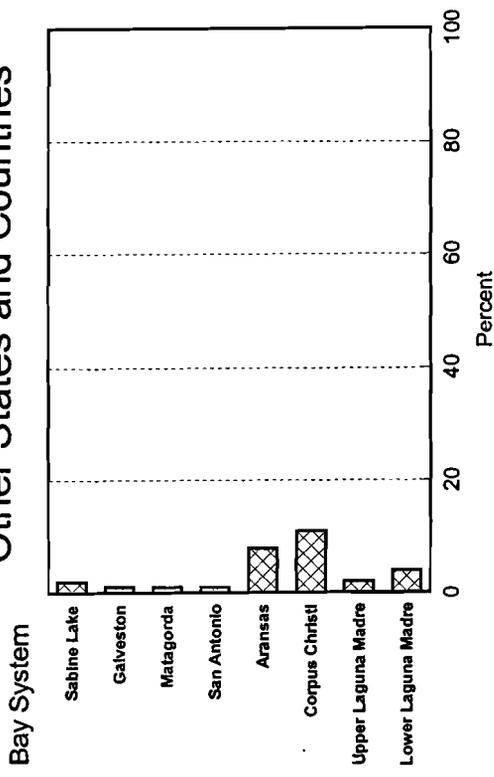


Figure 30. Annual coastwide residential origin of bay and pass, Texas Territorial Sea, and Exclusive Economic Zone private-boat anglers, May 1993-May 2003 (10-year mean).

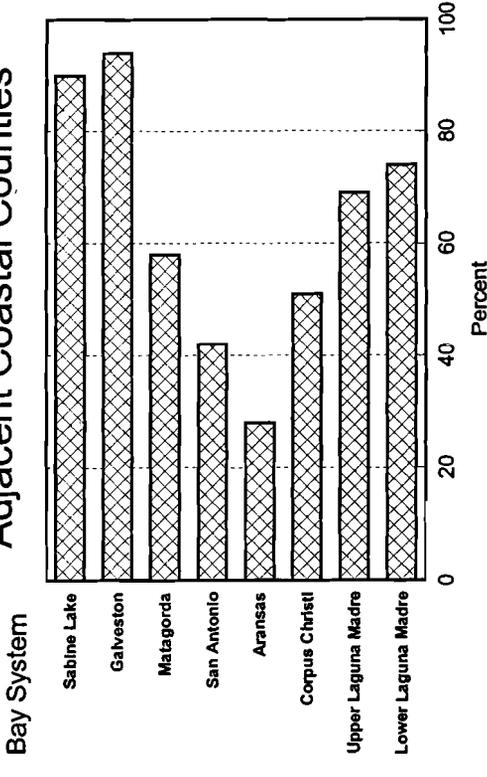
Non-Adjacent Coastal Counties



Other States and Countries



Adjacent Coastal Counties



Non-Coastal Counties

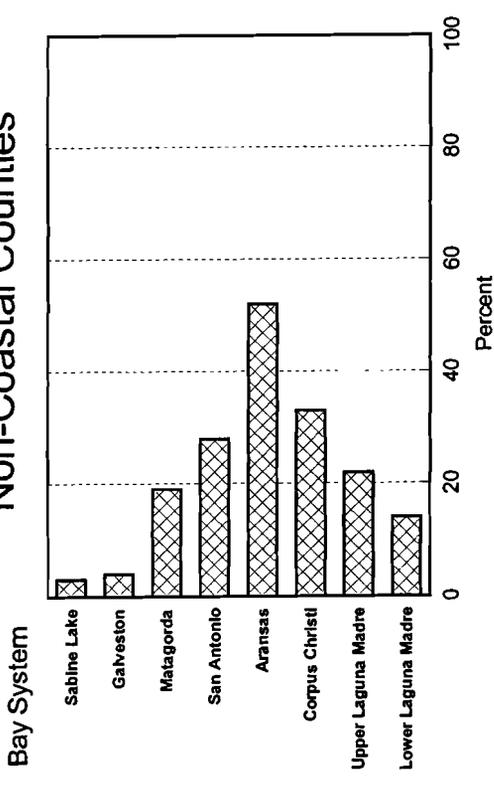
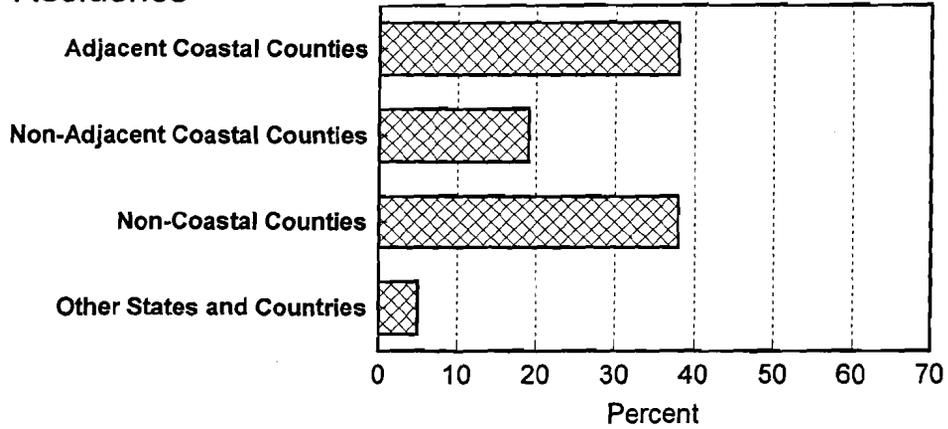


Figure 31. Annual residential origin of bay and pass private-boat anglers among bay systems, May 1993-May 2003 (10-year mean).

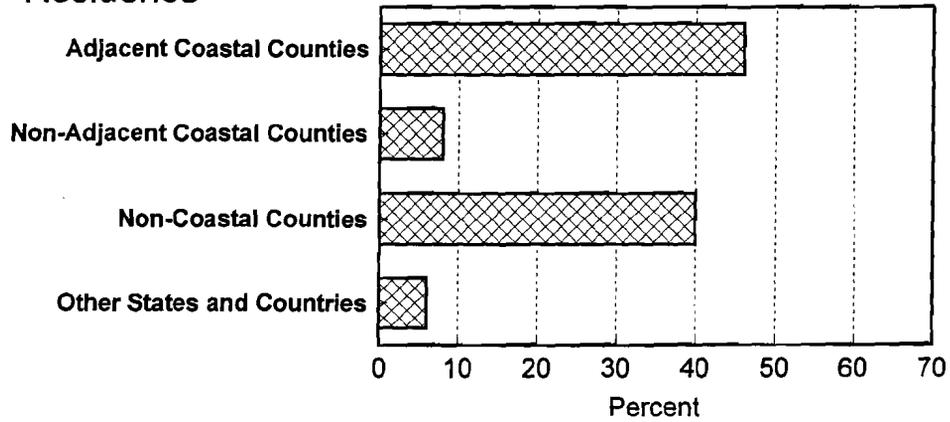
Bays and Passes

Residence



Texas Territorial Sea

Residence



Exclusive Economic Zone

Residence

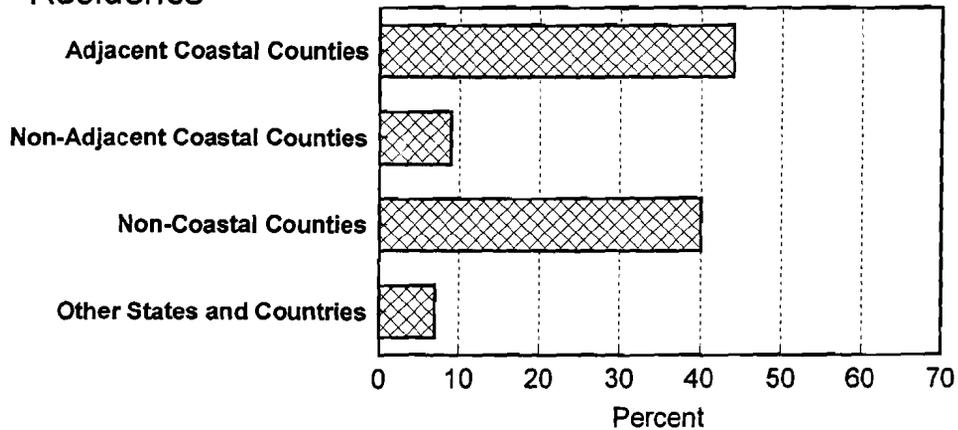


Figure 32. Annual coastwide residential origin of bay and pass, Texas Territorial Sea, and Exclusive Economic Zone party-boat anglers, May 1993-May 2003 (10-year mean).

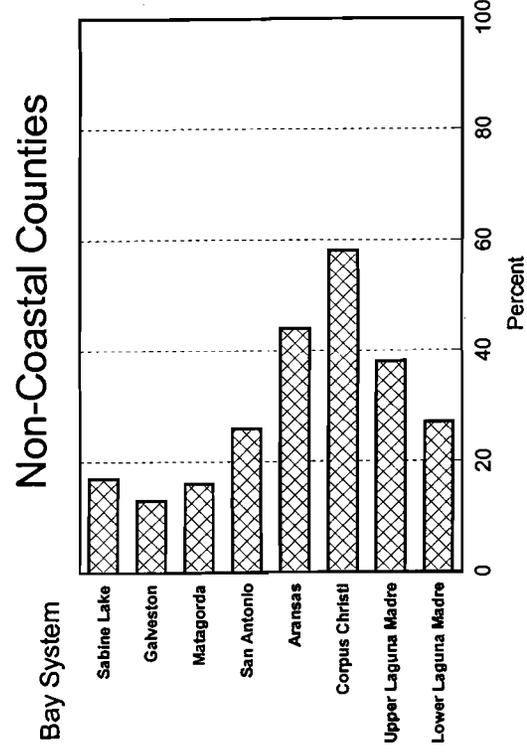
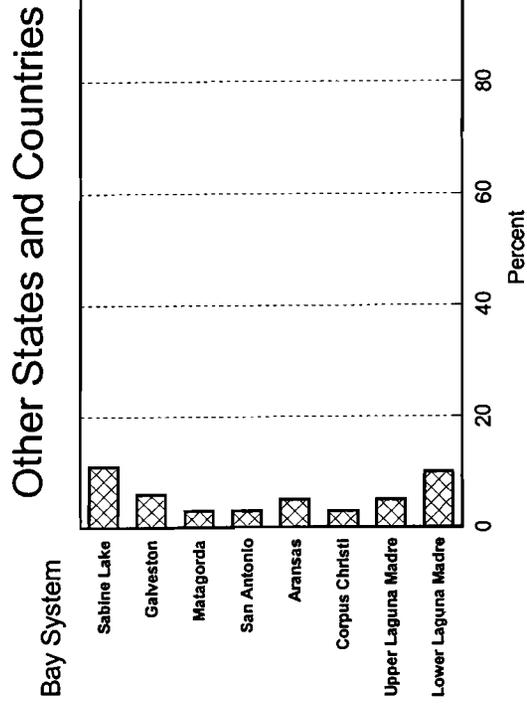
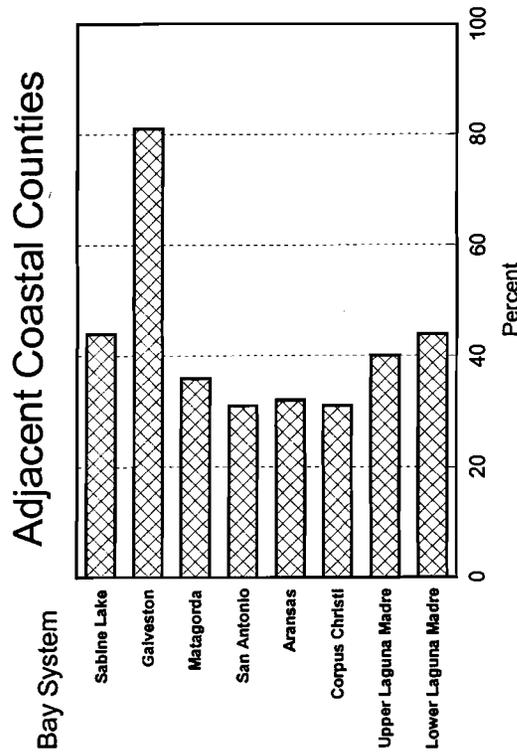
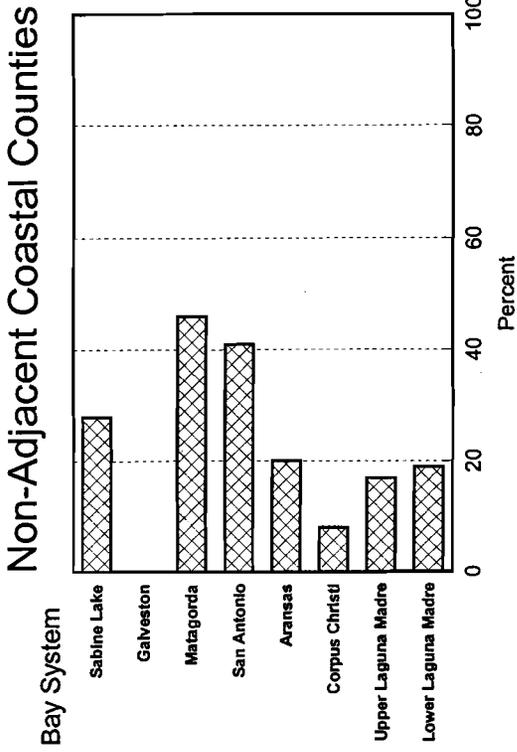


Figure 33. Annual residential origin of bay and pass party-boat anglers among bay systems, May 1993-May 2003 (10-year mean).

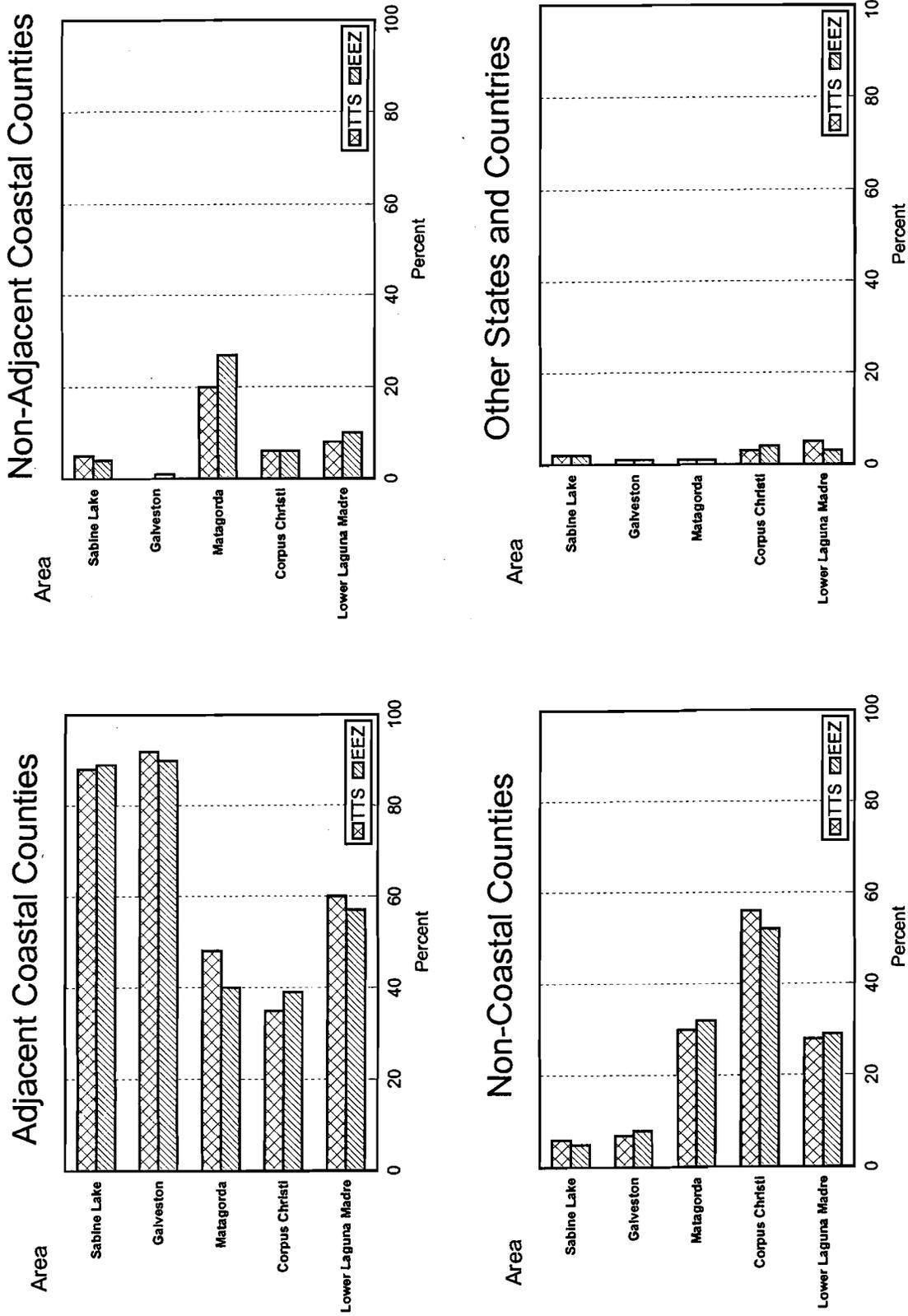


Figure 34. Annual residential origin of Texas Territorial Sea (TTS) and Exclusive Economic Zone (EEZ) private-boat anglers among areas, May 1993-May 2003 (10-year mean).

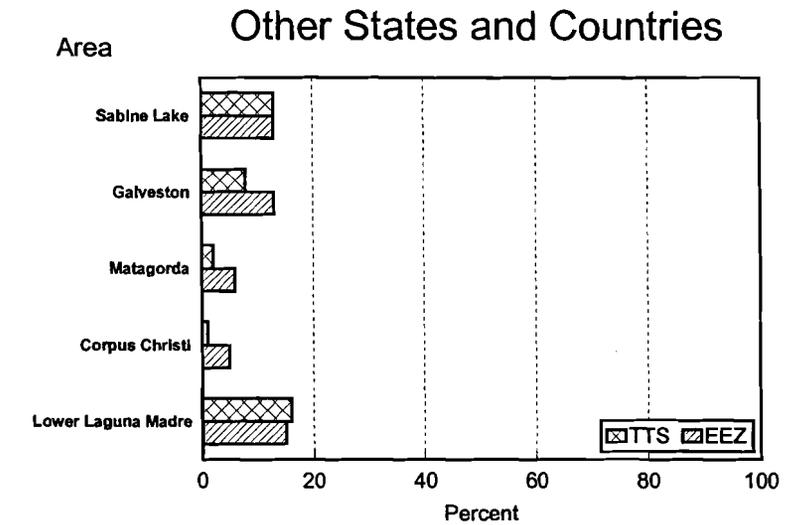
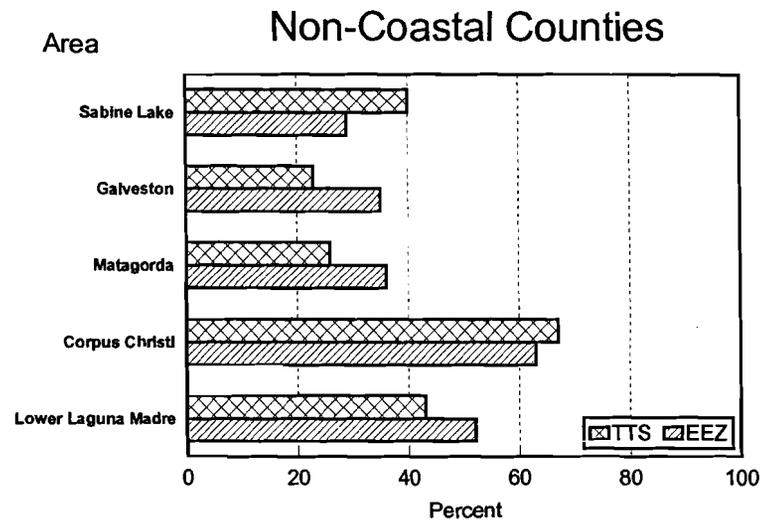
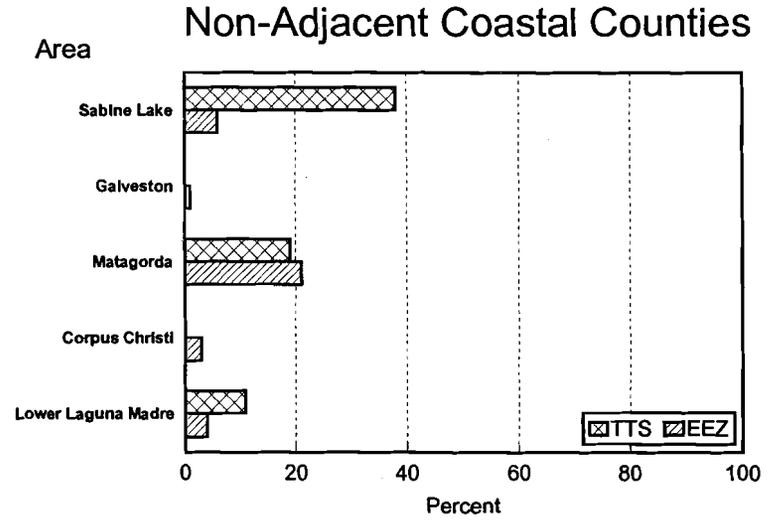
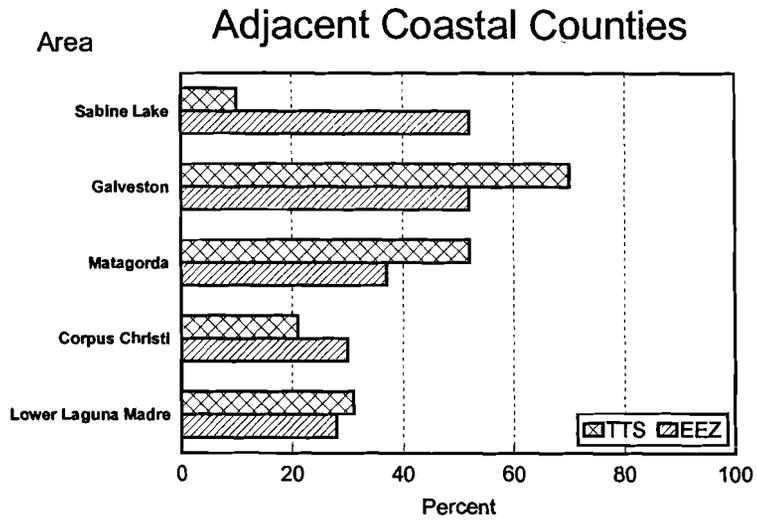


Figure 35. Annual residential origin of Texas Territorial Sea (TTS) and Exclusive Economic Zone (EEZ) party-boat anglers among areas, May 1993-May 2003 (10-year mean).

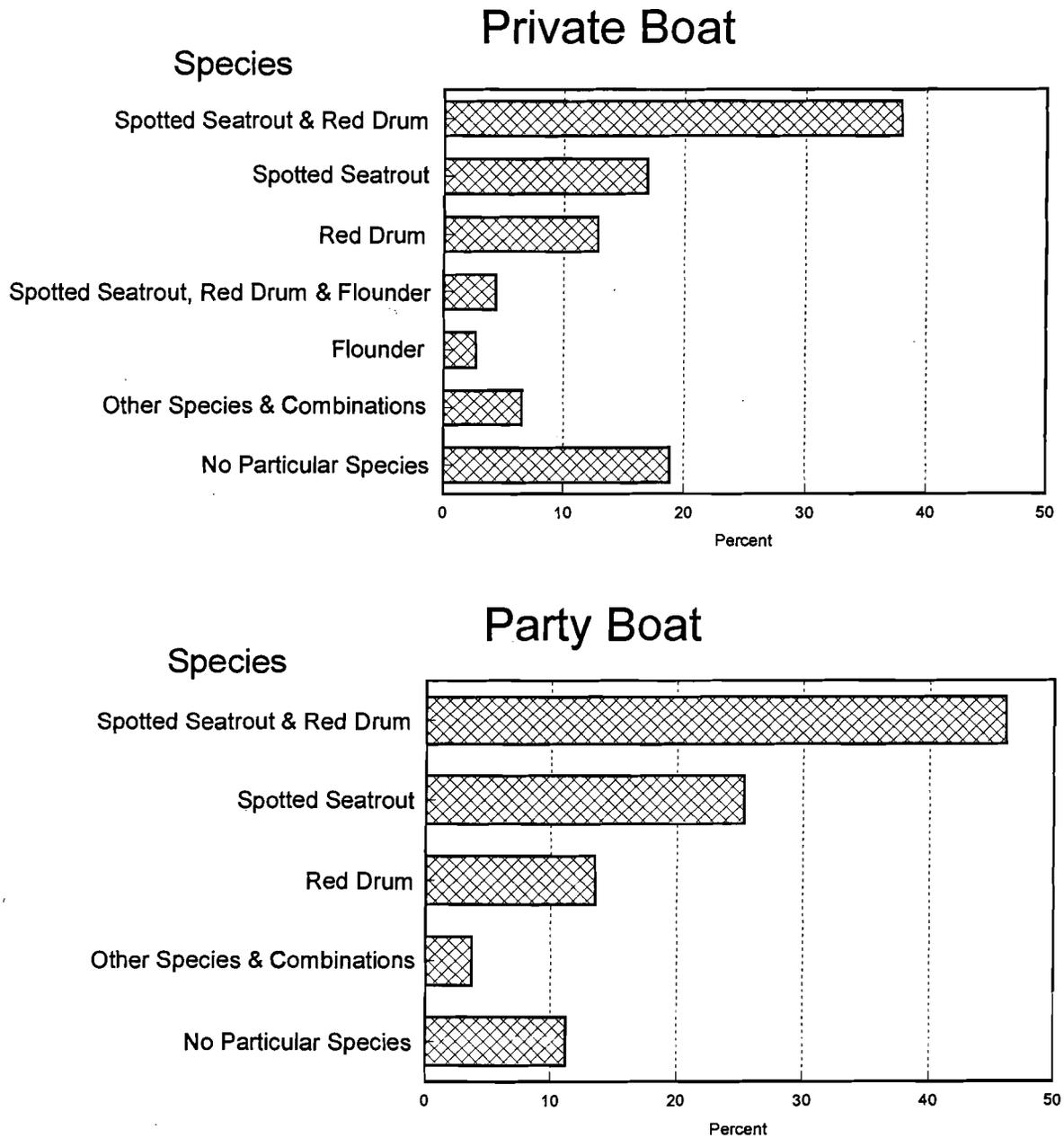


Figure 36. Species sought by bay and pass private-boat and party-boat anglers, May 1993-May 2003 (10-year mean).

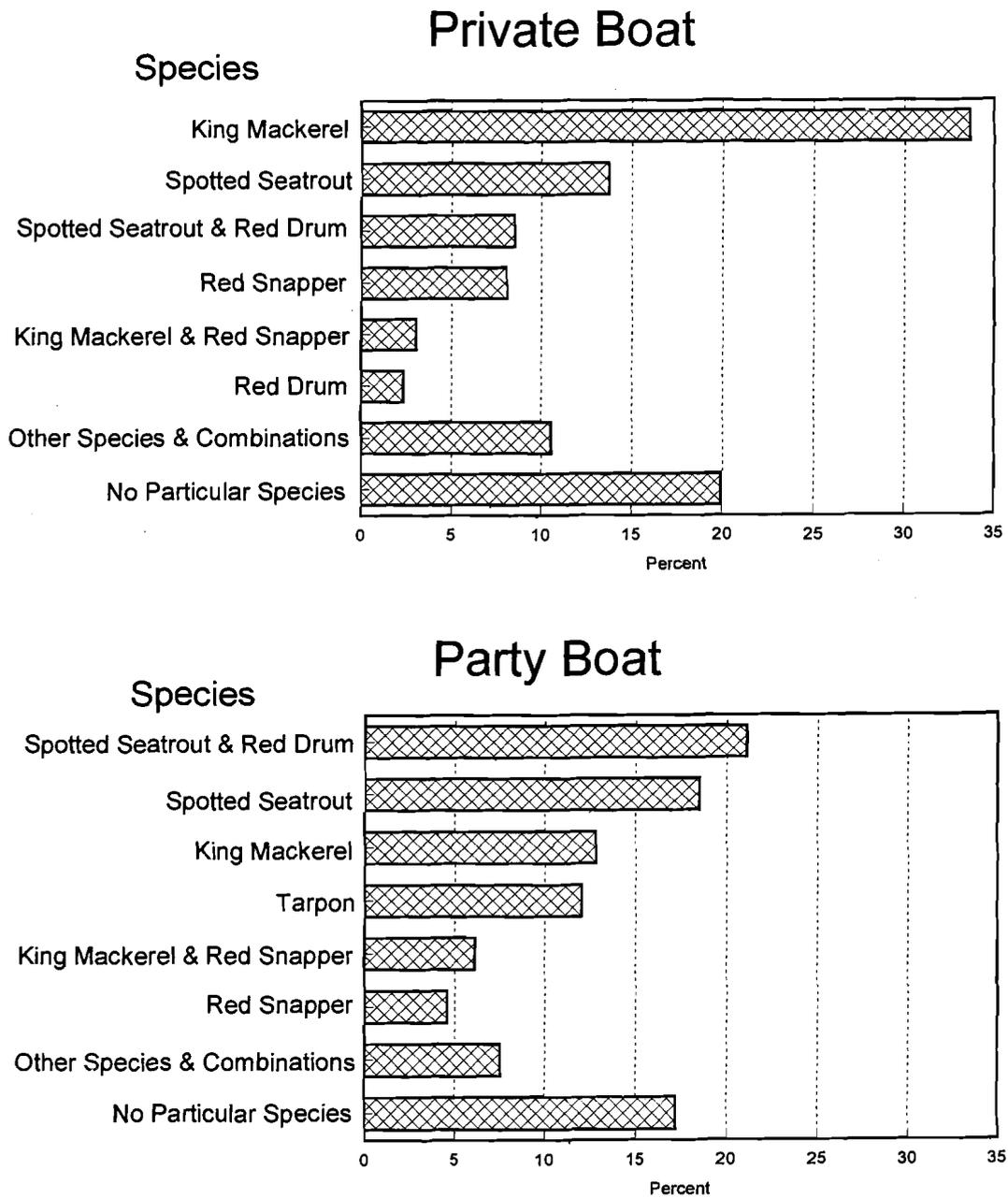


Figure 37. Species sought by Texas Territorial Sea private-boat and party-boat anglers, May 1993-May 2003 (10-year mean).

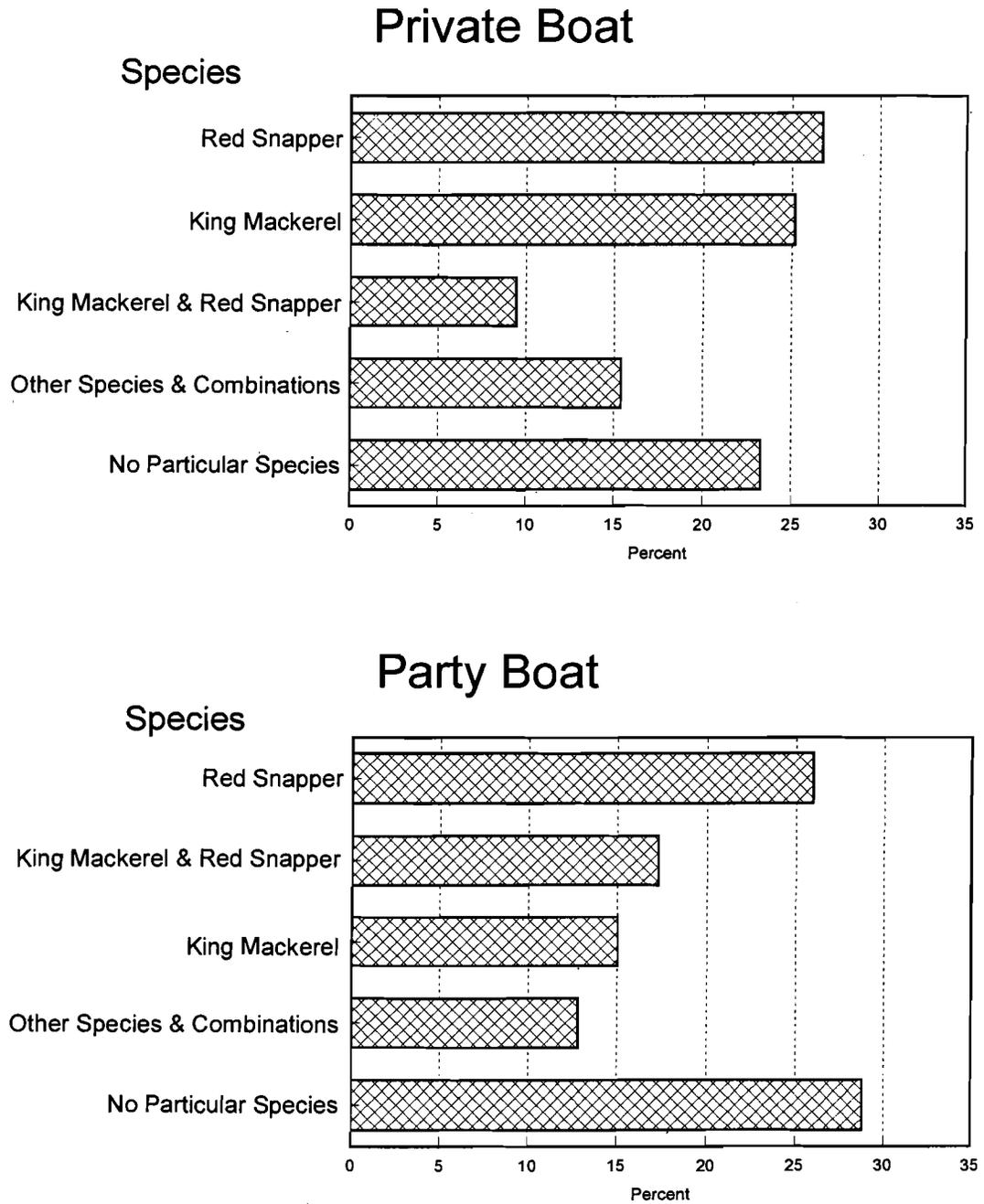


Figure 38. Species sought by Exclusive Economic Zone private-boat and party-boat anglers, May 1993-May 2003 (10-year mean).

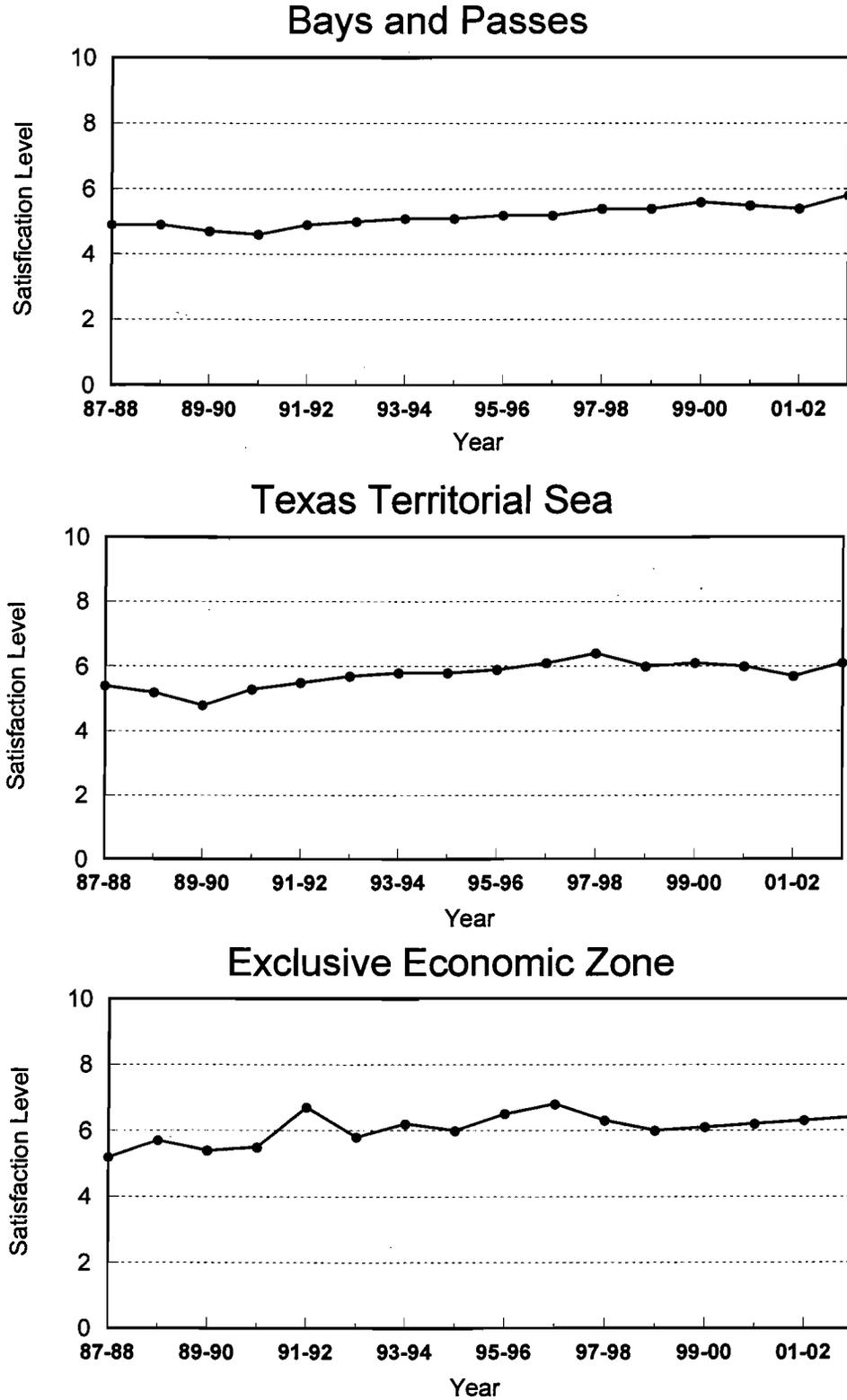


Figure 39. Annual coastwide trip satisfaction (based on a 0-10 response scale) of bay and pass, Texas Territorial Sea, and Exclusive Economic Zone private-boat anglers, May 1987-May 2003.

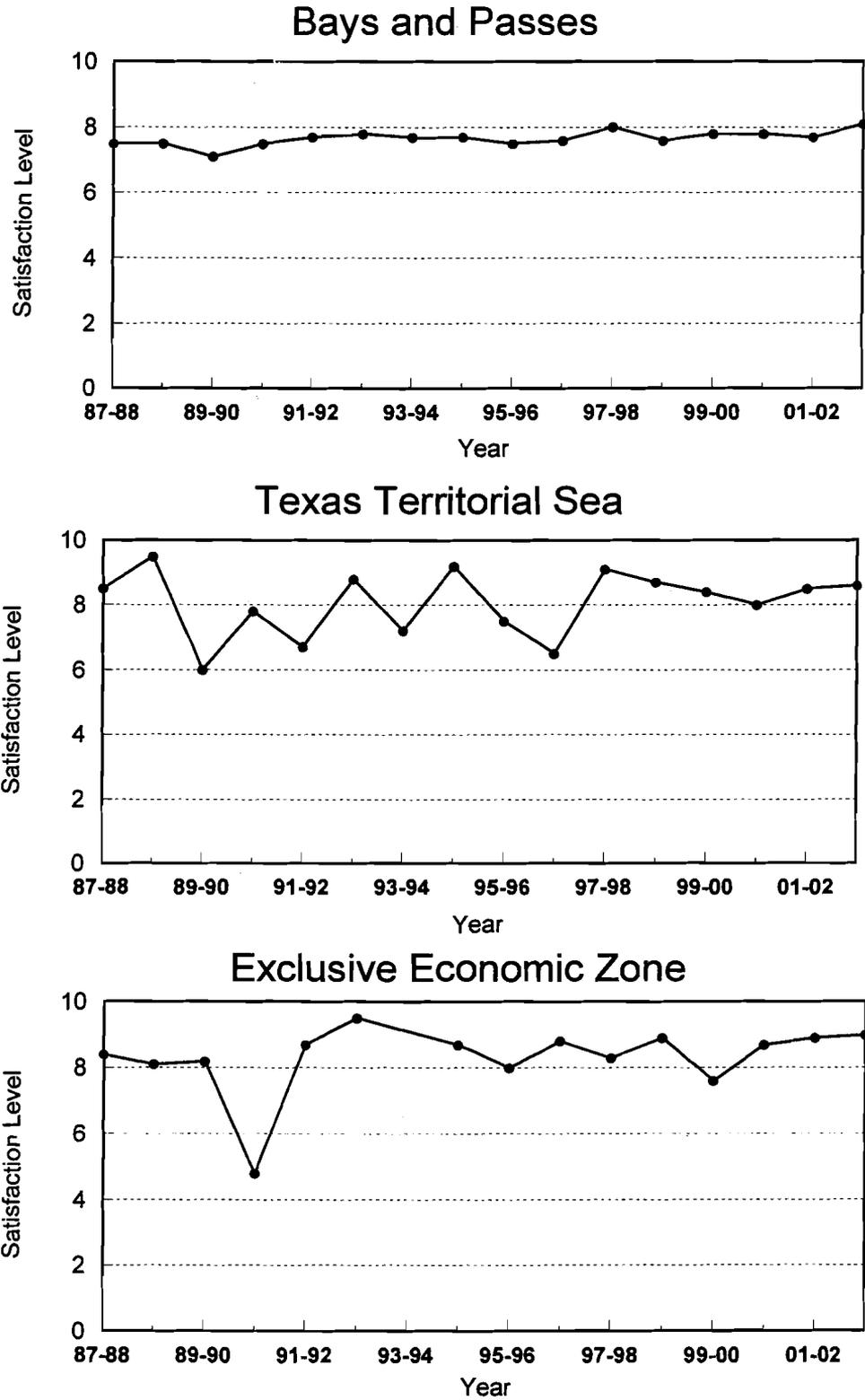


Figure 40. Annual coastwide trip satisfaction (based on a 0-10 response scale) of bay and pass, Texas Territorial Sea, and Exclusive Economic Zone party-boat anglers, May 1987-May 2003.

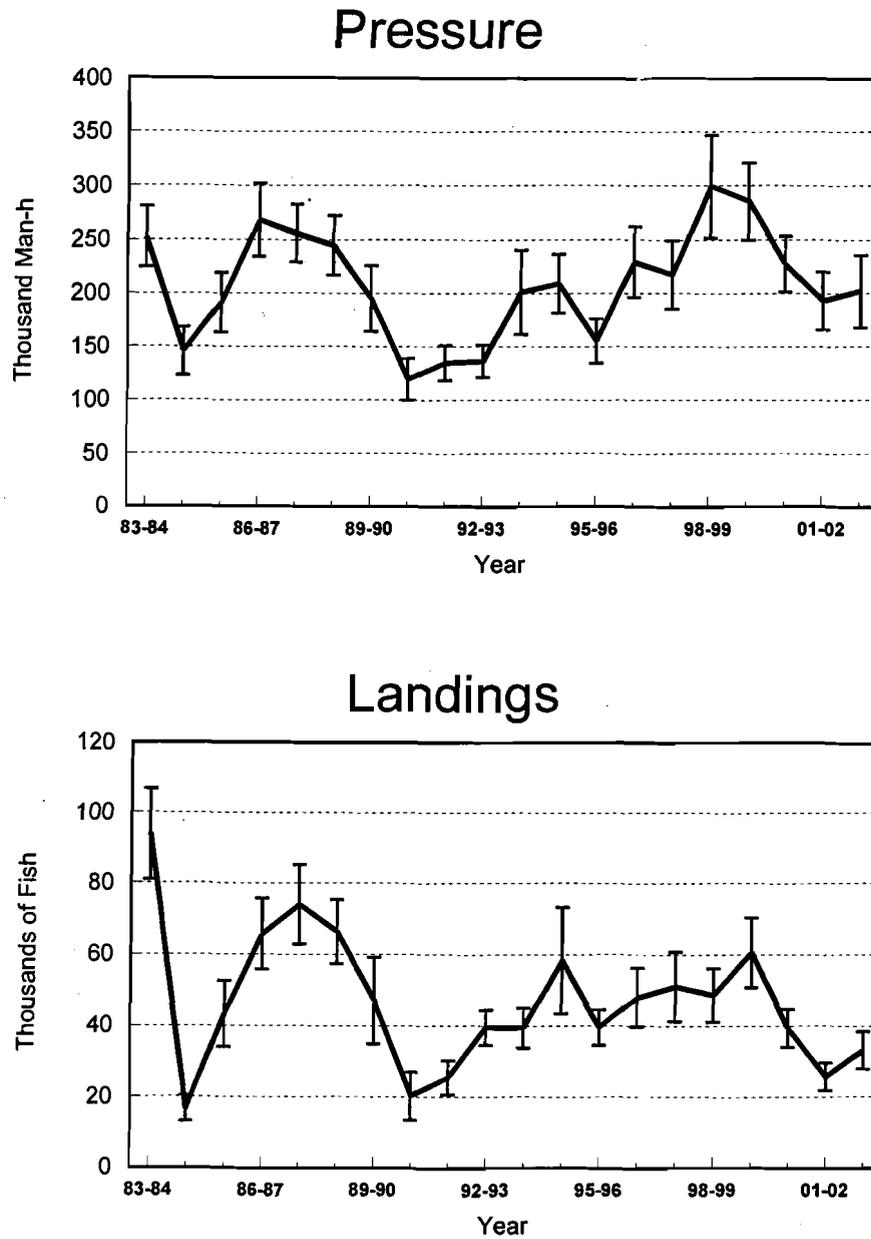


Figure 41. Annual coastwide private-boat fishing pressure (± 1 SE) and landings (± 1 SE) for trips lasting more than 12 h in Texas bays and passes, May 1983-May 2003.

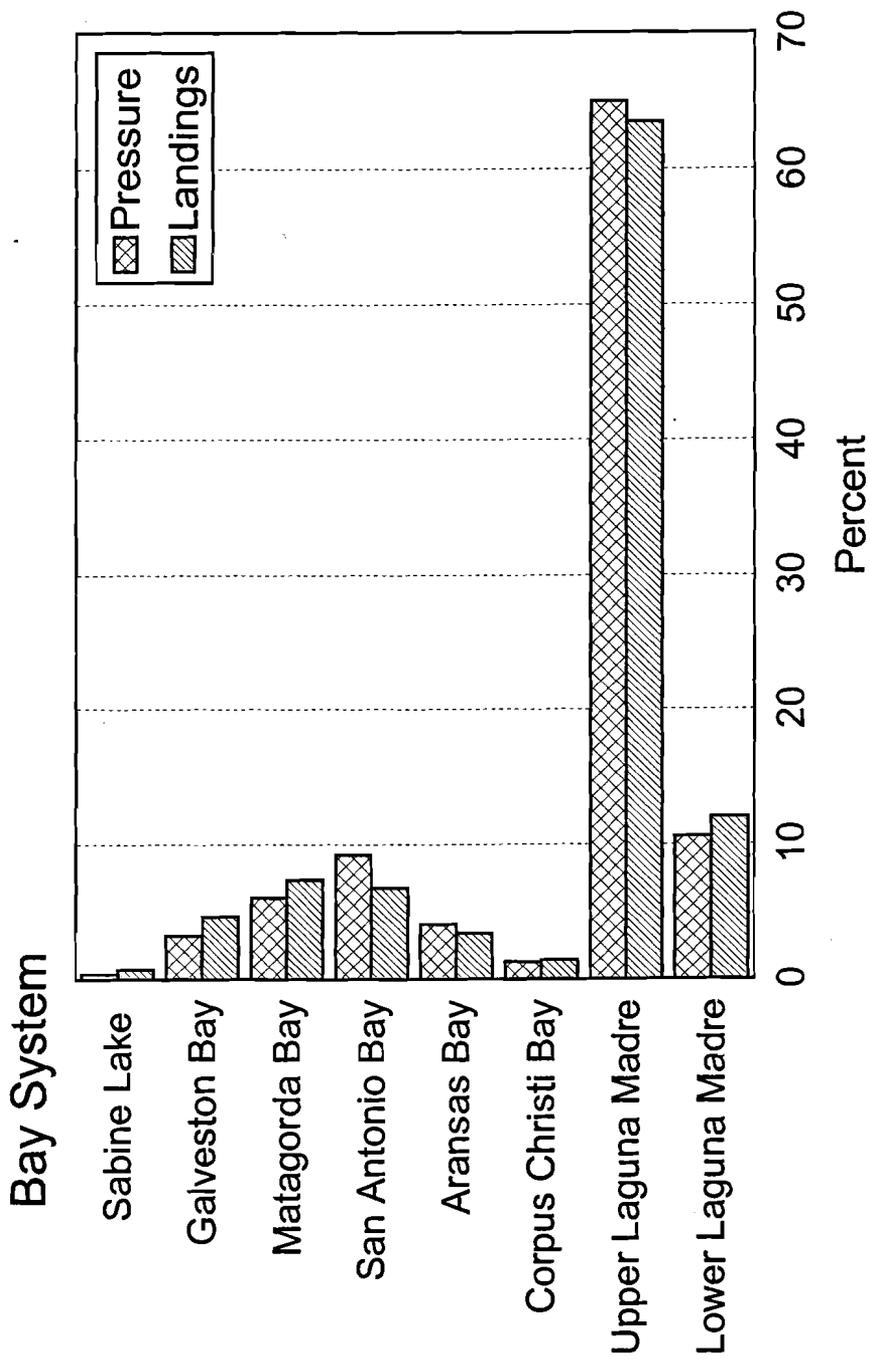


Figure 42. Distribution of annual bay and pass private-boat fishing pressure and landings among bay systems for trips lasting more than 12 h, May 1993-May 2003 (10-year mean).

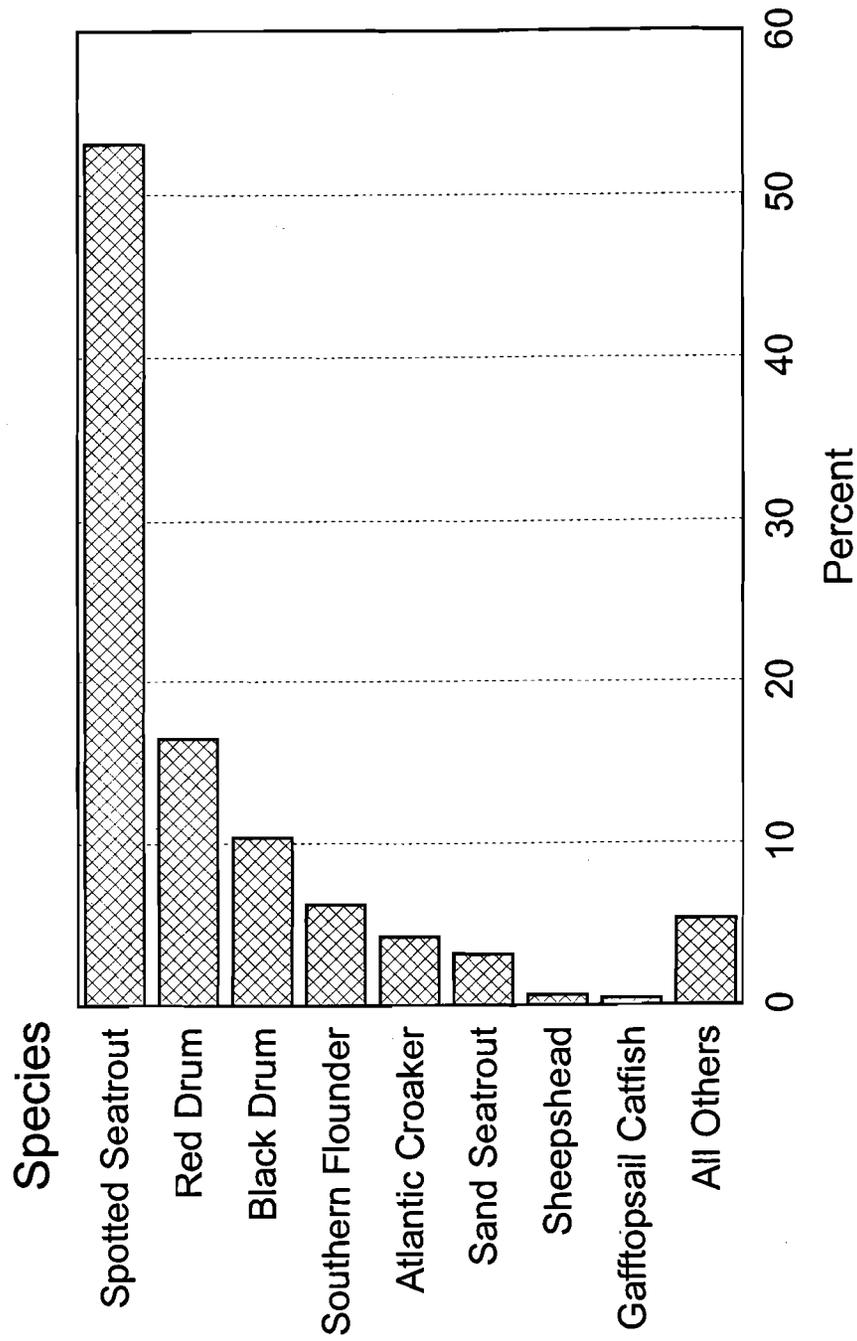


Figure 43. Species composition of annual coastwide bay and pass private-boat finfish landings for trips lasting more than 12 h, May 1993-May 2003 (10-year mean).

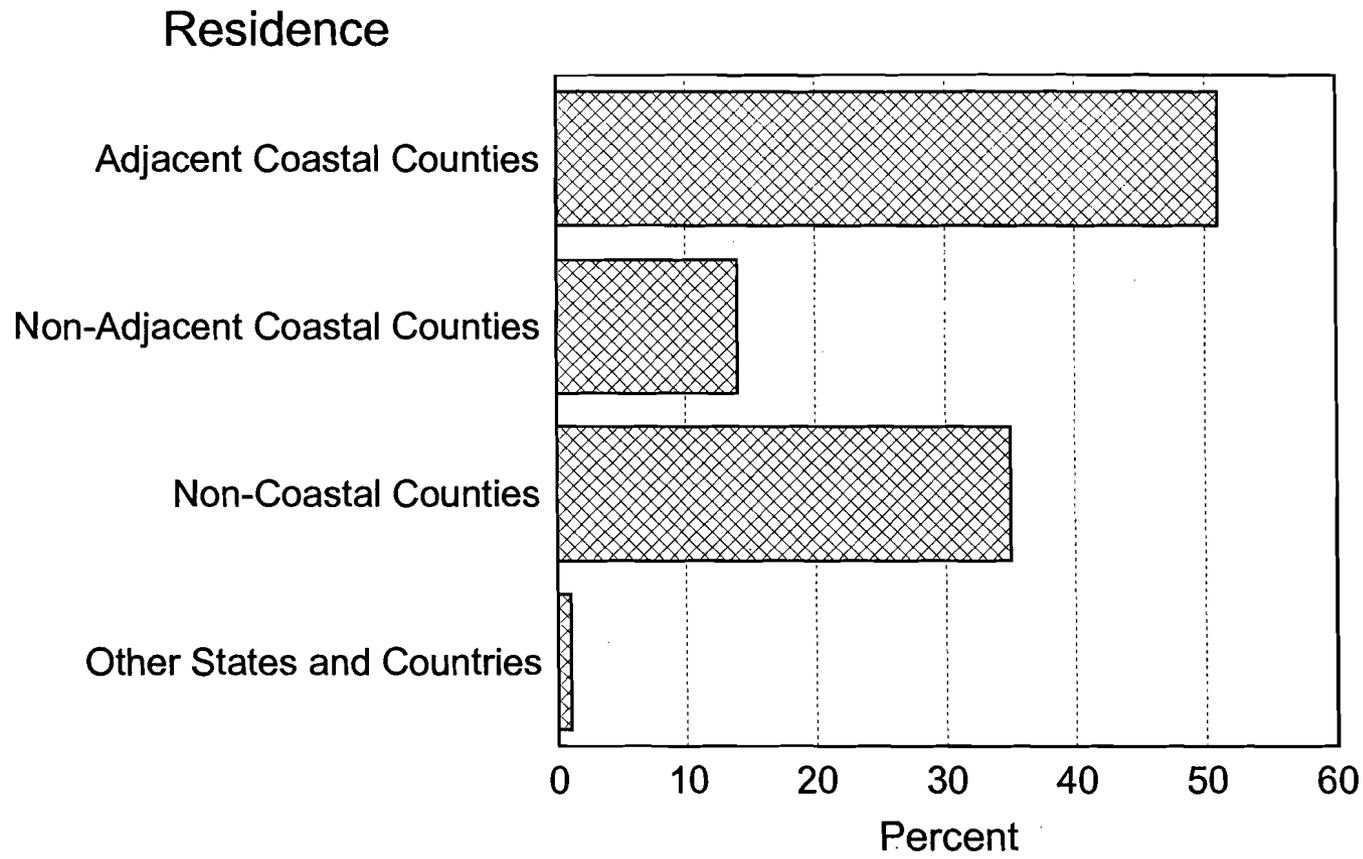
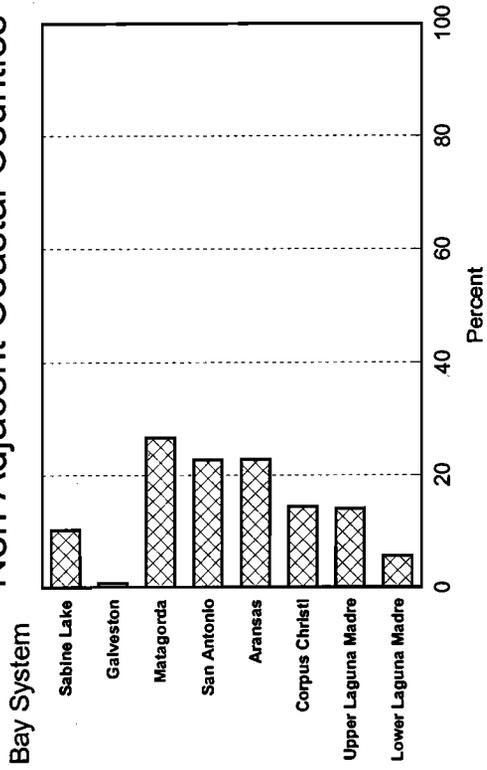
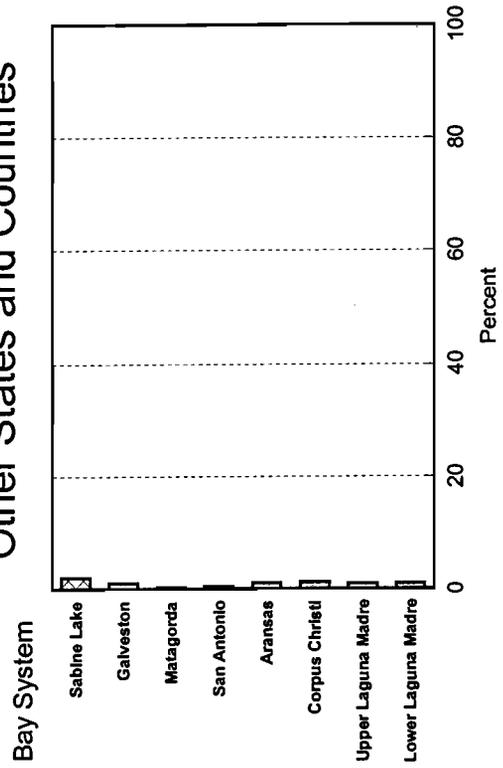


Figure 44. Annual coastwide residential origin of bay and pass private-boat anglers on trips lasting more than 12h, May 1993-May 2003 (10-year mean).

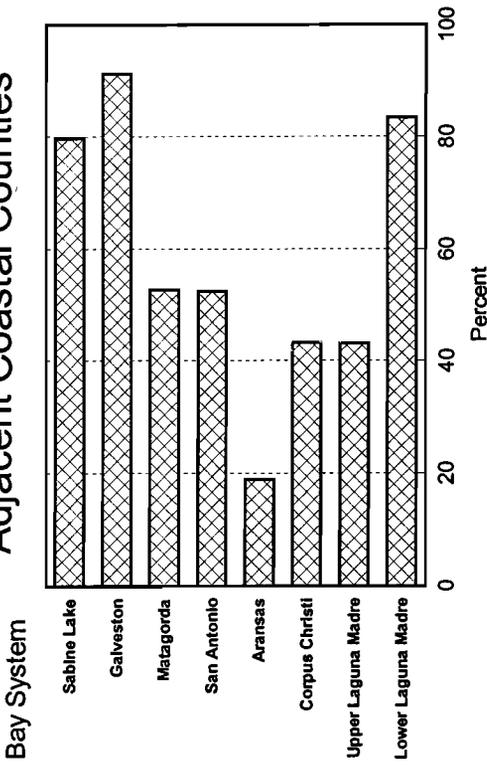
Non-Adjacent Coastal Counties



Other States and Countries



Adjacent Coastal Counties



Non-Coastal Counties

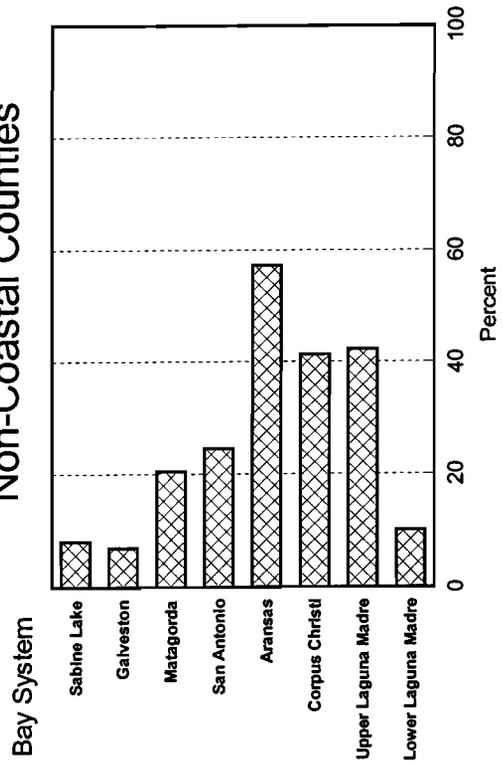


Figure 45. Annual residential origin of bay and pass private-boat anglers among bay systems on trips lasting more than 12 h, May 1993-May 2003 (10-year mean).

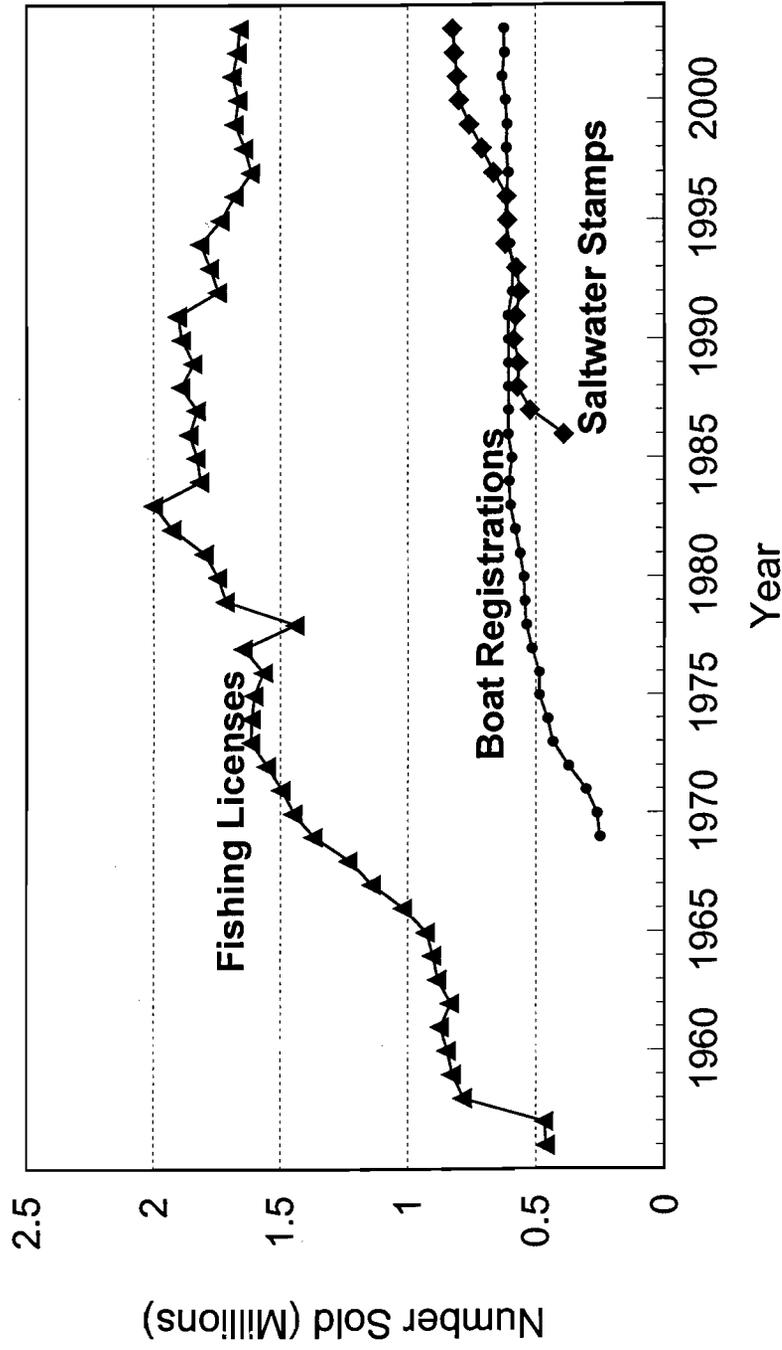


Figure 46. Number of recreational fishing licenses (1956-2003), boat registrations (1969-2003), and saltwater stamps (1986-2003) sold in Texas by fiscal year (1 September-31 August).

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Appendix A.1. Inventoried boat-access sites.

Inventoried boat-access sites that were active along the Texas coast during the 2002-03 low-use season are listed in Table A.1. Sites that were active at some time from the 1983 high-use season to the 2002 high-use season, but not during the 2002-03 low-use season, also are listed in Table A.1.

Table A.1. Inventoried boat-access sites along the Texas coast, 21 November 2002-14 May 2003.

Bay system ^a	Site No. ^b	Site location ^c		Site description ^d
		Latitude	Longitude	
1	1	29°47'26"	93°44'59"	Johnson's Landing Ramp (Louisiana)
1	2	29°46'04"	93°53'33"	Lake Sabine Causeway Ramp (Louisiana side)
1	3	29°45'54"	93°53'53"	Lake Sabine Causeway Ramp and adjoining shoreline (Texas side)
1	4	29°52'00"	93°55'32"	Pleasure Island Marina Docks F & G (50 covered wet slips)
1	5	29°52'06"	93°55'40"	Pleasure Island Marina Dock A (59 wet slips)
1	6	29°52'02"	93°55'18"	Pleasure Island Public Ramp
1	(7)			(Pleasure Island North Levy Ramp - Deleted 11/21/93)
1	(8)			(Sea Rim State Park Ramp - Deleted 5/15/94)
1	9	29°42'39"	93°51'38"	Chicken Crossing Ramp (Texas Bayou)
1	10	29°44'04"	93°52'30"	Battleground Ramp
1	11	29°45'35"	93°56'09"	Keith Lake Ramp
1	12	29°49'27"	93°57'53"	Public Ramp at ICWW and Hwy. 87
1	13	29°59'53"	93°57'07"	Port Neches Park Ramp
1	14	29°58'12"	93°52'27"	Benoit's Rainbow Marina Ramp
1	15	29°59'48"	93°52'04"	Rainbow Bridge Ramp
1	16	29°59'06"	93°50'25"	Bailey's Fish Camp Ramp (includes adjacent dock)
1	(17)			(LeBlanc's Ramp - deleted 11/21/95)
1	18	30°03'54"	93°44'54"	Orange Boat Club Ramp (includes wet slips)
1	(19)			(River Road Marina Ramp - Deleted 5/15/96)
1	20	29°44'22"	93°53'21"	Broadway Public Ramp
1	21	30°03'57"	93°44'50"	Lottie's Landing Ramp
1	(22)			(Pleasure Island Commission Ramp - Deleted 5/15/99)
1	23	30°02'40"	93°49'18"	Toup's Marina Ramp
1	24	30°02'14"	93°47'33"	Firestone Club Ramp (2 ramps)
1	(25)			(Sabine Yacht Basin Ramp - Deleted 5/15/91)
1	(26)			(Sabine Yacht Basin - Deleted 5/15/91)
1	27	30°03'52"	94°03'06"	Ramp near GSU Neches Power Plant
1	28	29°42'48"	94°18'53"	Russel's Landing Ramp
1	29	30°04'12"	93°44'42"	Allen's Marina Ramp (includes wet slips)
1	(30)			(Taylor's Bayou Ramp - Deleted 5/15/90)
1	(31)			(Percy's Ramp - Deleted 11/21/90)
1	(32)			(Waterfront Restaurant Ramp - Deleted 11/21/90)
1	33	30°02'31"	93°48'14"	Ramp off Carpenter Road at Cow Bayou (Bridge City)
1	34	29°58'10"	93°54'54"	Ramp off Sara Jane Road at bridge over dredged canal
1	(35)			(Ramp at base of Rainbow Bridge - Deleted 11/21/93)
1	36	30°00'04"	93°51'59"	Entergy Canal Ramp (northeast approach to bridge over canal)
1	37	29°45'51"	93°53'52"	Mesquite Point Ramp
1	38	30°02'48"	93°49'17"	Cow Bayou Ramp
1	39	29°51'35"	93°55'49"	Logan Park Ramp
1	40	30°02'15"	93°47'42"	Albair's Ramp
1	41	29°44'08"	93°52'57"	Sabine Pass Port Authority Marina (87 wet slips)
1	52			Boat trailers at non-designated launching sites (rove only)
2	(1)			(Cedar Bayou Outflow - Deleted 12/1/77)
2	(2)			(Woodall's - Deleted 7/26/81)
2	(3)			(Crawley's Membership Fishing Camp Ramp - Deleted 11/21/98)
2	4	29°40'51"	94°56'10"	Thompson's Ramp
2	5	29°43'22"	94°56'39"	Roseland Park Ramp
2	(6)			(Tabb's Bay Ramp - Deleted 11/21/96)
2	7	29°40'52"	94°58'59"	Morgan's Point Ramp
2	8	29°38'57"	95°00'40"	Sylvan Beach Ramp

Table A.1. (Cont'd.)

Bay system ^a	Site No. ^b	Site location ^c		Site description ^d
		Latitude	Longitude	
2	(9)			(Oddo's - Deleted 9/1/80)
2	(10)			(Clear Creek Channel State Ramp - Deleted 11/21/83)
2	11	29°30'44"	94°58'44"	Galveston County Park Ramp (Bacliff)
2	12	29°30'21"	94°57'26"	HL&P Galveston County Park Ramp
2	13	29°29'48"	94°54'55"	San Leon Marina Ramp and Lift
2	14	29°29'50"	94°54'36"	Eagle Point Camp Ramp and Lift
2	15	29°28'16"	94°55'31"	April Fool Point Ramp
2	16	29°28'57"	94°56'00"	Marge's Bait Camp Ramp
2	(17)			(Fiesta Marina - Deleted 11/21/82)
2	(18)			(Lakeway Ramp and Simpson's Ramp - Deleted 5/15/84)
2	(19)			(White Heron Resorts - Deleted 8/31/75)
2	(20)			(Moses Lake Bait Camp - Deleted 11/21/82)
2	(21)			(Mowles Camp Ramp - Deleted 5/15/84)
2	22	29°23'26"	94°53'08"	50/50 Camp Ramp
2	(23)			(Dollar Point Public Ramp - Deleted 8/31/75)
2	24	29°23'24"	94°53'09"	Rilat's Ramp
2	25	29°23'12"	94°52'31"	Curl's Ramp
2	26	29°23'01"	94°51'59"	Schaper Public Ramp (Texas City Dike)
2	27	29°22'26"	94°50'11"	Noah Welch Public Ramp (Texas City Dike)
2	(28)			(Texas City Dike Public Ramp - Deleted 5/15/84)
2	29	29°21'56"	94°48'55"	Sansom-Yarbrough Ramp
2	30	29°18'24"	94°54'23"	Jones Lake State Ramp (Fat Boys)
2	(31)			(Intracoastal Inn - Deleted 9/1/78)
2	(32)			(Salty's Bait Camp Ramp - Deleted 11/21/00)
2	(33)			(Pat and Sue's Bait Camp Ramp - Deleted 11/21/02)
2	34	29°19'53"	94°56'35"	Louis' Ramp (includes rent boats)
2	35	29°17'01"	95°07'45"	Hall's Bayou Camp Ramp and Lift
2	(36)			(Snug Harbor Marina - Deleted 12/1/78)
2	37	29°14'52"	95°14'10"	Lute's Marina Lift
2	38	29°12'40"	95°12'29"	Chocolate Bay State Ramp
2	39	29°05'23"	95°16'36"	Harry and Mark's on the Bayou Camp Ramp and Lift
2	40	29°05'42"	95°17'00"	Bastrop Bayou CR 227 Bridge State Ramp
2	41	29°05'08"	95°17'18"	Bastrop Marina Ramp and Lift (wet slips)
2	(42)			(Christmas Bay Shell Ramp - Deleted 12/1/78)
2	43	29°02'55"	95°09'55"	Sy's Bait Camp Ramp
2	44	29°04'46"	95°07'52"	San Luis Pass County Park Ramp
2	(45)			(Shoreline Public Launching - Deleted 9/1/80)
2	(46)			(San Luis Pass Bait Camp - Deleted 5/15/82)
2	47	29°07'50"	95°04'26"	Bay Harbor Ramp
2	(48)			(Terramar Beach Private Ramp - Deleted 11/21/94)
2	49	29°08'39"	95°02'51"	Sea Isle Ramp
2	(50)			(Jamaica Beach Marina Ramp - Deleted 11/21/85)
2	51	29°11'20"	94°58'47"	Jamaica Beach Ramp
2	52			Boat trailers at non-designated launching sites (rove only)
2	53	29°12'26"	94°56'58"	Pirate's Beach Marina Ramp
2	(54)			(Pirate's Beach Ramp - Deleted 5/15/93)
2	55	29°15'53"	94°53'59"	8-Mile Road Bait Camp Ramp
2	(56)			(73rd Street County Park Ramp - Deleted 7/28/81)
2	57	29°17'07"	94°50'11"	61st Street County Park Ramp
2	(58)			(Bayou Bay Marina - Deleted 9/1/79)

Table A.1. (Cont'd.)

Bay system ^a	Site No. ^b	Site location ^c		Site description ^d
		Latitude	Longitude	
2	109	28°52'11"	95°26'46"	San Bernard River Public Ramp
2	(110)			(Linda L's Bait Camp Ramp (Freeport) - Deleted 5/15/93)
2	111	28°54'08"	95°23'05"	New Brazos River Dike Ramp
2	112	29°17'57"	94°54'18"	Teakwood Marina Ramp
2	113	29°25'12"	94°55'31"	Ray's Marina Bait Camp Ramp
2	114	29°33'00"	95°01'46"	Clear Lake Shores Ramp
2	(115)			(Boyt Road Private Ramp - Deleted 11/21/94)
2	116	29°19'02"	94°46'33"	Galveston Yacht Basin Boat Barn (dry storage; party boats)
2	117	29°19'09"	94°46'25"	Galveston Yacht Basin Dock A (50 wet slips; party boats)
2	118	29°19'07"	94°46'29"	Galveston Yacht Basin Dock B (119 wet slips; party boats)
2	119	29°19'08"	94°46'30"	Galveston Yacht Basin Dock C (121 wet slips; party boats)
2	120	29°19'10"	94°46'30"	Galveston Yacht Basin Dock D (95 wet slips; party boats)
2	(121)			(Turtle Lake Apartments Ramp - Deleted 5/15/94)
2	(122)			(Havre Lafitte Private Ramp - Deleted 11/21/94)
2	(123)			(Treasure Island Ramp - Deleted 11/21/01)
2	(124)			(Turtle Cove North Shore Boat Shed - Deleted 11/21/83)
2	(125)			(Turtle Cove South Shore Boat Shed - Deleted 11/21/83)
2	(126)			(Hide-A-Way on the Gulf Ramp - Deleted 5/15/88)
2	(127)			(Kirby Marina - Deleted 11/21/97)
2	128	29°05'43"	95°17'00"	B&H Bait Camp Ramp
2	(129)			(Marlin Marina Boat Shed - Deleted 11/21/85)
2	(130)			(Horseshoe Bend Camp Boat Shed - Deleted 11/21/95)
2	(131)			(Timber Cove Private Ramp - Deleted 11/21/94)
2	(132)			(Bridge Harbor Canal Front Slips - Deleted 5/15/84)
2	133	28°57'45"	95°17'28"	Bridge Harbor Canal Dock A (34 wet slips; party boats)
2	134	28°57'43"	95°17'30"	Bridge Harbor Canal Docks B and C (70 wet slips; party boats)
2	(135)			(Bridge Harbor Canal Dock C - Deleted 5/15/85)
2	136	28°57'41"	95°17'34"	Bridge Harbor Canal Docks D and E (76 wet slips; party boats)
2	137	28°57'40"	95°17'36"	Bridge Harbor Canal Docks F, G, H, and I (82 wet slips; party boats)
2	(138)			(Harbor Cove Wet Slips - Deleted 11/21/83)
2	139	29°17'15"	94°52'23"	Payco Marina Docks C, CC, and F (42 wet slips)
2	(140)			(Lutes Marina Boat House - Deleted 11/21/99)
2	141	28°57'55"	95°18'27"	Beach Bait and Tackle Ramp
2	(142)			(San Leon Marina Boat Sheds - Deleted 5/15/95)
2	(143)			(Bonno's Bait Camp Ramp - Deleted 5/15/85)
2	(144)			(El Jardin Private Ramp - Deleted 11/21/94)
2	145	28°58'00"	95°22'23"	Freeport New Brazos River Ramp
2	(146)			(Key Largo - Deleted 11/21/89)
2	(147)			(Texas City Dike Marina Lift - Deleted 5/15/95)
2	(148)			(Public Ramp just East of Cedar Cut - Deleted 5/15/85)
2	(149)			(Public Ramp just West of Cedar Cut - Deleted 11/21/94)
2	(150)			Not previously assigned
2	(151)			(The Galley Ramp - Deleted 11/21/97)
2	152	29°30'42"	95°06'10"	Walter Hall County Park Ramp (League City)
2	153	29°27'22"	95°02'51"	Dickinson Bayou County Ramp (Hwy. 3)
2	154	29°17'15"	94°52'23"	Payco Marina Dock D (14 wet slips)
2	155	29°20'04"	95°01'24"	Hitchcock Public Ramp
2	156	28°56'47"	95°22'50"	New Brazos River SH 36 Bridge Public Ramp
2	157	29°25'46"	94°42'37"	Lea's Bolivar Bait Camp Ramp
2	158	29°15'33"	94°54'40"	Sportsman Road Ramp

Table A.1. (Cont'd.)

Bay system ^a	Site No. ^b	Site location ^c		Site description ^d
		Latitude	Longitude	
2	(159)			(Dan's Ramp - Deleted 11/21/00)
2	160	29°32'53"	95°01'20"	Ben Blackledge Public Ramp (under Hwy. 146, Kemah side)
2	161	29°29'46"	94°54'36"	Gulf Coast Guide Service Ramp (60 wet slips; party boats)
2	162	29°22'10"	94°44'59"	Ermin Pilsner Public Ramp
2	163	29°33'52"	95°03'51"	Clear Lake Parkside Lift
2	(164)			(Cold Pass Marina Ramp - Deleted 11/21/01)
2	165	29°35'25"	95°02'26"	Sneak'N Out Ramp
2	(166)			(Club Nautico at Payco Marina - Deleted 5/15/92)
2	(167)			(Bay Oaks Harbor Private Ramp - Deleted 11/21/94)
2	168	28°57'22"	95°17'39"	Bridge Bait Ramp
2	169	29°08'42"	95°02'49"	West Bay Marina Ramp at Sea Isle (includes 3 docks with 54 wet slips)
2	170	29°23'21"	94°45'35"	Hornbeck's Bait Camp Ramp
2	171	29°36'49"	94°31'43"	Anahuac National Wildlife Refuge Oyster Bayou Ramp
2	172	29°34'30"	94°33'21"	Anahuac National Wildlife Refuge Bay Ramp
2	173	29°32'06"	95°05'41"	League City FM 270 Ramp
2	174	29°33'03"	95°01'24"	Seabrook SH 146 Bridge Public Ramp
2	175	28°55'54"	95°19'09"	Quintana Public Ramp
2	176	29°25'19"	94°53'23"	Dollar Point Ramp
2	177	29°42'45"	94°59'32"	V. H. "Buddy" McBride Ramp
3	1	28°25'58"	96°25'59"	Froggie's Ramp (crossover site)
3	2	28°26'21"	96°24'51"	Fishing Center Ramp (crossover site)
3	(3)			(Tweety's Bait Ramp - Deactivated as crossover site 5/15/93)
3	4	28°30'42"	96°29'18"	Indianola Fishing Center Ramp
3	5	28°33'40"	96°32'22"	Magnolia Ramp
3	6	28°34'43"	96°39'01"	Chocolate Bayou Ramp
3	7	28°35'42"	96°37'11"	Harbor Refuge Ramp
3	8	28°38'22"	96°36'43"	Lavaca Causeway Ramp
3	9	28°40'54"	96°33'46"	Point Comfort Ramp
3	10	28°38'24"	96°27'31"	Florence Bait Camp Ramp
3	11	28°44'16"	96°24'07"	Crescent V Ramp
3	12	28°38'12"	96°21'15"	At Last Marina Ramp (includes wet slips)
3	13	28°43'15"	96°16'24"	Turtle Bridge Ramp
3	14	28°41'47"	96°13'51"	Turning Basin Ramp
3	(15)			(Palacios Bait Camp Ramp - Deleted 11/21/96)
3	16	28°42'16"	96°12'33"	East Bay Ramp
3	17	28°42'53"	96°12'02"	Grassy Point Bait Camp Ramp
3	18	28°47'11"	96°09'00"	Palacios River Ramp
3	19	28°40'12"	95°57'52"	River Bend Ramp
3	20	28°38'30"	95°57'57"	Al's Ramp
3	(21)			(Gilmer's Ramp - Deleted 6/15/82)
3	22	28°37'40"	95°58'13"	Rawlings Ramp
3	(23)			(UFO Ramp - Deleted 5/15/84)
3	24	28°46'20"	95°38'03"	Caney Creek Marina Ramp
3	25	28°46'16"	95°37'05"	Bridge Cove Marina Ramp
3	(26)			(Cherry's Ramp - Deleted 5/15/84)
3	(27)			(Bulkhead Marina Lift - Deleted 5/15/80)
3	28	28°45'28"	95°46'26"	Chinquapin Ramp
3	(29)			(The Wharf Ramp - Deleted 5/15/94)
3	30	28°38'40"	95°57'53"	St. Mary's Bayou Ramp
3	31	28°41'39"	96°39'50"	Six Mile Ramp

Table A.1. (Cont'd.)

Bay system ^a	Site No. ^b	Site location ^c		Site description ^d
		Latitude	Longitude	
3	(32)			(Don Juan Marina Ramp - Deleted 5/15/97)
3	33	28°42'34"	96°12'36"	Brookings Boat Shed (34 wet slips)
3	(34)			(Collegeport Ramp - Deleted 11/21/85)
3	35	28°41'15"	96°16'27"	Jensen's Point Ramp
3	36	28°39'27"	96°24'58"	Port Alto Boat Shed (107 wet slips in 2 sheds)
3	(37)			(Ramp at East End of Port Lavaca Causeway - Deleted 11/21/86)
3	(38)			(Coloma Creek Bridge (launching from shore) - Deleted 11/21/86)
3	(39)			(Fishing Center Boat Sheds - Deleted 5/15/84)
3	(40)			Not previously assigned
3	(41)			(McKinney Boat Sheds - Deactivated as crossover site 5/15/92)
3	(42)			(Power's Boat Sheds - Deactivated as crossover site 5/15/92)
3	(43)			(Alligator Head East Boat Sheds - Deactivated as crossover site 5/15/92)
3	(44)			(Alligator Head West Boat Sheds - Deactivated as crossover site 5/15/92)
3	(45)			(Weathersby's Boat Sheds - Deactivated as crossover site 5/15/92)
3	46	28°41'15"	95°57'58"	C and R Bait Camp Ramp
3	47	28°46'05"	96°00'02"	Selkirk Island Ramp
3	(48)			(Karen's Ramp - Deleted 5/15/92)
3	49	28°49'59"	96°34'35"	Lolita Ramp
3	50	28°49'22"	96°34'28"	Frell's Landing Ramp
3	(51)			(Holiday Harbor Marina Ramp - Deleted 11/21/87)
3	52			Boat trailers at non-designated launching sites (rove only)
3	53	28°30'35"	96°30'23"	Powderhorn RV Park Ramp
3	(54)			(Jackson County Ramp - Deleted 5/15/94)
3	(55)			(Boco Chico Ramp - Deleted 5/15/94)
3	56	28°38'58"	95°57'48"	Allen's Landing Ramp
3	57	28°46'39"	96°41'55"	Garcita Creek Ramp
3	58	28°49'12"	96°24'09"	West Carancahua River Ramp
3	59	28°41'34"	95°57'29"	Matagorda Turning Basin Ramp
3	60	28°41'53"	96°13'05"	Railroad Park Ramp
3	61	28°44'38"	96°39'47"	La Salle Ramp
3	62	28°26'25"	96°24'53"	Clark's Seafood Ramp (includes wet slips) (crossover site)
3	63	28°46'05"	95°38'25"	Linda's Bait Camp Ramp
3	64	28°41'38"	95°57'19"	Matagorda Turning Basin Boat Stalls (104 wet slips)
3	65	28°38'11"	96°27'25"	Olivia Park Ramp
3	66	28°46'22"	95°38'04"	Caney Club Ramp
3	67	28°47'14"	95°59'44"	FM 521 Colorado River Park Ramp
3	68	28°37'35"	95°58'14"	Southwest Cut Ramp
3	69	28°45'48"	95°37'55"	Mitchell's Cut Ramp
4	1	28°26'21"	96°24'51"	Fishing Center Ramp (crossover site)
4	2	28°25'58"	96°25'59"	Froggie's Ramp (crossover site)
4	3	28°26'11"	96°25'16"	Tweety's Bait Ramp (rove only)
4	4	28°21'56"	96°34'41"	Shoalwater Flats Association Ramp (rove only)
4	5	28°23'29"	96°42'34"	Swan Point Ramp
4	6	28°24'29"	96°42'42"	Seadrift Harbor Ramp
4	7	28°23'44"	96°50'22"	Austwell Ramp
4	8	28°20'48"	96°47'41"	Hopper's Landing Ramp
4	(9)			(Pete's Bait Camp Ramp - Deleted 8/17/79)
4	(10)			(Morgan's Bait Camp Ramp - Deleted 8/17/79)
4	(11)			(Fishing Center Boat Sheds - Deleted 5/15/84)

Table A.1. (Cont'd.)

Bay system ^a	Site No. ^b	Site location ^c		Site description ^d
		Latitude	Longitude	
4	(12)			(Beacon 21 Ramp - Deleted 11/21/91)
4	13	28°26'15"	96°24'57"	McKinney Boat Sheds (12 wet slips)
4	(14)			(Power's Boat Sheds - Deleted 5/15/99)
4	15	28°26'16"	96°25'07"	Alligator Head East Boat Sheds (28 wet slips)
4	16	28°26'14"	96°25'12"	Alligator Head West Boat Sheds (49 wet slips)
4	17	28°26'04"	96°25'49"	Weathersby's Boat Sheds (38 wet slips)
4	(18)			(Louie Walker's Ramp - Deleted 11/21/94)
4	(19)			(Carbide Ramp - Deleted 11/21/02)
4	20	28°07'41"	96°59'08"	Goose Island State Park Ramp (crossover site)
4	21	28°26'25"	96°24'53"	Clark's Seafood Ramp (includes wet slips) (crossover site)
4	22	28°21'52"	96°34'53"	Charlie's Bait Ramp
4	23	28°24'34"	96°43'23"	Seadrift Park Ramp
4	24	28°26'02"	96°25'44"	Voss' Boat Sheds (10 wet slips)
4	25	28°26'18"	96°24'54"	Fishing Center Dock (17 wet slips)
4	52			Boat trailers at non-designated launching sites (rove only)
5	1	28°01'50"	97°02'17"	Little Bay Ramp
5	2	28°03'34"	97°01'57"	Fulton Harbor Ramp
5	3	28°06'48"	97°01'28"	South Copano Causeway Ramp
5	4	28°08'14"	97°00'24"	Sea Gun Marina Ramp (includes wet slips)
5	5	28°07'41"	96°59'08"	Goose Island State Park Ramp (crossover site)
5	6	28°08'31"	96°58'36"	St. Charles Marina Ramp
5	7	28°09'49"	97°00'29"	Holiday Beach Ramp
5	(8)			(Herndon's Hideway - Deleted 2/29/88)
5	(9)			(Klein's Rattlesnake Point Ramp - Deleted 5/15/84)
5	10	27°59'32"	97°09'53"	Redfish Camp Ramp
5	11	28°04'15"	97°13'09"	Egery Island Marina Ramp
5	(12)			(North Conn Brown Harbor Ramp - Deleted 11/21/85)
5	13	27°54'00"	97°08'09"	South Conn Brown Harbor Public Ramp (crossover site)
5	14	27°53'18"	97°06'43"	Fin & Feather Marina Ramp (includes wet slips) (crossover site)
5	15	27°52'52"	97°05'57"	South Bay Marina Ramp (includes wet slips and rent boats)
5	16	27°58'03"	97°05'21"	Palm Harbor Ramp (includes 50 wet slips)
5	17	27°59'30"	97°04'21"	Cove Harbor Ramp (includes wet slips)
5	(18)			(Port Bay Ramp - Deleted 11/21/82)
5	(19)			(Rockport Turning Basin Ramp - Deleted 11/21/94)
5	20	27°52'29"	97°05'35"	Crab Man Ramp (includes wet slips and rent boats) (crossover site)
5	(21)			(Pouzee's Ramp - Deleted 11/21/95)
5	22	28°04'38"	97°13'15"	Bayside Public Ramp
5	23	27°52'39"	97°05'45"	Lonyo's Cajun Marina Ramp (includes wet slips)
5	24	28°04'23"	97°02'06"	Sand Dollar Ramp (includes wet slips)
5	(25)			(Key Allegro Marina - Deleted 5/15/82)
5	(26)			(Key Allegro North Ramp - Deleted 12/1/80)
5	(27)			(Racquet Club - Deleted 5/15/82)
5	28	27°53'22"	97°08'54"	Aransas Pass Airport Ramp (crossover site)
5	29	27°50'17"	97°04'00"	Port Aransas Public Ramp (crossover site)
5	(30)			(Woody's Ramp - Deleted 11/21/98)
5	(31)			(Harbor Oaks Ramp - Deleted 5/15/92)
5	(32)			(Key Allegro Boat Shed B - Deleted 5/15/96)
5	(33)			(Key Allegro Boat Shed A and T-Head - Deleted 5/15/96)
5	(34)			(Sea Foam Motel Ramp - Deleted 2/29/88)
5	(35)			(Harbor East Docks - Deactivated as crossover site 5/15/92)

Table A.1. (Cont'd.)

Bay system ^a	Site No. ^b	Site location ^c		Site description ^d
		Latitude	Longitude	
5	(36)			(Harbor West Docks - Deactivated as crossover site 5/15/92)
5	(37)			(Woody's West Docks - Deactivated as crossover site 5/15/92)
5	(38)			(Woody's East Docks - Deleted 11/21/92)
5	(39)			(Sports Center South Dock - Deactivated as crossover site 5/15/92 - Deleted 11/21/92)
5	(40)			(Sports Center North Dock - Deactivated as crossover site 5/15/92 - Deleted 11/21/92)
5	(41)			(Keller's Marina Boat Ramp - Deleted 11/21/85)
5	42	28°10'58"	97°13'06"	Mission River Ramp
5	(43)			(Lindsay's Landing Ramp - Deleted 5/15/99)
5	(44)			(Hampton's Landing Dock - Deactivated as crossover site 5/15/92)
5	45	27°53'22"	97°06'36"	Stinky's Bait Camp Ramp (includes wet slips)
5	46	27°53'20"	97°08'49"	Ransom Channel Park Ramp (crossover site)
5	47	28°03'52"	97°06'35"	Atteberry's Ramp
5	52			Boat trailers at non-designated launching sites (rove only)
6	1	27°50'12"	97°22'54"	South Nueces Causeway Public Ramp (includes wet slips and rent boats)
6	(2)			(North Nueces Causeway Ramp - Deleted 10/27/80)
6	3	27°50'11"	97°13'13"	Ingleside Cove Public Ramp
6	4	27°49'52"	97°13'25"	Bahia Marina Ramp (includes 46 wet slips)
6	(5)			(Channel View Ramp - Deleted 5/15/86)
6	(6)			(Warren's - Deleted 5/15/79)
6	7	27°53'22"	97°08'54"	Aransas Pass Airport Ramp (crossover site)
6	8	27°53'18"	97°06'43"	Fin & Feather Marina Ramp (includes wet slips) (crossover site)
6	9	27°44'12"	97°08'12"	Wilson's Cut Ramp
6	(10)			(Oso Bridge Public Ramp - Deleted 11/21/96)
6	11	27°47'25"	97°23'22"	L-Head Public Ramp
6	12	27°50'17"	97°04'00"	Port Aransas Public Ramp (crossover site)
6	(13)			(Woody's Ramp - Deleted 11/21/98)
6	14	27°53'20"	97°08'49"	Ransom Channel Park Ramp (crossover site)
6	(15)			(Sun Oil Ramp - Deleted 11/21/92)
6	(16)			(Billing's Public Ramp - Deactivated as crossover site 5/15/92)
6	(17)			(Naval Ramp - Deactivated as crossover site 5/15/92)
6	(18)			(South Bay Marina Ramp - Deactivated as crossover site 5/15/94)
6	(19)			(Gunderland Marine Ramp - Deleted 11/21/97)
6	20	27°51'29"	97°21'10"	Portland Shell Bank Ramp
6	21	27°54'00"	97°08'09"	South Conn Brown Harbor Public Ramp (crossover site)
6	22	27°53'20"	97°08'55"	Harbor East Docks (1 dock and 2 bulkheads with 74 wet slips)
6	23	27°53'27"	97°08'57"	Harbor West Docks (bulkhead with 84 wet slips)
6	24	27°50'19"	97°03'52"	West City Docks (2 docks and 1 bulkhead with 79 wet slips; party boats)
6	25	27°50'22"	97°03'50"	East City Docks (4 docks and 2 bulkheads with 139 wet slips; party boats)
6	26	27°50'13"	97°04'04"	Deep Sea Headquarters Docks (12 party-boat wet slips)
6	27	27°50'12"	97°03'57"	Dolphin Docks (4 party-boat wet slips)
6	28	27°50'19"	97°03'39"	Woody's West Docks (2 docks with 27 wet slips; party boats)
6	(29)			(Woody's East Docks - Deleted 11/21/92)
6	(30)			(Sports Center South Dock - Deleted 11/21/92)
6	(31)			(Sports Center North Dock - Deleted 11/21/92)
6	32	27°50'23"	97°03'35"	Fisherman's Wharf Dock (4 party-boat wet slips)

Table A.1. (Cont'd.)

Bay system ^a	Site No. ^b	Site location ^c		Site description ^d
		Latitude	Longitude	
6	33	27°50'20"	97°03'11"	U.T. Boat Basin Docks (1 dock and bulkhead with 42 wet slips)
6	34	27°48'25"	97°05'10"	Island Moorings Marina Docks (285 wet slips)
6	35	27°53'22"	97°08'54"	Hampton's Landing Dock (1 dock and 1 bulkhead with 31 wet slips)
6	36	27°37'53"	97°14'22"	Marker 37 Ramp (includes wet slips) (crossover site)
6	37	27°50'21"	97°03'38"	Sportsplex Docks (2 docks with 58 wet slips; party boats)
6	38	27°50'20"	97°03'34"	Trout Street Yacht Basin (2 docks and 1 bulkhead with 36 wet slips; party boats)
6	(39)			(Lonyo's Cajun Marina Ramp - Deactivated as crossover site 5/15/96)
6	40	27°52'29"	97°05'35"	Crab Man Ramp (includes wet slips and rent boats) (crossover site)
6	52			Boat trailers at non-designated launching sites (rove only)
7	1	27°36'43"	97°17'53"	Catchin' Connection Ramp (includes wet slips)
7	2	27°37'01"	97°17'49"	C-W Bait Stand Ramp (includes wet slips and rent boats)
7	3	27°37'47"	97°17'21"	Tropic Isles Ramp
7	(4)			(Laguna Marine Ramp - Deleted 5/15/95)
7	(5)			(Toll Gate Ramp - Deleted 5/15/90)
7	(6)			(Whitt's - Deleted 5/15/82)
7	(7)			(Fisherman's Folly - Deleted 5/15/81)
7	(8)			(JFK Inn Ramp - Deleted 11/21/01)
7	9	27°38'10"	97°14'29"	Land & Sea Marina Ramp (includes wet slips)
7	(10)			(Rainbow Ramp - Deleted 11/21/85)
7	11	27°38'05"	97°14'17"	Clem's Marina Ramp (includes wet slips)
7	12	27°38'03"	97°14'11"	Billing's Public Ramp
7	13	27°37'24"	97°13'31"	Padre Isle Investment Ramp I
7	(14)			(Boat Hole Ramp - Deleted 5/15/99)
7	15	27°41'17"	97°15'27"	Naval Ramp (includes wet slips and rent boats)
7	16	27°19'11"	97°40'55"	Kaufer Ramp
7	(17)			(Kratz's Ramp - Deleted 11/21/97)
7	18	27°16'40"	97°42'30"	Williamson's Ramp (includes wet slips)
7	19	27°28'23"	97°18'35"	Bird Island Basin Ramp
7	(20)			(Whiteley's Basin Ramp - Deleted 5/15/85)
7	21	27°36'10"	97°14'26"	Padre Isle Investment Ramp II (White Cap and Caravel)
7	22	27°36'43"	97°14'22"	Padre Isle Investment Ramp III (End of Cobo de Caba)
7	23	27°36'00"	97°13'48"	Padre Isle Investment Ramp IV (Gypsy and Bounty)
7	24	27°35'46"	97°13'53"	Padre Isle Investment Ramp V (Fortuna Bay and Monte Pelle)
7	25	27°35'24"	97°13'37"	Padre Isle Investment Ramp VI (Encatada and Cruiser)
7	26	27°36'01"	97°14'31"	Padre Isle Investment Ramp VII (Cartagena)
7	27	27°37'53"	97°14'22"	Marker 37 Ramp (includes wet slips) (crossover site)
7	52			Boat trailers at non-designated launching sites (rove only)
8	1	26°06'17"	97°10'13"	Fisherman's Wharf Ramp (includes 30 wet slips; party boats; rent boats)
8	2	26°06'20"	97°10'13"	Jim's Pier Ramp (includes 30 wet slips; party boats)
8	3	26°04'37"	97°09'55"	Sea Ranch Marina Ramp (includes 16 wet slips; party boats)
8	(4)			(Jetties Ramp - Deleted 5/15/80)
8	(5)			(Marchan's Ramp - Deleted 9/1/78)
8	(6)			(Port Isabel Ramp - Deleted 9/1/76)
8	7	26°04'27"	97°12'52"	White Sands Ramp (includes 16 wet slips)
8	8	26°00'08"	97°17'54"	San Martin Ramp
8	9	26°06'11"	96°17'26"	Laguna Vista Ramp (includes 17 wet slips)
8	10	26°19'30"	97°27'22"	Gabby's on the Arroyo Ramp
8	11	26°20'05"	97°26'19"	Sanchez Ramp
8	(12)			(Al's Place Ramp - Deleted 3/27/82)

Table A.1. (Cont'd.)

Bay system ^a	Site No. ^b	Site location ^c		Site description ^d
		Latitude	Longitude	
8	13	26°33'10"	97°25'41"	Willacy County Navigation District Ramp
8	14	26°33'24"	97°25'44"	Port Mansfield State Ramp
8	(15)			(Redfish Motel Ramp - Deleted 5/15/84)
8	16	26°08'00"	97°10'34"	South Padre Marina Ramp - Parrot Eyes (includes 72 wet slips)
8	17	26°33'06"	97°25'42"	Port Mansfield Boat Basin Docks (6 docks with 117 wet slips)
8	18	26°04'23"	97°12'42"	Port Isabel Channel East Side Docks (3 marinas with 45 wet slips; party boats)
8	19	26°04'32"	97°09'55"	Sea Ranch Marina South Docks (5 docks with 42 wet slips; party boats)
8	(20)			(Bermuda's Ramp - Deleted 11/21/91)
8	21	26°14'22"	97°35'07"	Rio Hondo Public Ramp
8	22	26°04'34"	97°12'59"	Port Isabel City Ramp
8	23	26°04'25"	97°12'57"	The Traveler Trailer Park Ramp (includes 10 wet slips)
8	24	26°03'59"	97°12'37"	Southpoint Marina Ramp (includes dry storage shed)
8	(25)			(Southpoint Marina Docks - Deleted 11/21/96)
8	26	26°04'35"	97°13'01"	Anchor Harbor Ramp (includes 22 wet slips)
8	27	26°04'46"	97°10'09"	South Padre Island State Ramp
8	(28)			(Arroyo City Resort Ramp - Deleted 11/21/93)
8	29	26°07'45"	97°10'18"	Ted's Ramp
8	30	26°20'59"	97°23'28"	Adolph Tomae County Park Ramp
8	31	26°04'15"	97°12'45"	Park Center Ramp
8	32	26°19'54"	97°26'28"	Channel View RV Park Ramp (includes 30 wet slips)
8	(33)			(Arroyo City RV Resort Ramp - Deleted 11/21/00)
8	34	26°04'37"	97°09'58"	Sea Ranch Marina Dry Storage Shed (408-boat capacity)
8	52			Boat trailers at non-designated launching sites (rove only)

^a 1=Sabine Lake, 2=Galveston, 3=Matagorda, 4=San Antonio, 5=Aransas, 6=Corpus Christi, 7=Upper Laguna Madre, and 8=Lower Laguna Madre.

^b Parentheses indicate deleted sites.

^c Initially determined from National Oceanic and Atmospheric Administration (NOAA) nautical charts; updated with Global Positioning System (GPS) hand-held units effective 15 May 1999.

^d A site located in one bay system is designated as a "crossover" site in an adjacent bay system if adjacent-bay-system fishing activity originating from that site represents at least 1% of the adjacent bay system's fishing activity.

Appendix A.2. Calculation of fishing effort, landings, catch rates, and associated standard errors.

Fishing effort (man-hours: number of anglers x trip length) and landings (number of fish in ten species groups: eight target species, "other" species, and all species combined) estimates for private-boat anglers (and separately for party-boat anglers) in bays and passes were calculated for each bay system (8) and temporal stratum (4) [i.e., each combination of season (high-use and low-use) and day type (weekend and weekday)] with the following equation:

$$\hat{F}_{bh} = d_{bh} * \bar{f}_{bh} \quad (1)$$

where \hat{F}_{bh} is the estimated fishing effort or landings in the h th temporal stratum and the b th bay system; d_{bh} is the number of fishable days in the h th temporal stratum and the b th bay system (i.e., does not include days deemed not fishable because of natural disasters like hurricanes, tropical storms, and ice storms) (Table A.2); and \bar{f}_{bh} is the mean daily estimate of fishing effort or landings in the h th temporal stratum and the b th bay system calculated as:

$$\bar{f}_{bh} = \frac{\sum_{n=1}^n \left(\sum_{j=1}^j f_{bhnj} \right) * (y_{bhn})}{n_{bh}} \quad (2)$$

where f_{bhnj} is effort or landings in the j th interview of the n th survey in the h th temporal stratum and the b th bay system; n_{bh} is the number of surveys conducted in the h th temporal stratum and the b th bay system; and y_{bhn} is the expansion factor for the n th survey in the h th temporal stratum and the b th bay system calculated as:

$$y_{bhn} = \frac{s_h * m_{bhn}}{r_{bhi}} \quad (3)$$

where s_h is an upward adjustment for daylight hours not surveyed before 1000 hours and after 1800 hours in the h th temporal stratum; m_{bhn} is an upward or neutral adjustment for interviews missed during the 1000-1800 hours survey period at the n th survey in the h th temporal stratum and the b th bay system; and r_{bhi} is the relative fishing pressure (an upward adjustment) associated with the i th site in the h th temporal stratum and the b th bay system calculated as:

$$r_{bhi} = \frac{\bar{t}_{bhi} * q_{bhi} * v_{bhi}}{\sum_{k=1}^w \left(\bar{t}_{bhi} * q_{bhi} * v_{bhi} \right)} \quad (4)$$

where \bar{t}_{bhi} is the mean number of empty boat trailers and empty but rented wet slips observed at the i th site in the h th temporal stratum and the b th bay system; q_{bhi} is the downward or neutral adjustment for interviewed parties that did not fish in the target bay system at the i th site in the h th temporal stratum and the b th bay system; v_{bhi} is the upward or neutral adjustment for interviewed parties that did not park their empty boat trailer or rent a wet slip at the i th site in the h th temporal stratum and the b th bay system; and w is the total number of sites in the b th bay system.

Standard errors for mean daily estimates of fishing effort and landings were calculated for each bay system and temporal stratum with the following equation:

$$\hat{SE}(\bar{f}_{bh}) = \sqrt{d_{bh}^2 * \hat{\text{var}}(\bar{f}_{bh})} \quad (5)$$

where d_{bh} is the number of fishable days in the h th temporal stratum and the b th bay system (see above); and $\hat{\text{var}}(\bar{f}_{bh})$ is the variance of the mean daily estimate of fishing effort or landings in the h th temporal stratum and the b th bay system calculated as:

$$\hat{\text{var}}(\bar{f}_{bh}) = \frac{\sum_{n=1}^n (f_{bhn} - \bar{f}_{bh})^2}{n_{bh} - 1} \quad (6)$$

where n_{bh} is the number of surveys conducted in the h th temporal stratum and the b th bay system; \bar{f}_{bh} is the mean daily estimate of fishing effort or landings in the h th temporal stratum and the b th bay system (see above); and f_{bhn} is the total effort or landings for the n th survey in the h th temporal stratum and the b th bay system calculated as:

$$f_{bhn} = \sum_{j=1}^j f_{bhnj} \quad (7)$$

where f_{bhnj} is effort or landings in the j th interview of the n th survey in the h th temporal stratum and the b th bay system.

Catch rates (number of fish per man-hour) for each of the ten species groups (see above) were calculated for each bay system and temporal stratum with the following equation:

$$\hat{C}_{bh} = \frac{L_{bh}}{E_{bh}} \quad (8)$$

where E_{bh} is fishing effort in the h th temporal stratum and the b th bay system calculated as \hat{F}_{bh} above; and L_{bh} is landings of a given species or species group in the h th temporal stratum and the b th bay system also calculated as \hat{F}_{bh} above.

Standard errors for catch rate estimates were calculated for each bay system and temporal stratum with the following equation derived from Goodman (1960):

$$\hat{SE}(\hat{C}_{bh}) = \frac{1}{E_{bh}^2} \sqrt{\left(L_{bh}^2 * \frac{\hat{\text{var}}(E_{bh})}{n_{bh}} \right) + \left(E_{bh}^2 * \frac{\hat{\text{var}}(L_{bh})}{n_{bh}} \right) - \left(\frac{\hat{\text{var}}(E_{bh})}{n_{bh}} * \frac{\hat{\text{var}}(L_{bh})}{n_{bh}} \right)} \quad (9)$$

where E_{bh} is fishing effort in the h th temporal stratum and the b th bay system; L_{bh} is landings of a given species or species group in the h th temporal stratum and the b th bay system; $\hat{\text{var}}(E_{bh})$ is the variance of E_{bh} calculated as $\hat{\text{var}}(\bar{f}_{bh})$ above; $\hat{\text{var}}(L_{bh})$ is the variance of L_{bh} calculated as $\hat{\text{var}}(\bar{f}_{bh})$ above; and n_{bh} is the number of surveys conducted in the h th temporal stratum and the b th bay system.

Seasonal (high-use and low-use) estimates of fishing effort and landings for each bay system were determined by summing weekend and weekday estimates within each season.

Standard errors for seasonal estimates of fishing effort and landings were calculated by summing weekend and weekday variances and taking the square root [i.e., the variance of the sum is the sum of the variances (Snedecor and Cochran 1967)].

Seasonal catch rates for each of the ten species groups (see above) were calculated for each bay system using seasonal estimates of fishing effort and landings (see equation 8 above).

Standard errors for seasonal catch rate estimates were calculated with the following equation derived from Goodman (1960):

$$\hat{SE}(\hat{C}_{bk}) = \frac{1}{E_{bk}^2} \sqrt{\left[L_{bk}^2 * \left(\frac{\hat{\text{var}}(E_{bk1})}{n_{bk1}} + \frac{\hat{\text{var}}(E_{bk2})}{n_{bk2}} \right) \right] + \left[E_{bk}^2 * \left(\frac{\hat{\text{var}}(L_{bk1})}{n_{bk1}} + \frac{\hat{\text{var}}(L_{bk2})}{n_{bk2}} \right) \right] - \left[\left(\frac{\hat{\text{var}}(E_{bk1})}{n_{bk1}} + \frac{\hat{\text{var}}(E_{bk2})}{n_{bk2}} \right) * \left(\frac{\hat{\text{var}}(L_{bk1})}{n_{bk1}} + \frac{\hat{\text{var}}(L_{bk2})}{n_{bk2}} \right) \right]} \quad (10)$$

Table A.2. Fishable days along the Texas coast (1983-2003).

Year ^a	Bay system ^b	High-use season ^c		Low-use season ^d		Total days ^e	Reason for reduction in total days ^f
		WE ^g	WD ^h	WE ^g	WD ^h		
1983-84	2	58	130	51	125	364	H. Alicia
	3, 4	58	131	51	125	365	H. Alicia
	5-7	58	132	51	125	366	
1984-85	8	57	132	51	125	365	H. Barry
	2-4, 8	57	133	53	122	365	
	5-7	57	133	52	122	364	Ice storm
1985-86	2	57	131	53	122	363	H. Juan
	3-8	57	133	53	122	365	
1986-87	2-8	57	133	53	122	365	
1987-88	1-8	56	134	54	122	366	
1988-89	1	58	132	51	124	365	
	2	57	131	51	124	363	H. Gilbert
	3	57	130	51	124	362	H. Gilbert
	4-8	56	130	51	124	361	H. Gilbert
1989-90	1, 3-8	57	133	53	122	365	
	2	57	131	53	122	363	T.S. Allison & H. Chantal
1990-91	1-8	57	133	53	122	365	
1991-92	1-8	57	133	53	123	366	
1992-93	1-8	56	134	53	122	365	
1993-94	1-2	57	133	51	124	365	
	3-8	55	133	51	124	363	T.S. Arlene
1994-95	1-8	58	132	51	124	365	
1995-96	1-7	57	133	53	123	366	
	8	57	132	53	123	365	T.S. Gabrielle
1996-97	1-8	57	133	53	122	365	
1997-98	1-8	57	133	53	122	365	
1998-99	1	54	130	53	122	359	T.S. Frances
	2, 4, 7	54	132	53	122	361	T.S. Charley & T.S. Frances
	3, 5, 6	55	132	53	122	362	T.S. Charley & T.S. Frances
	8	56	132	53	122	363	T.S. Frances
1999-2000	1-4	57	133	52	124	366	
	5-8	56	132	52	124	364	H. Bret
2000-01	1-8	57	133	53	122	365	
2001-02	1-8	57	133	53	122	365	
2002-03	1	57	131	53	122	363	H. Lili
	2, 3	56	133	53	122	364	T.S. Fay
	4-8	57	133	53	122	365	

^a 15 May of one year to 14 May of next year. Sabine Lake was added to the survey at beginning of 1987-88.

^b 1=Sabine Lake, 2=Galveston, 3=Matagorda, 4=San Antonio, 5=Aransas, 6=Corpus Christi, 7=Upper Laguna Madre, and 8=Lower Laguna Madre.

^c 15 May to 20 November.

^d 21 November of one year to 14 May of next year.

^e Should equal 365 or 366; leap years in 1984, 1988, 1992, 1996, and 2000.

^f H.=hurricane; T.S.=tropical storm.

^g WE=weekend days (Saturday and Sunday).

^h WD=weekdays (Monday through Friday).

Appendix A.3. Conversion of standard and fork lengths to total lengths, and conversion of total lengths to whole weights.

Prior to 15 May 1983, landed fish of each species were counted and weighed en masse for each fishing party. According to Osburn and Ferguson (1986), mean total lengths were back calculated using weight-length regressions.

Beginning on 15 May 1983, landed fish of each species from each fishing party were counted and up to six randomly selected specimens were measured for total length to the nearest millimeter. Standard or fork lengths to the nearest millimeter were taken when total lengths were not available. Weights were not taken. Standard and fork lengths were converted to total lengths for determination of mean lengths. Total lengths were converted to whole weights in grams for determination of mean weights.

Mean lengths contained in this report for the 1983-84 through 1997-98 survey years were based on conversion factors listed in Table A.3. In 1999, the database was converted to a relational format. As part of this process, standard and fork lengths were permanently converted to total lengths for selected species. Several different standard-length to total-length conversion factors were used. Mean lengths contained in this report for the 1998-99 through 2002-03 survey years were based on conversion factors listed in Table A.4.

Standard lengths were converted to total lengths with the following equation:

$$TL = a + b(SL) \quad (1)$$

where TL is total length in millimeters; a is the Y-intercept; b is the slope of the regression line; and SL is standard length in millimeters. Values of a and b are listed in Tables A.3 and A.4.

Fork lengths were converted to total lengths with the following equation:

$$TL = c + d(FL) \quad (2)$$

where TL is total length in millimeters; c is the Y-intercept; d is the slope of the regression line; and FL is fork length in millimeters. Values of c and d are listed in Tables A.3 and A.4.

Total lengths were converted to whole weights with the following equation:

$$WW = 10^{[(\log a) + b (\log TL)]} \quad (3)$$

where WW is whole weight in grams; a is the Y-intercept; b is the slope of the regression line; and TL is total length in millimeters. Values of $\log a$ and b are listed in Table A.5.

Table A.3. Length to length conversion factors used for selected fishes during the 1983-84 through 1997-98 survey years.

Species	Standard to total		Fork to total		Source
	<i>a</i>	<i>b</i>	<i>c</i>	<i>d</i>	
Atlantic croaker	12.987	1.156			Derived ^a
Black drum	18.220	1.181			Harrington et al. (1979)
Cobia			-49.550	1.183	Derived ^b
Dolphin			-2.648	1.205	Campbell (1984)
Gafftopsail catfish	9.862	1.181			Derived ^a
Greater amberjack			51.062	1.069	Derived ^b
King mackerel	23.799	1.167	48.968	1.067	Campbell et al. (1988)
Little tunny			91.531	0.944	Derived ^c
Red drum	12.870	1.177			Harrington et al. (1979)
Red snapper	19.319	1.177			Campbell (1984)
Sand seatrout	8.010	1.170			Shlossman and Chittenden (1981)
Sheepshead	7.486	1.243			Harrington et al. (1979)
Southern flounder	8.959	1.175			Harrington et al. (1979)
Spanish mackerel			21.599	1.123	Campbell (1984)
Spotted seatrout	11.804	1.138			Harrington et al. (1979)

^a Log-based standard to total length conversions found in Classen et al. (1988) were used to convert artificial standard lengths to total lengths, then standard and total length pairs were regressed using SAS.

^b Unpublished Texas Parks and Wildlife Department fork and total length pairs were regressed using SAS.

^c Unpublished National Marine Fisheries Service (Beaufort, North Carolina) fork and total length pairs were regressed using SAS.

Table A.4. Length to length conversion factors used for selected fishes during the 1998-99 through 2002-03 survey years.

Species	Standard to total		Fork to total		Source
	<i>a</i>	<i>b</i>	<i>c</i>	<i>d</i>	
Atlantic croaker	6.507	1.184			Derived ^a
Black drum	17.146	1.184			Derived ^a
Cobia			-49.550	1.183	Derived ^b
Dolphin			-2.648	1.205	Campbell (1984)
Gafftopsail catfish	11.912	1.237			Derived ^a
Greater amberjack			51.062	1.069	Derived ^b
King mackerel	23.799	1.167	48.968	1.067	Campbell et al. (1988)
Little tunny			91.531	0.944	Derived ^c
Red drum	9.343	1.186			Derived ^a
Red snapper	19.319	1.177			Campbell (1984)
Sand seatrout	8.098	1.158			Derived ^a
Sheepshead	6.070	1.248			Derived ^a
Southern flounder	6.702	1.182			Derived ^a
Spanish mackerel			21.599	1.123	Campbell (1984)
Spotted seatrout	9.396	1.144			Derived ^a

^a Unpublished Texas Parks and Wildlife Department (TPWD) standard and total length pairs were regressed using SAS.

^b Unpublished TPWD fork and total length pairs were regressed using SAS.

^c Unpublished National Marine Fisheries Service (Beaufort, North Carolina) fork and total length pairs were regressed using SAS.

Table A.5. Length to weight conversion factors for selected fishes.

Species	$\log a$	b	Source
Atlantic croaker	-5.360	3.200	Classen et al. (1988)
Atlantic sharpnose shark	-7.150	3.670	Classen et al. (1988)
Atlantic spadefish	-3.810	2.710	Morris and Martin (1990)
Black drum	-4.856	3.001	Harrington et al. (1979)
Blacktip shark	-5.970	3.270	Morris and Martin (1990)
Cobia	-5.148	3.009	Derived ^a
Dolphin	-4.925	2.888	Campbell (1984)
Gafftopsail catfish	-5.430	3.150	Classen et al. (1988)
Gray triggerfish	-3.856	2.595	Derived ^b
Greater amberjack	-5.848	3.281	Derived ^a
King mackerel	-5.495	3.070	Campbell et al. (1988)
Lane snapper	-3.991	2.652	Manooch and Mason (1984)
Little tunny	-5.216	3.095	Derived ^c
Red drum	-5.085	3.041	Harrington et al. (1979)
Red snapper	-5.242	3.145	Campbell (1984)
Sand seatrout	-5.190	3.080	Morris and Martin (1990)
Sheepshead	-4.424	2.869	Harrington et al. (1979)
Southern flounder	-5.260	3.125	Harrington et al. (1979)
Spanish mackerel	-4.878	2.866	Campbell (1984)
Spotted seatrout	-5.192	3.062	Harrington et al. (1979)
Vermilion snapper	-5.766	3.324	Campbell (1984)
"Other" species	-5.000	3.000	Unknown ^d

^a Unpublished Texas Parks and Wildlife Department total length and whole weight pairs were regressed using SAS.

^b Total length to fork length and fork length to whole weight conversions found in Johnson and Saloman (1984) were used to convert artificial total lengths to whole weights, then total length and whole weight pairs were regressed using SAS.

^c Unpublished National Marine Fisheries Service (Beaufort) total length and whole weight pairs were regressed using SAS.

^d Generic isometric growth.

Appendix A.4. Calculation of mean total lengths, mean whole weights, and associated standard errors.

For data collected after 14 May 1983, mean total lengths and mean whole weights were calculated with the following methods. Fish lengths were obtained during surveys; fish weights were obtained by converting fish lengths.

Mean lengths for target species in each bay system (8) were calculated for each temporal stratum (4) (i.e., each combination of season and day type) with the following equation:

$$\bar{l}_{bh} = \frac{\sum_{i=1}^n l_i}{\sum_{i=1}^n m_i} \quad (1)$$

where \bar{l}_{bh} is the mean length estimate for the h th temporal stratum and the b th bay system; n is the number of surveys conducted; m_i is the number of target fish landed in the i th survey; and l_i is the sum of target fish lengths in the i th survey calculated as:

$$l_i = \left(\sum_{j=1}^{x_i} l_{ij} \right) * \left(\frac{m_i}{x_i} \right) \quad (2)$$

where m_i is the number of target fish landed in the i th survey; x_i is the number of target fish measured in the i th survey; and l_{ij} is the length of the j th target fish measured in the i th survey. The m_i / x_i factor adjusts for target fish that were landed but not measured.

Standard errors for mean lengths in each bay system for each target species were calculated with the following equation:

$$SE_{bh} = \sqrt{\hat{\text{var}}(\bar{l}_{bh})} = \sqrt{\frac{\sum_{i=1}^n \left(l_i - (\bar{l}_{bh})(m_i) \right)^2}{n(n-1)(\bar{m})^2}} \quad (3)$$

where $\hat{\text{var}}(\bar{l}_{bh})$ is the variance of the mean of a single-stage cluster sample [see pages 115-117 in Thompson (1992)]; n is the number of surveys conducted; l_i is sum of target fish lengths in the i th survey (see above); \bar{l} is the mean length of the target species (see above); m_i is the number of fish landed in the i th survey; and \bar{m} is the average number of target fish observed each survey calculated as:

$$\bar{m} = \frac{\sum_{i=1}^n m_i}{n} \quad (4)$$

where m_i is the number of fish landed in the i th survey; and n is the number of surveys conducted. If target fish lengths occur from only one survey day, then the variance and standard error will equal zero [see page 118 in Thompson (1992)].

Annual mean lengths within each bay system (\bar{l}_b) and coastwide (\bar{l}) for each target species were derived from temporal stratum-level estimates (see above) and calculated with the following equations:

$$\bar{l}_b = \frac{\sum_{h=1}^4 (m_{bh})(\bar{l}_{bh})}{\sum_{h=1}^4 m_{bh}} \quad (5)$$

$$\bar{l} = \frac{\sum_{b=1}^8 \sum_{h=1}^4 (m_{bh})(\bar{l}_{bh})}{\sum_{b=1}^8 \sum_{h=1}^4 m_{bh}} \quad (6)$$

where \bar{l}_{bh} is the mean length estimate for the h th temporal stratum and the b th bay system; and m_{bh} is the total number of target fish landed from all surveys in the h th temporal stratum and the b th bay system calculated as:

$$m_{bh} = \sum_{i=1}^n m_{bhi} \quad (7)$$

where n is the number of surveys conducted.

Standard errors for annual mean lengths within each bay system (SE_b) and coastwide (SE) for each target species were derived from temporal stratum-level variances (see above) and calculated with the following equations:

$$SE_b = \sqrt{\hat{\text{var}}(\bar{l}_b)} = \sqrt{\frac{\sum_{h=1}^4 (m_{bh})^2 (\hat{\text{var}}(\bar{l}_{bh}))}{\left(\sum_{h=1}^4 m_{bh}\right)^2}} \quad (8)$$

$$SE = \sqrt{\widehat{\text{var}}(\bar{l})} = \sqrt{\frac{\sum_{b=1}^8 \sum_{h=1}^4 (m_{bh})^2 (\widehat{\text{var}}(\bar{l}_{bh}))}{\left(\sum_{b=1}^8 \sum_{h=1}^4 m_{bh}\right)^2}} \quad (9)$$

where $\widehat{\text{var}}(\bar{l}_{bh})$ is the variance from the h th temporal stratum and the b th bay system; and m_{bh} is the total number of target fish landed from all surveys in the h th temporal stratum and the b th bay system.

Mean lengths for target species in each TTS (5) and EEZ (5) gulf area were calculated with equations analogous to those presented above for each bay system.

Mean weights for target species in each bay system, and in each TTS and EEZ gulf area were calculated with equations analogous to those presented above for mean lengths.

Appendix A.5. Determination of angler residential origin.

Angler residential origin was determined from the angler's county, state, or country of residence. Three categories of angler residential origin were recognized for Texas residents: adjacent coastal counties, non-adjacent coastal counties, and non-coastal counties. A fourth category was recognized for non-Texas residents (i.e., other states and countries).

There are 254 counties in Texas, of which 34 were considered "coastal" (i.e., their boundaries occurred mostly or completely within 80 km of any part of any bay system or gulf area). The remaining 220 counties were considered "non-coastal".

The 34 coastal counties were further subdivided into "adjacent" and "non-adjacent". Adjacent coastal counties occurred mostly or completely within 80 km of any part of the bay system or gulf area fished; non-adjacent coastal counties occurred outside 80 km.

Texas coastal counties considered adjacent to each bay system and gulf area during 1983-2003 are summarized in Table A.6.

Prior to 15 May 1983, the method for determining angler residential origin was slightly different. Instead of determining the residence of each party member, the residence of the boat owner was determined and applied to all party members. Forty-five counties were considered to be "coastal" (i.e., counties having a border within 128 km of the gulf shoreline). "Adjacent" coastal counties for each bay system were defined as "surrounding" (Osburn and Ferguson 1986) the bay system. Texas coastal counties considered adjacent to each bay system during 1974-1983 are summarized in Table A.7.

Table A.6. Adjacent coastal counties in Texas (1983-2003).

County	Bay system ^a								Gulf area ^b				
	1	2	3	4	5	6	7	8	1	2	3	4	5
Aransas			•	•	•	•	•				•	•	
Bee					•	•						•	
Brazoria		•	•							•	•		
Brooks							•	•					•
Calhoun			•	•	•						•	•	
Cameron								•					•
Chambers	•	•							•	•			
De Witt			•	•							•		
Duval							•						
Fort Bend		•	•							•	•		
Galveston		•								•			
Goliad			•	•	•	•					•	•	
Hardin	•	•							•	•			
Harris		•								•			
Hidalgo								•					•
Jackson			•	•	•						•	•	
Jasper	•								•				
Jefferson	•	•							•	•			
Jim Wells						•	•					•	
Kenedy						•	•	•				•	•
Kleberg					•	•	•	•				•	•
Lavaca			•								•		
Liberty	•	•							•	•			
Live Oak						•						•	
Matagorda		•	•	•						•	•		
Montgomery		•								•			
Newton	•								•				
Nueces					•	•	•	•				•	•
Orange	•								•				
Refugio			•	•	•	•	•				•	•	
San Patricio				•	•	•	•				•	•	
Victoria			•	•	•						•	•	
Wharton			•								•		
Willacy							•	•					•

^a 1=Sabine Lake, 2=Galveston, 3=Matagorda, 4=San Antonio, 5=Aransas, 6=Corpus Christi, 7= Upper Laguna Madre, and 8=Lower Laguna Madre

^b 1=off Sabine Lake, 2=off Galveston Bay, 3=off Matagorda and San Antonio Bays, 4=off Aransas and Corpus Christi Bays, and 5=off Lower Laguna Madre.

Table A.7. Adjacent coastal counties in Texas (1974-1983).

County	Bay system ^a							
	1	2	3	4	5	6	7	8
Aransas				•	•	•		
Austin		•						
Bee					•	•		
Brazoria		•						
Brooks							•	•
Calhoun			•	•				
Cameron								•
Chambers		•						
Colorado			•					
De Witt			•	•				
Duval							•	
Fort Bend		•						
Galveston		•						
Goliad				•	•			
Gonzales			•					
Hardin	•							
Harris		•						
Hidalgo								•
Jackson			•					
Jasper	•							
Jefferson	•							
Jim Hogg							•	•
Jim Wells						•	•	

County	Bay system ^a							
	1	2	3	4	5	6	7	8
Karnes				•	•			
Kenedy							•	•
Kleberg							•	
Lavaca			•					
Liberty		•						
Live Oak						•		
Matagorda			•					
McMullen						•		
Montgomery		•						
Newton	•							
Nueces						•	•	
Orange	•							
Polk	•							
Refugio				•	•	•		
San Jacinto		•						
San Patricio					•	•		
Starr								•
Tyler	•							
Victoria			•	•				
Waller		•						
Wharton			•					
Willacy								•

^a 1=Sabine Lake, 2=Galveston, 3=Matagorda, 4=San Antonio, 5=Aransas, 6=Corpus Christi, 7= Upper Laguna Madre, and 8=Lower Laguna Madre

Appendix A.6. Determination of species sought and trip satisfaction

Species sought and trip satisfaction were determined by querying one randomly selected angling member of each sport-boat fishing party.

For species sought, the selected angler was asked if he/she had fished for a particular type (or species) of fish that day. If the response was “no”, then the angler was considered to have sought no particular species. If the response was “yes”, then the angler was asked to name the type (or species) of fish sought.

For trip satisfaction, the selected angler was asked how satisfied he/she was with that day’s trip on a scale of 0 to 10 with 0 being the least and 10 being the most. Only whole number responses from 0 to 10 were accepted during the interview.

Species sought and trip satisfaction were first queried during the 1987-88 survey year when a social and economic questionnaire was initiated (Green et al. 1991a, 1991b, 1991c). Species sought was queried in the pre-trip portion of the questionnaire and trip satisfaction was queried in the post-trip portion. When the questionnaire was terminated at the end of the 1990-91 survey year, the species sought and trip satisfaction queries were retained as part of the routine trip-ending interview.

Species sought data from 1987-88 through 1990-91 survey years were collected during pre-trip queries and are not directly comparable to species sought data collected thereafter during trip-ending interviews. For a variety of reasons, the response obtained at the start of a trip may differ from the response obtained at the end of a trip. In addition, data necessary to differentiate angler type (private-boat or party-boat) and angling location (bay and pass, TTS, or EEZ) were not collected during pre-trip queries. Thus, species sought data from the 1987-88 through 1990-91 survey years were summarized separately (Table A.8).

Table A.8. Percentage of sport-boat^a anglers seeking particular fish species along the Texas coast^b by bay system and year as determined from pre-trip interviews (1987-91).

Species Year	Bay system								Coastwide
	Sabine Lake	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre	
Atlantic croaker									
1987-88	0.9	0.6	0	0	0.6	0.7	0.8	0	0.4
1988-89	1.6	0.5	0	0	0.6	0.2	0.5	0	0.4
1989-90	0.9	1.6	0	0	0.4	0.6	1.0	0	0.6
1990-91	0.8	0.3	0.6	0.2	0	0	0	0.2	0.3
Black drum									
1987-88	0	7.7	0.7	0.3	0.6	1.7	0.8	0.4	1.4
1988-89	0.4	1.5	0	0.2	0	0.8	0.8	0.3	0.5
1989-90	0.4	0.5	0	0.2	0.4	1.3	0.9	0.5	0.5
1990-91	0.2	0.5	0.6	0.2	0.2	3.7	2.3	0.5	1.0
Flounder^c									
1987-88	14.7	8.8	7.7	5.2	3.4	5.2	2.1	0.9	5.8
1988-89	12.7	7.4	2.5	5.2	3.0	2.6	0.3	0.1	4.2
1989-90	9.3	6.2	6.8	3.0	1.1	3.6	0.5	1.1	3.7
1990-91	11.3	13.9	5.0	5.7	2.4	1.6	2.3	0.7	5.3
King mackerel									
1987-88	0.5	1.5	1.5	1.6	2.3	3.7	0	0	1.3
1988-89	0	0.2	2.5	1.1	4.7	5.6	0	0	1.6
1989-90	0	1.6	0.5	1.4	5.1	4.2	0	0.3	1.7
1990-91	0.2	0.3	0.9	2.0	6.4	4.3	0	1.4	2.1
Red drum									
1987-88	7.4	5.2	9.4	10.8	16.6	8.2	4.9	9.3	8.9
1988-89	4.4	4.7	9.6	7.5	13.6	6.8	4.7	7.9	7.2
1989-90	6.7	4.6	14.9	14.1	16.1	12.2	6.6	10.9	10.7
1990-91	6.7	4.4	10.9	13.2	19.3	13.8	13.2	12.3	11.8
Red snapper									
1987-88	0	0.4	0.4	0.2	0	0	0.2	0	0.1
1988-89	1.1	0.5	0.6	0.2	0.2	0	0	0	0.3
1989-90	1.3	0.5	0.3	0.2	0	0	0	0	0.3
1990-91	0.2	0	1.5	0.7	0	0.2	0	0.2	0.3
Spotted seatrout									
1987-88	9.2	17.3	11.6	15.0	8.1	8.6	12.5	9.9	11.5
1988-89	12.7	12.6	13.3	11.4	8.5	9.8	16.4	10.8	12.0
1989-90	9.6	19.8	7.3	8.3	9.0	9.1	12.6	7.0	10.2
1990-91	7.8	13.6	6.7	4.5	4.0	6.6	9.3	8.2	7.4

Table A.8. (Cont'd.)

Species Year	Bay system					Corpus Christi	Upper Laguna Madre	Lower Laguna Madre	Coastwide
	Sabine Lake	Galveston	Matagorda	San Antonio	Aransas				
Spotted seatrout and red drum									
1987-88	9.0	15.0	38.0	32.9	32.9	29.1	39.5	39.2	29.8
1988-89	7.8	11.9	33.3	29.5	40.4	31.5	41.5	43.9	30.4
1989-90	10.7	13.1	33.2	27.8	30.6	26.4	42.8	43.3	29.3
1990-91	11.3	11.1	22.9	29.1	18.9	20.9	24.8	37.7	22.2
Other species or combinations									
1987-88	15.5	10.0	6.9	7.0	9.1	11.5	9.2	9.7	9.9
1988-89	15.8	13.1	8.0	8.4	5.1	8.9	9.5	6.9	9.5
1989-90	18.0	14.5	4.3	9.7	5.1	10.1	10.5	7.2	9.9
1990-91	15.5	18.5	7.9	9.5	10.3	8.8	9.6	5.5	10.7
No particular species									
1987-88	42.8	33.6	23.8	27.1	26.5	31.2	30.2	30.6	30.9
1988-89	43.4	47.7	30.2	36.6	23.8	33.9	26.2	30.2	33.8
1989-90	43.1	37.7	32.7	35.2	32.2	32.5	25.0	29.7	33.2
1990-91	46.0	37.5	43.1	34.8	38.4	40.2	38.6	33.1	39.0
Number of responses									
1987-88	633	521	534	639	529	573	633	784	4,846
1988-89	701	405	513	536	470	531	602	759	4,517
1989-90	540	435	370	432	565	526	572	653	4,093
1990-91	600	368	341	440	497	513	311	559	3,629

^a Private and party boats combined, but mostly private boats.

^b Bays and passes, TTS, and EEZ combined, but mostly bays and passes.

^c Paralichthys sp.

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APPENDIX B: Private-boat Fishing Estimates for Texas Bays and Passes

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Table B.1. Number of days surveyed, number of private-boat interviews, and number of private-boat anglers interviewed in Texas bays and passes by bay system and year (1974-2003).

Item Year	Bay system								
	Sabine Lake ^a	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre	Coastwide
Number of days surveyed									
1974-76		34	25	65	35	28	41	27	255
1976-77	0	44	34	21	22	31	23	32	207
1977-78	0	65	31	32	33	31	31	32	255
1978-79	0	64	32	33	32	32	33	32	258
1979-80	0	55	42	65	42	48	41	43	336
1980-81	0	65	63	74	66	63	65	64	460
1981-82	0	124	124	114	124	123	124	114	847
1982-83	0	133	124	118	124	124	124	114	861
1983-84	0	131	132	108	133	133	133	133	903
1984-85	0	133	133	108	133	133	133	133	906
1985-86	0	133	133	108	133	133	133	133	906
1986-87	0	133	133	108	133	133	133	133	906
1987-88	108	133	133	108	133	133	133	133	1014
1988-89	108	132	130	105	130	130	131	131	997
1989-90	108	131	132	108	133	133	133	133	1011
1990-91	108	133	133	108	133	133	133	133	1014
1991-92	108	133	133	108	133	133	133	133	1014
1992-93	108	133	133	108	133	133	133	133	1014
1993-94	108	133	132	107	133	131	131	132	1007
1994-95	108	133	133	108	133	133	133	133	1014
1995-96	108	133	133	108	133	133	133	132	1013
1996-97	108	133	133	108	133	133	133	133	1014
1997-98	108	133	133	108	133	133	133	133	1014
1998-99	108	130	132	106	130	130	130	133	999
1999-2000	108	133	133	108	131	131	131	131	1006
2000-01	108	133	133	108	133	133	133	133	1014
2001-02	108	133	133	108	133	133	133	133	1014
2002-03	107	132	132	108	133	133	133	133	1011
Number of interviews ^b									
1974-76									
1976-77									
1977-78									
1978-79									
1979-80									
1980-81									
1981-82									
1982-83									
1983-84		848	555	852	431	761	1323	1460	6230
1984-85		1139	521	544	372	569	393	1239	4777
1985-86		953	515	583	609	695	1103	1282	5740
1986-87		1062	569	644	575	717	1252	1465	6284
1987-88	994	1130	544	842	686	761	1413	1425	7795

Table B.1. (Cont'd.)

Item Year	Bay system								Coastwide
	Sabine Lake ^a	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre	
Number of interviews ^b (Cont'd.)									
1988-89	1152	936	523	753	812	662	1414	1304	7556
1989-90	755	935	517	551	692	774	1267	1052	6543
1990-91	882	854	477	403	543	665	426	921	5171
1991-92	1047	966	617	526	721	776	983	810	6446
1992-93	1123	1264	722	852	1370	1244	1123	1241	8939
1993-94	1109	1279	901	1086	1586	1249	1116	1409	9735
1994-95	1245	1336	1215	1281	1615	1440	1268	1325	10725
1995-96	831	1254	1235	893	1462	1317	1335	1136	9463
1996-97	920	1501	1241	944	1221	1124	1187	1106	9244
1997-98	1038	1374	1258	1112	1438	1242	1531	1142	10135
1998-99	866	1293	1676	1215	1605	1372	1521	1029	10577
1999-2000	857	1411	1671	1323	1744	1326	1921	1384	11637
2000-01	969	1282	1413	1222	1518	1353	1616	1308	10681
2001-02	812	1416	1210	1458	1583	1200	1354	1384	10417
2002-03	772	1295	1358	1073	1527	1095	1296	1377	9793
Number of anglers interviewed									
1974-76		1357	264	2044	570	444	918	529	6126
1976-77		776	373	528	474	797	437	1105	4490
1977-78		1771	702	1261	659	652	622	1307	6974
1978-79		2349	702	1410	544	683	934	1011	7633
1979-80		1149	734	1914	451	1078	1024	1230	7580
1980-81		1638	747	1791	683	1401	1637	1388	9285
1981-82		1810	1120	2012	1386	2807	2300	2823	14258
1982-83		2727	1275	2342	1087	2445	3238	4079	17193
1983-84		2056	1387	2115	1167	1939	3406	3574	15644
1984-85		2907	1357	1367	886	1392	1049	3150	12108
1985-86		2394	1287	1438	1524	1676	2871	3176	14366
1986-87		2701	1445	1543	1328	1694	3078	3556	15345
1987-88	2189	2770	1360	2008	1690	1816	3479	3411	18723
1988-89	2524	2224	1292	1844	1969	1575	3390	3137	17955
1989-90	1591	2248	1275	1324	1669	1807	3078	2545	15537
1990-91	1942	2006	1172	1008	1324	1567	1003	2202	12224
1991-92	2307	2205	1477	1245	1600	1811	2316	2000	14961
1992-93	2490	2979	1801	2089	3057	2855	2700	3075	21046
1993-94	2334	3036	2171	2621	3769	2891	2691	3486	22999
1994-95	2623	3117	2904	3114	3790	3369	3073	3349	25339
1995-96	1775	2926	2916	2229	3500	3135	3235	2885	22601
1996-97	1965	3554	3054	2330	2924	2632	2834	2788	22081
1997-98	2219	3244	2956	2731	3446	2919	3653	2898	24066

Table B.1. (Cont'd.)

Item Year	Bay system								Coastwide
	Sabine Lake ^a	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre	
Number of anglers interviewed (Cont'd.)									
1998-99	1791	2975	3933	3039	3821	3260	3613	2556	24988
1999-2000	1804	3225	4005	3322	4241	3183	4638	3428	27846
2000-01	2124	2990	3431	3036	3732	3320	3925	3443	26001
2001-02	1783	3252	2976	3753	3942	2912	3238	3543	25399
2002-03	1704	3037	3360	2738	3767	2638	3179	3433	23856

^a Data collected during 1974-76 are not available in comparable format; see Breuer et al. (1977) and Heffernan and Green (1977) for information on these data.

^b Not available for 1974-76 through 1982-83.

Table B.2. Estimated annual fishing pressure (man-h x 1,000) ± 1 SE, mean fishing-party size (no. of anglers), and mean trip length (h) for private-boat anglers in Texas bays and passes by bay system and year (1974-2003). Blanks indicate no interviews conducted.

Item Year	Bay system								
	Sabine Lake ^a	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre	Coastwide
Pressure ^b									
1974-76		2865.6 ± 719.4	630.8 ± 177.4	323.9 ± 45.7	533.3 ± 102.2	266.7 ± 53.3	727.1 ± 153.6	840.1 ± 179.0	6187.5 ± 516.9
1976-77		1031.8	364.3	298.8	402.2	211.8	428.0	678.6	3415.7
1977-78		2176.8	515.8	306.2	332.2	202.8	364.5	587.4	4486.0
1978-79		1972.0	602.3	286.0	317.3	314.1	362.8	528.8	4383.2
1979-80		2002.0 ± 695.8	401.4 ± 134.2	228.8 ± 30.2	180.6 ± 33.1	454.5 ± 224.1	476.0 ± 57.4	403.5 ± 81.2	4146.8 ± 751.1
1980-81		2159.9 ± 387.2	637.2 ± 180.1	229.4 ± 47.0	252.3 ± 38.8	739.4 ± 231.8	841.9 ± 145.1	384.9 ± 64.1	5245.0 ± 514.7
1981-82		1884.1 ± 262.7	498.2 ± 52.7	185.3 ± 18.2	432.3 ± 46.1	352.2 ± 34.3	855.7 ± 146.2	342.8 ± 26.9	4550.5 ± 312.3
1982-83		1664.5 ± 159.3	393.0 ± 41.9	283.7 ± 28.9	439.0 ± 56.8	451.8 ± 59.7	786.8 ± 77.6	561.6 ± 39.2	4580.4 ± 205.7
1983-84		1572.7 ± 212.7	412.2 ± 40.4	195.6 ± 17.7	405.5 ± 50.8	409.8 ± 55.0	375.6 ± 30.6	485.5 ± 35.1	3856.9 ± 234.4
1984-85		1755.3 ± 204.5	401.4 ± 46.0	101.9 ± 9.3	252.1 ± 30.7	286.2 ± 39.2	174.3 ± 33.7	525.0 ± 57.1	3496.1 ± 225.6
1985-86		1695.3 ± 210.5	410.0 ± 62.9	132.6 ± 16.0	433.6 ± 41.8	379.3 ± 50.9	403.6 ± 50.2	937.8 ± 197.9	4392.2 ± 307.5
1986-87		1862.6 ± 204.7	490.3 ± 72.7	168.6 ± 21.2	374.4 ± 45.1	320.7 ± 36.9	436.4 ± 46.3	730.8 ± 71.7	4383.7 ± 241.5
1987-88	405.9 ± 53.5	1985.6 ± 186.8	552.4 ± 73.9	317.3 ± 44.7	565.9 ± 56.3	527.1 ± 79.6	510.6 ± 46.7	744.4 ± 72.1	5609.3 ± 249.2
1988-89	429.6 ± 40.5	1780.8 ± 162.0	452.7 ± 52.2	215.7 ± 23.5	506.1 ± 49.5	419.9 ± 48.2	440.3 ± 36.3	617.8 ± 48.6	4863.0 ± 199.0
1989-90	334.9 ± 44.1	1673.1 ± 155.0	482.2 ± 51.4	202.3 ± 22.2	436.4 ± 73.1	382.3 ± 49.3	414.3 ± 49.2	548.6 ± 43.9	4474.1 ± 203.0
1990-91	396.3 ± 43.0	1509.6 ± 184.5	373.1 ± 44.2	153.2 ± 18.0	399.5 ± 61.2	551.7 ± 81.4	164.8 ± 27.9	421.6 ± 36.1	3969.7 ± 225.0
1991-92	443.3 ± 56.1	1608.8 ± 146.4	480.8 ± 63.1	190.0 ± 31.1	417.3 ± 59.0	476.2 ± 70.8	289.3 ± 30.9	458.8 ± 52.6	4364.4 ± 204.3
1992-93	427.0 ± 38.4	2103.8 ± 227.2	433.3 ± 46.3	232.5 ± 23.7	542.3 ± 44.3	500.6 ± 38.7	356.3 ± 47.9	565.2 ± 54.2	5161.0 ± 254.0
1993-94	438.5 ± 41.6	1950.5 ± 188.2	552.5 ± 62.8	327.8 ± 31.9	707.2 ± 55.9	483.3 ± 41.7	348.4 ± 47.4	588.1 ± 46.2	5396.3 ± 226.6
1994-95	510.0 ± 47.3	1964.4 ± 168.5	592.9 ± 50.7	358.8 ± 25.0	687.1 ± 47.2	566.4 ± 36.0	365.6 ± 32.1	603.7 ± 50.2	5648.8 ± 202.2
1995-96	349.1 ± 38.4	1859.5 ± 165.0	647.2 ± 61.7	321.3 ± 29.5	668.4 ± 58.0	546.5 ± 43.4	344.8 ± 35.8	506.1 ± 54.1	5242.9 ± 206.9
1996-97	450.3 ± 53.8	2010.7 ± 160.8	597.4 ± 72.9	351.7 ± 32.8	543.3 ± 46.5	424.9 ± 44.7	297.2 ± 26.5	487.1 ± 51.9	5162.6 ± 206.6
1997-98	496.4 ± 52.8	1659.8 ± 137.6	493.4 ± 46.2	442.5 ± 44.0	652.4 ± 52.1	425.6 ± 35.3	365.5 ± 31.6	531.1 ± 44.2	5066.6 ± 180.9
1998-99	449.5 ± 44.4	1796.2 ± 185.2	681.6 ± 60.8	445.0 ± 38.6	722.5 ± 67.1	499.0 ± 42.8	408.6 ± 40.1	487.7 ± 64.4	5490.1 ± 231.4
1999-2000	452.9 ± 39.7	2315.5 ± 256.7	708.3 ± 62.9	536.5 ± 54.4	824.1 ± 64.5	515.5 ± 34.8	477.9 ± 34.1	617.3 ± 59.4	6447.9 ± 290.7
2000-01	532.7 ± 60.5	1577.9 ± 157.7	588.6 ± 57.3	462.5 ± 42.7	679.2 ± 63.1	504.2 ± 40.7	419.7 ± 33.3	563.8 ± 46.5	5328.5 ± 206.3
2001-02	433.3 ± 51.8	1750.8 ± 159.0	558.1 ± 62.7	532.8 ± 46.3	655.7 ± 66.4	421.2 ± 38.3	356.7 ± 35.6	587.6 ± 51.0	5296.1 ± 209.2
2002-03	389.1 ± 44.4	1626.4 ± 187.0	590.2 ± 56.5	400.9 ± 36.0	655.6 ± 55.0	478.9 ± 63.9	362.8 ± 33.5	613.9 ± 58.0	5117.9 ± 230.3
Mean fishing party size									
1974-76		2.5	2.4	2.5	2.7	2.4	2.5	2.6	2.5
1976-77		2.5	2.8	2.6	2.7	2.7	2.6	2.5	2.6
1977-78		2.6	2.7	2.7	2.7	2.5	2.6	2.6	2.6
1978-79		2.6	3.0	2.8	2.8	2.6	2.7	2.6	2.7
1979-80		2.7	2.8	2.7	2.7	2.7	2.6	2.6	2.7
1980-81		2.4	2.6	2.7	2.4	2.5	2.7	2.6	2.6
1981-82		2.4	2.5	2.5	2.5	2.4	2.7	2.6	2.5
1982-83		2.6	2.6	2.6	2.5	2.5	2.6	2.5	2.6
1983-84		2.4	2.5	2.5	2.7	2.5	2.6	2.4	2.5
1984-85		2.6	2.6	2.5	2.4	2.4	2.7	2.5	2.5
1985-86		2.5	2.5	2.5	2.5	2.4	2.6	2.5	2.5

Table B.2. (Cont'd.)

Item	Bay system								
	Sabine Lake ^a	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre	Coastwide
Mean fishing party size (Cont'd.)									
1986-87		2.5	2.5	2.4	2.3	2.4	2.5	2.4	2.4
1987-88	2.2	2.5	2.5	2.4	2.5	2.4	2.5	2.4	2.4
1988-89	2.2	2.4	2.5	2.4	2.4	2.4	2.4	2.4	2.4
1989-90	2.1	2.4	2.5	2.4	2.4	2.3	2.4	2.4	2.4
1990-91	2.2	2.3	2.5	2.5	2.4	2.4	2.4	2.4	2.4
1991-92	2.2	2.3	2.4	2.4	2.2	2.3	2.4	2.5	2.3
1992-93	2.2	2.4	2.5	2.5	2.2	2.3	2.4	2.5	2.4
1993-94	2.1	2.4	2.4	2.4	2.4	2.3	2.4	2.5	2.4
1994-95	2.1	2.3	2.4	2.4	2.3	2.3	2.4	2.5	2.4
1995-96	2.1	2.3	2.4	2.5	2.4	2.4	2.4	2.5	2.4
1996-97	2.1	2.4	2.5	2.5	2.4	2.3	2.4	2.5	2.4
1997-98	2.1	2.4	2.4	2.5	2.4	2.4	2.4	2.5	2.4
1998-99	2.1	2.3	2.3	2.5	2.4	2.4	2.4	2.5	2.4
1999-2000	2.1	2.3	2.4	2.5	2.4	2.4	2.4	2.5	2.4
2000-01	2.2	2.3	2.4	2.5	2.5	2.5	2.4	2.6	2.4
2001-02	2.2	2.3	2.5	2.6	2.5	2.4	2.4	2.6	2.4
2002-03	2.2	2.3	2.5	2.6	2.4	2.4	2.5	2.5	2.4
Mean trip length									
1974-76		4.8	5.5	5.3	4.1	3.8	7.1	5.8	5.3
1976-77		4.7	4.6	5.9	5.4	4.3	8.2	5.4	5.4
1977-78		5.5	6.3	6.5	6.2	5.3	7.6	7.6	6.4
1978-79		6.1	6.9	6.9	5.5	4.8	7.7	6.6	6.5
1979-80		6.0	6.8	6.2	6.2	4.4	6.7	5.4	6.0
1980-81		5.9	7.9	7.6	4.9	4.5	12.3	6.0	7.1
1981-82		6.7	6.0	7.0	5.2	4.5	11.1	5.8	6.5
1982-83		5.7	6.9	7.8	5.4	4.7	10.1	6.4	6.7
1983-84		5.6	5.3	5.4	4.7	4.4	5.5	5.4	5.3
1984-85		5.5	5.2	4.9	4.4	4.3	4.6	5.1	5.0
1985-86		5.2	5.2	5.0	4.9	4.5	5.4	5.2	5.1
1986-87		5.3	5.2	5.4	4.5	4.7	5.4	5.5	5.2
1987-88	4.9	5.8	5.6	5.8	5.2	4.9	5.9	5.8	5.5
1988-89	5.0	5.6	5.5	5.6	5.2	4.9	6.1	5.8	5.5
1989-90	4.7	5.5	5.4	5.7	4.9	4.8	5.9	5.4	5.3
1990-91	4.9	5.4	5.3	5.7	5.0	4.9	5.1	5.3	5.2
1991-92	4.9	5.2	5.9	5.6	5.0	4.9	5.6	5.1	5.2
1992-93	4.6	5.5	5.6	5.8	4.9	4.9	6.1	5.3	5.3
1993-94	4.9	5.6	5.8	6.0	5.1	4.8	5.9	5.4	5.4
1994-95	5.0	5.6	5.9	6.0	5.0	5.0	5.9	5.4	5.4
1995-96	5.0	5.7	5.9	5.9	5.1	5.0	6.2	5.2	5.5
1996-97	5.0	5.5	6.0	5.9	5.2	4.7	6.1	5.2	5.5
1997-98	5.1	5.6	6.0	6.2	5.2	4.8	6.1	5.3	5.6

Table B.2. (Cont'd.)

Item Year	Bay system								Coastwide
	Sabine Lake ^a	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre	
Mean trip length (Cont'd).									
1998-99	5.0	5.8	6.1	6.1	5.2	4.9	5.9	5.2	5.5
1999-2000	5.0	5.6	6.2	6.2	5.3	4.9	6.1	5.6	5.7
2000-01	5.0	5.6	6.1	6.1	5.2	5.0	6.2	5.5	5.6
2001-02	5.1	5.7	5.9	6.1	5.3	4.8	6.1	5.5	5.6
2002-03	5.1	5.7	6.1	6.1	5.3	5.0	6.1	5.6	5.7

^a Data collected during 1974-76 are not available in comparable format; see Breuer et al. (1977) and Heffernan and Green (1977) for information on these data.

^b Due to rounding of numbers, coastwide totals may not exactly equal sum of bay system totals.

Table B.3. Estimated annual landings of fishes (no. x 1,000) ± 1 SE caught by private-boat anglers in Texas bays and passes by bay system, species, and year (1974-2003). Blanks indicate no interviews conducted.

Species Year	Bay system									Coastwide ^b
	Sabine Lake ^a	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre		
Atlantic croaker										
1974-76		699.1 ± 308.9	19.7 ± 9.5	6.0 ± 2.1	3.8 ± 2.2	12.5 ± 5.5	152.4 ± 86.5	11.9 ± 5.8		905.4 ± 220.2
1976-77		536.0	26.6	1.2	6.4	21.2	33.9	17.5		642.8
1977-78		875.2	24.1	1.0	4.1	16.2	34.9	11.3		966.8
1978-79		481.8	25.0	2.8	1.2	16.8	67.8	9.0		604.4
1979-80		250.5 ± 89.9	8.3 ± 3.1	2.0 ± 1.0	1.5 ± 0.8	11.8 ± 4.5	106.8 ± 57.6	2.3 ± 0.6		383.2 ± 106.9
1980-81		372.2 ± 197.9	48.3 ± 24.2	1.6 ± 0.7	1.5 ± 0.5	149.1 ± 118.3	30.6 ± 8.1	7.4 ± 3.0		610.7 ± 232.0
1981-82		192.8 ± 48.1	6.6 ± 2.2	0.6 ± 0.3	1.3 ± 0.5	41.9 ± 22.1	29.3 ± 8.7	3.0 ± 0.7		275.6 ± 53.8
1982-83		179.5 ± 32.4	7.8 ± 2.2	1.2 ± 0.4	6.9 ± 3.9	20.2 ± 5.6	25.6 ± 13.5	8.0 ± 1.6		249.2 ± 35.8
1983-84		184.9 ± 46.1	9.1 ± 3.1	1.5 ± 0.6	14.0 ± 6.0	72.1 ± 30.7	22.7 ± 4.5	6.0 ± 1.1		310.4 ± 56.0
1984-85		197.4 ± 37.5	6.5 ± 2.0	0.4 ± 0.2	2.5 ± 1.8	8.1 ± 2.9	2.3 ± 0.7	4.4 ± 1.4		221.5 ± 37.8
1985-86		354.7 ± 159.2	8.4 ± 2.6	0.1 ± <.1	1.5 ± 0.8	13.0 ± 7.0	12.9 ± 2.6	77.8 ± 71.5		468.2 ± 174.7
1986-87		242.1 ± 67.4	5.2 ± 2.7	0.1 ± <.1	1.1 ± 0.7	7.7 ± 2.4	11.5 ± 3.0	5.7 ± 1.3		273.4 ± 67.6
1987-88	92.8 ± 23.8	219.3 ± 41.2	7.3 ± 2.0	0.8 ± 0.3	6.4 ± 3.0	44.6 ± 17.6	12.5 ± 2.9	3.2 ± 0.9		386.7 ± 51.0
1988-89	79.2 ± 11.9	150.6 ± 42.0	10.9 ± 3.5	0.7 ± 0.3	15.3 ± 14.6	14.1 ± 8.3	6.0 ± 1.3	4.5 ± 1.3		281.3 ± 47.0
1989-90	65.8 ± 16.6	92.9 ± 18.1	1.5 ± 0.7	1.9 ± 1.8	0.1 ± 0.1	4.6 ± 3.3	6.6 ± 2.1	2.0 ± 0.7		175.4 ± 25.0
1990-91	61.0 ± 15.3	60.1 ± 16.1	4.2 ± 1.2	0.1 ± 0.1	0.6 ± 0.3	1.4 ± 0.6	2.4 ± 1.4	1.2 ± 0.5		130.9 ± 22.3
1991-92	50.2 ± 8.9	161.1 ± 38.5	4.1 ± 1.6	0.5 ± 0.2	1.2 ± 1.0	10.5 ± 5.9	4.1 ± 1.1	4.2 ± 2.5		235.9 ± 40.1
1992-93	70.1 ± 15.5	154.2 ± 30.7	7.3 ± 2.1	0.3 ± 0.1	2.3 ± 1.3	5.8 ± 1.9	6.5 ± 2.6	1.7 ± 0.6		248.1 ± 34.7
1993-94	76.6 ± 17.1	197.5 ± 42.1	15.4 ± 4.4	0.3 ± 0.2	0.6 ± 0.3	4.5 ± 1.3	5.2 ± 1.6	2.4 ± 0.7		302.4 ± 45.7
1994-95	70.6 ± 14.1	146.6 ± 47.1	7.2 ± 1.7	0.5 ± 0.3	3.2 ± 2.5	2.9 ± 0.8	1.8 ± 0.4	5.6 ± 2.6		238.2 ± 49.3
1995-96	55.2 ± 17.2	139.1 ± 36.2	6.4 ± 1.4	1.9 ± 1.1	0.3 ± 0.2	5.4 ± 1.9	3.2 ± 1.2	1.3 ± 0.6		212.9 ± 40.2
1996-97	85.9 ± 19.8	193.9 ± 38.5	6.2 ± 1.8	0.7 ± 0.4	0.4 ± 0.2	4.7 ± 1.6	2.9 ± 0.8	1.3 ± 0.6		295.9 ± 43.4
1997-98	92.6 ± 28.7	137.2 ± 30.8	11.2 ± 3.3	0.2 ± 0.1	0.1 ± <.1	3.0 ± 1.3	2.3 ± 0.5	1.3 ± 0.6		247.8 ± 42.2
1998-99	51.7 ± 16.0	197.6 ± 51.2	8.5 ± 2.5	0.5 ± 0.3	0.4 ± 0.2	4.0 ± 1.1	3.3 ± 1.2	0.6 ± 0.2		266.5 ± 53.7
1999-2000	27.1 ± 7.1	90.8 ± 17.2	11.5 ± 4.3	<.1 ± <.1	0.7 ± 0.4	4.5 ± 1.1	1.8 ± 0.5	0.4 ± 0.2		136.8 ± 19.1
2000-01	49.9 ± 10.3	148.3 ± 31.1	10.0 ± 2.9	1.2 ± 0.6	<.1 ± <.1	0.8 ± 0.5	0.8 ± 0.2	0.5 ± 0.2		211.5 ± 32.9
2001-02	61.3 ± 14.4	148.3 ± 35.2	4.5 ± 2.1	0.4 ± 0.3	4.1 ± 3.9	1.7 ± 0.7	0.4 ± 0.1	0.2 ± 0.1		220.9 ± 38.3
2002-03	29.0 ± 6.5	54.2 ± 12.9	7.3 ± 1.9	0.4 ± 0.2	0.6 ± 0.4	1.4 ± 0.6	0.4 ± 0.2	1.1 ± 0.5		94.5 ± 14.6
Black drum										
1974-76		35.2 ± 11.4	20.5 ± 12.2	2.9 ± 0.9	18.2 ± 14.7	13.9 ± 5.4	12.5 ± 6.2	25.1 ± 13.5		128.3 ± 14.7
1976-77		67.0	15.6	37.0	7.2	5.9	16.3	9.9		159.0
1977-78		111.9	26.2	8.1	5.2	5.6	8.3	12.8		178.1
1978-79		94.8	20.4	5.6	1.8	2.8	6.2	18.0		149.6
1979-80		37.2 ± 10.1	13.4 ± 6.3	2.0 ± 0.7	9.8 ± 5.8	3.6 ± 1.4	7.1 ± 5.7	4.3 ± 1.8		77.4 ± 14.6
1980-81		87.1 ± 31.7	44.7 ± 15.5	2.5 ± 0.8	1.7 ± 0.8	8.3 ± 2.7	7.0 ± 2.5	6.4 ± 2.6		157.7 ± 35.6
1981-82		59.9 ± 20.7	24.8 ± 4.9	9.0 ± 4.4	15.6 ± 5.0	8.6 ± 3.0	9.2 ± 3.7	5.5 ± 1.7		132.6 ± 22.9
1982-83		105.8 ± 37.5	24.6 ± 5.7	4.2 ± 1.3	8.2 ± 3.0	11.5 ± 2.9	9.0 ± 2.1	7.9 ± 1.7		171.2 ± 38.3
1983-84		40.4 ± 12.6	17.0 ± 4.0	2.7 ± 0.7	11.4 ± 4.0	7.9 ± 2.3	1.3 ± 0.3	8.0 ± 3.0		88.8 ± 14.3
1984-85		28.7 ± 6.1	11.4 ± 2.9	1.4 ± 0.6	2.5 ± 2.4	2.3 ± 0.8	0.7 ± 0.5	4.7 ± 2.2		51.8 ± 7.6

Table B.3. (Cont'd.)

Species Year	Bay system									
	Sabine Lake ^a	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre	Coastwide ^b	
Black drum (Cont'd.)										
1985-86		39.1 ± 12.9	6.9 ± 3.2	0.8 ± 0.6	1.4 ± 0.8	11.0 ± 6.6	4.6 ± 2.0	4.7 ± 1.6	68.4 ± 15.1	
1986-87		19.2 ± 5.2	12.2 ± 3.3	0.9 ± 0.4	2.3 ± 1.0	1.0 ± 0.3	2.2 ± 1.1	6.2 ± 2.7	44.0 ± 6.9	
1987-88	10.6 ± 3.3	35.7 ± 11.3	7.1 ± 1.8	5.3 ± 3.0	2.7 ± 1.6	2.1 ± 0.7	3.4 ± 1.1	3.8 ± 1.6	70.9 ± 12.5	
1988-89	4.6 ± 1.0	18.1 ± 3.3	4.3 ± 1.5	1.3 ± 0.6	2.4 ± 0.7	4.8 ± 1.7	8.2 ± 4.3	7.1 ± 2.7	50.7 ± 6.6	
1989-90	7.7 ± 3.2	27.7 ± 6.8	7.5 ± 2.8	3.6 ± 1.3	3.0 ± 1.0	5.9 ± 1.9	4.8 ± 1.4	3.9 ± 1.4	64.1 ± 8.6	
1990-91	8.0 ± 2.1	16.6 ± 3.8	4.2 ± 1.4	4.8 ± 4.5	9.4 ± 6.6	11.1 ± 5.0	1.9 ± 1.1	2.8 ± 0.8	58.8 ± 10.6	
1991-92	8.7 ± 2.1	21.8 ± 4.4	3.4 ± 1.1	1.7 ± 1.0	2.7 ± 0.7	4.1 ± 1.3	6.6 ± 2.0	2.5 ± 0.7	51.5 ± 5.7	
1992-93	6.8 ± 1.6	19.1 ± 4.7	2.2 ± 0.5	2.9 ± 0.8	6.7 ± 1.6	11.8 ± 2.7	7.1 ± 2.1	3.6 ± 0.8	60.1 ± 6.3	
1993-94	9.9 ± 1.9	13.7 ± 3.1	4.3 ± 1.9	2.7 ± 0.7	11.6 ± 2.4	11.1 ± 2.4	18.5 ± 4.5	9.0 ± 1.7	80.8 ± 7.2	
1994-95	8.7 ± 1.8	13.4 ± 2.4	8.1 ± 3.9	2.1 ± 0.9	9.1 ± 2.0	16.9 ± 3.1	20.2 ± 2.7	17.0 ± 4.5	95.5 ± 8.2	
1995-96	6.7 ± 1.8	14.8 ± 3.4	4.4 ± 1.0	4.1 ± 1.4	9.6 ± 2.1	10.4 ± 1.9	11.5 ± 2.3	9.8 ± 3.3	71.4 ± 6.5	
1996-97	14.5 ± 4.5	20.6 ± 7.5	8.1 ± 2.5	2.7 ± 0.6	6.7 ± 1.7	6.6 ± 1.2	18.5 ± 6.6	5.0 ± 1.8	82.5 ± 11.6	
1997-98	11.5 ± 2.4	16.7 ± 3.5	3.7 ± 0.9	4.7 ± 1.8	7.3 ± 1.5	8.0 ± 4.0	9.9 ± 3.5	1.7 ± 0.6	63.4 ± 7.2	
1998-99	11.1 ± 2.9	10.6 ± 2.7	3.6 ± 1.1	1.9 ± 0.4	7.5 ± 2.2	4.0 ± 1.0	6.3 ± 1.4	0.8 ± 0.4	45.8 ± 5.0	
1999-2000	9.5 ± 2.6	18.0 ± 6.6	4.6 ± 2.0	6.1 ± 2.3	6.9 ± 2.4	2.9 ± 0.7	10.1 ± 2.4	2.3 ± 0.7	60.5 ± 8.5	
2000-01	26.0 ± 6.2	13.5 ± 2.9	4.2 ± 0.9	5.4 ± 1.4	8.3 ± 2.7	4.5 ± 1.2	8.3 ± 2.3	1.2 ± 0.5	71.4 ± 8.0	
2001-02	14.2 ± 3.1	35.6 ± 10.6	7.0 ± 1.9	5.8 ± 1.0	12.2 ± 2.1	3.4 ± 0.7	7.2 ± 1.3	2.4 ± 0.9	87.7 ± 11.6	
2002-03	13.1 ± 3.4	15.0 ± 3.8	5.4 ± 2.5	4.7 ± 1.5	12.3 ± 4.5	4.1 ± 1.1	4.6 ± 1.4	3.9 ± 1.6	63.0 ± 7.8	
Gafftopsail catfish										
1974-76		42.8 ± 30.1	17.6 ± 10.3	4.2 ± 1.5	12.7 ± 8.4	3.3 ± 3.0	0.0	0.0	80.6 ± 21.7	
1976-77		17.6	43.0	6.2	3.8	6.9	0.0	<.1	77.6	
1977-78		7.2	32.3	6.3	2.2	1.4	0.0	0.0	49.4	
1978-79		31.0	28.0	3.8	5.8	6.9	<.1	0.4	76.0	
1979-80		3.1 ± 2.0	1.4 ± 0.7	1.1 ± 0.4	0.1 ± 0.1	4.1 ± 2.7	0.2 ± 0.2	0.0	10.2 ± 3.4	
1980-81		14.5 ± 8.6	1.5 ± 0.8	0.6 ± 0.3	0.6 ± 0.3	1.9 ± 0.9	<.1 ± <.1	0.1 ± 0.1	19.1 ± 8.7	
1981-82		4.2 ± 2.1	7.0 ± 3.0	0.9 ± 0.5	3.3 ± 1.8	16.5 ± 14.1	0.3 ± 0.2	<.1 ± <.1	32.2 ± 14.7	
1982-83		5.2 ± 2.4	3.8 ± 1.2	3.1 ± 0.9	1.8 ± 0.7	6.9 ± 2.2	<.1 ± <.1	0.1 ± 0.1	21.0 ± 3.7	
1983-84		2.4 ± 1.0	3.3 ± 1.3	1.0 ± 0.5	2.0 ± 0.9	8.6 ± 4.0	0.1 ± 0.1	0.3 ± 0.2	17.6 ± 4.5	
1984-85		1.3 ± 0.4	4.3 ± 1.3	1.3 ± 0.7	2.1 ± 1.6	1.1 ± 0.4	0.0	0.1 ± 0.1	10.1 ± 2.2	
1985-86		6.1 ± 3.3	5.8 ± 3.0	0.3 ± 0.1	0.7 ± 0.4	1.9 ± 0.6	0.1 ± 0.1	0.0	14.9 ± 4.5	
1986-87		7.5 ± 4.1	7.2 ± 2.9	1.2 ± 0.7	0.3 ± 0.2	1.2 ± 0.5	0.0	0.2 ± 0.1	17.5 ± 5.1	
1987-88	2.0 ± 0.8	6.8 ± 4.4	5.7 ± 3.2	1.3 ± 0.8	0.7 ± 0.5	1.4 ± 0.6	0.0	0.3 ± 0.3	18.2 ± 5.6	
1988-89	3.4 ± 1.0	5.1 ± 2.6	4.0 ± 1.4	1.2 ± 0.6	0.1 ± <.1	1.2 ± 0.8	0.0	<.1 ± <.1	14.9 ± 3.2	
1989-90	0.6 ± 0.4	2.4 ± 1.0	8.6 ± 4.7	0.7 ± 0.3	0.2 ± 0.2	1.7 ± 1.3	0.0	0.0	14.2 ± 5.0	
1990-91	1.5 ± 0.5	2.5 ± 1.2	4.3 ± 2.0	0.9 ± 0.3	1.6 ± 1.2	3.3 ± 1.5	0.1 ± 0.1	<.1 ± <.1	14.2 ± 3.1	
1991-92	2.8 ± 1.2	3.1 ± 1.3	4.9 ± 1.9	0.2 ± 0.1	0.2 ± 0.1	1.5 ± 1.0	0.2 ± 0.2	0.1 ± <.1	13.0 ± 2.8	
1992-93	0.8 ± 0.4	2.1 ± 0.8	7.0 ± 4.2	1.8 ± 1.5	1.3 ± 0.9	0.4 ± 0.2	0.0	<.1 ± <.1	13.5 ± 4.6	
1993-94	1.3 ± 0.4	4.1 ± 1.7	3.1 ± 1.2	1.2 ± 0.4	0.6 ± 0.2	0.6 ± 0.5	0.0	<.1 ± <.1	10.9 ± 2.3	
1994-95	1.4 ± 0.4	4.1 ± 2.0	8.8 ± 3.1	1.0 ± 0.3	0.6 ± 0.2	1.5 ± 0.7	<.1 ± <.1	0.2 ± 0.2	17.6 ± 3.8	
1995-96	2.0 ± 0.7	2.3 ± 1.1	11.0 ± 7.3	1.0 ± 0.4	1.0 ± 0.3	1.0 ± 0.3	0.0	0.1 ± 0.1	18.4 ± 7.5	
1996-97	1.5 ± 0.8	2.5 ± 0.8	4.0 ± 1.4	1.5 ± 0.6	0.2 ± 0.1	0.6 ± 0.3	0.0	<.1 ± <.1	10.3 ± 1.9	

Table B.3. (Cont'd.)

Species Year	Bay system									
	Sabine Lake ^a	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre	Coastwide ^b	
Gafftopsail catfish (Cont'd.)										
1997-98	1.3 ± 0.6	1.7 ± 0.6	1.5 ± 0.8	2.6 ± 1.1	1.4 ± 0.6	0.8 ± 0.4	<1 ± <1	<1 ± <1	9.3 ± 1.8	
1998-99	2.3 ± 1.4	5.2 ± 2.0	8.8 ± 5.1	2.2 ± 0.7	1.1 ± 0.5	1.8 ± 0.7	0.1 ± 0.1	0.1 ± 0.1	21.7 ± 5.8	
1999-2000	2.1 ± 0.8	7.1 ± 2.8	4.2 ± 1.3	1.6 ± 0.5	0.5 ± 0.2	2.2 ± 0.7	<1 ± <1	0.1 ± 0.1	17.8 ± 3.3	
2000-01	3.0 ± 1.6	12.8 ± 5.3	16.0 ± 7.7	1.0 ± 0.5	1.1 ± 0.4	3.7 ± 1.4	<1 ± <1	0.0	37.7 ± 9.6	
2001-02	2.8 ± 0.9	5.8 ± 2.8	4.7 ± 1.9	4.0 ± 1.4	0.9 ± 0.6	3.6 ± 1.3	<1 ± <1	<1 ± <1	21.8 ± 4.0	
2002-03	1.0 ± 0.4	9.4 ± 3.7	17.2 ± 10.9	4.6 ± 2.5	2.8 ± 1.7	2.9 ± 1.2	0.3 ± 0.3	0.1 ± <1	38.1 ± 12.0	
Red drum										
1974-76		120.0 ± 68.3	37.9 ± 13.0	38.7 ± 7.7	23.1 ± 6.6	17.0 ± 7.6	20.5 ± 4.7	50.3 ± 17.8	307.5 ± 148.0	
1976-77		22.8	17.9	29.7	17.6	11.8	9.0	22.2	131.1	
1977-78		69.2	11.4	17.1	22.9	4.9	4.6	18.6	148.7	
1978-79		29.0	23.0	25.3	4.4	5.6	3.5	8.4	99.2	
1979-80		41.1 ± 19.6	20.2 ± 7.7	20.0 ± 6.3	9.7 ± 5.0	8.0 ± 3.1	13.1 ± 4.0	29.9 ± 12.4	142.0 ± 26.2	
1980-81		69.9 ± 25.1	29.9 ± 8.2	12.4 ± 2.9	8.5 ± 2.8	14.5 ± 4.1	25.7 ± 4.6	11.7 ± 2.8	172.7 ± 27.5	
1981-82		34.2 ± 9.7	20.5 ± 6.3	16.1 ± 4.6	13.9 ± 3.5	9.5 ± 1.6	17.5 ± 3.6	8.5 ± 1.9	120.4 ± 13.7	
1982-83		27.1 ± 6.0	14.7 ± 3.4	14.4 ± 1.6	25.4 ± 7.0	8.5 ± 2.2	14.3 ± 2.0	21.7 ± 2.9	126.2 ± 10.8	
1983-84		33.3 ± 6.2	28.5 ± 5.6	26.7 ± 4.1	30.9 ± 9.3	9.8 ± 2.0	10.6 ± 1.3	32.1 ± 3.7	172.0 ± 13.8	
1984-85		34.4 ± 12.9	6.6 ± 1.8	7.0 ± 2.6	7.8 ± 2.0	8.0 ± 1.8	3.7 ± 1.7	19.4 ± 2.6	87.0 ± 13.9	
1985-86		29.4 ± 7.4	15.3 ± 5.9	6.3 ± 2.0	20.8 ± 3.7	12.1 ± 2.9	15.8 ± 4.3	45.6 ± 12.8	145.2 ± 17.3	
1986-87		40.8 ± 9.1	26.1 ± 4.3	12.8 ± 2.9	24.4 ± 6.0	15.9 ± 3.0	12.9 ± 2.1	45.1 ± 5.9	178.0 ± 13.9	
1987-88	8.9 ± 2.3	30.2 ± 5.1	21.8 ± 4.7	28.0 ± 5.9	20.4 ± 3.0	17.5 ± 5.2	14.8 ± 2.2	41.9 ± 4.3	183.4 ± 12.1	
1988-89	6.9 ± 1.5	27.5 ± 6.7	13.2 ± 3.7	10.6 ± 1.8	27.1 ± 4.4	12.3 ± 2.4	10.0 ± 1.4	39.1 ± 5.8	146.7 ± 11.2	
1989-90	7.6 ± 2.0	28.5 ± 6.1	14.6 ± 2.6	16.8 ± 4.0	13.5 ± 2.6	11.9 ± 2.4	8.3 ± 1.3	26.7 ± 3.2	127.9 ± 9.4	
1990-91	7.3 ± 2.2	19.6 ± 5.6	11.1 ± 3.4	6.9 ± 1.9	12.9 ± 4.2	17.8 ± 3.1	2.7 ± 0.7	15.5 ± 2.0	93.9 ± 9.1	
1991-92	7.2 ± 1.2	10.4 ± 2.5	15.4 ± 4.2	12.2 ± 3.3	21.8 ± 3.6	19.7 ± 4.7	4.7 ± 0.7	14.6 ± 3.1	106.1 ± 9.0	
1992-93	9.9 ± 2.4	28.2 ± 4.6	10.5 ± 2.3	18.8 ± 3.7	35.9 ± 5.4	23.4 ± 3.2	12.5 ± 2.3	23.4 ± 3.5	162.7 ± 10.2	
1993-94	16.8 ± 3.1	29.7 ± 5.1	20.8 ± 3.3	29.9 ± 4.9	69.1 ± 6.6	29.8 ± 3.4	13.5 ± 2.4	31.8 ± 3.6	241.4 ± 12.0	
1994-95	13.5 ± 2.4	27.2 ± 4.9	27.1 ± 4.7	28.1 ± 3.5	45.1 ± 4.5	23.7 ± 2.4	13.9 ± 1.8	37.7 ± 4.9	216.3 ± 10.9	
1995-96	10.1 ± 1.8	38.4 ± 7.0	23.6 ± 2.8	18.9 ± 2.5	37.0 ± 4.1	23.9 ± 4.3	9.1 ± 1.7	25.3 ± 3.7	186.2 ± 10.9	
1996-97	10.0 ± 1.9	31.8 ± 4.8	25.7 ± 3.7	15.8 ± 2.0	27.2 ± 3.0	14.7 ± 2.0	6.7 ± 1.0	23.0 ± 3.1	154.9 ± 8.2	
1997-98	15.3 ± 2.8	35.3 ± 6.3	16.8 ± 2.3	25.3 ± 3.9	34.9 ± 3.6	16.4 ± 2.0	14.9 ± 2.0	30.2 ± 4.2	188.9 ± 10.3	
1998-99	14.7 ± 2.5	40.6 ± 8.1	26.3 ± 4.0	20.5 ± 2.5	33.8 ± 4.0	23.9 ± 2.6	13.2 ± 2.7	22.7 ± 3.0	195.8 ± 11.5	
1999-2000	14.7 ± 2.2	32.9 ± 5.7	20.2 ± 3.4	23.9 ± 2.7	47.0 ± 5.3	20.9 ± 2.2	24.1 ± 2.2	37.9 ± 4.9	221.7 ± 10.9	
2000-01	12.2 ± 1.9	19.7 ± 3.7	22.5 ± 3.2	21.9 ± 2.6	32.4 ± 3.7	23.1 ± 2.9	19.7 ± 2.0	28.0 ± 4.2	179.6 ± 8.9	
2001-02	12.6 ± 2.7	26.7 ± 4.4	17.3 ± 3.0	25.5 ± 2.9	32.4 ± 3.3	18.5 ± 2.5	11.3 ± 1.3	31.2 ± 4.0	175.5 ± 8.9	
2002-03	11.0 ± 1.8	32.7 ± 6.3	18.7 ± 3.4	19.5 ± 2.6	23.0 ± 2.8	18.8 ± 4.4	10.2 ± 1.2	27.5 ± 4.4	161.3 ± 10.5	
Sand seatrout										
1974-76		722.5 ± 428.9	68.5 ± 45.4	7.7 ± 4.2	15.9 ± 10.0	90.1 ± 26.7	52.9 ± 44.2	19.5 ± 11.1	977.1 ± 296.5	
1976-77		589.5	31.6	0.2	58.2	111.7	22.6	23.5	837.3	
1977-78		337.4	33.0	3.0	14.2	49.5	5.7	53.7	496.4	
1978-79		677.4	25.5	<.1	10.3	35.2	4.3	6.5	759.3	
1979-80		307.1 ± 170.4	8.7 ± 4.1	3.9 ± 2.1	0.5 ± 0.2	85.5 ± 53.2	22.7 ± 15.5	12.2 ± 9.2	440.6 ± 179.4	

Table B.3. (Cont'd.)

Species Year	Bay system								
	Sabine Lake ^a	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre	Coastwide ^b
Sand seatrout (Cont'd.)									
1980-81		339.1 ± 99.2	26.4 ± 13.5	0.9 ± 0.5	9.1 ± 3.4	447.8 ± 377.0	6.7 ± 2.5	8.9 ± 2.7	838.8 ± 390.1
1981-82		153.1 ± 40.2	43.0 ± 18.3	2.0 ± 1.2	11.5 ± 5.4	61.9 ± 14.8	13.8 ± 7.0	20.0 ± 5.2	305.4 ± 47.7
1982-83		279.2 ± 53.9	21.5 ± 6.4	6.7 ± 1.9	21.6 ± 5.9	118.5 ± 24.9	8.5 ± 2.9	15.4 ± 3.6	471.2 ± 60.2
1983-84		166.6 ± 56.6	25.6 ± 9.8	4.0 ± 1.1	13.6 ± 5.6	90.9 ± 23.1	5.1 ± 0.9	8.4 ± 1.9	314.3 ± 62.2
1984-85		246.4 ± 46.1	9.8 ± 5.8	2.9 ± 1.4	7.1 ± 3.3	17.4 ± 6.8	4.7 ± 2.0	20.0 ± 7.2	308.3 ± 47.7
1985-86		305.9 ± 137.8	16.1 ± 5.0	3.1 ± 0.7	16.4 ± 8.1	29.0 ± 11.0	6.9 ± 3.4	23.7 ± 9.7	401.1 ± 139.0
1986-87		226.5 ± 50.4	5.7 ± 2.9	0.1 ± <.1	2.3 ± 1.6	40.8 ± 12.5	3.4 ± 1.8	17.3 ± 4.1	296.0 ± 52.2
1987-88	15.4 ± 5.4	226.7 ± 64.1	2.5 ± 0.9	1.8 ± 0.9	9.5 ± 4.9	61.1 ± 29.9	2.6 ± 1.3	9.6 ± 4.7	329.2 ± 71.3
1988-89	14.5 ± 3.5	214.3 ± 65.3	8.3 ± 3.1	3.3 ± 1.2	5.6 ± 3.3	10.3 ± 4.0	1.7 ± 1.0	2.1 ± 0.9	259.9 ± 65.7
1989-90	2.7 ± 1.5	205.8 ± 65.9	2.8 ± 1.1	1.4 ± 0.6	0.3 ± 0.1	2.1 ± 0.7	0.2 ± 0.1	5.2 ± 2.2	220.4 ± 66.0
1990-91	34.8 ± 11.6	172.1 ± 48.9	4.0 ± 1.7	3.4 ± 2.1	12.8 ± 11.5	16.3 ± 7.3	5.1 ± 2.5	13.1 ± 3.9	261.6 ± 52.4
1991-92	27.0 ± 9.4	294.4 ± 95.9	13.4 ± 5.1	1.0 ± 0.5	3.9 ± 3.0	37.3 ± 14.2	3.1 ± 1.0	32.3 ± 11.1	412.5 ± 98.3
1992-93	19.4 ± 5.4	332.9 ± 173.4	9.3 ± 3.2	0.8 ± 0.5	25.5 ± 10.7	33.6 ± 9.0	12.9 ± 3.8	58.6 ± 18.9	493.0 ± 175.2
1993-94	11.2 ± 3.6	88.1 ± 20.7	9.6 ± 4.4	3.5 ± 2.1	5.6 ± 1.9	22.1 ± 6.7	3.9 ± 1.0	24.8 ± 9.6	168.8 ± 24.7
1994-95	19.8 ± 4.9	181.3 ± 37.3	11.5 ± 3.1	1.7 ± 0.5	8.6 ± 3.4	59.9 ± 24.1	11.8 ± 3.1	22.0 ± 6.4	316.7 ± 45.5
1995-96	37.5 ± 13.3	119.0 ± 24.8	8.8 ± 2.2	1.0 ± 0.4	5.3 ± 2.1	32.6 ± 11.0	6.8 ± 4.3	21.9 ± 8.6	233.0 ± 31.8
1996-97	50.7 ± 14.9	323.2 ± 86.4	13.3 ± 6.0	1.2 ± 0.7	3.3 ± 1.3	24.7 ± 9.7	1.7 ± 0.5	27.1 ± 12.5	445.0 ± 89.2
1997-98	24.1 ± 8.6	103.8 ± 28.2	3.3 ± 2.1	0.2 ± 0.1	2.9 ± 1.4	16.4 ± 7.2	0.7 ± 0.6	5.6 ± 2.9	157.0 ± 30.6
1998-99	8.6 ± 2.3	120.7 ± 33.7	8.1 ± 4.2	1.2 ± 0.8	20.2 ± 12.5	25.8 ± 6.0	2.1 ± 1.3	4.6 ± 1.6	191.2 ± 36.8
1999-2000	13.8 ± 5.6	254.8 ± 138.7	5.9 ± 1.7	1.4 ± 0.7	10.3 ± 2.9	33.4 ± 7.4	6.6 ± 2.8	5.1 ± 1.7	331.4 ± 139.1
2000-01	44.0 ± 17.0	136.0 ± 35.0	3.4 ± 1.2	0.2 ± 0.1	2.0 ± 0.9	11.8 ± 3.6	0.8 ± 0.3	1.2 ± 0.7	199.4 ± 39.1
2001-02	5.8 ± 2.0	80.6 ± 27.2	2.3 ± 1.1	1.5 ± 0.6	7.2 ± 2.4	14.9 ± 3.6	0.8 ± 0.3	5.3 ± 2.3	118.4 ± 27.8
2002-03	2.6 ± 1.0	78.1 ± 20.1	6.9 ± 2.2	2.1 ± 1.2	0.9 ± 0.4	27.3 ± 16.7	1.3 ± 0.5	3.5 ± 1.3	122.7 ± 26.4
Sheepshead									
1974-76		27.8 ± 10.7	15.3 ± 8.9	4.2 ± 1.2	48.7 ± 34.3	5.4 ± 2.3	11.5 ± 5.2	2.7 ± 1.0	115.6 ± 25.1
1976-77		23.5	22.7	2.4	12.5	6.7	4.0	10.7	82.5
1977-78		184.5	24.8	7.6	12.8	4.0	5.0	12.7	251.5
1978-79		39.9	31.0	2.2	5.5	8.0	3.4	15.0	104.5
1979-80		87.1 ± 51.6	9.9 ± 4.5	4.0 ± 2.0	16.9 ± 14.6	7.4 ± 2.6	4.4 ± 2.4	45.8 ± 17.4	175.5 ± 56.7
1980-81		39.5 ± 12.4	16.2 ± 8.2	1.6 ± 0.4	18.0 ± 10.0	67.2 ± 25.8	8.8 ± 3.5	11.6 ± 4.4	163.0 ± 31.9
1981-82		38.1 ± 10.1	29.2 ± 10.3	5.1 ± 1.9	24.9 ± 10.0	19.9 ± 8.1	4.0 ± 1.0	18.1 ± 9.3	139.4 ± 21.5
1982-83		43.9 ± 8.7	19.0 ± 9.2	6.9 ± 1.7	18.0 ± 10.7	65.4 ± 30.4	5.8 ± 1.3	16.2 ± 6.7	175.2 ± 35.3
1983-84		60.2 ± 25.0	12.6 ± 5.1	2.9 ± 0.7	16.3 ± 6.9	7.2 ± 2.2	2.1 ± 0.4	12.9 ± 5.2	114.1 ± 27.0
1984-85		28.9 ± 6.1	23.6 ± 8.6	1.2 ± 0.4	26.3 ± 20.5	5.1 ± 2.7	0.3 ± 0.2	17.1 ± 7.5	102.5 ± 24.4
1985-86		26.1 ± 10.6	15.9 ± 8.0	4.2 ± 2.7	5.5 ± 3.1	6.1 ± 2.8	0.4 ± 0.1	2.5 ± 1.6	60.7 ± 14.2
1986-87		16.3 ± 4.1	15.8 ± 7.0	1.4 ± 0.4	16.9 ± 9.8	2.4 ± 1.5	0.2 ± 0.1	1.2 ± 0.4	54.3 ± 12.8
1987-88	5.5 ± 3.6	30.1 ± 11.4	7.1 ± 2.6	1.0 ± 0.3	4.5 ± 2.8	34.9 ± 19.0	0.2 ± 0.2	27.3 ± 18.6	110.6 ± 29.4
1988-89	2.4 ± 0.7	16.0 ± 3.9	9.2 ± 4.5	0.9 ± 0.3	2.3 ± 0.9	12.6 ± 9.3	0.1 ± 0.1	0.7 ± 0.2	44.2 ± 11.1
1989-90	1.5 ± 0.6	15.9 ± 6.1	5.2 ± 2.8	0.4 ± 0.1	1.2 ± 0.5	6.2 ± 2.5	0.1 ± 0.1	6.6 ± 5.7	37.0 ± 9.2
1990-91	13.6 ± 7.9	19.8 ± 5.1	5.9 ± 3.0	0.4 ± 0.2	6.0 ± 3.9	9.0 ± 5.3	0.9 ± 0.3	2.9 ± 2.1	58.4 ± 12.1
1991-92	4.1 ± 1.5	22.7 ± 6.1	4.0 ± 1.4	0.4 ± 0.2	2.3 ± 2.0	14.2 ± 5.6	0.2 ± 0.1	4.8 ± 2.9	52.6 ± 9.2

Table B.3. (Cont'd.)

Species Year	Bay system									
	Sabine Lake ^a	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre	Coastwide ^b	
Sheepshead (Cont'd.)										
1992-93	3.8 ± 1.4	24.6 ± 7.1	7.0 ± 3.9	0.6 ± 0.3	3.4 ± 1.7	15.3 ± 5.9	0.1 ± <.1	3.8 ± 2.7	58.7 ± 10.6	
1993-94	5.0 ± 2.1	20.8 ± 4.8	4.9 ± 2.3	0.7 ± 0.3	7.1 ± 3.8	16.4 ± 5.3	0.5 ± 0.3	2.0 ± 1.2	57.4 ± 8.8	
1994-95	4.2 ± 1.1	27.3 ± 6.3	4.8 ± 1.4	1.8 ± 1.0	3.2 ± 0.9	24.2 ± 8.5	0.4 ± 0.2	3.7 ± 1.6	69.5 ± 11.0	
1995-96	2.0 ± 1.2	20.6 ± 5.5	3.2 ± 0.9	1.3 ± 0.3	3.4 ± 0.9	27.9 ± 12.0	0.1 ± 0.1	4.2 ± 2.0	62.8 ± 13.4	
1996-97	2.7 ± 0.8	21.6 ± 7.7	7.5 ± 4.0	2.4 ± 0.8	6.2 ± 4.1	41.3 ± 19.2	1.0 ± 0.7	2.3 ± 1.4	84.9 ± 21.5	
1997-98	3.8 ± 1.6	21.9 ± 4.2	13.0 ± 6.2	4.2 ± 1.2	9.2 ± 3.7	37.7 ± 12.9	0.9 ± 0.4	3.7 ± 2.4	94.4 ± 15.7	
1998-99	6.4 ± 1.8	15.0 ± 3.2	7.8 ± 2.0	5.0 ± 1.7	18.7 ± 13.7	44.3 ± 15.5	0.7 ± 0.2	1.7 ± 1.1	99.6 ± 21.2	
1999-2000	3.0 ± 1.4	31.2 ± 18.2	7.2 ± 3.9	4.3 ± 1.1	2.7 ± 0.7	29.0 ± 11.6	0.8 ± 0.3	0.7 ± 0.3	78.9 ± 22.1	
2000-01	1.5 ± 0.7	8.0 ± 1.8	3.8 ± 2.0	2.7 ± 0.9	4.6 ± 1.8	46.1 ± 19.8	0.3 ± 0.1	0.8 ± 0.4	67.8 ± 20.1	
2001-02	4.3 ± 1.4	23.5 ± 8.6	8.5 ± 2.4	3.4 ± 0.8	5.2 ± 3.1	38.9 ± 15.0	0.4 ± 0.3	3.9 ± 2.5	88.1 ± 17.9	
2002-03	2.7 ± 0.9	11.7 ± 2.9	14.4 ± 6.8	2.3 ± 0.6	4.8 ± 1.5	26.6 ± 9.5	0.4 ± 0.2	6.0 ± 1.8	68.8 ± 12.3	
Southern flounder										
1974-76		85.0 ± 30.2	36.0 ± 16.4	10.9 ± 2.7	24.7 ± 11.2	3.8 ± 1.4	55.9 ± 22.8	3.9 ± 1.2	220.2 ± 27.6	
1976-77		31.6	19.9	9.6	8.2	7.5	2.5	5.8	85.0	
1977-78		42.0	19.3	9.4	12.3	4.2	4.6	10.4	102.2	
1978-79		38.4	25.5	4.4	7.9	16.7	3.0	9.9	105.8	
1979-80		440.7 ± 284.0	12.1 ± 5.0	8.0 ± 2.8	1.9 ± 0.9	8.1 ± 3.9	15.9 ± 4.4	14.0 ± 5.1	500.7 ± 284.2	
1980-81		54.6 ± 15.0	14.6 ± 7.1	7.5 ± 3.0	10.5 ± 4.7	71.2 ± 37.0	13.6 ± 3.9	8.1 ± 2.5	180.2 ± 41.2	
1981-82		35.0 ± 8.1	14.6 ± 8.4	3.5 ± 0.9	9.9 ± 2.8	21.8 ± 10.0	10.7 ± 2.5	9.9 ± 1.9	145.4 ± 15.9	
1982-83		98.6 ± 24.3	9.1 ± 2.3	5.7 ± 1.5	15.7 ± 6.8	7.2 ± 1.3	17.7 ± 3.3	26.9 ± 3.7	180.9 ± 25.9	
1983-84		80.8 ± 22.4	12.6 ± 2.6	2.6 ± 0.6	6.0 ± 1.2	10.7 ± 4.1	5.6 ± 1.0	11.4 ± 1.6	129.7 ± 23.1	
1984-85		81.5 ± 19.7	10.4 ± 2.7	1.4 ± 0.4	2.9 ± 1.0	17.0 ± 5.4	2.9 ± 0.9	12.9 ± 4.5	129.1 ± 21.1	
1985-86		58.7 ± 12.0	9.2 ± 4.8	1.8 ± 0.4	10.2 ± 2.7	12.6 ± 3.2	12.9 ± 2.7	47.4 ± 9.6	152.8 ± 16.8	
1986-87		59.3 ± 10.2	7.4 ± 1.6	2.0 ± 0.5	2.8 ± 0.7	10.6 ± 3.5	12.3 ± 1.6	28.6 ± 4.8	123.0 ± 12.1	
1987-88	38.3 ± 7.4	106.8 ± 23.6	9.3 ± 2.6	3.3 ± 0.8	4.7 ± 1.1	5.7 ± 1.8	6.9 ± 1.5	22.6 ± 10.8	197.5 ± 27.2	
1988-89	27.5 ± 4.3	73.4 ± 14.0	10.7 ± 2.5	2.1 ± 0.4	4.9 ± 1.1	5.0 ± 1.5	3.6 ± 0.7	8.1 ± 1.4	135.2 ± 15.0	
1989-90	15.4 ± 3.4	49.1 ± 7.8	5.4 ± 1.4	2.0 ± 0.6	2.9 ± 0.7	9.5 ± 7.0	6.4 ± 3.3	5.2 ± 0.8	96.0 ± 11.6	
1990-91	19.2 ± 3.3	80.5 ± 19.6	6.8 ± 1.7	0.5 ± 0.1	2.0 ± 0.7	7.2 ± 3.0	1.7 ± 0.5	4.8 ± 2.4	122.6 ± 20.4	
1991-92	33.0 ± 4.9	77.9 ± 15.0	8.7 ± 1.9	3.8 ± 0.9	5.4 ± 1.7	8.3 ± 1.9	11.1 ± 2.2	10.1 ± 1.7	158.2 ± 16.3	
1992-93	19.4 ± 2.8	100.4 ± 27.8	12.2 ± 2.4	4.4 ± 0.8	7.8 ± 1.6	8.6 ± 1.8	1.9 ± 0.4	5.7 ± 0.9	160.4 ± 28.2	
1993-94	27.2 ± 4.4	79.8 ± 17.8	20.0 ± 6.3	4.6 ± 0.7	7.7 ± 2.0	4.2 ± 0.7	1.1 ± 0.3	5.7 ± 1.1	150.3 ± 19.6	
1994-95	23.6 ± 3.3	67.7 ± 9.3	17.9 ± 3.5	5.0 ± 0.9	5.7 ± 1.1	5.0 ± 0.9	0.8 ± 0.2	3.5 ± 0.6	129.3 ± 10.6	
1995-96	15.8 ± 2.5	77.6 ± 12.3	23.1 ± 5.4	2.7 ± 0.5	3.4 ± 0.9	2.2 ± 0.4	0.5 ± 0.1	2.3 ± 0.7	127.5 ± 13.7	
1996-97	19.4 ± 3.7	75.9 ± 13.4	8.6 ± 1.8	1.9 ± 0.4	2.5 ± 0.5	1.6 ± 0.4	0.3 ± 0.1	1.7 ± 0.4	111.9 ± 14.1	
1997-98	24.1 ± 4.7	45.4 ± 7.0	8.7 ± 1.2	1.9 ± 0.4	2.0 ± 0.4	1.1 ± 0.2	1.6 ± 0.3	4.6 ± 1.2	89.4 ± 8.7	
1998-99	20.4 ± 5.3	75.9 ± 20.2	9.9 ± 1.5	3.2 ± 0.5	4.7 ± 0.7	2.3 ± 0.6	1.5 ± 0.3	3.7 ± 0.9	121.6 ± 21.0	
1999-2000	19.1 ± 3.3	79.8 ± 18.4	12.1 ± 2.1	5.4 ± 0.8	5.8 ± 2.2	1.6 ± 0.4	1.5 ± 0.3	4.7 ± 0.9	130.2 ± 19.0	
2000-01	15.4 ± 2.3	47.4 ± 14.1	5.5 ± 1.0	3.3 ± 0.7	3.0 ± 0.5	1.9 ± 0.4	1.1 ± 0.2	1.9 ± 0.4	79.5 ± 14.3	
2001-02	14.6 ± 3.1	59.4 ± 21.2	6.0 ± 1.8	2.2 ± 0.5	2.9 ± 0.6	2.1 ± 0.6	1.4 ± 0.3	2.9 ± 0.8	91.5 ± 21.6	
2002-03	10.5 ± 1.9	51.6 ± 12.1	4.9 ± 1.0	3.4 ± 0.7	2.8 ± 0.6	1.8 ± 0.5	2.4 ± 0.5	8.6 ± 1.4	86.1 ± 12.4	

Table B.3. (Cont'd.)

Species Year	Bay system								
	Sabine Lake ^a	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre	Coastwide ^b
Spotted seatrout									
1974-76		638.6 ± 216.6	252.1 ± 105.4	271.9 ± 70.2	750.0 ± 340.1	78.4 ± 24.8	335.4 ± 79.4	275.1 ± 64.7	2601.5 ± 288.8
1976-77		166.9	36.3	98.8	306.8	143.1	371.1	479.5	1601.8
1977-78		326.2	132.7	61.0	205.6	139.6	92.3	243.8	1201.2
1978-79		369.6	103.8	25.3	163.3	104.8	54.9	182.0	1003.7
1979-80		120.0 ± 34.2	44.0 ± 16.2	121.0 ± 53.9	89.3 ± 30.0	49.9 ± 14.4	155.3 ± 38.4	191.9 ± 53.7	771.4 ± 99.0
1980-81		829.2 ± 354.9	78.5 ± 18.4	59.1 ± 14.7	83.3 ± 17.7	110.7 ± 22.3	290.3 ± 50.4	140.0 ± 27.6	1591.2 ± 361.4
1981-82		344.7 ± 76.8	153.0 ± 29.1	63.2 ± 8.9	159.2 ± 29.7	145.5 ± 25.8	239.2 ± 43.6	155.5 ± 16.5	1260.3 ± 102.7
1982-83		243.2 ± 60.1	83.7 ± 13.4	63.9 ± 9.9	112.4 ± 18.8	98.8 ± 16.5	217.5 ± 22.6	252.7 ± 21.4	1072.3 ± 74.0
1983-84		461.9 ± 125.7	117.3 ± 34.9	57.5 ± 8.5	71.7 ± 13.5	116.9 ± 37.3	146.5 ± 19.7	168.8 ± 18.0	1140.7 ± 139.2
1984-85		112.1 ± 19.9	28.4 ± 11.3	4.3 ± 1.0	17.6 ± 10.2	16.2 ± 5.1	7.2 ± 2.3	87.9 ± 12.4	273.8 ± 28.5
1985-86		151.0 ± 40.6	56.0 ± 14.3	28.7 ± 14.0	47.1 ± 10.3	66.5 ± 19.5	63.7 ± 11.5	119.9 ± 17.2	533.0 ± 54.4
1986-87		226.4 ± 49.0	70.6 ± 20.3	32.8 ± 5.0	43.7 ± 8.9	44.3 ± 8.0	81.7 ± 12.5	151.7 ± 17.8	651.3 ± 58.8
1987-88	45.1 ± 9.5	195.7 ± 33.7	72.7 ± 12.4	57.0 ± 9.6	68.6 ± 11.8	63.6 ± 14.5	105.6 ± 16.8	137.4 ± 15.3	745.6 ± 48.4
1988-89	39.7 ± 7.3	177.5 ± 38.2	54.8 ± 11.7	33.7 ± 5.1	60.0 ± 9.7	50.7 ± 10.0	113.8 ± 19.4	127.9 ± 11.8	658.2 ± 48.9
1989-90	32.4 ± 6.4	204.7 ± 34.6	33.2 ± 8.6	26.4 ± 5.1	24.3 ± 4.0	44.3 ± 8.5	52.2 ± 10.0	60.4 ± 5.5	477.9 ± 39.5
1990-91	15.9 ± 4.1	52.5 ± 12.0	15.6 ± 4.9	5.9 ± 1.9	15.7 ± 4.7	38.9 ± 10.8	9.9 ± 3.1	50.7 ± 9.0	205.0 ± 20.4
1991-92	21.0 ± 6.0	69.8 ± 11.3	81.2 ± 31.9	25.8 ± 6.5	37.4 ± 11.9	33.4 ± 5.8	59.8 ± 10.1	75.4 ± 13.8	404.0 ± 41.1
1992-93	23.1 ± 4.0	191.0 ± 61.1	41.8 ± 7.3	31.7 ± 6.0	70.6 ± 10.3	80.0 ± 14.7	93.5 ± 18.5	117.3 ± 14.5	648.8 ± 68.7
1993-94	27.7 ± 5.4	120.2 ± 21.0	86.4 ± 15.6	59.1 ± 8.3	94.4 ± 11.0	60.6 ± 7.5	57.4 ± 9.4	107.3 ± 11.6	613.0 ± 34.4
1994-95	37.5 ± 6.3	147.9 ± 26.3	73.6 ± 10.5	67.5 ± 9.8	67.7 ± 6.9	61.6 ± 8.2	57.2 ± 7.0	88.4 ± 11.6	601.4 ± 35.2
1995-96	19.6 ± 3.4	116.4 ± 19.8	80.7 ± 13.8	50.9 ± 6.4	65.0 ± 12.3	47.3 ± 6.5	84.5 ± 12.4	100.1 ± 20.5	564.5 ± 37.4
1996-97	68.3 ± 17.7	159.9 ± 29.5	73.7 ± 14.0	53.0 ± 7.0	59.3 ± 9.1	36.1 ± 4.8	36.7 ± 4.7	70.4 ± 9.2	557.3 ± 40.5
1997-98	80.1 ± 16.0	176.5 ± 25.4	52.1 ± 8.4	72.6 ± 9.8	84.7 ± 11.2	43.4 ± 5.3	85.2 ± 9.1	69.4 ± 8.5	664.0 ± 37.1
1998-99	66.7 ± 13.2	195.1 ± 37.0	98.6 ± 16.6	81.0 ± 10.1	81.3 ± 9.4	63.2 ± 11.1	99.3 ± 17.1	63.7 ± 8.4	749.0 ± 49.9
1999-2000	70.0 ± 12.9	267.7 ± 33.3	65.0 ± 8.4	92.0 ± 13.6	97.6 ± 10.9	44.7 ± 6.0	86.7 ± 9.3	83.2 ± 10.5	806.7 ± 43.3
2000-01	80.2 ± 14.5	157.6 ± 30.1	76.0 ± 15.0	82.3 ± 11.1	78.7 ± 10.9	46.4 ± 6.2	67.4 ± 7.7	84.8 ± 11.2	673.5 ± 42.5
2001-02	71.9 ± 23.4	180.3 ± 27.3	58.0 ± 10.2	68.7 ± 7.4	53.5 ± 8.0	25.3 ± 6.0	48.6 ± 7.5	75.0 ± 11.3	581.2 ± 41.7
2002-03	30.5 ± 7.6	148.2 ± 26.7	71.9 ± 9.9	67.6 ± 10.2	90.6 ± 15.9	38.2 ± 6.7	62.3 ± 7.1	72.7 ± 9.4	582.0 ± 37.6
Other species									
1974-76		99.5 ± 51.5	8.3 ± 5.6	6.6 ± 2.1	6.7 ± 2.1	14.2 ± 5.4	10.9 ± 6.6	24.2 ± 18.9	170.4 ± 36.3
1976-77		32.8	6.1	5.5	4.4	9.4	3.2	25.1	86.5
1977-78		71.4	15.2	4.6	3.5	4.6	4.4	6.1	109.8
1978-79		75.1	11.8	2.1	2.9	12.4	0.3	2.6	106.9
1979-80		70.9 ± 25.9	6.8 ± 2.8	3.0 ± 1.6	0.9 ± 0.6	60.9 ± 45.9	50.7 ± 46.5	7.6 ± 4.3	200.8 ± 70.5
1980-81		98.2 ± 21.3	11.4 ± 5.9	2.7 ± 1.0	2.4 ± 1.4	65.8 ± 38.0	14.7 ± 9.5	4.9 ± 2.4	200.1 ± 45.1
1981-82		86.0 ± 27.3	9.7 ± 2.8	2.6 ± 1.1	7.6 ± 2.5	18.5 ± 3.3	5.4 ± 1.4	3.8 ± 0.8	133.7 ± 27.8
1982-83		89.5 ± 15.8	8.3 ± 1.9	5.1 ± 1.2	10.6 ± 2.6	44.9 ± 11.9	11.1 ± 6.0	8.9 ± 1.9	178.4 ± 21.0
1983-84		84.6 ± 28.2	8.6 ± 2.3	5.8 ± 2.6	28.8 ± 8.7	31.2 ± 13.6	6.2 ± 1.6	9.9 ± 2.4	175.1 ± 32.8
1984-85		37.7 ± 6.9	9.2 ± 2.8	2.6 ± 0.9	2.8 ± 1.6	5.2 ± 1.5	1.1 ± 0.4	21.5 ± 8.1	80.2 ± 11.3
1985-86		113.9 ± 52.2	36.2 ± 18.7	0.9 ± 0.3	1.2 ± 0.6	14.4 ± 3.7	9.1 ± 3.0	7.7 ± 2.0	183.4 ± 55.7
1986-87		72.9 ± 16.3	11.4 ± 2.6	2.4 ± 0.9	2.0 ± 0.6	7.6 ± 2.3	9.1 ± 6.1	26.0 ± 6.0	131.4 ± 18.8

Table B.3. (Cont'd.)

Species Year	Bay system								Coastwide ^b
	Sabine Lake ^a	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre	
Other species (Cont'd.)									
1987-88	17.6 ± 7.4	81.9 ± 16.6	23.3 ± 8.5	1.3 ± 0.3	19.0 ± 8.1	45.8 ± 30.6	7.1 ± 1.5	18.8 ± 5.5	214.8 ± 37.9
1988-89	29.1 ± 10.7	82.2 ± 26.4	19.1 ± 4.4	11.3 ± 8.2	6.8 ± 2.5	14.0 ± 4.7	8.7 ± 3.9	9.3 ± 3.7	180.6 ± 30.9
1989-90	15.2 ± 6.1	57.8 ± 23.6	13.7 ± 3.8	10.9 ± 4.7	2.4 ± 1.4	9.3 ± 2.5	6.5 ± 2.3	11.9 ± 3.1	127.7 ± 25.5
1990-91	36.4 ± 10.4	115.4 ± 36.6	11.9 ± 5.2	3.1 ± 1.2	4.6 ± 2.0	8.2 ± 3.5	6.0 ± 4.6	8.7 ± 2.8	194.2 ± 39.0
1991-92	10.2 ± 2.4	76.9 ± 16.1	10.3 ± 3.1	5.3 ± 2.2	1.4 ± 0.5	12.0 ± 5.0	2.6 ± 0.8	9.8 ± 2.9	128.5 ± 17.7
1992-93	38.9 ± 16.5	74.6 ± 12.7	17.9 ± 6.0	4.8 ± 1.9	3.3 ± 1.4	5.9 ± 1.4	1.9 ± 0.8	20.6 ± 6.7	167.8 ± 22.9
1993-94	26.1 ± 8.2	106.5 ± 25.1	19.3 ± 9.2	3.4 ± 1.7	13.8 ± 6.0	11.2 ± 3.0	3.3 ± 1.7	19.7 ± 7.5	203.3 ± 29.8
1994-95	28.5 ± 6.4	136.2 ± 34.6	45.3 ± 16.4	9.0 ± 3.6	15.9 ± 11.1	18.5 ± 7.3	6.1 ± 3.3	14.8 ± 4.2	274.2 ± 41.5
1995-96	41.6 ± 20.5	71.6 ± 15.5	19.3 ± 5.2	10.7 ± 5.7	6.0 ± 2.7	12.5 ± 4.6	2.7 ± 0.6	13.9 ± 4.6	178.3 ± 27.7
1996-97	63.6 ± 38.9	104.2 ± 33.3	22.7 ± 9.2	17.2 ± 8.0	3.6 ± 1.3	8.8 ± 2.7	1.7 ± 0.5	10.0 ± 3.0	231.9 ± 52.9
1997-98	26.5 ± 7.5	59.4 ± 12.2	38.8 ± 16.9	13.4 ± 6.3	5.1 ± 2.0	9.8 ± 2.1	1.3 ± 0.4	24.8 ± 19.7	179.0 ± 30.5
1998-99	16.8 ± 4.9	64.3 ± 14.2	41.3 ± 13.7	14.3 ± 7.6	6.9 ± 2.9	8.4 ± 1.8	1.7 ± 0.5	12.0 ± 4.6	165.7 ± 22.4
1999-2000	22.2 ± 8.6	96.1 ± 28.9	26.2 ± 5.9	8.8 ± 3.4	17.4 ± 10.8	17.0 ± 3.6	3.0 ± 1.0	10.2 ± 2.9	200.9 ± 33.1
2000-01	29.9 ± 8.5	95.6 ± 17.8	14.3 ± 3.3	25.2 ± 19.9	3.3 ± 1.2	11.9 ± 2.0	2.1 ± 0.6	25.2 ± 8.8	207.5 ± 29.6
2001-02	8.5 ± 3.0	46.7 ± 9.3	24.8 ± 15.9	4.7 ± 1.1	3.7 ± 1.4	7.0 ± 1.4	1.6 ± 0.4	14.1 ± 6.3	111.1 ± 19.8
2002-03	14.5 ± 5.1	41.2 ± 10.0	29.6 ± 9.5	6.2 ± 1.7	5.1 ± 3.2	15.2 ± 5.8	2.4 ± 0.7	52.7 ± 29.8	167.0 ± 34.0
All species combined ^b									
1974-76		2470.6 ± 763.4	475.7 ± 181.0	353.2 ± 77.6	903.8 ± 346.2	238.7 ± 55.1	652.0 ± 154.1	412.6 ± 70.5	5506.6 ± 590.7
1976-77		1487.6	220.4	190.3	425.1	324.3	462.6	594.2	3698.9
1977-78		2025.0	319.1	118.1	282.8	230.0	159.7	369.3	3504.9
1978-79		1837.1	293.8	71.7	202.8	209.2	143.3	252.0	3009.9
1979-80		1357.8 ± 507.6	124.7 ± 30.1	165.0 ± 53.3	130.6 ± 38.1	239.5 ± 80.4	376.3 ± 107.4	307.9 ± 86.6	2701.8 ± 537.0
1980-81		1904.4 ± 499.7	271.7 ± 67.0	88.7 ± 16.4	135.7 ± 24.0	936.5 ± 585.5	397.4 ± 60.7	199.0 ± 34.4	3933.5 ± 776.3
1981-82		947.9 ± 155.9	308.6 ± 49.7	103.2 ± 14.1	247.4 ± 35.7	344.1 ± 47.8	329.4 ± 47.6	224.2 ± 24.0	2504.8 ± 182.7
1982-83		1071.9 ± 129.3	192.5 ± 25.5	111.2 ± 11.6	220.7 ± 31.8	381.9 ± 55.1	309.6 ± 34.1	357.8 ± 27.3	2645.7 ± 153.2
1983-84		1115.2 ± 192.8	234.7 ± 39.6	104.6 ± 13.7	194.8 ± 27.3	355.3 ± 67.7	200.1 ± 22.3	257.8 ± 26.6	2462.6 ± 213.2
1984-85		768.6 ± 91.3	110.3 ± 18.6	22.4 ± 3.6	71.7 ± 25.6	80.5 ± 13.9	22.9 ± 4.6	188.0 ± 21.8	1264.3 ± 100.2
1985-86		1084.8 ± 260.3	169.7 ± 41.1	46.2 ± 14.7	104.7 ± 16.6	166.6 ± 30.0	126.3 ± 18.9	329.3 ± 86.4	2027.7 ± 280.5
1986-87		911.0 ± 136.1	161.6 ± 24.6	53.7 ± 6.6	95.8 ± 16.9	131.4 ± 17.9	133.2 ± 16.7	282.2 ± 27.3	1768.9 ± 144.2
1987-88	236.1 ± 35.5	933.1 ± 128.4	156.8 ± 22.4	99.9 ± 15.6	136.6 ± 19.8	276.8 ± 57.4	153.0 ± 20.3	264.8 ± 40.4	2257.0 ± 155.7
1988-89	207.2 ± 23.8	764.6 ± 137.3	134.4 ± 20.3	65.2 ± 11.2	124.4 ± 22.3	124.9 ± 21.4	152.2 ± 21.7	198.8 ± 17.5	1771.6 ± 147.3
1989-90	148.8 ± 23.1	684.8 ± 99.0	92.5 ± 15.4	64.0 ± 10.3	47.9 ± 6.7	95.4 ± 14.7	85.1 ± 15.1	122.0 ± 10.2	1340.6 ± 106.2
1990-91	197.6 ± 30.3	539.1 ± 86.9	67.9 ± 11.7	25.9 ± 6.1	65.6 ± 20.5	113.2 ± 21.4	30.7 ± 8.3	99.7 ± 13.2	1139.7 ± 98.8
1991-92	164.2 ± 22.2	738.2 ± 132.8	145.4 ± 38.3	50.9 ± 9.8	76.3 ± 16.7	141.0 ± 22.8	92.3 ± 13.0	153.8 ± 27.3	1562.2 ± 146.3
1992-93	192.2 ± 25.6	927.0 ± 237.6	115.2 ± 16.5	66.0 ± 8.9	156.8 ± 18.5	184.8 ± 20.6	136.4 ± 22.3	234.7 ± 31.3	2013.0 ± 244.3
1993-94	201.7 ± 24.2	660.4 ± 74.5	183.8 ± 24.7	105.4 ± 11.6	210.5 ± 19.6	160.5 ± 15.5	103.4 ± 15.1	202.6 ± 24.7	1828.5 ± 91.3
1994-95	207.6 ± 23.2	751.8 ± 99.9	204.3 ± 22.8	116.7 ± 12.9	159.0 ± 16.6	214.2 ± 29.7	112.2 ± 11.4	193.0 ± 21.6	1958.7 ± 113.8
1995-96	190.4 ± 49.8	599.8 ± 71.9	180.5 ± 22.2	92.5 ± 10.8	131.2 ± 17.3	163.3 ± 21.9	118.4 ± 14.9	178.8 ± 27.6	1654.9 ± 100.1
1996-97	316.6 ± 62.1	933.6 ± 115.9	169.8 ± 26.5	96.3 ± 11.6	109.3 ± 12.5	139.0 ± 26.4	69.5 ± 9.0	140.7 ± 19.8	1974.7 ± 139.4
1997-98	279.2 ± 42.4	598.0 ± 70.3	149.0 ± 21.7	125.0 ± 16.8	147.5 ± 14.4	136.5 ± 18.2	116.7 ± 11.7	141.2 ± 22.2	1693.3 ± 93.0
1998-99	198.7 ± 28.2	725.0 ± 97.1	213.0 ± 26.9	129.9 ± 13.5	174.6 ± 27.2	177.7 ± 23.7	128.0 ± 19.8	110.0 ± 12.3	1856.8 ± 113.9

Table B.3. (Cont'd.)

Species Year	Bay system								
	Sabine Lake ^a	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre	Coastwide ^b
All species combined ^b (Cont'd.)									
1999-2000	181.4 ± 21.6	878.3 ± 160.8	156.9 ± 15.7	143.6 ± 17.7	189.0 ± 19.3	156.3 ± 18.4	134.7 ± 11.9	144.6 ± 15.3	1984.8 ± 167.2
2000-01	262.1 ± 33.0	639.0 ± 85.4	155.7 ± 20.7	143.4 ± 23.8	133.3 ± 14.1	150.4 ± 22.2	100.5 ± 9.6	143.6 ± 16.0	1727.9 ± 102.1
2001-02	195.8 ± 31.2	607.0 ± 77.1	133.0 ± 21.6	116.3 ± 10.2	122.2 ± 13.0	115.3 ± 19.3	71.7 ± 9.1	135.0 ± 16.4	1496.3 ± 91.5
2002-03	115.0 ± 16.1	442.1 ± 60.5	176.2 ± 28.3	110.8 ± 13.8	142.9 ± 18.9	136.4 ± 26.6	84.3 ± 8.6	176.0 ± 33.6	1383.6 ± 84.7

^a Data collected during 1974-76 are not available in comparable format; see Breuer et al. (1977) and Heffernan and Green (1977) for information on these data.

^b Due to rounding of numbers, these totals may not exactly equal sum of individual totals.

Table B.4. Estimated annual catch rates of fishes (no./man-h) \pm 1 SE caught by private-boat anglers in Texas bays and passes by bay system, species, and year (1974-2003). Blanks indicate no interviews conducted.

Species Year	Bay system									
	Sabine Lake ^a	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre	Coastwide	
Atlantic croaker										
1974-76		0.24 \pm 0.12	0.03 \pm 0.02	0.02 \pm 0.01	0.01 \pm <.01	0.05 \pm 0.02	0.21 \pm 0.12	0.01 \pm 0.01	0.14 \pm 0.05	
1976-77		0.52	0.07	<.01	0.02	0.10	0.08	0.03	0.19	
1977-78		0.40	0.05	<.01	0.01	0.08	0.10	0.02	0.22	
1978-79		0.24	0.04	0.01	<.01	0.05	0.19	0.02	0.14	
1979-80		0.13 \pm 0.06	0.02 \pm 0.01	0.01 \pm 0.01	0.01 \pm 0.01	0.03 \pm 0.02	0.22 \pm 0.12	0.01 \pm <.01	0.09 \pm 0.03	
1980-81		0.17 \pm 0.10	0.08 \pm 0.04	0.01 \pm <.01	0.01 \pm <.01	0.20 \pm 0.17	0.04 \pm 0.01	0.02 \pm 0.01	0.12 \pm 0.05	
1981-82		0.10 \pm 0.03	0.01 \pm 0.01	<.01 \pm <.01	<.01 \pm <.01	0.12 \pm 0.06	0.03 \pm 0.01	0.01 \pm <.01	0.06 \pm 0.01	
1982-83		0.12 \pm 0.02	0.02 \pm 0.01	<.01 \pm <.01	0.02 \pm 0.01	0.04 \pm 0.01	0.03 \pm 0.02	0.01 \pm <.01	0.05 \pm 0.01	
1983-84		0.12 \pm 0.03	0.02 \pm 0.01	0.01 \pm <.01	0.03 \pm 0.02	0.18 \pm 0.08	0.06 \pm 0.01	0.01 \pm <.01	0.08 \pm 0.02	
1984-85		0.11 \pm 0.02	0.02 \pm 0.01	<.01 \pm <.01	0.01 \pm 0.01	0.03 \pm 0.01	0.01 \pm <.01	0.01 \pm <.01	0.06 \pm 0.01	
1985-86		0.21 \pm 0.10	0.02 \pm 0.01	<.01 \pm <.01	<.01 \pm <.01	0.03 \pm 0.02	0.03 \pm 0.01	0.08 \pm 0.08	0.11 \pm 0.04	
1986-87		0.13 \pm 0.04	0.01 \pm 0.01	<.01 \pm <.01	<.01 \pm <.01	0.02 \pm 0.01	0.03 \pm 0.01	0.01 \pm <.01	0.06 \pm 0.02	
1987-88	0.23 \pm 0.07	0.11 \pm 0.02	0.01 \pm <.01	<.01 \pm <.01	0.01 \pm 0.01	0.08 \pm 0.04	0.02 \pm 0.01	0.01 \pm <.01	0.07 \pm 0.01	
1988-89	0.18 \pm 0.03	0.08 \pm 0.02	0.02 \pm 0.01	<.01 \pm <.01	0.03 \pm 0.03	0.08 \pm 0.04	0.02 \pm 0.01	0.01 \pm <.01	0.06 \pm 0.01	
1989-90	0.20 \pm 0.06	0.06 \pm 0.01	<.01 \pm <.01	0.01 \pm 0.01	<.01 \pm <.01	0.01 \pm 0.01	0.02 \pm 0.01	0.01 \pm <.01	0.04 \pm 0.01	
1990-91	0.15 \pm 0.04	0.04 \pm 0.01	0.01 \pm <.01	<.01 \pm <.01	<.01 \pm <.01	<.01 \pm <.01	0.01 \pm <.01	0.01 \pm <.01	0.03 \pm 0.01	
1991-92	0.11 \pm 0.02	0.10 \pm 0.03	0.01 \pm <.01	<.01 \pm <.01	<.01 \pm <.01	0.02 \pm 0.01	0.01 \pm <.01	0.01 \pm 0.01	0.05 \pm 0.01	
1992-93	0.16 \pm 0.04	0.07 \pm 0.02	0.02 \pm 0.01	<.01 \pm <.01	<.01 \pm <.01	0.01 \pm <.01	0.02 \pm 0.01	0.01 \pm <.01	0.05 \pm 0.01	
1993-94	0.17 \pm 0.04	0.10 \pm 0.02	0.03 \pm 0.01	<.01 \pm <.01	<.01 \pm <.01	0.01 \pm <.01	0.01 \pm <.01	0.01 \pm <.01	0.06 \pm 0.01	
1994-95	0.14 \pm 0.03	0.07 \pm 0.02	0.01 \pm <.01	<.01 \pm <.01	<.01 \pm <.01	0.01 \pm <.01	<.01 \pm <.01	0.01 \pm <.01	0.04 \pm 0.01	
1995-96	0.16 \pm 0.05	0.07 \pm 0.02	0.01 \pm <.01	0.01 \pm <.01	<.01 \pm <.01	0.01 \pm <.01	0.01 \pm <.01	0.01 \pm <.01	0.04 \pm 0.01	
1996-97	0.19 \pm 0.05	0.10 \pm 0.02	0.01 \pm <.01	<.01 \pm <.01	<.01 \pm <.01	0.01 \pm <.01	0.01 \pm <.01	0.01 \pm <.01	0.06 \pm 0.01	
1997-98	0.19 \pm 0.06	0.08 \pm 0.02	0.02 \pm 0.01	<.01 \pm <.01	<.01 \pm <.01	0.01 \pm <.01	0.01 \pm <.01	0.01 \pm <.01	0.05 \pm 0.01	
1998-99	0.12 \pm 0.04	0.11 \pm 0.03	0.01 \pm <.01	<.01 \pm <.01	<.01 \pm <.01	0.01 \pm <.01	0.01 \pm <.01	0.01 \pm <.01	0.05 \pm 0.01	
1999-2000	0.06 \pm 0.02	0.04 \pm 0.01	0.02 \pm 0.01	<.01 \pm <.01	<.01 \pm <.01	0.01 \pm <.01	<.01 \pm <.01	<.01 \pm <.01	0.02 \pm <.01	
2000-01	0.09 \pm 0.02	0.09 \pm 0.02	0.02 \pm 0.01	<.01 \pm <.01	<.01 \pm <.01	<.01 \pm <.01	<.01 \pm <.01	<.01 \pm <.01	0.04 \pm 0.01	
2001-02	0.14 \pm 0.04	0.08 \pm 0.02	0.01 \pm <.01	<.01 \pm <.01	0.01 \pm 0.01	<.01 \pm <.01	<.01 \pm <.01	<.01 \pm <.01	0.04 \pm 0.01	
2002-03	0.07 \pm 0.02	0.03 \pm 0.01	0.01 \pm <.01	<.01 \pm <.01	<.01 \pm <.01	<.01 \pm <.01	<.01 \pm <.01	<.01 \pm <.01	0.02 \pm <.01	
Black drum										
1974-76		0.01 \pm <.01	0.03 \pm 0.02	0.01 \pm <.01	0.03 \pm 0.03	0.05 \pm 0.02	0.02 \pm 0.01	0.03 \pm 0.02	0.02 \pm <.01	
1976-77		0.07	0.04	0.12	0.02	0.03	0.04	0.02	0.05	
1977-78		0.05	0.05	0.03	0.02	0.03	0.02	0.02	0.04	
1978-79		0.05	0.03	0.02	0.01	0.01	0.02	0.04	0.04	
1979-80		0.02 \pm 0.01	0.03 \pm 0.02	0.01 \pm <.01	0.05 \pm 0.03	0.01 \pm 0.01	0.01 \pm 0.01	0.01 \pm 0.01	0.02 \pm 0.01	
1980-81		0.04 \pm 0.02	0.07 \pm 0.03	0.01 \pm <.01	0.01 \pm <.01	0.01 \pm 0.01	0.01 \pm <.01	0.02 \pm 0.01	0.03 \pm 0.01	
1981-82		0.03 \pm 0.01	0.05 \pm 0.01	0.05 \pm 0.01	0.04 \pm 0.01	0.02 \pm 0.01	0.01 \pm 0.01	0.02 \pm 0.01	0.03 \pm 0.01	
1982-83		0.06 \pm 0.02	0.06 \pm 0.02	0.01 \pm <.01	0.02 \pm 0.01	0.02 \pm 0.01	0.01 \pm <.01	0.01 \pm <.01	0.04 \pm 0.01	
1983-84		0.03 \pm 0.01	0.04 \pm 0.01	0.01 \pm <.01	0.03 \pm 0.01	0.02 \pm 0.01	<.01 \pm <.01	0.02 \pm 0.01	0.02 \pm <.01	
1984-85		0.02 \pm <.01	0.03 \pm 0.01	0.01 \pm 0.01	0.01 \pm 0.01	0.01 \pm <.01	<.01 \pm <.01	0.01 \pm <.01	0.01 \pm <.01	

Table B.4. (Cont'd.)

Species Year	Bay system									
	Sabine Lake*	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre	Coastwide	
Black drum (Cont'd.)										
1985-86		0.02 ± 0.01	0.02 ± 0.01	0.01 ± <.01	<.01 ± <.01	0.03 ± <.01	0.01 ± 0.01	<.01 ± <.01	0.02 ± <.01	0.01 ± <.01
1986-87		0.01 ± <.01	0.02 ± 0.01	0.01 ± <.01	0.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.01 ± <.01	0.01 ± <.01	0.01 ± <.01
1987-88	0.03 ± 0.01	0.02 ± 0.01	0.01 ± <.01	0.02 ± 0.01	<.01 ± <.01	<.01 ± <.01	0.01 ± <.01	0.01 ± <.01	0.01 ± <.01	0.01 ± <.01
1988-89	0.01 ± <.01	0.01 ± <.01	0.01 ± <.01	0.01 ± <.01	<.01 ± <.01	0.01 ± <.01	0.02 ± 0.01	0.01 ± <.01	0.01 ± <.01	0.01 ± <.01
1989-90	0.02 ± 0.01	0.02 ± <.01	0.02 ± 0.01	0.02 ± 0.01	0.01 ± <.01	0.02 ± 0.01	0.01 ± <.01	0.01 ± <.01	0.01 ± <.01	0.01 ± <.01
1990-91	0.02 ± 0.01	0.01 ± <.01	0.01 ± <.01	0.03 ± 0.03	0.02 ± 0.02	0.02 ± 0.01	0.01 ± <.01	0.01 ± <.01	0.01 ± <.01	0.01 ± <.01
1991-92	0.02 ± 0.01	0.01 ± <.01	0.01 ± <.01	0.01 ± <.01	0.01 ± <.01	0.01 ± <.01	0.02 ± 0.01	0.01 ± <.01	0.01 ± <.01	0.01 ± <.01
1992-93	0.02 ± <.01	0.01 ± <.01	<.01 ± <.01	0.01 ± <.01	0.01 ± <.01	0.02 ± 0.01	0.02 ± 0.01	0.01 ± <.01	0.01 ± <.01	0.01 ± <.01
1993-94	0.02 ± <.01	0.01 ± <.01	0.01 ± <.01	0.01 ± <.01	0.02 ± <.01	0.02 ± 0.01	0.05 ± 0.01	0.02 ± <.01	0.01 ± <.01	0.01 ± <.01
1994-95	0.02 ± <.01	0.01 ± <.01	0.01 ± <.01	0.01 ± <.01	0.01 ± <.01	0.03 ± 0.01	0.06 ± 0.01	0.03 ± 0.01	0.02 ± <.01	0.02 ± <.01
1995-96	0.02 ± 0.01	0.01 ± <.01	0.01 ± <.01	0.01 ± <.01	0.01 ± <.01	0.02 ± <.01	0.06 ± 0.01	0.02 ± 0.01	0.01 ± <.01	0.01 ± <.01
1996-97	0.03 ± 0.01	0.01 ± <.01	0.01 ± <.01	0.01 ± <.01	0.01 ± <.01	0.02 ± <.01	0.03 ± 0.01	0.02 ± 0.01	0.02 ± <.01	0.02 ± <.01
1997-98	0.02 ± 0.01	0.01 ± <.01	0.01 ± <.01	0.01 ± <.01	0.01 ± <.01	0.02 ± <.01	0.03 ± 0.01	0.01 ± <.01	0.01 ± <.01	0.01 ± <.01
1998-99	0.02 ± 0.01	0.01 ± <.01	0.01 ± <.01	<.01 ± <.01	0.01 ± <.01	0.01 ± <.01	0.02 ± <.01	<.01 ± <.01	<.01 ± <.01	0.01 ± <.01
1999-2000	0.02 ± 0.01	0.01 ± <.01	0.01 ± <.01	0.01 ± <.01	0.01 ± <.01	0.01 ± <.01	0.02 ± <.01	<.01 ± <.01	<.01 ± <.01	0.01 ± <.01
2000-01	0.05 ± 0.01	0.01 ± <.01	0.01 ± <.01	0.01 ± <.01	0.01 ± <.01	0.01 ± <.01	0.02 ± <.01	<.01 ± <.01	<.01 ± <.01	0.01 ± <.01
2001-02	0.03 ± 0.01	0.02 ± 0.01	0.01 ± <.01	0.01 ± <.01	0.02 ± <.01	0.01 ± <.01	0.02 ± <.01	<.01 ± <.01	<.01 ± <.01	0.02 ± <.01
2002-03	0.03 ± 0.01	0.01 ± <.01	0.01 ± <.01	0.01 ± <.01	0.02 ± 0.01	0.01 ± <.01	0.01 ± <.01	0.01 ± <.01	0.01 ± <.01	0.01 ± <.01
Gafftopsail catfish										
1974-76		0.01 ± 0.01	0.03 ± 0.02	0.01 ± <.05	0.02 ± 0.02	0.01 ± 0.01	0.00	0.00	0.01 ± 0.02	0.01 ± <.01
1976-77		0.02	0.12	0.02	0.01	0.03	0.00	<.01	0.01	0.02
1977-78		<.01	0.06	0.02	0.01	0.01	0.00	0.00	0.01	0.01
1978-79		0.02	0.05	0.01	0.02	0.02	<.01	<.01	0.02	0.02
1979-80		<.01 ± <.01	<.01 ± <.01	0.01 ± <.01	<.01 ± <.01	0.01 ± 0.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01
1980-81		0.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01
1981-82		<.01 ± <.01	0.01 ± 0.01	0.01 ± <.01	0.01 ± 0.01	0.05 ± 0.04	<.01 ± <.01	<.01 ± <.01	0.01 ± <.01	0.01 ± <.01
1982-83		<.01 ± <.01	0.01 ± <.01	<.01 ± <.01	0.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01
1983-84		<.01 ± <.01	0.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.02 ± 0.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01
1984-85		<.01 ± <.01	0.01 ± <.01	0.01 ± 0.01	0.01 ± 0.01	<.01 ± <.01	0.00	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01
1985-86		<.01 ± <.01	0.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01
1986-87		<.01 ± <.01	0.01 ± 0.01	0.01 ± <.01	<.01 ± <.01	0.01 ± <.01	0.00	0.00	<.01 ± <.01	<.01 ± <.01
1987-88	<.01 ± <.01	<.01 ± <.01	0.01 ± 0.01	0.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01
1988-89	0.01 ± <.01	<.01 ± <.01	0.01 ± 0.01	0.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01
1989-90	<.01 ± <.01	<.01 ± <.01	0.01 ± <.01	0.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01
1990-91	<.01 ± <.01	<.01 ± <.01	0.01 ± 0.01	0.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.00	0.00	<.01 ± <.01	<.01 ± <.01
1991-92	0.01 ± <.01	<.01 ± <.01	0.01 ± <.01	0.01 ± <.01	<.01 ± <.01	0.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01
1992-93	<.01 ± <.01	<.01 ± <.01	0.02 ± 0.01	0.01 ± 0.01	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01
1993-94	<.01 ± <.01	<.01 ± <.01	0.01 ± <.01	0.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01
1994-95	<.01 ± <.01	<.01 ± <.01	0.01 ± <.01	0.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01
1995-96	0.01 ± <.01	<.01 ± <.01	0.01 ± 0.01	0.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01
1996-97	<.01 ± <.01	<.01 ± <.01	0.01 ± <.01	0.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01

Table B.4. (Cont'd.)

Species Year	Bay system									
	Sabine Lake ^a	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre	Coastwide	
Gafftopsail catfish (Cont'd.)										
1997-98	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01
1998-99	0.01 ± <.01	<.01 ± <.01	0.01 ± 0.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01
1999-2000	<.01 ± <.01	<.01 ± <.01	0.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01
2000-01	0.01 ± <.01	0.01 ± <.01	0.03 ± 0.01	<.01 ± <.01	<.01 ± <.01	0.01 ± <.01	<.01 ± <.01	0.00	0.01 ± <.01	<.01 ± <.01
2001-02	0.01 ± <.01	0.01 ± <.01	0.03 ± <.01	0.01 ± <.01	<.01 ± <.01	0.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01
2002-03	<.01 ± <.01	0.01 ± <.01	0.03 ± 0.02	0.01 ± 0.01	<.01 ± <.01	0.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.01 ± <.01	<.01 ± <.01
Red drum										
1974-76		0.04 ± 0.02	0.06 ± 0.03	0.12 ± 0.03	0.04 ± 0.01	0.06 ± 0.03	0.03 ± 0.01	0.06 ± 0.02	0.05 ± 0.01	0.05 ± 0.01
1976-77		0.03	0.05	0.10	0.04	0.06	0.02	0.03	0.04	0.04
1977-78		0.03	0.02	0.06	0.07	0.02	0.01	0.03	0.03	0.03
1978-79		0.02	0.04	0.09	0.01	0.02	0.01	0.02	0.02	0.02
1979-80		0.02 ± 0.01	0.05 ± 0.03	0.09 ± 0.03	0.05 ± 0.03	0.02 ± 0.01	0.03 ± 0.01	0.07 ± 0.03	0.03 ± 0.01	0.03 ± 0.01
1980-81		0.03 ± 0.01	0.05 ± 0.02	0.05 ± 0.02	0.03 ± 0.01	0.02 ± 0.01	0.03 ± 0.01	0.03 ± 0.01	0.03 ± 0.01	0.03 ± 0.01
1981-82		0.02 ± 0.01	0.04 ± 0.01	0.09 ± 0.03	0.03 ± 0.01	0.03 ± 0.01	0.02 ± 0.01	0.02 ± 0.01	0.03 ± 0.01	0.03 ± 0.01
1982-83		0.02 ± <.01	0.04 ± 0.01	0.05 ± 0.01	0.06 ± 0.02	0.02 ± <.01	0.02 ± <.01	0.04 ± 0.01	0.04 ± 0.01	0.03 ± <.01
1983-84		0.02 ± <.01	0.07 ± 0.02	0.14 ± 0.02	0.08 ± 0.02	0.02 ± 0.01	0.03 ± 0.01	0.07 ± 0.01	0.04 ± 0.01	0.04 ± 0.01
1984-85		0.02 ± 0.01	0.02 ± <.01	0.07 ± 0.03	0.03 ± 0.01	0.03 ± 0.01	0.02 ± 0.01	0.04 ± 0.01	0.04 ± 0.01	0.02 ± <.01
1985-86		0.02 ± <.01	0.04 ± 0.02	0.05 ± 0.02	0.05 ± 0.01	0.03 ± 0.01	0.04 ± 0.01	0.05 ± 0.02	0.03 ± <.01	0.03 ± <.01
1986-87		0.02 ± 0.01	0.05 ± 0.01	0.08 ± 0.02	0.07 ± 0.02	0.05 ± 0.01	0.03 ± 0.01	0.06 ± 0.01	0.04 ± <.01	0.04 ± <.01
1987-88	0.02 ± 0.01	0.02 ± <.01	0.04 ± 0.01	0.09 ± 0.02	0.04 ± 0.01	0.03 ± 0.01	0.03 ± 0.01	0.06 ± 0.01	0.03 ± <.01	0.03 ± <.01
1988-89	0.02 ± <.01	0.02 ± <.01	0.03 ± 0.01	0.05 ± 0.01	0.05 ± 0.01	0.03 ± 0.01	0.02 ± <.01	0.06 ± 0.01	0.03 ± <.01	0.03 ± <.01
1989-90	0.02 ± 0.01	0.02 ± <.01	0.03 ± 0.01	0.08 ± 0.02	0.03 ± 0.01	0.03 ± 0.01	0.02 ± <.01	0.05 ± 0.01	0.03 ± <.01	0.03 ± <.01
1990-91	0.02 ± 0.01	0.01 ± <.01	0.03 ± 0.01	0.05 ± 0.01	0.03 ± 0.01	0.03 ± 0.01	0.02 ± 0.01	0.04 ± 0.01	0.02 ± <.01	0.02 ± <.01
1991-92	0.02 ± <.01	0.01 ± <.01	0.03 ± 0.01	0.06 ± 0.02	0.05 ± 0.01	0.04 ± 0.01	0.02 ± <.01	0.03 ± 0.01	0.02 ± <.01	0.02 ± <.01
1992-93	0.02 ± 0.01	0.01 ± <.01	0.02 ± 0.01	0.08 ± 0.02	0.07 ± 0.01	0.05 ± 0.01	0.04 ± 0.01	0.04 ± 0.01	0.03 ± <.01	0.03 ± <.01
1993-94	0.04 ± 0.01	0.02 ± <.01	0.04 ± 0.01	0.09 ± 0.02	0.10 ± 0.01	0.06 ± 0.01	0.04 ± 0.01	0.05 ± 0.01	0.04 ± <.01	0.04 ± <.01
1994-95	0.03 ± 0.01	0.01 ± <.01	0.05 ± 0.01	0.08 ± 0.01	0.07 ± 0.01	0.04 ± 0.01	0.04 ± 0.01	0.06 ± 0.01	0.04 ± <.01	0.04 ± <.01
1995-96	0.03 ± 0.01	0.02 ± <.01	0.04 ± 0.01	0.06 ± 0.01	0.06 ± 0.01	0.04 ± 0.01	0.03 ± 0.01	0.05 ± 0.01	0.04 ± <.01	0.04 ± <.01
1996-97	0.02 ± <.01	0.02 ± <.01	0.04 ± 0.01	0.04 ± 0.01	0.05 ± 0.01	0.04 ± 0.01	0.02 ± <.01	0.05 ± 0.01	0.03 ± <.01	0.03 ± <.01
1997-98	0.03 ± 0.01	0.02 ± <.01	0.03 ± 0.01	0.06 ± 0.01	0.05 ± 0.01	0.04 ± 0.01	0.04 ± 0.01	0.06 ± 0.01	0.04 ± <.01	0.04 ± <.01
1998-99	0.03 ± 0.01	0.02 ± <.01	0.03 ± 0.01	0.05 ± 0.01	0.05 ± 0.01	0.05 ± 0.01	0.03 ± 0.01	0.05 ± 0.01	0.04 ± <.01	0.04 ± <.01
1999-2000	0.03 ± 0.01	0.02 ± <.01	0.03 ± 0.01	0.04 ± 0.01	0.06 ± 0.01	0.04 ± 0.01	0.04 ± 0.01	0.06 ± 0.01	0.04 ± <.01	0.04 ± <.01
2000-01	0.02 ± <.01	0.01 ± <.01	0.03 ± 0.01	0.04 ± 0.01	0.06 ± 0.01	0.04 ± 0.01	0.05 ± 0.01	0.05 ± 0.01	0.03 ± <.01	0.03 ± <.01
2001-02	0.03 ± 0.01	0.01 ± <.01	0.04 ± 0.01	0.05 ± 0.01	0.05 ± 0.01	0.05 ± 0.01	0.05 ± 0.01	0.06 ± 0.01	0.04 ± <.01	0.04 ± <.01
2002-03	0.03 ± 0.01	0.02 ± <.01	0.03 ± 0.01	0.05 ± 0.01	0.05 ± 0.01	0.04 ± 0.01	0.03 ± 0.01	0.05 ± 0.01	0.03 ± <.01	0.03 ± <.01
2003-03	0.03 ± 0.01	0.02 ± <.01	0.03 ± 0.01	0.05 ± 0.01	0.05 ± 0.01	0.04 ± 0.01	0.03 ± 0.01	0.05 ± 0.01	0.03 ± <.01	0.03 ± <.01
Sand seatrout										
1974-76		0.25 ± 0.16	0.11 ± 0.08	0.02 ± 0.01	0.03 ± 0.02	0.34 ± 0.12	0.07 ± 0.06	0.02 ± 0.01	0.16 ± 0.07	0.16 ± 0.07
1976-77		0.58	0.09	0.01	0.14	0.53	0.05	0.04	0.25	0.25
1977-78		0.16	0.06	0.01	0.04	0.24	0.02	0.09	0.11	0.11
1978-79		0.34	0.04	<.01	0.03	0.11	0.01	0.01	0.17	0.17

Table B.4. (Cont'd.)

Species Year	Bay system											
	Sabine Lake *	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre	Coastwide			
Sand seatrout (Cont'd.)												
1979-80		0.15 ±	0.10	0.02 ±	0.01	<.01	<.01	0.19 ±	0.05 ±	0.03 ±	0.11 ±	0.05
1980-81		0.16 ±	0.05	<.01	<.01	0.04 ±	0.01	0.61 ±	0.01 ±	0.02 ±	0.16 ±	0.08
1981-82		0.08 ±	0.02	0.01 ±	0.01	0.03 ±	0.01	0.18 ±	0.02 ±	0.06 ±	0.07 ±	0.01
1982-83		0.17 ±	0.05	0.02 ±	0.01	0.05 ±	0.01	0.26 ±	0.01 ±	0.03 ±	0.10 ±	0.01
1983-84		0.11 ±	0.04	0.02 ±	0.01	0.03 ±	0.01	0.22 ±	0.01 ±	0.02 ±	0.08 ±	0.02
1984-85		0.14 ±	0.03	0.02 ±	0.01	0.03 ±	0.01	0.06 ±	0.03 ±	0.04 ±	0.09 ±	0.01
1985-86		0.18 ±	0.08	0.04 ±	0.01	0.04 ±	0.02	0.08 ±	0.02 ±	0.03 ±	0.09 ±	0.03
1986-87		0.12 ±	0.03	0.01 ±	<.01	0.01 ±	<.01	0.13 ±	0.01 ±	0.02 ±	0.07 ±	0.01
1987-88	0.04 ±	0.11 ±	0.03	<.01	<.01	0.02 ±	0.01	0.12 ±	0.01 ±	0.01 ±	0.06 ±	0.01
1988-89	0.03 ±	0.12 ±	0.04	0.02 ±	0.01	0.02 ±	0.01	0.02 ±	<.01	<.01	0.05 ±	0.01
1989-90	0.01 ±	0.12 ±	0.04	0.01 ±	<.01	<.01	<.01	0.01 ±	<.01	<.01	0.05 ±	0.01
1990-91	0.09 ±	0.11 ±	0.04	0.02 ±	0.01	0.03 ±	0.03	0.03 ±	0.03 ±	0.03 ±	0.07 ±	0.01
1991-92	0.06 ±	0.18 ±	0.06	0.01 ±	<.01	0.01 ±	0.01	0.08 ±	0.01 ±	0.07 ±	0.09 ±	0.02
1992-93	0.05 ±	0.16 ±	0.08	0.02 ±	0.01	0.05 ±	0.02	0.07 ±	0.04 ±	0.10 ±	0.10 ±	0.03
1993-94	0.03 ±	0.05 ±	0.01	0.01 ±	<.01	0.01 ±	<.01	0.05 ±	0.03 ±	0.04 ±	0.06 ±	0.01
1994-95	0.04 ±	0.09 ±	0.02	0.01 ±	0.01	0.01 ±	0.01	0.11 ±	0.03 ±	0.04 ±	0.04 ±	0.01
1995-96	0.11 ±	0.06 ±	0.01	0.01 ±	<.01	0.01 ±	<.01	0.06 ±	0.02 ±	0.04 ±	0.04 ±	0.01
1996-97	0.11 ±	0.16 ±	0.04	0.02 ±	0.01	0.01 ±	0.01	0.06 ±	0.02 ±	0.02 ±	0.04 ±	0.01
1997-98	0.05 ±	0.06 ±	0.02	0.01 ±	<.01	0.01 ±	<.01	0.04 ±	0.02 ±	0.01 ±	0.03 ±	0.01
1998-99	0.02 ±	0.07 ±	0.02	0.01 ±	0.03 ±	0.03 ±	0.02	0.05 ±	0.01 ±	0.01 ±	0.03 ±	0.01
1999-2000	0.03 ±	0.11 ±	0.06	0.01 ±	0.01 ±	0.01 ±	0.01	0.06 ±	0.02 ±	0.01 ±	0.05 ±	0.02
2000-01	0.08 ±	0.09 ±	0.02	0.01 ±	<.01	0.01 ±	<.01	0.02 ±	0.01 ±	0.01 ±	0.03 ±	0.01
2001-02	0.01 ±	0.05 ±	0.02	0.01 ±	<.01	0.01 ±	<.01	0.02 ±	0.01 ±	0.01 ±	0.03 ±	0.01
2002-03	0.01 ±	0.05 ±	0.01	0.01 ±	<.01	0.01 ±	<.01	0.04 ±	0.01 ±	0.01 ±	0.02 ±	0.01
Sheepshead												
1974-76		0.01 ±	<.01	0.02 ±	0.01	0.09 ±	0.07	0.02 ±	0.02 ±	0.01 ±	0.02 ±	0.01
1976-77		0.02		0.06	0.01	0.03		0.03	0.01	0.02	0.02	0.02
1977-78		0.08		0.05	0.02	0.04		0.02	0.01	0.02	0.06	0.06
1978-79		0.02		0.05	0.01	0.02		0.03	0.01	0.03	0.02	0.02
1979-80		0.04 ±	0.03	0.03 ±	0.01	0.09 ±	0.08	0.02 ±	0.01 ±	0.11 ±	0.04 ±	0.01
1980-81		0.02 ±	0.01	0.03 ±	0.01	0.07 ±	0.04	0.09 ±	0.04 ±	0.03 ±	0.03 ±	0.01
1981-82		0.02 ±	0.01	0.06 ±	0.01	0.06 ±	0.02	0.06 ±	0.01 ±	0.05 ±	0.03 ±	0.01
1982-83		0.03 ±	0.01	0.05 ±	0.01	0.04 ±	0.02	0.15 ±	0.01 ±	0.03 ±	0.04 ±	0.01
1983-84		0.04 ±	0.02	0.03 ±	0.01	0.04 ±	0.02	0.02 ±	0.01 ±	0.03 ±	0.01 ±	0.01
1984-85		0.02 ±	<.01	0.06 ±	0.02	0.10 ±	0.08	0.02 ±	0.01 ±	0.03 ±	0.03 ±	0.01
1985-86		0.02 ±	0.01	0.04 ±	0.02	0.01 ±	0.01	0.02 ±	0.01 ±	0.01 ±	0.01 ±	0.01
1986-87		0.01 ±	<.01	0.03 ±	0.02	0.05 ±	0.03	0.01 ±	0.01 ±	0.01 ±	0.01 ±	<.01
1987-88	0.01 ±	0.02 ±	0.01	0.01 ±	0.01	0.01 ±	0.01	0.01 ±	0.01 ±	0.01 ±	0.01 ±	<.01
1988-89	0.01 ±	0.01 ±	0.01	0.01 ±	0.01	0.01 ±	0.01	0.07 ±	0.04 ±	0.04 ±	0.02 ±	0.01
1989-90	<.01 ±	0.01 ±	0.01	0.01 ±	0.01	0.01 ±	0.01	0.03 ±	0.02 ±	0.01 ±	0.01 ±	<.01
1990-91	0.03 ±	0.01 ±	0.01	0.01 ±	0.01	0.01 ±	0.01	0.02 ±	0.01 ±	0.01 ±	0.01 ±	<.01

Table B.4. (Cont'd.)

Species Year	Bay system									
	Sabine Lake*	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre	Coastwide	
Sheepshead (Cont'd.)										
1991-92	0.01 ± <.01	0.01 ± <.01	0.01 ± <.01	<.01 ± <.01	0.01 ± <.01	0.03 ± 0.01	<.01 ± 0.01	0.01 ± 0.01	0.01 ± <.01	0.01 ± <.01
1992-93	0.01 ± <.01	0.01 ± <.01	0.02 ± 0.01	<.01 ± <.01	0.01 ± <.01	0.03 ± 0.01	<.01 ± <.01	0.01 ± <.01	0.01 ± <.01	0.01 ± <.01
1993-94	0.01 ± <.01	0.01 ± <.01	0.01 ± <.01	<.01 ± <.01	0.01 ± 0.01	0.03 ± 0.01	<.01 ± <.01	<.01 ± <.01	0.01 ± <.01	0.01 ± <.01
1994-95	0.01 ± <.01	0.01 ± <.01	0.01 ± <.01	0.01 ± <.01	<.01 ± <.01	0.04 ± 0.02	<.01 ± <.01	0.01 ± <.01	0.01 ± <.01	0.01 ± <.01
1995-96	0.01 ± <.01	0.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.01 ± <.01	0.05 ± 0.02	<.01 ± <.01	0.01 ± <.01	0.01 ± <.01	0.01 ± <.01
1996-97	0.01 ± <.01	0.01 ± <.01	0.01 ± 0.01	0.01 ± <.01	0.01 ± 0.01	0.10 ± 0.05	<.01 ± <.01	<.01 ± <.01	0.02 ± <.01	0.02 ± <.01
1997-98	0.01 ± <.01	0.01 ± <.01	0.03 ± 0.01	0.01 ± <.01	0.01 ± 0.01	0.09 ± 0.03	<.01 ± <.01	0.01 ± <.01	0.02 ± <.01	0.02 ± <.01
1998-99	0.01 ± <.01	0.01 ± <.01	0.01 ± <.01	0.01 ± <.01	0.03 ± 0.02	0.09 ± 0.03	<.01 ± <.01	<.01 ± <.01	0.02 ± <.01	0.02 ± <.01
1999-2000	0.01 ± <.01	0.01 ± <.01	0.01 ± <.01	0.01 ± <.01	<.01 ± <.01	0.06 ± 0.02	<.01 ± <.01	<.01 ± <.01	0.01 ± <.01	0.01 ± <.01
2000-01	<.01 ± <.01	0.01 ± <.01	0.01 ± <.01	0.01 ± <.01	0.01 ± <.01	0.09 ± 0.04	<.01 ± <.01	<.01 ± <.01	0.01 ± <.01	0.01 ± <.01
2001-02	0.01 ± <.01	0.01 ± <.01	0.02 ± <.01	0.01 ± <.01	0.01 ± <.01	0.09 ± 0.04	<.01 ± <.01	<.01 ± <.01	0.02 ± <.01	0.02 ± <.01
2002-03	0.01 ± <.01	0.01 ± <.01	0.02 ± 0.01	0.01 ± <.01	0.01 ± <.01	0.06 ± 0.02	<.01 ± <.01	0.01 ± <.01	0.01 ± <.01	0.01 ± <.01
Southern flounder										
1974-76		0.03 ± 0.01	0.06 ± 0.03	0.03 ± 0.01	0.05 ± 0.02	0.01 ± 0.01	0.08 ± 0.03	<.01 ± <.01	0.04 ± 0.01	0.04 ± 0.01
1976-77		0.03	0.06	0.03	0.02	0.04	0.01	0.01	0.02	0.02
1977-78		0.02	0.04	0.03	0.04	0.02	0.01	0.02	0.02	0.02
1978-79		0.02	0.04	0.02	0.02	0.05	0.01	0.01	0.01	0.01
1979-80		0.22 ± 0.15	0.03 ± 0.01	0.03 ± 0.01	0.01 ± 0.01	0.02 ± 0.01	0.03 ± 0.01	0.03 ± 0.01	0.03 ± 0.01	0.12 ± 0.07
1980-81		0.03 ± 0.01	0.02 ± 0.01	0.03 ± 0.01	0.04 ± 0.02	0.10 ± 0.06	0.02 ± 0.01	0.02 ± 0.01	0.03 ± 0.01	0.03 ± 0.01
1981-82		0.02 ± 0.01	0.03 ± 0.02	0.02 ± 0.01	0.02 ± 0.01	0.06 ± 0.03	0.01 ± <.01	0.05 ± 0.01	0.02 ± <.01	0.02 ± <.01
1982-83		0.06 ± 0.02	0.02 ± 0.01	0.02 ± 0.01	0.04 ± 0.02	0.02 ± <.01	0.02 ± <.01	0.03 ± 0.01	0.04 ± 0.01	0.04 ± 0.01
1983-84		0.05 ± 0.02	0.03 ± 0.01	0.01 ± <.01	0.01 ± <.01	0.03 ± 0.01	0.01 ± <.01	0.02 ± <.01	0.03 ± 0.01	0.03 ± 0.01
1984-85		0.05 ± 0.01	0.03 ± 0.01	0.01 ± <.01	0.01 ± <.01	0.06 ± 0.02	0.02 ± 0.01	0.02 ± 0.01	0.04 ± 0.01	0.04 ± 0.01
1985-86		0.03 ± 0.01	0.02 ± 0.01	0.01 ± <.01	0.02 ± 0.01	0.03 ± 0.01	0.03 ± 0.01	0.05 ± 0.01	0.03 ± <.01	0.03 ± <.01
1986-87		0.03 ± 0.01	0.02 ± <.01	0.01 ± <.01	0.01 ± <.01	0.03 ± 0.01	0.03 ± <.01	0.04 ± 0.01	0.03 ± <.01	0.03 ± <.01
1987-88	0.09 ± 0.02	0.05 ± 0.01	0.02 ± 0.01	0.01 ± <.01	0.01 ± <.01	0.01 ± <.01	0.01 ± <.01	0.04 ± 0.01	0.04 ± 0.01	0.04 ± 0.01
1988-89	0.06 ± 0.01	0.04 ± 0.01	0.02 ± 0.01	0.01 ± <.01	0.01 ± <.01	0.01 ± <.01	0.01 ± <.01	0.01 ± <.01	0.03 ± 0.01	0.03 ± 0.01
1989-90	0.05 ± 0.01	0.03 ± 0.01	0.01 ± <.01	0.01 ± <.01	0.01 ± <.01	0.01 ± <.01	0.01 ± <.01	0.01 ± <.01	0.02 ± <.01	0.02 ± <.01
1990-91	0.05 ± 0.01	0.05 ± 0.01	0.02 ± 0.01	0.01 ± <.01	0.01 ± <.01	0.02 ± 0.02	0.02 ± 0.01	0.01 ± <.01	0.03 ± 0.01	0.03 ± 0.01
1991-92	0.07 ± 0.01	0.05 ± 0.01	0.02 ± 0.01	0.02 ± 0.01	0.01 ± <.01	0.01 ± 0.01	0.01 ± <.01	0.01 ± 0.01	0.04 ± 0.01	0.04 ± 0.01
1992-93	0.05 ± 0.01	0.05 ± 0.01	0.03 ± 0.01	0.02 ± 0.01	0.01 ± <.01	0.02 ± <.01	0.02 ± <.01	0.02 ± <.01	0.03 ± 0.01	0.03 ± 0.01
1993-94	0.06 ± 0.01	0.04 ± 0.01	0.04 ± 0.01	0.01 ± <.01	0.01 ± <.01	0.02 ± <.01	0.04 ± 0.01	0.01 ± <.01	0.04 ± 0.01	0.04 ± 0.01
1994-95	0.05 ± 0.01	0.03 ± 0.01	0.03 ± 0.01	0.01 ± <.01	0.01 ± <.01	0.01 ± <.01	<.01 ± <.01	0.01 ± <.01	0.03 ± 0.01	0.03 ± 0.01
1995-96	0.05 ± 0.01	0.04 ± 0.01	0.04 ± 0.01	0.01 ± <.01	0.01 ± <.01	0.01 ± <.01	<.01 ± <.01	0.01 ± <.01	0.02 ± <.01	0.02 ± <.01
1996-97	0.04 ± 0.01	0.04 ± 0.01	0.04 ± 0.01	0.01 ± <.01	0.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.02 ± <.01	0.02 ± <.01
1997-98	0.05 ± 0.01	0.03 ± <.01	0.02 ± <.01	0.01 ± <.01	0.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.02 ± <.01	0.02 ± <.01
1998-99	0.05 ± 0.01	0.04 ± 0.01	0.01 ± <.01	0.01 ± <.01	0.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.02 ± <.01	0.02 ± <.01
1999-2000	0.04 ± 0.01	0.03 ± 0.01	0.01 ± <.01	0.01 ± <.01	0.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.02 ± <.01	0.02 ± <.01
2000-01	0.04 ± 0.01	0.03 ± 0.01	0.02 ± <.01	0.01 ± <.01	0.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.02 ± <.01	0.02 ± <.01
2001-02	0.03 ± 0.01	0.03 ± 0.01	0.01 ± <.01	0.01 ± <.01	0.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.02 ± <.01	0.02 ± <.01
2001-02	0.03 ± 0.01	0.03 ± 0.01	0.01 ± <.01	0.01 ± <.01	0.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.02 ± <.01	0.02 ± <.01
2002-03	0.03 ± 0.01	0.03 ± 0.01	0.01 ± <.01	0.01 ± <.01	0.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.02 ± <.01	0.02 ± <.01

Table B.4. (Cont'd.)

Species Year	Bay system								
	Sabine Lake ^a	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre	Coastwide
Spotted seatrout									
1974-76		0.22 ± 0.09	0.40 ± 0.20	0.84 ± 0.24	1.41 ± 0.68	0.29 ± 0.11	0.46 ± 0.14	0.33 ± 0.10	0.42 ± 0.09
1976-77		0.16	0.10	0.33	0.76	0.68	0.87	0.71	0.47
1977-78		0.15	0.26	0.20	0.62	0.69	0.25	0.42	0.27
1978-79		0.20	0.17	0.09	0.52	0.33	0.15	0.34	0.23
1979-80		0.06 ± 0.03	0.11 ± 0.05	0.53 ± 0.24	0.49 ± 0.19	0.11 ± 0.06	0.33 ± 0.09	0.48 ± 0.16	0.19 ± 0.04
1980-81		0.38 ± 0.18	0.12 ± 0.05	0.26 ± 0.08	0.33 ± 0.09	0.15 ± 0.05	0.34 ± 0.08	0.36 ± 0.09	0.30 ± 0.07
1981-82		0.18 ± 0.05	0.31 ± 0.07	0.34 ± 0.06	0.37 ± 0.08	0.41 ± 0.08	0.28 ± 0.07	0.45 ± 0.06	0.28 ± 0.03
1982-83		0.15 ± 0.04	0.21 ± 0.04	0.22 ± 0.04	0.26 ± 0.05	0.22 ± 0.05	0.28 ± 0.04	0.45 ± 0.05	0.23 ± 0.02
1983-84		0.29 ± 0.09	0.28 ± 0.09	0.29 ± 0.05	0.18 ± 0.04	0.29 ± 0.10	0.39 ± 0.06	0.35 ± 0.04	0.30 ± 0.04
1984-85		0.06 ± 0.01	0.07 ± 0.03	0.04 ± 0.01	0.07 ± 0.04	0.06 ± 0.02	0.04 ± 0.02	0.17 ± 0.03	0.08 ± 0.01
1985-86		0.09 ± 0.03	0.14 ± 0.04	0.22 ± 0.11	0.11 ± 0.03	0.18 ± 0.06	0.16 ± 0.03	0.13 ± 0.03	0.12 ± 0.02
1986-87		0.12 ± 0.03	0.14 ± 0.05	0.19 ± 0.04	0.12 ± 0.03	0.14 ± 0.03	0.19 ± 0.03	0.21 ± 0.03	0.15 ± 0.02
1987-88	0.11 ± 0.03	0.10 ± 0.02	0.13 ± 0.03	0.18 ± 0.04	0.12 ± 0.02	0.12 ± 0.03	0.21 ± 0.04	0.18 ± 0.03	0.13 ± 0.01
1988-89	0.09 ± 0.02	0.10 ± 0.02	0.12 ± 0.03	0.16 ± 0.03	0.12 ± 0.02	0.12 ± 0.03	0.26 ± 0.05	0.21 ± 0.03	0.14 ± 0.01
1989-90	0.10 ± 0.02	0.12 ± 0.02	0.07 ± 0.02	0.13 ± 0.03	0.06 ± 0.01	0.12 ± 0.03	0.13 ± 0.03	0.11 ± 0.01	0.11 ± 0.01
1990-91	0.04 ± 0.01	0.03 ± 0.01	0.04 ± 0.01	0.04 ± 0.01	0.04 ± 0.01	0.07 ± 0.02	0.06 ± 0.02	0.12 ± 0.02	0.05 ± 0.01
1991-92	0.05 ± 0.01	0.04 ± 0.01	0.17 ± 0.07	0.14 ± 0.04	0.09 ± 0.03	0.07 ± 0.02	0.21 ± 0.04	0.16 ± 0.04	0.09 ± 0.01
1992-93	0.05 ± 0.01	0.09 ± 0.03	0.10 ± 0.02	0.14 ± 0.03	0.13 ± 0.02	0.16 ± 0.03	0.26 ± 0.06	0.21 ± 0.03	0.13 ± 0.01
1993-94	0.06 ± 0.01	0.06 ± 0.01	0.16 ± 0.03	0.18 ± 0.03	0.13 ± 0.02	0.13 ± 0.02	0.16 ± 0.03	0.18 ± 0.02	0.11 ± 0.01
1994-95	0.07 ± 0.01	0.08 ± 0.01	0.12 ± 0.02	0.19 ± 0.03	0.10 ± 0.01	0.11 ± 0.02	0.16 ± 0.02	0.15 ± 0.02	0.11 ± 0.01
1995-96	0.06 ± 0.01	0.06 ± 0.01	0.12 ± 0.02	0.16 ± 0.02	0.10 ± 0.02	0.09 ± 0.01	0.25 ± 0.04	0.20 ± 0.05	0.11 ± 0.01
1996-97	0.15 ± 0.04	0.08 ± 0.02	0.12 ± 0.03	0.15 ± 0.02	0.11 ± 0.02	0.09 ± 0.01	0.12 ± 0.02	0.14 ± 0.02	0.11 ± 0.01
1997-98	0.16 ± 0.04	0.11 ± 0.02	0.11 ± 0.02	0.16 ± 0.03	0.13 ± 0.02	0.10 ± 0.02	0.23 ± 0.03	0.13 ± 0.02	0.13 ± 0.01
1998-99	0.15 ± 0.03	0.11 ± 0.02	0.14 ± 0.03	0.18 ± 0.03	0.11 ± 0.02	0.13 ± 0.02	0.24 ± 0.05	0.13 ± 0.02	0.14 ± 0.01
1999-2000	0.15 ± 0.03	0.11 ± 0.02	0.09 ± 0.01	0.17 ± 0.03	0.12 ± 0.02	0.09 ± 0.01	0.18 ± 0.02	0.13 ± 0.01	0.13 ± 0.01
2000-01	0.15 ± 0.03	0.10 ± 0.02	0.13 ± 0.03	0.18 ± 0.03	0.12 ± 0.02	0.09 ± 0.01	0.16 ± 0.02	0.15 ± 0.02	0.13 ± 0.01
2001-02	0.17 ± 0.06	0.10 ± 0.02	0.10 ± 0.02	0.13 ± 0.02	0.08 ± 0.01	0.06 ± 0.02	0.14 ± 0.02	0.13 ± 0.02	0.11 ± 0.01
2002-03	0.08 ± 0.02	0.09 ± 0.02	0.12 ± 0.02	0.17 ± 0.03	0.14 ± 0.03	0.08 ± 0.02	0.17 ± 0.02	0.12 ± 0.02	0.11 ± 0.01
Other species									
1974-76		0.03 ± 0.02	0.01 ± 0.01	0.02 ± 0.01	0.01 ± <.01	0.05 ± 0.02	0.01 ± 0.01	0.03 ± 0.02	0.03 ± 0.01
1976-77		0.03	0.02	0.02	0.01	0.04	0.01	0.04	0.03
1977-78		0.03	0.03	0.02	0.01	0.02	0.01	0.01	0.02
1978-79		0.04	0.02	0.01	0.01	0.04	<.01	<.01	0.02
1979-80		0.03 ± 0.02	0.02 ± 0.01	0.01 ± 0.01	0.01 ± <.01	0.13 ± 0.11	0.11 ± 0.10	0.02 ± 0.01	0.05 ± 0.02
1980-81		0.05 ± 0.01	0.02 ± 0.01	0.01 ± 0.01	0.01 ± 0.01	0.09 ± 0.06	0.02 ± 0.01	0.01 ± 0.01	0.04 ± 0.01
1981-82		0.05 ± 0.02	0.02 ± 0.01	0.01 ± 0.01	0.02 ± 0.01	0.05 ± 0.01	0.01 ± <.01	0.01 ± <.01	0.03 ± 0.01
1982-83		0.05 ± 0.01	0.02 ± <.01	0.02 ± <.01	0.05 ± 0.01	0.10 ± 0.03	0.01 ± 0.01	0.02 ± <.01	0.04 ± <.01
1983-84		0.05 ± 0.02	0.02 ± 0.01	0.03 ± 0.01	0.07 ± 0.02	0.08 ± 0.03	0.02 ± <.01	0.02 ± 0.01	0.05 ± 0.01
1984-85		0.02 ± <.01	0.02 ± 0.01	0.03 ± 0.01	0.01 ± 0.01	0.02 ± 0.01	0.01 ± <.01	0.04 ± 0.02	0.02 ± <.01
1985-86		0.07 ± 0.03	0.09 ± 0.05	0.01 ± <.01	<.01 ± <.01	0.04 ± 0.01	0.02 ± 0.01	0.01 ± <.01	0.04 ± 0.01
1986-87		0.04 ± 0.01	0.02 ± 0.01	0.01 ± 0.01	0.01 ± <.01	0.02 ± 0.01	0.02 ± 0.01	0.04 ± 0.01	0.03 ± <.01

Table B.4. (Cont'd.)

Species Year	Bay system											
	Sabine Lake ^a	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre	Coastwide			
Other species (Cont'd.)												
1987-88	0.04 ±	0.02	0.04 ±	0.01	0.02	0.04 ±	0.01	0.03 ±	0.01	0.04 ±	0.01	
1988-89	0.07 ±	0.03	0.04 ±	0.02	0.01	0.05 ±	0.04	0.03 ±	0.01	0.04 ±	0.01	
1989-90	0.05 ±	0.02	0.03 ±	0.01	0.01	0.05 ±	0.02	0.02 ±	0.01	0.03 ±	0.01	
1990-91	0.09 ±	0.03	0.03 ±	0.01	0.01	0.02 ±	0.01	0.04 ±	0.01	0.05 ±	0.01	
1991-92	0.02 ±	0.01	0.02 ±	0.01	0.03 ±	0.02 ±	0.01	0.01 ±	0.01	0.03 ±	<.01	
1992-93	0.09 ±	0.04	0.04 ±	0.01	0.02 ±	0.03 ±	0.01	0.02 ±	0.01	0.03 ±	<.01	
1993-94	0.06 ±	0.02	0.03 ±	0.01	0.01 ±	0.02 ±	0.01	0.04 ±	0.01	0.04 ±	<.01	
1994-95	0.06 ±	0.01	0.08 ±	0.02	0.03 ±	0.03 ±	0.01	0.03 ±	0.01	0.05 ±	0.01	
1995-96	0.12 ±	0.06	0.03 ±	0.01	0.03 ±	0.02 ±	0.01	0.02 ±	0.01	0.03 ±	0.01	
1996-97	0.14 ±	0.09	0.04 ±	0.02	0.05 ±	0.02 ±	0.01	0.03 ±	0.01	0.04 ±	0.01	
1997-98	0.05 ±	0.02	0.08 ±	0.03	0.04 ±	0.02 ±	0.01	0.02 ±	0.01	0.04 ±	0.01	
1998-99	0.04 ±	0.01	0.06 ±	0.02	0.03 ±	0.02 ±	0.01	0.05 ±	0.04	0.04 ±	0.01	
1999-2000	0.05 ±	0.02	0.04 ±	0.01	0.02 ±	0.02 ±	0.01	0.02 ±	0.01	0.03 ±	<.01	
2000-01	0.06 ±	0.02	0.02 ±	0.01	0.05 ±	0.04 ±	0.01	0.02 ±	0.01	0.03 ±	0.01	
2001-02	0.02 ±	0.01	0.04 ±	0.03	0.01 ±	0.04 ±	0.01	0.04 ±	0.02	0.04 ±	0.01	
2002-03	0.04 ±	0.01	0.05 ±	0.02	0.01 ±	0.01 ±	0.01	0.02 ±	0.01	0.02 ±	0.01	
All species combined ^b												
1974-76			0.75 ±	0.35	1.09 ±	0.28	1.69 ±	0.71	0.89 ±	0.27	0.90 ±	0.13
1976-77			0.60		0.64		1.06		1.53		1.08	0.88
1977-78			0.62		0.39		0.85		1.14		0.44	0.63
1978-79			0.49		0.25		0.64		0.67		0.40	0.48
1979-80			0.31 ±	0.13	0.72 ±	0.25	0.72 ±	0.25	0.53 ±	0.30	0.79 ±	0.26
1980-81			0.43 ±	0.16	0.39 ±	0.11	0.54 ±	0.13	1.27 ±	0.85	0.47 ±	0.12
1981-82			0.62 ±	0.12	0.56 ±	0.09	0.57 ±	0.10	0.98 ±	0.17	0.38 ±	0.09
1982-83			0.49 ±	0.08	0.39 ±	0.06	0.50 ±	0.10	0.84 ±	0.16	0.39 ±	0.07
1983-84			0.71 ±	0.15	0.53 ±	0.08	0.48 ±	0.09	0.87 ±	0.20	0.53 ±	0.07
1984-85			0.44 ±	0.07	0.22 ±	0.04	0.28 ±	0.11	0.28 ±	0.06	0.13 ±	0.06
1985-86			0.64 ±	0.17	0.35 ±	0.12	0.24 ±	0.04	0.44 ±	0.10	0.31 ±	0.12
1986-87			0.49 ±	0.09	0.32 ±	0.06	0.26 ±	0.05	0.41 ±	0.07	0.31 ±	0.05
1987-88	0.58 ±	0.12	0.33 ±	0.06	0.31 ±	0.07	0.24 ±	0.04	0.53 ±	0.13	0.30 ±	0.06
1988-89	0.48 ±	0.07	0.43 ±	0.09	0.25 ±	0.05	0.25 ±	0.05	0.30 ±	0.06	0.35 ±	0.04
1989-90	0.44 ±	0.09	0.41 ±	0.07	0.32 ±	0.06	0.11 ±	0.02	0.25 ±	0.05	0.21 ±	0.04
1990-91	0.50 ±	0.09	0.36 ±	0.07	0.17 ±	0.04	0.16 ±	0.06	0.21 ±	0.05	0.19 ±	0.06
1991-92	0.37 ±	0.07	0.46 ±	0.09	0.27 ±	0.07	0.18 ±	0.05	0.30 ±	0.06	0.32 ±	0.07
1992-93	0.45 ±	0.07	0.44 ±	0.12	0.28 ±	0.05	0.29 ±	0.04	0.37 ±	0.05	0.38 ±	0.08
1993-94	0.46 ±	0.07	0.34 ±	0.05	0.32 ±	0.05	0.30 ±	0.04	0.33 ±	0.04	0.30 ±	0.06

Table B.4. (Cont'd.)

Species Year	Bay system									
	Sabine Lake ^a	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre	Coastwide	
All species combined ^b (Cont'd.)										
1994-95	0.41 ± 0.06	0.38 ± 0.06	0.34 ± 0.05	0.33 ± 0.04	0.23 ± 0.03	0.38 ± 0.06	0.31 ± 0.04	0.32 ± 0.04	0.35 ± 0.02	
1995-96	0.55 ± 0.15	0.32 ± 0.05	0.28 ± 0.04	0.29 ± 0.04	0.20 ± 0.03	0.30 ± 0.05	0.34 ± 0.06	0.35 ± 0.07	0.32 ± 0.02	
1996-97	0.70 ± 0.16	0.46 ± 0.07	0.28 ± 0.06	0.27 ± 0.04	0.20 ± 0.03	0.33 ± 0.07	0.23 ± 0.04	0.29 ± 0.05	0.38 ± 0.03	
1997-98	0.56 ± 0.10	0.36 ± 0.05	0.30 ± 0.05	0.28 ± 0.05	0.23 ± 0.03	0.32 ± 0.05	0.32 ± 0.04	0.27 ± 0.05	0.33 ± 0.02	
1998-99	0.44 ± 0.08	0.40 ± 0.07	0.31 ± 0.05	0.29 ± 0.04	0.24 ± 0.04	0.36 ± 0.06	0.31 ± 0.06	0.23 ± 0.04	0.34 ± 0.03	
1999-2000	0.40 ± 0.06	0.38 ± 0.08	0.22 ± 0.03	0.27 ± 0.04	0.23 ± 0.03	0.30 ± 0.04	0.28 ± 0.03	0.23 ± 0.03	0.31 ± 0.03	
2000-01	0.49 ± 0.08	0.40 ± 0.07	0.26 ± 0.04	0.31 ± 0.06	0.20 ± 0.03	0.30 ± 0.05	0.24 ± 0.03	0.25 ± 0.04	0.32 ± 0.02	
2001-02	0.45 ± 0.09	0.35 ± 0.05	0.24 ± 0.05	0.22 ± 0.03	0.19 ± 0.03	0.27 ± 0.05	0.20 ± 0.03	0.23 ± 0.03	0.28 ± 0.02	
2002-03	0.30 ± 0.05	0.27 ± 0.05	0.30 ± 0.06	0.28 ± 0.04	0.22 ± 0.03	0.28 ± 0.07	0.23 ± 0.03	0.28 ± 0.06	0.27 ± 0.02	

^a Data collected during 1974-76 are not available in comparable format; see Breuer et al. (1977) and Heffernan and Green (1977) for information on these data.

^b Due to rounding of numbers, these totals may not exactly equal sum of individual totals.

Table B.5. Estimated annual mean total lengths of fishes (mm/fish) \pm 1 SE caught by private-boat anglers in Texas bays and passes by bay system, species, and year (1983-2003). Blank mean values indicate no fish measured. Blank standard errors indicate fish measured on only one survey day.

Species	Year	Bay system									
		Sabine Lake	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre	Coastwide	
Atlantic croaker											
1983-84			253 \pm 5	232 \pm 3	230 \pm 5	284 \pm 5	289 \pm 5	290 \pm 3	259 \pm 7	275 \pm 2	
1984-85			235 \pm 4	217 \pm 6	215 \pm 14	261	255 \pm 6	243 \pm 15	234 \pm 5	236 \pm 3	
1985-86			230 \pm 5	226 \pm 5	260 \pm 11	266 \pm 11	241 \pm 2	258 \pm 4	227 \pm 4	236 \pm 3	
1986-87			248 \pm 6	223 \pm 5	208 \pm 5	231 \pm 12	250 \pm 7	268 \pm 3	249 \pm 8	250 \pm 4	
1987-88		230 \pm 1	247 \pm 4	234 \pm 2	231 \pm 2	232 \pm 7	259 \pm 6	278 \pm 6	247 \pm 5	240 \pm 1	
1988-89		241 \pm 4	248 \pm 6	228 \pm 5	236 \pm 12	294 \pm 2	294 \pm 3	297 \pm 8	239 \pm 13	250 \pm 3	
1989-90		263 \pm 6	242 \pm 3	235 \pm 8	221 \pm 1	224	239 \pm 13	302 \pm 8	224 \pm 4	258 \pm 4	
1990-91		238 \pm 4	241 \pm 10	242 \pm 4	234 \pm 9	256 \pm 11	228 \pm 12	248 \pm 3	240 \pm 7	239 \pm 5	
1991-92		236 \pm 4	222 \pm 5	238 \pm 5	209 \pm 6	252 \pm 9	259 \pm 2	250 \pm 5	228 \pm 11	234 \pm 3	
1992-93		238 \pm 5	233 \pm 3	241 \pm 3	214 \pm 6	251 \pm 7	256 \pm 5	280 \pm 6	267 \pm 5	240 \pm 3	
1993-94		229 \pm 4	240 \pm 4	253 \pm 7	250 \pm 6	257 \pm 22	266 \pm 7	292 \pm 8	255 \pm 8	240 \pm 2	
1994-95		236 \pm 3	244 \pm 9	259 \pm 6	255 \pm 3	278 \pm 3	298 \pm 6	294 \pm 4	226 \pm 11	243 \pm 3	
1995-96		239 \pm 4	260 \pm 7	262 \pm 4	252 \pm 8	254 \pm 3	304 \pm 9	283 \pm 3	242 \pm 6	255 \pm 3	
1996-97		247 \pm 4	242 \pm 4	262 \pm 7	273 \pm 12	260 \pm 10	314 \pm 4	303 \pm 6	255 \pm 21	252 \pm 3	
1997-98		245 \pm 8	241 \pm 5	257 \pm 3	250 \pm 13	213 \pm 15	292 \pm 5	282 \pm 8	217 \pm 7	248 \pm 4	
1998-99		251 \pm 5	245 \pm 6	261 \pm 3	234 \pm 5	236 \pm 6	291 \pm 4	271 \pm 4	209 \pm 18	250 \pm 4	
1999-2000		244 \pm 3	249 \pm 3	262 \pm 4	270	257 \pm 4	287 \pm 4	267 \pm 3	256 \pm 9	254 \pm 2	
2000-01		250 \pm 3	262 \pm 9	258 \pm 4	235 \pm 7	266	300 \pm 6	273 \pm 6	277 \pm 10	258 \pm 5	
2001-02		258 \pm 8	255 \pm 4	248 \pm 4	254 \pm 2	297 \pm 13	292 \pm 7	274 \pm 7	268 \pm 7	258 \pm 4	
2002-03		243 \pm 4	249 \pm 4	263 \pm 6	272 \pm 11	275 \pm 16	265 \pm 12	273 \pm 11	233 \pm 21	250 \pm 3	
Black drum											
1983-84			441 \pm 27	330 \pm 8	370 \pm 8	358 \pm 15	378 \pm 8	397 \pm 12	356 \pm 21	376 \pm 7	
1984-85			465 \pm 16	416 \pm 33	306 \pm 9	345 \pm 11	373 \pm 7	343 \pm 1	377 \pm 26	417 \pm 10	
1985-86			545 \pm 8	434 \pm 50	287 \pm 5	371 \pm 12	480 \pm 26	362 \pm 7	340 \pm 30	443 \pm 8	
1986-87			439 \pm 24	356 \pm 23	386 \pm 25	429 \pm 26	354 \pm 8	398 \pm 12	358 \pm 40	391 \pm 13	
1987-88		407 \pm 17	487 \pm 10	342 \pm 21	419 \pm 23	375 \pm 19	380 \pm 17	358 \pm 9	450 \pm 40	419 \pm 7	
1988-89		489 \pm 21	363 \pm 13	379 \pm 14	456 \pm 3	422 \pm 16	374 \pm 16	360 \pm 7	418 \pm 7	401 \pm 5	
1989-90		412 \pm 23	378 \pm 12	442 \pm 28	422 \pm 11	424 \pm 5	463 \pm 12	420 \pm 12	410 \pm 12	417 \pm 6	
1990-91		430 \pm 6	416 \pm 12	408 \pm 16	468 \pm 35	417 \pm 7	464 \pm 9	456 \pm 21	449 \pm 13	436 \pm 4	
1991-92		418 \pm 9	424 \pm 19	411 \pm 12	444 \pm 11	433 \pm 5	421 \pm 8	420 \pm 15	450 \pm 15	423 \pm 6	
1992-93		456 \pm 8	424 \pm 14	417 \pm 7	439 \pm 9	406 \pm 6	415 \pm 6	406 \pm 7	425 \pm 21	423 \pm 3	
1993-94		433 \pm 7	437 \pm 10	407 \pm 11	458 \pm 9	424 \pm 7	439 \pm 4	412 \pm 2	413 \pm 4	424 \pm 2	
1994-95		423 \pm 9	444 \pm 15	457 \pm 15	509 \pm 11	459 \pm 5	455 \pm 6	424 \pm 3	433 \pm 4	438 \pm 2	
1995-96		429 \pm 9	439 \pm 14	410 \pm 10	426 \pm 8	436 \pm 8	481 \pm 9	458 \pm 5	487 \pm 12	453 \pm 3	
1996-97		444 \pm 6	463 \pm 14	441 \pm 16	459 \pm 11	445 \pm 9	491 \pm 11	481 \pm 6	522 \pm 11	470 \pm 3	
1997-98		425 \pm 7	433 \pm 17	428 \pm 9	449 \pm 10	437 \pm 5	497 \pm 7	454 \pm 11	494 \pm 17	448 \pm 4	
1998-99		436 \pm 8	402 \pm 22	420 \pm 14	458 \pm 18	416 \pm 5	468 \pm 11	425 \pm 5	487 \pm 32	432 \pm 4	
1999-2000		454 \pm 10	442 \pm 16	439 \pm 17	429 \pm 7	415 \pm 4	456 \pm 13	503 \pm 11	465 \pm 9	464 \pm 5	
2000-01		429 \pm 5	424 \pm 15	411 \pm 6	435 \pm 5	432 \pm 12	452 \pm 12	452 \pm 6	463 \pm 17	435 \pm 3	

Table B.5. (Cont'd.)

Species Year	Bay system								
	Sabine Lake	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre	Coastwide
Black drum (Cont'd.)									
2001-02	436 ± 7	433 ± 13	458 ± 12	418 ± 4	428 ± 4	444 ± 8	481 ± 10	535 ± 23	446 ± 4
2002-03	459 ± 6	457 ± 10	448 ± 9	438 ± 8	439 ± 5	464 ± 17	494 ± 14	529 ± 16	460 ± 3
Gafftopsail catfish									
1983-84		394 ± 11	505 ± 7	466 ± 4	478 ± 14	519 ± 8	435	439 ± 6	486 ± 4
1984-85		463 ± 16	468 ± 8	437 ± 6	478 ± 38	508 ± 15		247	465 ± 5
1985-86		453 ± 8	468 ± 3	428 ± 13	466 ± 9	482 ± 18	530		462 ± 4
1986-87		398 ± 8	453 ± 7	480 ± 11	369 ± 28	490 ± 8		306 ± 26	449 ± 4
1987-88	427 ± 18	500 ± 5	470 ± 9	474 ± 5	430	564 ± 9		366 ± <1	478 ± 5
1988-89	470 ± 13	483 ± 10	481 ± 15	539 ± 11	488 ± 121	537 ± 34		341	493 ± 7
1989-90	365 ± 5	467 ± 8	504 ± 25	483 ± 8	460 ± 13	535 ± 4			484 ± 10
1990-91	453 ± 27	438 ± 21	521 ± 8	512 ± 20	511 ± 23	510 ± 20	451	386	490 ± 9
1991-92	448 ± 5	425 ± 15	528 ± 23	484 ± 30	551	480 ± 20	551	366 ± 76	478 ± 8
1992-93	434 ± 11	418 ± 8	518 ± 8	553 ± 6	487 ± 21	355 ± 23		330	498 ± 4
1993-94	474 ± 22	452 ± 12	461 ± 8	462 ± 19	494 ± 26	509 ± 15		482	469 ± 7
1994-95	452 ± 14	482 ± 8	498 ± 9	471 ± 12	466 ± 16	522 ± 33	320	313	484 ± 6
1995-96	406 ± 17	444 ± 17	523 ± 10	498 ± 25	471 ± 17	490 ± 17		360	487 ± 7
1996-97	531 ± 19	465 ± 17	478 ± 12	502 ± 10	398 ± 3	483 ± 21		389	491 ± 6
1997-98	486 ± 8	473 ± 30	468 ± 11	459 ± 13	445 ± 9	537 ± 16	451	423	470 ± 6
1998-99	489 ± 8	473 ± 26	513 ± 5	525 ± 15	463 ± 15	512 ± 14	474 ± 1	440 ± 5	505 ± 5
1999-2000	492 ± 14	485 ± 14	548 ± 10	532 ± 6	507 ± 27	530 ± 9		316	524 ± 5
2000-01	473 ± 7	447 ± 10	539 ± 8	552 ± 9	466 ± 25	473 ± 16	397		495 ± 5
2001-02	494 ± 19	473 ± 13	515 ± 12	487 ± 13	422 ± 18	514 ± 7	476	507	498 ± 6
2002-03	497 ± 18	492 ± 18	533 ± 15	543 ± 10	478 ± 15	510 ± 11	468	471 ± 38	519 ± 6
Red drum									
1983-84		537 ± 16	492 ± 8	499 ± 4	491 ± 7	493 ± 7	511 ± 6	510 ± 7	504 ± 3
1984-85		551 ± 10	536 ± 8	528 ± 7	516 ± 14	531 ± 8	535 ± 13	564 ± 6	546 ± 4
1985-86		567 ± 19	540 ± 9	542 ± 6	539 ± 6	542 ± 8	538 ± 3	551 ± 5	545 ± 3
1986-87		565 ± 12	524 ± 5	516 ± 4	571 ± 10	549 ± 5	528 ± 5	558 ± 4	546 ± 2
1987-88	544 ± 8	581 ± 16	555 ± 7	555 ± 4	572 ± 9	559 ± 6	555 ± 4	574 ± 2	563 ± 2
1988-89	589 ± 7	569 ± 11	560 ± 8	561 ± 4	583 ± 6	573 ± 5	590 ± 5	582 ± 3	579 ± 2
1989-90	565 ± 8	564 ± 6	570 ± 4	571 ± 3	605 ± 5	590 ± 4	597 ± 6	591 ± 3	585 ± 2
1990-91	584 ± 7	597 ± 10	608 ± 9	593 ± 5	601 ± 6	592 ± 4	612 ± 8	603 ± 3	598 ± 2
1991-92	597 ± 10	583 ± 22	596 ± 7	571 ± 4	590 ± 4	568 ± 6	575 ± 5	584 ± 4	581 ± 2
1992-93	553 ± 5	556 ± 7	576 ± 4	572 ± 5	572 ± 4	576 ± 4	558 ± 3	585 ± 4	571 ± 2
1993-94	589 ± 4	577 ± 6	569 ± 4	569 ± 4	581 ± 2	582 ± 3	599 ± 3	585 ± 2	581 ± 1
1994-95	582 ± 4	594 ± 10	579 ± 3	582 ± 2	583 ± 2	599 ± 5	608 ± 3	585 ± 3	590 ± 1
1995-96	619 ± 23	617 ± 12	587 ± 5	583 ± 3	577 ± 3	594 ± 3	631 ± 3	603 ± 2	597 ± 2
1996-97	650 ± 13	649 ± 23	576 ± 6	567 ± 4	570 ± 4	604 ± 7	598 ± 6	602 ± 3	593 ± 3
1997-98	590 ± 6	600 ± 8	590 ± 5	581 ± 3	578 ± 2	590 ± 4	607 ± 3	596 ± 3	590 ± 1
1998-99	601 ± 9	633 ± 19	575 ± 7	583 ± 2	579 ± 3	593 ± 3	607 ± 3	585 ± 3	589 ± 2

Table B.5. (Cont'd.)

Species Year	Bay system									
	Sabine Lake	Galveston	Matagorda	San Antonio	Aranzas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre	Coastwide	
Sheepshead (Cont'd.)										
1998-99	415 ± 5	401 ± 7	417 ± 11	407 ± 7	412 ± 12	414 ± 2	453 ± 12	423 ± 8	414 ± 2	
1999-2000	426 ± 4	404 ± 5	406 ± 4	426 ± 4	392 ± 8	391 ± 7	440 ± 5	420 ± 9	399 ± 5	
2000-01	413 ± 4	403 ± 3	405 ± 7	413 ± 11	409 ± 12	432 ± 19	464 ± 9	372 ± 18	426 ± 15	
2001-02	418 ± 3	427 ± 5	395 ± 5	406 ± 6	397 ± 7	394 ± 8	436 ± 13	403 ± 8	400 ± 5	
2002-03	421 ± 19	414 ± 3	412 ± 7	431 ± 9	401 ± 8	407 ± 4	457 ± 11	395 ± 21	410 ± 3	
Southern flounder										
1983-84		349 ± 5	346 ± 5	376 ± 5	340 ± 9	347 ± 6	384 ± 7	383 ± 6	363 ± 2	
1984-85		357 ± 4	341 ± 6	369 ± 4	344 ± 4	346 ± 6	344 ± 8	326 ± 6	348 ± 3	
1985-86		348 ± 6	316 ± 5	385 ± 12	355 ± 4	341 ± 5	367 ± 3	360 ± 4	356 ± 2	
1986-87		351 ± 4	363 ± 5	367 ± 8	364 ± 9	375 ± 5	380 ± 4	399 ± 4	379 ± 2	
1987-88	316 ± 3	364 ± 10	346 ± 6	369 ± 6	334 ± 9	337 ± 5	412 ± 5	397 ± 5	355 ± 4	
1988-89	346 ± 4	372 ± 4	356 ± 6	379 ± 5	361 ± 5	378 ± 7	395 ± 6	377 ± 6	364 ± 2	
1989-90	369 ± 4	366 ± 4	376 ± 6	383 ± 4	375 ± 6	385 ± 7	404 ± 4	384 ± 5	378 ± 2	
1990-91	356 ± 4	377 ± 5	387 ± 4	379 ± 15	368 ± 12	388 ± 6	385 ± 11	388 ± 7	372 ± 2	
1991-92	358 ± 2	377 ± 6	377 ± 4	375 ± 5	373 ± 4	376 ± 4	392 ± 3	371 ± 4	372 ± 1	
1992-93	362 ± 2	398 ± 4	379 ± 3	391 ± 5	378 ± 4	400 ± 5	436 ± 5	399 ± 5	387 ± 1	
1993-94	366 ± 4	389 ± 6	410 ± 3	394 ± 3	396 ± 4	394 ± 5	384 ± 8	415 ± 5	390 ± 2	
1994-95	375 ± 3	387 ± 4	376 ± 3	389 ± 3	384 ± 5	374 ± 4	397 ± 9	417 ± 5	382 ± 1	
1995-96	360 ± 3	369 ± 3	388 ± 4	377 ± 5	366 ± 4	376 ± 9	401 ± 10	404 ± 5	376 ± 2	
1996-97	396 ± 4	391 ± 5	396 ± 4	403 ± 5	381 ± 6	386 ± 8	400 ± 15	417 ± 7	395 ± 2	
1997-98	385 ± 3	385 ± 4	401 ± 3	387 ± 6	404 ± 11	406 ± 6	398 ± 5	403 ± 3	393 ± 2	
1998-99	386 ± 3	412 ± 2	406 ± 2	394 ± 5	393 ± 5	408 ± 7	414 ± 6	413 ± 3	404 ± 1	
1999-2000	390 ± 3	403 ± 3	403 ± 3	404 ± 3	405 ± 5	411 ± 7	426 ± 6	424 ± 3	404 ± 1	
2000-01	395 ± 3	408 ± 3	417 ± 3	401 ± 4	397 ± 5	406 ± 6	415 ± 6	416 ± 3	406 ± 1	
2001-02	386 ± 5	411 ± 3	414 ± 7	398 ± 6	392 ± 4	407 ± 6	423 ± 9	416 ± 6	405 ± 2	
2002-03	383 ± 2	396 ± 2	403 ± 4	404 ± 6	393 ± 4	398 ± 4	416 ± 5	400 ± 3	399 ± 1	
Spotted seatrout										
1983-84		436 ± 6	391 ± 5	387 ± 4	368 ± 4	392 ± 5	396 ± 2	402 ± 3	398 ± 2	
1984-85		450 ± 5	408 ± 4	412 ± 5	412 ± 3	425 ± 6	395 ± 3	405 ± 3	417 ± 2	
1985-86		435 ± 7	408 ± 4	403 ± 4	406 ± 3	409 ± 3	404 ± 2	422 ± 3	414 ± 1	
1986-87		430 ± 6	404 ± 4	404 ± 2	408 ± 2	418 ± 3	415 ± 2	425 ± 2	417 ± 1	
1987-88	410 ± 5	438 ± 4	406 ± 5	411 ± 3	413 ± 3	423 ± 7	431 ± 3	427 ± 2	423 ± 1	
1988-89	430 ± 4	433 ± 3	414 ± 5	411 ± 3	410 ± 3	406 ± 2	427 ± 2	429 ± 2	423 ± 1	
1989-90	410 ± 5	420 ± 5	422 ± 4	417 ± 3	423 ± 4	426 ± 3	439 ± 2	422 ± 3	425 ± 1	
1990-91	423 ± 5	426 ± 4	430 ± 4	422 ± 4	430 ± 3	431 ± 3	448 ± 5	428 ± 2	429 ± 1	
1991-92	409 ± 4	434 ± 7	427 ± 4	420 ± 2	424 ± 3	428 ± 2	434 ± 3	438 ± 3	429 ± 1	
1992-93	420 ± 3	430 ± 2	441 ± 4	425 ± 2	428 ± 2	429 ± 3	453 ± 2	448 ± 3	439 ± 1	
1993-94	437 ± 3	434 ± 3	436 ± 5	426 ± 2	430 ± 2	431 ± 2	447 ± 3	451 ± 2	438 ± 1	
1994-95	427 ± 3	432 ± 2	431 ± 2	422 ± 1	428 ± 1	438 ± 2	443 ± 3	450 ± 2	434 ± 1	
1995-96	428 ± 4	434 ± 5	441 ± 3	439 ± 2	431 ± 2	434 ± 2	428 ± 3	451 ± 3	435 ± 1	

Table B.5. (Cont'd.)

Species Year	Bay system									
	Sabine Lake	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre	Coastwide	
Spotted seatrout (Cont'd.)										
1996-97	425 ± 3	434 ± 5	443 ± 2	432 ± 2	424 ± 3	439 ± 3	428 ± 2	446 ± 3	434 ± 1	
1997-98	433 ± 3	440 ± 3	445 ± 2	435 ± 2	429 ± 1	433 ± 3	425 ± 1	436 ± 2	433 ± 1	
1998-99	429 ± 3	444 ± 3	448 ± 2	432 ± 2	428 ± 2	437 ± 2	434 ± 2	444 ± 3	437 ± 1	
1999-2000	440 ± 5	448 ± 5	444 ± 2	431 ± 2	433 ± 2	438 ± 3	436 ± 2	447 ± 2	439 ± 1	
2000-01	430 ± 3	442 ± 4	438 ± 2	431 ± 1	432 ± 2	440 ± 3	437 ± 2	447 ± 2	437 ± 1	
2001-02	434 ± 4	443 ± 3	445 ± 3	435 ± 2	433 ± 2	435 ± 3	433 ± 2	448 ± 3	439 ± 1	
2002-03	447 ± 3	447 ± 4	442 ± 2	430 ± 2	433 ± 2	441 ± 5	431 ± 2	443 ± 2	438 ± 1	

Table B.6. Estimated annual mean whole weights of fishes (kg/fish) \pm 1 SE caught by private-boat anglers in Texas bays and passes by bay system, species, and year (1974-2003). Weights after 1982-83 derived from conversion of length measurements. Blank mean values indicate no fish weighed or measured. Blank standard errors indicate fish weighed or measured on only one survey day.

Species Year	Bay system									
	Sabine Lake *	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre	Coastwide	
Atlantic croaker										
1974-76		0.18 \pm 0.07	0.24 \pm 0.18	0.24 \pm 0.11	0.15 \pm 0.02	0.27 \pm 0.10	0.33 \pm 0.11	0.30 \pm 0.09	0.23 \pm 0.08	
1976-77		0.23 \pm 0.08	0.14 \pm 0.03	0.26 \pm 0.03	0.22 \pm 0.07	0.26 \pm 0.08	0.24 \pm 0.10	0.48 \pm 0.16	0.24 \pm 0.04	
1977-78		0.22 \pm 0.09	0.14 \pm 0.10	0.37 \pm 0.12	0.27 \pm 0.14	0.21 \pm 0.11	0.29 \pm 0.06	0.23 \pm 0.04	0.22 \pm 0.06	
1978-79		0.18 \pm 0.14	0.18 \pm 0.14	0.23 \pm 0.03	0.12 \pm 0.03	0.26 \pm 0.10	0.35 \pm 0.18	0.25 \pm 0.09	0.22 \pm 0.14	
1979-80		0.20 \pm 0.12	0.18 \pm 0.11	0.30 \pm 0.07	0.13 \pm 0.08	0.20 \pm 0.06	0.25 \pm 0.06	0.22 \pm 0.06	0.21 \pm 0.06	
1980-81		0.21 \pm 0.09	0.16 \pm 0.03	0.24 \pm 0.12	0.29 \pm 0.07	0.30 \pm 0.08	0.27 \pm 0.09	0.21 \pm 0.05	0.23 \pm 0.06	
1981-82		0.18 \pm 0.04	0.16 \pm 0.02	0.14 \pm 0.11	0.26 \pm 0.02	0.32 \pm 0.18	0.27 \pm 0.05	0.28 \pm 0.04	0.27 \pm 0.09	
1982-83		0.21 \pm 0.04	0.16 \pm 0.02	0.22 \pm 0.05	0.27 \pm 0.07	0.34 \pm 0.09	0.30 \pm 0.06	0.27 \pm 0.09	0.26 \pm 0.04	
1983-84		0.23 \pm 0.02	0.17 \pm 0.01	0.17 \pm 0.01	0.34 \pm 0.02	0.35 \pm 0.02	0.35 \pm 0.01	0.25 \pm 0.02	0.30 \pm 0.01	
1984-85		0.19 \pm 0.01	0.14 \pm 0.01	0.14 \pm 0.03	0.25	0.23 \pm 0.02	0.22 \pm 0.04	0.18 \pm 0.01	0.30 \pm 0.01	
1985-86		0.17 \pm 0.01	0.16 \pm 0.01	0.26 \pm 0.04	0.27 \pm 0.03	0.20 \pm 0.01	0.24 \pm 0.01	0.16 \pm 0.01	0.19 \pm 0.01	
1986-87		0.22 \pm 0.02	0.16 \pm 0.01	0.12 \pm 0.01	0.17 \pm 0.03	0.22 \pm 0.02	0.27 \pm 0.01	0.22 \pm 0.02	0.22 \pm 0.01	
1987-88	0.16 \pm <.01	0.21 \pm 0.01	0.17 \pm <.01	0.16 \pm 0.01	0.18 \pm 0.02	0.25 \pm 0.02	0.31 \pm 0.02	0.21 \pm 0.02	0.22 \pm 0.01	
1988-89	0.20 \pm 0.01	0.21 \pm 0.02	0.16 \pm 0.01	0.12 \pm 0.01	0.18 \pm 0.02	0.26 \pm 0.01	0.40 \pm 0.03	0.20 \pm 0.03	0.23 \pm 0.01	
1989-90	0.27 \pm 0.02	0.20 \pm 0.01	0.17 \pm 0.01	0.19 \pm 0.03	0.38 \pm 0.01	0.35 \pm 0.01	0.42 \pm 0.04	0.20 \pm 0.03	0.25 \pm 0.01	
1990-91	0.19 \pm 0.02	0.21 \pm 0.03	0.18 \pm 0.02	0.14 \pm <.01	0.15	0.20 \pm 0.04	0.42 \pm 0.03	0.15 \pm 0.01	0.25 \pm 0.01	
1991-92	0.18 \pm 0.01	0.15 \pm 0.01	0.19 \pm 0.01	0.17 \pm 0.02	0.25 \pm 0.04	0.17 \pm 0.02	0.21 \pm 0.01	0.20 \pm 0.02	0.19 \pm 0.01	
1992-93	0.19 \pm 0.01	0.18 \pm 0.01	0.18 \pm 0.01	0.13 \pm 0.01	0.22 \pm 0.02	0.24 \pm 0.01	0.22 \pm 0.01	0.18 \pm 0.02	0.18 \pm 0.01	
1993-94	0.17 \pm 0.01	0.19 \pm 0.01	0.23 \pm 0.02	0.22 \pm 0.02	0.35 \pm 0.18	0.28 \pm 0.02	0.32 \pm 0.02	0.27 \pm 0.02	0.20 \pm 0.01	
1994-95	0.18 \pm 0.01	0.21 \pm 0.02	0.24 \pm 0.02	0.23 \pm 0.01	0.31 \pm 0.01	0.39 \pm 0.02	0.36 \pm 0.03	0.24 \pm 0.02	0.20 \pm 0.01	
1995-96	0.19 \pm 0.01	0.25 \pm 0.02	0.26 \pm 0.01	0.24 \pm 0.03	0.25 \pm 0.01	0.44 \pm 0.04	0.37 \pm 0.02	0.17 \pm 0.03	0.21 \pm 0.01	
1996-97	0.21 \pm 0.01	0.20 \pm 0.01	0.26 \pm 0.02	0.29 \pm 0.04	0.25 \pm 0.02	0.46 \pm 0.02	0.41 \pm 0.02	0.32 \pm 0.13	0.24 \pm 0.01	
1997-98	0.21 \pm 0.03	0.20 \pm 0.01	0.24 \pm 0.01	0.23 \pm 0.04	0.13 \pm 0.03	0.36 \pm 0.02	0.34 \pm 0.03	0.14 \pm 0.02	0.23 \pm 0.01	
1998-99	0.22 \pm 0.01	0.21 \pm 0.02	0.25 \pm 0.01	0.18 \pm 0.01	0.18 \pm 0.01	0.39 \pm 0.01	0.29 \pm 0.01	0.14 \pm 0.03	0.23 \pm 0.01	
1999-2000	0.21 \pm 0.01	0.22 \pm 0.01	0.26 \pm 0.01	0.26	0.23 \pm 0.01	0.36 \pm 0.02	0.27 \pm 0.01	0.26 \pm 0.02	0.24 \pm 0.01	
2000-01	0.22 \pm 0.01	0.27 \pm 0.03	0.25 \pm 0.01	0.17 \pm 0.01	0.25	0.43 \pm 0.03	0.30 \pm 0.02	0.33 \pm 0.04	0.25 \pm 0.02	
2001-02	0.25 \pm 0.03	0.24 \pm 0.01	0.21 \pm 0.01	0.23 \pm 0.01	0.37 \pm 0.03	0.37 \pm 0.03	0.30 \pm 0.02	0.27 \pm 0.02	0.25 \pm 0.01	
2002-03	0.20 \pm 0.01	0.22 \pm 0.01	0.26 \pm 0.02	0.29 \pm 0.03	0.30 \pm 0.06	0.27 \pm 0.04	0.29 \pm 0.03	0.21 \pm 0.03	0.22 \pm 0.01	
Black drum										
1974-76		2.19 \pm 3.20	0.91 \pm 0.33	1.16 \pm 0.89	0.70 \pm 0.30	6.64 \pm 7.16	2.28 \pm 2.15	2.56 \pm 2.73	2.02 \pm 1.00	
1976-77		0.83 \pm 0.55	0.43 \pm 0.11	6.18 \pm 12.18	0.94 \pm 0.40	2.57 \pm 2.78	1.43 \pm 1.50	4.30 \pm 5.07	1.04 \pm 0.16	
1977-78		1.25 \pm 1.06	0.99 \pm 1.43	1.10 \pm 0.79	0.59 \pm 0.42	3.66 \pm 4.76	1.30 \pm 0.78	4.88 \pm 5.02	2.03 \pm 1.22	
1978-79		4.22 \pm 10.20	1.65 \pm 1.30	5.94 \pm 5.92	0.44 \pm 0.16	1.77 \pm 1.14	2.50 \pm 1.71	7.24 \pm 8.50	4.18 \pm 4.56	
1979-80		0.42 \pm 0.10	0.48 \pm 0.30	3.55 \pm 5.08	0.50 \pm 0.12	4.58 \pm 6.39	1.37 \pm 0.89	0.51 \pm 0.55	1.71 \pm 1.72	
1980-81		2.63 \pm 5.16	0.38 \pm 0.22	0.92 \pm 1.04	0.50 \pm 0.08	0.70 \pm 0.36	0.70 \pm 0.18	0.51 \pm 0.27	1.17 \pm 1.51	
1981-82		0.53 \pm 0.22	0.51 \pm 0.18	0.48 \pm 0.29	0.63 \pm 0.34	0.60 \pm 0.20	0.91 \pm 0.26	1.29 \pm 0.85	0.67 \pm 0.18	
1982-83		1.63 \pm 1.67	0.42 \pm 0.16	3.57 \pm 3.57	0.46 \pm 0.14	0.81 \pm 2.28	1.05 \pm 0.37	0.99 \pm 0.51	1.47 \pm 0.72	
1983-84		2.00 \pm 0.48	0.58 \pm 0.04	0.79 \pm 0.05	0.80 \pm 0.12	0.87 \pm 0.06	0.99 \pm 0.09	0.91 \pm 0.20	1.04 \pm 0.10	

Table B.6. (Cont'd.)

Species Year	Bay system								
	Sabine Lake *	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre	Coastwide
Black drum (Cont'd.)									
1984-85		1.87 ± 0.14	2.07 ± 0.51	0.49 ± 0.05	0.66 ± 0.08	0.83 ± 0.05	0.65 ± <.01	1.50 ± 0.37	1.58 ± 0.12
1985-86		3.82 ± 0.05	2.48 ± 0.84	0.38 ± 0.02	0.74 ± 0.08	2.82 ± 0.51	0.71 ± 0.04	0.73 ± 0.15	2.24 ± 0.10
1986-87		1.72 ± 0.23	1.26 ± 0.33	1.15 ± 0.36	1.61 ± 0.47	0.74 ± 0.05	1.00 ± 0.08	0.96 ± 0.40	1.30 ± 0.14
1987-88	1.29 ± 0.16	2.73 ± 0.09	0.76 ± 0.14	1.37 ± 0.31	0.85 ± 0.12	1.02 ± 0.11	0.78 ± 0.09	1.64 ± 0.30	1.61 ± 0.06
1988-89	2.23 ± 0.33	0.87 ± 0.10	0.97 ± 0.14	1.36 ± 0.02	1.17 ± 0.17	0.93 ± 0.17	0.72 ± 0.05	1.12 ± 0.07	1.12 ± 0.05
1989-90	1.20 ± 0.24	0.86 ± 0.08	1.59 ± 0.32	1.10 ± 0.08	1.15 ± 0.04	1.52 ± 0.12	1.13 ± 0.10	1.03 ± 0.11	1.16 ± 0.06
1990-91	1.26 ± 0.07	1.17 ± 0.11	1.06 ± 0.13	1.64 ± 0.26	1.05 ± 0.05	1.53 ± 0.10	1.55 ± 0.22	1.38 ± 0.15	1.31 ± 0.04
1991-92	1.17 ± 0.09	1.38 ± 0.20	1.14 ± 0.14	1.33 ± 0.10	1.21 ± 0.04	1.12 ± 0.07	1.19 ± 0.14	1.42 ± 0.16	1.23 ± 0.06
1992-93	1.46 ± 0.08	1.25 ± 0.13	1.12 ± 0.06	1.26 ± 0.06	0.99 ± 0.05	1.12 ± 0.06	1.03 ± 0.06	1.29 ± 0.21	1.18 ± 0.03
1993-94	1.25 ± 0.07	1.34 ± 0.09	1.03 ± 0.08	1.48 ± 0.11	1.12 ± 0.06	1.25 ± 0.05	1.03 ± 0.02	1.06 ± 0.05	1.15 ± 0.02
1994-95	1.16 ± 0.08	1.47 ± 0.15	1.61 ± 0.19	1.94 ± 0.12	1.42 ± 0.04	1.39 ± 0.05	1.12 ± 0.03	1.20 ± 0.04	1.26 ± 0.02
1995-96	1.27 ± 0.07	1.45 ± 0.14	1.09 ± 0.07	1.15 ± 0.08	1.25 ± 0.08	1.67 ± 0.08	1.40 ± 0.04	1.80 ± 0.15	1.43 ± 0.03
1996-97	1.29 ± 0.05	1.62 ± 0.15	1.43 ± 0.20	1.42 ± 0.10	1.30 ± 0.08	1.83 ± 0.11	1.63 ± 0.05	2.15 ± 0.14	1.57 ± 0.03
1997-98	1.14 ± 0.05	1.35 ± 0.19	1.21 ± 0.09	1.44 ± 0.15	1.23 ± 0.05	1.90 ± 0.09	1.40 ± 0.10	1.92 ± 0.29	1.38 ± 0.04
1998-99	1.27 ± 0.07	1.23 ± 0.21	1.21 ± 0.13	1.60 ± 0.34	1.05 ± 0.04	1.57 ± 0.11	1.15 ± 0.05	1.75 ± 0.34	1.26 ± 0.04
1999-2000	1.51 ± 0.12	1.56 ± 0.21	1.44 ± 0.19	1.16 ± 0.06	1.06 ± 0.04	1.53 ± 0.13	1.99 ± 0.13	1.53 ± 0.10	1.60 ± 0.06
2000-01	1.18 ± 0.04	1.33 ± 0.17	1.05 ± 0.05	1.32 ± 0.10	1.20 ± 0.11	1.40 ± 0.12	1.41 ± 0.06	1.56 ± 0.18	1.26 ± 0.03
2001-02	1.27 ± 0.07	1.33 ± 0.13	1.47 ± 0.14	1.07 ± 0.03	1.16 ± 0.03	1.30 ± 0.08	1.70 ± 0.10	2.43 ± 0.30	1.37 ± 0.04
2002-03	1.47 ± 0.07	1.46 ± 0.10	1.41 ± 0.12	1.28 ± 0.08	1.25 ± 0.04	1.58 ± 0.22	1.85 ± 0.16	2.36 ± 0.23	1.51 ± 0.04
Gafftopsail catfish									
1974-76		1.37 ± 0.30	1.55 ± 0.61	1.26 ± 0.20	1.30 ± 0.37	1.26 ± 0.34			1.30 ± 0.15
1976-77		1.90 ± 0.64	1.55 ± 0.32	1.38 ± 0.20	1.47 ± 0.27	1.30 ± 0.43		0.22 ± <.01	1.49 ± 0.28
1977-78		1.10 ± 0.19	1.32 ± 0.29	1.42 ± 0.14	0.91 ± 0.60	1.34 ± 0.19			1.28 ± 0.14
1978-79		1.26 ± 0.38	1.45 ± 0.49	0.87 ± 0.37	1.33 ± 0.45	1.25 ± 0.32	2.42 ± 0.87	0.83 ± 0.71	1.25 ± 0.21
1979-80		0.72 ± 0.23	1.24 ± 0.52	1.38 ± 0.44	2.13 ± <.01	1.66 ± 0.12	1.02 ± <.01		1.45 ± 0.25
1980-81		1.52 ± 0.60	1.20 ± 0.30	0.90 ± 0.16	1.58 ± 0.35	1.18 ± 0.35	0.35 ± <.01		1.35 ± 0.36
1981-82		0.92 ± 0.30	1.24 ± 0.34	1.53 ± 0.30	1.32 ± 0.31	1.35 ± 0.24	0.18 ± 0.02	0.23 ± <.01	1.29 ± 0.15
1982-83		1.41 ± 0.40	1.37 ± 0.64	1.04 ± 0.14	0.91 ± 0.19	1.17 ± 0.36	0.20 ± 0.03	1.13 ± 0.64	1.17 ± 0.18
1983-84		0.65 ± 0.05	1.25 ± 0.05	1.01 ± 0.02	1.08 ± 0.09	1.40 ± 0.07	0.77	0.79 ± 0.03	1.16 ± 0.03
1984-85		1.06 ± 0.10	1.05 ± 0.05	0.82 ± 0.04	1.14 ± 0.18	1.34 ± 0.12	1.42	0.13	1.03 ± 0.03
1985-86		1.02 ± 0.06	1.05 ± 0.02	0.76 ± 0.07	1.00 ± 0.05	1.18 ± 0.13		0.27 ± 0.08	0.97 ± 0.03
1986-87		0.76 ± 0.06	0.94 ± 0.04	1.11 ± 0.08	0.49 ± 0.12	1.24 ± 0.06		0.44 ± <.01	1.15 ± 0.03
1987-88	0.84 ± 0.11	1.31 ± 0.02	1.07 ± 0.06	1.07 ± 0.03	0.77	1.80 ± 0.07	1.42	0.35	1.24 ± 0.05
1988-89	1.09 ± 0.10	1.15 ± 0.07	1.11 ± 0.10	1.57 ± 0.09	1.53 ± 0.89	1.63 ± 0.19			1.21 ± 0.07
1989-90	0.51 ± 0.03	1.05 ± 0.05	1.33 ± 0.18	1.12 ± 0.05	0.96 ± 0.09	1.61 ± 0.03			1.25 ± 0.06
1990-91	1.05 ± 0.16	0.91 ± 0.13	1.44 ± 0.05	1.39 ± 0.16	1.37 ± 0.17	1.34 ± 0.15	0.85	0.52	1.16 ± 0.06
1991-92	0.92 ± 0.03	0.79 ± 0.07	1.53 ± 0.17	1.14 ± 0.21	1.85	1.18 ± 0.15	1.69	0.65 ± 0.40	1.31 ± 0.03
1992-93	0.86 ± 0.09	0.77 ± 0.04	1.42 ± 0.06	1.69 ± 0.05	1.24 ± 0.15	0.47 ± 0.12		0.32	1.16 ± 0.06
1993-94	1.11 ± 0.14	0.96 ± 0.07	1.02 ± 0.06	1.04 ± 0.14	1.24 ± 0.18	1.41 ± 0.11		1.05	1.08 ± 0.05
1994-95	0.98 ± 0.09	1.18 ± 0.07	1.29 ± 0.07	1.07 ± 0.08	0.99 ± 0.10	1.54 ± 0.25	0.29	0.27	1.19 ± 0.04
1995-96	0.70 ± 0.10	0.93 ± 0.10	1.45 ± 0.08	1.30 ± 0.19	1.08 ± 0.12	1.20 ± 0.11		0.48	1.21 ± 0.05

Table B.6. (Cont'd.)

Species Year	Bay system								Coastwide
	Sabine Lake ^a	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre	
Gafftopsail catfish (Cont'd.)									
1996-97	1.55 ± 0.14	1.01 ± 0.10	1.11 ± 0.09	1.28 ± 0.07	0.59 ± 0.01	1.13 ± 0.13		0.53	1.21 ± 0.04
1997-98	1.15 ± 0.06	1.07 ± 0.19	1.02 ± 0.07	0.96 ± 0.10	0.92 ± 0.04	1.59 ± 0.12	0.85	0.70	1.06 ± 0.04
1998-99	1.27 ± 0.06	1.09 ± 0.16	1.37 ± 0.04	1.51 ± 0.11	0.99 ± 0.11	1.39 ± 0.10	0.99 ± 0.01	0.79 ± 0.03	1.33 ± 0.04
1999-2000	1.24 ± 0.11	1.21 ± 0.10	1.69 ± 0.10	1.50 ± 0.05	1.37 ± 0.19	1.50 ± 0.07		0.29	1.48 ± 0.04
2000-01	1.13 ± 0.05	0.96 ± 0.07	1.61 ± 0.06	1.73 ± 0.07	1.06 ± 0.15	1.11 ± 0.12	0.57		1.29 ± 0.04
2001-02	1.29 ± 0.14	1.14 ± 0.10	1.40 ± 0.11	1.17 ± 0.10	0.77 ± 0.11	1.36 ± 0.05	1.04	1.23	1.27 ± 0.04
2002-03	1.28 ± 0.11	1.22 ± 0.13	1.54 ± 0.12	1.63 ± 0.08	1.08 ± 0.10	1.34 ± 0.09	1.00	1.01 ± 0.23	1.43 ± 0.05
Red drum									
1974-76		0.79 ± 0.13	0.75 ± 0.16	1.11 ± 0.19	0.94 ± 0.25	0.89 ± 0.42	1.13 ± 0.19	0.99 ± 0.42	1.02 ± 0.11
1976-77		1.31 ± 0.19	0.90 ± 0.35	1.21 ± 0.28	0.99 ± 0.33	0.96 ± 0.29	1.16 ± 0.36	0.92 ± 0.36	1.04 ± 0.16
1977-78		1.07 ± 0.32	1.14 ± 0.30	0.76 ± 0.16	1.00 ± 0.50	1.08 ± 0.26	1.18 ± 0.29	1.07 ± 0.37	0.94 ± 0.15
1978-79		1.72 ± 0.71	0.93 ± 0.29	0.72 ± 0.21	0.76 ± 0.21	1.26 ± 0.59	1.10 ± 0.19	1.36 ± 0.32	0.88 ± 0.27
1979-80		0.59 ± 0.15	0.81 ± 0.45	0.76 ± 0.66	0.67 ± 0.20	0.85 ± 0.46	0.76 ± 0.10	0.61 ± 0.18	0.74 ± 0.22
1980-81		1.18 ± 0.31	1.33 ± 0.28	1.18 ± 0.23	1.01 ± 0.21	1.03 ± 0.21	0.92 ± 0.13	0.91 ± 0.18	1.09 ± 0.09
1981-82		1.62 ± 0.40	1.56 ± 0.36	1.15 ± 0.26	1.08 ± 0.14	1.12 ± 0.17	1.14 ± 0.12	1.55 ± 0.78	1.25 ± 0.17
1982-83		1.34 ± 0.42	1.59 ± 0.24	1.67 ± 0.27	1.54 ± 0.25	1.46 ± 0.15	1.50 ± 0.19	1.31 ± 0.29	1.51 ± 0.12
1983-84		1.90 ± 0.19	1.37 ± 0.07	1.43 ± 0.04	1.36 ± 0.07	1.39 ± 0.07	1.58 ± 0.06	1.56 ± 0.06	1.49 ± 0.03
1984-85		1.97 ± 0.10	1.74 ± 0.08	1.69 ± 0.07	1.57 ± 0.10	1.71 ± 0.08	1.75 ± 0.13	2.06 ± 0.07	1.88 ± 0.04
1985-86		2.16 ± 0.21	1.79 ± 0.09	1.78 ± 0.06	1.76 ± 0.06	1.79 ± 0.08	1.71 ± 0.03	1.92 ± 0.05	1.83 ± 0.03
1986-87		2.11 ± 0.14	1.60 ± 0.05	1.51 ± 0.04	2.11 ± 0.12	1.87 ± 0.06	1.66 ± 0.06	1.96 ± 0.04	1.84 ± 0.02
1987-88	1.82 ± 0.08	2.30 ± 0.19	1.93 ± 0.07	1.90 ± 0.04	2.13 ± 0.10	1.97 ± 0.06	1.93 ± 0.05	2.12 ± 0.03	2.02 ± 0.02
1988-89	2.29 ± 0.09	2.10 ± 0.13	1.97 ± 0.09	1.96 ± 0.05	2.24 ± 0.07	2.10 ± 0.06	2.31 ± 0.06	2.20 ± 0.04	2.18 ± 0.02
1989-90	2.00 ± 0.09	1.97 ± 0.06	2.03 ± 0.05	2.04 ± 0.03	2.43 ± 0.06	2.26 ± 0.05	2.38 ± 0.07	2.28 ± 0.03	2.21 ± 0.02
1990-91	2.22 ± 0.09	2.36 ± 0.11	2.48 ± 0.11	2.29 ± 0.06	2.38 ± 0.07	2.28 ± 0.05	2.56 ± 0.09	2.41 ± 0.04	2.36 ± 0.02
1991-92	2.39 ± 0.10	2.41 ± 0.30	2.35 ± 0.08	2.04 ± 0.04	2.27 ± 0.05	2.03 ± 0.06	2.10 ± 0.06	2.19 ± 0.04	2.17 ± 0.02
1992-93	1.85 ± 0.05	1.93 ± 0.10	2.12 ± 0.08	2.07 ± 0.06	2.07 ± 0.05	2.11 ± 0.05	1.91 ± 0.03	2.22 ± 0.04	2.07 ± 0.02
1993-94	2.25 ± 0.04	2.13 ± 0.07	2.01 ± 0.04	2.03 ± 0.04	2.14 ± 0.02	2.16 ± 0.03	2.36 ± 0.04	2.19 ± 0.03	2.15 ± 0.01
1994-95	2.18 ± 0.04	2.43 ± 0.16	2.15 ± 0.04	2.17 ± 0.03	2.17 ± 0.02	2.39 ± 0.06	2.47 ± 0.04	2.33 ± 0.04	2.27 ± 0.01
1995-96	2.97 ± 0.43	2.83 ± 0.20	2.32 ± 0.10	2.19 ± 0.03	2.12 ± 0.03	2.33 ± 0.05	2.79 ± 0.04	2.42 ± 0.03	2.40 ± 0.03
1996-97	3.30 ± 0.24	3.43 ± 0.42	2.13 ± 0.08	2.02 ± 0.06	2.03 ± 0.05	2.48 ± 0.11	2.39 ± 0.07	2.41 ± 0.04	2.37 ± 0.04
1997-98	2.33 ± 0.08	2.47 ± 0.12	2.29 ± 0.07	2.16 ± 0.04	2.11 ± 0.03	2.29 ± 0.06	2.49 ± 0.05	2.34 ± 0.04	2.29 ± 0.02
1998-99	2.56 ± 0.17	3.19 ± 0.35	2.20 ± 0.12	2.18 ± 0.03	2.13 ± 0.04	2.32 ± 0.05	2.51 ± 0.04	2.21 ± 0.04	2.31 ± 0.03
1999-2000	3.07 ± 0.15	2.38 ± 0.18	2.68 ± 0.26	2.19 ± 0.04	2.22 ± 0.03	2.49 ± 0.07	2.28 ± 0.03	2.28 ± 0.03	2.35 ± 0.03
2000-01	2.60 ± 0.16	3.47 ± 0.45	2.40 ± 0.14	2.16 ± 0.07	2.19 ± 0.04	2.30 ± 0.08	2.35 ± 0.03	2.24 ± 0.02	2.33 ± 0.03
2001-02	2.72 ± 0.14	2.77 ± 0.20	2.47 ± 0.09	2.26 ± 0.03	2.22 ± 0.04	2.49 ± 0.13	2.44 ± 0.04	2.37 ± 0.03	2.39 ± 0.02
2003-03	2.53 ± 0.16	2.41 ± 0.17	2.56 ± 0.16	2.18 ± 0.04	2.29 ± 0.04	2.71 ± 0.10	2.63 ± 0.07	2.34 ± 0.03	2.42 ± 0.03
Sand seatrout									
1974-76		0.30 ± 0.21	0.25 ± 0.02	0.32 ± 0.08	0.26 ± 0.04	0.29 ± 0.07	0.37 ± 0.13	0.31 ± 0.16	0.31 ± 0.09
1976-77		0.36 ± 0.12	0.24 ± 0.05	0.22 ± <.01	0.21 ± 0.01	0.33 ± 0.14	0.25 ± 0.06	0.31 ± 0.08	0.32 ± 0.11
1977-78		0.36 ± 0.11	0.25 ± 0.05	0.24 ± 0.06	0.25 ± 0.21	0.42 ± 0.26	0.54 ± 0.32	0.30 ± 0.10	0.35 ± 0.08

Table B.6. (Cont'd.)

Species Year	Bay system								
	Sabine Lake ^a	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre	Coastwide
Sand seatrout (Cont'd.)									
1978-79		0.30 ± 0.16	0.27 ± 0.12	0.22 ± 0.11	0.29 ± 0.10	0.30 ± 0.14	0.41 ± 0.08	0.20 ± 0.03	0.29 ± 0.08
1979-80		0.20 ± 0.07	0.22 ± 0.06	0.22 ± 0.06	0.28 ± 0.04	0.29 ± 0.04	0.36 ± 0.09	0.32 ± 0.08	0.23 ± 0.05
1980-81		0.24 ± 0.09	0.22 ± 0.04	0.30 ± 0.03	0.22 ± 0.03	0.29 ± 0.09	0.30 ± 0.06	0.28 ± 0.08	0.26 ± 0.04
1981-82		0.27 ± 0.08	0.23 ± 0.13	0.26 ± 0.06	0.25 ± 0.03	0.29 ± 0.06	0.32 ± 0.04	0.31 ± 0.05	0.28 ± 0.03
1982-83		0.25 ± 0.05	0.21 ± 0.05	0.28 ± 0.03	0.24 ± 0.05	0.27 ± 0.07	0.33 ± 0.03	0.33 ± 0.06	0.26 ± 0.03
1983-84		0.24 ± 0.01	0.25 ± 0.02	0.28 ± 0.05	0.29 ± 0.01	0.31 ± 0.02	0.31 ± 0.01	0.27 ± 0.01	0.28 ± 0.01
1984-85		0.22 ± 0.01	0.20 ± 0.02	0.29 ± 0.01	0.20 ± 0.02	0.24 ± 0.01	0.28 ± 0.01	0.25 ± 0.01	0.23 ± 0.01
1985-86		0.23 ± 0.01	0.19 ± 0.01	0.23 ± 0.01	0.19 ± 0.02	0.23 ± 0.01	0.28 ± 0.02	0.26 ± 0.01	0.23 ± 0.01
1986-87		0.24 ± 0.01	0.20 ± 0.02	0.22 ± 0.01	0.27 ± 0.01	0.23 ± 0.01	0.29 ± 0.02	0.24 ± 0.01	0.24 ± 0.01
1987-88	0.24 ± 0.02	0.25 ± 0.01	0.21 ± 0.01	0.21 ± 0.01	0.21 ± 0.01	0.21 ± 0.01	0.21 ± 0.01	0.21 ± 0.01	0.24 ± 0.01
1988-89	0.24 ± 0.01	0.29 ± 0.01	0.25 ± 0.02	0.26 ± 0.01	0.19 ± 0.01	0.26 ± 0.02	0.41 ± 0.02	0.28 ± 0.02	0.24 ± 0.01
1989-90	0.22 ± 0.01	0.21 ± 0.01	0.24 ± 0.04	0.17 ± 0.02	0.16 ± 0.01	0.25 ± 0.03	0.34 ± 0.04	0.29 ± 0.01	0.27 ± 0.01
1990-91	0.21 ± 0.01	0.26 ± 0.01	0.23 ± 0.01	0.23 ± 0.01	0.27 ± 0.01	0.26 ± 0.02	0.29 ± 0.01	0.25 ± 0.01	0.24 ± 0.01
1991-92	0.23 ± 0.01	0.25 ± 0.01	0.22 ± 0.01	0.30 ± 0.02	0.25 ± 0.01	0.25 ± 0.01	0.43 ± 0.02	0.28 ± 0.01	0.25 ± 0.01
1992-93	0.25 ± 0.01	0.24 ± 0.01	0.26 ± 0.01	0.26 ± 0.02	0.23 ± 0.01	0.30 ± 0.01	0.32 ± 0.01	0.28 ± 0.01	0.27 ± 0.01
1993-94	0.21 ± 0.01	0.21 ± 0.01	0.24 ± 0.01	0.38 ± 0.04	0.24 ± 0.02	0.29 ± 0.02	0.39 ± 0.02	0.27 ± 0.02	0.26 ± 0.01
1994-95	0.22 ± 0.01	0.25 ± 0.01	0.33 ± 0.01	0.29 ± 0.02	0.26 ± 0.02	0.28 ± 0.02	0.35 ± 0.01	0.25 ± 0.01	0.27 ± 0.01
1995-96	0.25 ± 0.01	0.25 ± 0.01	0.30 ± 0.02	0.32 ± 0.01	0.28 ± 0.01	0.30 ± 0.01	0.31 ± 0.02	0.27 ± 0.02	0.27 ± 0.01
1996-97	0.25 ± 0.01	0.26 ± 0.02	0.32 ± 0.03	0.32 ± 0.01	0.31 ± 0.01	0.28 ± 0.04	0.35 ± 0.01	0.31 ± 0.01	0.27 ± 0.01
1997-98	0.24 ± 0.02	0.24 ± 0.01	0.35 ± 0.04	0.25 ± 0.03	0.21 ± 0.01	0.21 ± 0.01	0.23 ± 0.01	0.23 ± 0.01	0.27 ± 0.01
1998-99	0.23 ± 0.01	0.25 ± 0.01	0.34 ± 0.01	0.28 ± 0.01	0.26 ± 0.02	0.24 ± 0.01	0.27 ± 0.01	0.24 ± 0.03	0.25 ± 0.01
1999-2000	0.21 ± 0.01	0.23 ± 0.01	0.26 ± 0.01	0.31 ± 0.01	0.24 ± 0.01	0.27 ± 0.01	0.29 ± 0.02	0.29 ± 0.02	0.25 ± 0.01
2000-01	0.29 ± 0.01	0.26 ± 0.01	0.28 ± 0.01	0.28 ± 0.01	0.30 ± 0.03	0.29 ± 0.02	0.31 ± 0.03	0.26 ± 0.02	0.28 ± 0.01
2001-02	0.27 ± 0.03	0.24 ± 0.01	0.33 ± 0.04	0.29 ± 0.02	0.25 ± 0.01	0.32 ± 0.02	0.27 ± 0.02	0.25 ± 0.03	0.27 ± 0.01
2002-03	0.23 ± 0.01	0.25 ± 0.01	0.37 ± 0.01	0.31 ± 0.01	0.29 ± 0.01	0.23 ± 0.01	0.30 ± 0.02	0.27 ± 0.01	0.27 ± 0.01
Sheepshead									
1974-76		0.68 ± 0.13	0.41 ± 0.18	0.75 ± 0.16	0.56 ± 0.31	0.72 ± 0.34	1.33 ± 0.29	1.14 ± 0.22	0.72 ± 0.14
1976-77		0.91 ± 0.25	1.02 ± 0.68	1.04 ± 0.45	0.58 ± 0.09	0.88 ± 0.13	0.76 ± 0.19	0.95 ± 0.12	0.89 ± 0.16
1977-78		0.88 ± 0.20	0.58 ± 0.35	0.70 ± 0.35	0.58 ± 0.21	0.65 ± 0.12	0.97 ± 0.19	0.74 ± 0.26	0.76 ± 0.12
1978-79		0.79 ± 0.14	0.69 ± 0.39	0.79 ± 0.35	0.59 ± 0.24	0.83 ± 0.24	1.02 ± 0.20	0.81 ± 0.34	0.78 ± 0.10
1979-80		0.91 ± 0.11	0.73 ± 0.15	0.96 ± 0.16	0.58 ± 0.14	1.00 ± 0.17	1.11 ± 0.22	0.64 ± 0.42	0.78 ± 0.17
1980-81		0.73 ± 0.40	0.29 ± 0.16	0.59 ± 0.11	0.63 ± 0.17	0.78 ± 0.21	1.07 ± 0.16	0.90 ± 0.28	0.71 ± 0.14
1981-82		0.87 ± 0.11	0.44 ± 0.29	0.78 ± 0.22	0.79 ± 0.20	0.68 ± 0.17	1.17 ± 0.14	0.70 ± 0.16	0.71 ± 0.11
1982-83		0.89 ± 0.17	0.51 ± 0.21	0.88 ± 0.17	0.86 ± 0.12	0.96 ± 0.16	1.22 ± 0.07	0.63 ± 0.23	0.85 ± 0.14
1983-84		0.77 ± 0.03	0.73 ± 0.07	1.01 ± 0.03	1.04 ± 0.04	0.81 ± 0.04	1.05 ± 0.04	0.76 ± 0.02	0.82 ± 0.01
1984-85		0.81 ± 0.02	0.80 ± 0.04	1.11 ± 0.04	1.02 ± 0.03	1.02 ± 0.04	1.22 ± 0.05	0.79 ± 0.05	0.90 ± 0.02
1985-86		1.00 ± 0.05	0.92 ± 0.05	0.99 ± 0.10	1.03 ± 0.08	1.33 ± 0.08	1.75 ± 0.07	0.82 ± 0.03	1.05 ± 0.03
1986-87		0.97 ± 0.05	0.72 ± 0.04	0.93 ± 0.09	0.79 ± 0.02	0.97 ± 0.05	1.52 ± 0.09	0.94 ± 0.13	0.86 ± 0.02
1987-88	0.80 ± 0.07	1.07 ± 0.03	0.85 ± 0.13	1.12 ± 0.07	0.99 ± 0.02	1.12 ± 0.04	1.74 ± 0.19	0.79 ± 0.05	1.03 ± 0.03
1988-89	1.16 ± 0.05	1.18 ± 0.06	0.92 ± 0.07	1.19 ± 0.10	1.08 ± 0.07	1.20 ± 0.05	1.47 ± 0.26	1.21 ± 0.12	1.15 ± 0.03
1989-90	1.24 ± 0.11	1.21 ± 0.10	1.03 ± 0.09	1.05 ± 0.07	1.16 ± 0.10	0.99 ± 0.05	1.44 ± 0.17	1.08 ± 0.06	1.12 ± 0.04

Table B.6. (Cont'd.)

Species Year	Bay system								Coastwide
	Sabine Lake ^a	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre	
Sheepshead (Cont'd.)									
1990-91	1.04 ± 0.10	1.19 ± 0.06	1.22 ± 0.04	1.23 ± 0.08	1.31 ± 0.05	1.21 ± 0.08	1.78 ± 0.12	1.10 ± 0.06	1.19 ± 0.03
1991-92	1.04 ± 0.07	1.09 ± 0.06	1.06 ± 0.02	2.28 ± 0.37	1.23 ± 0.10	1.16 ± 0.02	1.63 ± 0.08	1.21 ± 0.03	1.15 ± 0.02
1992-93	1.21 ± 0.08	1.18 ± 0.05	0.97 ± 0.06	1.21 ± 0.11	1.14 ± 0.09	1.22 ± 0.05	1.29 ± 0.08	1.25 ± 0.10	1.16 ± 0.03
1993-94	0.96 ± 0.06	1.21 ± 0.06	0.95 ± 0.05	1.21 ± 0.12	0.96 ± 0.04	1.18 ± 0.05	1.59 ± 0.01	1.36 ± 0.09	1.12 ± 0.02
1994-95	1.07 ± 0.05	1.20 ± 0.05	1.16 ± 0.07	1.35 ± 0.11	0.99 ± 0.07	1.11 ± 0.04	2.36 ± 0.13	1.43 ± 0.08	1.16 ± 0.02
1995-96	1.28 ± 0.08	1.21 ± 0.05	1.06 ± 0.07	1.09 ± 0.09	1.18 ± 0.06	1.17 ± 0.01	1.18 ± 0.08	1.25 ± 0.13	1.18 ± 0.01
1996-97	1.03 ± 0.13	1.25 ± 0.03	1.07 ± 0.09	1.28 ± 0.07	1.11 ± 0.06	1.14 ± 0.08	1.04 ± 0.06	1.04 ± 0.07	1.14 ± 0.05
1997-98	1.19 ± 0.06	1.14 ± 0.03	1.05 ± 0.04	1.16 ± 0.06	1.07 ± 0.03	1.16 ± 0.05	1.91 ± 0.10	1.06 ± 0.08	1.16 ± 0.03
1998-99	1.25 ± 0.04	1.22 ± 0.07	1.33 ± 0.09	1.22 ± 0.06	1.25 ± 0.11	1.26 ± 0.01	1.63 ± 0.01	1.33 ± 0.07	1.26 ± 0.01
1999-2000	1.34 ± 0.04	1.18 ± 0.05	1.20 ± 0.04	1.37 ± 0.04	1.10 ± 0.07	1.07 ± 0.06	1.51 ± 0.04	1.32 ± 0.09	1.14 ± 0.04
2000-01	1.26 ± 0.03	1.17 ± 0.03	1.20 ± 0.05	1.29 ± 0.09	1.25 ± 0.11	1.44 ± 0.18	1.72 ± 0.11	1.00 ± 0.13	1.39 ± 0.14
2001-02	1.29 ± 0.03	1.37 ± 0.04	1.10 ± 0.05	1.20 ± 0.06	1.14 ± 0.06	1.09 ± 0.07	1.52 ± 0.14	1.22 ± 0.08	1.15 ± 0.04
2002-03	1.34 ± 0.16	1.24 ± 0.03	1.24 ± 0.06	1.43 ± 0.09	1.15 ± 0.07	1.19 ± 0.04	1.65 ± 0.12	1.17 ± 0.17	1.22 ± 0.03
Southern flounder									
1974-76		0.62 ± 0.08	0.78 ± 0.30	0.64 ± 0.07	0.52 ± 0.09	0.38 ± 0.08	0.77 ± 0.09	0.77 ± 0.17	0.65 ± 0.05
1976-77		0.66 ± 0.15	0.52 ± 0.10	0.68 ± 0.18	0.45 ± 0.10	0.69 ± 0.32	0.59 ± 0.12	0.77 ± 0.12	0.64 ± 0.09
1977-78		0.64 ± 0.13	0.51 ± 0.12	0.63 ± 0.10	0.52 ± 0.21	0.67 ± 0.12	0.73 ± 0.08	0.87 ± 0.26	0.66 ± 0.09
1978-79		0.66 ± 0.24	0.43 ± 0.29	0.59 ± 0.22	0.78 ± 0.30	0.57 ± 0.17	0.76 ± 0.10	0.52 ± 0.07	0.60 ± 0.12
1979-80		0.54 ± 0.08	0.54 ± 0.19	0.67 ± 0.19	0.51 ± 0.05	0.61 ± 0.15	0.72 ± 0.12	0.62 ± 0.12	0.61 ± 0.06
1980-81		0.62 ± 0.12	0.55 ± 0.11	0.67 ± 0.09	0.69 ± 0.17	0.62 ± 0.14	0.59 ± 0.08	0.68 ± 0.13	0.65 ± 0.05
1981-82		0.59 ± 0.11	0.47 ± 0.04	0.71 ± 0.05	0.51 ± 0.06	0.56 ± 0.15	0.72 ± 0.09	0.74 ± 0.09	0.61 ± 0.06
1982-83		0.60 ± 0.11	0.54 ± 0.07	0.67 ± 0.14	0.46 ± 0.07	0.51 ± 0.07	0.69 ± 0.05	0.65 ± 0.06	0.61 ± 0.04
1983-84		0.52 ± 0.02	0.53 ± 0.02	0.67 ± 0.03	0.50 ± 0.04	0.55 ± 0.03	0.73 ± 0.04	0.69 ± 0.03	0.61 ± 0.01
1984-85		0.57 ± 0.02	0.49 ± 0.02	0.61 ± 0.02	0.52 ± 0.05	0.54 ± 0.03	0.54 ± 0.05	0.44 ± 0.03	0.54 ± 0.01
1985-86		0.54 ± 0.03	0.41 ± 0.02	0.73 ± 0.08	0.56 ± 0.02	0.49 ± 0.02	0.60 ± 0.01	0.57 ± 0.02	0.56 ± 0.01
1986-87		0.55 ± 0.02	0.60 ± 0.03	0.63 ± 0.04	0.60 ± 0.05	0.67 ± 0.03	0.69 ± 0.02	0.79 ± 0.02	0.69 ± 0.01
1987-88	0.40 ± 0.01	0.61 ± 0.06	0.53 ± 0.03	0.64 ± 0.03	0.48 ± 0.04	0.48 ± 0.03	0.92 ± 0.04	0.80 ± 0.03	0.58 ± 0.02
1988-89	0.51 ± 0.02	0.64 ± 0.02	0.56 ± 0.03	0.67 ± 0.03	0.57 ± 0.02	0.68 ± 0.04	0.79 ± 0.04	0.68 ± 0.03	0.61 ± 0.01
1989-90	0.62 ± 0.02	0.60 ± 0.02	0.65 ± 0.03	0.69 ± 0.02	0.65 ± 0.03	0.69 ± 0.04	0.81 ± 0.03	0.70 ± 0.03	0.67 ± 0.01
1990-91	0.56 ± 0.02	0.67 ± 0.03	0.70 ± 0.02	0.70 ± 0.09	0.64 ± 0.07	0.73 ± 0.04	0.73 ± 0.07	0.73 ± 0.04	0.64 ± 0.01
1991-92	0.56 ± 0.01	0.66 ± 0.03	0.66 ± 0.02	0.64 ± 0.03	0.63 ± 0.02	0.65 ± 0.02	0.74 ± 0.02	0.62 ± 0.02	0.63 ± 0.01
1992-93	0.58 ± 0.01	0.79 ± 0.02	0.85 ± 0.02	0.76 ± 0.04	0.66 ± 0.02	0.79 ± 0.03	1.05 ± 0.03	0.79 ± 0.03	0.73 ± 0.01
1993-94	0.60 ± 0.02	0.74 ± 0.05	0.85 ± 0.02	0.74 ± 0.02	0.77 ± 0.02	0.75 ± 0.03	0.71 ± 0.06	0.91 ± 0.04	0.74 ± 0.01
1994-95	0.65 ± 0.02	0.71 ± 0.02	0.64 ± 0.02	0.72 ± 0.02	0.70 ± 0.03	0.64 ± 0.02	0.77 ± 0.05	0.89 ± 0.03	0.69 ± 0.01
1995-96	0.57 ± 0.02	0.61 ± 0.02	0.72 ± 0.03	0.65 ± 0.03	0.59 ± 0.02	0.66 ± 0.05	0.81 ± 0.06	0.81 ± 0.03	0.65 ± 0.01
1996-97	0.76 ± 0.03	0.74 ± 0.03	0.75 ± 0.02	0.79 ± 0.03	0.67 ± 0.04	0.69 ± 0.05	0.81 ± 0.08	0.89 ± 0.04	0.75 ± 0.01
1997-98	0.70 ± 0.02	0.70 ± 0.02	0.78 ± 0.01	0.70 ± 0.03	0.84 ± 0.10	0.83 ± 0.05	0.76 ± 0.02	0.79 ± 0.02	0.74 ± 0.01
1998-99	0.70 ± 0.02	0.85 ± 0.02	0.81 ± 0.01	0.74 ± 0.03	0.73 ± 0.03	0.82 ± 0.04	0.88 ± 0.05	0.87 ± 0.02	0.80 ± 0.01
1999-2000	0.73 ± 0.02	0.81 ± 0.02	0.80 ± 0.02	0.80 ± 0.02	0.81 ± 0.04	0.87 ± 0.05	0.97 ± 0.04	0.92 ± 0.02	0.81 ± 0.01
2000-01	0.75 ± 0.02	0.83 ± 0.02	0.88 ± 0.02	0.78 ± 0.03	0.75 ± 0.03	0.81 ± 0.04	0.88 ± 0.04	0.87 ± 0.02	0.81 ± 0.01

Table B.6. (Cont'd.)

Species Year	Bay system									
	Sabine Lake ^a	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre	Coastwide	
Southern flounder (Cont'd.)										
2001-02	0.70 ± 0.02	0.85 ± 0.02	0.88 ± 0.05	0.77 ± 0.04	0.72 ± 0.02	0.82 ± 0.04	0.95 ± 0.06	0.87 ± 0.04	0.81 ± 0.01	
2002-03	0.67 ± 0.01	0.75 ± 0.01	0.79 ± 0.02	0.80 ± 0.04	0.73 ± 0.03	0.76 ± 0.03	0.87 ± 0.03	0.77 ± 0.02	0.77 ± 0.01	
Spotted seatrout										
1974-76		0.66 ± 0.28	0.41 ± 0.36	0.42 ± 0.14	0.32 ± 0.14	0.38 ± 0.17	0.54 ± 0.13	0.54 ± 0.22	0.44 ± 0.10	
1976-77		0.60 ± 0.22	0.24 ± 0.05	0.49 ± 0.13	0.34 ± 0.22	0.49 ± 0.33	0.56 ± 0.38	0.48 ± 0.16	0.49 ± 0.17	
1977-78		0.36 ± 0.11	0.25 ± 0.05	0.46 ± 0.20	0.32 ± 0.17	0.44 ± 0.23	0.45 ± 0.12	0.54 ± 0.18	0.48 ± 0.12	
1978-79		0.71 ± 0.31	0.42 ± 0.18	0.40 ± 0.15	0.33 ± 0.26	0.45 ± 0.15	0.56 ± 0.20	0.48 ± 0.47	0.49 ± 0.14	
1979-80		0.45 ± 0.13	0.46 ± 0.41	0.45 ± 0.10	0.38 ± 0.10	0.52 ± 0.15	0.51 ± 0.17	0.45 ± 0.18	0.47 ± 0.07	
1980-81		0.66 ± 0.29	0.43 ± 0.08	0.47 ± 0.14	0.41 ± 0.06	0.51 ± 0.25	0.44 ± 0.11	0.49 ± 0.16	0.50 ± 0.10	
1981-82		0.62 ± 0.20	0.45 ± 0.09	0.51 ± 0.07	0.41 ± 0.07	0.55 ± 0.14	0.46 ± 0.06	0.31 ± 0.05	0.51 ± 0.05	
1982-83		0.76 ± 0.28	0.52 ± 0.12	0.55 ± 0.10	0.48 ± 0.14	0.54 ± 0.08	0.50 ± 0.11	0.61 ± 0.12	0.56 ± 0.06	
1983-84		0.85 ± 0.04	0.62 ± 0.03	0.59 ± 0.02	0.50 ± 0.02	0.62 ± 0.03	0.65 ± 0.01	0.68 ± 0.02	0.66 ± 0.01	
1984-85		0.92 ± 0.03	0.68 ± 0.02	0.69 ± 0.03	0.68 ± 0.02	0.79 ± 0.03	0.60 ± 0.01	0.67 ± 0.02	0.73 ± 0.01	
1985-86		0.84 ± 0.04	0.67 ± 0.02	0.64 ± 0.02	0.66 ± 0.02	0.67 ± 0.02	0.65 ± 0.01	0.77 ± 0.02	0.71 ± 0.01	
1986-87		0.80 ± 0.03	0.65 ± 0.02	0.64 ± 0.01	0.67 ± 0.02	0.73 ± 0.02	0.72 ± 0.01	0.78 ± 0.01	0.77 ± 0.01	
1987-88	0.70 ± 0.02	0.84 ± 0.03	0.66 ± 0.03	0.68 ± 0.01	0.70 ± 0.02	0.78 ± 0.05	0.82 ± 0.02	0.79 ± 0.01	0.73 ± 0.01	
1988-89	0.80 ± 0.02	0.82 ± 0.02	0.71 ± 0.03	0.68 ± 0.02	0.69 ± 0.02	0.66 ± 0.01	0.81 ± 0.02	0.79 ± 0.01	0.77 ± 0.01	
1989-90	0.68 ± 0.03	0.75 ± 0.03	0.75 ± 0.02	0.72 ± 0.02	0.76 ± 0.03	0.79 ± 0.02	0.89 ± 0.02	0.75 ± 0.02	0.78 ± 0.01	
1990-91	0.75 ± 0.03	0.76 ± 0.02	0.77 ± 0.02	0.74 ± 0.02	0.79 ± 0.02	0.78 ± 0.02	0.89 ± 0.03	0.78 ± 0.02	0.78 ± 0.01	
1991-92	0.67 ± 0.02	0.82 ± 0.04	0.76 ± 0.02	0.72 ± 0.01	0.74 ± 0.02	0.77 ± 0.02	0.80 ± 0.02	0.92 ± 0.02	0.82 ± 0.01	
1992-93	0.72 ± 0.02	0.77 ± 0.01	0.85 ± 0.02	0.74 ± 0.01	0.78 ± 0.01	0.78 ± 0.01	0.94 ± 0.02	0.84 ± 0.02	0.78 ± 0.01	
1993-94	0.82 ± 0.02	0.81 ± 0.02	0.82 ± 0.03	0.76 ± 0.01	0.78 ± 0.01	0.80 ± 0.01	0.92 ± 0.02	0.93 ± 0.02	0.84 ± 0.01	
1994-95	0.77 ± 0.02	0.79 ± 0.02	0.78 ± 0.01	0.73 ± 0.01	0.77 ± 0.01	0.84 ± 0.02	0.89 ± 0.02	0.92 ± 0.02	0.81 ± 0.01	
1995-96	0.78 ± 0.03	0.81 ± 0.03	0.85 ± 0.02	0.83 ± 0.01	0.79 ± 0.01	0.80 ± 0.02	0.80 ± 0.02	0.92 ± 0.02	0.81 ± 0.01	
1996-97	0.75 ± 0.02	0.80 ± 0.03	0.87 ± 0.02	0.80 ± 0.02	0.74 ± 0.02	0.84 ± 0.02	0.79 ± 0.02	0.89 ± 0.02	0.82 ± 0.01	
1997-98	0.81 ± 0.02	0.85 ± 0.02	0.87 ± 0.01	0.81 ± 0.01	0.77 ± 0.01	0.81 ± 0.02	0.75 ± 0.01	0.82 ± 0.01	0.80 ± 0.01	
1998-99	0.77 ± 0.02	0.86 ± 0.02	0.89 ± 0.01	0.79 ± 0.01	0.77 ± 0.01	0.83 ± 0.01	0.80 ± 0.01	0.87 ± 0.02	0.83 ± 0.01	
1999-2000	0.86 ± 0.03	0.89 ± 0.04	0.86 ± 0.01	0.79 ± 0.01	0.80 ± 0.02	0.84 ± 0.02	0.83 ± 0.01	0.89 ± 0.02	0.84 ± 0.01	
2000-01	0.79 ± 0.02	0.85 ± 0.02	0.83 ± 0.01	0.78 ± 0.01	0.79 ± 0.01	0.84 ± 0.02	0.84 ± 0.01	0.89 ± 0.02	0.83 ± 0.01	
2001-02	0.81 ± 0.03	0.86 ± 0.02	0.86 ± 0.02	0.81 ± 0.01	0.80 ± 0.02	0.82 ± 0.02	0.82 ± 0.01	0.91 ± 0.02	0.84 ± 0.01	
2002-03	0.88 ± 0.02	0.89 ± 0.03	0.85 ± 0.01	0.78 ± 0.01	0.80 ± 0.01	0.85 ± 0.03	0.81 ± 0.01	0.86 ± 0.01	0.83 ± 0.01	
All species combined ^b										
1974-76		0.41 ± 0.52	0.47 ± 0.40	0.53 ± 0.33	0.40 ± 0.22	0.52 ± 0.59	0.60 ± 0.30	0.68 ± 0.63	0.51 ± 0.18	
1976-77		0.46 ± 0.56	0.54 ± 0.43	1.28 ± 3.50	0.39 ± 0.29	0.50 ± 0.46	0.56 ± 0.55	0.62 ± 1.03	0.57 ± 0.38	
1977-78		0.43 ± 0.72	0.62 ± 0.65	0.62 ± 0.36	0.44 ± 0.43	0.56 ± 1.04	0.50 ± 0.24	0.77 ± 1.34	0.54 ± 0.40	
1978-79		0.76 ± 4.54	0.58 ± 0.39	0.72 ± 0.89	0.42 ± 0.38	0.49 ± 0.27	0.59 ± 0.43	0.81 ± 2.63	0.68 ± 1.35	
1979-80		0.28 ± 0.17	0.64 ± 0.36	0.64 ± 0.65	0.44 ± 0.14	0.77 ± 1.36	0.53 ± 0.20	0.51 ± 0.32	0.52 ± 0.28	
1980-81		0.61 ± 1.46	0.50 ± 0.40	0.61 ± 0.25	0.50 ± 0.16	0.52 ± 0.22	0.46 ± 0.15	0.54 ± 0.19	0.55 ± 0.27	
1981-82		0.51 ± 0.25	0.50 ± 0.18	0.62 ± 0.27	0.49 ± 0.13	0.51 ± 0.20	0.49 ± 0.12	0.64 ± 0.25	0.54 ± 0.09	
1982-83		0.58 ± 0.45	0.55 ± 0.20	0.86 ± 0.57	0.58 ± 0.18	0.52 ± 0.43	0.56 ± 0.17	0.67 ± 0.16	0.61 ± 0.14	
1983-84		0.74 ± 0.05	0.73 ± 0.03	0.84 ± 0.03	0.67 ± 0.04	0.55 ± 0.03	0.69 ± 0.02	0.86 ± 0.05	0.73 ± 0.01	

Table B.6. (Cont'd.)

Species Year	Bay system									
	Sabine Lake ^a	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre	Coastwide	
All species combined ^b (Cont'd.)										
1984-85		0.53 ± 0.03	1.00 ± 0.19	0.97 ± 0.05	0.86 ± 0.08	0.68 ± 0.05	0.63 ± 0.07	0.93 ± 0.06	0.71 ± 0.03	
1985-86		0.73 ± 0.07	0.82 ± 0.11	0.80 ± 0.03	0.87 ± 0.06	0.72 ± 0.09	0.74 ± 0.03	0.92 ± 0.04	0.80 ± 0.03	
1986-87		0.59 ± 0.04	1.01 ± 0.09	0.94 ± 0.03	1.09 ± 0.06	0.80 ± 0.04	0.78 ± 0.02	0.99 ± 0.03	0.83 ± 0.02	
1987-88	0.46 ± 0.03	0.73 ± 0.04	0.91 ± 0.07	1.00 ± 0.03	0.92 ± 0.05	0.80 ± 0.06	0.93 ± 0.03	1.09 ± 0.03	0.82 ± 0.01	
1988-89	0.69 ± 0.05	0.63 ± 0.04	0.99 ± 0.12	0.95 ± 0.03	1.02 ± 0.05	0.94 ± 0.07	0.94 ± 0.02	1.08 ± 0.03	0.87 ± 0.02	
1989-90	0.61 ± 0.04	0.59 ± 0.03	1.33 ± 0.14	1.19 ± 0.05	1.29 ± 0.07	1.07 ± 0.07	1.02 ± 0.03	1.23 ± 0.05	0.94 ± 0.02	
1990-91	0.60 ± 0.06	0.61 ± 0.04	1.18 ± 0.13	1.33 ± 0.09	1.28 ± 0.06	1.17 ± 0.06	0.97 ± 0.09	1.28 ± 0.09	0.85 ± 0.03	
1991-92	0.62 ± 0.02	0.54 ± 0.04	0.92 ± 0.06	1.13 ± 0.05	1.23 ± 0.05	0.96 ± 0.10	0.92 ± 0.03	0.94 ± 0.04	0.82 ± 0.02	
1992-93	0.59 ± 0.03	0.65 ± 0.04	0.97 ± 0.05	1.15 ± 0.04	1.09 ± 0.04	0.96 ± 0.04	0.99 ± 0.03	1.04 ± 0.05	0.90 ± 0.01	
1993-94	0.75 ± 0.05	0.66 ± 0.03	0.98 ± 0.07	1.16 ± 0.04	1.35 ± 0.04	1.14 ± 0.05	1.15 ± 0.04	1.14 ± 0.06	1.03 ± 0.02	
1994-95	0.65 ± 0.03	0.69 ± 0.04	1.07 ± 0.05	1.17 ± 0.04	1.25 ± 0.03	1.05 ± 0.05	1.15 ± 0.04	1.24 ± 0.04	1.01 ± 0.01	
1995-96	0.74 ± 0.09	0.73 ± 0.05	1.05 ± 0.04	1.18 ± 0.03	1.25 ± 0.03	1.10 ± 0.06	1.06 ± 0.05	1.20 ± 0.04	1.02 ± 0.02	
1996-97	0.75 ± 0.05	0.82 ± 0.08	1.08 ± 0.04	1.10 ± 0.04	1.16 ± 0.04	1.15 ± 0.11	1.13 ± 0.03	1.19 ± 0.05	0.98 ± 0.02	
1997-98	0.77 ± 0.05	0.76 ± 0.04	1.12 ± 0.06	1.19 ± 0.04	1.19 ± 0.03	1.08 ± 0.09	1.07 ± 0.02	1.25 ± 0.04	1.02 ± 0.02	
1998-99	0.87 ± 0.04	0.85 ± 0.10	1.12 ± 0.05	1.15 ± 0.03	1.16 ± 0.03	1.20 ± 0.06	1.06 ± 0.03	1.19 ± 0.03	1.06 ± 0.02	
1999-2000	1.00 ± 0.06	0.78 ± 0.03	1.13 ± 0.07	1.14 ± 0.03	1.21 ± 0.03	1.03 ± 0.04	1.20 ± 0.03	1.29 ± 0.04	1.10 ± 0.01	
2000-01	0.83 ± 0.03	0.85 ± 0.05	1.14 ± 0.05	1.12 ± 0.04	1.24 ± 0.03	1.30 ± 0.08	1.23 ± 0.02	1.28 ± 0.05	1.11 ± 0.02	
2001-02	0.89 ± 0.04	0.88 ± 0.04	1.24 ± 0.05	1.17 ± 0.03	1.28 ± 0.03	1.30 ± 0.10	1.25 ± 0.03	1.38 ± 0.04	1.16 ± 0.02	
2002-03	1.13 ± 0.09	0.93 ± 0.03	1.05 ± 0.04	1.13 ± 0.03	1.18 ± 0.02	1.21 ± 0.05	1.11 ± 0.03	1.16 ± 0.06	1.10 ± 0.02	

^a Data collected during 1974-76 are not available in comparable format; see Breuer et al. (1977) and Heffernan and Green (1977) for information on these data.

^b Includes "other" species.

Table B.7. Composition (%) of "other" species caught by private-boat anglers in Texas bays and passes by year, bay system, and species (1983-2003). Values represent percentages of the observed coastwide total of "other" species.

Year	Common name	Scientific name	Bay system							Coastwide ^a	
			Sabine Lake	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre		Lower Laguna Madre
1983-84	African pompano	<u>Alectis ciliaris</u>	0.03								0.03
	Alligator gar	<u>Lepisosteus spatula</u>							0.92		0.92
	Atlantic cutlassfish	<u>Trichiurus lepturus</u>					0.26	0.03			0.30
	Atlantic needlefish	<u>Strongylura marina</u>		0.03							0.03
	Atlantic sharpnose shark	<u>Rhizoprionodon terraenovae</u>	0.10				0.07				0.16
	Atlantic spadefish	<u>Chaetodipterus faber</u>	0.59						0.03		0.63
	Atlantic stingray	<u>Dasyatis sabina</u>	0.23				0.03				0.30
	Banded drum	<u>Larimus fasciatus</u>					0.03		0.03		0.03
	Barred grunt	<u>Conodon nobilis</u>									0.03
	Bighead searobin	<u>Prionotus tribulus</u>			0.46	0.03	0.03				0.07
	Blacktip shark	<u>Carcharhinus limbatus</u>			0.26	1.98					1.22
	Blue catfish	<u>Ictalurus furcatus</u>	13.18						0.30		15.42
	Blue runner	<u>Caranx crysos</u>							0.03		0.03
	Bluesh	<u>Pomatomus saltatrix</u>	1.19					0.03			1.42
	Bluntnose jack	<u>Hemicarax amblyrhynchus</u>							0.13		0.03
	Bonnethead	<u>Sphyrna tiburo</u>			0.10	0.26			0.03		0.46
	Bull shark	<u>Carcharhinus leucas</u>			0.10	0.07			0.10		0.16
	Channel catfish	<u>Ictalurus punctatus</u>	1.29								1.38
	Cobia	<u>Rachycentron canadum</u>						0.03			0.03
	Common carp	<u>Cyprinus carpio</u>								0.07	0.07
	Common snook	<u>Centropomus undecimalis</u>								0.30	0.33
	Crevalle jack	<u>Caranx hippos</u>	0.16		0.07	0.26		0.03			0.82
	Dog snapper	<u>Lutjanus jocu</u>							0.10		0.03
	Finetooth shark	<u>Carcharhinus isodon</u>				0.03			0.03		0.07
	Florida pompano	<u>Trachinotus carolinus</u>	0.13			0.07		0.03			0.33
	Gray snapper	<u>Lutjanus griseus</u>						0.03		0.10	0.40
	Gray triggerfish	<u>Balistes capricus</u>			0.03	0.10		0.03		0.16	0.30
	Gulf flounder	<u>Paralichthys albigutta</u>				0.03		0.46		2.17	4.35
	Gulf kingfish	<u>Menticirrhus littoralis</u>	0.26		0.30	0.76		0.23		0.13	1.75
	Gulf toadfish	<u>Opsanus beta</u>	0.03						0.03		0.07
	Hardhead catfish	<u>Arius felis</u>	2.41		0.16	0.99		0.03		0.89	6.33
	Inshore lizardfish	<u>Synodus foetens</u>							0.10		0.10
	Jack sp.	Family Carangidae	0.03								0.03
	King mackerel	<u>Scomberomorus cavalla</u>									0.20
	Ladyfish	<u>Elops saurus</u>			0.03	0.03		0.07			1.15
	Lane snapper	<u>Lutjanus synagris</u>							0.40		0.03
	Needlefish sp.	Family Belontiidae									0.07
	Orange filefish	<u>Aluterus schoepfi</u>	0.07								0.03
	Permit	<u>Trachinotus falcatus</u>	0.03						0.03		0.03

Table B-7. (Cont'd.)

Year	Common name	Scientific name	Bay system										Coastwide ^a
			Sabine Lake	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre			
1984-85 (Cont'd.)													
	Gag	<u>Mycroperca microlepis</u>											0.06
	Gray triggerfish	<u>Ballistes capriscus</u>	0.06		0.40				1.14			0.06	1.60
	Great hammerhead	<u>Sphyrna mokarran</u>	0.06										0.06
	Greater amberjack	<u>Seriola dumerili</u>											0.06
	Guif flounder	<u>Paralichthys albigutta</u>				0.11		0.06	1.14	0.11		0.63	2.05
	Guif kingfish	<u>Menticirrhus littoralis</u>	0.34		0.23	0.40						0.29	1.25
	Gulf menhaden	<u>Brevoortia patronus</u>											0.06
	Hardhead catfish	<u>Arius felis</u>	9.64		0.57	1.08		0.51	0.86	0.57		10.09	23.32
	King mackerel	<u>Scomberomorus cavalla</u>			0.06				0.06				0.11
	Ladyfish	<u>Elops saurus</u>	0.51		0.46	0.17		0.06	0.06	0.23		0.57	2.05
	Molly miller	<u>Scartella cristata</u>										0.34	0.34
	Ocellated flounder	<u>Ancylosetta quadrocellata</u>	0.06										0.06
	Pigfish	<u>Orthopristis chrysoptera</u>	6.67		0.34			0.23	1.77	0.11		0.23	9.35
	Pinfish	<u>Lagodon rhomboides</u>	3.25		0.11			0.17	0.11	0.29			4.22
	Pompano dolphin	<u>Coryphaena equisetis</u>											0.06
	Red snapper	<u>Lutjanus campechanus</u>				0.29							2.74
	Requiem shark sp.	Family Carcharhinidae				0.06							0.06
	Sandbar shark	<u>Carcharhinus plumbeus</u>	0.06		2.28	0.11			0.23			0.11	2.74
	Scalloped hammerhead	<u>Sphyrna lewini</u>			0.06								0.11
	Sea bass sp.	Family Serranidae			0.06								0.06
	Searobin sp.	Family Triglidae	0.06										0.06
	Silver perch	<u>Bairdiella chrysoura</u>	4.22		3.02				0.46	0.11		0.29	8.10
	Silver seatrout	<u>Cynoscion nothus</u>	0.17										0.17
	Smalleye hammerhead	<u>Sphyrna tudes</u>											0.06
	Smallmouth buffalo	<u>Ictiobus bubalus</u>			0.06								0.06
	Smooth puffer	<u>Lagocephalus laevis</u>											0.06
	Southern kingfish	<u>Menticirrhus americanus</u>	2.74		2.91	2.39		0.23	1.43	0.34		0.06	23.15
	Southern stingray	<u>Dasyatis americana</u>			0.06								0.06
	Spanish mackerel	<u>Scomberomorus maculatus</u>	0.34		0.23				0.51	0.06		0.06	1.20
	Spot	<u>Leiostomus xanthurus</u>							0.40				0.40
	Stingray sp.	Family Dasyatidae	0.06										0.06
	Striped burrfish	<u>Chilomycterus schoenfi</u>	0.06										0.06
	Striped mullet	<u>Mugil cephalus</u>											0.06
	Tarpon	<u>Megalops atlanticus</u>											1.60
	Tripletail	<u>Lobotes surinamensis</u>											0.06
	Vermilion snapper	<u>Rhomboplites aurorbens</u>			0.17				0.06				0.17
1985-86													
	Alligator gar	<u>Lepisosteus spatula</u>											0.24
	Atlantic cutlassfish	<u>Trichiurus lepturus</u>			0.14								0.14
	Atlantic needlefish	<u>Strongylura marina</u>								0.05			0.05

Table B.7. (Cont'd.)

Year	Common name	Scientific name	Bay system										Coastwide ^a
			Sabine Lake	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre			
1985-86 (Cont'd.)													
	Requiem shark sp.	Family Carcharhinidae			0.05	0.47				0.05			0.57
	Rock hind	<u>Epinephelus adscensionis</u>										0.05	0.05
	Silver perch	<u>Bairdiella chrysoura</u>	0.57		0.28	0.19		0.05		0.52	0.61	0.71	2.93
	Silver seatrout	<u>Cynoscion nothus</u>	0.09		0.05								0.09
	Smalleye hammerhead	<u>Sphyrna tudes</u>											0.05
	Smooth dogfish	<u>Mustelus canis</u>	0.47										0.47
	Smooth puffer	<u>Lagocephalus laevis</u>	0.05			0.09					0.05		0.24
	Snapper sp.	Family Lutjanidae			0.05	0.14							0.19
	Snowy grouper	<u>Epinephelus niveatus</u>							0.05				0.05
	Southern kingfish	<u>Menticirrhus americanus</u>	2.74		4.44	0.90		0.33		1.37	0.47	5.62	15.86
	Southern stingray	<u>Dasyatis americana</u>	0.05							0.38			0.05
	Spanish mackerel	<u>Scomberomorus maculatus</u>	1.75		0.28	0.19				0.38		0.05	2.60
	Spot	<u>Leiostomus xanthurus</u>	0.05							1.70			0.47
	Striped mullet	<u>Mugil cephalus</u>	0.05										2.03
	Sunfish sp.	Family Centrarchidae	0.05							0.05			0.05
	Tripletail	<u>Lobotes surinamensis</u>	0.05		0.28					0.14			0.38
	Warsaw grouper	<u>Epinephelus nigritus</u>			0.05							0.05	0.24
1986-87													
	Alligator gar	<u>Lepisosteus spatula</u>			0.05					0.55		0.05	0.05
	Atlantic cutlassfish	<u>Trichiurus lepturus</u>									0.05	0.40	1.00
	Atlantic needlefish	<u>Strongylura marina</u>									0.05		0.05
	Atlantic sharpnose shark	<u>Rhizoprionodon terraenovae</u>	0.45		2.40	0.05				0.10			3.10
	Atlantic spadefish	<u>Chaetodipterus faber</u>	0.40		0.05					0.05			0.50
	Atlantic stingray	<u>Dasyatis sabina</u>	0.05		0.05	0.05				0.10			0.35
	Barred grunt	<u>Conodon nobilis</u>	0.05										0.05
	Blacktip shark	<u>Carcharhinus limbatus</u>	0.10		0.85	0.95		0.05		0.10			2.05
	Blue catfish	<u>Ictalurus furcatus</u>	7.60		0.15	0.70							8.45
	Blue runner	<u>Caranx crysos</u>	0.05					0.05					0.10
	Bluefish	<u>Pomatomus saltatrix</u>	0.20									0.30	0.50
	Bluntnose stingray	<u>Dasyatis say</u>	0.40										0.05
	Bonnethead	<u>Sphyrna tiburo</u>	0.40		0.90	0.15				0.05			1.50
	Bony fish sp.	Class Osteichthyes									0.05		0.45
	Bull shark	<u>Carcharhinus leucas</u>	0.05		0.10					0.05			0.20
	Channel catfish	<u>Ictalurus punctatus</u>	1.75			0.15							1.90
	Cobia	<u>Rachycentron canadum</u>			0.05								0.05
	Cownose ray	<u>Rhinoptera bonasus</u>				0.05							0.05
	Crevalle jack	<u>Caranx hippos</u>	0.10		0.05	0.05				0.05	0.15	0.05	0.45
	Dusky shark	<u>Carcharhinus obscurus</u>	0.85										0.85
	Flathead catfish	<u>Pylodictis olivaris</u>	0.10										0.10
	Florida pompano	<u>Trachinotus carolinus</u>			0.10	0.15		0.05		0.05	0.10	0.15	0.60

Table B.7. (Cont'd.)

Year	Common name	Scientific name	Bay system										Coastwide ^a			
			Sabine Lake	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre						
1987-88 (Cont'd.)	Atlantic sharpnose shark	<u>Rhizoprionodon terraenovae</u>			0.71	0.21	0.32		0.04							1.27
	Atlantic spadefish	<u>Chaetodipterus faber</u>	0.04	0.60												0.64
	Atlantic stingray	<u>Dasyatis sabina</u>		0.04		0.04										0.07
	Barred grunt	<u>Conodon nobilis</u>		0.04												0.42
	Bighead searobin	<u>Prionotus tribulus</u>						0.04			0.04					0.11
	Black margate	<u>Anisotremus surinamensis</u>														0.04
	Blacktip shark	<u>Carcharhinus limbatus</u>	0.04	0.21	1.45			0.07								1.84
	Blue catfish	<u>Ictalurus furcatus</u>	0.35	1.56	0.96											2.90
	Blue runner	<u>Caranx crysos</u>														0.04
	Bluefish	<u>Pomatomus saltatrix</u>	0.04			0.07										0.64
	Bluegill	<u>Lepomis macrochirus</u>	0.32													0.32
	Bluntnose stingray	<u>Dasyatis say</u>		0.07												0.07
	Bonnethead	<u>Sphyrna tiburo</u>		0.11	0.28	0.46										0.88
	Bony fish sp.	Class Osteichthyes		0.04												0.07
	Bull shark	<u>Carcharhinus leucas</u>	0.07			0.04										0.11
	Channel catfish	<u>Ictalurus punctatus</u>		0.39	0.18											0.57
	Cobia	<u>Rachycentron canadum</u>						0.04								0.04
	Crevalle jack	<u>Caranx hippos</u>	0.04	0.25	0.18	0.07										0.04
	Dolphin	<u>Coryphaena hippurus</u>										0.11				0.74
	Florida pompano	<u>Trachinotus carolinus</u>			0.04	0.04		0.04								0.04
	Gray snapper	<u>Lutjanus griseus</u>				0.04		0.04								0.18
	Gray triggerfish	<u>Balistes capricus</u>	0.04		0.39	0.04		0.04								0.74
	Great hammerhead	<u>Sphyrna mokarran</u>			0.04											0.42
	Gulf flounder	<u>Paralichthys lethralis</u>				0.04		0.60				1.59				0.04
	Gulf kingfish	<u>Menticirrhus littoralis</u>			0.07	0.35										0.64
	Gulf menhaden	<u>Brevoortia patronus</u>														0.04
	Hairy bienny	<u>Labrisomus nuchipinnis</u>														0.04
	Hardhead catfish	<u>Arius felis</u>	8.31	5.80	1.20	0.11										0.04
	Inshore lizardfish	<u>Synodus foetens</u>						2.19				0.21				19.46
	Killifish sp.	Family Cyprinodontidae	1.06													1.06
	King mackerel	<u>Scomberomorus cavalla</u>														0.35
	Ladyfish	<u>Elops saurus</u>	0.60	0.39	0.74	0.21		0.25				0.64				3.64
	Lane snapper	<u>Lutjanus synagris</u>														0.04
	Largemouth bass	<u>Micropterus salmoides</u>														0.25
	Little tunny	<u>Euthynnus alletteratus</u>	0.25													0.04
	Longnose gar	<u>Lepisosteus osseus</u>			0.25											0.25
	Lookdown	<u>Selene vomer</u>														0.04
	Moray sp.	Family Muraenidae														0.04
	Pigfish	<u>Orthopristis chrysoptera</u>	0.92	8.03	0.18	0.07	2.83					1.63				14.86
	Pinfish	<u>Lagodon rhomboides</u>	0.35	1.45		0.46	2.79					3.04				9.87

Table B.7. (Cont'd.)

Year	Common name	Scientific name	Bay system										Coastwide *
			Sabine Lake	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre			
1989-90 (Cont'd.)													
	Largemouth bass	<u>Micropterus salmoides</u>	1.64										1.64
	Lemon shark	<u>Negaprion brevirostris</u>		3.40	0.68		0.17	0.28					0.17
	Pigfish	<u>Orthopristis chrysoptera</u>	0.23	1.42	0.34		0.06	0.06		1.25	1.02	0.23	0.17
	Pinfish	<u>Lagodon rhomboides</u>	0.11		0.06		0.23	0.40		0.23	6.00	0.28	7.13
	Red snapper	<u>Lutjanus campechanus</u>						0.06				0.23	9.00
	Redear sunfish	<u>Lepomis microlophus</u>	0.11										0.34
	Requiem shark sp.	Family <u>Carcharhinidae</u>		0.11			0.17						0.11
	Scalloped hammerhead	<u>Sphyrna lewini</u>					0.06			0.06			0.28
	Sea bass sp.	Family <u>Serranidae</u>					0.06						0.06
	Searobin sp.	Family <u>Triglidae</u>								0.06			0.11
	Silver jenny	<u>Eucinostomus gula</u>								0.11		0.06	0.11
	Silver perch	<u>Bairdiella chrysoura</u>	1.19	0.85	0.62		0.11			0.57	0.23	0.06	0.06
	Silver seatrout	<u>Cynoscion nothus</u>	0.11				1.70			0.06		0.06	3.62
	Southern kingfish	<u>Menticirrhus americanus</u>		3.51	1.87		0.85	0.11		0.79		3.79	1.87
	Southern stingray	<u>Dasyatis americana</u>	0.11	0.06									10.93
	Spanish mackerel	<u>Scomberomorus maculatus</u>	1.19	1.42	1.08			0.17		2.55	0.06	0.23	6.68
	Spinner shark	<u>Carcharhinus brevipingna</u>								0.06			0.06
	Spot	<u>Leiostomus xanthurus</u>	0.06										0.06
	Spotted gar	<u>Lepisosteus oculatus</u>	0.06										0.06
	Striped bass	<u>Morone saxatilis</u>		0.06									0.06
	Striped mullet	<u>Mugil cephalus</u>	1.13				0.06				0.96		0.06
	Warsaw grouper	<u>Epinephelus nigritus</u>						0.06					2.15
	White crappie	<u>Pomoxis annularis</u>	1.13										0.06
	Yellow bass	<u>Morone mississippiensis</u>	0.62										1.13
1990-91													
	Alligator gar	<u>Lepisosteus spatula</u>	0.13										0.34
	Atlantic cutlassfish	<u>Trichiturus lepturus</u>											0.25
	Atlantic sharpnose shark	<u>Rhizoprionodon terraenovae</u>			1.40		0.30			0.17			3.05
	Atlantic spadefish	<u>Chaetodipterus faber</u>	0.13										0.25
	Atlantic stingray	<u>Dasyatis sabina</u>	0.04	0.13	0.04		0.34	0.04					0.76
	Bighead searobin	<u>Prionotus tribulus</u>	0.04										0.04
	Black crappie	<u>Pomoxis nigromaculatus</u>	0.08										0.08
	Blacktip shark	<u>Carcharhinus limbatus</u>		0.04	0.81		0.08	0.08		0.17		0.04	0.08
	Blue catfish	<u>Ictalurus furcatus</u>	2.88	19.85	2.54		0.04						25.32
	Bluefish	<u>Pomatomus saltatrix</u>	0.04	0.04			0.13						0.21
	Bluegill	<u>Lepomis macrochirus</u>	1.23										1.23
	Bluntnose jack	<u>Hemicarax amblyrhynchus</u>	0.25										0.25
	Bonnethead	<u>Sphyrna tiburo</u>			0.64		0.38			0.04		0.08	1.19
	Bony fish sp.	Class <u>Osteichthyes</u>											0.08
	Bull shark	<u>Carcharhinus leucas</u>			0.21		0.17						0.38

Table B.7. (Cont'd.)

Year	Common name	Scientific name	Bay system										Coastwide ^a		
			Sabine Lake	Galveston	Matagorda	San Antonio	Araansas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre					
1992-93 (Cont'd.)	Striped mullet	<u>Mugil cephalus</u>	0.17	0.22		0.22									0.61
	Warmouth	<u>Lepomis gulosus</u>	0.56	0.09											0.65
	White bass	<u>Morone chrysops</u>		0.30					0.04						0.35
	White crappie	<u>Pomoxis annularis</u>	0.95												0.52
	Yellow bass	<u>Morone mississippiensis</u>	0.04												0.04
1993-94	Alligator gar	<u>Lepisosteus spatula</u>	0.48		0.10	0.03	0.03	0.03					0.06		0.73
	Atlantic cutlassfish	<u>Trichiurus lepturus</u>		0.29									0.03		0.29
	Atlantic needlefish	<u>Strongylura marina</u>													0.03
	Atlantic sharpnose shark	<u>Rhizoprionodon terraenovae</u>	0.13	0.03	0.03	0.03	0.03	0.03	0.03	0.03					0.25
	Atlantic spadefish	<u>Chaetodipterus faber</u>	0.06	0.83	0.03				0.10						1.02
	Atlantic stingray	<u>Dasyatis sabina</u>	0.06	0.13		0.03	0.03	0.03	0.10		0.10				0.51
	Bighead searobin	<u>Prionotus tribulus</u>				0.03	0.03								0.03
	Blacktip shark	<u>Carcharhinus limbatus</u>			0.16	0.19	0.03		0.03				0.10		0.48
	Blue catfish	<u>Ictalurus furcatus</u>	4.48	10.48	1.65	0.38									16.99
	Blue runner	<u>Caranx crysos</u>											0.03		0.03
	Bluefish	<u>Pomatomus saltatrix</u>		0.32					0.06						0.38
	Bonnethead	<u>Sphyrna tiburo</u>		0.10	0.06										0.16
	Bony fish sp.	<u>Class Osteichthyes</u>		0.13											0.35
	Bull shark	<u>Carcharhinus leucas</u>						0.13							0.19
	Channel catfish	<u>Ictalurus punctatus</u>	0.32	3.78	0.06	0.22	0.06								4.38
	Comb grouper	<u>Mycteroperca rubra</u>													0.03
	Common snook	<u>Centropomus undecimalis</u>													0.13
	Crevalle jack	<u>Caranx hippos</u>	0.13		0.10	0.06	0.06								0.29
	Dolphin	<u>Coryphaena hippurus</u>													0.03
	Finetooth shark	<u>Carcharhinus isodon</u>			0.10	0.38	0.03								0.03
	Flathead catfish	<u>Pylodictis olivaris</u>				0.03	0.03								0.48
	Florida pompano	<u>Trachinotus carolinus</u>		0.06	0.03	0.03	0.03								0.03
	Freshwater drum	<u>Aplodinotus grunniens</u>	0.06	0.83					0.06				0.10		0.32
	Gizzard shad	<u>Dorosoma cepedianum</u>		0.03											0.89
	Gray snapper	<u>Lutjanus griseus</u>		0.25	0.86		0.03								0.03
	Gray triggerfish	<u>Balistes capricus</u>													4.57
	Great hammerhead	<u>Sphyrna mokarran</u>					0.03						0.95		0.16
	Gulf flounder	<u>Paralichthys albigutta</u>					0.13	0.03							0.03
	Gulf kingfish	<u>Menticirrhus albigutta</u>		0.38	0.03	0.13	0.13	0.41	0.67				0.16		1.37
	Gulf toadfish	<u>Menticirrhus littoralis</u>		0.22			0.13	1.40	0.13				0.03		2.10
	Hardhead catfish	<u>Opsanus beta</u>													0.22
	Horse-eye jack	<u>Arius felis</u>	2.22	3.02	1.11	1.05	0.60		0.22				1.94		10.42
	King mackerel	<u>Scomberomorus cavalla</u>		0.03					0.38						0.03
				0.16					0.38				0.06		0.60

Table B.7. (Cont'd.)

Year	Common name	Scientific name	Bay system										Coastwide ^a
			Sabine Lake	Galveston	Matagorda	San Antonio	Arañas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre			
1993-94 (Cont'd.)													
	Ladyfish	<u>Elops saurus</u>	0.03	0.10	0.06	0.19	0.16	0.13	0.06	0.57			1.30
	Largemouth bass	<u>Micropterus salmoides</u>	1.27	0.16									1.43
	Little tunny	<u>Euthynnus alletteratus</u>					13.78	0.03					0.03
	Mullet sp.	Family Mugilidae				0.06							13.78
	Northern kingfish	<u>Menticirrhus saxatilis</u>											0.06
	Ocellated flounder	<u>Ancylosetta quadrocellata</u>											0.03
	Pigfish	<u>Orthopristis chrysoptera</u>	0.19	1.56	0.16	0.03	0.64	1.05	0.19	0.54			3.72
	Pinfish	<u>Lagodon rhomboides</u>		3.02	0.06	0.16		1.59	0.67	0.95			7.08
	Red snapper	<u>Lutjanus campechanus</u>		0.19	0.03			0.06		0.19			0.48
	Requiem shark sp.	Family Carcharhinidae								0.03			0.03
	Sandbar shark	<u>Carcharhinus plumbeus</u>				0.06							0.06
	Scalloped hammerhead	<u>Sphyrna lewini</u>				0.06							0.06
	Silver perch	<u>Bairdiella chrysoura</u>	0.22	0.35	0.22	0.54		1.33	0.41	1.14			4.22
	Silver searout	<u>Cynoscion nothus</u>		0.03	0.16	0.16							0.35
	Smallmouth buffalo	<u>Actiobus bubalus</u>	0.03										0.03
	Smooth puffer	<u>Lagocephalus laevigatus</u>		0.03									0.03
	Southern kingfish	<u>Menticirrhus americanus</u>	0.06	3.87	1.05	0.38	0.16	0.48	0.03	4.57			10.61
	Spanish mackerel	<u>Scomberomorus maculatus</u>	1.02	1.56	0.38			0.10		0.06			3.11
	Spot	<u>Leiostomus xanthurus</u>	0.03										0.03
	Spot tail pinfish	<u>Diplodus holbrooki</u>			0.03								0.03
	Spotted gar	<u>Lepisosteus oculatus</u>			0.03								0.06
	Stingray sp.	Family Dasyatidae			0.03								0.10
	Striped mullet	<u>Mugil cephalus</u>	2.70	1.43		0.03				1.33			5.49
	Tripletail	<u>Lobotes surinamensis</u>	0.03							0.03			0.06
	White bass	<u>Morone chrysops</u>											0.03
	White crappie	<u>Pomoxis annularis</u>	0.03										0.03
	Yellow bass	<u>Morone mississippiensis</u>	0.03										0.03
	Yellow bullhead	<u>Ameiurus natalis</u>	0.13										0.16
1994-95													
	Alligator gar	<u>Lepisosteus spatula</u>	0.24	0.10	0.07		0.07	0.02					0.48
	Atlantic cutlassfish	<u>Trichiurus lepturus</u>		0.07									0.10
	Atlantic needlefish	<u>Strongylura marina</u>			0.48		0.05	0.26		0.02			0.02
	Atlantic sharpnose shark	<u>Rhizoprionodon terraenovae</u>				0.12		0.19					1.00
	Atlantic spadefish	<u>Chaetodipterus faber</u>	0.10	0.12	0.02	0.05		0.02					0.40
	Atlantic stingray	<u>Dasvatis sabina</u>	0.02	0.07	0.02			0.02		0.02			0.21
	Barred grunt	<u>Conodon nobilis</u>											0.02
	Blacktip shark	<u>Carcharhinus limbatus</u>	0.02	0.19	0.48	0.29	0.02	0.07		0.02			0.02
	Blue catfish	<u>Ictalurus furcatus</u>	2.49	13.28	5.11	0.76							21.64
	Blue runner	<u>Caranx crysos</u>		0.33									0.33
	Bluefish	<u>Pomatomus saltatrix</u>	0.02	0.21	0.02		0.02						0.31

Table B.7. (Cont'd.)

Year	Common name	Scientific name	Bay system										Coastwide *	
			Sabine Lake	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre				
1995-96 (Cont'd.)	Florida pompano	<u>Trachinotus carolinus</u>	0.08	0.08	0.06	0.06	0.08	0.06	0.06	0.03	0.03	0.03	0.03	0.39
	Flounder sp.	Genus <u>Paralichthys</u>	0.03	0.06	0.08	0.06	0.06	0.06	0.06	0.03	0.03	0.03	2.31	0.06
	Freshwater drum	<u>Aplodinotus grunniens</u>	0.03	0.03	0.19	0.03	0.03	0.03	0.03	1.59	0.03	0.03	2.31	0.17
	Gray snapper	<u>Lutjanus griseus</u>	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	4.21
	Gray triggerfish	<u>Balistes caprisicus</u>			0.06	0.06	0.31	0.31	0.81	0.81	0.08	0.50	0.06	0.06
	Gulf flounder	<u>Paralichthys albigutta</u>	0.14	0.03	0.03	0.06	0.67	0.17	0.25	0.25	0.08	0.11	0.17	0.17
	Gulf killifish	<u>Fundulus grandis</u>	0.03	0.56	0.70	0.70	0.03	0.42	0.39	0.39	0.47	0.97	2.48	2.48
	Gulf kingfish	<u>Menticirrhus littoralis</u>	3.43	0.03	0.45	0.45	0.03	0.03	0.03	0.03	0.03	0.11	3.87	3.87
	Gulf menhaden	<u>Brevoortia patronus</u>	1.95	2.06	0.75	0.75	0.06	0.42	0.39	0.39	0.47	0.97	8.75	8.75
	Gulf toadfish	<u>Opsanus beta</u>	6.24	2.51	0.03	0.03	0.06	0.42	0.39	0.39	0.47	0.97	0.06	0.06
	Hardhead catfish	<u>Arius felis</u>	0.03	0.03	0.03	0.03	0.06	0.42	0.39	0.39	0.47	0.97	7.08	7.08
	Herring sp.	Family <u>Clupeidae</u>	0.03	0.03	0.03	0.03	0.06	0.42	0.39	0.39	0.47	0.97	8.75	8.75
	Inshore lizardfish	Family <u>Cyprinodontidae</u>	0.03	0.03	0.03	0.03	0.06	0.42	0.39	0.39	0.47	0.97	0.03	0.03
	Killifish sp.	Family <u>Synbranchiidae</u>	0.03	0.03	0.03	0.03	0.06	0.42	0.39	0.39	0.47	0.97	0.03	0.03
	King mackerel	<u>Scomberomorus cavalla</u>	0.06	0.03	0.14	0.14	0.06	0.14	0.19	0.19	0.19	0.14	0.92	0.92
	Ladyfish	<u>Elops saurus</u>	0.19	0.19	0.14	0.14	0.06	0.14	0.19	0.19	0.19	0.14	0.22	0.22
	Lane snapper	<u>Lutjanus synagris</u>	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.19	0.19
	Largemouth bass	<u>Micropterus salmoides</u>	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
	Little tunny	<u>Euthynnus alletteratus</u>	0.25	0.78	0.31	0.31	0.03	0.06	0.64	0.64	0.45	0.33	0.03	0.03
	Mullet sp.	Family <u>Mugilidae</u>	2.40	1.78	0.17	0.17	0.06	0.08	0.42	0.42	0.92	0.22	2.90	2.90
	Northern kingfish	<u>Menticirrhus saxatilis</u>	0.25	0.78	0.31	0.31	0.03	0.06	0.64	0.64	0.45	0.33	0.03	0.03
	Pigfish	<u>Orthopristis chrysoptera</u>	2.40	1.78	0.17	0.17	0.06	0.08	0.42	0.42	0.92	0.22	6.04	6.04
	Pinfish	<u>Lagodon rhomboides</u>	0.75	0.75	0.17	0.17	0.06	0.08	0.42	0.42	0.92	0.22	1.03	1.03
	Red snapper	<u>Lutjanus campechanus</u>	0.25	0.75	0.17	0.17	0.06	0.08	0.42	0.42	0.92	0.22	0.14	0.14
	Requiem shark sp.	Family <u>Carcharhinidae</u>	0.28	1.00	0.61	0.61	0.03	0.33	0.03	0.03	1.31	0.33	0.28	0.28
	Shark sp.	Order <u>Lamniformes/Squaliformes</u>	0.28	1.00	0.61	0.61	0.17	0.33	0.03	0.03	1.31	0.33	4.07	4.07
	Silver perch	<u>Bairdiella chrysoura</u>	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.17	0.17
	Silver seatrout	<u>Cynoscion nothus</u>	0.06	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
	Southern hake	<u>Urophycis floridana</u>	0.06	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
	Southern kingfish	<u>Menticirrhus americanus</u>	0.64	2.40	1.28	1.28	0.36	0.14	1.39	1.39	0.17	3.31	9.14	9.14
	Spanish mackerel	<u>Scomberomorus maculatus</u>	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	4.68	4.68
	Spinner shark	<u>Carcharhinus brevipinna</u>	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.17	0.17
	Spot	<u>Leiostomus xanthurus</u>	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.17	0.17
	Striped bass	<u>Morone saxatilis</u>	9.42	1.39	0.70	0.70	0.95	0.03	0.03	0.03	0.03	0.03	12.51	12.51
	Striped mullet	<u>Mugil cephalus</u>	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.33	0.33
	Tripletail	<u>Lobotes surinamensis</u>	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.42	0.42
	White bass	<u>Morone chrysops</u>	0.56	0.36	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.72	0.72
	White mullet	<u>Mugil curema</u>	0.56	0.36	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.72	0.72

Table B.7. (Cont'd.)

Year	Common name	Scientific name	Bay system										Coastwide ^a	
			Sabine Lake	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre				
1996-97 (Cont'd.)	Silver seatrout	<u>Cynoscion nothus</u>		0.92	0.02	1.24					0.02			2.21
	Snapper sp.	Family Lutjanidae	0.02											0.02
	Southern kingfish	<u>Menticirrhus americanus</u>	1.67	5.19	3.01	0.73		0.66		0.63	0.12	1.48		13.50
	Spanish mackerel	<u>Scomberomorus maculatus</u>	0.24	7.35	1.21	0.10		0.05		0.34		0.02		9.32
	Speckled worm eel	<u>Myrophis punctatus</u>			0.05									0.05
	Spinner shark	<u>Carcharhinus brevipinna</u>		0.46										0.46
	Spot	<u>Leiostomus xanthurus</u>	0.27											0.27
	Spotted gar	<u>Lepisosteus oculatus</u>	0.07											0.07
	Striped bass	<u>Morone saxatilis</u>		0.05										0.05
	Striped mullet	<u>Mugil cephalus</u>	2.86	0.63	0.70	0.19		0.10				0.32		4.81
	Threadfin shad	<u>Dorosoma petenense</u>	0.02											0.02
	Tripletail	<u>Lobotes surinamensis</u>			0.05									0.05
	White crappie	<u>Pomoxis annularis</u>	0.05											0.05
	White mullet	<u>Mugil curema</u>	1.46									0.17		1.63
1997-98	Alligator gar	<u>Lepisosteus spatula</u>	0.77	0.03	0.03									0.84
	Atlantic cutlassfish	<u>Trichiurus lepturus</u>	0.03	0.10	0.03						0.03			0.16
	Atlantic needlefish	<u>Strongylura marina</u>												0.03
	Atlantic sharpnose shark	<u>Rhizoprionodon terraenovae</u>	0.61	0.16	0.03	0.06				0.06				0.93
	Atlantic spadefish	<u>Chaetodipterus faber</u>	1.35	0.13						0.42				1.90
	Atlantic stingray	<u>Dasyatis sabina</u>	0.06	0.06	0.06	0.03		0.03		0.10	0.06			0.45
	Barred grunt	<u>Conodon nobilis</u>								0.06				0.06
	Blacktip shark	<u>Carcharhinus limbatus</u>	0.06	0.16	1.35	0.84		0.06		0.06				2.55
	Blue catfish	<u>Ictalurus furcatus</u>	1.03	2.00	7.28	3.38				0.06				13.70
	Bluefish	<u>Pomatomus saltatrix</u>	0.03	0.10				0.29		0.03	0.06			0.48
	Bluegill	<u>Lepomis macrochirus</u>												0.03
	Bonnethead	<u>Sphyrna tiburo</u>		0.19	0.55	0.23				0.06		0.03		1.06
	Bony fish sp.	Class Osteichthyes									0.29			0.29
	Bull shark	<u>Carcharhinus leucas</u>			0.03									0.03
	Channel catfish	<u>Ictalurus punctatus</u>	0.55	0.26	0.64									1.45
	Cobia	<u>Rachycentron canadum</u>	0.19	0.10										0.10
	Crevalle jack	<u>Caranx hippos</u>		0.16						0.03		0.10		0.58
	Dusky shark	<u>Carcharhinus obscurus</u>												0.03
	Finetooth shark	<u>Carcharhinus isodon</u>												0.03
	Flathead catfish	<u>Pylodictis olivaris</u>			0.13									0.13
	Florida pompano	<u>Trachinotus carolinus</u>	0.10	0.06	0.03	0.06		0.03		0.16		0.13		0.58
	Freshwater drum	<u>Aplodinotus grunniens</u>			0.23									0.23
	Gar sp.	Family Lepisosteidae	0.13											0.13
	Gizzard shad	<u>Dorosoma cepedianum</u>	0.32											0.32
	Gray snapper	<u>Lutjanus griseus</u>										0.64		0.64

Table B.7. (Cont'd.)

Year	Common name	Scientific name	Bay system								Coastwide ^a
			Sabine Lake	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre	
1999-2000 (Cont'd.)	Striped mullet	<u>Mugil cephalus</u>	2.22	0.03	0.26	0.06	1.42	0.03	0.03	3.84	7.86
	Tripletail	<u>Lobotes surinamensis</u>	0.03	0.03	0.14				0.03		0.20
	White bass	<u>Morone chrysops</u>			0.06						0.06
	White crappie	<u>Pomoxis annularis</u>	0.03								0.03
	White mullet	<u>Mugil curema</u>								0.72	0.72
	Windowpane	<u>Scophthalmus aquosus</u>								0.03	0.03
2000-01	Alligator gar	<u>Lepisosteus spatula</u>	0.21	0.03							0.24
	Antenna codlet	<u>Bregmaceros atlanticus</u>							0.08	0.03	0.03
	Atlantic cutlassfish	<u>Trichiurus lepturus</u>	0.08							0.08	0.24
	Atlantic guitarfish	<u>Rhinobatos lentiginosus</u>								0.03	0.03
	Atlantic needlefish	<u>Strongylura marina</u>	0.03							0.03	0.03
	Atlantic sharpnose shark	<u>Rhizoprionodon terraenovae</u>	0.85	0.42	0.21	0.08	0.05	0.03	0.03	0.03	1.64
	Atlantic spadefish	<u>Chaetodipterus faber</u>	0.24	1.25	0.08			0.34			1.91
	Atlantic stingray	<u>Dasyatis sabina</u>		0.03	0.11				0.11		0.24
	Ballyhoo	<u>Hemiramphus brasiliensis</u>								0.27	0.27
	Barred grunt	<u>Conodon nobilis</u>	0.05			0.16				0.03	0.08
	Bayou killifish	<u>Fundulus pulvereus</u>									0.16
	Bigmouth buffalo	<u>Ictiobus cyprinellus</u>								0.08	0.08
	Black grouper	<u>Mycteroperca bonaci</u>									0.03
	Blackbar drum	<u>Equetus iwamotoi</u>								0.03	0.03
	Blacktip shark	<u>Carcharhinus limbatus</u>				0.08			0.03		0.03
	Blue catfish	<u>Ictalurus furcatus</u>	1.06	0.11	0.90	0.08				0.03	1.11
	Bluefish	<u>Pomatomus saltatrix</u>		0.66	0.50	0.64					2.86
	Bonnethead	<u>Sphyrna tiburo</u>		0.24	0.21	0.29			0.03		0.03
	Bony fish sp.	Class Osteichthyes		0.05						0.03	0.74
	Bull shark	<u>Carcharhinus leucas</u>		0.03	0.03		0.05				0.08
	Channel catfish	<u>Ictalurus punctatus</u>		0.08							0.11
	Comb grouper	<u>Mycteroperca rubra</u>	0.03		0.03		0.03				0.11
	Cownose ray	<u>Rhinoptera bonasus</u>								0.03	0.05
	Crevalle jack	<u>Caranx hippos</u>	0.03	0.05	0.03		0.64			0.03	0.24
	Family mullets	Family Mugilidae									0.64
	Family requiem sharks	Family Carcharhinidae	0.05		0.05						0.11
	Family sea basses	Family Serranidae									0.05
Family sea catfishes	Family Ariidae								0.05	0.05	
Finetooth shark	<u>Carcharhinus isodon</u>			0.11	0.03					0.13	
Florida pompano	<u>Trachinotus carolinus</u>		0.13	0.03		0.03			0.05	0.50	
Flounder sp.	Genus Paralichthys				0.03					0.03	

Table B.7. (Cont'd.)

Year	Common name	Scientific name	Bay system								Coastwide ^a	
			Sabine Lake	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre		
2001-02 (Cont'd.)	Scalloped hammerhead	<i>Sphyrna lewini</i>		0.09	0.09	0.09	0.09	0.09	0.14			0.33
	Shark sp.	Order Lamniformes/Squaliformes	0.05									0.05
	Shrimp eel	<i>Ophichthus gomesi</i>	0.05									0.05
	Silver perch	<i>Bairdiella chrysoura</i>	0.14					0.09	0.09	0.05		0.37
	Silver seatrout	<i>Cynoscion nothus</i>		0.19	0.05						0.09	0.47
	Snapper eel	<i>Echiophis punctifer</i>										0.05
	Southern kingfish	<i>Menticirrhus americanus</i>	0.66	16.72	11.48	3.84	2.30	4.22	4.22	0.47	5.53	45.20
	Southern stingray	<i>Dasyatis americana</i>		0.05								0.05
	Spanish mackerel	<i>Scomberomorus maculatus</i>	0.09	0.89	0.14	0.05	0.05	1.22	1.22			2.39
	Spinner shark	<i>Carcharhinus maculatus</i>	0.05	0.05	0.14	0.05	0.05	0.05	0.05			0.23
	Spot	<i>Leiostomus xanthurus</i>		0.05								0.14
	Spotted gar	<i>Lepisosteus oculatus</i>										0.05
	Striped mullet	<i>Mugil cephalus</i>	2.06	1.50	0.19	1.64	0.09	0.09	0.23	0.80	0.09	6.51
	Tripletail	<i>Lobotes surinamensis</i>			0.09							0.09
	White mullet	<i>Mugil curema</i>										0.09
	Yellow bullhead	<i>Ameiurus natalis</i>		0.05								0.05
2002-03	Alligator gar	<i>Lepisosteus spatula</i>	0.42	0.06							0.03	0.51
	Atlantic cutlassfish	<i>Trichiurus lepturus</i>	0.18	0.03								0.21
	Atlantic sharpnose shark	<i>Rhizoprionodon terraenovae</i>	0.12	0.45	0.18		0.03	0.54	0.27	0.27		1.32
	Atlantic spadefish	<i>Chaetodipterus faber</i>										0.27
	Atlantic stingray	<i>Dasyatis sabina</i>	0.09		0.06	0.12		0.09	0.09			0.36
	Ballyhoo	<i>Hemiramphus brasiliensis</i>									17.98	17.98
	Blacktip shark	<i>Carcharhinus limbatus</i>		0.06	0.12	0.18	0.09	0.03	0.03		17.98	0.51
	Blue catfish	<i>Ictalurus furcatus</i>	0.51	1.35	2.37	0.63	0.03	0.03	0.03		0.03	4.88
	Bluefish	<i>Pomatomus saltatrix</i>										0.03
	Bonnethead	<i>Sphyrna tiburo</i>			0.15	0.09		0.06	0.06			0.33
	Bony fish sp.	Class Osteichthyes	0.30	0.15	0.03					0.03	0.12	0.60
	Bull shark	<i>Carcharhinus leucas</i>		0.03	0.12							0.15
	Channel catfish	<i>Ictalurus punctatus</i>	0.60	0.03	0.12	0.06	0.03	0.03	0.03			0.81
	Cobia	<i>Rachycentron canadum</i>				0.03						0.03
	Comb grouper	<i>Mycteroperca rubra</i>				0.09	0.03	0.03	0.03		0.27	0.66
	Crevalle jack	<i>Caranx hippos</i>	0.12	0.03	0.09	0.09						0.03
	Family requiem sharks	Family Carcharhinidae										0.03
	Finescale menhaden	<i>Brevoortia gunteri</i>										0.03
	Finetooth shark	<i>Carcharhinus isodon</i>			0.03	0.03		0.12	0.12		0.03	0.18
	Florida pompano	<i>Trachinotus carolinus</i>			0.15	0.09	0.06	0.12	0.12		0.03	0.45
	Freshwater drum	<i>Aplodinotus grunniens</i>										0.12
	Gag	<i>Mycteroperca microlepis</i>		0.03	0.09				0.03			0.03

Table B-8. Residential origin (%) of private-boat anglers in Texas bays and passes by bay system and year (1974-2003). Blanks indicate no interviews conducted.

Residence Year ^a	Bay system										Coastwide
	Sabine Lake ^b	Galveston	Matagorda	San Antonio	Airansas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre			
Adjacent coastal counties											
1974-76		85	41	45	26	76	74	80			60
1976-77		91	49	46	20	66	67	83			66
1977-78		95	45	40	22	67	71	79			64
1978-79		96	50	34	27	63	60	79			63
1979-80		96	51	40	39	60	69	87			63
1980-81		98	51	42	32	50	63	80			61
1981-82		91	60	45	25	60	69	79			62
1982-83		94	55	45	25	53	71	75			62
1983-84		96	67	46	33	57	77	73			68
1984-85		94	59	48	30	55	73	69			67
1985-86		95	60	48	38	53	77	72			68
1986-87		95	58	58	33	68	77	70			70
1987-88		95	63	53	33	60	72	72			71
1988-89	94	95	55	50	32	60	72	67			68
1989-90	96	94	64	48	30	58	69	69			68
1990-91	93	95	62	52	38	59	74	69			71
1991-92	94	95	61	54	29	57	76	65			70
1992-93	94	95	59	52	30	69	78	65			68
1993-94	93	94	65	50	30	68	71	69			66
1994-95	94	94	60	45	29	66	77	74			66
1995-96	94	94	61	42	28	57	72	76			64
1996-97	92	95	61	44	28	52	71	74			65
1997-98	89	94	59	45	29	51	72	72			63
1998-99	89	95	56	43	29	45	71	76			60
1999-2000	88	94	57	39	28	46	66	77			59
2000-01	87	94	55	40	26	41	61	73			58
2001-02	84	95	51	37	24	41	63	75			56
2002-03	87	95	53	38	30	46	61	74			59
Non-adjacent coastal counties											
1974-76		9	45	25	9	2	2	6			14
1976-77	6	38	32	32	14	3	8	4			12
1977-78	4	32	29	29	21	4	6	5			14
1978-79	0	27	35	35	16	3	7	5			14
1979-80	1	24	25	25	16	4	6	1			12
1980-81	1	25	29	29	10	2	8	4			12
1981-82	5	22	27	27	14	3	10	5			11
1982-83	3	25	31	31	16	4	8	6			13
1983-84	0	15	27	27	10	4	6	8			9
1984-85	1	17	25	25	11	5	5	8			9
1985-86	0	16	23	23	10	4	5	8			8
1986-87	0	16	19	19	8	3	4	9			8

Table B.8. (Cont'd.)

Residence Year ^a	Sabine Lake ^b	Bay system							
		Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre	Coastwide
Non-adjacent coastal counties (Cont'd.)									
1987-88	2	0	17	20	9	5	7	8	8
1988-89	2	0	17	22	10	4	7	11	8
1989-90	2	1	16	28	9	5	8	10	9
1990-91	3	1	16	25	10	6	5	10	8
1991-92	2	0	17	22	9	5	7	12	8
1992-93	2	1	19	22	13	5	8	11	9
1993-94	3	1	17	26	15	4	9	10	11
1994-95	3	0	23	30	12	5	6	7	11
1995-96	2	0	22	28	11	5	9	8	10
1996-97	4	1	21	30	11	4	8	11	11
1997-98	5	1	23	26	12	4	8	8	11
1998-99	5	1	25	27	10	4	9	7	12
1999-2000	6	1	22	28	12	5	8	9	12
2000-01	6	1	21	31	12	6	10	11	12
2001-02	10	1	23	32	12	5	7	10	13
2002-03	7	1	22	29	12	4	9	7	12
Non-coastal counties									
1974-76		4	14	29	47	14	20	10	22
1976-77		3	13	22	61	23	24	7	19
1977-78		1	22	31	52	25	21	13	20
1978-79		2	21	29	52	23	32	12	20
1979-80		3	25	35	42	30	23	8	23
1980-81		1	24	28	46	30	27	9	22
1981-82		4	17	28	45	28	19	11	22
1982-83		3	19	23	46	36	20	11	21
1983-84		3	17	26	50	30	16	14	19
1984-85		5	23	26	47	27	18	17	19
1985-86		3	23	29	44	35	15	13	20
1986-87		4	25	22	46	25	16	14	19
1987-88	2	3	19	27	49	25	18	16	18
1988-89	2	4	27	31	50	31	19	18	20
1989-90	2	4	19	22	54	29	21	17	20
1990-91	2	3	20	22	44	28	20	18	18
1991-92	3	4	21	24	46	31	15	16	18
1992-93	1	3	20	25	40	20	13	19	18
1993-94	2	4	16	23	44	23	18	16	20
1994-95	2	4	17	24	48	22	15	14	19
1995-96	3	4	17	28	52	30	18	13	22
1996-97	3	4	17	25	50	32	19	12	20
1997-98	4	4	17	28	49	33	18	16	22
1998-99	4	4	19	28	53	36	19	12	24

Table B.8. (Cont'd.)

Residence Year ^a	Bay system										Coastwide
	Sabine Lake ^b	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre			
Non-coastal counties (Cont'd.)											
1999-2000	4	5	20	31	54	35	24	11			25
2000-01	4	5	22	27	56	41	28	13			26
2001-02	4	4	25	29	58	40	29	14			27
2002-03	4	4	24	32	53	39	28	15			26
Other states and countries											
1974-76		2	0	1	18	8	4	4			5
1976-77		0	1	0	5	8	1	5			3
1977-78		0	1	1	6	5	2	3			2
1978-79		0	0	0	3	9	0	2			1
1979-80		0	0	0	3	6	3	4			2
1980-81		0	0	1	13	17	1	8			5
1981-82		0	0	1	16	10	3	5			5
1982-83		0	1	1	13	8	1	7			4
1983-84		0	1	1	7	10	2	5			4
1984-85		1	1	1	11	13	4	6			4
1985-86		1	0	0	8	8	3	7			4
1986-87		1	1	1	13	4	3	4			4
1987-88	1	1	1	1	8	10	2	4			3
1988-89	2	1	1	1	9	6	3	4			3
1989-90	1	1	1	1	8	9	2	5			3
1990-91	2	1	2	1	8	8	1	4			3
1991-92	1	1	0	1	15	7	2	7			4
1992-93	2	1	2	1	16	6	2	6			5
1993-94	2	1	1	1	12	5	2	5			4
1994-95	1	1	1	1	11	7	2	6			4
1995-96	1	1	1	1	9	8	2	3			4
1996-97	1	1	1	2	10	12	2	6			4
1997-98	2	2	1	1	9	12	2	4			4
1998-99	3	1	1	1	8	15	2	5			5
1999-2000	2	1	1	1	6	13	2	4			4
2000-01	3	1	1	2	6	12	1	2			3
2001-02	2	1	1	2	5	14	1	2			3
2002-03	2	1	1	1	5	10	2	4			3

^a Prior to May 1983 all anglers in a fishing party were assigned to the boat owner's residence.

^b Data collected during 1974-76 are not available in comparable format; see Breuer et al. (1977) and Heffernan and Green (1977) for information on these data.

Table B.9. Species sought (%) by private-boat anglers in Texas bays and passes by bay system and year (1991-2003).

Species Year	Bay system									
	Sabine Lake	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre	Coastwide	
Atlantic croaker										
1991-92	0.4	0.2	0	0.6	0	0.5	0.4	0.4	0.3	
1992-93	1.2	0.6	0.1	0	0.1	0	0.4	0	0.3	
1993-94	0.8	0.7	0	0	0	0	0.2	0.1	0.2	
1994-95	0.4	0.7	0.2	0	0.1	0.1	0.1	0	0.2	
1995-96	0.6	0.6	0.2	0	0	0.2	0.0	0.1	0.2	
1996-97	0.5	0.7	0.2	0	0	0.1	0.3	0	0.2	
1997-98	0.6	0.4	0.1	0	0	0.1	0.0	0	0.1	
1998-99	0.7	1.5	0.2	0	0.1	0	0.2	0.1	0.3	
1999-2000	0.1	0.7	0.3	0	0	0.2	0.2	0	0.2	
2000-01	0.6	0.6	0	0	0.1	0.1	0.0	0	0.2	
2001-02	1.0	0.6	0.1	0	0.1	0	0.1	0	0.2	
2002-03	0.5	0.2	0.1	0	0	0.1	0	0.1	0.1	
Black drum										
1991-92	0.2	0.3	1.1	0	0	1.2	0.5	0.1	0.4	
1992-93	0.3	0.8	0.6	0.2	0.4	1.1	0.5	0.3	0.5	
1993-94	0.2	0.2	0.1	0.2	0.6	1.5	1.2	0.6	0.6	
1994-95	1.0	0.8	0	0	0.5	1.2	1.7	0.6	0.7	
1995-96	0.2	0.5	0	0.1	0.3	1.7	0.9	1.1	0.6	
1996-97	0.7	0.1	0	0	0.8	1.7	2.0	0.6	0.7	
1997-98	0.1	0.7	0.3	0.4	0.2	1.2	0.9	0.6	0.6	
1998-99	0	0	0	0.2	0.4	0.9	0.9	0.7	0.4	
1999-2000	0.2	0.4	0	0.2	0.2	0.6	0.7	0.4	0.4	
2000-01	0.7	0.2	0.1	0.1	0.1	0.8	0.9	0.2	0.4	
2001-02	0.6	1.0	0	0.1	0.3	1.0	1.5	0.4	0.6	
2002-03	0.3	0.2	0.1	0.4	0.1	1.0	1.0	1.2	0.5	
Flounder^a										
1991-92	21.5	9.9	2.3	0.4	0.3	2.1	2.2	1.6	6.1	
1992-93	16.0	16.1	3.3	0.6	0.2	1.3	0.5	0.9	5.0	
1993-94	14.5	6.2	2.6	0.7	0.3	0.6	0.4	0.9	3.1	
1994-95	14.9	8.5	2.6	0.2	0.2	1.1	0.2	0.2	3.3	
1995-96	12.6	8.5	3.6	0	0.1	0.5	0.2	0.4	2.9	
1996-97	9.9	6.3	2.7	0.4	0.3	0.8	0.2	0.3	2.6	
1997-98	12.7	5.5	2.4	0.1	0.1	1.3	0.1	1.0	2.7	
1998-99	12.5	10.0	1.4	0	0.4	0.8	0.3	1.5	2.8	
1999-2000	12.8	7.4	2.2	0.1	0.2	1.6	0.2	1.0	2.5	
2000-01	9.4	7.4	1.2	0.3	0.1	0.4	0.1	0.4	2.1	
2001-02	10.1	9.0	1.2	0.3	0.3	1.1	0.2	0.9	2.5	
2002-03	11.2	7.8	1.2	0.5	0.1	1.1	0.2	2.2	2.6	

Table B.9. (Cont'd.)

Species Year	Bay system										
	Sabine Lake	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi		Upper Laguna Madre		Lower Laguna Madre	Coastwide
						San Antonio	Aransas	Corpus Christi	Upper Laguna Madre		
Gafftopsail catfish											
1991-92	0.1	0.2	0.6	0.2	0.1	0.4	0	0	0	0	0.2
1992-93	0	0.1	0	0.2	0.1	0.1	0	0	0	0	0.1
1993-94	0	0.1	0.4	0.3	0.1	0	0	0	0	0	0.1
1994-95	0	0	0.2	0.2	0.1	0	0	0	0	0	0.1
1995-96	0	0	0.2	0.1	0.2	0	0	0	0	0	0.1
1996-97	0	0.1	0.3	0.1	0	0.2	0	0	0	0	0.1
1997-98	0	0.3	0.1	0	0	0.2	0	0	0	0	0.1
1998-99	0	0.1	0.2	0.3	0	0.1	0	0	0	0	0.1
1999-2000	0	0.1	0.1	0.1	0	0.2	0	0	0	0	0.1
2000-01	0	0.3	0.2	0	0	0.1	0	0	0	0.1	0.1
2001-02	0	0.1	0.4	0.2	0.1	0.6	0	0	0	0	0.2
2002-03	0	0.2	0.4	0.6	0.3	0.3	0.2	0.2	0.2	0	0.2
Red drum											
1991-92	9.3	5.3	14.1	21.2	23.7	15.7	8.0	8.0	9.8	12.3	
1992-93	10.2	4.4	9.1	17.0	20.0	12.9	8.7	8.7	10.5	11.7	
1993-94	12.0	4.7	11.9	18.9	22.3	19.2	8.7	8.7	10.7	13.8	
1994-95	9.2	6.9	13.2	16.9	22.2	16.3	11.9	11.9	12.8	14.0	
1995-96	12.2	7.2	13.8	13.8	22.6	14.3	7.5	7.5	8.8	12.7	
1996-97	10.2	8.3	11.3	12.1	21.0	13.4	7.7	7.7	9.6	11.6	
1997-98	7.3	10.1	12.4	13.0	19.8	14.7	9.3	9.3	13.9	12.7	
1998-99	7.3	7.0	8.0	11.5	19.6	16.6	9.9	9.9	9.2	11.5	
1999-2000	9.2	7.4	7.8	12.6	21.5	16.3	10.1	10.1	13.0	12.4	
2000-01	7.2	8.0	11.3	11.3	20.3	16.9	11.3	11.3	13.8	12.8	
2001-02	7.1	6.4	11.4	14.3	21.8	22.4	11.3	11.3	16.5	14.3	
2002-03	9.7	7.9	7.8	12.6	18.1	17.1	9.1	9.1	16.2	12.5	
Sand seatrout											
1991-92	0.5	1.8	0.3	0	0.1	1.0	0	0	0.9	0.6	
1992-93	0.8	1.6	0.1	0	0.3	0.8	0.1	0.1	1.0	0.6	
1993-94	0.1	0.3	0	0.2	0	0.3	0.1	0.1	0.2	0.2	
1994-95	0.6	0.6	0.2	0	0.1	1.1	0	0	0.2	0.4	
1995-96	0.5	1.4	0	0.1	0.1	2.2	0.1	0.1	0.4	0.6	
1996-97	0.5	1.7	0.1	0	0.2	1.7	0.1	0.1	0.2	0.6	
1997-98	0.1	0.7	0.1	0	0	0.6	0.1	0.1	0.5	0.2	
1998-99	0	0.5	0.1	0	0.1	0.5	0.1	0.1	0.3	0.2	
1999-2000	0	0.4	0	0	0.2	0.8	0.1	0.1	0.1	0.2	
2000-01	0.2	0.9	0	0	0	0.4	0.1	0.1	0.2	0.2	
2001-02	0.4	0.3	0	0	0.3	0.5	0.1	0.1	0.4	0.2	
2002-03	0.1	0.5	0.1	0	0	0.7	0	0	0.1	0.2	

Table B.9. (Cont'd.)

Species Year	Bay system										Coastwide
	Sabine Lake	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre			
Spotted seatrout, red drum, and flounder^a											
1991-92	4.9	6.7	5.8	1.9	4.0	2.1	6.7	4.0	4.7		
1992-93	6.1	7.8	9.4	3.4	3.2	3.5	3.3	5.3	5.1		
1993-94	6.7	6.0	5.7	2.0	1.3	2.1	1.7	4.0	3.6		
1994-95	5.7	5.8	10.9	3.4	1.4	1.9	3.0	4.8	4.4		
1995-96	5.1	8.9	10.5	4.6	1.4	1.8	0.7	3.2	4.4		
1996-97	4.9	12.1	8.4	3.5	0.8	1.2	1.2	2.3	4.6		
1997-98	5.3	9.6	8.0	2.9	0.2	1.0	3.0	2.4	4.0		
1998-99	6.2	10.3	9.9	2.3	1.1	1.5	2.1	2.9	4.5		
1999-2000	6.9	9.7	10.6	3.2	1.5	1.8	2.5	3.8	4.9		
2000-01	6.3	8.3	8.3	3.1	2.4	1.3	2.3	3.0	4.2		
2001-02	5.2	7.7	8.0	2.5	1.3	1.4	3.2	3.1	3.9		
2002-03	7.7	8.2	8.8	3.8	1.2	2.0	3.4	2.5	4.6		
Other species or combinations											
1991-92	12.0	11.0	4.1	1.9	1.7	6.1	4.3	4.5	6.3		
1992-93	9.7	9.5	6.5	2.1	1.9	4.1	2.6	3.5	5.0		
1993-94	10.2	9.8	5.3	1.0	1.8	3.3	3.5	2.6	4.5		
1994-95	10.8	12.7	4.9	1.0	2.1	5.7	4.6	4.7	5.7		
1995-96	13.2	8.7	4.0	1.6	1.4	5.3	3.2	3	4.8		
1996-97	7.9	9.1	4.1	1.7	0.9	4.1	5.9	2.6	4.7		
1997-98	7.3	7.4	4.4	1.7	1.3	5.3	3.5	2.8	4.2		
1998-99	9.6	8.1	3.3	1.3	1.9	4.0	3.2	3.3	4.0		
1999-2000	7.9	6.8	2.7	1.1	1.6	4.1	3.7	2.5	3.5		
2000-01	7.5	7.0	1.9	1.1	1.8	5.5	2.7	1.8	3.5		
2001-02	8.4	6.1	2.4	0.8	3.3	5.5	4.7	2.2	3.9		
2002-03	7.7	5.0	2.6	0.8	3.1	4.5	2.9	3.3	3.6		
No particular species											
1991-92	31.6	30.8	23.7	21.0	17.0	18.4	20.6	26.6	24.3		
1992-93	38.2	23.5	21.9	18.2	17.4	23.6	20.0	23.5	23.3		
1993-94	31.2	30.5	22.2	13.4	12.6	17.0	21.0	22.6	21.0		
1994-95	32.4	27.9	17.8	14.4	10.0	18.8	23.7	17.8	20.0		
1995-96	29.8	24.3	18.1	14.3	11.8	21.0	21.5	16.7	19.3		
1996-97	31.6	24.5	18.4	15.0	11.7	19.3	23.5	16.6	20.0		
1997-98	29.6	24.7	20.9	11.2	8.1	17.7	20.4	17.4	18.6		
1998-99	27.9	19.0	18.4	13.3	9.1	17.5	19.3	17.3	17.2		
1999-2000	29.5	22.0	22.5	16.5	8.5	18.4	16.8	15.9	18.0		
2000-01	31.6	20.7	21.6	17.6	9.1	17.6	14.1	13.9	17.6		
2001-02	27.6	22.3	19.5	15.6	11.0	17.5	16.1	17.0	17.7		
2002-03	32.8	19.8	21.9	18.1	10.2	15.8	16.2	22.4	18.9		

Table B.9. (Cont'd.)

Species Year	Bay system									
	Sabine Lake	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre	Coastwide	
Number of responses										
1991-92	1,046	967	617	524	718	773	981	808	6,434	
1992-93	1,123	1,264	722	852	1,370	1,245	1,120	1,239	8,935	
1993-94	1,107	1,277	901	1,085	1,582	1,248	1,116	1,408	9,724	
1994-95	1,245	1,335	1,214	1,281	1,615	1,440	1,264	1,326	10,720	
1995-96	831	1,254	1,235	892	1,458	1,316	1,335	1,135	9,456	
1996-97	920	1,501	1,242	942	1,219	1,122	1,186	1,107	9,239	
1997-98	1,038	1,373	1,258	1,112	1,437	1,240	1,529	1,138	10,125	
1998-99	867	1,295	1,675	1,214	1,600	1,371	1,521	1,028	10,571	
1999-2000	858	1,411	1,672	1,324	1,737	1,326	1,916	1,383	11,627	
2000-01	969	1,283	1,417	1,223	1,516	1,354	1,613	1,305	10,680	
2001-02	813	1,418	1,207	1,458	1,578	1,196	1,351	1,379	10,400	
2002-03	775	1,297	1,357	1,072	1,524	1,094	1,288	1,377	9,784	

^a *Paralichthys* sp.

Table B.10. Trip satisfaction (%) of private-boat anglers in Texas bays and passes by response scale category, bay system, and year (1987-2003).

Bay system Year	Response scale categories ^a										Mean response	No. of responses	
	0	1	2	3	4	5	6	7	8	9			10
Sabine Lake													
1987-88	16.0	5.3	8.6	8.3	7.3	19.5	5.9	6.7	6.9	3.2	12.3	4.6	979
1988-89	19.3	6.2	9.6	9.2	6.7	16.2	6.1	5.8	7.5	2.7	10.6	4.3	1,130
1989-90	22.0	5.0	7.5	8.1	5.3	16.1	4.6	7.6	10.2	3.0	10.7	4.4	738
1990-91	19.3	5.4	7.8	7.6	4.6	15.2	4.9	7.5	11.3	4.0	12.5	4.7	851
1991-92	18.8	6.4	8.2	7.4	5.2	20.1	5.7	6.3	7.8	2.2	12.0	4.5	1,019
1992-93	20.1	7.0	7.9	6.1	5.8	17.2	6.0	7.2	7.2	3.2	12.1	4.5	1,080
1993-94	18.0	3.8	7.1	7.2	6.6	15.7	7.9	6.3	10.0	2.5	14.9	4.9	1,082
1994-95	19.8	5.1	7.4	8.3	5.8	14.6	6.1	6.1	6.8	3.6	16.3	4.7	1,206
1995-96	18.4	5.1	7.3	7.3	7.2	17.4	5.6	5.5	7.0	2.4	16.8	4.7	804
1996-97	18.9	4.2	5.7	7.5	4.6	14.4	6.1	5.7	10.0	3.0	20.0	5.1	891
1997-98	14.3	4.7	6.9	5.7	5.5	17.2	4.5	7.6	11.3	4.2	18.2	5.3	1,003
1998-99	15.8	5.0	6.5	6.6	5.7	14.6	5.9	8.0	9.9	2.4	19.5	5.2	835
1999-2000	11.5	5.1	7.0	6.1	5.6	16.6	6.2	8.0	7.4	5.1	21.4	5.6	838
2000-01	11.6	6.1	5.4	5.6	6.0	13.7	7.2	8.5	10.6	3.2	22.1	5.6	946
2001-02	13.7	6.0	7.9	7.7	5.1	13.5	6.2	7.7	11.5	3.6	17.1	5.2	788
2002-03	13.8	3.6	5.7	6.2	5.7	14.8	5.8	6.2	12.3	4.4	21.6	5.6	756
Galveston													
1987-88	15.9	7.1	9.7	7.7	5.6	17.7	5.6	6.7	9.6	2.7	11.9	4.6	1,116
1988-89	20.7	4.6	8.5	6.5	4.5	18.0	5.3	7.0	9.7	3.5	11.6	4.5	926
1989-90	21.0	4.4	9.6	7.2	5.8	16.9	4.1	8.4	8.2	1.6	12.9	4.5	919
1990-91	21.9	6.3	7.6	6.4	3.6	16.6	6.2	7.2	9.5	1.2	13.7	4.5	845
1991-92	14.5	6.4	8.2	7.6	5.5	18.4	5.5	8.0	8.7	3.2	14.0	4.9	965
1992-93	18.0	5.4	10.3	7.8	5.8	18.4	5.4	6.7	9.2	2.8	10.3	4.5	1,258
1993-94	16.8	6.2	8.1	8.3	6.1	16.8	5.7	8.8	10.4	1.6	11.2	4.6	1,277
1994-95	14.7	5.6	7.9	8.3	6.1	16.9	6.6	9.0	9.8	4.7	10.4	4.8	1,331
1995-96	12.2	6.5	6.2	7.4	5.3	17.1	7.6	10.2	11.0	4.3	12.2	5.1	1,241
1996-97	15.8	6.0	6.5	6.5	5.6	16.7	6.0	7.4	10.6	3.8	15.1	5.0	1,485
1997-98	13.8	5.2	7.4	8.0	6.5	15.4	6.2	8.1	11.0	4.5	14.1	5.1	1,360
1998-99	11.3	6.3	6.6	7.4	5.9	15.8	6.9	8.8	10.5	3.7	16.7	5.3	1,280
1999-2000	12.5	5.9	7.0	6.8	5.8	16.5	5.7	8.2	11.9	3.8	15.8	5.3	1,398
2000-01	11.7	5.9	6.2	6.9	5.5	17.3	6.0	8.4	12.2	3.8	16.1	5.4	1,279
2001-02	10.6	5.2	6.2	5.9	5.9	16.7	7.5	9.1	11.3	3.3	18.2	5.5	1,413
2002-03	7.7	5.6	6.8	6.0	5.7	17.1	6.9	9.0	11.8	5.1	18.3	5.7	1,294

Table B.10. (Cont'd.)

Bay system Year	Response scale categories ^a										Mean response	No. of responses				
	0	1	2	3	4	5	6	7	8	9			10			
Matagorda																
1987-88	19.1	7.5	7.1	7.3	6.2	15.7	6.0	8.1	11.2	1.5	10.3	4.5	534			
1988-89	17.5	4.3	7.7	7.9	5.9	18.7	6.1	7.9	9.6	2.8	11.6	4.7	508			
1989-90	20.8	7.9	9.5	7.5	6.5	15.5	4.2	5.6	8.5	1.8	12.1	4.2	504			
1990-91	20.1	6.4	8.5	9.6	5.1	16.0	4.7	5.1	9.4	2.6	12.4	4.4	468			
1991-92	12.8	7.6	7.7	8.0	7.1	16.7	7.2	8.2	9.9	2.3	12.5	4.8	609			
1992-93	11.9	6.9	7.4	9.1	6.0	18.2	5.3	8.4	11.9	2.1	12.9	5.0	715			
1993-94	11.5	3.8	7.1	8.4	7.2	19.6	5.5	6.5	12.1	2.6	15.6	5.2	886			
1994-95	10.7	5.0	7.3	8.4	6.7	17.5	7.0	7.5	11.4	3.8	14.7	5.3	1,208			
1995-96	12.2	6.8	7.3	6.3	6.8	18.7	5.5	7.6	10.6	2.9	15.1	5.1	1,229			
1996-97	11.0	5.7	7.8	6.4	4.0	16.7	5.5	8.7	12.6	3.1	18.6	5.5	1,236			
1997-98	11.3	4.1	6.5	6.2	6.1	19.3	7.5	8.4	9.8	3.3	17.6	5.4	1,255			
1998-99	9.0	5.3	6.6	7.5	6.3	17.0	7.0	9.5	12.6	3.7	15.5	5.5	1,666			
1999-2000	9.9	5.5	7.3	7.3	5.8	17.2	6.6	8.5	11.6	3.6	16.7	5.4	1,670			
2000-01	10.8	5.7	6.0	7.7	6.2	17.8	6.8	7.9	10.6	5.6	15.0	5.4	1,410			
2001-02	11.5	5.6	7.0	6.9	6.0	16.5	7.1	9.6	11.7	3.3	14.9	5.3	1,209			
2002-03	8.1	4.6	5.4	6.5	5.0	19.0	7.4	9.3	11.2	5.8	17.8	5.7	1,356			
San Antonio																
1987-88	11.3	5.4	7.8	5.5	5.0	18.3	6.3	7.2	9.6	4.7	18.9	5.5	761			
1988-89	15.3	4.9	7.7	5.3	4.1	16.1	3.8	7.2	12.5	5.3	17.8	5.3	608			
1989-90	16.2	5.2	6.4	6.0	5.0	16.6	6.0	7.5	10.4	3.5	17.0	5.1	481			
1990-91	18.0	6.6	8.8	9.3	7.2	16.7	3.7	5.6	9.5	2.9	11.7	4.4	377			
1991-92	18.2	6.3	6.5	4.5	6.9	18.2	6.1	8.3	6.7	3.6	14.8	4.8	494			
1992-93	13.0	5.5	7.5	7.8	6.2	15.0	7.4	8.6	11.0	4.4	13.5	5.1	836			
1993-94	13.7	3.8	6.8	6.6	5.9	14.8	7.1	9.4	13.3	4.3	14.3	5.3	1,058			
1994-95	9.7	5.5	7.1	8.0	7.1	16.0	7.8	8.4	11.7	3.6	15.1	5.3	1,262			
1995-96	9.1	5.4	5.7	7.9	6.5	19.1	6.2	9.2	12.2	4.3	14.4	5.4	883			
1996-97	11.5	5.9	6.4	6.9	6.0	14.8	7.0	9.9	10.9	3.9	16.8	5.4	932			
1997-98	13.5	5.6	8.0	7.0	6.4	16.8	6.4	7.7	10.8	4.2	13.7	5.0	1,104			
1998-99	13.0	5.1	6.7	7.6	6.2	17.2	6.2	9.6	11.2	3.6	13.5	5.1	1,204			
1999-2000	10.2	5.2	7.3	7.4	6.0	15.1	7.7	8.3	13.7	3.6	15.6	5.4	1,318			
2000-01	11.0	4.9	6.9	7.3	7.2	14.3	6.4	9.1	11.0	4.9	16.9	5.4	1,214			
2001-02	11.2	4.8	6.7	6.2	6.6	17.9	6.6	9.1	11.5	3.8	15.8	5.4	1,457			
2002-03	9.7	4.9	4.9	6.4	5.2	15.3	8.0	9.2	11.8	5.5	18.9	5.8	1,072			

Table B.10. (Cont'd.)

Bay system Year	Response scale categories ^a										Mean response	No. of responses	
	0	1	2	3	4	5	6	7	8	9			10
Arkansas													
1987-88	17.4	6.1	9.1	7.3	5.5	15.6	4.8	6.1	11.0	2.2	14.8	4.7	671
1988-89	18.9	5.7	7.4	8.8	5.5	14.5	7.3	7.0	9.3	2.7	12.9	4.6	752
1989-90	22.6	5.1	7.0	8.5	5.4	15.9	4.8	6.0	8.8	1.9	14.1	4.4	647
1990-91	22.3	8.0	7.2	8.9	4.9	15.9	4.1	4.7	8.3	3.1	12.6	4.3	515
1991-92	17.5	7.0	8.5	7.0	4.2	17.3	4.9	5.2	9.9	3.2	15.5	4.8	659
1992-93	14.0	4.7	6.3	7.7	5.6	13.9	6.3	7.4	11.0	4.8	18.3	5.4	1,277
1993-94	11.2	5.2	5.7	7.3	6.3	16.1	6.9	7.5	11.6	4.4	17.8	5.5	1,554
1994-95	12.3	6.4	8.0	8.4	6.4	16.6	5.4	7.4	11.1	4.1	13.9	5.1	1,602
1995-96	13.9	5.0	8.2	7.4	6.5	16.3	6.1	7.6	10.4	3.4	15.1	5.1	1,438
1996-97	12.0	4.6	7.3	6.8	4.7	16.3	6.7	8.4	12.5	4.1	16.6	5.4	1,212
1997-98	9.8	4.2	6.2	7.2	5.8	16.0	8.4	9.0	12.2	3.9	17.0	5.6	1,426
1998-99	7.6	5.2	6.7	6.8	5.3	16.9	6.7	9.1	12.8	4.1	18.8	5.8	1,592
1999-2000	8.3	4.2	5.1	7.2	4.6	17.4	6.5	9.1	13.8	4.2	20.0	5.9	1,730
2000-01	8.3	4.9	6.5	7.2	5.7	14.6	8.9	9.5	12.8	5.1	16.6	5.7	1,513
2001-02	8.8	3.9	6.2	5.4	5.5	16.6	9.1	9.8	11.7	5.5	17.5	5.8	1,576
2002-03	7.9	4.0	5.3	5.3	4.8	15.0	6.7	9.5	13.3	5.0	23.4	5.8	1,515
Corpus Christi													
1987-88	19.4	5.2	7.8	6.3	6.4	17.1	4.8	7.0	10.5	2.3	13.1	4.6	731
1988-89	17.3	6.6	10.1	9.3	5.3	15.3	5.8	5.1	9.3	2.8	13.0	4.5	602
1989-90	16.6	6.1	8.2	8.4	5.5	17.5	5.2	9.1	9.0	2.7	11.5	4.6	668
1990-91	17.3	5.9	8.1	7.6	5.9	14.4	5.1	7.9	10.0	3.0	14.9	4.8	631
1991-92	19.3	5.1	6.2	8.5	5.8	16.9	5.9	7.0	8.3	2.6	14.5	4.7	745
1992-93	18.7	5.7	6.2	6.1	6.5	16.3	6.4	7.4	9.2	3.5	14.1	4.8	1,168
1993-94	16.0	5.7	8.7	7.6	5.8	16.8	6.5	8.5	8.6	3.2	12.7	4.8	1,193
1994-95	11.5	5.6	6.4	7.5	4.9	18.3	7.3	8.1	10.4	4.1	15.9	5.3	1,403
1995-96	14.8	4.7	8.6	7.2	6.1	15.9	6.9	7.5	11.1	3.4	13.7	5.0	1,274
1996-97	13.4	5.2	6.4	6.1	6.3	17.2	5.9	6.0	11.5	4.1	18.0	5.3	1,070
1997-98	12.1	5.2	8.4	6.1	4.7	15.8	6.8	8.8	10.0	3.0	19.1	5.4	1,220
1998-99	10.8	3.4	6.8	6.1	5.3	15.5	5.7	8.5	11.3	4.4	22.2	5.8	1,337
1999-2000	11.2	3.3	6.9	5.1	4.4	16.0	6.8	9.6	12.9	3.5	20.4	5.8	1,291
2000-01	10.5	3.6	5.1	6.5	4.8	13.7	7.9	7.6	12.0	4.1	24.1	6.0	1,331
2001-02	9.2	4.3	5.3	6.6	5.4	15.5	6.8	9.4	13.4	4.8	19.1	5.8	1,175
2002-03	7.4	3.7	4.5	6.0	4.9	16.3	6.0	8.8	12.6	5.9	23.6	6.2	1,077

Table B.10. (Cont'd.)

Bay system Year	Response scale categories ^a										Mean response	No. of responses	
	0	1	2	3	4	5	6	7	8	9			10
Upper Laguna Madre													
1987-88	11.6	6.0	8.3	8.3	6.4	16.9	7.7	8.8	11.2	3.3	11.4	5.0	1,382
1988-89	11.3	5.2	7.6	7.4	5.4	17.7	7.9	7.2	10.8	4.2	15.3	5.3	1,398
1989-90	15.4	6.2	9.0	7.1	5.4	16.8	5.6	8.3	10.1	3.0	13.2	4.8	1,252
1990-91	25.2	7.3	7.1	7.8	5.7	16.7	3.8	5.7	10.6	1.2	9.0	4.0	424
1991-92	13.3	5.6	6.6	5.9	6.4	16.3	6.4	7.6	11.8	4.8	15.4	5.3	972
1992-93	12.2	4.6	6.8	5.7	5.6	15.4	6.8	9.8	14.5	4.2	14.6	5.4	1,107
1993-94	12.2	6.3	6.7	7.8	6.1	16.7	7.7	9.0	10.2	4.6	12.7	5.1	1,103
1994-95	13.3	4.7	8.2	7.2	6.6	15.3	6.6	9.9	11.4	4.7	12.1	5.1	1,250
1995-96	10.5	4.1	7.7	6.4	6.2	15.0	6.7	8.9	12.4	4.6	17.4	5.6	1,319
1996-97	11.9	6.8	7.6	8.3	5.0	16.3	6.7	10.4	9.7	3.8	13.6	5.1	1,171
1997-98	8.5	4.4	5.4	6.6	4.8	16.4	5.9	10.7	14.9	5.5	16.8	5.8	1,508
1998-99	10.3	4.8	7.0	7.7	7.2	15.7	7.3	10.6	10.6	4.0	14.9	5.4	1,510
1999-2000	9.9	4.2	6.3	7.9	5.5	15.6	7.4	9.3	12.6	5.3	16.1	5.6	1,902
2000-01	9.7	4.1	7.1	6.4	6.4	16.7	7.4	9.1	11.7	4.3	17.1	5.6	1,602
2001-02	9.9	5.7	6.2	7.8	6.9	18.0	8.1	9.0	9.9	3.7	14.8	5.3	1,340
2002-03	7.8	4.4	7.8	6.7	4.7	16.9	7.2	9.9	13.7	5.1	15.8	5.7	1,287
Lower Laguna Madre													
1987-88	10.1	5.8	5.9	6.2	6.2	17.6	7.3	7.9	12.7	4.9	15.4	5.5	1,419
1988-89	9.2	4.8	7.5	6.8	7.8	14.6	7.2	9.2	12.6	5.1	15.2	5.5	1,277
1989-90	13.8	5.1	6.2	5.5	4.6	15.3	7.1	8.0	13.5	4.7	16.2	5.4	1,016
1990-91	18.5	3.7	5.7	5.2	5.2	14.6	4.8	7.2	11.5	2.9	20.7	5.3	902
1991-92	15.1	5.8	5.9	6.6	4.8	17.1	6.0	5.8	12.5	2.1	18.3	5.2	799
1992-93	11.0	5.1	6.3	8.5	6.2	16.4	7.4	6.5	13.9	3.6	15.2	5.3	1,211
1993-94	11.5	6.1	8.0	8.7	7.8	15.4	7.0	9.0	11.9	3.9	10.8	5.0	1,393
1994-95	11.9	5.9	8.9	8.6	6.7	16.7	7.2	6.7	10.0	4.0	13.5	5.0	1,316
1995-96	9.7	5.4	8.5	8.8	8.6	15.3	8.5	7.9	10.6	3.7	13.0	5.1	1,131
1996-97	11.0	6.1	8.1	8.3	7.3	16.6	9.7	8.8	11.3	2.7	10.2	5.0	1,102
1997-98	9.7	6.2	7.2	8.3	10.0	16.0	6.4	8.9	12.1	3.7	11.6	5.1	1,133
1998-99	9.2	5.5	9.2	7.3	7.6	17.5	9.7	6.8	11.5	4.5	11.2	5.1	1,024
1999-2000	7.4	4.9	7.5	6.8	7.7	15.7	8.7	9.5	12.5	5.2	14.1	5.6	1,378
2000-01	10.6	5.3	8.1	7.0	8.8	15.2	8.0	7.8	11.0	4.7	13.5	5.2	1,297
2001-02	13.1	5.7	7.5	7.4	7.1	15.6	7.5	10.1	10.0	3.1	12.8	5.0	1,371
2002-03	8.6	6.3	5.0	7.8	6.4	17.4	8.1	9.3	11.5	5.3	14.2	5.5	1,370

APPENDIX C: Party-boat Fishing Estimates for Texas Bays and Passes

Table C.1. Number of days surveyed, number of party-boat interviews, and number of party-boat anglers interviewed in Texas bays and passes by bay system and year (1983-2003)	190
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Table C.1. Number of days surveyed, number of party-boat interviews, and number of party-boat anglers interviewed in Texas bays and passes by bay system and year (1983-2003).

Item Year	Bay system								Coastwide	
	Sabine Lake	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre		
Number of days surveyed										
1983-84	0	131	132	108	133	133	133	133	133	903
1984-85	0	133	133	108	133	133	133	133	133	906
1985-86	0	133	133	108	133	133	133	133	133	906
1986-87	0	133	133	108	133	133	133	133	133	906
1987-88	108	133	133	108	133	133	133	133	133	1014
1988-89	108	132	130	105	130	130	130	131	131	997
1989-90	108	131	132	108	133	133	133	133	133	1011
1990-91	108	133	133	108	133	133	133	133	133	1014
1991-92	108	133	133	108	133	133	133	133	133	1014
1992-93	108	133	133	108	133	133	133	133	133	1014
1993-94	108	133	132	107	133	133	131	131	132	1007
1994-95	108	133	133	108	133	133	133	133	132	1014
1995-96	108	133	133	108	133	133	133	133	133	1013
1996-97	108	133	133	108	133	133	133	133	133	1014
1997-98	108	133	133	108	133	133	133	133	133	1014
1998-99	108	130	132	106	133	133	130	130	133	999
1999-2000	108	133	133	108	133	133	131	131	132	1007
2000-01	108	133	133	108	133	133	133	133	133	1014
2001-02	108	133	133	108	133	133	133	133	133	1014
2002-03	107	132	132	108	133	133	133	133	133	1011
Number of interviews										
1983-84		8	7	5	11	5	3	120	159	
1984-85		6	1	1	10	9	1	92	120	
1985-86		4	3	4	26	11	12	94	154	
1986-87		4	5	7	24	8	26	100	174	
1987-88	0	2	2	2	30	12	37	87	172	
1988-89	0	2	0	5	49	15	94	96	261	
1989-90	0	9	1	1	70	25	81	97	284	
1990-91	2	3	3	3	56	22	22	100	211	
1991-92	1	13	4	0	66	37	77	85	283	
1992-93	3	11	2	1	195	24	114	133	483	
1993-94	0	10	0	2	176	33	73	140	434	
1994-95	4	12	7	13	180	50	101	95	462	
1995-96	2	9	19	7	204	51	126	82	500	
1996-97	4	17	25	14	159	60	156	84	519	
1997-98	5	16	13	21	204	35	166	125	585	
1998-99	7	25	31	61	241	45	208	72	690	
1999-2000	16	34	29	61	186	58	302	93	779	
2000-01	26	25	33	61	251	51	324	92	874	

Table C.1. (Cont'd.)

Item Year	Bay system									
	Sabine Lake	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre	Coastwide	
Number of interviews (Cont'd.)										
2001-02	21	36	35	64	301	86	280	81	904	
2002-03	10	43	40	79	241	52	250	101	816	
Number of anglers interviewed										
1983-84		27	33	16	38	18	9	386	527	
1984-85		23	4	3	32	32	2	334	430	
1985-86		16	12	13	85	38	35	350	549	
1986-87		12	21	25	77	32	89	331	587	
1987-88	0	6	8	7	102	46	133	284	586	
1988-89	0	7	0	18	166	64	320	328	903	
1989-90	0	28	5	2	265	98	283	327	1008	
1990-91	6	13	11	14	213	82	70	343	752	
1991-92	2	42	18	0	251	132	282	300	1027	
1992-93	5	41	5	5	740	98	403	467	1764	
1993-94	0	32	0	8	673	137	278	457	1585	
1994-95	14	50	27	50	701	207	364	320	1733	
1995-96	6	36	66	27	767	221	487	275	1885	
1996-97	16	67	92	56	615	239	561	294	1940	
1997-98	23	71	45	78	782	133	628	468	2228	
1998-99	18	98	110	241	945	188	788	259	2647	
1999-2000	57	125	110	245	723	230	1139	312	2941	
2000-01	89	99	123	303	969	193	1237	321	3334	
2001-02	78	135	145	259	1169	350	1082	272	3490	
2002-03	34	178	133	314	942	189	953	367	3110	

Table C.2. (Cont'd.)

Item Year	Bay system									
	Sabine Lake	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre	Coastwide	
Party size (Cont'd.)										
2001-02	3.7	3.7	4.1	4.0	3.9	4.1	3.9	3.4	3.9	3.9
2002-03	3.4	4.1	3.3	4.0	3.9	3.6	3.8	3.6	3.8	3.8
Trip length										
1983-84		7.1	5.1	6.5	4.8	7.6	4.0	6.1	6.0	6.0
1984-85		7.4	6.5	4.5	5.4	5.6	8.0	5.5	5.6	5.6
1985-86		9.0	5.0	6.4	6.2	6.3	6.8	5.6	5.9	5.9
1986-87		9.0	5.6	6.5	6.2	6.9	7.1	5.8	6.2	6.2
1987-88		8.0	9.0	7.3	6.2	7.0	7.5	6.2	6.6	6.6
1988-89		7.8		8.3	6.9	7.7	8.1	5.6	6.9	6.9
1989-90		6.8	6.0	4.0	7.1	6.4	7.9	5.9	6.8	6.8
1990-91	6.5	9.7	5.8	9.2	7.1	7.5	7.1	5.6	6.5	6.5
1991-92	6.0	6.0	6.1	7.0	7.0	7.2	7.9	5.8	6.9	6.9
1992-93	5.5	7.6	8.8	4.5	6.8	6.9	7.5	6.0	6.7	6.7
1993-94		5.3		8.0	6.6	6.6	7.5	5.4	6.3	6.3
1994-95	7.5	7.8	6.6	7.2	6.6	6.8	7.3	5.4	6.6	6.6
1995-96	5.8	7.7	7.4	8.4	6.8	7.1	7.8	5.6	6.9	6.9
1996-97	6.4	7.1	7.3	8.1	6.8	6.3	7.8	5.3	6.9	6.9
1997-98	7.0	6.2	8.7	7.8	7.0	6.4	7.3	5.3	6.7	6.7
1998-99	7.2	7.2	7.7	7.2	6.6	6.5	7.7	5.7	7.0	7.0
1999-2000	6.2	6.8	9.4	7.6	6.8	6.7	7.1	5.8	6.9	6.9
2000-01	6.6	6.9	7.2	7.6	6.6	6.5	7.0	5.5	6.8	6.8
2001-02	6.7	7.4	7.2	7.9	6.9	6.4	7.4	5.4	7.0	7.0
2002-03	7.1	6.8	7.7	7.4	6.7	6.4	7.5	6.1	7.0	7.0

* Due to rounding of numbers, coastwide totals may not exactly equal sum of bay system totals.

Table C.3. Estimated annual landings of fishes (no. x 1,000) ± 1 SE caught by party-boat anglers in Texas bays and passes by bay system, species, and year (1983-2003). Blanks indicate no interviews conducted.

Species Year	Bay system								Coastwide*	
	Sabine Lake	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre		
Atlantic croaker										
1983-84		0.2 ± 0.2	0.0	0.0	0.0	0.0	4.7 ± 4.7	0.0	0.1 ± 0.1	5.1 ± 4.7
1984-85		0.1 ± 0.1	0.0	0.0	0.0	0.0	0.1 ± 0.1	0.0	0.1 ± 0.1	0.3 ± 0.2
1985-86		0.0	<.1 ± <.1	0.0	0.0	0.0	0.0	0.0	0.0	<.1 ± <.1
1986-87		0.0	0.0	0.0	0.0	0.0	0.0	<.1 ± <.1	0.0	<.1 ± <.1
1987-88		0.3 ± 0.3	0.0	0.0	0.0	0.0	0.0	0.1 ± <.1	0.0	0.3 ± 0.3
1988-89		0.0	0.0	0.0	0.0	0.0	<.1 ± <.1	0.1 ± 0.1	<.1 ± <.1	0.2 ± 0.1
1989-90		0.1 ± 0.1	0.1 ± 0.1	0.0	0.0	0.0	<.1 ± <.1	0.1 ± 0.1	<.1 ± <.1	0.3 ± 0.1
1990-91	<.1 ± <.1	0.0	0.0	0.0	0.0	0.0	<.1 ± <.1	0.0	0.0	0.1 ± 0.1
1991-92	0.0	0.7 ± 0.6	0.0	0.0	0.0	0.0	<.1 ± <.1	0.1 ± 0.1	<.1 ± <.1	0.1 ± 0.1
1992-93	0.0	0.0	0.0	0.0	0.0	0.0	<.1 ± <.1	0.1 ± 0.1	0.5 ± 0.5	1.4 ± 0.7
1993-94		0.3 ± 0.3	0.0	0.0	<.1 ± <.1	0.0	0.0	0.1 ± 0.1	0.3 ± 0.3	0.9 ± 0.5
1994-95	<.1 ± <.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1 ± 0.1	0.4 ± 0.4	1.6 ± 0.9
1995-96	0.0	0.0	0.0	0.0	<.1 ± <.1	0.0	0.0	0.2 ± 0.2	0.4 ± 0.4	0.2 ± 0.2
1996-97	0.1 ± 0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2 ± 0.1	0.3 ± 0.3	0.4 ± 0.2
1997-98	0.2 ± 0.2	0.4 ± 0.4	<.1 ± <.1	0.0	0.0	0.0	<.1 ± <.1	0.2 ± 0.1	0.2 ± 0.2	0.5 ± 0.3
1998-99	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4 ± 0.1	1.0 ± 0.5	1.2 ± 0.7
1999-2000	0.2 ± 0.2	0.0	0.0	0.0	<.1 ± <.1	0.0	0.0	0.1 ± 0.1	0.1 ± 0.1	0.2 ± 0.1
2000-01	1.1 ± 1.1	0.1 ± 0.1	0.0	0.0	<.1 ± <.1	0.0	0.0	0.1 ± 0.1	0.1 ± 0.1	0.4 ± 0.3
2001-02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	<.1 ± <.1	0.5 ± 0.5	1.7 ± 1.2
2002-03	0.1 ± 0.1	0.1 ± 0.1	0.1 ± 0.1	0.0	0.0	0.0	<.1 ± <.1	0.1 ± <.1	0.0	0.1 ± 0.1
Black drum										
1983-84		0.1 ± 0.1	0.0	0.0	0.0	0.0	0.7 ± 0.7	0.0	1.2 ± 0.7	2.0 ± 1.0
1984-85		0.1 ± 0.1	<.1 ± <.1	<.1 ± <.1	<.1 ± <.1	0.2 ± 0.2	0.4 ± 0.4	0.0	0.2 ± 0.2	0.9 ± 0.5
1985-86		0.0	0.3 ± 0.3	0.0	<.1 ± <.1	<.1 ± <.1	0.0	<.1 ± <.1	0.1 ± 0.1	0.5 ± 0.3
1986-87		<.1 ± <.1	0.0	<.1 ± <.1	0.1 ± 0.1	0.1 ± 0.1	0.1 ± 0.1	<.1 ± <.1	0.7 ± 0.7	1.0 ± 0.7
1987-88		0.0	0.2 ± 0.2	0.2 ± 0.2	0.1 ± 0.1	0.1 ± 0.1	0.0	<.1 ± <.1	0.2 ± 0.2	0.7 ± 0.3
1988-89		0.0	0.0	0.0	0.2 ± 0.1	0.2 ± 0.1	0.4 ± 0.4	0.2 ± 0.2	0.1 ± 0.1	0.8 ± 0.5
1989-90		0.1 ± 0.1	0.0	0.0	0.6 ± 0.4	0.6 ± 0.4	0.0	0.1 ± 0.1	0.4 ± 0.2	1.4 ± 0.5
1990-91		0.0	0.8 ± 0.8	<.1 ± <.1	1.5 ± 0.7	1.5 ± 0.7	1.0 ± 0.8	0.3 ± 0.2	0.4 ± 0.2	4.1 ± 1.4
1991-92	<.1 ± <.1	0.1 ± 0.1	1.5 ± 1.5	0.0	0.3 ± 0.2	0.3 ± 0.2	0.7 ± 0.4	1.2 ± 0.5	0.7 ± 0.5	4.6 ± 1.7
1992-93	0.0	0.0	0.0	0.0	1.7 ± 1.4	1.7 ± 1.4	0.7 ± 0.4	1.1 ± 0.4	1.3 ± 0.9	4.9 ± 1.7
1993-94		0.3 ± 0.3	0.0	0.0	4.0 ± 1.6	4.0 ± 1.6	1.7 ± 0.9	2.2 ± 0.7	0.7 ± 0.4	8.8 ± 2.0
1994-95		0.7 ± 0.6	0.0	0.0	2.2 ± 0.7	2.2 ± 0.7	6.3 ± 3.4	9.8 ± 6.3	1.6 ± 1.1	20.6 ± 7.3
1995-96		0.0	0.2 ± 0.1	<.1 ± <.1	3.0 ± 1.5	3.0 ± 1.5	3.3 ± 1.9	4.4 ± 2.0	0.5 ± 0.3	11.4 ± 3.1
1996-97		0.0	0.0	0.1 ± <.1	1.3 ± 0.5	1.3 ± 0.5	4.5 ± 3.5	8.1 ± 2.2	2.1 ± 0.9	16.1 ± 4.3
1997-98	0.2 ± 0.2	0.0	<.1 ± <.1	0.1 ± 0.1	1.5 ± 0.6	1.5 ± 0.6	11.3 ± 11.0	2.6 ± 0.8	0.9 ± 0.5	16.7 ± 11.1
1998-99	0.0	0.1 ± 0.1	<.1 ± <.1	0.0	1.4 ± 0.5	1.4 ± 0.5	<.1 ± <.1	2.9 ± 0.9	0.3 ± 0.2	4.7 ± 0.9
1999-2000	0.0	0.0	0.1 ± 0.1	0.9 ± 0.6	0.6 ± 0.3	0.6 ± 0.3	0.3 ± 0.2	15.5 ± 10.2	2.6 ± 1.5	19.9 ± 10.3
2000-01	0.1 ± <.1	0.0	0.2 ± 0.1	1.2 ± 0.6	2.2 ± 0.8	2.2 ± 0.8	3.6 ± 3.6	2.8 ± 1.0	0.9 ± 0.4	11.1 ± 3.9

Table C.3. (Cont'd.)

Species Year	Bay system										Coastwide*	
	Sabine Lake	Galveston	Matagorda	San Antonio	Aranzas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre				
Black drum (Cont'd.)												
2001-02	<1 ± <1	0.0	<1 ± <1	0.6 ± 0.3	2.0 ± 0.7	0.7 ± 0.5	3.6 ± 1.4	25.7 ± 24.2	32.7 ± 24.3			
2002-03	0.0	0.1 ± 0.1	0.5 ± 0.4	1.0 ± 0.5	5.4 ± 2.1	4.6 ± 4.0	3.8 ± 2.6	3.9 ± 2.5	19.5 ± 5.8			
Gafftopsail catfish												
1983-84		0.0	0.2 ± 0.2	0.0	0.0	0.3 ± 0.3	0.0	<1 ± <1	0.5 ± 0.4			
1984-85		0.0	0.0	0.0	0.2 ± 0.2	<1 ± <1	0.0	0.0	0.2 ± 0.2			
1985-86		0.0	0.0	0.0	0.0	0.2 ± 0.2	0.0	0.0	0.2 ± 0.2			
1986-87		0.0	0.9 ± 0.9	0.1 ± 0.1	0.1 ± 0.1	0.0	0.0	0.0	1.1 ± 0.9			
1987-88		0.0	0.0	<1 ± <1	<1 ± <1	0.1 ± 0.1	0.0	0.0	0.1 ± 0.1			
1988-89		0.0	0.0	0.0	0.0	0.2 ± 0.2	0.0	0.0	0.3 ± 0.2			
1989-90		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
1990-91	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
1991-92	0.0	4.2 ± 4.2	0.0	0.0	<1 ± <1	0.0	0.0	0.0	4.2 ± 4.2			
1992-93	0.0	0.0	0.0	0.0	0.1 ± 0.1	0.0	0.0	0.0	0.1 ± 0.1			
1993-94		0.0	0.0	0.0	0.0	<1 ± <1	0.0	0.0	<1 ± <1			
1994-95	<1 ± <1	0.0	0.0	0.0	0.5 ± 0.3	<1 ± <1	0.0	0.0	0.6 ± 0.3			
1995-96	0.0	0.0	0.0	0.0	0.5 ± 0.3	0.0	0.0	0.0	0.5 ± 0.3			
1996-97	0.0	0.0	0.0	0.0	0.2 ± 0.2	0.3 ± 0.3	0.0	0.0	0.5 ± 0.3			
1997-98	0.0	0.0	0.0	0.0	0.2 ± 0.2	0.1 ± 0.1	0.0	0.0	0.4 ± 0.3			
1998-99	0.0	0.0	0.4 ± 0.4	0.2 ± 0.2	0.2 ± 0.2	0.2 ± 0.1	0.0	0.0	0.6 ± 0.4			
1999-2000	0.1 ± 0.1	0.0	0.0	0.0	0.0	0.1 ± 0.1	0.0	0.0	0.3 ± 0.1			
2000-01	9.8 ± 9.8	<1 ± <1	0.0	0.1 ± 0.1	0.1 ± 0.1	0.1 ± 0.1	<1 ± <1	0.0	9.9 ± 9.9			
2001-02	0.0	0.1 ± 0.1	0.0	0.2 ± 0.1	0.1 ± 0.1	0.2 ± 0.1	0.0	0.0	0.5 ± 0.2			
2002-03	0.2 ± 0.2	2.0 ± 1.8	0.0	0.1 ± 0.1	0.2 ± 0.2	0.2 ± 0.2	0.0	0.0	2.7 ± 1.8			
Red drum												
1983-84		0.2 ± 0.2	0.1 ± 0.1	0.4 ± 0.3	0.5 ± 0.3	0.2 ± 0.2	0.0	5.1 ± 1.2	6.5 ± 1.4			
1984-85		1.9 ± 1.6	0.2 ± 0.2	0.0	1.3 ± 0.7	1.0 ± 0.5	0.0	3.8 ± 1.0	8.1 ± 2.0			
1985-86		0.1 ± 0.1	3.3 ± 3.2	1.0 ± 0.8	5.1 ± 1.7	0.7 ± 0.5	0.3 ± 0.1	8.0 ± 2.0	18.5 ± 4.3			
1986-87		<1 ± <1	1.3 ± 1.3	1.0 ± 0.9	4.2 ± 2.1	1.2 ± 1.1	0.7 ± 0.5	6.0 ± 1.4	14.5 ± 3.3			
1987-88		0.0	<1 ± <1	0.1 ± 0.1	6.2 ± 3.0	4.2 ± 3.7	1.6 ± 0.6	8.3 ± 2.0	20.3 ± 5.2			
1988-89		0.0	0.0	0.1 ± 0.1	3.8 ± 1.2	0.3 ± 0.2	2.3 ± 1.0	12.6 ± 3.6	19.2 ± 3.9			
1989-90		1.1 ± 1.1	0.0	0.0	5.8 ± 1.4	3.6 ± 1.9	2.0 ± 0.6	7.5 ± 2.2	20.1 ± 3.4			
1990-91	0.0	2.2 ± 2.2	0.8 ± 0.8	0.2 ± 0.1	7.8 ± 3.4	2.5 ± 1.2	1.9 ± 0.8	5.2 ± 1.3	20.6 ± 4.6			
1991-92	0.0	0.6 ± 0.6	0.2 ± 0.2	0.0	6.7 ± 2.1	5.1 ± 1.9	2.4 ± 0.9	5.8 ± 3.8	20.7 ± 4.9			
1992-93		0.8 ± 0.4	<1 ± <1	0.0	11.8 ± 2.3	2.7 ± 1.3	3.5 ± 1.9	11.3 ± 3.1	30.1 ± 4.5			
1993-94		3.1 ± 3.1	0.0	0.2 ± 0.2	20.8 ± 3.8	7.1 ± 2.6	2.4 ± 0.9	10.9 ± 2.9	44.4 ± 6.3			
1994-95	0.2 ± 0.2	4.4 ± 3.0	0.7 ± 0.4	0.2 ± 0.1	15.6 ± 3.0	12.9 ± 5.8	6.7 ± 2.8	11.4 ± 6.6	52.1 ± 10.1			
1995-96	0.2 ± 0.2	0.3 ± 0.2	1.7 ± 0.9	0.7 ± 0.4	16.3 ± 3.8	9.1 ± 3.6	2.1 ± 0.7	4.8 ± 2.1	35.3 ± 5.8			
1996-97	0.4 ± 0.2	0.8 ± 0.5	2.7 ± 2.1	0.5 ± 0.2	13.6 ± 2.6	9.1 ± 3.7	5.3 ± 2.3	6.5 ± 1.6	38.9 ± 5.8			
1997-98	0.2 ± 0.2	1.2 ± 0.7	5.0 ± 3.7	2.3 ± 1.2	14.2 ± 2.6	5.2 ± 2.2	4.2 ± 1.0	6.6 ± 1.7	38.9 ± 5.6			
1998-99	0.8 ± 0.5	0.9 ± 0.5	0.5 ± 0.2	6.7 ± 3.1	16.8 ± 3.4	10.0 ± 4.8	4.9 ± 1.2	7.9 ± 2.6	48.7 ± 7.3			

Table C.3. (Cont'd.)

Species Year	Bay system										Coastwide ^a	
	Sabine Lake	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre				
Red drum (Cont'd.)												
1999-2000	1.7 ± 1.0	2.3 ± 1.2	0.6 ± 0.3	6.2 ± 2.5	11.3 ± 1.9	11.4 ± 6.8	12.5 ± 2.8	14.6 ± 5.6	60.5 ± 9.9			
2000-01	8.2 ± 7.6	0.6 ± 0.8	1.4 ± 0.7	6.3 ± 2.5	9.5 ± 1.6	7.8 ± 2.8	15.9 ± 3.1	17.5 ± 7.8	67.4 ± 12.1			
2001-02	1.0 ± 0.8	0.9 ± 0.5	2.0 ± 1.1	2.5 ± 0.7	17.4 ± 3.1	17.5 ± 4.8	6.2 ± 0.9	15.0 ± 7.1	62.6 ± 9.3			
2002-03	3.8 ± 2.1	2.0 ± 1.0	2.5 ± 1.0	8.9 ± 4.3	16.2 ± 3.4	40.8 ± 15.9	6.0 ± 1.6	5.8 ± 1.4	85.9 ± 17.2			
Sand seatrout												
1983-84		0.1 ± 0.1	4.0 ± 4.0	0.0	0.9 ± 0.7	0.9 ± 0.8	0.0	<.1 ± <.1	5.9 ± 4.1			
1984-85		0.1 ± 0.1	0.0	0.0	0.0	0.6 ± 0.6	0.0	0.0	0.8 ± 0.6			
1985-86		1.9 ± 1.9	0.0	0.0	0.0	0.0	0.1 ± 0.1	0.9 ± 0.5	2.8 ± 2.0			
1986-87		0.5 ± 0.4	0.0	0.0	<.1 ± <.1	1.0 ± 1.0	<.1 ± <.1	0.0	1.6 ± 1.1			
1987-88		0.0	0.0	0.0	0.0	2.2 ± 1.7	0.0	<.1 ± <.1	2.2 ± 1.7			
1988-89		0.7 ± 0.7	0.0	0.0	0.0	0.2 ± 0.2	0.1 ± 0.1	0.1 ± 0.1	1.0 ± 0.7			
1989-90		1.2 ± 1.2	0.0	0.0	0.0	<.1 ± <.1	0.0	0.0	1.0 ± 0.7			
1990-91	0.0	0.0	0.0	0.0	0.3 ± 0.3	0.4 ± 0.3	0.0	0.0	1.3 ± 1.2			
1991-92	0.0	1.9 ± 1.1	0.0	0.0	1.1 ± 1.0	0.2 ± 0.2	0.2	0.3 ± 0.2	1.1 ± 0.5			
1992-93	0.0	0.5 ± 0.4	0.0	0.0	0.3 ± 0.1	1.5 ± 1.3	0.4 ± 0.2	0.9 ± 0.9	4.3 ± 1.7			
1993-94		0.6 ± 0.6	0.0	0.0	0.1 ± <.1	0.1 ± 0.1	0.7 ± 0.2	2.3 ± 1.0	4.9 ± 1.7			
1994-95	0.1 ± 0.1	2.1 ± 1.7	<.1 ± <.1	0.0	0.2 ± 0.2	0.0	1.7 ± 0.5	1.0 ± 0.7	1.6 ± 0.6			
1995-96	0.0	3.2 ± 3.2	0.6 ± 0.3	0.0	0.1 ± 0.1	0.1 ± 0.1	2.3 ± 1.3	0.9 ± 0.7	5.1 ± 1.9			
1996-97	0.1 ± 0.1	1.3 ± 1.2	0.1 ± <.1	0.0	0.0	0.0	0.7 ± 0.3	0.4 ± 0.3	7.1 ± 3.5			
1997-98	0.2 ± 0.2	0.7 ± 0.5	0.0	0.0	0.0	0.0	0.1 ± <.1	1.5 ± 1.3	2.5 ± 1.3			
1998-99	0.0	1.8 ± 1.5	0.1 ± 0.1	0.0	<.1 ± <.1	<.1 ± <.1	0.1 ± <.1	0.3 ± 0.3	2.5 ± 1.5			
1999-2000	0.0	1.2 ± 1.2	<.1 ± <.1	0.0	0.2 ± 0.1	0.2 ± 0.2	0.5 ± 0.2	0.3 ± 0.3	2.4 ± 1.5			
2000-01	0.3 ± 0.2	2.6 ± 2.4	<.1 ± <.1	0.0	0.2 ± 0.1	0.1 ± 0.1	0.1 ± 0.1	0.3 ± 0.3	2.4 ± 1.3			
2001-02	0.1 ± 0.1	1.0 ± 0.7	0.6 ± 0.6	0.1 ± 0.1	0.8 ± 0.8	1.6 ± 1.5	0.2 ± 0.1	0.3 ± 0.2	3.6 ± 2.4			
2002-03	0.0	7.0 ± 3.3	<.1 ± <.1	0.0	0.1 ± 0.1	9.8 ± 9.8	0.1 ± 0.1	0.1 ± 0.1	4.4 ± 1.9			
Sheepshead												
1983-84		0.0	0.0	0.0	0.0	1.1 ± 0.7	0.0	0.3 ± 0.1	1.4 ± 0.7			
1984-85		0.0	0.0	0.0	0.0	0.0	0.0	0.5 ± 0.3	0.5 ± 0.3			
1985-86		0.0	0.0	0.0	<.1 ± <.1	0.0	0.0	<.1 ± <.1	<.1 ± <.1			
1986-87		0.0	8.5 ± 7.2	0.1 ± 0.1	0.0	<.1 ± <.1	<.1 ± <.1	0.0	8.7 ± 7.3			
1987-88		0.0	0.0	0.0	0.2 ± 0.2	0.2 ± 0.1	0.0	0.0	0.4 ± 0.2			
1988-89		0.0	0.0	0.0	0.0	0.4 ± 0.4	<.1 ± <.1	<.1 ± <.1	0.4 ± 0.2			
1989-90		0.0	0.0	0.0	<.1 ± <.1	0.0	0.0	0.2 ± 0.1	0.4 ± 0.2			
1990-91	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1 ± 0.1	0.2 ± 0.1			
1991-92	0.0	0.0	0.0	0.0	0.0	0.1 ± 0.1	<.1 ± <.1	0.1 ± 0.1	0.2 ± 0.1			
1992-93	0.0	0.4 ± 0.4	0.0	0.0	0.0	0.2 ± 0.2	0.1 ± <.1	0.5 ± 0.3	9.0 ± 8.9			
1993-94	0.0	0.0	0.0	0.0	0.0	0.0	<.1 ± <.1	0.2 ± 0.1	0.3 ± 0.2			
1994-95	0.0	0.0	<.1 ± <.1	<.1 ± <.1	<.1 ± <.1	0.0	<.1 ± <.1	0.2 ± 0.1	1.2 ± 0.6			
1995-96	0.0	0.0	<.1 ± <.1	0.0	<.1 ± <.1	0.1 ± 0.1	0.2 ± 0.2	0.2 ± 0.1	0.3 ± 0.1			
1996-97	<.1 ± <.1	0.0	<.1 ± <.1	0.0	0.4 ± 0.4	0.0	0.1 ± <.1	0.4 ± 0.2	0.6 ± 0.3			
		0.0	0.0	<.1 ± <.1	0.1 ± 0.1	0.5 ± 0.5	0.1 ± 0.1	0.0	0.9 ± 0.4			

Table C.3. (Cont'd.)

Species Year	Bay system								
	Sabine Lake	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre	Coastwide ^a
Sheepshead (Cont'd.)									
1997-98	0.0	0.4 ± 0.3	0.0	0.1 ± 0.1	0.1 ± 0.1	2.7 ± 2.7	0.2 ± 0.1	10.3 ± 10.3	13.8 ± 10.6
1998-99	0.0	0.0	1.4 ± 1.4	0.6 ± 0.4	0.3 ± 0.2	0.0	0.2 ± 0.1	0.2 ± 0.1	2.7 ± 1.5
1999-2000	0.0	0.4	0.0	0.6 ± 0.5	0.5 ± 0.4	0.1 ± <1	0.2 ± 0.1	0.3 ± 0.3	2.1 ± 0.8
2000-01	0.0	0.0	0.0	0.8 ± 0.7	0.3 ± 0.3	<1 ± <1	0.1 ± 0.1	0.3 ± 0.3	1.5 ± 0.8
2001-02	0.0	0.1 ± 0.1	0.2 ± 0.2	0.3 ± 0.3	0.5 ± 0.4	0.0	0.1 ± <1	1.2 ± 0.9	2.3 ± 1.0
2002-03	0.0	0.1 ± 0.1	1.0 ± 1.0	1.1 ± 1.0	0.5 ± 0.2	0.1 ± 0.1	0.1 ± 0.1	1.6 ± 1.3	4.5 ± 1.9
Southern flounder									
1983-84		0.4 ± 0.3	0.1 ± 0.1	0.1 ± 0.1	<1 ± <1	0.5 ± 0.5	0.0	2.9 ± 0.8	4.0 ± 1.1
1984-85		0.0	0.0	0.0	0.3 ± 0.3	0.3 ± 0.2	<1 ± <1	0.5 ± 0.3	1.2 ± 0.5
1985-86		1.4 ± 1.3	<1 ± <1	0.2 ± 0.2	0.4 ± 0.2	0.0	1.2 ± 0.9	1.6 ± 0.5	4.9 ± 1.7
1986-87		0.9 ± 0.9	0.0	<1 ± <1	0.2 ± 0.1	0.0	1.4 ± 0.5	2.0 ± 0.7	4.7 ± 1.3
1987-88		0.0	0.0	0.0	0.1 ± 0.1	0.1 ± 0.1	0.2 ± 0.1	0.6 ± 0.2	1.1 ± 0.3
1988-89		0.4 ± 0.3	0.4 ± 0.3	<1 ± <1	0.1 ± 0.1	0.2 ± 0.2	0.8 ± 0.3	0.7 ± 0.2	2.2 ± 0.5
1989-90		4.9 ± 3.7	0.1 ± 0.1	0.0	0.1 ± 0.1	0.0	0.2 ± 0.1	1.3 ± 0.5	6.6 ± 3.8
1990-91	0.8 ± 0.8	0.6 ± 0.5	0.0	0.0	0.5 ± 0.4	0.1 ± 0.1	0.1 ± 0.1	0.5 ± 0.2	2.5 ± 1.0
1991-92	0.0	1.0 ± 0.6	0.0	0.0	0.5 ± 0.2	0.4 ± 0.2	2.6 ± 1.6	5.0 ± 3.5	9.4 ± 3.9
1992-93	<1 ± <1	0.4 ± 0.3	0.0	0.0	0.5 ± 0.1	<1 ± <1	0.5 ± 0.1	2.3 ± 0.8	3.8 ± 0.8
1993-94		0.3 ± 0.3	0.0	0.0	1.0 ± 0.5	<1 ± <1	<1 ± <1	0.8 ± 0.3	2.1 ± 0.6
1994-95	0.0	2.6 ± 1.7	0.1 ± 0.1	<1 ± <1	0.6 ± 0.2	0.3 ± 0.2	0.1 ± <1	0.4 ± 0.2	4.0 ± 1.8
1995-96	0.0	1.0 ± 0.9	1.0 ± 0.8	0.1 ± 0.1	1.2 ± 0.4	<1 ± <1	0.1 ± <1	0.9 ± 0.4	4.4 ± 1.3
1996-97	0.2 ± 0.2	0.7 ± 0.4	0.3 ± 0.2	<1 ± <1	0.8 ± 0.3	0.5 ± 0.3	0.2 ± 0.1	0.7 ± 0.1	3.0 ± 0.7
1997-98	4.0 ± 2.6	<1 ± <1	<1 ± <1	<1 ± <1	0.4 ± 0.2	<1 ± <1	0.2 ± 0.1	0.8 ± 0.3	5.5 ± 2.7
1998-99	7.1 ± 4.9	2.1 ± 1.0	0.2 ± 0.1	0.6 ± 0.4	1.3 ± 0.5	0.1 ± 0.1	0.9 ± 0.3	2.0 ± 1.1	14.4 ± 5.2
1999-2000	7.0 ± 6.3	3.0 ± 1.9	0.4 ± 0.4	0.2 ± 0.1	0.6 ± 0.2	0.4 ± 0.3	0.5 ± 0.2	2.5 ± 1.3	14.5 ± 6.7
2000-01	34.0 ± 33.7	1.0 ± 0.6	0.6 ± 0.4	0.3 ± 0.1	0.5 ± 0.2	0.7 ± 0.5	0.4 ± 0.1	1.6 ± 0.8	39.1 ± 33.7
2001-02	2.3 ± 1.7	1.5 ± 1.1	0.3 ± 0.3	0.1 ± <1	1.0 ± 0.4	0.2 ± 0.1	0.5 ± 0.1	1.0 ± 0.6	7.0 ± 2.2
2002-03	0.5 ± 0.3	1.4 ± 0.9	0.1 ± 0.1	0.3 ± 0.1	0.9 ± 0.2	0.7 ± 0.5	1.2 ± 0.3	2.9 ± 1.3	8.1 ± 1.7
Spotted seatrout									
1983-84		15.7 ± 7.2	3.1 ± 1.7	5.7 ± 5.3	11.7 ± 7.5	8.2 ± 7.0	0.6 ± 0.6	65.5 ± 9.8	110.5 ± 16.9
1984-85		8.6 ± 7.3	0.1 ± 0.1	0.0	0.6 ± 0.5	2.0 ± 0.8	0.0	32.1 ± 9.3	43.4 ± 11.8
1985-86		9.3 ± 8.5	4.9 ± 4.3	0.2 ± 0.2	8.0 ± 3.9	8.7 ± 5.1	2.8 ± 1.9	22.7 ± 5.6	56.6 ± 12.9
1986-87		7.8 ± 6.1	2.0 ± 1.8	3.6 ± 2.5	8.6 ± 3.4	3.2 ± 2.3	4.6 ± 1.5	31.6 ± 8.0	61.4 ± 11.4
1987-88		1.9 ± 1.3	1.1 ± 1.0	0.1 ± 0.1	21.6 ± 8.0	32.3 ± 22.1	6.8 ± 1.9	17.9 ± 3.2	81.7 ± 23.9
1988-89		4.5 ± 3.2	0.0	0.6 ± 0.4	14.5 ± 5.9	17.2 ± 7.8	23.7 ± 10.6	28.6 ± 6.4	89.2 ± 16.1
1989-90		15.4 ± 9.1	0.0	0.0	11.4 ± 4.0	38.0 ± 24.3	6.6 ± 1.7	21.1 ± 5.1	92.3 ± 26.8
1990-91	0.0	0.3 ± 0.2	1.7 ± 1.6	0.1 ± 0.1	1.4 ± 0.6	6.6 ± 2.8	1.6 ± 0.9	23.4 ± 6.3	35.1 ± 7.2
1991-92	<1 ± <1	4.8 ± 3.6	1.3 ± 0.9	0.0	6.9 ± 3.3	21.9 ± 9.7	24.1 ± 9.9	23.0 ± 6.4	82.0 ± 16.0
1992-93	0.3 ± 0.3	5.0 ± 2.7	0.2 ± 0.2	0.0	35.8 ± 8.2	26.1 ± 14.0	21.8 ± 4.9	65.5 ± 25.1	154.8 ± 30.4
1993-94		2.5 ± 1.7	0.0	0.2 ± 0.2	40.1 ± 7.9	23.2 ± 8.4	25.8 ± 11.1	35.2 ± 7.8	127.0 ± 17.9
1994-95	0.6 ± 0.4	17.9 ± 11.2	2.0 ± 1.3	3.1 ± 1.3	45.5 ± 9.3	59.2 ± 22.7	19.9 ± 5.6	31.3 ± 10.9	179.5 ± 29.7

Table C.3. (Cont'd.)

Species Year	Bay system								Coastwide ^a
	Sabine Lake	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre	
Spotted seatrout (Cont'd.)									
1995-96	0.5 ± 0.4	5.5 ± 3.8	7.1 ± 3.2	1.8 ± 1.2	60.3 ± 12.4	39.7 ± 12.4	34.4 ± 8.0	32.9 ± 10.0	182.3 ± 22.3
1996-97	1.9 ± 1.4	15.1 ± 10.3	16.1 ± 7.9	3.0 ± 1.2	50.0 ± 12.4	70.9 ± 22.4	45.9 ± 21.0	24.1 ± 8.0	227.2 ± 36.5
1997-98	4.0 ± 2.2	16.5 ± 7.7	48.7 ± 44.0	12.4 ± 7.7	85.6 ± 14.3	24.8 ± 8.5	66.5 ± 13.2	69.7 ± 17.7	328.2 ± 53.1
1998-99	5.9 ± 5.5	57.0 ± 35.2	6.1 ± 1.8	40.9 ± 22.5	64.3 ± 12.5	90.9 ± 51.8	71.3 ± 13.3	19.0 ± 6.0	355.3 ± 69.5
1999-2000	30.7 ± 19.9	48.0 ± 16.1	21.2 ± 12.3	43.1 ± 19.7	55.4 ± 15.9	59.2 ± 28.4	99.4 ± 15.1	45.4 ± 15.0	402.3 ± 52.1
2000-01	46.9 ± 36.0	20.2 ± 7.0	51.3 ± 31.2	31.8 ± 12.9	88.9 ± 25.1	37.1 ± 15.5	95.8 ± 14.7	66.1 ± 23.7	437.9 ± 64.3
2001-02	7.7 ± 3.3	15.7 ± 6.5	56.7 ± 31.0	16.4 ± 3.6	64.4 ± 14.1	21.2 ± 5.2	62.5 ± 11.0	35.6 ± 11.5	280.1 ± 38.8
2002-03	10.1 ± 8.6	37.7 ± 13.4	40.2 ± 31.3	31.7 ± 11.0	95.7 ± 18.9	47.3 ± 22.8	66.5 ± 9.1	47.0 ± 12.0	376.2 ± 49.6
Other species									
1983-84	0.0	0.0	0.1 ± 0.1	0.0	<.1 ± <.1	0.5 ± 0.3	0.0	0.6 ± 0.4	1.2 ± 0.5
1984-85	0.0	0.0	0.0	<.1 ± <.1	0.0	0.0	0.0	0.3 ± 0.3	0.3 ± 0.3
1985-86	0.0	0.0	0.0	0.0	0.0	0.2 ± 0.2	0.1 ± <.1	0.2 ± 0.1	0.4 ± 0.2
1986-87	0.0	0.0	0.9 ± 0.9	0.3 ± 0.3	0.0	0.0	<.1 ± <.1	0.5 ± 0.2	1.7 ± 1.0
1987-88	0.0	0.0	0.4 ± 0.4	0.0	0.2 ± 0.2	1.8 ± 1.2	<.1 ± <.1	0.2 ± 0.1	2.6 ± 1.3
1988-89	0.0	0.0	0.0	0.0	0.4 ± 0.3	0.6 ± 0.5	0.2 ± 0.1	0.3 ± 0.1	1.4 ± 0.6
1989-90	0.0	0.0	0.0	0.0	0.1 ± 0.1	0.3 ± 0.2	<.1 ± <.1	0.1 ± 0.1	0.5 ± 0.2
1990-91	0.0	0.0	0.1 ± 0.1	0.1 ± 0.1	0.0	0.4 ± 0.4	0.0	0.1 ± 0.1	0.8 ± 0.4
1991-92	0.3 ± 0.3	0.1 ± 0.1	2.0 ± 1.4	0.0	0.1 ± 0.1	0.1 ± 0.1	0.1 ± 0.1	1.1 ± 0.5	3.7 ± 1.5
1992-93	0.0	0.0	0.0	0.0	0.2 ± 0.1	0.9 ± 0.8	3.4 ± 3.3	1.1 ± 0.8	5.5 ± 3.5
1993-94	0.0	0.0	0.0	0.0	0.1 ± <.1	<.1 ± <.1	<.1 ± <.1	0.4 ± 0.2	0.5 ± 0.2
1994-95	0.0	1.5 ± 1.1	<.1 ± <.1	<.1 ± <.1	1.5 ± 1.1	0.2 ± 0.1	0.4 ± 0.3	1.4 ± 0.8	5.0 ± 1.7
1995-96	0.0	0.3 ± 0.3	0.1 ± 0.1	0.0	0.4 ± 0.2	0.2 ± 0.1	0.1 ± <.1	2.3 ± 2.0	3.4 ± 2.1
1996-97	0.0	0.2 ± 0.1	0.2 ± 0.2	0.0	0.3 ± 0.1	0.4 ± 0.3	0.5 ± 0.4	3.7 ± 2.1	5.3 ± 2.2
1997-98	0.0	0.6 ± 0.6	0.0	0.0	0.1 ± 0.1	0.1 ± 0.1	1.0 ± 0.6	0.2 ± 0.1	2.0 ± 0.9
1998-99	0.0	0.7 ± 0.7	0.4 ± 0.3	0.2 ± 0.1	0.1 ± 0.1	0.0	<.1 ± <.1	0.6 ± 0.4	2.1 ± 0.9
1999-2000	0.0	0.0	0.7 ± 0.6	<.1 ± <.1	0.3 ± 0.2	0.3 ± 0.1	1.7 ± 1.5	1.0 ± 0.9	4.0 ± 1.9
2000-01	0.0	0.5 ± 0.5	0.8 ± 0.5	0.1 ± 0.1	0.2 ± 0.1	0.4 ± 0.3	0.8 ± 0.8	2.3 ± 2.1	5.1 ± 2.4
2001-02	0.0	0.6 ± 0.4	4.0 ± 3.6	0.1 ± <.1	0.4 ± 0.2	0.8 ± 0.4	0.5 ± 0.2	0.6 ± 0.4	7.0 ± 3.7
2002-03	<.1 ± <.1	0.3 ± 0.3	1.3 ± 0.7	0.1 ± 0.1	<.1 ± <.1	0.6 ± 0.5	0.1 ± <.1	1.6 ± 1.1	4.2 ± 1.4
All species combined ^a									
1983-84	16.8 ± 7.6	16.8 ± 7.6	7.6 ± 5.1	6.2 ± 5.3	13.1 ± 7.7	17.2 ± 10.1	0.6 ± 0.6	75.7 ± 10.9	137.2 ± 19.8
1984-85	10.9 ± 8.1	10.9 ± 8.1	0.3 ± 0.3	<.1 ± <.1	2.6 ± 1.3	4.3 ± 2.1	<.1 ± <.1	37.4 ± 10.1	55.7 ± 13.2
1985-86	12.7 ± 10.3	12.7 ± 10.3	8.6 ± 6.0	1.4 ± 0.9	13.6 ± 4.5	9.7 ± 5.9	4.4 ± 2.8	33.5 ± 7.4	84.0 ± 16.1
1986-87	9.3 ± 6.5	9.3 ± 6.5	13.6 ± 8.7	5.1 ± 3.4	13.3 ± 4.2	5.5 ± 3.0	6.9 ± 2.3	40.9 ± 9.1	94.5 ± 15.6
1987-88	2.1 ± 1.5	2.1 ± 1.5	1.7 ± 1.4	0.4 ± 0.3	28.4 ± 10.3	40.8 ± 23.1	8.7 ± 2.3	27.4 ± 4.5	109.5 ± 25.9
1988-89	5.6 ± 4.0	5.6 ± 4.0	0.1 ± 0.1	0.7 ± 0.4	19.1 ± 6.4	19.5 ± 8.5	27.4 ± 11.2	42.5 ± 8.5	114.7 ± 18.1
1989-90	22.9 ± 13.0	22.9 ± 13.0	0.1 ± 0.1	0.0	18.0 ± 4.8	41.9 ± 25.4	9.1 ± 2.1	30.7 ± 7.0	122.7 ± 29.9
1990-91	3.1 ± 2.9	3.1 ± 2.9	12.3 ± 12.2	0.4 ± 0.3	11.5 ± 3.9	11.1 ± 3.9	3.9 ± 1.5	30.1 ± 6.9	73.2 ± 15.4
1991-92	13.3 ± 9.2	13.3 ± 9.2	5.0 ± 3.6	0.0	15.6 ± 5.3	28.6 ± 10.1	30.7 ± 12.1	37.1 ± 10.6	130.6 ± 22.0
1992-93	7.2 ± 3.1	7.2 ± 3.1	0.2 ± 0.2	0.0	50.4 ± 9.6	32.5 ± 14.5	30.9 ± 6.9	84.7 ± 29.5	206.1 ± 35.0

Table C-4. Estimated annual catch rates of fishes (no./man-h) \pm 1 SE caught by party-boat anglers in Texas bays and passes by bay system, species, and year (1983-2003). Blanks indicate no interviews conducted.

Species Year	Bay system								
	Sabine Lake	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre	Coastwide
Atlantic croaker									
1983-84		0.01 \pm 0.01	0.00	0.00	0.00	0.34 \pm 0.34	0.00	<.01 \pm <.01	0.04 \pm 0.03
1984-85		0.01 \pm 0.01	0.00	0.00	0.00	0.01 \pm 0.01	0.00	<.01 \pm <.01	<.01 \pm <.01
1985-86		0.00	<.01 \pm <.01	0.00	0.00	0.00	0.00	0.00	<.01 \pm <.01
1986-87		0.00	0.00	0.00	0.00	0.00	<.01 \pm <.01	0.00	<.01 \pm <.01
1987-88		0.10 \pm 0.10	0.00	0.00	0.00	0.00	<.01 \pm <.01	0.00	<.01 \pm <.01
1988-89		0.00	0.00	0.00	0.00	<.01 \pm <.01	<.01 \pm <.01	<.01 \pm <.01	<.01 \pm <.01
1989-90		<.01 \pm <.01	0.07 \pm 0.07	0.00	0.00	<.01 \pm <.01	<.01 \pm <.01	0.00	<.01 \pm <.01
1990-91	0.02 \pm 0.02	0.00	0.00	0.00	0.00	<.01 \pm <.01	<.01 \pm <.01	<.01 \pm <.01	<.01 \pm <.01
1991-92	0.00	0.01 \pm 0.01	0.00	0.00	0.00	0.01 \pm 0.01	<.01 \pm <.01	0.01 \pm <.01	<.01 \pm <.01
1992-93	0.00	0.00	0.00	0.00	0.00	0.01 \pm 0.01	0.02 \pm 0.02	<.01 \pm <.01	<.01 \pm <.01
1993-94		0.01 \pm 0.01	0.00	0.00	0.00	0.00	<.01 \pm <.01	<.01 \pm <.01	<.01 \pm <.01
1994-95	0.01 \pm 0.01	0.00	0.00	0.00	0.00	0.00	0.02 \pm 0.02	<.01 \pm <.01	<.01 \pm <.01
1995-96	0.00	0.00	0.00	0.00	0.00	0.00	<.01 \pm <.01	<.01 \pm <.01	<.01 \pm <.01
1996-97	0.01 \pm 0.01	0.00	0.00	0.00	0.00	0.00	<.01 \pm <.01	<.01 \pm <.01	<.01 \pm <.01
1997-98	0.01 \pm 0.01	0.01 \pm 0.01	<.01 \pm <.01	0.00	0.00	0.00	<.01 \pm <.01	<.01 \pm <.01	<.01 \pm <.01
1998-99	0.00	0.00	0.00	0.00	0.00	0.00	<.01 \pm <.01	<.01 \pm <.01	<.01 \pm <.01
1999-2000	0.01 \pm 0.01	0.00	0.00	0.00	0.00	0.00	<.01 \pm <.01	<.01 \pm <.01	<.01 \pm <.01
2000-01	0.01 \pm 0.01	<.01 \pm <.01	0.00	0.00	0.00	0.00	<.01 \pm <.01	<.01 \pm <.01	<.01 \pm <.01
2001-02	0.00	0.00	0.00	0.00	0.00	<.01 \pm <.01	<.01 \pm <.01	0.00	<.01 \pm <.01
2002-03	<.01 \pm <.01	<.01 \pm <.01	<.01 \pm <.01	0.00	0.00	0.00	<.01 \pm <.01	<.01 \pm <.01	<.01 \pm <.01
Black drum									
1983-84		<.01 \pm <.01	0.00	0.00	0.00	0.05 \pm 0.05	0.00	0.02 \pm 0.02	0.01 \pm 0.01
1984-85		0.01 \pm 0.01	0.04 \pm 0.04	0.07 \pm 0.07	0.01 \pm 0.01	0.04 \pm 0.04	0.00	<.01 \pm <.01	0.01 \pm <.01
1985-86		0.00	0.02 \pm 0.02	0.00	<.01 \pm <.01	0.01 \pm 0.01	0.01 \pm 0.01	0.01 \pm 0.01	0.01 \pm <.01
1986-87		<.01 \pm <.01	0.00	<.01 \pm <.01	<.01 \pm <.01	0.00	<.01 \pm <.01	<.01 \pm <.01	0.01 \pm <.01
1987-88		0.00	0.05 \pm 0.05	0.19 \pm 0.19	<.01 \pm <.01	0.00	<.01 \pm <.01	<.01 \pm <.01	<.01 \pm <.01
1988-89		0.00	0.00	0.00	0.01 \pm <.01	0.01 \pm 0.01	<.01 \pm <.01	<.01 \pm <.01	<.01 \pm <.01
1989-90		<.01 \pm <.01	0.00	0.00	0.01 \pm 0.01	0.00	<.01 \pm <.01	<.01 \pm <.01	<.01 \pm <.01
1990-91		0.00	0.04 \pm 0.04	0.01 \pm 0.01	0.03 \pm 0.02	0.02 \pm 0.01	0.03 \pm 0.02	<.01 \pm <.01	0.02 \pm 0.01
1991-92	0.08 \pm 0.08	<.01 \pm <.01	0.07 \pm 0.07	0.01 \pm 0.01	0.01 \pm 0.01	0.02 \pm 0.01	0.02 \pm 0.01	0.01 \pm 0.01	0.01 \pm 0.01
1992-93	0.00	0.00	0.00	0.00	0.02 \pm 0.01	0.02 \pm 0.01	0.02 \pm 0.01	0.01 \pm 0.01	0.01 \pm 0.01
1993-94		0.01 \pm 0.01	0.00	0.00	0.04 \pm 0.02	0.04 \pm 0.02	0.04 \pm 0.02	0.01 \pm 0.01	0.01 \pm 0.01
1994-95	0.00	0.01 \pm 0.01	0.00	0.00	0.02 \pm 0.01	0.05 \pm 0.03	0.13 \pm 0.09	0.01 \pm <.01	0.02 \pm 0.01
1995-96	0.00	0.00	0.00	0.01 \pm 0.01	0.02 \pm 0.01	0.04 \pm 0.03	0.06 \pm 0.03	0.02 \pm 0.01	0.04 \pm 0.01
1996-97	0.00	0.00	0.00	0.01 \pm <.01	0.01 \pm <.01	0.04 \pm 0.03	0.06 \pm 0.03	0.01 \pm <.01	0.02 \pm 0.01
1997-98	0.01 \pm 0.01	0.00	<.01 \pm <.01	<.01 \pm <.01	0.01 \pm <.01	0.14 \pm 0.14	0.02 \pm 0.01	0.01 \pm <.01	0.03 \pm 0.01
1998-99	0.00	<.01 \pm <.01	<.01 \pm <.01	0.00	0.01 \pm <.01	<.01 \pm <.01	0.02 \pm 0.01	<.01 \pm <.01	0.01 \pm <.01
1999-2000	0.00	0.00	<.01 \pm <.01	0.01 \pm 0.01	<.01 \pm <.01	<.01 \pm <.01	0.08 \pm 0.06	0.02 \pm 0.01	0.02 \pm 0.01
2000-01	<.01 \pm <.01	0.00	<.01 \pm <.01	0.02 \pm 0.01	0.01 \pm <.01	0.05 \pm 0.05	0.02 \pm 0.01	<.01 \pm <.01	0.01 \pm <.01

Table C.4. (Cont'd.)

Species Year	Bay system								
	Sabine Lake	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre	Coastwide
Black drum (Cont'd.)									
2001-02	<.01 ±	0.00	<.01	0.01 ±	0.01 ±	0.01 ±	0.03 ±	0.14 ±	0.04 ±
2002-03	0.00	<.01 ±	0.01	0.01 ±	0.03 ±	0.02 ±	0.03 ±	0.03 ±	0.02 ±
Gafftopsail catfish									
1983-84		0.00	0.03 ±	0.00	0.00	0.02 ±	0.00	<.01 ±	<.01 ±
1984-85		0.00	0.00	0.00	0.01 ±	<.01 ±	0.00	0.00	<.01 ±
1985-86		0.00	0.00	0.00	0.00	0.01 ±	0.00	0.00	<.01 ±
1986-87		0.00	0.03 ±	0.01 ±	0.01 ±	0.00	0.00	0.00	0.01 ±
1987-88		0.00	0.00	0.02 ±	0.00	<.01 ±	0.00	0.00	<.01 ±
1988-89		0.00	0.00	0.00	<.01 ±	0.01 ±	0.00	0.00	<.01 ±
1989-90		0.00	0.00	0.00	0.00	0.00	0.00	0.00	<.01 ±
1990-91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991-92	0.00	0.08 ±	0.00	0.00	<.01 ±	0.00	0.00	0.00	0.01 ±
1992-93	0.00	0.00	0.00	0.00	<.01 ±	0.00	0.00	0.00	<.01 ±
1993-94		0.00	0.00	0.00	0.00	<.01 ±	0.00	0.00	<.01 ±
1994-95	0.01 ±	0.00	0.00	0.00	<.01 ±	<.01 ±	0.00	0.00	<.01 ±
1995-96	0.00	0.00	0.00	0.00	<.01 ±	0.00	0.00	0.00	<.01 ±
1996-97	0.00	0.00	0.00	0.00	<.01 ±	0.00	0.00	0.00	<.01 ±
1997-98	0.00	0.00	0.00	0.00	<.01 ±	<.01 ±	0.00	0.00	<.01 ±
1998-99	0.00	0.00	0.02 ±	<.01 ±	<.01 ±	<.01 ±	0.00	0.00	<.01 ±
1999-2000	<.01 ±	0.00	0.00	<.01 ±	<.01 ±	<.01 ±	0.00	0.00	<.01 ±
2000-01	0.05 ±	<.01 ±	0.00	0.00	<.01 ±	0.00	<.01 ±	0.00	<.01 ±
2001-02	0.00	<.01 ±	0.00	<.01 ±	<.01 ±	<.01 ±	0.00	0.00	<.01 ±
2002-03	<.01 ±	0.02 ±	0.00	<.01 ±	<.01 ±	<.01 ±	0.00	0.00	<.01 ±
Red drum									
1983-84		0.01 ±	0.02 ±	0.09 ±	0.04 ±	0.02 ±	0.00	0.07 ±	0.05 ±
1984-85		0.09 ±	0.31 ±	0.00	0.11 ±	0.09 ±	0.00	0.07 ±	0.08 ±
1985-86		0.01 ±	0.21 ±	0.14 ±	0.20 ±	0.05 ±	0.05 ±	0.12 ±	0.12 ±
1986-87		<.01 ±	0.05 ±	0.09 ±	0.23 ±	0.08 ±	0.07 ±	0.10 ±	0.09 ±
1987-88		0.00	0.01 ±	0.06 ±	0.16 ±	0.11 ±	0.09 ±	0.14 ±	0.13 ±
1988-89		0.00	0.00	0.02 ±	0.11 ±	0.05 ±	0.05 ±	0.16 ±	0.09 ±
1989-90		0.04 ±	0.00	0.00	0.12 ±	0.04 ±	0.07 ±	0.11 ±	0.08 ±
1990-91	0.00	0.14 ±	0.04 ±	0.07 ±	0.16 ±	0.08 ±	0.16 ±	0.06 ±	0.08 ±
1991-92	0.00	0.01 ±	0.01 ±	0.00	0.16 ±	0.06 ±	0.03 ±	0.06 ±	0.06 ±
1992-93	0.03 ±	0.02 ±	0.02 ±	0.00	0.12 ±	0.05 ±	0.03 ±	0.06 ±	0.06 ±
1993-94		0.07 ±	0.07 ±	0.11 ±	0.19 ±	0.08 ±	0.07 ±	0.11 ±	0.09 ±
1994-95	0.11 ±	0.04 ±	0.15 ±	0.03 ±	0.12 ±	0.10 ±	0.04 ±	0.11 ±	0.12 ±
1995-96	0.21 ±	0.01 ±	0.07 ±	0.02 ±	0.12 ±	0.03 ±	0.09 ±	0.11 ±	0.09 ±
1996-97	0.09 ±	0.02 ±	0.11 ±	0.06 ±	0.10 ±	0.05 ±	0.03 ±	0.05 ±	0.08 ±
1997-98	0.01 ±	0.04 ±	0.14 ±	0.06 ±	0.11 ±	0.03 ±	0.04 ±	0.10 ±	0.08 ±

Table C.4. (Cont'd.)

Species Year	Bay system								
	Sabine Lake	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre	Coastwide
Red drum (Cont'd.)									
1998-99	0.04 ± 0.03	0.01 ± 0.01	0.03 ± 0.01	0.09 ± 0.05	0.09 ± 0.02	0.08 ± 0.05	0.04 ± 0.01	0.08 ± 0.03	0.07 ± 0.01
1999-2000	0.04 ± 0.03	0.01 ± 0.01	0.01 ± 0.01	0.09 ± 0.05	0.07 ± 0.02	0.12 ± 0.08	0.04 ± 0.02	0.09 ± 0.04	0.07 ± 0.01
2000-01	0.04 ± 0.04	0.01 ± 0.01	0.02 ± 0.01	0.09 ± 0.04	0.05 ± 0.01	0.10 ± 0.05	0.07 ± 0.02	0.08 ± 0.04	0.06 ± 0.02
2001-02	0.04 ± 0.03	0.01 ± 0.01	0.02 ± 0.01	0.05 ± 0.02	0.08 ± 0.02	0.17 ± 0.10	0.05 ± 0.01	0.08 ± 0.05	0.07 ± 0.01
2002-03	0.13 ± 0.09	0.02 ± 0.01	0.04 ± 0.03	0.13 ± 0.07	0.08 ± 0.02	0.19 ± 0.10	0.04 ± 0.01	0.05 ± 0.02	0.09 ± 0.02
Sand seatrout									
1983-84		<.01 ± .01	0.54 ± 0.54	0.00	0.08 ± 0.06	0.06 ± 0.06	0.00	<.01 ± .01	0.04 ± 0.03
1984-85		0.01 ± 0.01	0.00	0.00	0.00	0.06 ± 0.06	0.00	0.00	0.01 ± 0.01
1985-86		0.10 ± 0.10	0.00	0.00	0.00	0.00	0.01 ± 0.01	0.01 ± 0.01	0.02 ± 0.01
1986-87		0.02 ± 0.02	0.00	0.00	<.01 ± .01	0.07 ± 0.07	<.01 ± .01	0.00	0.01 ± 0.01
1987-88		0.00	0.00	0.00	0.00	0.06 ± 0.05	0.00	<.01 ± .01	0.01 ± 0.01
1988-89		0.19 ± 0.19	0.00	0.00	0.00	0.01 ± 0.01	<.01 ± .01	<.01 ± .01	<.01 ± .01
1989-90		0.04 ± 0.04	0.00	0.00	0.00	<.01 ± .01	0.00	0.00	<.01 ± .01
1990-91	0.00	0.00	0.00	0.00	0.01 ± 0.01	0.01 ± 0.01	0.00	<.01 ± .01	<.01 ± .01
1991-92	0.00	0.03 ± 0.03	0.00	0.00	0.03 ± 0.02	0.01 ± 0.01	<.01 ± .01	0.01 ± 0.01	0.01 ± 0.01
1992-93	0.00	0.02 ± 0.02	0.00	0.00	<.01 ± .01	0.04 ± 0.04	0.01 ± 0.01	0.02 ± 0.01	0.01 ± 0.01
1993-94		0.01 ± 0.01	0.00	0.00	<.01 ± .01	<.01 ± .01	0.01 ± 0.01	<.01 ± .01	<.01 ± .01
1994-95	0.03 ± 0.03	0.02 ± 0.02	0.01 ± 0.01	0.00	<.01 ± .01	0.00	0.02 ± 0.01	0.01 ± 0.01	0.01 ± 0.01
1995-96	0.00	0.13 ± 0.13	0.02 ± 0.01	0.00	<.01 ± .01	<.01 ± .01	0.03 ± 0.02	0.01 ± 0.01	0.02 ± 0.01
1996-97	0.01 ± 0.01	0.04 ± 0.04	<.01 ± .01	0.00	0.00	0.00	0.01 ± 0.01	0.01 ± 0.01	0.01 ± 0.01
1997-98	0.01 ± 0.01	0.03 ± 0.02	0.00	0.00	0.00	0.00	<.01 ± .01	0.01 ± 0.01	0.01 ± 0.01
1998-99	0.00	0.02 ± 0.02	0.01 ± 0.01	0.00	<.01 ± .01	<.01 ± .01	<.01 ± .01	0.01 ± 0.01	<.01 ± .01
1999-2000	0.00	0.01 ± 0.01	<.01 ± .01	0.00	<.01 ± .01	<.01 ± .01	<.01 ± .01	<.01 ± .01	<.01 ± .01
2000-01	<.01 ± .01	0.04 ± 0.04	<.01 ± .01	0.00	<.01 ± .01	<.01 ± .01	<.01 ± .01	<.01 ± .01	<.01 ± .01
2001-02	<.01 ± .01	0.01 ± 0.01	0.01 ± 0.01	<.01 ± .01	<.01 ± .01	0.02 ± 0.01	<.01 ± .01	<.01 ± .01	<.01 ± .01
2002-03	0.00	0.07 ± 0.03	<.01 ± .01	0.00	<.01 ± .01	0.04 ± 0.04	<.01 ± .01	<.01 ± .01	0.02 ± 0.01
Sheepshead									
1983-84		0.00	0.00	0.00	0.00	0.08 ± 0.06	0.00	<.01 ± .01	0.01 ± 0.01
1984-85		0.00	0.00	0.00	0.00	0.00	0.00	0.01 ± 0.01	<.01 ± .01
1985-86		0.00	0.00	0.00	<.01 ± .01	0.00	0.00	<.01 ± .01	<.01 ± .01
1986-87		0.00	0.32 ± 0.29	0.01 ± 0.01	0.00	<.01 ± .01	<.01 ± .01	0.00	0.05 ± 0.04
1987-88		0.00	0.00	0.00	0.01 ± 0.01	<.01 ± .01	0.00	0.00	<.01 ± .01
1988-89		0.00	0.00	0.00	0.00	0.01 ± 0.01	<.01 ± .01	0.00	<.01 ± .01
1989-90		0.00	0.00	0.00	<.01 ± .01	0.00	<.01 ± .01	<.01 ± .01	<.01 ± .01
1990-91	0.00	0.00	0.41 ± 0.41	0.00	0.00	0.00	0.00	<.01 ± .01	<.01 ± .01
1991-92	0.00	0.00	0.00	0.00	0.00	<.01 ± .01	<.01 ± .01	<.01 ± .01	0.04 ± 0.04
1992-93	0.00	0.02 ± 0.02	0.00	0.00	0.00	<.01 ± .01	<.01 ± .01	<.01 ± .01	<.01 ± .01
1993-94	0.00	0.00	0.00	0.00	0.00	0.00	<.01 ± .01	<.01 ± .01	<.01 ± .01
1994-95	0.00	0.00	0.01 ± 0.01	<.01 ± .01	<.01 ± .01	<.01 ± .01	<.01 ± .01	<.01 ± .01	<.01 ± .01
1995-96	0.00	0.00	<.01 ± .01	0.00	<.01 ± .01	0.00	<.01 ± .01	<.01 ± .01	<.01 ± .01

Table C.4. (Cont'd.)

Species Year	Bay system									
	Sabine Lake	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre	Coastwide	
Sheepshead (Cont'd.)										
1996-97	<.01 ± <.01	0.00	0.00	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01	<.01 ± <.01
1997-98	0.00	0.01 ± 0.01	0.00	<.01 ± <.01	<.01 ± <.01	0.03 ± 0.03	<.01 ± <.01	0.06 ± 0.06	0.02 ± 0.02	<.01 ± <.01
1998-99	0.00	0.00	0.07 ± 0.07	0.01 ± 0.01	<.01 ± <.01	0.00	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01
1999-2000	0.00	<.01 ± <.01	0.00	0.01 ± 0.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01
2000-01	0.00	0.00	0.00	0.01 ± 0.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01
2001-02	0.00	<.01 ± <.01	<.01 ± <.01	0.01 ± 0.01	<.01 ± <.01	0.00	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01
2002-03	0.00	<.01 ± <.01	0.01 ± 0.01	0.02 ± 0.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.01 ± 0.01	<.01 ± <.01	<.01 ± <.01
Southern flounder										
1983-84		0.01 ± 0.01	0.02 ± 0.01	0.02 ± 0.02	<.01 ± <.01	0.04 ± 0.04	0.00	0.04 ± 0.01	0.03 ± 0.01	0.03 ± 0.01
1984-85		0.00	0.00	0.00	0.02 ± 0.03	0.02 ± 0.02	0.06 ± 0.06	0.01 ± 0.01	0.01 ± 0.01	0.01 ± 0.01
1985-86		0.07 ± 0.07	<.01 ± <.01	0.03 ± 0.03	0.02 ± 0.01	0.00	0.22 ± 0.18	0.02 ± 0.01	0.03 ± 0.01	0.03 ± 0.01
1986-87		0.04 ± 0.04	0.00	<.01 ± <.01	0.01 ± 0.01	0.00	0.14 ± 0.06	0.03 ± 0.01	0.03 ± 0.01	0.03 ± 0.01
1987-88		0.00	0.00	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.01 ± 0.01	0.01 ± <.01	0.01 ± <.01	0.01 ± <.01
1988-89		0.10 ± 0.09	0.00	<.01 ± <.01	<.01 ± <.01	0.01 ± 0.01	0.02 ± 0.01	0.01 ± <.01	0.01 ± <.01	0.01 ± <.01
1989-90		0.15 ± 0.13	0.10 ± 0.10	<.01 ± <.01	<.01 ± <.01	0.00	0.01 ± <.01	0.02 ± 0.01	0.03 ± 0.02	0.03 ± 0.02
1990-91	0.55 ± 0.55	0.04 ± 0.03	0.00	0.00	0.01 ± <.01	<.01 ± <.01	0.01 ± 0.01	0.01 ± <.01	0.01 ± <.01	0.01 ± <.01
1991-92	0.00	0.02 ± 0.02	0.00	0.00	0.01 ± <.01	<.01 ± <.01	0.04 ± 0.03	0.05 ± 0.04	0.03 ± 0.01	0.03 ± 0.01
1992-93	0.06 ± 0.06	0.02 ± 0.01	0.00	0.00	0.01 ± <.01	<.01 ± <.01	0.01 ± <.01	0.02 ± 0.01	0.01 ± <.01	0.01 ± <.01
1993-94		0.01 ± 0.01	0.00	0.00	0.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.01 ± <.01	0.01 ± <.01	0.01 ± <.01
1994-95	0.00	0.02 ± 0.02	0.02 ± 0.02	0.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.01 ± <.01	0.01 ± <.01
1995-96	0.00	0.04 ± 0.04	0.04 ± 0.03	0.01 ± 0.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.01 ± <.01	0.01 ± <.01	0.01 ± <.01
1996-97	0.06 ± 0.06	0.02 ± 0.01	0.01 ± 0.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.01 ± <.01	0.01 ± <.01	0.01 ± <.01
1997-98	0.27 ± 0.21	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.01 ± <.01	0.01 ± <.01
1998-99	0.34 ± 0.27	0.02 ± 0.01	0.01 ± 0.01	0.01 ± 0.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.01 ± <.01	0.01 ± <.01
1999-2000	0.18 ± 0.17	0.02 ± 0.01	0.01 ± 0.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.02 ± 0.01	0.02 ± 0.01	0.02 ± 0.01
2000-01	0.19 ± 0.18	0.02 ± 0.01	0.01 ± 0.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.01 ± <.01	0.01 ± <.01	0.01 ± <.01
2001-02	0.09 ± 0.07	0.02 ± 0.02	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.01 ± <.01	0.01 ± <.01	0.01 ± <.01
2002-03	0.02 ± 0.01	0.01 ± 0.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.01 ± <.01	0.02 ± 0.01	0.01 ± <.01	0.01 ± <.01
Spotted seatrout										
1983-84		0.56 ± 0.36	0.42 ± 0.29	1.39 ± 1.34	1.00 ± 0.74	0.59 ± 0.53	0.74 ± 0.74	0.91 ± 0.19	0.80 ± 0.17	0.80 ± 0.17
1984-85		0.43 ± 0.39	0.23 ± 0.23	0.00	0.05 ± 0.05	0.19 ± 0.11	0.00	0.56 ± 0.20	0.43 ± 0.14	0.43 ± 0.14
1985-86		0.47 ± 0.46	0.32 ± 0.31	0.03 ± 0.02	0.31 ± 0.17	0.60 ± 0.46	0.53 ± 0.42	0.34 ± 0.10	0.37 ± 0.11	0.37 ± 0.11
1986-87		0.32 ± 0.27	0.08 ± 0.07	0.34 ± 0.29	0.48 ± 0.22	0.21 ± 0.17	0.46 ± 0.19	0.53 ± 0.18	0.38 ± 0.09	0.38 ± 0.09
1987-88		0.75 ± 0.65	0.37 ± 0.34	0.05 ± 0.05	0.56 ± 0.26	0.88 ± 0.66	0.38 ± 0.15	0.29 ± 0.07	0.51 ± 0.16	0.51 ± 0.16
1988-89		1.22 ± 1.05	0.00	0.13 ± 0.10	0.44 ± 0.21	0.59 ± 0.35	0.47 ± 0.25	0.35 ± 0.11	0.44 ± 0.10	0.44 ± 0.10
1989-90		0.48 ± 0.35	0.00	0.00	0.23 ± 0.09	0.54 ± 0.41	0.21 ± 0.06	0.30 ± 0.10	0.37 ± 0.12	0.37 ± 0.12
1990-91	0.00	0.02 ± 0.02	0.08 ± 0.08	0.04 ± 0.04	0.03 ± 0.01	0.11 ± 0.06	0.14 ± 0.09	0.26 ± 0.09	0.14 ± 0.04	0.14 ± 0.04
1991-92	0.08 ± 0.08	0.09 ± 0.08	0.06 ± 0.05	0.00	0.16 ± 0.09	0.46 ± 0.24	0.34 ± 0.21	0.24 ± 0.10	0.25 ± 0.07	0.25 ± 0.07
1992-93	0.62 ± 0.62	0.22 ± 0.14	0.17 ± 0.17	0.00	0.38 ± 0.11	0.75 ± 0.46	0.41 ± 0.13	0.54 ± 0.24	0.46 ± 0.10	0.46 ± 0.10
1993-94		0.05 ± 0.04		0.13 ± 0.13	0.37 ± 0.09	0.57 ± 0.26	0.46 ± 0.24	0.34 ± 0.10	0.46 ± 0.10	0.46 ± 0.10

Table C.4. (Cont'd.)

Species Year	Bay system									
	Sabine Lake	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre	Coastwide	
Spotted seatrout (Cont'd.)										
1994-95	0.28 ± 0.22	0.15 ± 0.11	0.42 ± 0.32	0.50 ± 0.27	0.36 ± 0.09	0.44 ± 0.21	0.26 ± 0.11	0.31 ± 0.15	0.32 ± 0.07	
1995-96	0.57 ± 0.52	0.23 ± 0.18	0.28 ± 0.15	0.33 ± 0.26	0.36 ± 0.10	0.52 ± 0.20	0.44 ± 0.15	0.35 ± 0.14	0.39 ± 0.06	
1996-97	0.47 ± 0.39	0.44 ± 0.34	0.65 ± 0.39	0.34 ± 0.16	0.40 ± 0.11	0.64 ± 0.33	0.36 ± 0.20	0.37 ± 0.15	0.45 ± 0.10	
1997-98	0.27 ± 0.20	0.57 ± 0.32	1.37 ± 1.32	0.35 ± 0.25	0.51 ± 0.11	0.31 ± 0.17	0.60 ± 0.16	0.40 ± 0.14	0.51 ± 0.10	
1998-99	0.28 ± 0.27	0.54 ± 0.40	0.33 ± 0.14	0.56 ± 0.35	0.35 ± 0.09	0.77 ± 0.54	0.58 ± 0.14	0.20 ± 0.08	0.48 ± 0.11	
1999-2000	0.79 ± 0.60	0.30 ± 0.15	0.35 ± 0.24	0.66 ± 0.34	0.37 ± 0.12	0.62 ± 0.40	0.53 ± 0.11	0.27 ± 0.11	0.44 ± 0.07	
2000-01	0.26 ± 0.25	0.33 ± 0.16	0.58 ± 0.42	0.46 ± 0.21	0.48 ± 0.18	0.50 ± 0.24	0.53 ± 0.10	0.29 ± 0.14	0.41 ± 0.10	
2001-02	0.29 ± 0.16	0.23 ± 0.11	0.48 ± 0.34	0.33 ± 0.09	0.31 ± 0.06	0.20 ± 0.07	0.47 ± 0.10	0.19 ± 0.10	0.31 ± 0.06	
2002-03	0.36 ± 0.32	0.35 ± 0.15	0.56 ± 0.50	0.45 ± 0.18	0.50 ± 0.12	0.22 ± 0.13	0.49 ± 0.10	0.39 ± 0.13	0.40 ± 0.07	
Other species										
1983-84		0.00	0.01 ± 0.01	0.00	<.01 ± <.01	0.04 ± 0.03	0.00	0.01 ± 0.01	0.01 ± <.01	<.01
1984-85		0.00	0.00	0.07 ± 0.07	0.00	0.01 ± 0.01	0.00	<.01 ± <.01	<.01 ± <.01	<.01
1985-86		0.00	0.00	0.00	0.00	0.01 ± 0.01	0.01 ± 0.01	<.01 ± <.01	<.01 ± <.01	<.01
1986-87		0.00	0.03 ± 0.03	0.03 ± 0.03	0.00	0.05 ± 0.04	<.01 ± <.01	<.01 ± <.01	0.01 ± 0.01	0.01
1987-88		0.00	0.13 ± 0.13	0.00	0.01 ± <.01	0.02 ± 0.02	<.01 ± <.01	<.01 ± <.01	0.02 ± 0.01	0.01
1988-89		0.00	0.00	0.00	0.01 ± 0.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.01 ± <.01	<.01
1989-90		0.00	0.00	0.00	0.00	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01
1990-91	0.00	<.01 ± <.01	0.01 ± 0.01	0.04 ± 0.03	0.00	0.01 ± 0.01	0.00	<.01 ± <.01	<.01 ± <.01	<.01
1991-92	0.58 ± 0.58		0.09 ± 0.08	0.00	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.01 ± 0.01	<.01 ± <.01	<.01
1992-93	0.00	0.00	0.00	0.00	<.01 ± <.01	0.03 ± 0.02	0.06 ± 0.06	0.01 ± 0.01	0.02 ± 0.01	0.01
1993-94		0.00	0.00	0.00	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.01 ± 0.01	0.02 ± 0.01	0.01
1994-95	0.00	0.01 ± 0.01	0.01 ± 0.01	<.01 ± <.01	0.01 ± 0.01	<.01 ± <.01	0.01 ± <.01	0.01 ± 0.01	<.01 ± <.01	<.01
1995-96	0.00	0.01 ± 0.01	0.01 ± <.01	0.00	<.01 ± <.01	<.01 ± <.01	0.01 ± <.01	0.01 ± 0.01	0.01 ± <.01	<.01
1996-97	0.00	0.01 ± <.01	0.01 ± 0.01	0.00	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.02 ± 0.02	0.01 ± <.01	<.01
1997-98	0.00	0.02 ± 0.02	0.00	0.00	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.06 ± 0.03	0.01 ± <.01	<.01
1998-99	0.00	0.01 ± 0.01	0.02 ± 0.02	0.00	<.01 ± <.01	<.01 ± <.01	0.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01
1999-2000	0.00	0.00	0.01 ± 0.01	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01	0.01 ± <.01	<.01 ± <.01	<.01
2000-01	0.00	0.01 ± 0.01	0.01 ± 0.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.01 ± 0.01	0.01 ± 0.01	<.01 ± <.01	<.01
2001-02	0.00	0.01 ± 0.01	0.03 ± 0.03	<.01 ± <.01	<.01 ± <.01	0.01 ± <.01	<.01 ± <.01	0.01 ± <.01	<.01 ± <.01	<.01
2002-03	<.01 ± <.01	<.01 ± <.01	0.02 ± 0.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.01 ± 0.01	<.01 ± <.01	<.01
All species combined *										
1983-84	0.60 ± 0.38	0.60 ± 0.38	1.04 ± 0.78	1.50 ± 1.41	1.12 ± 0.80	1.23 ± 0.93	0.74 ± 0.74	1.05 ± 0.22	0.99 ± 0.21	
1984-85	0.54 ± 0.47	0.54 ± 0.47	0.58 ± 0.58	0.15 ± 0.15	0.21 ± 0.17	0.42 ± 0.27	0.06 ± 0.06	0.65 ± 0.23	0.55 ± 0.17	
1985-86	0.64 ± 0.63	0.64 ± 0.63	0.55 ± 0.51	0.20 ± 0.15	0.54 ± 0.23	0.67 ± 0.52	0.83 ± 0.64	0.51 ± 0.14	0.55 ± 0.14	
1986-87	0.38 ± 0.31	0.38 ± 0.31	0.52 ± 0.39	0.48 ± 0.40	0.74 ± 0.30	0.37 ± 0.25	0.69 ± 0.28	0.69 ± 0.21	0.58 ± 0.13	
1987-88	0.85 ± 0.74	0.85 ± 0.74	0.56 ± 0.51	0.32 ± 0.30	0.74 ± 0.34	1.11 ± 0.74	0.49 ± 0.19	0.45 ± 0.11	0.68 ± 0.19	
1988-89	1.51 ± 1.31	1.51 ± 1.31	0.17 ± 0.17	0.15 ± 0.11	0.57 ± 0.25	0.66 ± 0.39	0.54 ± 0.28	0.53 ± 0.16	0.57 ± 0.12	
1989-90	0.72 ± 0.51	0.72 ± 0.51	0.56 ± 0.56	0.00	0.37 ± 0.10	0.60 ± 0.44	0.29 ± 0.08	0.44 ± 0.14	0.49 ± 0.15	
1990-91	0.20 ± 0.19	0.20 ± 0.19	0.56 ± 0.56	0.15 ± 0.12	0.24 ± 0.10	0.18 ± 0.10	0.34 ± 0.17	0.34 ± 0.10	0.29 ± 0.08	
1991-92	0.25 ± 0.22	0.25 ± 0.22	0.23 ± 0.20	0.15 ± 0.12	0.37 ± 0.16	0.60 ± 0.28	0.44 ± 0.27	0.39 ± 0.16	0.39 ± 0.10	

Table C.4. (Cont'd.)

Species Year	Bay system									
	Sabine Lake	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre	Coastwide	
All species combined ^a										
1992-93	0.71 ± 0.68	0.31 ± 0.18	0.19 ± 0.19	0.00	0.53 ± 0.13	0.94 ± 0.50	0.58 ± 0.18	0.69 ± 0.28	0.62 ± 0.13	
1993-94		0.15 ± 0.13		0.23 ± 0.23	0.60 ± 0.13	0.79 ± 0.34	0.57 ± 0.27	0.47 ± 0.13	0.52 ± 0.09	
1994-95	0.45 ± 0.33	0.25 ± 0.17	0.61 ± 0.43	0.54 ± 0.28	0.53 ± 0.11	0.58 ± 0.26	0.51 ± 0.24	0.47 ± 0.24	0.47 ± 0.10	
1995-96	0.78 ± 0.72	0.43 ± 0.32	0.42 ± 0.21	0.47 ± 0.35	0.50 ± 0.12	0.68 ± 0.24	0.56 ± 0.19	0.46 ± 0.18	0.52 ± 0.08	
1996-97	0.65 ± 0.49	0.53 ± 0.39	0.78 ± 0.45	0.41 ± 0.19	0.53 ± 0.13	0.77 ± 0.40	0.48 ± 0.24	0.57 ± 0.21	0.59 ± 0.12	
1997-98	0.59 ± 0.43	0.68 ± 0.37	1.52 ± 1.44	0.43 ± 0.29	0.60 ± 0.12	0.56 ± 0.32	0.68 ± 0.18	0.52 ± 0.19	0.62 ± 0.12	
1998-99	0.65 ± 0.48	0.60 ± 0.42	0.50 ± 0.22	0.68 ± 0.40	0.46 ± 0.11	0.85 ± 0.58	0.66 ± 0.15	0.32 ± 0.12	0.59 ± 0.12	
1999-2000	1.02 ± 0.72	0.34 ± 0.17	0.38 ± 0.26	0.79 ± 0.39	0.45 ± 0.13	0.76 ± 0.49	0.70 ± 0.15	0.40 ± 0.16	0.55 ± 0.09	
2000-01	0.55 ± 0.54	0.41 ± 0.19	0.61 ± 0.43	0.58 ± 0.24	0.56 ± 0.17	0.66 ± 0.29	0.64 ± 0.12	0.40 ± 0.19	0.54 ± 0.14	
2001-02	0.42 ± 0.22	0.29 ± 0.13	0.54 ± 0.39	0.40 ± 0.11	0.42 ± 0.10	0.40 ± 0.15	0.56 ± 0.12	0.43 ± 0.26	0.44 ± 0.09	
2002-03	0.52 ± 0.39	0.47 ± 0.20	0.64 ± 0.55	0.61 ± 0.25	0.62 ± 0.14	0.47 ± 0.26	0.58 ± 0.12	0.52 ± 0.17	0.55 ± 0.09	

^a Due to rounding of numbers, these totals may not exactly equal sum of individual totals.

Table C.5. Estimated annual mean total lengths of fishes (mm/fish) \pm 1 SE caught by party-boat anglers in Texas bays and passes by bay system, species, and year (1983-2003). Blank mean values indicate no fish measured. Blank standard errors indicate fish measured on only one survey day.

Species Year	Bay system								
	Sabine Lake	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre	Coastwide
Atlantic croaker									
1983-84		265				326		310 \pm 3	323 \pm <1
1984-85		226				287		315	286
1985-86							312 \pm 24		324
1986-87		257				369	318 \pm 13	300	288 \pm 14
1987-88						270	361 \pm 1		321 \pm 10
1988-89		244				184		259	327 \pm 1
1989-90	216					280			220
1990-91		229 \pm 2					275 \pm 15	259 \pm 15	250 \pm 6
1991-92					330		292 \pm 6	285 \pm 19	293 \pm 4
1992-93		255					294 \pm 2	292 \pm 15	292 \pm 5
1993-94							264 \pm 3	240	264 \pm 2
1994-95	288				276		243	257 \pm 11	253 \pm 4
1995-96							305 \pm 16	246	295 \pm 10
1996-97	293					235	331 \pm 10	246 \pm 5	305 \pm 7
1997-98	302						307 \pm 6	284	300 \pm 6
1998-99					235		327 \pm 13	295	313 \pm 3
1999-2000	315						318	320	294
2000-01	279	233				306	263		269
2001-02									
2002-03	215	287	348 \pm 6				316 \pm 17	303 \pm 31	296 \pm 16
Black drum									
1983-84		442				375		516 \pm 7	485 \pm 5
1984-85		565	425	429	430	503	406	602 \pm 5	470 \pm 2
1985-86			354		370		471	377 \pm 3	380 \pm 2
1986-87		429		392	272	451	882	508 \pm 15	476 \pm 5
1987-88					419	435		527 \pm 16	455 \pm 4
1988-89					414			517 \pm 16	452 \pm 4
1989-90		328			409			502 \pm 34	480 \pm 6
1990-91				418	433 \pm 6	549	479 \pm 18	514 \pm 12	449 \pm 5
1991-92	510	384	501		395 \pm 14	400 \pm 5	456 \pm 13	426 \pm 11	422 \pm 3
1992-93					427 \pm 3	434	415 \pm 8	428 \pm 6	444 \pm 5
1993-94		438			462 \pm 10	428 \pm 8	415 \pm 6	412 \pm 9	443 \pm 4
1994-95		658			522 \pm 7	477 \pm 10	428 \pm 7	441 \pm 9	467 \pm 7
1995-96				534	428 \pm 7	531 \pm 4	464 \pm 13	564 \pm 12	508 \pm 5
1996-97			426	490	437 \pm 9	520	512 \pm 7	597 \pm 7	486 \pm 5
1997-98		707	524	423	428 \pm 5	557 \pm 4	470 \pm 10	631	517 \pm 10
1998-99	692		427	440 \pm 1	420 \pm 6	581	423 \pm 10	535 \pm 5	434 \pm 7
1999-2000			446	410 \pm 5	419 \pm 12	477	529 \pm 11	556 \pm 15	463 \pm 6
2000-01	504		398 \pm 10	410 \pm 5	417 \pm 5	457	512 \pm 13		

Table C.5. (Cont'd.)

Species Year	Bay system										Coastwide	
	Sabine Lake	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre				
Black drum (Cont'd.)												
2001-02	483		492	414	436 ± 8	418 ± 16	494 ± 8	597 ± 7				493 ± 5
2002-03			424 ± 26	391 ± 11	461 ± 6	402 ± 13	509 ± 12	549 ± 8				476 ± 5
Gafftopsail catfish												
1983-84			424			586		710				546
1984-85					430	420						425
1985-86						395						395
1986-87			500	389	468							466
1987-88				431		414						425
1988-89					501	372						458
1989-90												
1990-91					443							443
1991-92		550			512 ± 15							541 ± 3
1992-93					511							511
1993-94												
1994-95	442				466 ± 14	617						518 ± 50
1995-96					521 ± 19							483 ± 11
1996-97					433 ± 44							521 ± 19
1997-98	534			471	535	493						433 ± 22
1998-99												493
1999-2000	660											494
2000-01	477	371		584 ± 30	491 ± 61	523						556 ± 34
2001-02		505		553	516 ± 6	462	602					488 ± 1
2002-03	661	483		429 ± 19	566 ± 49	483						542 ± 49
					450	509 ± 45						478 ± 23
Red drum												
1983-84		430		541	498 ± 15	546		492 ± 6				498 ± 5
1984-85		647 ± 13			565	644		569 ± 7				584 ± 4
1985-86		526	605	476	551 ± 10	488 ± 4	552 ± 12	573 ± 14				558 ± 8
1986-87		510	600	489	575 ± 20	557	526 ± 6	572 ± 17				565 ± 11
1987-88			471	611	615 ± 17	594 ± 36	605 ± 6	598 ± 11				603 ± 7
1988-89			580	534	595 ± 7	629 ± 25	617 ± 15	611 ± 12				607 ± 7
1989-90		604			618 ± 5	601 ± 4	606 ± 7	591 ± 6				606 ± 3
1990-91		566	730	590 ± 4	587 ± 6	566 ± 7	608 ± 5	613 ± 8				595 ± 4
1991-92		613	508		617 ± 9	608 ± 8	603 ± 13	602 ± 9				611 ± 5
1992-93	516	565 ± 9	602		594 ± 10	586 ± 5	556 ± 6	594 ± 7				589 ± 6
1993-94		632		542	589 ± 5	602 ± 11	596 ± 4	605 ± 5				594 ± 4
1994-95	583	580	584 ± 15	593 ± 13	595 ± 4	619 ± 8	584 ± 5	599 ± 5				595 ± 3
1995-96	611	567	577 ± 6	564 ± 4	583 ± 4	628 ± 7	627 ± 14	591 ± 11				595 ± 3
1996-97	500 ± 3	646 ± 6	548 ± 7	547 ± 8	565 ± 3	587 ± 7	591 ± 9	594 ± 8				576 ± 3
1997-98	556	707 ± 15	580 ± 11	589 ± 10	584 ± 4	607 ± 12	602 ± 9	603 ± 7				593 ± 3
1998-99	570	621 ± 17	579 ± 15	583 ± 8	598 ± 4	606 ± 10	623 ± 6	579 ± 6				599 ± 3

Table C.5. (Cont'd.)

Species Year	Bay system								Coastwide
	Sabine Lake	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre	
Red drum (Cont'd.)									
1999-2000	568 ± 13	632	582 ± 4	570 ± 8	589 ± 5	601 ± 7	602 ± 7	588 ± 5	593 ± 3
2000-01	610 ± 42	619 ± 31	636 ± 25	564 ± 8	586 ± 5	579 ± 11	625 ± 3	606 ± 10	603 ± 3
2001-02	535	551 ± 4	617 ± 28	585 ± 7	593 ± 3	597 ± 5	611 ± 4	609 ± 8	598 ± 2
2002-03	547 ± 7	575 ± 19	615 ± 12	598 ± 6	607 ± 7	625 ± 7	621 ± 10	617 ± 10	610 ± 4
Sand seatrout									
1983-84		352	293		284 ± 7	341		281	297 ± 1
1984-85		281				310			305
1985-86		296					361	287 ± 5	293 ± 2
1986-87		276			320		340		296
1987-88						288 ± 3	371 ± 8	333	292 ± 2
1988-89		324				330		280	332 ± 2
1989-90		304				316			305
1990-91					260 ± 2	274		305 ± 8	273 ± 3
1991-92		316 ± 30			314 ± 4	300 ± 5	317	320	315 ± 7
1992-93		402 ± 5			295 ± 10	301	331 ± 4	316 ± 8	327 ± 3
1993-94		436			298	301	328 ± 5	292 ± 14	323 ± 4
1994-95	260	271 ± 5	357		336	324	321 ± 3	252 ± 11	317 ± 3
1995-96		306	335 ± 3		310 ± 7		325 ± 3	295 ± 10	321 ± 2
1996-97	299	308 ± 16	390 ± 7				305 ± 3	271	310 ± 3
1997-98	276	332					316	301 ± <1	310 ± <1
1998-99		271 ± 18	328 ± 8		264	285	306 ± 9	277	295 ± 10
1999-2000		293	291		307 ± 1	317	329 ± 5	346 ± 11	315 ± 3
2000-01	321 ± 7	333 ± 10	338		338 ± 6	313	366 ± 27	271 ± 2	326 ± 4
2001-02	334	247	334	349	302	324 ± 3	360 ± 8		320 ± 2
2002-03		304 ± 3	377		325 ± 21	360	359 ± 2	263	320 ± 2
Sheepshead									
1983-84						368 ± 13		325 ± 7	349 ± 8
1984-85								374 ± 13	374 ± 13
1985-86					385			341	363
1986-87			442		312 ± 6	308	385		436
1987-88						329 ± 3		390	321 ± 4
1988-89					400	361	491	410 ± 28	369
1989-90			398				423		410 ± 20
1990-91								482	405
1991-92		453				430	433 ± 8	365	424 ± 2
1992-93						399	451 ± 15	366 ± 14	416 ± 6
1993-94					346		448	442	422
1994-95			526	415	323	495	474 ± 29	446 ± <1	461 ± 11
1995-96			370	551	418	422	453 ± 7	384 ± 24	419 ± 4
1996-97	404				367		398 ± 2		414 ± 1

Table C.5. (Cont'd.)

Species Year	Bay system								Coastwide
	Sabine Lake	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre	
Sheepshead (Cont'd.)									
1997-98		384		500	413	485	432 ± 11		395 ± 4
1998-99		461	346	428 ± 21	381 ± 14		468 ± 11	368	414 ± 6
1999-2000				424	371 ± 8	422 ± 18	477 ± 15	430	409 ± 7
2000-01				429	415	412	478	348	423
2001-02		435	375	460	358 ± 12		421 ± 43	436 ± 20	400 ± 9
2002-03		457	440 ± 7	418	401 ± 13		357 ± 5	392 ± 6	410 ± 3
Southern flounder									
1983-84		336 ± 28			248	369		390 ± 6	386 ± 5
1984-85					374	506		363 ± 12	395 ± 7
1985-86		288 ± 3		364	376 ± 12		363 ± 3	347 ± 14	351 ± 6
1986-87		442		328	380 ± 22		393 ± 6	393 ± 4	392 ± 4
1987-88					325	396	383 ± 12	405 ± 9	393 ± 6
1988-89		380 ± 20		365	389 ± 16	360	408 ± 11	424 ± 9	408 ± 6
1989-90		391 ± 10			399 ± 8		396 ± 15	405 ± 7	399 ± 5
1990-91		406			387 ± 18		367	392 ± 22	376 ± 5
1991-92	357	396 ± 9			361 ± 9	425 ± 9	393 ± 4	383 ± 5	384 ± 3
1992-93	435	403 ± 3			381 ± 7	372 ± 9	447 ± 7	381 ± 8	403 ± 4
1993-94		452			394 ± 13	382 ± 28	396	407 ± 15	399 ± 9
1994-95		415 ± 15		428 ± 17	357 ± 5	352	353 ± 11	391 ± 7	378 ± 3
1995-96		373		326	393 ± 6	383	406 ± 11	390 ± 5	392 ± 3
1996-97	342	396 ± 11		392	408 ± 10	372 ± 4	436 ± 14	391 ± 22	407 ± 4
1997-98	373 ± 27	367		399	386 ± 6	451	416 ± 6	396 ± 7	391 ± 11
1998-99	335 ± 1	402 ± 6		410 ± 20	394 ± 5	416 ± 3	416 ± 6	404 ± 3	393 ± 3
1999-2000	371 ± 11	419 ± 51		422 ± 20	454 ± 17	404 ± 11	448 ± 10	409 ± 5	413 ± 4
2000-01	377 ± 5	411 ± 4		405 ± 12	395 ± 5	406 ± 25	412 ± 12	418 ± 10	398 ± 3
2001-02	363 ± 5	404 ± 14		398 ± 31	412 ± 7	471 ± 24	437 ± 6	433 ± 3	413 ± 3
2002-03	370	390 ± 10		419 ± 4	407 ± 8	391	410 ± 6	419 ± 11	410 ± 4
Spotted seatrout									
1983-84		481 ± 9		372	353 ± 19	437 ± 44	404	419 ± 8	415 ± 6
1984-85		450 ± 3			412 ± 10	456 ± 6		402 ± 3	409 ± 3
1985-86		392 ± 4		381	404 ± 5	412 ± 5	400 ± 3	431 ± 7	420 ± 4
1986-87		407 ± 7		397	414 ± 3	433 ± 5	421 ± 4	436 ± 6	428 ± 4
1987-88		460		511	423 ± 8	428 ± 4	456 ± 11	442 ± 6	441 ± 4
1988-89		473 ± 51		443 ± 3	429 ± 9	425 ± 8	452 ± 6	430 ± 5	439 ± 3
1989-90		415 ± 20			427 ± 6	446 ± 10	448 ± 6	416 ± 5	432 ± 3
1990-91		496		409	442 ± 7	420 ± 6	450 ± 3	426 ± 4	428 ± 3
1991-92	338	442 ± 10			435 ± 7	461 ± 9	445 ± 4	437 ± 3	446 ± 3
1992-93	506	414 ± 10			447 ± 4	468 ± 11	464 ± 5	446 ± 2	453 ± 2
1993-94		432		398	443 ± 5	444 ± 9	453 ± 8	450 ± 3	447 ± 3
1994-95	408	424 ± 2		427 ± 12	450 ± 5	466 ± 8	441 ± 6	438 ± 3	448 ± 3

Table C.5. (Cont'd.)

Species Year	Bay system									
	Sabine Lake	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre	Coastwide	
Spotted seatrout (Cont'd.)										
1995-96	457 ± 9	446 ± 10	441 ± 7	448 ± 1	449 ± 3	473 ± 7	442 ± 6	441 ± 5	450 ± 2	
1996-97	395 ± 4	431 ± 3	432 ± 3	426 ± 4	449 ± 5	473 ± 8	435 ± 4	436 ± 4	446 ± 3	
1997-98	434 ± 18	463 ± 12	463 ± 10	436 ± 5	440 ± 3	478 ± 8	436 ± 4	436 ± 4	442 ± 2	
1998-99	415	457 ± 8	443 ± 5	442 ± 5	437 ± 2	462 ± 8	452 ± 4	434 ± 3	446 ± 2	
1999-2000	412 ± 9	439 ± 6	444 ± 4	432 ± 5	440 ± 2	470 ± 8	452 ± 3	448 ± 6	448 ± 2	
2000-01	402 ± 5	466 ± 8	445 ± 3	434 ± 3	437 ± 2	466 ± 6	453 ± 3	452 ± 4	447 ± 2	
2001-02	424 ± 13	456 ± 4	441 ± 6	438 ± 5	454 ± 3	454 ± 7	455 ± 3	449 ± 3	451 ± 2	
2002-03	439 ± 4	450 ± 6	464 ± 8	433 ± 5	443 ± 4	447 ± 6	449 ± 3	464 ± 6	448 ± 2	

Table C.6. Estimated annual mean whole weights of fishes (kg/fish) \pm 1 SE, caught by party-boat anglers in Texas bays and passes by bay system, species, and year (1983-2003). Weights after 1982-83 derived from conversion of length measurements. Blank mean values indicate no fish weighed or measured. Blank standard errors indicate fish weighed or measured on only one survey day.

Species Year	Bay system								
	Sabine Lake	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre	Coastwide
Atlantic croaker									
1983-84		0.25				0.49	0.47 \pm 0.12	0.42 \pm 0.01	0.47 \pm <.01
1984-85		0.15				0.32		0.44	0.34
1985-86							0.46 \pm 0.05	0.37	0.48 \pm 0.04
1986-87		0.23				0.26	0.67 \pm 0.01	0.23	0.52 \pm <.01
1987-88						0.08			0.15
1988-89		0.19				0.30	0.30 \pm 0.06	0.25 \pm 0.05	0.22 \pm 0.02
1989-90	0.13						0.35 \pm 0.02	0.35 \pm 0.08	0.36 \pm 0.02
1990-91		0.16 \pm <.01					0.35 \pm 0.01	0.35 \pm 0.05	0.35 \pm 0.02
1991-92					0.50		0.29 \pm 0.01	0.18	0.28 \pm <.01
1992-93		0.22					0.25	0.23 \pm 0.03	0.25 \pm 0.01
1993-94							0.43 \pm 0.05	0.20	0.39 \pm 0.03
1994-95	0.32				0.28	0.17	0.52 \pm 0.05	0.20 \pm 0.01	0.42 \pm 0.04
1995-96							0.41 \pm 0.02	0.31	0.38 \pm 0.02
1996-97	0.39						0.54 \pm 0.08	0.35	0.47 \pm 0.08
1997-98	0.38							0.45	0.36
1998-99		0.16			0.22	0.39	0.44 \pm 0.08	0.45	0.27
1999-2000	0.43				0.17				
2000-01	0.29								
2001-02		0.32	0.59 \pm 0.03						
2002-03	0.13								
Black drum									
1983-84		1.21				0.80	3.14 \pm 0.49	2.05 \pm 0.07	1.77 \pm 0.05
1984-85		2.53	1.08	1.11	1.11	1.79	1.63 \pm 0.19	2.01 \pm 0.01	1.88 \pm 0.01
1985-86			0.64		0.72		0.93	3.06 \pm 0.07	1.73 \pm 0.03
1986-87		1.11			0.28	1.29	1.46	0.80 \pm 0.02	0.83 \pm 0.02
1987-88			0.69	0.95	1.03		9.64	1.93 \pm 0.16	2.12 \pm 0.05
1988-89		0.50			1.09	1.16	2.76 \pm 0.49	2.06 \pm 0.18	1.48 \pm 0.09
1989-90			1.70	1.02	1.01		3.14 \pm 0.02	2.17 \pm 0.20	1.52 \pm 0.05
1990-91		0.79	1.92		1.18 \pm 0.05	2.37	1.63 \pm 0.19	1.96 \pm 0.46	1.67 \pm 0.07
1991-92	1.86				0.90 \pm 0.11		1.52 \pm 0.15	2.11 \pm 0.13	1.44 \pm 0.06
1992-93					1.15 \pm 0.03	0.91 \pm 0.04	1.06 \pm 0.07	1.14 \pm 0.10	1.12 \pm 0.03
1993-94		1.18			1.48 \pm 0.09	1.21	1.15 \pm 0.05	1.65 \pm 0.09	1.30 \pm 0.04
1994-95		4.27			2.09 \pm 0.08	1.63 \pm 0.09	1.05 \pm 0.05	1.01 \pm 0.07	1.33 \pm 0.04
1995-96			1.08	2.13	1.19 \pm 0.07	2.20 \pm 0.06	1.47 \pm 0.12	1.25 \pm 0.06	1.53 \pm 0.07
1996-97			2.02	1.65	1.25 \pm 0.10	1.99	1.95 \pm 0.08	2.56 \pm 0.15	1.92 \pm 0.06
1997-98	5.62	4.96	1.10	1.06	1.15 \pm 0.04	2.66 \pm 0.03	1.55 \pm 0.09	3.09 \pm 0.07	1.80 \pm 0.05
1998-99			1.28		1.09 \pm 0.05	2.77	1.15 \pm 0.10	358	1.28 \pm 0.07
1999-2000				1.26 \pm 0.01	1.11 \pm 0.10	1.65	2.32 \pm 0.14	2.32 \pm 0.07	2.18 \pm 0.11

Table C.6. (Cont'd.)

Species Year	Bay system							Coastwide	
	Sabine Lake	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre		Lower Laguna Madre
Black drum (Cont'd.)									
2000-01	1.82		0.92	1.00 ± 0.05	1.06 ± 0.03	1.36	2.10 ± 0.16	2.75 ± 0.20	1.57 ± 0.07
2001-02	1.58		1.67	1.02 ± 0.01	1.22 ± 0.07	1.07 ± 0.14	1.85 ± 0.09	3.07 ± 0.09	1.86 ± 0.05
2002-03			1.10 ± 0.18	0.88 ± 0.09	1.47 ± 0.08	0.94 ± 0.08	2.00 ± 0.17	2.50 ± 0.12	1.67 ± 0.07
Gafftopsail catfish									
1983-84			0.71			1.94		3.56	1.77
1984-85					0.73	0.68			0.71
1985-86						0.56			0.56
1986-87			1.19	0.53	0.98				0.98
1987-88				0.74		0.65			0.71
1988-89					1.19	0.46			0.95
1989-90									
1990-91					0.81				0.81
1991-92		1.66			1.27 ± 0.11				1.57 ± 0.03
1992-93					1.31				1.31
1993-94									
1994-95	0.80				1.03 ± 0.08	1.40 ± 0.40			1.40 ± 0.40
1995-96					1.41 ± 0.12	2.30			1.17 ± 0.07
1996-97					0.80 ± 0.24				1.41 ± 0.12
1997-98	1.45		0.78	1.05	1.46	1.18			0.80 ± 0.12
1998-99						1.40			1.19
1999-2000	2.83					1.40			1.20
2000-01	1.07	0.46		1.97 ± 0.29	1.19 ± 0.45	0.92			1.79 ± 0.27
2001-02		1.22		1.65	1.30 ± 0.04		2.12		1.16 ± 0.01
2002-03	2.84	1.10		0.75 ± 0.10	1.87 ± 0.45	1.10			1.60 ± 0.45
					0.85	1.33 ± 0.38			1.10 ± 0.18
Red drum									
1983-84		0.84		1.78	1.44 ± 0.13	1.73		1.35 ± 0.06	1.41 ± 0.05
1984-85		2.99 ± 0.20	2.41		2.03	2.92		2.10 ± 0.07	2.27 ± 0.04
1985-86		1.55	2.31	1.17	1.89 ± 0.11	1.23 ± 0.03	1.85 ± 0.13	2.19 ± 0.17	1.99 ± 0.09
1986-87		1.41	1.13	1.26	2.13 ± 0.22	1.87	1.61 ± 0.06	2.14 ± 0.19	2.05 ± 0.12
1987-88			2.08	2.44	2.60 ± 0.21	2.39 ± 0.33	2.50 ± 0.07	2.42 ± 0.13	2.47 ± 0.09
1988-89				1.62	2.38 ± 0.08	2.91 ± 0.33	2.64 ± 0.19	2.54 ± 0.14	2.52 ± 0.08
1989-90		2.41			2.59 ± 0.06	2.36 ± 0.05	2.45 ± 0.08	2.27 ± 0.07	2.44 ± 0.04
1990-91		1.94	4.19	2.22 ± 0.04	2.21 ± 0.07	1.98 ± 0.08	2.46 ± 0.06	2.54 ± 0.10	2.31 ± 0.04
1991-92		2.46	1.39		2.61 ± 0.11	2.46 ± 0.09	2.45 ± 0.16	2.44 ± 0.11	2.53 ± 0.06
1992-93		1.96 ± 0.09	2.33		2.33 ± 0.12	2.21 ± 0.05	1.89 ± 0.07	2.32 ± 0.08	2.26 ± 0.07
1993-94		2.75			2.23 ± 0.06	2.38 ± 0.14	2.31 ± 0.05	2.44 ± 0.06	2.29 ± 0.04
1994-95	2.15	2.17	2.17 ± 0.18	1.71	2.33 ± 0.06	2.61 ± 0.11	2.18 ± 0.06	2.37 ± 0.07	2.33 ± 0.04
1995-96	2.46	2.11	2.10 ± 0.06	1.95 ± 0.03	2.33 ± 0.06	2.61 ± 0.11	2.18 ± 0.06	2.37 ± 0.07	2.33 ± 0.04
1996-97	1.50 ± 0.02		1.76 ± 0.07	1.78 ± 0.09	2.19 ± 0.05	2.75 ± 0.09	2.78 ± 0.20	2.28 ± 0.13	2.34 ± 0.04
1997-98	1.98	4.24 ± 0.15	2.16 ± 0.15	2.25 ± 0.12	1.96 ± 0.03	2.22 ± 0.08	2.31 ± 0.12	2.30 ± 0.09	2.10 ± 0.03
					2.19 ± 0.04	2.47 ± 0.15	2.44 ± 0.11	2.42 ± 0.08	2.31 ± 0.04

Table C.6. (Cont'd.)

Species Year	Bay system								
	Sabine Lake	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre	Coastwide
Red drum (Cont'd.)									
1998-99	2.02	2.67 ± 0.22	2.14 ± 0.19	2.22 ± 0.12	2.37 ± 0.05	2.49 ± 0.13	2.73 ± 0.09	2.16 ± 0.08	2.40 ± 0.04
1999-2000	2.00 ± 0.14	2.87 ± 0.60	2.15 ± 0.40	2.05 ± 0.10	2.26 ± 0.07	2.40 ± 0.09	2.49 ± 0.09	2.24 ± 0.06	2.33 ± 0.04
2000-01	3.17 ± 0.86	2.57 ± 0.42	2.95 ± 0.41	1.99 ± 0.10	2.23 ± 0.06	2.18 ± 0.15	2.72 ± 0.05	2.48 ± 0.13	2.47 ± 0.04
2001-02	1.76 ± 0.32	1.81 ± 0.05	2.64 ± 0.39	2.22 ± 0.09	2.30 ± 0.03	2.38 ± 0.06	2.54 ± 0.05	2.52 ± 0.12	2.38 ± 0.02
2002-03	1.83 ± 0.09	2.12 ± 0.26	2.61 ± 0.15	2.39 ± 0.08	2.49 ± 0.09	2.69 ± 0.09	2.70 ± 0.13	2.63 ± 0.13	2.54 ± 0.05
Sand seatrout									
1983-84		0.45	0.26		0.24 ± 0.02	0.42		0.22	0.27 ± <.01
1984-85		0.22				0.31			0.29
1985-86		0.27					0.49	0.25 ± 0.01	0.26 ± 0.01
1986-87		0.22			0.34		0.41		0.27
1987-88						0.27 ± 0.01		0.38	0.28 ± 0.01
1988-89		0.36				0.37		0.22	0.39 ± 0.01
1989-90		0.30				0.32			0.30
1990-91					0.18 ± 0.01	0.21		0.30 ± 0.02	0.21 ± 0.01
1991-92		0.36 ± 0.11			0.32 ± 0.01	0.28 ± 0.02	0.37	0.35	0.34 ± 0.03
1992-93		0.71 ± 0.03			0.27 ± 0.03	0.37		0.34 ± 0.02	0.38 ± 0.01
1993-94		0.87			0.27	0.28		0.26 ± 0.04	0.36 ± 0.01
1994-95	0.18	0.20 ± 0.01	0.47		0.40	0.35 ± 0.01		0.18 ± 0.03	0.34 ± 0.01
1995-96		0.30	0.39 ± 0.01			0.35		0.28 ± 0.02	0.35 ± 0.01
1996-97	0.27	0.31 ± 0.05	0.62 ± 0.03		0.31 ± 0.02			0.20	0.32 ± 0.01
1997-98	0.21	0.38					0.32	0.28 ± <.01	0.31 ± <.01
1998-99			0.38 ± 0.03		0.19	0.23		0.22	0.28 ± 0.03
1999-2000		0.26	0.26		0.31 ± 0.02	0.33		0.43 ± 0.04	0.33 ± 0.01
2000-01	0.35 ± 0.02	0.41 ± 0.04	0.41		0.41 ± 0.02	0.31		0.21 ± <.01	0.37 ± 0.01
2001-02	0.38	0.17	0.39	0.45	0.28	0.35 ± 0.01			0.35 ± 0.01
2002-03		0.30 ± 0.01	0.56		0.36 ± 0.08	0.49		0.18	0.35 ± 0.01
Sheepshead									
1983-84						0.91 ± 0.11		0.63 ± 0.04	0.78 ± 0.07
1984-85								0.97 ± 0.08	0.97 ± 0.08
1985-86					0.99	0.52	0.99	0.70	0.84
1986-87			1.58		0.55 ± 0.03	0.64 ± 0.02		1.02	1.52
1987-88					1.10	0.82		1.27 ± 0.27	0.60 ± 0.02
1988-89							1.98	1.88	0.89
1989-90			1.14				1.29	1.27 ± 0.27	1.25 ± 0.19
1990-91								0.85	1.20
1991-92						1.38 ± 0.08		0.89 ± 0.11	1.32 ± 0.02
1992-93						1.58 ± 0.16		1.54	1.30 ± 0.05
1993-94					0.74	2.08		1.51 ± <.01	1.36
1994-95			2.41	1.22	0.60	2.08		1.02 ± 0.18	1.76 ± 0.10
1995-96			0.88		1.32				1.32 ± 0.03

Table C.6. (Cont'd.)

Species Year	Bay system								
	Sabine Lake	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre	Coastwide
Sheepshead (Cont'd.)									
1996-97	1.13			2.76	0.91	1.30	1.08 ± 0.02		1.28 ± 0.01
1997-98		1.07		2.09	1.23	1.95	1.39 ± 0.10	0.90	1.13 ± 0.03
1998-99			0.73	1.35 ± 0.18	0.97 ± 0.11		1.78 ± 0.11	1.40	1.29 ± 0.06
1999-2000		1.68		1.31	0.92 ± 0.05	1.29 ± 0.16	1.85 ± 0.15	1.98	1.24 ± 0.07
2000-01				1.40	1.25	1.20	1.83	0.73	1.33
2001-02		1.40	0.92	1.71	0.83 ± 0.08		1.31 ± 0.38	1.47 ± 0.18	1.18 ± 0.08
2002-03		1.63	1.46 ± 0.06	1.26	1.15 ± 0.13		0.81 ± 0.03	1.07 ± 0.05	1.21 ± 0.03
Southern flounder									
1983-84		0.45 ± 0.11			0.17	0.59		0.72 ± 0.04	0.71 ± 0.03
1984-85					0.62	1.55		0.57 ± 0.06	0.78 ± 0.03
1985-86		0.28 ± 0.01		0.57	0.64 ± 0.06		0.59 ± 0.01	0.52 ± 0.06	0.54 ± 0.03
1986-87		1.23		0.40	0.66 ± 0.12		0.77 ± 0.03	0.75 ± 0.03	0.76 ± 0.02
1987-88					0.39	0.75		0.84 ± 0.07	0.77 ± 0.04
1988-89		0.66 ± 0.09		0.56	0.72 ± 0.08		0.90 ± 0.09	0.94 ± 0.06	0.86 ± 0.05
1989-90		0.74 ± 0.06	0.69		0.80 ± 0.05		0.77 ± 0.10	0.82 ± 0.04	0.79 ± 0.04
1990-91		0.80			0.71 ± 0.11		0.57	0.80 ± 0.16	0.66 ± 0.03
1991-92	0.54	0.75 ± 0.06			0.57 ± 0.04	0.93 ± 0.05	0.73 ± 0.03	0.67 ± 0.02	0.68 ± 0.02
1992-93	0.97	0.80 ± 0.04			0.66 ± 0.04	0.62 ± 0.05	1.10 ± 0.05	0.69 ± 0.05	0.82 ± 0.03
1993-94		1.09			0.78 ± 0.09	1.17		0.85 ± 0.09	0.81 ± 0.06
1994-95		0.86 ± 0.09	0.89	0.92 ± 0.11	0.54 ± 0.02	0.51	0.51 ± 0.04	0.73 ± 0.03	0.66 ± 0.02
1995-96		0.75 ± 0.06	0.78 ± 0.01	0.39	0.74 ± 0.04	0.65	0.82 ± 0.07	0.72 ± 0.02	0.73 ± 0.02
1996-97	0.46	0.62	0.87 ± 0.01	0.70	0.83 ± 0.06	0.61 ± 0.02	1.00 ± 0.10	0.70 ± 0.12	0.82 ± 0.03
1997-98	0.65 ± 0.14	0.57	0.64	0.74	0.67 ± 0.03	1.14	0.86 ± 0.04	0.73 ± 0.04	0.73 ± 0.06
1998-99	0.46 ± <0.01	0.76 ± 0.04	0.85 ± 0.03	0.82 ± 0.13	0.74 ± 0.03	0.85 ± 0.03	0.88 ± 0.04	0.78 ± 0.02	0.74 ± 0.02
1999-2000	0.61 ± 0.05	0.89 ± 0.35	1.00 ± 0.03	0.93 ± 0.15	1.19 ± 0.13	0.79 ± 0.08	1.12 ± 0.08	0.82 ± 0.03	0.88 ± 0.03
2000-01	0.65 ± 0.03	0.84 ± 0.03	0.97 ± 0.02	0.80 ± 0.08	0.73 ± 0.03	0.80 ± 0.14	0.87 ± 0.09	0.90 ± 0.07	0.77 ± 0.02
2001-02	0.58 ± 0.03	0.82 ± 0.08	1.15 ± 0.17	0.76 ± 0.20	0.83 ± 0.04	1.29 ± 0.20	1.01 ± 0.05	0.98 ± 0.03	0.86 ± 0.02
2002-03	0.63	0.71 ± 0.06	0.99 ± 0.24	0.88 ± 0.02	0.81 ± 0.05	0.69	0.85 ± 0.04	0.88 ± 0.07	0.84 ± 0.03
Spotted seatrout									
1983-84		1.11 ± 0.08	0.43 ± <.01	0.48	0.43 ± 0.08	0.88 ± 0.27	0.65	0.78 ± 0.05	0.75 ± 0.04
1984-85		0.92 ± 0.01	1.19		0.66 ± 0.05	0.95 ± 0.04		0.64 ± 0.02	0.68 ± 0.02
1985-86		0.57 ± 0.02	0.73	0.52	0.66 ± 0.03	0.68 ± 0.03	0.62 ± 0.02	0.81 ± 0.04	0.74 ± 0.02
1986-87		0.65 ± 0.04	0.70	0.61	0.69 ± 0.02	0.79 ± 0.03	0.75 ± 0.03	0.84 ± 0.04	0.79 ± 0.02
1987-88		1.00	0.73	1.27	0.76 ± 0.05	0.77 ± 0.03	1.01 ± 0.09	0.89 ± 0.04	0.89 ± 0.03
1988-89		1.17 ± 0.38		0.87 ± 0.02	0.81 ± 0.05	0.79 ± 0.05	0.99 ± 0.05	0.80 ± 0.03	0.89 ± 0.02
1989-90		0.74 ± 0.12			0.78 ± 0.04	0.89 ± 0.07	0.95 ± 0.04	0.71 ± 0.03	0.82 ± 0.02
1990-91		1.16	0.83	0.64	0.85 ± 0.05	0.72 ± 0.03	0.90 ± 0.02	0.77 ± 0.03	0.78 ± 0.02
1991-92	0.36	0.85 ± 0.08	0.90 ± 0.08		0.80 ± 0.04	0.98 ± 0.06	0.87 ± 0.02	0.82 ± 0.02	0.88 ± 0.02
1992-93	1.30	0.70 ± 0.06	1.35		0.89 ± 0.03	1.03 ± 0.09	1.01 ± 0.03	0.87 ± 0.02	0.93 ± 0.02
1993-94		0.77		0.60	0.87 ± 0.03	0.86 ± 0.07	0.97 ± 0.06	0.91 ± 0.02	0.89 ± 0.02

Table C.6. (Cont'd.)

Species Year	Bay system								
	Sabine Lake	Galveston	Matagorda	San Antonio	Aranzas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre	Coastwide
Spotted seatrout (Cont'd.)									
1994-95	0.64	0.73 ± 0.01	0.76 ± 0.01	0.76 ± 0.07	0.91 ± 0.04	1.02 ± 0.06	0.88 ± 0.05	0.83 ± 0.02	0.90 ± 0.02
1995-96	0.97 ± 0.05	0.87 ± 0.07	0.83 ± 0.05	0.86 ± 0.01	0.90 ± 0.02	1.08 ± 0.05	0.91 ± 0.04	0.85 ± 0.03	0.92 ± 0.02
1996-97	0.58 ± 0.02	0.77 ± 0.02	0.78 ± 0.02	0.76 ± 0.03	0.91 ± 0.03	1.06 ± 0.06	0.85 ± 0.03	0.81 ± 0.03	0.90 ± 0.02
1997-98	0.84 ± 0.10	0.99 ± 0.08	0.97 ± 0.06	0.81 ± 0.03	0.83 ± 0.02	1.12 ± 0.06	0.83 ± 0.03	0.81 ± 0.03	0.86 ± 0.01
1998-99	0.69	0.94 ± 0.05	0.86 ± 0.03	0.84 ± 0.03	0.82 ± 0.01	0.98 ± 0.06	0.93 ± 0.03	0.80 ± 0.02	0.88 ± 0.01
1999-2000	0.71 ± 0.05	0.82 ± 0.03	0.86 ± 0.02	0.79 ± 0.03	0.84 ± 0.01	1.04 ± 0.05	0.93 ± 0.02	0.89 ± 0.04	0.90 ± 0.01
2000-01	0.66 ± 0.02	1.03 ± 0.06	0.86 ± 0.02	0.80 ± 0.02	0.82 ± 0.01	1.04 ± 0.04	0.95 ± 0.02	0.91 ± 0.03	0.90 ± 0.01
2001-02	0.78 ± 0.07	0.94 ± 0.03	0.83 ± 0.04	0.83 ± 0.03	0.93 ± 0.02	0.96 ± 0.05	0.97 ± 0.02	0.89 ± 0.02	0.93 ± 0.01
2002-03	0.83 ± 0.03	0.90 ± 0.04	1.00 ± 0.05	0.81 ± 0.03	0.85 ± 0.02	0.88 ± 0.04	0.93 ± 0.02	1.01 ± 0.04	0.90 ± 0.01
All species combined ^a									
1983-84		1.01 ± 0.09	1.04 ± 0.25	1.18	0.68 ± 0.18	0.80 ± 0.09	0.65	0.82 ± 0.04	0.84 ± 0.03
1984-85		1.31 ± 0.21	1.75	0.70	1.69 ± 0.10	1.45 ± 0.19		0.95 ± 0.06	1.05 ± 0.06
1985-86		0.46 ± 0.05	0.84	0.99	1.32 ± 0.08	0.86 ± 0.04	0.84 ± 0.06	1.23 ± 0.08	1.11 ± 0.05
1986-87		0.62 ± 0.06	1.31 ± 0.02	0.87	1.28 ± 0.17	1.03 ± 0.04	0.88 ± 0.04	1.13 ± 0.08	1.09 ± 0.05
1987-88		0.89	0.76	1.26	1.42 ± 0.19	0.82 ± 0.12	1.31 ± 0.07	1.38 ± 0.08	1.28 ± 0.05
1988-89		0.97 ± 0.33	0.69	0.93 ± 0.02	1.40 ± 0.08	1.09 ± 0.16	1.17 ± 0.06	1.35 ± 0.12	1.26 ± 0.05
1989-90	0.48	0.74 ± 0.11	1.51	1.45 ± 0.17	1.66 ± 0.12	1.14 ± 0.08	1.32 ± 0.06	1.39 ± 0.17	1.36 ± 0.06
1990-91		1.49			1.79 ± 0.14	1.23 ± 0.13	1.82 ± 0.08	1.20 ± 0.08	1.42 ± 0.06
1991-92	0.52	0.71 ± 0.07	2.24 ± 0.02		1.81 ± 0.09	1.27 ± 0.08	1.11 ± 0.06	1.12 ± 0.13	1.27 ± 0.04
1992-93	1.31 ± 0.02	0.92 ± 0.05	1.49		1.36 ± 0.07	1.38 ± 0.09	1.11 ± 0.04	1.13 ± 0.05	1.24 ± 0.03
1993-94		1.26			1.45 ± 0.08	1.52 ± 0.10	1.13 ± 0.05	1.33 ± 0.08	1.38 ± 0.04
1994-95	0.93	1.02 ± 0.13	1.25 ± 0.07	1.12	1.42 ± 0.06	1.35 ± 0.07	1.07 ± 0.05	1.11 ± 0.08	1.26 ± 0.03
1995-96	1.33 ± 0.20	0.76 ± <.01	1.14 ± 0.07	1.04 ± 0.05	1.31 ± 0.05	1.48 ± 0.09	1.10 ± 0.05	1.09 ± 0.07	1.23 ± 0.03
1996-97	0.69 ± 0.02	0.81 ± 0.02	0.90 ± 0.08	1.14 ± 0.02	1.28 ± 0.03	1.25 ± 0.06	1.19 ± 0.04	1.22 ± 0.11	1.19 ± 0.02
1997-98	1.03 ± 0.11	1.24 ± 0.10	1.38 ± 0.07	1.11 ± 0.06	1.20 ± 0.05	1.46 ± 0.09	1.08 ± 0.04	1.10 ± 0.05	1.17 ± 0.02
1998-99	0.73 ± 0.01	1.01 ± 0.09	0.96 ± 0.06	1.29 ± 0.06	1.24 ± 0.05	1.40 ± 0.10	1.22 ± 0.05	1.21 ± 0.08	1.22 ± 0.03
1999-2000	0.89 ± 0.04	0.96 ± 0.06	1.06 ± 0.11	1.11 ± 0.05	1.22 ± 0.04	1.37 ± 0.06	1.25 ± 0.04	1.25 ± 0.05	1.22 ± 0.02
2000-01	0.88 ± 0.12	1.02 ± 0.07	1.09 ± 0.08	1.13 ± 0.05	1.10 ± 0.04	1.37 ± 0.05	1.40 ± 0.04	1.26 ± 0.06	1.26 ± 0.02
2001-02	0.83 ± 0.08	0.93 ± 0.04	1.09 ± 0.09	1.11 ± 0.04	1.35 ± 0.05	1.57 ± 0.07	1.33 ± 0.04	1.48 ± 0.22	1.32 ± 0.03
2002-03	1.09 ± 0.11	0.95 ± 0.06	1.34 ± 0.14	1.23 ± 0.09	1.25 ± 0.06	1.51 ± 0.09	1.23 ± 0.04	1.28 ± 0.05	1.26 ± 0.03

^a Includes "other" species.

Table C.7. Composition (%) of "other" species caught by party-boat anglers in Texas bays and passes by year, bay system, and species (1983-2003). Values represent percentages of the observed coastwide total of "other" species.

Year	Common name	Scientific name	Bay system										Coastwide ^a	
			Sabine Lake	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre				
1983-84	Crevalle jack	<u>Caranx hippos</u>												4.17
	Gulf flounder	<u>Paralichthys albigutta</u>								4.17				8.33
	Ladyfish	<u>Elops saurus</u>								4.17		12.50		16.67
	Southern kingfish	<u>Menticirrhus americanus</u>			4.17			8.33					41.67	54.17
	Tripletail	<u>Lobotes surinamensis</u>			16.67									16.67
1984-85	Pigfish	<u>Orthopristis chrysoptera</u>										50.00		50.00
	Southern kingfish	<u>Menticirrhus americanus</u>				50.00								50.00
1985-86	Atlantic cutlassfish	<u>Trichiurus lepturus</u>									10.00		15.00	25.00
	Atlantic stingray	<u>Dasyatis sabina</u>									5.00			5.00
	Bonnethead	<u>Sphyrna tiburo</u>							5.00					5.00
	Crevalle jack	<u>Caranx hippos</u>									10.00			10.00
	Florida pompano	<u>Trachinotus carolinus</u>									5.00		5.00	10.00
	Gray snapper	<u>Lutjanus griseus</u>											5.00	5.00
	Great barracuda	<u>Sphyræna barracuda</u>											5.00	5.00
	Ladyfish	<u>Elops saurus</u>										20.00		20.00
	Southern kingfish	<u>Menticirrhus americanus</u>										15.00		15.00
1986-87	Atlantic sharpnose shark	<u>Rhizoprionodon terraenovae</u>			3.13		9.38							12.50
	Blacktip shark	<u>Carcharhinus limbatus</u>										15.63		15.63
	Crevalle jack	<u>Caranx hippos</u>									6.25			6.25
	Florida pompano	<u>Trachinotus carolinus</u>										6.25		6.25
	Gray snapper	<u>Lutjanus griseus</u>										3.13		3.13
	Gulf flounder	<u>Paralichthys albigutta</u>										15.63		15.63
	Ladyfish	<u>Elops saurus</u>										3.13		3.13
	Pinfish	<u>Lagodon rhomboides</u>										25.00		25.00
	Southern kingfish	<u>Menticirrhus americanus</u>			3.13							9.38		12.50
1987-88	Alligator gar	<u>Lepisosteus spatula</u>											3.23	3.23
	Atlantic sharpnose shark	<u>Rhizoprionodon terraenovae</u>			22.58									22.58
	Common snook	<u>Centropomus undecimalis</u>											3.23	3.23
	Florida pompano	<u>Trachinotus carolinus</u>											3.23	3.23
	Gray snapper	<u>Lutjanus griseus</u>											19.35	19.35
	Gulf flounder	<u>Paralichthys albigutta</u>						6.45					12.90	45.16
	Pinfish	<u>Lagodon rhomboides</u>											3.23	3.23

Table C.7. (Cont'd.)

Year	Common name	Scientific name	Bay system							Coastwide ^a	
			Sabine Lake	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre		Lower Laguna Madre
1988-89	Bonnethead	<u>Sphyrna tiburo</u>								3.13	3.13
	Bull shark	<u>Carcharhinus leucas</u>					3.13				3.13
	Gulf flounder	<u>Paralichthys albigutta</u>					31.25		6.25	21.88	6.25
	Pigfish	<u>Orthopristis chrysoptera</u>							6.25	6.25	6.25
	Pinfish	<u>Lagodon rhomboides</u>								6.25	6.25
	Southern kingfish	<u>Menticirrhus americanus</u>								9.38	9.38
	Spinner shark	<u>Carcharhinus brevipinna</u>					3.13		3.13		6.25
1989-90	Atlantic sharpnose shark	<u>Rhizoprionodon terraenovae</u>							7.14		7.14
	Blacktip shark	<u>Carcharhinus limbatus</u>					7.14			14.29	21.43
	Gulf flounder	<u>Paralichthys albigutta</u>							21.43	7.14	42.86
	Inshore lizardfish	<u>Synodus foetens</u>					7.14			7.14	7.14
	Pinfish	<u>Lagodon rhomboides</u>								7.14	7.14
	White mullet	<u>Mugil curema</u>					14.29			14.29	14.29
1990-91	Atlantic sharpnose shark	<u>Rhizoprionodon terraenovae</u>			13.33						13.33
	Blacktip shark	<u>Carcharhinus limbatus</u>			6.67				13.33		13.33
	Bonnethead	<u>Sphyrna tiburo</u>				13.33					20.00
	Gulf flounder	<u>Paralichthys albigutta</u>							6.67	20.00	26.67
	Gulf kingfish	<u>Menticirrhus littoralis</u>				13.33					13.33
	Southern kingfish	<u>Menticirrhus americanus</u>								6.67	6.67
	Spinner shark	<u>Carcharhinus brevipinna</u>				6.67					6.67
1991-92	Blacktip shark	<u>Carcharhinus limbatus</u>			6.78						6.78
	Bluefish	<u>Pomatomus saltatrix</u>					3.39				3.39
	Bonnethead	<u>Sphyrna tiburo</u>			6.78					1.69	8.47
	Bony fish sp.	<u>Class Osteichthyes</u>								6.78	6.78
	Cownose ray	<u>Rhinoptera bonasus</u>								1.69	1.69
	Crevalle jack	<u>Caranx hippos</u>					1.69			1.69	1.69
	Great hammerhead	<u>Sphyrna mokarran</u>									1.69
	Gulf flounder	<u>Paralichthys albigutta</u>			1.69				3.39	22.03	28.81
	Hardhead catfish	<u>Arius felis</u>								5.08	16.95
	King mackerel	<u>Scomberomorus cavalla</u>								11.86	11.86
	Pinfish	<u>Lagodon rhomboides</u>								1.69	1.69
	Southern kingfish	<u>Menticirrhus americanus</u>								3.39	3.39
	Spanish mackerel	<u>Scomberomorus maculatus</u>									1.69
	Striped mullet	<u>Mugil cephalus</u>		1.69							1.69
	Warsaw grouper	<u>Epinephelus nigritus</u>								1.69	3.39

Table C.7. (Cont'd.)

Year	Common name	Scientific name	Bay system										Coastwide *			
			Sabine Lake	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre						
1992-93	Atlantic needlefish	<u>Strongylura marina</u>													1.85	
	Blacktip shark	<u>Carcharhinus limbatus</u>													3.70	5.56
	Bluefish	<u>Pomatomus saltatrix</u>													1.85	1.85
	Bonnethead	<u>Sphyrna tiburo</u>													1.85	1.85
	Bony fish sp.	Class Osteichthyes													37.04	37.04
	Crevalle jack	<u>Caranx hippos</u>													3.70	5.56
	Florida pompano	<u>Trachinotus carolinus</u>													1.85	1.85
	Gray snapper	<u>Lutjanus griseus</u>													3.70	3.70
	Gulf flounder	<u>Paralichthys albigutta</u>													7.41	37.04
	Gulf kingfish	<u>Menticirrhus littoralis</u>													1.85	1.85
	Ladyfish	<u>Elops saurus</u>													1.85	1.85
1993-94	Blacktip shark	<u>Carcharhinus limbatus</u>														8.33
	Common snook	<u>Centropomus undecimalis</u>													4.17	4.17
	Crevalle jack	<u>Caranx hippos</u>													12.50	12.50
	Florida pompano	<u>Trachinotus carolinus</u>													4.17	4.17
	Gray snapper	<u>Lutjanus griseus</u>													8.33	8.33
	Gulf flounder	<u>Paralichthys albigutta</u>													4.17	37.50
	Ladyfish	<u>Elops saurus</u>													8.33	12.50
	Pinfish	<u>Lagodon rhomboides</u>													4.17	4.17
	Smooth puffer	<u>Lagocephalus laevigatus</u>													4.17	4.17
	Warsaw grouper	<u>Epinephelus nigritus</u>													4.17	4.17
1994-95	Atlantic stingray	<u>Dasyatis sabina</u>														0.58
	Blacktip shark	<u>Carcharhinus limbatus</u>													0.58	6.40
	Bluefish	<u>Pomatomus saltatrix</u>													1.74	2.33
	Bonnethead	<u>Sphyrna tiburo</u>													0.58	0.58
	Bony fish sp.	Class Osteichthyes													8.14	11.05
	Bull shark	<u>Carcharhinus leucas</u>													0.58	0.58
	Common snook	<u>Centropomus undecimalis</u>													0.58	0.58
	Crevalle jack	<u>Caranx hippos</u>													1.16	1.16
	Dolphin	<u>Coryphaena hippurus</u>													4.07	4.07
	Finetooth shark	<u>Carcharhinus isodon</u>													0.58	0.58
	Gray snapper	<u>Lutjanus griseus</u>													22.09	22.09
	Gulf flounder	<u>Paralichthys albigutta</u>													2.33	4.07
	Ladyfish	<u>Elops saurus</u>													1.74	1.74
	Lookdown	<u>Selene vomer</u>													0.58	0.58
	Mullet sp.	Family Mugilidae													1.16	1.16
	Pigfish	<u>Orthopristis chrysoptera</u>													34.88	34.88
	Southern kingfish	<u>Menticirrhus americanus</u>													0.58	1.16

Table C-7. (Cont'd.)

Year	Common name	Scientific name	Bay system										
			Sabine Lake	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre	Coastwide ^a		
2002-03	Atlantic sharpnose shark	<u>Rhizoprionodon terraenovae</u>			1.79		1.79		1.79				5.36
	Bighead searobin	<u>Prionotus tribulus</u>								1.79			1.79
	Blacktip shark	<u>Carcharhinus limbatus</u>					3.57						5.36
	Family requiem sharks	Family <u>Carcharhinidae</u>									1.79		3.57
	Florida pompano	<u>Trachinotus carolinus</u>										19.64	19.64
	Freshwater drum	<u>Aplodinotus grunniens</u>	1.79										1.79
	Gray snapper	<u>Lutjanus griseus</u>											8.93
	Gulf flounder	<u>Paralichthys albigutta</u>						1.79					1.79
	Hardhead catfish	<u>Arius felis</u>											1.79
	Ladyfish	<u>Elops saurus</u>									1.79		1.79
	Pinfish	<u>Lagodon rhomboides</u>										1.79	1.79
	Pompano dolphin	<u>Corvohaena equisetis</u>		1.79	1.79								3.57
	Southern kingfish	<u>Menticirrhus americanus</u>		7.14				5.36				3.57	19.64
	Spanish mackerel	<u>Scomberomorus maculatus</u>			10.71							1.79	12.50
	Spinner shark	<u>Carcharhinus brevipinna</u>			5.36								5.36
	Tripletail	<u>Lobotes surinamensis</u>			3.57			1.79					5.36

^a Due to rounding of numbers, coastwide percentages may not exactly equal sum of bay system percentages.

Table C.8. Residential origin (%) of party-boat anglers in Texas bays and passes by bay system and year (1983-2003). Blanks indicate no interviews conducted.

Residence Year	Bay system									
	Sabine Lake	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre	Coastwide	
Adjacent coastal counties										
1983-84		89	39	19	18	6	33	24	28	
1984-85		100	100	0	22	16	50	33	35	
1985-86		100	42	46	28	24	60	31	35	
1986-87		100	19	28	21	25	56	40	39	
1987-88		83	25	29	33	22	41	40	38	
1988-89		100	0	67	27	20	39	39	37	
1989-90		82	0	100	29	36	44	38	38	
1990-91	50	100	45	57	37	28	40	40	39	
1991-92	100	86	28	33	33	36	42	41	40	
1992-93	100	80	100	20	35	30	48	39	40	
1993-94		91	0	25	31	36	40	44	38	
1994-95	29	94	15	32	32	31	41	47	38	
1995-96	100	67	26	41	33	31	41	41	37	
1996-97	38	85	20	38	31	36	43	42	38	
1997-98	65	79	42	27	31	31	40	46	39	
1998-99	44	86	46	34	34	29	42	42	39	
1999-2000	28	90	51	33	32	28	43	50	41	
2000-01	33	69	46	24	31	30	37	48	36	
2001-02	23	78	40	22	30	27	36	45	34	
2002-03	35	75	36	31	31	30	34	37	35	
Non-adjacent coastal counties										
1983-84		0	39	69	18	17	0	23	23	
1984-85		0	0	0	16	0	0	21	17	
1985-86		0	17	38	8	13	11	23	19	
1986-87		0	0	12	17	16	18	18	17	
1987-88		0	25	29	19	7	17	12	14	
1988-89		0	0	22	16	11	26	20	20	
1989-90		0	60	0	14	16	20	13	16	
1990-91	33	0	36	36	9	4	19	23	17	
1991-92	0	0	17	0	21	5	19	21	17	
1992-93	0	0	0	80	18	8	19	20	18	
1993-94		0	0	75	23	1	28	16	20	
1994-95	36	0	70	42	20	5	18	18	18	
1995-96	0	0	67	26	20	10	19	21	20	
1996-97	19	0	71	39	19	6	15	21	19	
1997-98	17	0	40	37	21	7	16	17	18	
1998-99	28	0	33	37	19	6	16	17	19	
1999-2000	33	1	32	29	22	11	14	17	18	
2000-01	42	0	35	38	21	10	17	21	21	
2001-02	46	0	28	48	19	14	13	20	19	
2002-03	32	0	41	34	16	7	17	24	19	

Table C.8. (Cont'd.)

Residence Year	Bay system										Coastwide
	Sabine Lake	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre			
Non-coastal counties											
1983-84		11	21	13	61	78	67	42			41
1984-85		0	0	100	53	84	0	37			40
1985-86		0	42	15	61	63	23	39			42
1986-87		0	81	60	61	59	17	37			40
1987-88		0	25	43	37	63	37	41			40
1988-89		0	0	11	48	69	31	33			37
1989-90		18	0	0	52	46	31	35			39
1990-91	17	0	18	7	51	63	37	24			37
1991-92	0	10	56	0	41	51	35	26			35
1992-93	0	15	0	0	42	61	28	27			35
1993-94		3	0	0	41	61	28	27			36
1994-95	36	4	15	24	43	59	34	28			38
1995-96	0	31	5	33	44	55	33	24			38
1996-97	44	7	10	21	45	55	37	24			37
1997-98	17	11	13	35	42	60	40	26			37
1998-99	22	8	19	27	43	64	37	29			38
1999-2000	12	10	15	31	42	59	38	28			36
2000-01	7	27	15	32	43	56	43	27			29
2001-02	12	12	28	26	46	55	46	28			41
2002-03	3	18	21	29	50	58	46	31			41
Other states and countries											
1983-84		0	0	0	3	0	0	11			8
1984-85		0	0	0	0	0	50	9			8
1985-86		0	0	0	2	0	6	6			4
1986-87		0	0	0	1	0	9	5			4
1987-88		17	25	0	11	2	6	6			7
1988-89		0	0	0	8	0	5	9			7
1989-90		0	40	0	5	2	5	14			7
1990-91	0	0	0	0	3	5	4	12			7
1991-92	0	5	0	0	5	8	4	13			7
1992-93	0	5	0	0	5	1	5	15			7
1993-94		6	0	0	4	3	4	13			6
1994-95	0	2	0	2	5	5	7	8			5
1995-96	0	3	3	0	4	4	6	14			6
1996-97	0	7	0	2	5	3	6	13			6
1997-98	0	10	4	1	6	2	4	12			6
1998-99	6	6	4	2	4	1	5	11			5
1999-2000	26	0	3	7	5	1	5	6			5
2000-01	19	4	5	4	4	4	4	4			5
2001-02	19	10	4	3	5	4	4	7			5
2002-03	29	7	2	6	2	5	2	8			4

Table C.9. (Cont'd.)

Species Year	Bay system										Coastwide
	Sabine Lake	Galveston	Matagorda	San Antonio	Aranzas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre			
Spotted seatrout											
1991-92	0	38.5	50.0	-	7.6	16.2	15.6	12.9	14.5		
1992-93	0	36.4	50.0	0	25.5	29.2	36.0	19.5	26.7		
1993-94	-	10.0	-	50.0	20.7	18.2	35.6	8.6	19.0		
1994-95	0	33.3	0	7.7	17.8	36.7	27.7	12.6	20.6		
1995-96	50.0	55.6	15.8	14.3	25.6	29.4	42.1	25.6	30.3		
1996-97	25.0	47.1	24.0	14.3	17.6	25.0	23.7	10.7	20.4		
1997-98	20.0	43.8	30.8	23.8	30.4	28.6	39.2	11.2	28.7		
1998-99	0	44.0	22.6	15.0	24.5	15.2	32.4	5.6	23.8		
1999-2000	31.2	38.2	31.0	20.3	22.2	31.0	35.9	6.5	27.4		
2000-01	34.6	62.5	37.5	22.2	39.6	19.6	25.4	16.3	29.7		
2001-02	38.1	40.0	37.1	26.6	22.4	17.4	23.6	9.9	23.1		
2002-03	0	59.5	32.5	22.8	30.1	13.5	37.2	19.0	30.4		
Spotted seatrout and red drum											
1991-92	0	23.1	0	-	22.7	56.8	46.8	36.5	37.5		
1992-93	33.3	18.2	50.0	0	37.8	37.5	42.1	45.3	40.3		
1993-94	-	60.0	-	50.0	38.5	54.5	45.2	60.0	48.4		
1994-95	75.0	41.7	85.7	84.6	42.8	36.7	37.6	64.2	47.5		
1995-96	50.0	22.2	42.1	42.9	46.3	41.2	31.0	50.0	41.9		
1996-97	0	23.5	56.0	78.6	47.2	61.7	37.8	52.4	47.0		
1997-98	0	12.5	53.8	61.9	46.1	31.4	37.3	63.2	45.8		
1998-99	28.6	36.0	51.6	61.7	45.6	60.9	45.4	70.8	50.4		
1999-2000	31.2	20.6	24.1	61.0	44.3	43.1	43.2	71.0	46.2		
2000-01	19.2	16.7	43.8	63.9	36.0	49.0	50.8	60.9	46.4		
2001-02	23.8	20.0	42.9	57.8	45.5	51.2	53.2	54.3	48.5		
2002-03	20.0	26.2	30.0	51.9	37.2	53.8	36.4	46.0	39.4		
Spotted seatrout, red drum, and flounder^a											
1991-92	0	15.4	0	-	0	0	5.2	3.5	3.2		
1992-93	0	9.1	0	0	1.0	0	0	4.7	1.9		
1993-94	-	10.0	-	0	0	3.0	0	2.9	1.4		
1994-95	0	0	0	7.7	0	2.0	2.0	2.1	1.3		
1995-96	0	0	15.8	14.3	0.5	0	0	1.2	1.2		
1996-97	0	17.6	12.0	0	0.6	0	0.6	1.2	1.7		
1997-98	80.0	6.2	0	0	0	0	0	0	1.0		
1998-99	28.6	4.0	9.7	0	0.4	0	1.4	2.8	1.7		
1999-2000	6.2	8.8	34.5	0	0.5	0	0.3	5.4	2.7		
2000-01	11.5	4.2	9.4	4.2	0	3.9	0.3	1.1	1.6		
2001-02	9.5	17.1	8.6	0	0	0	0.4	1.2	1.4		
2002-03	0	4.8	0	0	1.7	0	2.4	1.0	1.6		

Table C.10. Trip satisfaction (%) of party-boat anglers in Texas bays and passes by response scale category, bay system, and year (1987-2003).

Bay system Year	Response scale categories ^a										Mean response	No. of responses				
	0	1	2	3	4	5	6	7	8	9			10			
Sabine Lake																
1987-88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
1988-89	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
1989-90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
1990-91	50.0	0	0	0	0	0	0	50.0	0	0	0	0	0	0	0	2
1991-92	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100.0	1
1992-93	33.3	0	0	0	0	33.3	0	0	0	0	0	0	0	0	33.3	3
1993-94	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
1994-95	25.0	0	0	0	25.0	0	0	0	0	25.0	0	0	0	0	25.0	4
1995-96	0	0	0	0	0	50.0	0	0	0	0	50.0	0	0	50.0	8.0	2
1996-97	0	0	0	0	0	25.0	0	0	0	0	25.0	0	0	75.0	9.0	4
1997-98	0	0	16.7	0	0	0	0	0	16.7	0	0	0	16.7	0	7.7	6
1998-99	0	0	0	0	0	0	0	0	0	0	0	0	0	14.3	7.9	7
1999-2000	0	6.7	0	6.7	0	0	33.3	0	42.9	14.3	0	13.3	13.3	7.1	15	
2000-01	4.2	4.2	4.2	0	12.5	4.2	16.7	20.8	20.8	8.3	12.5	6.3	24	24	6.3	
2001-02	4.8	4.8	0	4.8	0	4.8	19.0	23.8	23.8	4.8	23.8	7.0	21	21	7.0	
2002-03	0	10.0	0	0	0	10.0	0	40.0	40.0	0	40.0	7.9	10	10	7.9	
Galveston																
1987-88	0	0	0	0	0	0	0	0	0	0	0	50.0	50.0	9.5	2	
1988-89	0	0	0	0	0	0	50.0	0	0	0	0	50.0	50.0	8.5	2	
1989-90	0	11.1	0	22.2	0	11.1	0	0	11.1	0	0	44.4	44.4	6.7	9	
1990-91	0	33.3	33.3	0	0	0	0	0	0	0	0	33.3	33.3	4.3	3	
1991-92	0	0	0	7.7	7.7	23.1	0	0	7.7	7.7	7.7	46.2	46.2	7.6	13	
1992-93	9.1	9.1	9.1	9.1	9.1	18.2	9.1	9.1	9.1	9.1	0	9.1	9.1	4.6	11	
1993-94	20.0	20.0	10.0	10.0	0	10.0	0	10.0	10.0	10.0	10.0	0	0	3.6	10	
1994-95	0	0	8.3	16.7	8.3	25.0	0	8.3	16.7	16.7	0	16.7	16.7	5.8	12	
1995-96	0	0	0	0	11.1	11.1	0	22.2	11.1	11.1	11.1	33.3	33.3	7.8	9	
1996-97	5.9	5.9	5.9	11.8	11.8	0	5.9	23.5	11.8	6.2	6.2	56.2	56.2	5.6	17	
1997-98	0	6.2	0	0	0	6.2	0	12.5	6.2	6.2	6.2	12.0	12.0	8.3	16	
1998-99	0	4.0	0	4.0	0	16.0	0	12.0	28.0	28.0	0	7.4	7.4	7.4	25	
1999-2000	2.9	5.9	2.9	5.9	5.9	8.8	11.8	11.8	14.7	14.7	5.9	29.4	29.4	6.8	34	
2000-01	0	4.2	0	0	4.2	8.3	8.3	8.3	12.5	12.5	16.7	45.8	45.8	8.4	24	
2001-02	0	5.7	11.4	2.9	0	14.3	2.9	22.9	17.1	17.1	2.9	20.0	20.0	6.5	35	
2002-03	2.4	7.3	0	4.9	0	19.5	2.4	12.2	17.1	17.1	7.3	26.8	26.8	6.9	41	

Table C.10. (Cont'd.)

Bay system Year	Response scale categories ^a										Mean response	No. of responses	
	0	1	2	3	4	5	6	7	8	9			10
Arkansas													
1987-88	3.4	0	0	3.4	3.4	20.7	10.3	6.9	10.3	6.9	34.5	7.3	29
1988-89	2.2	6.5	0	2.2	6.5	8.7	2.2	6.5	13.0	8.7	43.5	7.6	46
1989-90	3.0	1.5	0	3.0	0	10.4	4.5	19.4	16.4	7.5	34.3	7.7	67
1990-91	8.9	3.6	1.8	0	3.6	14.3	3.6	7.1	12.5	7.1	37.5	7.0	56
1991-92	1.5	0	0	6.2	0	4.6	3.1	13.8	20.0	4.6	46.2	8.2	65
1992-93	3.7	1.1	2.1	1.6	1.1	4.8	5.3	7.9	22.8	12.2	37.6	7.9	189
1993-94	1.2	0	1.2	1.7	1.2	4.0	1.7	8.7	13.3	13.3	53.8	8.7	173
1994-95	2.8	1.7	1.7	3.4	2.2	5.6	2.8	12.3	15.1	11.2	41.3	7.9	179
1995-96	1.5	3.4	3.0	5.4	1.5	6.9	3.4	11.3	20.7	7.4	35.5	7.5	203
1996-97	0.6	0.6	3.8	3.1	3.1	6.3	6.3	13.2	14.5	12.6	35.8	7.8	159
1997-98	0	1.0	2.5	1.0	1.5	7.4	2.9	6.4	20.6	16.7	40.2	8.3	204
1998-99	2.1	0	2.1	2.9	5.0	5.9	4.6	7.6	23.9	8.4	37.4	7.8	238
1999-2000	0.5	1.1	0.5	0.5	4.9	9.8	8.2	11.4	21.2	7.6	34.2	7.8	184
2000-01	1.6	0	3.6	2.0	3.6	12.0	6.0	10.8	19.6	8.8	32.0	7.6	250
2001-02	2.4	0.7	1.3	2.4	2.0	7.7	5.4	11.1	19.5	9.4	38.0	7.9	297
2002-03	0	0	2.1	0.8	0.8	5.9	5.0	10.0	16.7	13.0	45.6	8.5	239
Corpus Christi													
1987-88	0	0	0	0	0	10.0	10.0	0	10.0	10.0	60.0	8.8	10
1988-89	0	0	0	0	0	14.3	14.3	21.4	14.3	14.3	21.4	7.6	14
1989-90	0	0	4.2	4.2	0	8.3	4.2	12.5	33.3	4.2	29.2	7.7	24
1990-91	4.5	4.5	0	4.5	0	18.2	0	9.1	18.2	9.1	31.8	7.2	22
1991-92	0	0	2.8	2.8	2.8	5.6	8.3	2.8	19.4	13.9	41.7	8.2	36
1992-93	0	0	0	4.2	0	12.5	0	4.2	25.0	0	54.2	8.5	24
1993-94	0	3.0	0	6.1	3.0	3.0	3.0	12.1	6.1	12.1	51.5	8.2	33
1994-95	0	2.2	0	2.2	0	13.3	8.9	8.9	6.7	11.1	46.7	8.1	45
1995-96	4.0	2.0	2.0	0	2.0	8.0	4.0	4.0	6.0	10.0	58.0	8.2	50
1996-97	0	0	1.8	0	0	7.0	1.8	7.0	26.3	8.8	47.4	8.6	57
1997-98	0	0	0	0	0	5.7	0	5.7	28.6	11.4	48.6	8.9	35
1998-99	0	2.2	4.4	0	0	4.4	2.2	15.6	15.6	20.0	35.6	8.2	45
1999-2000	0	5.5	0	1.8	0	5.5	5.5	9.1	10.9	9.1	52.7	8.3	55
2000-01	2.2	0	2.2	4.3	0	6.5	6.5	13.0	13.0	6.5	45.7	8.0	46
2001-02	3.7	1.2	1.2	1.2	3.7	7.4	4.9	7.4	22.2	13.6	33.3	7.7	81
2002-03	0	0	0	2.0	2.0	2.0	2.0	7.8	23.5	9.8	51.0	8.8	51

Table C.10. (Cont'd.)

Bay system Year	Response scale categories ^a										Mean response	No. of responses	
	0	1	2	3	4	5	6	7	8	9			10
Upper Laguna Madre													
1987-88	2.8	0	8.3	5.6	2.8	16.7	2.8	16.7	5.6	13.9	25.0	6.8	36
1988-89	2.2	1.1	5.4	3.2	1.1	14.0	3.2	17.2	18.3	8.6	25.8	7.2	93
1989-90	6.2	4.9	4.9	6.2	2.5	14.8	4.9	9.9	13.6	3.7	28.4	6.4	81
1990-91	4.8	0	0	4.8	4.8	14.3	0	9.5	14.3	9.5	38.1	7.5	21
1991-92	1.3	1.3	2.7	4.0	4.0	5.3	5.3	10.7	17.3	13.3	34.7	7.7	75
1992-93	2.6	0.9	2.6	1.8	5.3	7.9	4.4	12.3	22.8	7.9	31.6	7.5	114
1993-94	0	1.4	1.4	5.5	4.1	12.3	6.8	12.3	19.2	12.3	24.7	7.4	73
1994-95	1.0	1.0	2.1	2.1	2.1	8.2	4.1	8.2	19.6	16.5	35.1	8.0	97
1995-96	0.8	3.3	0.8	0.8	2.4	5.7	6.5	13.0	19.5	11.4	35.8	7.9	123
1996-97	0	0.6	1.9	3.9	1.3	10.3	5.8	13.5	25.2	12.3	25.2	7.7	155
1997-98	0	1.8	1.2	1.8	0.6	9.1	3.6	10.9	15.8	15.8	39.4	8.2	165
1998-99	1.0	2.5	1.0	1.5	3.5	10.4	5.4	10.9	19.8	10.3	34.2	7.7	202
1999-2000	0.7	1.0	2.3	2.0	3.0	8.3	5.7	11.7	15.7	9.3	39.3	7.9	300
2000-01	1.6	1.9	0.3	1.9	2.8	5.3	4.7	8.2	15.0	16.3	42.0	8.2	319
2001-02	1.1	1.1	3.2	2.9	5.1	4.7	5.4	11.6	20.2	13.0	31.8	7.7	277
2002-03	1.6	0.8	1.2	0.8	2.4	5.7	3.7	10.2	18.7	11.4	43.5	8.2	246
Lower Laguna Madre													
1987-88	0	0	3.5	2.3	5.8	16.3	3.5	8.1	18.6	11.6	30.2	7.5	86
1988-89	1.0	3.1	1.0	1.0	0	15.6	1.0	7.3	24.0	15.6	30.2	7.8	96
1989-90	3.1	1.0	3.1	6.2	1.0	15.6	4.2	9.4	15.6	6.2	34.4	7.2	96
1990-91	1.0	1.0	2.0	2.0	4.0	12.0	3.0	12.0	11.0	11.0	41.0	7.9	100
1991-92	0	3.5	2.4	5.9	1.2	14.1	8.2	7.1	17.6	9.4	30.6	7.3	85
1992-93	3.2	1.6	0	1.6	2.4	3.2	5.6	5.6	15.2	14.4	47.2	8.3	125
1993-94	2.9	3.6	4.3	2.1	3.6	15.7	10.7	11.4	12.9	6.4	26.4	6.8	140
1994-95	1.1	3.2	3.2	6.3	8.4	8.4	6.1	10.5	18.9	7.4	29.5	7.1	95
1995-96	0	2.4	4.9	4.9	4.9	8.5	6.1	14.6	25.6	8.5	17.1	6.8	82
1996-97	0	0	6.0	1.2	4.8	11.9	14.3	9.5	21.4	8.3	22.6	7.2	84
1997-98	4.0	0.8	1.6	2.4	5.6	9.6	8.8	7.2	28.8	9.6	21.6	7.2	125
1998-99	1.4	1.4	4.2	2.8	4.2	18.1	8.3	11.1	16.7	8.3	23.6	7.0	72
1999-2000	0	1.1	3.2	6.5	3.2	8.6	6.5	7.5	21.5	10.8	31.2	7.5	93
2000-01	3.3	0	0	4.3	5.4	5.4	14.1	16.3	16.3	6.5	28.5	7.3	92
2001-02	1.2	2.5	2.5	2.5	4.9	7.4	6.2	9.9	16.0	8.6	38.3	7.7	81
2002-03	0	4.0	3.0	5.0	3.0	7.1	3.0	8.1	20.2	10.1	36.4	7.6	99

Table C.10. (Cont'd.)

Bay system Year	Response scale categories ^a										Mean response	No. of responses				
	0	1	2	3	4	5	6	7	8	9			10			
Coastwide																
1987-88	1.2	0	3.6	3.0	4.2	16.2	4.8	9.6	13.2	12.6	31.7	7.5	167			
1988-89	2.0	2.7	2.3	2.3	1.6	13.3	2.7	12.1	19.1	11.3	30.5	7.5	256			
1989-90	3.6	2.5	2.9	5.8	1.1	13.3	4.3	11.9	16.5	5.4	32.7	7.1	278			
1990-91	4.3	2.4	1.9	1.9	3.4	13.0	2.4	10.6	12.5	9.6	38.0	7.5	208			
1991-92	0.7	1.8	1.8	5.0	2.2	9.0	6.1	8.6	17.6	9.7	37.6	7.7	279			
1992-93	3.6	1.3	1.7	1.9	2.6	6.2	4.9	8.1	20.3	10.7	38.8	7.8	469			
1993-94	1.9	2.1	2.3	3.0	2.6	9.3	5.8	10.4	13.7	10.7	38.3	7.7	431			
1994-95	1.8	1.8	2.0	4.0	3.8	8.2	4.0	10.4	16.4	11.1	36.7	7.7	452			
1995-96	2.0	3.4	2.8	3.4	2.6	7.7	4.6	11.5	18.8	8.7	34.4	7.5	495			
1996-97	0.8	0.6	3.3	2.9	2.9	8.8	7.2	12.3	19.3	11.5	30.5	7.6	514			
1997-98	1.0	1.2	2.2	1.7	1.9	7.9	5.1	7.9	21.4	14.2	35.6	8.0	585			
1998-99	1.8	1.5	2.1	2.6	3.5	9.6	5.3	9.6	20.6	10.2	33.2	7.6	678			
1999-2000	0.5	2.1	1.6	2.5	3.3	7.7	7.0	10.9	17.9	9.1	37.5	7.8	769			
2000-01	2.0	1.0	1.7	2.1	3.6	7.7	5.9	10.2	17.9	11.6	36.1	7.8	859			
2001-02	1.9	1.5	2.4	2.5	3.3	7.2	5.2	11.8	19.2	11.1	34.0	7.7	890			
2002-03	1.2	1.2	1.6	1.5	2.2	6.6	3.7	8.9	19.4	11.4	42.1	8.1	805			

^a Level of trip satisfaction, where 0 = not at all satisfied and 10 = completely satisfied.

APPENDIX D: Private-boat Fishing Estimates for the Texas Territorial Sea (TTS)

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Table D.1. Number of days surveyed, number of private-boat interviews, and number of private-boat anglers interviewed in the TTS by area and year (1982-2003).

Item Year	Area					Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
Number of days surveyed						
1982-83	0	133	242	248	114	737
1983-84	0	26	107	93	63	289
1984-85	0	27	111	103	65	306
1985-86	0	23	105	123	51	302
1986-87	0	25	108	116	60	309
1987-88	16	23	118	116	47	320
1988-89	17	24	119	84	40	284
1989-90	17	30	88	86	19	240
1990-91	13	26	80	72	18	209
1991-92	22	27	94	66	33	242
1992-93	33	24	101	55	43	256
1993-94	26	34	109	62	43	274
1994-95	26	34	127	64	51	302
1995-96	39	47	127	54	53	320
1996-97	33	44	116	56	44	293
1997-98	33	40	118	61	43	295
1998-99	33	48	112	51	49	293
1999-2000	24	46	113	55	37	275
2000-01	24	49	114	59	46	292
2001-02	28	43	96	53	54	274
2002-03	23	41	91	62	52	269
Number of interviews *						
1982-83						
1983-84		7	109	168	29	313
1984-85		4	218	277	42	541
1985-86		28	205	305	20	558
1986-87		41	117	188	7	353
1987-88	55	20	116	162	4	357
1988-89	40	8	138	202	10	398
1989-90	9	28	37	186	7	267
1990-91	28	24	100	170	14	336
1991-92	68	31	100	141	11	351
1992-93	34	38	175	190	15	452
1993-94	49	38	103	150	36	376
1994-95	50	74	126	172	45	467
1995-96	63	113	205	159	34	574
1996-97	32	136	111	166	22	467
1997-98	35	76	141	299	48	599
1998-99	28	61	108	209	26	432
1999-2000	27	132	161	240	38	598
2000-01	20	76	119	175	33	423

Table D.1. (Cont'd.)

Item Year	Area						Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Number of interviews* (Cont'd.)							
2001-02	25	101	125	137	28		416
2002-03	28	127	105	125	44		429
Number of anglers interviewed							
1982-83		54	406	976	113		1549
1983-84		23	327	511	86		947
1984-85		11	686	831	123		1651
1985-86		92	639	877	55		1663
1986-87		126	349	511	17		1003
1987-88	143	60	361	498	10		1072
1988-89	110	26	437	612	26		1211
1989-90	23	97	112	556	19		807
1990-91	77	64	288	478	36		943
1991-92	187	90	266	380	31		954
1992-93	82	98	484	572	43		1279
1993-94	127	101	302	390	99		1019
1994-95	131	194	371	486	137		1319
1995-96	153	336	585	439	98		1611
1996-97	87	394	324	443	54		1302
1997-98	82	217	391	839	167		1696
1998-99	67	158	319	599	86		1229
1999-2000	79	379	425	659	142		1684
2000-01	44	218	330	476	103		1171
2001-02	62	252	352	383	89		1138
2002-03	68	357	276	339	141		1181

* Not available for 1982-83.

Table D.2. Estimated annual fishing pressure (man-h x 1,000) \pm 1 SE, mean fishing-party size (no. of anglers), and mean trip length (h) for private-boat anglers in the TTS by area and year (1982-2003). Blanks indicate no interviews conducted.

Item Year	Area					Lower Laguna Madre	Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Pressure ^a							
1982-83		10.5 \pm 6.9	18.9 \pm 3.4	34.2 \pm 6.4	8.2 \pm 2.4	71.8 \pm 10.2	
1983-84		6.4 \pm 2.9	27.6 \pm 5.3	108.8 \pm 27.2	12.0 \pm 2.9	154.7 \pm 28.0	
1984-85		17.0 \pm 11.2	51.3 \pm 11.6	101.4 \pm 20.7	14.1 \pm 3.8	183.8 \pm 26.5	
1985-86		23.2 \pm 7.0	46.4 \pm 7.8	76.3 \pm 12.5	10.2 \pm 3.4	156.1 \pm 16.6	
1986-87		32.3 \pm 15.9	33.4 \pm 5.7	61.3 \pm 11.5	2.1 \pm 1.1	129.1 \pm 20.5	
1987-88	25.8 \pm 10.2	20.2 \pm 10.8	39.9 \pm 9.8	86.2 \pm 13.3	1.9 \pm 1.0	174.0 \pm 22.3	
1988-89	14.2 \pm 6.0	31.5 \pm 10.4	45.5 \pm 7.7	66.5 \pm 11.6	9.2 \pm 4.0	166.9 \pm 18.8	
1989-90	4.4 \pm 2.1	46.4 \pm 16.4	14.8 \pm 3.0	63.0 \pm 12.3	10.3 \pm 5.6	138.9 \pm 21.5	
1990-91	26.6 \pm 9.8	16.9 \pm 6.9	37.8 \pm 6.8	65.6 \pm 12.1	6.1 \pm 2.6	153.0 \pm 18.5	
1991-92	34.6 \pm 8.6	87.0 \pm 54.3	28.6 \pm 5.1	39.0 \pm 8.4	6.5 \pm 2.3	195.6 \pm 55.9	
1992-93	22.6 \pm 7.7	51.7 \pm 17.9	48.9 \pm 7.1	59.0 \pm 13.1	11.0 \pm 3.6	193.3 \pm 24.8	
1993-94	12.0 \pm 3.4	60.9 \pm 20.1	32.4 \pm 7.5	43.4 \pm 12.5	20.3 \pm 4.6	169.0 \pm 25.5	
1994-95	17.8 \pm 6.3	73.5 \pm 19.8	36.3 \pm 6.1	80.1 \pm 26.4	33.2 \pm 8.2	240.9 \pm 35.2	
1995-96	15.5 \pm 4.6	105.5 \pm 21.5	71.2 \pm 12.6	47.8 \pm 13.4	21.3 \pm 6.2	304.2 \pm 66.9	
1996-97	14.2 \pm 4.4	192.3 \pm 64.7	45.9 \pm 12.5	38.3 \pm 9.3	13.5 \pm 5.6	225.0 \pm 29.6	
1997-98	9.8 \pm 3.8	67.3 \pm 23.2	57.1 \pm 10.5	62.4 \pm 12.0	28.4 \pm 8.2	214.2 \pm 36.5	
1998-99	7.7 \pm 3.1	98.1 \pm 31.9	38.4 \pm 7.2	52.5 \pm 14.4	15.5 \pm 4.4	287.6 \pm 33.9	
1999-2000	9.6 \pm 2.5	130.0 \pm 28.7	55.9 \pm 10.2	60.5 \pm 12.3	31.6 \pm 8.0	185.5 \pm 27.9	
2000-01	3.9 \pm 1.9	78.6 \pm 22.9	43.5 \pm 11.3	40.0 \pm 9.2	19.4 \pm 6.0	206.3 \pm 30.3	
2001-02	13.9 \pm 5.8	96.0 \pm 26.4	45.6 \pm 10.6	29.5 \pm 5.6	21.3 \pm 6.7	215.9 \pm 39.2	
2002-03	12.7 \pm 4.9	119.1 \pm 37.1	34.4 \pm 7.0	26.8 \pm 8.6	22.8 \pm 4.3		
Party size							
1982-83		3.2	3.0	3.0	3.0	3.0	
1983-84		3.3	3.0	3.0	3.0	3.0	
1984-85		2.8	3.1	3.0	2.9	3.1	
1985-86		3.3	3.1	2.9	2.8	3.0	
1986-87		3.1	3.0	2.7	2.4	2.8	
1987-88	2.6	3.0	3.1	3.1	2.5	3.0	
1988-89	2.8	3.3	3.2	3.0	2.6	3.0	
1989-90	2.6	3.5	3.0	3.0	2.7	3.0	
1990-91	2.8	2.7	2.9	2.8	2.6	2.8	
1991-92	2.8	2.9	2.7	2.7	2.8	2.7	
1992-93	2.4	2.6	2.8	3.0	2.9	2.8	
1993-94	2.6	2.7	2.9	2.6	2.8	2.7	
1994-95	2.6	2.6	2.9	2.8	3.0	2.8	
1995-96	2.4	3.0	2.9	2.8	2.9	2.8	
1996-97	2.7	2.9	2.9	2.7	2.5	2.8	
1997-98	2.3	2.9	2.8	2.8	3.5	2.8	
1998-99	2.4	2.6	3.0	2.9	3.3	2.8	
1999-2000	2.9	2.9	2.6	2.7	3.7	2.8	
2000-01	2.2	2.9	2.8	2.7	3.1	2.8	

Table D.2. (Cont'd.)

Item Year	Area						Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Party size (Cont'd.)							
2001-02	2.5	2.5	2.8	2.8	2.8	3.2	2.7
2002-03	2.4	2.8	2.6	2.6	2.7	3.2	2.8
Trip length							
1982-83		6.8		6.5	5.7	6.7	6.0
1983-84		5.1		6.1	5.6	6.0	5.8
1984-85		4.9		6.2	5.3	5.1	5.6
1985-86		5.7		5.9	5.7	5.4	5.8
1986-87		6.3		6.1	5.5	4.6	5.8
1987-88	5.9	6.3		6.0	5.8	6.3	5.9
1988-89	6.2	5.4		6.6	5.7	7.7	6.1
1989-90	6.0	5.6		6.3	5.6	7.1	5.8
1990-91	6.8	5.6		6.6	5.8	5.3	6.1
1991-92	6.2	5.8		6.1	6.0	5.0	6.0
1992-93	6.3	5.8		5.9	5.7	5.8	5.8
1993-94	5.9	7.9		6.1	5.4	6.2	6.0
1994-95	6.7	6.2		6.4	5.7	5.7	6.1
1995-96	6.2	6.7		6.5	5.4	6.0	6.2
1996-97	6.1	6.8		6.2	5.4	5.1	6.0
1997-98	6.1	6.1		6.6	5.7	6.0	6.0
1998-99	6.3	6.2		6.0	5.8	6.7	6.0
1999-2000	6.4	5.9		6.7	5.5	6.7	6.0
2000-01	6.8	6.4		6.2	5.6	6.5	6.1
2001-02	6.7	6.4		6.3	5.8	6.4	6.2
2002-03	6.5	6.1		6.0	5.9	6.6	6.1

^a Due to rounding of numbers, coastwide totals may not exactly equal sum of area totals.

Table D.3. Estimated annual landings of fishes (No. X 1,000) ± 1 SE caught by private-boat anglers in the TTS by area, species, and year (1982-2003). Blanks indicate no interviews conducted.

Species Year	Area					Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
Atlantic croaker						
1982-83		0.1 ± 0.1	0.1 ± 0.1	<.1 ± <.1	0.2 ± 0.2	0.5 ± 0.3
1983-84		0.0	0.4 ± 0.3	0.0	0.0	0.4 ± 0.3
1984-85		0.2 ± 0.2	0.3 ± 0.1	<.1 ± <.1	0.0	0.5 ± 0.3
1985-86		1.3 ± 1.3	0.2 ± 0.2	0.0	0.0	1.5 ± 1.3
1986-87		0.0	0.1 ± 0.1	0.0	0.0	0.1 ± 0.1
1987-88	1.7 ± 1.0	0.0	0.1 ± <.1	0.1 ± 0.1	0.0	1.8 ± 1.0
1988-89	0.1 ± <.1	0.0	0.1 ± 0.1	0.2 ± 0.2	0.0	0.4 ± 0.2
1989-90	0.0	0.0	0.0	<.1 ± <.1	0.0	<.1 ± <.1
1990-91	0.1 ± 0.1	2.7 ± 2.0	0.1 ± 0.1	<.1 ± <.1	0.0	2.9 ± 2.0
1991-92	<.1 ± <.1	0.0	0.1 ± 0.1	0.0	0.0	0.1 ± 0.1
1992-93	0.3 ± 0.2	0.0	0.1 ± 0.1	0.0	0.0	0.4 ± 0.2
1993-94	0.1 ± 0.1	0.0	0.0	0.0	0.0	0.3 ± 0.2
1994-95	<.1 ± <.1	2.5 ± 1.9	0.4 ± 0.4	0.0	0.2 ± 0.2	2.9 ± 1.9
1995-96	0.2 ± 0.2	0.3 ± 0.2	<.1 ± <.1	0.0	0.0	0.5 ± 0.3
1996-97	0.6 ± 0.5	25.9 ± 25.9	<.1 ± <.1	0.0	0.0	26.5 ± 25.9
1997-98	0.2 ± 0.1	0.1 ± 0.1	0.2 ± 0.1	0.0	0.0	0.6 ± 0.2
1998-99	0.2 ± 0.2	2.2 ± 1.5	0.1 ± <.1	<.1 ± <.1	0.0	2.5 ± 1.5
1999-2000	0.7 ± 0.7	0.8 ± 0.8	0.3 ± 0.2	0.0	0.0	1.8 ± 1.0
2000-01	0.0	0.0	0.1 ± 0.1	0.0	0.0	0.1 ± 0.1
2001-02	<.1 ± <.1	2.6 ± 1.8	<.1 ± <.1	0.0	0.0	2.7 ± 1.8
2002-03	0.1 ± 0.1	1.9 ± 1.6	0.0	0.0	0.0	1.9 ± 1.6
Atlantic sharpnose shark						
1982-83 ^b		0.0	<.1 ± <.1	0.2 ± 0.1	0.0	0.3 ± 0.1
1983-84		0.0	0.1 ± <.1	0.3 ± 0.2	0.0	0.4 ± 0.2
1984-85		<.1 ± <.1	0.4 ± 0.2	1.2 ± 0.5	0.0	1.7 ± 0.5
1985-86		0.4 ± 0.3	0.1 ± 0.1	1.2 ± 0.5	0.0	1.7 ± 0.6
1986-87		0.4 ± 0.4	0.3 ± 0.1	3.0 ± 2.4	0.0	3.8 ± 2.5
1987-88	0.1 ± 0.1	0.0	0.5 ± 0.2	0.4 ± 0.2	0.0	1.1 ± 0.3
1988-89	0.2 ± 0.1	0.2 ± 0.2	0.2 ± 0.1	0.7 ± 0.3	0.0	1.0 ± 0.4
1989-90	0.0	<.1 ± <.1	0.5 ± 0.2	<.1 ± <.1	0.0	0.6 ± 0.2
1990-91	<.1 ± <.1	0.0	0.1 ± 0.1	0.0	0.0	0.3 ± 0.2
1991-92	0.3 ± 0.2	0.1 ± 0.1	0.9 ± 0.3	0.4 ± 0.1	0.0	1.5 ± 0.4
1992-93	0.2 ± 0.2	0.1 ± 0.1	0.3 ± 0.1	0.5 ± 0.3	0.0	0.9 ± 0.4
1993-94	<.1 ± <.1	0.1 ± 0.1	0.2 ± 0.1	0.7 ± 0.6	<.1 ± <.1	1.1 ± 0.6
1994-95	0.2 ± 0.1	0.1 ± 0.1	0.1 ± <.1	0.3 ± 0.2	0.0	0.6 ± 0.2
1995-96	0.1 ± 0.1	0.1 ± 0.1	0.1 ± <.1	0.3 ± 0.1	0.1 ± 0.1	1.7 ± 0.6
1996-97	0.1 ± <.1	1.1 ± 0.6	0.0	0.0	0.1 ± 0.1	1.7 ± 0.6

Table D.3. (Cont'd.)

Species Year	Area					Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
Atlantic sharpnose shark (Cont'd.)						
1997-98	<1 ± <1	0.2 ± 0.1	0.1 ± 0.1	0.3 ± 0.1	<1 ± <1	0.5 ± 0.2
1998-99	<1 ± <1	0.2 ± 0.2	0.2 ± 0.1	0.3 ± 0.2	0.0	0.7 ± 0.3
1999-2000	0.2 ± 0.1	0.3 ± 0.1	0.1 ± <1	0.1 ± 0.1	0.3 ± 0.2	0.9 ± 0.2
2000-01	0.1 ± 0.1	0.3 ± 0.1	0.7 ± 0.7	<1 ± <1	0.1 ± 0.1	1.2 ± 0.7
2001-02	0.0	0.4 ± 0.2	0.1 ± <1	0.1 ± <1	<1 ± <1	0.5 ± 0.2
2002-03	0.0	0.4 ± 0.2	0.1 ± <1	0.1 ± 0.1	<1 ± <1	0.6 ± 0.2
Atlantic spadefish						
1982-83 ^b						
1983-84		0.7 ± 0.6	<1 ± <1	0.0	0.0	0.8 ± 0.6
1984-85		0.0	0.4 ± 0.2	<1 ± <1	0.1 ± 0.1	0.5 ± 0.2
1985-86		<1 ± <1	0.3 ± 0.3	0.3 ± 0.2	0.0	0.7 ± 0.3
1986-87		<1 ± <1	0.3 ± 0.3	<1 ± <1	0.0	0.3 ± 0.3
1987-88	0.9 ± 0.9	0.6 ± 0.6	0.1 ± 0.1	0.1 ± 0.1	0.0	1.6 ± 1.1
1988-89	<1 ± <1	0.0	0.3 ± 0.2	0.8 ± 0.5	0.0	1.1 ± 0.6
1989-90	0.0	3.5 ± 3.5	<1 ± <1	<1 ± <1	0.0	3.5 ± 3.5
1990-91	0.1 ± 0.1	0.4 ± 0.4	1.3 ± 0.6	0.1 ± 0.1	<1 ± <1	1.9 ± 0.7
1991-92	0.5 ± 0.4	0.0	0.0	<1 ± <1	0.0	0.5 ± 0.4
1992-93	0.2 ± 0.2	0.0	0.6 ± 0.5	0.1 ± <1	0.1 ± 0.1	1.0 ± 0.5
1993-94	1.3 ± 1.3	0.4 ± 0.3	<1 ± <1	0.3 ± 0.3	0.9 ± 0.6	3.1 ± 1.5
1994-95	0.2 ± 0.2	4.4 ± 3.6	0.1 ± 0.1	<1 ± <1	<1 ± <1	4.8 ± 3.6
1995-96	<1 ± <1	0.6 ± 0.5	0.1 ± 0.1	0.1 ± 0.1	0.0	0.8 ± 0.5
1996-97	0.7 ± 0.7	0.3 ± 0.2	0.2 ± 0.1	<1 ± <1	0.0	1.3 ± 0.8
1997-98	0.1 ± 0.1	<1 ± <1	0.0	0.0	<1 ± <1	0.1 ± 0.1
1998-99	0.0	0.3 ± 0.3	0.3 ± 0.2	0.1 ± 0.1	0.0	0.8 ± 0.4
1999-2000	<1 ± <1	1.5 ± 0.9	0.1 ± 0.1	0.3 ± 0.2	0.0	1.9 ± 0.9
2000-01	0.0	1.6 ± 1.1	<1 ± <1	0.2 ± 0.2	0.0	1.9 ± 1.1
2001-02	<1 ± <1	0.0	<1 ± <1	<1 ± <1	0.0	0.1 ± 0.1
2002-03	0.0	0.0	0.1 ± 0.1	0.1 ± 0.1	0.0	0.1 ± 0.1
Black drum						
1982-83 ^b						
1983-84		0.4 ± 0.4	0.5 ± 0.3	<1 ± <1	0.1 ± 0.1	1.1 ± 0.5
1984-85		0.0	1.7 ± 1.6	0.0	0.0	1.7 ± 1.6
1985-86		0.0	0.7 ± 0.4	0.1 ± 0.1	0.0	0.8 ± 0.4
1986-87		0.0	1.5 ± 0.8	<1 ± <1	0.0	1.5 ± 0.8
1987-88	0.2 ± 0.1	0.0	0.4 ± 0.3	<1 ± <1	0.0	0.6 ± 0.3
1988-89	<1 ± <1	0.0	0.7 ± 0.3	0.0	0.0	0.8 ± 0.3
1989-90	0.0	<1 ± <1	0.1 ± <1	0.0	0.0	0.1 ± 0.1
1990-91	0.2 ± 0.2	0.2 ± 0.2	0.5 ± 0.3	0.0	0.0	0.9 ± 0.4

Table D.3. (Cont'd.)

Species Year	Area					Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
Black drum (Cont'd.)						
1991-92	0.1 ± 0.1	0.0	0.2 ± 0.2	<.1 ± <.1	0.0	0.4 ± 0.2
1992-93	1.7 ± 1.0	0.0	0.6 ± 0.3	0.1 ± <.1	0.0	2.4 ± 1.1
1993-94	0.2 ± 0.1	0.2 ± 0.2	0.1 ± <.1	<.1 ± <.1	<.1 ± <.1	0.6 ± 0.2
1994-95	0.5 ± 0.2	0.0	0.4 ± 0.4	0.0	0.0	0.9 ± 0.4
1995-96	0.1 ± <.1	0.9 ± 0.9	<.1 ± <.1	<.1 ± <.1	0.0	1.0 ± 0.9
1996-97	0.2 ± 0.2	2.4 ± 1.1	0.1 ± 0.1	<.1 ± <.1	0.0	2.8 ± 1.1
1997-98	0.3 ± 0.3	0.0	0.6 ± 0.3	0.1 ± 0.1	0.0	1.0 ± 0.4
1998-99	0.3 ± 0.3	0.6 ± 0.5	0.1 ± 0.1	<.1 ± <.1	0.0	1.0 ± 0.6
1999-2000	<.1 ± <.1	0.4 ± 0.4	0.2 ± 0.1	<.1 ± <.1	0.0	0.6 ± 0.4
2000-01	0.0	0.0	0.4 ± 0.4	0.0	0.0	0.6 ± 0.4
2001-02	0.3 ± 0.3	1.2 ± 0.9	1.1 ± 0.8	0.0	0.0	2.6 ± 1.2
2002-03	0.3 ± 0.2	0.7 ± 0.4	0.1 ± <.1	<.1 ± <.1	0.0	1.1 ± 0.5
Blacktip shark						
1982-83 ^b						
1983-84		0.0	0.3 ± 0.1	0.1 ± 0.1	<.1 ± <.1	0.4 ± 0.1
1984-85		0.0	<.1 ± <.1	0.1 ± 0.1	0.0	0.1 ± 0.1
1985-86		0.0	<.1 ± <.1	<.1 ± <.1	0.0	0.1 ± <.1
1986-87		0.0	<.1 ± <.1	0.2 ± 0.1	0.0	0.2 ± 0.1
1987-88	0.8 ± 0.4	0.0	0.7 ± 0.3	0.1 ± 0.1	0.0	1.6 ± 0.5
1988-89	<.1 ± <.1	0.0	0.4 ± 0.1	0.5 ± 0.4	0.0	0.9 ± 0.4
1989-90	0.0	0.0	0.1 ± 0.1	<.1 ± <.1	0.0	0.2 ± 0.1
1990-91	0.0	0.1 ± 0.1	0.1 ± 0.1	<.1 ± <.1	0.0	0.3 ± 0.1
1991-92	0.3 ± 0.3	0.0	0.3 ± 0.2	<.1 ± <.1	0.0	0.6 ± 0.3
1992-93	<.1 ± <.1	0.0	0.4 ± 0.2	1.3 ± 1.2	0.0	1.7 ± 1.2
1993-94	<.1 ± <.1	0.0	0.4 ± 0.3	<.1 ± <.1	0.0	0.4 ± 0.3
1994-95	<.1 ± <.1	0.0	0.1 ± 0.1	<.1 ± <.1	0.0	0.2 ± 0.1
1995-96	0.1 ± 0.1	0.1 ± 0.1	0.3 ± 0.2	<.1 ± <.1	0.0	0.5 ± 0.2
1996-97	<.1 ± <.1	0.1 ± 0.1	0.2 ± 0.1	0.1 ± 0.1	0.0	0.4 ± 0.2
1997-98	0.1 ± 0.1	0.1 ± 0.1	0.5 ± 0.3	0.1 ± 0.1	0.0	0.8 ± 0.3
1998-99	0.0	0.8 ± 0.4	0.2 ± 0.1	<.1 ± <.1	<.1 ± <.1	1.1 ± 0.5
1999-2000	<.1 ± <.1	0.1 ± 0.1	0.2 ± 0.1	0.0	0.1 ± 0.1	0.4 ± 0.2
2000-01	0.0	0.3 ± 0.2	0.1 ± 0.1	0.1 ± <.1	<.1 ± <.1	0.5 ± 0.2
2001-02	0.0	0.1 ± 0.1	0.2 ± 0.1	<.1 ± <.1	0.0	0.3 ± 0.1
2002-03	0.0	0.1 ± <.1	0.2 ± 0.1	0.1 ± 0.1	0.0	0.4 ± 0.1
Cobia						
1982-83		0.1 ± 0.1	<.1 ± <.1	<.1 ± <.1	<.1 ± <.1	0.3 ± 0.1
1983-84		0.0	<.1 ± <.1	0.1 ± 0.1	<.1 ± <.1	0.2 ± 0.1
1984-85		0.0	<.1 ± <.1	<.1 ± <.1	<.1 ± <.1	0.1 ± <.1

Table D.3. (Cont'd.)

Species Year	Area					Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
Cobia (Cont'd.)						
1985-86		<.1 ± <.1	<.1 ± <.1	<.1 ± <.1	<.1 ± <.1	0.1 ± <.1
1986-87	0.0	0.0	<.1 ± <.1	<.1 ± <.1	0.0	0.1 ± 0.1
1987-88	<.1 ± <.1	0.0	0.1 ± 0.1	<.1 ± <.1	<.1 ± <.1	0.1 ± 0.1
1988-89	0.0	0.0	<.1 ± <.1	<.1 ± <.1	0.0	0.1 ± <.1
1989-90	0.0	0.0	0.0	0.1 ± <.1	0.0	0.1 ± <.1
1990-91	0.1 ± 0.1	<.1 ± <.1	<.1 ± <.1	0.0	0.0	0.2 ± 0.1
1991-92	<.1 ± <.1	0.0	<.1 ± <.1	0.1 ± <.1	0.0	0.1 ± 0.1
1992-93	0.3 ± 0.3	1.2 ± 1.1	0.0	0.1 ± <.1	0.0	1.6 ± 1.2
1993-94	0.0	0.0	<.1 ± <.1	<.1 ± <.1	<.1 ± <.1	0.1 ± <.1
1994-95	<.1 ± <.1	0.1 ± 0.1	0.1 ± <.1	0.2 ± 0.1	<.1 ± <.1	0.4 ± 0.2
1995-96	<.1 ± <.1	0.1 ± 0.1	<.1 ± <.1	<.1 ± <.1	<.1 ± <.1	0.2 ± 0.1
1996-97	<.1 ± <.1	0.6 ± 0.4	0.1 ± <.1	0.1 ± <.1	0.1 ± 0.1	0.9 ± 0.4
1997-98	0.1 ± 0.1	<.1 ± <.1	0.1 ± <.1	0.1 ± 0.1	0.1 ± 0.1	0.4 ± 0.1
1998-99	0.0	0.0	<.1 ± <.1	<.1 ± <.1	<.1 ± <.1	0.1 ± <.1
1999-2000	<.1 ± <.1	0.0	<.1 ± <.1	<.1 ± <.1	0.0	<.1 ± <.1
2000-01	0.0	<.1 ± <.1	<.1 ± <.1	<.1 ± <.1	0.0	0.1 ± <.1
2001-02	<.1 ± <.1	0.0	<.1 ± <.1	<.1 ± <.1	0.1 ± 0.1	0.2 ± 0.1
2002-03	<.1 ± <.1	<.1 ± <.1	<.1 ± <.1	<.1 ± <.1	0.0	0.1 ± <.1
Dolphin						
1982-83 ^b						
1983-84		0.0	0.1 ± <.1	0.1 ± <.1	0.0	0.1 ± 0.1
1984-85	0.0	0.0	0.4 ± 0.3	0.7 ± 0.4	<.1 ± <.1	1.1 ± 0.5
1985-86	0.0	0.0	0.5 ± 0.3	2.4 ± 1.6	0.0	2.9 ± 1.7
1986-87	0.0	0.0	0.1 ± <.1	0.2 ± 0.1	0.0	0.2 ± 0.1
1987-88	0.0	2.3 ± 2.3	0.1 ± 0.1	0.7 ± 0.4	0.0	3.1 ± 2.4
1988-89	0.0	0.2 ± 0.2	0.1 ± 0.1	0.2 ± 0.1	0.0	0.4 ± 0.2
1989-90	0.0	<.1 ± <.1	0.1 ± 0.1	0.2 ± 0.1	0.0	0.5 ± 0.4
1990-91	<.1 ± <.1	0.5 ± 0.4	0.3 ± 0.2	0.2 ± 0.1	0.0	0.9 ± 0.5
1991-92	0.5 ± 0.4	3.6 ± 3.5	<.1 ± <.1	0.2 ± 0.2	0.2 ± 0.1	4.5 ± 3.5
1992-93	0.0	0.0	0.2 ± 0.2	0.1 ± <.1	0.0	0.2 ± 0.2
1993-94	0.0	0.1 ± 0.1	<.1 ± <.1	0.3 ± 0.2	0.0	0.5 ± 0.2
1994-95	0.0	0.5 ± 0.4	0.0	0.2 ± 0.2	0.1 ± 0.1	2.3 ± 1.2
1995-96	0.0	0.3 ± 0.3	0.1 ± 0.1	0.4 ± 0.3	1.5 ± 1.1	0.8 ± 0.4
1996-97	0.0	3.9 ± 3.4	0.1 ± <.1	<.1 ± <.1	<.1 ± <.1	3.9 ± 3.4
1997-98	0.0	0.4 ± 0.3	0.1 ± 0.1	1.6 ± 1.2	0.0	2.3 ± 1.3
1998-99	0.0	0.0	0.0	0.1 ± 0.1	0.0	0.1 ± 0.1
1999-2000	0.0	0.1 ± 0.1	0.2 ± 0.1	0.2 ± 0.1	0.0	0.5 ± 0.2
2000-01	0.0	0.0	0.1 ± 0.1	<.1 ± <.1	0.0	0.1 ± 0.1

Table D.3. (Cont'd.)

Species Year	Area					Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
Dolphin (Cont'd.)						
2001-02	0.0	0.0	0.0	0.9 ± 0.9	0.1 ± 0.1	1.0 ± 0.9
2002-03	0.0	0.0	0.0	<1 ± <1	0.1 ± <1	0.1 ± <1
Gray triggerfish						
1982-83 ^b						
1983-84		0.0	0.1 ± 0.1	0.1 ± 0.1	0.0	0.3 ± 0.2
1984-85		0.0	0.3 ± 0.2	<1 ± <1	<1 ± <1	0.4 ± 0.2
1985-86		0.0	0.3 ± 0.2	0.1 ± 0.1	0.0	0.4 ± 0.2
1986-87		0.0	<1 ± <1	0.0	<1 ± <1	<1 ± <1
1987-88		0.0	<1 ± <1	0.1 ± 0.1	0.0	0.4 ± 0.3
1988-89	0.1 ± 0.1	0.3 ± 0.3	0.5 ± 0.3	0.2 ± 0.1	0.3 ± 0.3	1.1 ± 0.4
1989-90	0.0	0.0	0.0	0.4 ± 0.2	0.3 ± 0.3	0.6 ± 0.4
1990-91	0.3 ± 0.3	0.1 ± 0.1	2.1 ± 1.4	0.6 ± 0.3	0.2 ± 0.2	3.3 ± 1.5
1991-92	0.2 ± 0.1	0.3	0.1 ± <1	0.5 ± 0.4	0.0	1.0 ± 0.4
1992-93	0.0	0.0	3.6 ± 2.6	0.4 ± 0.2	0.0	4.1 ± 2.6
1993-94	0.0	0.0	0.5 ± 0.3	0.0	1.0 ± <1	1.5 ± 0.9
1994-95	<1 ± <1	0.5 ± 0.4	0.4 ± 0.2	<1 ± <1	1.1 ± 0.6	2.0 ± 0.8
1995-96	0.0	0.0	0.3 ± 0.1	0.1 ± 0.1	0.1 ± 0.1	0.5 ± 0.2
1996-97	<1 ± <1	0.1 ± 0.1	1.1 ± 0.9	<1 ± <1	0.7 ± 0.7	1.9 ± 1.1
1997-98	0.0	0.0	0.0	<1 ± <1	0.8 ± 0.3	0.8 ± 0.3
1998-99	0.0	0.0	0.0	<1 ± <1	0.8 ± 0.7	0.8 ± 0.7
1999-2000	0.0	0.4 ± 0.3	0.2 ± 0.2	0.0	0.1 ± 0.1	0.7 ± 0.3
2000-01	0.0	0.2 ± 0.2	0.0	0.0	2.8 ± 2.8	3.0 ± 2.8
2001-02	0.0	0.0	0.3 ± 0.2	<1 ± <1	0.0	0.3 ± 0.2
2002-03	0.0	0.1 ± 0.1	<1 ± <1	<1 ± <1	0.2 ± 0.1	0.3 ± 0.2
Greater amberjack						
1982-83 ^b						
1983-84	0.0	0.0	<1 ± <1	<1 ± <1	0.0	0.1 ± <1
1984-85	0.0	0.0	<1 ± <1	0.0	0.0	<1 ± <1
1985-86	0.0	0.0	0.2 ± 0.1	<1 ± <1	0.0	0.2 ± 0.1
1986-87	0.0	0.0	0.0	0.5 ± 0.4	0.0	0.5 ± 0.4
1987-88	0.0	0.0	0.0	<1 ± <1	0.0	<1 ± <1
1988-89	0.0	0.0	<1 ± <1	0.0	0.1 ± 0.1	0.1 ± 0.1
1989-90	0.0	0.0	0.0	0.0	0.0	0.0
1990-91	0.0	0.0	<1 ± <1	0.0	0.0	<1 ± <1
1991-92	0.0	0.0	0.0	<1 ± <1	0.0	<1 ± <1
1992-93	0.0	0.1 ± 0.1	<1 ± <1	0.0	0.0	0.1 ± 0.1
1993-94	0.0	0.0	0.0	0.0	0.0	0.0

Table D.3. (Cont'd.)

Species Year	Area					Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
Greater amberjack (Cont'd)						
1994-95	0.0	0.0	<1 ± <1	0.0	0.0	<1 ± <1
1995-96	0.0	0.0	0.0	<1 ± <1	0.0	<1 ± <1
1996-97	0.0	0.0	0.0	0.0	0.0	0.0
1997-98	0.0	0.0	<1 ± <1	0.0	0.0	<1 ± <1
1998-99	0.0	<1 ± <1	0.0	0.0	0.0	<1 ± <1
1999-2000	0.0	0.1 ± <1	<1 ± <1	0.0	0.0	0.1 ± <1
2000-01	0.0	0.0	0.0	0.0	0.0	0.0
2001-02	0.0	0.0	0.0	0.0	0.0	0.0
2002-03	0.0	0.0	0.0	0.0	0.0	0.0
King mackerel						
1982-83		2.0 ± 1.7	1.0 ± 0.3	2.0 ± 0.6	0.4 ± 0.3	5.3 ± 1.8
1983-84		0.0	1.1 ± 0.4	8.8 ± 3.3	0.5 ± 0.4	10.4 ± 3.3
1984-85		0.0	1.3 ± 0.4	9.2 ± 3.1	1.6 ± 0.8	12.1 ± 3.3
1985-86		0.8 ± 0.5	1.9 ± 0.6	4.2 ± 1.2	0.2 ± 0.1	7.2 ± 1.4
1986-87		1.6 ± 0.8	0.7 ± 0.2	2.9 ± 0.9	0.1 ± 0.1	5.4 ± 1.3
1987-88	0.0	1.4 ± 0.9	0.8 ± 0.3	4.6 ± 1.3	0.0	6.8 ± 1.6
1988-89	0.0	0.8 ± 0.6	1.8 ± 0.6	3.8 ± 1.3	0.2 ± 0.2	6.6 ± 1.5
1989-90	0.0	1.1 ± 0.6	0.3 ± 0.2	2.3 ± 0.8	0.4 ± 0.4	4.0 ± 1.1
1990-91	<1 ± <1	0.4 ± 0.3	0.6 ± 0.2	1.8 ± 0.5	0.2 ± 0.2	3.0 ± 0.6
1991-92	0.1 ± 0.1	7.4 ± 6.2	0.7 ± 0.3	2.0 ± 0.5	0.3 ± 0.2	10.5 ± 6.2
1992-93	0.1 ± 0.1	3.4 ± 1.8	1.9 ± 0.7	5.0 ± 1.4	0.9 ± 0.5	11.3 ± 2.4
1993-94	<1 ± <1	1.8 ± 1.2	1.1 ± 0.4	4.2 ± 1.8	0.2 ± 0.2	7.4 ± 2.2
1994-95	0.0	1.3 ± 0.6	0.8 ± 0.4	3.8 ± 1.6	1.3 ± 0.4	7.2 ± 1.8
1995-96	<1 ± <1	3.9 ± 1.8	1.7 ± 0.6	6.1 ± 2.2	1.9 ± 1.0	13.6 ± 3.1
1996-97	0.0	9.1 ± 4.0	1.1 ± 0.5	2.7 ± 0.7	0.7 ± 0.3	13.6 ± 4.1
1997-98	<1 ± <1	3.1 ± 1.4	1.7 ± 0.7	5.7 ± 1.5	1.1 ± 0.4	11.6 ± 2.2
1998-99	0.0	0.8 ± 0.4	0.5 ± 0.2	5.6 ± 2.0	0.3 ± 0.2	7.1 ± 2.1
1999-2000	0.1 ± 0.1	1.1 ± 0.6	0.3 ± 0.1	3.7 ± 1.7	0.6 ± 0.3	5.7 ± 1.8
2000-01	0.0	2.5 ± 1.4	0.6 ± 0.2	1.9 ± 0.7	0.8 ± 0.6	5.8 ± 1.7
2001-02	0.0	1.4 ± 0.7	0.3 ± 0.3	1.0 ± 0.3	0.5 ± 0.2	3.2 ± 0.9
2002-03	<1 ± <1	0.5 ± 0.3	0.2 ± 0.1	2.6 ± 1.5	0.6 ± 0.2	3.9 ± 1.6
Lane snapper						
1982-83 ^b		0.0	0.0	0.0	0.0	0.0
1983-84		0.0	0.1 ± 0.1	0.0	0.0	0.1 ± 0.1
1984-85		0.0	<1 ± <1	<1 ± <1	0.0	<1 ± <1
1985-86		0.0	<1 ± <1	0.0	0.0	<1 ± <1
1986-87		0.0	<1 ± <1	0.0	0.0	<1 ± <1

Table D.3. (Cont'd.)

Species Year	Area					Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
Lane Snapper (Cont'd.)						
1987-88	0.0	0.0	0.0	<.1 ± <.1	0.0	<.1 ± <.1
1988-89	0.0	0.0	<.1 ± <.1	0.0	0.0	<.1 ± <.1
1989-90	0.0	0.0	0.0	0.0	0.0	0.0
1990-91	0.0	0.4 ± 0.4	0.3 ± 0.2	0.0	0.0	0.7 ± 0.5
1991-92	0.0	0.0	<.1 ± <.1	<.1 ± <.1	0.0	<.1 ± <.1
1992-93	0.0	0.0	<.1 ± <.1	0.1 ± 0.1	0.0	0.1 ± 0.1
1993-94	0.0	0.0	<.1 ± <.1	0.0	0.0	<.1 ± <.1
1994-95	0.0	0.0	<.1 ± <.1	0.0	0.0	<.1 ± <.1
1995-96	0.0	1.0 ± 0.8	0.1 ± 0.1	<.1 ± <.1	0.0	1.1 ± 0.8
1996-97	0.0	0.0	<.1 ± <.1	0.0	0.0	<.1 ± <.1
1997-98	0.0	0.0	<.1 ± <.1	0.0	0.0	<.1 ± <.1
1998-99	0.0	0.0	0.0	<.1 ± <.1	0.0	<.1 ± <.1
1999-2000	0.0	0.1 ± 0.1	<.1 ± <.1	<.1 ± <.1	0.1 ± 0.1	<.1 ± <.1
2000-01	0.0	0.0	0.0	0.0	0.0	<.1 ± <.1
2001-02	0.0	0.0	<.1 ± <.1	0.1 ± 0.1	0.0	0.2 ± 0.1
2002-03	0.0	0.0	0.0	<.1 ± <.1	<.1 ± <.1	0.1 ± <.1
Little tunny						
1982-83 ^b						
1983-84		0.0	<.1 ± <.1	0.3 ± 0.3	0.0	0.4 ± 0.3
1984-85		0.0	0.0	0.1 ± <.1	0.2 ± 0.1	0.2 ± 0.1
1985-86		0.1 ± 0.1	<.1 ± <.1	<.1 ± <.1	0.0	0.2 ± 0.1
1986-87		0.1 ± <.1	<.1 ± <.1	0.1 ± 0.1	0.0	0.2 ± 0.1
1987-88		<.1 ± <.1	<.1 ± <.1	0.2 ± 0.2	0.0	0.3 ± 0.2
1988-89	0.0	0.0	0.0	<.1 ± <.1	0.1 ± 0.1	0.1 ± 0.1
1989-90	0.0	0.0	0.0	<.1 ± <.1	0.0	<.1 ± <.1
1990-91	0.0	0.0	<.1 ± <.1	0.0	<.1 ± <.1	<.1 ± <.1
1991-92	<.1 ± <.1	1.0 ± 0.7	<.1 ± <.1	0.1 ± 0.1	0.1 ± 0.1	1.2 ± 0.7
1992-93	0.5 ± 0.5	0.5 ± 0.5	<.1 ± <.1	0.1 ± <.1	0.1 ± 0.1	1.1 ± 0.7
1993-94	0.0	0.0	0.0	0.0	<.1 ± <.1	<.1 ± <.1
1994-95	0.0	0.0	0.0	0.1 ± 0.1	0.1 ± 0.1	0.2 ± 0.1
1995-96	<.1 ± <.1	0.1 ± 0.1	0.0	0.0	0.2 ± 0.1	0.3 ± 0.1
1996-97	0.0	0.4 ± 0.2	0.0	0.0	0.0	0.5 ± 0.3
1997-98	0.0	0.0	<.1 ± <.1	0.1 ± 0.1	<.1 ± <.1	<.1 ± <.1
1998-99	0.0	0.0	0.0	0.2 ± 0.1	0.3 ± 0.2	0.4 ± 0.2
1999-2000	0.0	0.0	0.0	<.1 ± <.1	0.0	<.1 ± <.1
2000-01	0.0	0.0	0.0	0.1 ± 0.1	0.0	0.2 ± 0.1
2001-02	0.0	<.1 ± <.1	0.0	<.1 ± <.1	0.0	0.1 ± 0.1
2002-03	0.0	0.1 ± 0.1	0.0	<.1 ± <.1	<.1 ± <.1	0.1 ± <.1

Table D.3. (Cont'd.)

Species Year	Area					Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
Red drum						
1982-83		0.0	0.2 ± 0.1	<.1 ± <.1	0.0	0.2 ± 0.1
1983-84		0.0	0.6 ± 0.2	<.1 ± <.1	0.1 ± 0.1	0.7 ± 0.2
1984-85		0.0	0.3 ± 0.1	0.5 ± 0.5	<.1 ± <.1	0.9 ± 0.6
1985-86		0.0	0.4 ± 0.2	0.0	0.0	0.4 ± 0.2
1986-87		0.0	1.6 ± 0.6	<.1 ± <.1	0.0	1.6 ± 0.6
1987-88	0.2 ± 0.1	0.0	0.7 ± 0.2	0.0	0.0	0.9 ± 0.3
1988-89	0.1 ± 0.1	0.0	0.3 ± 0.1	0.0	0.0	0.5 ± 0.1
1989-90	0.0	<.1 ± <.1	0.2 ± 0.1	<.1 ± <.1	0.0	0.3 ± 0.1
1990-91	0.3 ± 0.2	<.1 ± <.1	0.4 ± 0.2	0.2 ± 0.1	0.0	0.9 ± 0.3
1991-92	<.1 ± <.1	0.0	0.5 ± 0.2	0.5 ± 0.5	0.0	1.0 ± 0.5
1992-93	0.5 ± 0.3	0.1 ± 0.1	0.5 ± 0.2	0.0	0.0	1.0 ± 0.4
1993-94	0.3 ± 0.2	0.7 ± 0.5	0.3 ± 0.1	0.1 ± 0.1	0.1 ± 0.1	1.4 ± 0.5
1994-95	0.3 ± 0.1	0.1 ± 0.1	0.4 ± 0.1	<.1 ± <.1	0.3 ± 0.2	1.1 ± 0.3
1995-96	0.1 ± <.1	2.4 ± 1.4	0.8 ± 0.2	<.1 ± <.1	0.0	3.3 ± 1.5
1996-97	0.3 ± 0.2	0.6 ± 0.4	0.9 ± 0.7	0.1 ± <.1	0.0	1.9 ± 0.8
1997-98	0.2 ± 0.1	0.1 ± 0.1	1.7 ± 0.5	0.2 ± 0.2	0.0	2.3 ± 0.6
1998-99	0.3 ± 0.2	2.0 ± 0.9	1.3 ± 0.8	0.1 ± 0.1	<.1 ± <.1	3.6 ± 1.3
1999-2000	0.2 ± 0.1	1.6 ± 0.8	1.5 ± 0.4	1.3 ± 0.8	0.0	4.6 ± 1.2
2000-01	<.1 ± <.1	0.3 ± 0.1	0.8 ± 0.4	0.5 ± 0.4	0.0	1.6 ± 0.6
2001-02	0.1 ± 0.1	0.5 ± 0.3	0.8 ± 0.2	0.1 ± 0.1	0.0	1.5 ± 0.4
2002-03	0.3 ± 0.2	2.3 ± 1.1	0.1 ± 0.1	<.1 ± <.1	<.1 ± <.1	2.8 ± 1.2
Red snapper						
1982-83		0.2	2.6 ± 1.5	0.3 ± 0.2	1.8 ± 0.9	4.8 ± 1.7
1983-84		0.1 ± 0.1	2.3 ± 1.2	2.9 ± 1.5	3.5 ± 1.5	8.8 ± 2.4
1984-85		0.0	1.2 ± 0.6	0.3 ± 0.2	0.3 ± 0.2	1.8 ± 0.6
1985-86		0.0	3.3 ± 1.9	0.4 ± 0.3	1.5 ± 0.9	5.2 ± 2.2
1986-87		0.0	1.1 ± 0.5	0.3 ± 0.3	0.4 ± 0.4	1.8 ± 0.7
1987-88	0.3 ± 0.2	0.5 ± 0.5	1.5 ± 0.8	0.4 ± 0.2	0.1 ± 0.1	2.8 ± 1.0
1988-89	0.6 ± 0.5	0.9 ± 0.7	4.4 ± 1.4	0.1 ± 0.1	1.7 ± 1.3	7.8 ± 2.1
1989-90	0.0	0.7 ± 0.5	0.0	1.4 ± 0.6	3.2 ± 2.4	5.3 ± 2.5
1990-91	2.5 ± 2.3	2.5 ± 2.4	1.4 ± 0.6	1.7 ± 1.4	2.4 ± 2.3	10.4 ± 4.3
1991-92	2.6 ± 1.2	0.4 ± 0.2	2.1 ± 0.8	0.6 ± 0.3	0.3 ± 0.3	5.9 ± 1.5
1992-93	0.8 ± 0.6	1.7 ± 1.4	1.7 ± 0.7	0.8 ± 0.3	3.4 ± 1.1	8.4 ± 2.0
1993-94	0.3 ± 0.3	2.2 ± 1.0	2.6 ± 1.4	0.3 ± 0.2	7.6 ± 2.9	13.0 ± 3.4
1994-95	0.2 ± 0.2	2.2 ± 1.3	3.2 ± 1.0	0.1 ± 0.1	13.7 ± 4.6	19.5 ± 4.9
1995-96	1.2 ± 0.5	5.5 ± 2.2	4.5 ± 1.4	0.1 ± 0.1	8.1 ± 3.8	19.4 ± 4.6
1996-97	1.2 ± 0.9	4.1 ± 1.7	3.8 ± 1.5	0.1 ± 0.1	2.4 ± 1.9	11.7 ± 3.0

Table D.3. (Cont'd.)

Species Year	Area					Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
Red snapper (Cont'd.)						
1997-98	0.3 ± 0.3	2.5 ± 1.9	1.4 ± 0.7	0.1 ± <.1	9.8 ± 4.0	14.1 ± 4.5
1998-99	0.2 ± 0.2	0.5 ± 0.4	0.3 ± 0.2	<.1 ± <.1	4.0 ± 1.5	5.0 ± 1.6
1999-2000	0.8 ± 0.6	0.9 ± 0.4	0.8 ± 0.4	0.4 ± 0.3	10.6 ± 3.1	13.6 ± 3.2
2000-01	<.1 ± <.1	2.5 ± 1.1	0.2 ± 0.1	0.0	7.1 ± 2.9	9.8 ± 3.1
2001-02	0.0	1.1 ± 0.6	1.8 ± 0.8	0.6 ± 0.3	4.8 ± 1.9	8.2 ± 2.2
2002-03	0.1 ± 0.1	2.4 ± 1.8	0.3 ± 0.2	0.2 ± 0.1	7.4 ± 1.8	10.4 ± 2.6
Sand seatrout						
1982-83		<.1 ± <.1	15.6 ± 8.3	1.7 ± 0.9	0.5 ± 0.3	17.8 ± 8.3
1983-84		0.0	20.8 ± 11.5	<.1 ± <.1	0.0	20.9 ± 11.5
1984-85		0.0	22.5 ± 14.4	0.9 ± 0.5	0.0	23.4 ± 14.4
1985-86		2.7 ± 2.7	20.2 ± 13.3	0.4 ± 0.3	<.1 ± <.1	23.3 ± 13.5
1986-87		0.7 ± 0.7	15.8 ± 10.1	0.0	0.0	16.5 ± 10.1
1987-88	2.1 ± 1.4	0.0	1.3 ± 1.0	1.6 ± 1.2	0.0	5.0 ± 2.1
1988-89	3.6 ± 3.1	0.0	3.6 ± 3.1	<.1 ± <.1	0.0	7.3 ± 4.4
1989-90	0.2 ± 0.2	0.1 ± 0.1	1.9 ± 1.6	0.2 ± 0.1	0.0	2.3 ± 1.6
1990-91	9.4 ± 0.8	0.5 ± 0.4	2.4 ± 1.5	0.0	0.0	12.3 ± 1.7
1991-92	3.5 ± 1.6	0.0	2.1 ± 1.6	0.3 ± 0.2	0.0	5.9 ± 2.3
1992-93	7.6 ± 6.4	0.0	0.9 ± 0.6	<.1 ± <.1	0.0	8.5 ± 6.5
1993-94	4.1 ± 2.4	5.8 ± 4.2	0.1 ± <.1	0.0	0.0	9.9 ± 4.9
1994-95	6.5 ± 5.5	6.0 ± 4.0	0.5 ± 0.3	0.2 ± 0.1	0.1 ± 0.1	13.3 ± 6.9
1995-96	1.1 ± 0.9	0.7 ± 0.7	2.2 ± 1.4	<.1 ± <.1	<.1 ± <.1	4.0 ± 1.8
1996-97	1.1 ± 0.7	3.1 ± 1.9	1.2 ± 0.8	0.1 ± 0.1	0.0	5.5 ± 2.2
1997-98	0.6 ± 0.4	<.1 ± <.1	0.1 ± 0.1	0.1 ± <.1	0.0	0.8 ± 0.4
1998-99	1.4 ± 1.2	5.2 ± 3.9	0.6 ± 0.4	0.2 ± 0.2	0.0	7.5 ± 4.1
1999-2000	2.5 ± 2.4	8.0 ± 6.6	0.8 ± 0.4	1.4 ± 1.1	0.0	12.7 ± 7.1
2000-01	1.8 ± 1.8	1.1 ± 1.1	0.9 ± 0.5	<.1 ± <.1	0.0	2.2 ± 1.2
2001-02	0.3 ± 0.2	1.9 ± 1.3	0.5 ± 0.4	<.1 ± <.1	<.1 ± <.1	2.8 ± 1.4
2002-03	0.2 ± 0.2	3.0 ± 1.8	0.4 ± 0.2	0.2 ± 0.1	0.0	3.7 ± 1.8
Spanish mackerel						
1982-83		0.3 ± 0.3	0.2 ± 0.1	0.3 ± 0.2	0.0	0.8 ± 0.3
1983-84		0.0	0.4 ± 0.3	0.8 ± 0.4	0.0	1.3 ± 0.5
1984-85		0.0	0.2 ± 0.1	<.1 ± <.1	0.5 ± 0.5	0.7 ± 0.5
1985-86		0.2 ± 0.1	0.2 ± 0.1	0.2 ± 0.1	<.1 ± <.1	0.6 ± 0.2
1986-87		0.2 ± 0.1	<.1 ± <.1	<.1 ± <.1	<.1 ± <.1	0.2 ± 0.1
1987-88	0.2 ± 0.1	0.1 ± 0.1	0.2 ± 0.1	3.3 ± 1.7	<.1 ± <.1	3.9 ± 1.7
1988-89	0.1 ± 0.1	0.0	0.5 ± 0.4	0.1 ± 0.1	0.1 ± 0.1	0.9 ± 0.4
1989-90	<.1 ± <.1	1.4 ± 1.0	<.1 ± <.1	0.3 ± 0.2	0.2 ± 0.2	2.0 ± 1.0
1990-91	0.4 ± 0.3	0.5 ± 0.4	0.3 ± 0.2	0.4 ± 0.2	0.3 ± 0.2	1.9 ± 0.6

Table D.3. (Cont'd.)

Species Year	Area					Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
Spanish mackerel (Cont'd.)						
1991-92	1.0 ± 0.4	0.8 ± 0.7	0.1 ± 0.1	1.1 ± 0.4	0.1 ± 0.1	3.1 ± 0.9
1992-93	0.4 ± 0.3	0.6 ± 0.4	0.2 ± 0.1	0.5 ± 0.2	0.2 ± 0.2	1.8 ± 0.6
1993-94	0.3 ± 0.2	<1 ± <1	0.1 ± <1	0.4 ± 0.2	0.2 ± 0.2	1.0 ± 0.3
1994-95	0.2 ± 0.1	2.3 ± 1.4	0.1 ± <1	0.7 ± 0.4	<1 ± <1	3.2 ± 1.5
1995-96	0.5 ± 0.3	2.7 ± 1.5	0.9 ± 0.5	1.4 ± 0.7	<1 ± <1	5.5 ± 1.7
1996-97	0.8 ± 0.7	3.5 ± 2.3	0.6 ± 0.3	0.5 ± 0.3	<1 ± <1	5.4 ± 2.5
1997-98	0.2 ± 0.1	2.8 ± 2.6	0.2 ± 0.1	0.2 ± 0.1	0.0	3.4 ± 2.6
1998-99	<1 ± <1	2.7 ± 2.3	0.3 ± 0.2	0.2 ± 0.1	<1 ± <1	3.3 ± 2.3
1999-2000	0.2 ± 0.1	0.8 ± 0.5	0.4 ± 0.1	0.1 ± <1	0.1 ± <1	1.4 ± 0.5
2000-01	<1 ± <1	0.7 ± 0.4	0.1 ± 0.1	0.8 ± 0.3	<1 ± <1	1.7 ± 0.5
2001-02	<1 ± <1	0.5 ± 0.4	0.1 ± 0.1	0.4 ± 0.4	0.1 ± 0.1	1.1 ± 0.5
2002-03	0.1 ± 0.1	2.5 ± 1.3	0.2 ± 0.1	<1 ± <1	0.2 ± 0.2	3.0 ± 1.3
Spotted seatrout						
1982-83		0.4 ± 0.4	1.4 ± 0.6	0.1 ± 0.1	0.1 ± 0.1	2.0 ± 0.7
1983-84		0.0	6.1 ± 3.1	<1 ± <1	0.2 ± 0.2	6.2 ± 3.1
1984-85		0.6 ± 0.6	1.0 ± 0.3	0.1 ± 0.1	<1 ± <1	1.8 ± 0.7
1985-86		0.0	1.3 ± 0.5	0.2 ± 0.2	0.1 ± 0.1	1.5 ± 0.5
1986-87		3.2 ± 2.9	3.7 ± 2.7	0.1 ± 0.1	0.0	7.0 ± 4.0
1987-88	3.7 ± 1.6	2.3 ± 2.1	2.6 ± 1.2	0.2 ± 0.2	0.0	8.8 ± 2.9
1988-89	0.4 ± 0.2	0.0	1.5 ± 0.6	0.2 ± 0.1	0.2 ± 0.2	2.3 ± 0.7
1989-90	0.4 ± 0.2	0.0	0.1 ± 0.1	0.0	0.0	0.5 ± 0.2
1990-91	1.9 ± 1.7	0.1 ± 0.1	0.5 ± 0.2	0.0	0.0	2.6 ± 1.8
1991-92	1.7 ± 1.0	0.0	2.1 ± 0.7	0.1 ± 0.1	0.0	3.9 ± 1.2
1992-93	0.5 ± 0.4	0.8 ± 0.8	11.0 ± 2.9	5.2 ± 3.7	<1 ± <1	17.6 ± 4.8
1993-94	1.8 ± 1.0	10.1 ± 8.8	8.0 ± 4.3	<1 ± <1	1.1 ± 1.1	20.9 ± 9.9
1994-95	1.9 ± 0.9	2.0 ± 1.7	9.7 ± 2.6	0.3 ± 0.3	0.3 ± 0.2	14.2 ± 3.2
1995-96	2.8 ± 1.5	0.6 ± 0.4	18.6 ± 4.3	<1 ± <1	0.6 ± 0.4	22.7 ± 4.6
1996-97	2.9 ± 1.5	4.0 ± 2.8	5.2 ± 2.7	0.1 ± <1	0.3 ± 0.3	12.5 ± 4.2
1997-98	3.4 ± 2.5	1.1 ± 0.6	14.5 ± 3.8	1.9 ± 1.3	<1 ± <1	20.9 ± 4.5
1998-99	1.0 ± 0.5	2.8 ± 1.5	9.6 ± 3.8	0.8 ± 0.5	0.0	14.2 ± 4.2
1999-2000	0.7 ± 0.5	10.1 ± 7.7	13.9 ± 4.4	4.1 ± 2.2	0.2 ± 0.2	29.1 ± 9.1
2000-01	1.1 ± 0.6	0.7 ± 0.7	15.7 ± 7.8	0.5 ± 0.4	0.0	18.1 ± 7.9
2001-02	6.9 ± 4.6	6.3 ± 3.8	9.9 ± 3.7	0.6 ± 0.4	0.0	23.7 ± 7.1
2002-03	2.2 ± 1.0	8.1 ± 4.4	8.3 ± 3.0	<1 ± <1	0.7 ± 0.5	19.3 ± 5.5
Vermilion snapper						
1982-83 ^b		0.0	0.0	0.0	0.0	0.0
1983-84		0.0	0.0	0.0	0.0	0.0

Table D.3. (Cont'd.)

Species Year	Area					Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
Vermilion snapper (Cont'd.)						
1984-85		0.0	0.0	0.0	0.0	0.0
1985-86		0.0	0.0	0.0	0.0	0.0
1986-87		0.0	0.0	0.0	0.0	0.0
1987-88	0.0	0.0	0.0	0.0	0.0	0.0
1988-89	0.0	0.0	0.0	0.0	0.0	0.0
1989-90	0.0	0.0	0.0	0.0	0.0	0.0
1990-91	0.0	0.0	0.0	0.0	0.0	0.0
1991-92	0.0	0.0	0.0	0.0	0.0	0.0
1992-93	0.0	0.0	0.0	0.0	0.0	0.0
1993-94	0.0	0.0	0.0	0.0	0.0	0.0
1994-95	0.0	0.0	0.0	0.0	0.0	0.0
1995-96	0.0	0.1 ± 0.1	<.1 ± <.1	<.1 ± <.1	0.0	0.1 ± 0.1
1996-97	0.0	<.1 ± <.1	<.1 ± <.1	0.0	0.0	<.1 ± <.1
1997-98	0.0	0.0	0.0	0.1 ± 0.1	0.0	0.1 ± 0.1
1998-99	0.0	0.0	0.0	0.0	0.0	0.0
1999-2000	0.0	0.0	0.0	0.0	0.0	0.0
2000-01	0.0	<.1 ± <.1	0.0	0.0	0.0	0.0
2001-02	0.0	0.0	0.0	0.0	0.0	0.0
2002-03	0.0	0.0	0.0	<.1 ± <.1	0.0	<.1 ± <.1
Other species						
1982-83		0.5 ± 0.3	0.7 ± 0.3	1.4 ± 0.4	0.2 ± 0.1	2.8 ± 0.6
1983-84		0.1 ± 0.1	1.9 ± 0.7	2.3 ± 1.0	2.3 ± 1.0	4.7 ± 1.3
1984-85		0.6 ± 0.5	2.8 ± 1.4	3.2 ± 2.6	3.2 ± 2.6	6.8 ± 2.9
1985-86		0.1 ± 0.1	5.3 ± 3.0	1.1 ± 0.3	1.1 ± 0.3	6.7 ± 3.0
1986-87		0.9 ± 0.8	2.1 ± 0.6	0.4 ± 0.2	0.4 ± 0.2	3.4 ± 1.0
1987-88	1.4 ± 0.7	1.7 ± 1.1	2.8 ± 1.1	0.6 ± 0.2	0.1 ± 0.1	6.5 ± 1.7
1988-89	0.7 ± 0.2	3.7 ± 3.7	2.7 ± 1.0	0.6 ± 0.2	0.1 ± 0.1	7.8 ± 3.8
1989-90	0.2 ± 0.1	0.4 ± 0.2	0.6 ± 0.3	0.4 ± 0.2	0.2 ± 0.1	1.7 ± 0.5
1990-91	1.4 ± 0.8	2.2 ± 1.9	2.8 ± 0.9	0.7 ± 0.3	<.1 ± <.1	7.2 ± 2.3
1991-92	3.2 ± 1.2	<.1 ± <.1	3.5 ± 1.3	0.5 ± 0.2	0.1 ± 0.1	7.2 ± 1.8
1992-93	1.5 ± 0.8	0.5 ± 0.4	1.7 ± 0.6	0.3 ± 0.1	0.0	4.1 ± 1.0
1993-94	0.5 ± 0.3	3.3 ± 1.8	1.1 ± 0.8	<.1 ± <.1	1.0 ± 0.6	5.9 ± 2.0
1994-95	1.1 ± 0.5	2.9 ± 1.2	1.3 ± 0.4	0.4 ± 0.2	1.3 ± 0.9	7.0 ± 1.7
1995-96	1.3 ± 1.0	3.6 ± 1.3	2.0 ± 0.5	0.7 ± 0.5	0.2 ± 0.2	7.8 ± 1.8
1996-97	0.9 ± 0.5	5.9 ± 4.0	1.4 ± 0.6	1.3 ± 0.7	<.1 ± <.1	9.5 ± 4.2
1997-98	1.2 ± 0.9	1.1 ± 0.5	1.0 ± 0.3	1.1 ± 0.7	0.5 ± 0.3	4.9 ± 1.3
1998-99	0.3 ± 0.2	3.6 ± 1.6	0.8 ± 0.3	0.2 ± 0.1	0.1 ± 0.1	5.0 ± 1.6
1999-2000	0.7 ± 0.6	6.1 ± 2.6	2.8 ± 1.0	1.0 ± 0.6	0.9 ± 0.4	11.5 ± 2.9

Table D.3. (Cont'd.)

Species Year	Area					Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
Other species (Cont'd.)						
2000-01	0.2 ± 0.2	2.7 ± 1.6	2.1 ± 0.7	0.1 ± 0.1	0.2 ± 0.1	5.3 ± 1.7
2001-02	0.2 ± 0.2	16.1 ± 9.3	1.8 ± 0.9	0.3 ± 0.2	0.7 ± 0.4	19.2 ± 9.3
2002-03	0.4 ± 0.2	9.6 ± 4.1	1.8 ± 0.6	0.2 ± 0.1	1.0 ± 0.5	13.0 ± 4.2
All species combined *						
1982-83		3.6 ± 2.3	21.8 ± 9.3	5.8 ± 1.6	3.2 ± 1.4	34.5 ± 9.8
1983-84		1.4 ± 0.9	34.7 ± 12.7	15.9 ± 5.0	4.8 ± 1.7	56.7 ± 13.8
1984-85		1.5 ± 1.0	32.7 ± 15.0	15.6 ± 4.5	2.9 ± 1.2	52.6 ± 15.7
1985-86		5.3 ± 3.9	35.3 ± 16.0	10.8 ± 2.6	2.0 ± 0.9	53.4 ± 16.7
1986-87		7.2 ± 4.1	27.1 ± 11.2	6.0 ± 1.6	0.7 ± 0.5	41.0 ± 12.1
1987-88	11.6 ± 3.8	9.6 ± 5.4	11.7 ± 3.4	15.0 ± 3.9	0.3 ± 0.2	48.1 ± 8.4
1988-89	6.1 ± 3.4	5.6 ± 4.4	17.5 ± 4.7	7.0 ± 1.7	2.9 ± 1.6	39.1 ± 7.7
1989-90	0.8 ± 0.4	7.5 ± 4.0	3.6 ± 1.7	5.8 ± 1.3	4.5 ± 2.5	22.2 ± 5.2
1990-91	16.7 ± 4.9	10.8 ± 6.1	13.7 ± 3.3	5.6 ± 1.8	3.3 ± 2.6	50.2 ± 9.1
1991-92	14.0 ± 4.5	13.5 ± 11.0	11.9 ± 2.8	6.0 ± 1.5	0.8 ± 0.4	46.4 ± 12.3
1992-93	14.8 ± 7.0	9.0 ± 3.6	24.1 ± 4.6	14.1 ± 5.2	5.0 ± 1.6	67.0 ± 10.6
1993-94	8.9 ± 3.4	24.5 ± 12.0	14.7 ± 6.5	6.3 ± 2.3	12.6 ± 4.1	67.0 ± 14.9
1994-95	11.2 ± 5.7	24.8 ± 8.9	17.8 ± 3.5	6.8 ± 2.7	19.7 ± 5.2	80.3 ± 12.6
1995-96	7.5 ± 2.3	23.2 ± 5.6	31.7 ± 6.4	9.2 ± 2.8	11.2 ± 4.4	82.8 ± 10.2
1996-97	8.9 ± 4.2	65.1 ± 36.6	16.3 ± 5.5	5.4 ± 1.2	4.3 ± 2.6	99.9 ± 37.4
1997-98	6.6 ± 3.1	11.6 ± 4.4	22.4 ± 5.0	11.5 ± 2.7	12.4 ± 4.5	64.6 ± 9.0
1998-99	3.8 ± 2.0	21.7 ± 9.3	14.2 ± 4.6	7.9 ± 2.5	5.5 ± 2.2	53.3 ± 11.0
1999-2000	6.1 ± 2.7	32.4 ± 11.0	21.7 ± 5.2	12.6 ± 4.5	13.0 ± 3.4	85.8 ± 13.7
2000-01	1.7 ± 0.9	13.1 ± 3.9	21.8 ± 8.5	4.4 ± 1.4	11.0 ± 5.4	52.0 ± 10.9
2001-02	8.0 ± 4.7	32.4 ± 11.0	17.0 ± 4.8	4.2 ± 1.4	6.3 ± 2.2	67.9 ± 13.0
2002-03	3.6 ± 1.3	31.6 ± 9.7	11.8 ± 3.4	3.6 ± 1.6	10.2 ± 2.3	60.8 ± 10.7

* Due to rounding of numbers, these totals may not exactly equal sum of individual totals.
This species included in "other" species in this year

Table D.4. Estimated annual catch rates of fishes (no./man-h) \pm 1 SE caught by private-boat anglers in the TTS by area, species, and year (1982-2003). Blanks indicate no interviews conducted.

Species Year	Area					Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
Atlantic croaker						
1982-83		0.01 \pm 0.01	0.01 \pm <.01	<.01 \pm <.01	0.03 \pm 0.03	0.01 \pm <.01
1983-84		0.00	0.01 \pm 0.01	0.00	0.00	<.01 \pm <.01
1984-85		0.01 \pm 0.01	0.01 \pm <.01	<.01 \pm <.01	0.00	<.01 \pm <.01
1985-86		0.06 \pm 0.06	<.01 \pm <.01	0.00	0.00	0.01 \pm 0.01
1986-87		0.00	<.01 \pm <.01	0.00	0.00	<.01 \pm <.01
1987-88	0.07 \pm 0.04	0.00	<.01 \pm <.01	<.01 \pm <.01	0.00	0.01 \pm 0.01
1988-89	0.01 \pm <.01	0.00	<.01 \pm <.01	<.01 \pm <.01	0.00	<.01 \pm <.01
1989-90	0.00	0.00	0.00	<.01 \pm <.01	0.00	<.01 \pm <.01
1990-91	<.01 \pm <.01	0.16 \pm 0.12	<.01 \pm <.01	<.01 \pm <.01	0.00	<.01 \pm <.01
1991-92	<.01 \pm <.01	0.00	<.01 \pm <.01	0.00	0.00	0.02 \pm 0.01
1992-93	0.02 \pm 0.01	0.00	<.01 \pm <.01	0.00	0.00	<.01 \pm <.01
1993-94	0.01 \pm 0.01	0.00	<.01 \pm <.01	0.00	0.00	<.01 \pm <.01
1994-95	<.01 \pm <.01	0.03 \pm 0.03	0.01 \pm 0.01	0.00	0.01 \pm 0.01	<.01 \pm <.01
1995-96	0.01 \pm 0.01	<.01 \pm <.01	<.01 \pm <.01	0.00	0.00	0.01 \pm 0.01
1996-97	0.04 \pm 0.04	0.13 \pm 0.13	<.01 \pm <.01	0.00	0.00	0.09 \pm 0.09
1997-98	0.02 \pm 0.01	0.02 \pm 0.02	<.01 \pm <.01	0.00	0.00	<.01 \pm <.01
1998-99	0.03 \pm 0.02	0.02 \pm 0.02	<.01 \pm <.01	<.01 \pm <.01	0.00	0.01 \pm 0.01
1999-2000	0.07 \pm 0.07	0.01 \pm 0.01	0.01 \pm <.01	0.00	0.00	0.01 \pm <.01
2000-01	0.00	0.00	<.01 \pm <.01	0.00	0.00	<.01 \pm <.01
2001-02	<.01 \pm <.01	0.03 \pm 0.02	<.01 \pm <.01	0.00	0.00	0.01 \pm 0.01
2002-03	<.01 \pm <.01	0.02 \pm 0.01	<.01 \pm <.01	0.00	0.00	0.01 \pm 0.01
Atlantic sharpnose shark						
1982-83			0.00	<.01 \pm <.01		<.01 \pm <.01
1983-84		0.00	<.01 \pm <.01	<.01 \pm <.01	0.00	<.01 \pm <.01
1984-85		0.00	<.01 \pm <.01	<.01 \pm <.01	0.00	<.01 \pm <.01
1985-86		<.01 \pm <.01	0.01 \pm <.01	0.02 \pm 0.01	0.00	0.01 \pm 0.01
1986-87		0.01 \pm 0.01	<.01 \pm <.01	0.02 \pm 0.01	0.00	0.01 \pm 0.01
1987-88	<.01 \pm <.01	0.02 \pm 0.02	0.01 \pm <.01	0.03 \pm 0.03	0.00	0.02 \pm 0.01
1988-89	0.01 \pm 0.01	0.00	0.01 \pm <.01	0.01 \pm <.01	0.00	0.01 \pm <.01
1989-90	0.00	<.01 \pm <.01	0.01 \pm 0.01	0.01 \pm 0.01	0.00	0.01 \pm <.01
1990-91	<.01 \pm <.01	<.01 \pm <.01	0.01 \pm 0.01	<.01 \pm <.01	0.00	<.01 \pm <.01
1991-92	0.01 \pm 0.01	0.00	<.01 \pm <.01	0.00	0.00	<.01 \pm <.01
1992-93	0.01 \pm 0.01	<.01 \pm <.01	0.02 \pm 0.01	0.01 \pm <.01	0.00	<.01 \pm <.01
1993-94	<.01 \pm <.01	<.01 \pm <.01	0.01 \pm <.01	0.01 \pm 0.01	0.00	0.01 \pm <.01
1994-95	0.01 \pm 0.01	<.01 \pm <.01	<.01 \pm <.01	0.01 \pm <.01	0.00	<.01 \pm <.01
1995-96	0.01 \pm <.01	<.01 \pm <.01	<.01 \pm <.01	0.01 \pm <.01	0.00	<.01 \pm <.01
1996-97	<.01 \pm <.01	0.01 \pm <.01	<.01 \pm <.01	0.01 \pm <.01	0.00	<.01 \pm <.01
1997-98	<.01 \pm <.01	<.01 \pm <.01	<.01 \pm <.01	<.01 \pm <.01	0.01 \pm 0.01	0.01 \pm <.01
1998-99	<.01 \pm <.01	<.01 \pm <.01				
1999-2000	0.02 \pm 0.01	<.01 \pm <.01	<.01 \pm <.01	0.01 \pm <.01	0.00	<.01 \pm <.01
2000-01	0.02 \pm 0.02	<.01 \pm <.01	0.02 \pm 0.02	<.01 \pm <.01	0.01 \pm 0.01	0.01 \pm <.01

Table D.4. (Cont'd.)

Species Year	Area					Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
Atlantic sharpnose shark (Cont'd.)						
2001-02	0.00	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01	<.01 ± <.01
2002-03	0.00	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01
Atlantic spadefish						
1982-83 *						
1983-84		0.11 ± 0.10	<.01 ± <.01	0.00	0.00	<.01 ± <.01
1984-85		0.00	0.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01
1985-86		<.01 ± <.01	0.01 ± 0.01	<.01 ± <.01	0.00	<.01 ± <.01
1986-87		<.01 ± <.01	0.01 ± 0.01	<.01 ± <.01	0.00	<.01 ± <.01
1987-88	0.03 ± 0.03	0.03 ± 0.03	<.01 ± <.01	<.01 ± <.01	0.00	0.01 ± 0.01
1988-89	<.01 ± <.01	0.00	0.01 ± <.01	0.01 ± 0.01	0.00	0.01 ± <.01
1989-90	0.00	0.08 ± 0.08	<.01 ± <.01	<.01 ± <.01	0.00	0.01 ± <.01
1990-91	<.01 ± <.01	0.03 ± 0.03	0.03 ± 0.02	<.01 ± <.01	0.01 ± 0.01	0.03 ± 0.03
1991-92	0.01 ± 0.01	0.00	0.00	<.01 ± <.01	0.00	0.01 ± <.01
1992-93	0.01 ± 0.01	0.00	0.01 ± 0.01	<.01 ± <.01	0.01 ± 0.01	0.01 ± <.01
1993-94	0.11 ± 0.11	0.01 ± <.01	<.01 ± <.01	0.01 ± 0.01	0.01 ± 0.01	0.02 ± 0.01
1994-95	0.01 ± 0.01	0.06 ± 0.05	<.01 ± <.01	<.01 ± <.01	0.05 ± 0.03	0.02 ± 0.02
1995-96	<.01 ± <.01	0.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01
1996-97	0.05 ± 0.05	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01
1997-98	0.01 ± 0.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01
1998-99	0.00	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01
1999-2000	<.01 ± <.01	<.01 ± <.01	0.01 ± 0.01	<.01 ± <.01	0.00	<.01 ± <.01
2000-01	0.00	0.01 ± 0.01	<.01 ± <.01	<.01 ± <.01	0.00	0.01 ± <.01
2001-02	<.01 ± <.01	0.02 ± 0.01	<.01 ± <.01	0.01 ± 0.01	0.00	0.01 ± 0.01
2002-03	0.00	<.01 ± <.01	<.01 ± <.01	0.00	0.00	<.01 ± <.01
Black drum						
1982-83 *						
1983-84		0.06 ± 0.06	0.02 ± 0.01	<.01 ± <.01	0.01 ± 0.01	0.01 ± <.01
1984-85		0.00	0.03 ± 0.03	0.00	0.00	0.01 ± 0.01
1985-86		0.00	0.02 ± 0.01	<.01 ± <.01	0.00	0.01 ± 0.01
1986-87		0.00	0.05 ± 0.03	<.01 ± <.01	0.00	0.01 ± 0.01
1987-88		0.00	0.01 ± 0.01	<.01 ± <.01	0.00	0.01 ± 0.01
1988-89	0.01 ± 0.01	0.00	0.02 ± 0.01	0.00	0.00	0.01 ± 0.01
1989-90	<.01 ± <.01	0.00	0.01 ± <.01	0.00	0.00	0.01 ± 0.01
1990-91	0.01 ± 0.01	0.01 ± 0.01	0.01 ± 0.01	0.00	0.00	0.01 ± 0.01
1991-92	<.01 ± <.01	0.00	0.01 ± 0.01	<.01 ± <.01	0.00	0.01 ± 0.01
1992-93	0.08 ± 0.05	0.00	0.01 ± 0.01	<.01 ± <.01	0.00	0.01 ± 0.01
1993-94	0.02 ± 0.01	0.00	0.01 ± 0.01	<.01 ± <.01	0.00	0.01 ± 0.01
1994-95	0.03 ± 0.01	<.01 ± <.01	0.01 ± 0.01	<.01 ± <.01	<.01 ± <.01	0.01 ± 0.01
1995-96	<.01 ± <.01	0.00	0.01 ± 0.01	0.00	0.00	0.01 ± 0.01
1996-97	0.02 ± 0.01	0.01 ± 0.01	<.01 ± <.01	<.01 ± <.01	0.00	0.01 ± 0.01
1997-98	0.03 ± 0.03	0.00	0.01 ± 0.01	<.01 ± <.01	0.00	0.01 ± 0.01

Table D.4. (Cont'd.)

Species Year	Area					Lower Laguna Madre	Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Cobia (Cont'd.)							
1995-96	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01
1996-97	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01
1997-98	0.01 ± 0.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01
1998-99	0.00	0.00	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01
1999-2000	<.01 ± <.01	0.00	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01	<.01 ± <.01
2000-01	0.00	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01	<.01 ± <.01
2001-02	<.01 ± <.01	0.00	<.01 ± <.01	<.01 ± <.01	0.01 ± 0.01	<.01 ± <.01	<.01 ± <.01
2002-03	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01	<.01 ± <.01
Dolphin							
1982-83 *							
1983-84		0.00	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01	<.01 ± <.01
1984-85		0.00	0.01 ± 0.01	0.01 ± 0.01	<.01 ± <.01	<.01 ± <.01	0.01 ± <.01
1985-86		0.00	0.01 ± 0.01	0.03 ± 0.02	0.00	0.02 ± 0.01	0.02 ± 0.01
1986-87		0.00	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01	<.01 ± <.01
1987-88	0.00	0.12 ± 0.12	<.01 ± <.01	0.01 ± <.01	0.00	0.02 ± 0.01	0.02 ± 0.01
1988-89	0.00	0.01 ± 0.01	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01	<.01 ± <.01
1989-90	0.00	<.01 ± <.01	0.00	<.01 ± <.01	0.04 ± 0.04	0.04 ± 0.04	<.01 ± <.01
1990-91	<.01 ± <.01	0.03 ± 0.03	0.01 ± 0.01	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01
1991-92	0.01 ± 0.01	0.04 ± 0.04	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.02 ± 0.02	0.01 ± <.01
1992-93	0.00	0.00	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01
1993-94	0.00	<.01 ± <.01	<.01 ± <.01	0.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01
1994-95	0.00	0.01 ± 0.01	0.00	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01
1995-96	0.00	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.05 ± 0.03	0.01 ± <.01	0.01 ± <.01
1996-97	0.00	0.02 ± 0.02	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01
1997-98	0.00	0.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.00	0.01 ± <.01	0.01 ± <.01
1998-99	0.00	0.00	0.00	0.03 ± 0.02	<.01 ± <.01	<.01 ± <.01	0.01 ± <.01
1999-2000	0.00	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01	<.01 ± <.01
2000-01	0.00	0.00	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01	<.01 ± <.01
2001-02	0.00	0.00	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01	<.01 ± <.01
2002-03	0.00	0.00	0.00	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01
Gray triggerfish							
1982-83 *							
1983-84		0.00	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01	<.01 ± <.01
1984-85		0.00	0.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01
1985-86		0.00	0.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01	<.01 ± <.01
1986-87		0.00	<.01 ± <.01	0.00	0.01 ± 0.01	<.01 ± <.01	<.01 ± <.01
1987-88	0.00	0.01 ± 0.01	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01	<.01 ± <.01
1988-89	0.01 ± <.01	0.00	0.01 ± 0.01	<.01 ± <.01	0.03 ± 0.03	0.01 ± <.01	0.01 ± <.01
1989-90	0.00	0.00	0.00	0.01 ± <.01	0.03 ± 0.03	<.01 ± <.01	<.01 ± <.01
1990-91	0.01 ± 0.01	0.01 ± 0.01	0.06 ± 0.04	0.01 ± <.01	0.04 ± 0.04	0.03 ± 0.03	0.02 ± 0.01
1991-92	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.01 ± <.01	0.00	0.04 ± 0.04	0.01 ± <.01

Table D.4. (Cont'd.)

Species Year	Area					
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	Coastwide
Gray triggerfish (Cont'd.)						
1992-93	0.00	0.00	0.07 ± 0.05	0.01 ± <.01	0.01 ± <.01	0.02 ± 0.01
1993-94	0.00	0.00	0.02 ± 0.01	0.00	0.05 ± 0.04	0.01 ± 0.01
1994-95	<.01 ± <.01	0.01 ± 0.01	0.01 ± 0.01	<.01 ± <.01	0.03 ± 0.02	0.01 ± <.01
1995-96	0.00	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01
1996-97	<.01 ± <.01	<.01 ± <.01	0.02 ± 0.02	<.01 ± <.01	0.05 ± 0.05	0.01 ± <.01
1997-98	0.00	0.00	0.00	<.01 ± <.01	0.03 ± 0.01	<.01 ± <.01
1998-99	0.00	0.00	0.00	0.00	0.05 ± 0.05	<.01 ± <.01
1999-2000	0.00	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01	<.01 ± <.01
2000-01	0.00	<.01 ± <.01	0.00	0.00	0.14 ± 0.14	0.02 ± 0.02
2001-02	0.00	0.00	0.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01
2002-03	0.00	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.01 ± 0.01	<.01 ± <.01
Greater amberjack						
1982-83 ^a						
1983-84		0.00	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01
1984-85		0.00	<.01 ± <.01	0.00	0.00	<.01 ± <.01
1985-86		0.00	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01
1986-87		0.00	0.00	0.01 ± 0.01	0.00	<.01 ± <.01
1987-88		0.00	0.00	<.01 ± <.01	0.00	<.01 ± <.01
1988-89	0.00	0.00	<.01 ± <.01	0.00	0.01 ± 0.01	<.01 ± <.01
1989-90	0.00	0.00	0.00	0.00	0.00	0.00
1990-91	0.00	0.00	<.01 ± <.01	0.00	0.00	<.01 ± <.01
1991-92	0.00	0.00	0.00	<.01 ± <.01	0.00	<.01 ± <.01
1992-93	0.00	<.01 ± <.01	<.01 ± <.01	0.00	0.00	<.01 ± <.01
1993-94	0.00	0.00	0.00	0.00	0.00	0.00
1994-95	0.00	0.00	<.01 ± <.01	0.00	0.00	<.01 ± <.01
1995-96	0.00	0.00	<.01 ± <.01	0.00	0.00	<.01 ± <.01
1996-97	0.00	0.00	0.00	<.01 ± <.01	0.00	<.01 ± <.01
1997-98	0.00	0.00	0.00	0.00	0.00	0.00
1998-99	0.00	0.00	<.01 ± <.01	0.00	0.00	<.01 ± <.01
1999-2000	0.00	<.01 ± <.01	0.00	0.00	0.00	<.01 ± <.01
2000-01	0.00	<.01 ± <.01	<.01 ± <.01	0.00	0.00	<.01 ± <.01
2001-02	0.00	0.00	0.00	0.00	0.00	0.00
2002-03	0.00	0.00	0.00	0.00	0.00	0.00
King mackerel						
1982-83						
1983-84		0.19 ± 0.17	0.05 ± 0.02	0.06 ± 0.02	0.04 ± 0.03	0.07 ± 0.03
1984-85		0.00	0.03 ± 0.02	0.08 ± 0.04	0.04 ± 0.04	0.07 ± 0.02
1985-86		0.00	0.04 ± 0.01	0.09 ± 0.04	0.11 ± 0.06	0.07 ± 0.02
1986-87		0.04 ± 0.02	0.04 ± 0.01	0.06 ± 0.02	0.02 ± 0.02	0.05 ± 0.01
1987-88	0.00	0.05 ± 0.03	0.02 ± 0.01	0.05 ± 0.02	0.06 ± 0.05	0.04 ± 0.01
1988-89	0.00	0.07 ± 0.05	0.02 ± 0.01	0.05 ± 0.02	0.00	0.04 ± 0.01
		0.02 ± 0.02	0.04 ± 0.01	0.06 ± 0.02	0.03 ± 0.02	0.04 ± 0.01

Table D.4. (Cont'd.)

Species Year	Area					
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	Coastwide
King mackerel (Cont'd.)						
1989-90	0.00	0.02 ± 0.02	0.02 ± 0.01	0.04 ± 0.01	0.04 ± 0.04	0.03 ± 0.01
1990-91	<.01 ± <.01	0.03 ± 0.02	0.02 ± 0.01	0.03 ± 0.01	0.04 ± 0.03	0.02 ± <.01
1991-92	<.01 ± <.01	0.09 ± 0.08	0.03 ± 0.01	0.05 ± 0.02	0.04 ± 0.03	0.05 ± 0.03
1992-93	0.01 ± <.01	0.07 ± 0.04	0.04 ± 0.01	0.08 ± 0.03	0.08 ± 0.05	0.06 ± 0.01
1993-94	<.01 ± <.01	0.03 ± 0.02	0.04 ± 0.02	0.10 ± 0.05	0.01 ± 0.01	0.04 ± 0.01
1994-95	0.00	0.02 ± 0.01	0.02 ± 0.01	0.05 ± 0.02	0.04 ± 0.02	0.03 ± 0.01
1995-96	<.01 ± <.01	0.04 ± 0.02	0.02 ± 0.01	0.13 ± 0.06	0.09 ± 0.05	0.05 ± 0.01
1996-97	0.00	0.05 ± 0.03	0.02 ± 0.01	0.07 ± 0.03	0.05 ± 0.03	0.04 ± 0.02
1997-98	0.00	0.05 ± 0.02	0.03 ± 0.01	0.09 ± 0.03	0.04 ± 0.02	0.05 ± 0.01
1998-99	0.00	0.01 ± <.01	0.01 ± 0.01	0.11 ± 0.05	0.02 ± 0.01	0.03 ± 0.01
1999-2000	0.01 ± 0.01	0.01 ± <.01	<.01 ± <.01	0.06 ± 0.03	0.02 ± 0.01	0.02 ± 0.01
2000-01	0.00	0.03 ± 0.02	0.01 ± 0.01	0.05 ± 0.02	0.04 ± 0.03	0.03 ± 0.01
2001-02	0.00	0.01 ± 0.01	0.01 ± 0.01	0.03 ± 0.01	0.02 ± 0.01	0.03 ± <.01
2002-03	<.01 ± <.01	<.01 ± <.01	0.01 ± <.01	0.10 ± 0.06	0.02 ± 0.01	0.02 ± 0.01
Lane snapper						
1982-83 *						0.00
1983-84		0.00	0.00	0.00	0.00	<.01 ± <.01
1984-85		0.00	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01
1985-86		0.00	<.01 ± <.01	0.00	0.00	<.01 ± <.01
1986-87		0.00	0.00	<.01 ± <.01	0.00	<.01 ± <.01
1987-88	0.00	0.00	<.01 ± <.01	0.00	0.00	<.01 ± <.01
1988-89	0.00	0.00	0.00	0.00	0.00	0.00
1989-90	0.00	0.00	0.00	0.00	0.00	0.00
1990-91	0.00	0.03 ± 0.03	0.01 ± 0.01	0.00	0.00	<.01 ± <.01
1991-92	0.00	0.00	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01
1992-93	0.00	0.00	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01
1993-94	0.00	0.00	<.01 ± <.01	0.00	0.00	<.01 ± <.01
1994-95	0.00	0.00	<.01 ± <.01	0.00	0.00	<.01 ± <.01
1995-96	0.00	0.01 ± 0.01	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01
1996-97	0.00	0.00	<.01 ± <.01	0.00	0.00	<.01 ± <.01
1997-98	0.00	0.00	<.01 ± <.01	0.00	0.00	<.01 ± <.01
1998-99	0.00	0.00	<.01 ± <.01	0.00	0.00	<.01 ± <.01
1999-2000	0.00	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01
2000-01	0.00	0.00	0.00	<.01 ± <.01	0.00	<.01 ± <.01
2001-02	0.00	0.00	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01
2002-03	0.00	0.00	0.00	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01
Little tunny						
1982-83 *						0.00
1983-84		0.00	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01
1984-85		0.00	0.00	<.01 ± <.01	0.01 ± 0.01	<.01 ± <.01
1985-86		0.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01

Table D.4. (Cont'd.)

Species Year	Area					Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
Little tunny (Cont'd.)						
1986-87		<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01
1987-88	0.00	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01
1988-89	0.00	0.00	0.00	<.01 ± <.01	0.00	<.01 ± <.01
1989-90	0.00	0.00	0.00	<.01 ± <.01	0.01 ± 0.01	<.01 ± <.01
1990-91	0.00	0.00	<.01 ± <.01	0.00	<.01 ± <.01	<.01 ± <.01
1991-92	<.01 ± <.01	0.01 ± 0.01	<.01 ± <.01	<.01 ± <.01	0.01 ± 0.01	0.01 ± <.01
1992-93	0.02 ± 0.02	0.01 ± 0.01	<.01 ± <.01	<.01 ± <.01	0.01 ± 0.01	0.01 ± <.01
1993-94	0.00	0.00	0.00	0.00	<.01 ± <.01	<.01 ± <.01
1994-95	0.00	0.00	0.00	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01
1995-96	<.01 ± <.01	<.01 ± <.01	0.00	0.00	0.01 ± 0.01	<.01 ± <.01
1996-97	0.00	<.01 ± <.01	0.00	<.01 ± <.01	0.00	<.01 ± <.01
1997-98	0.00	0.00	0.00	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01
1998-99	0.00	0.00	0.00	<.01 ± <.01	0.02 ± 0.01	<.01 ± <.01
1999-2000	0.00	0.00	0.00	<.01 ± <.01	0.00	<.01 ± <.01
2000-01	0.00	<.01 ± <.01	0.00	<.01 ± <.01	0.00	<.01 ± <.01
2001-02	0.00	<.01 ± <.01	0.00	<.01 ± <.01	0.00	<.01 ± <.01
2002-03	0.00	0.00	0.00	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01
Red drum						
1982-83		0.00	0.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01
1983-84		0.00	0.02 ± 0.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01
1984-85		0.00	0.01 ± <.01	0.01 ± 0.01	<.01 ± <.01	<.01 ± <.01
1985-86		0.00	0.01 ± <.01	0.00	0.00	<.01 ± <.01
1986-87		0.00	0.05 ± 0.02	<.01 ± <.01	0.00	<.01 ± <.01
1987-88	0.01 ± 0.01	0.00	0.02 ± 0.01	0.00	0.00	0.01 ± <.01
1988-89	0.01 ± 0.01	0.00	0.01 ± <.01	0.00	0.00	0.01 ± <.01
1989-90	0.00	<.01 ± <.01	0.02 ± 0.01	<.01 ± <.01	0.00	<.01 ± <.01
1990-91	0.01 ± 0.01	<.01 ± <.01	0.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01
1991-92	<.01 ± <.01	0.00	0.02 ± 0.01	0.01 ± 0.01	0.00	0.01 ± <.01
1992-93	0.02 ± 0.02	<.01 ± <.01	0.01 ± <.01	<.01 ± <.01	0.00	0.01 ± <.01
1993-94	0.02 ± 0.01	0.01 ± 0.01	0.01 ± 0.01	<.01 ± <.01	0.00	0.01 ± <.01
1994-95	0.02 ± 0.01	<.01 ± <.01	0.01 ± <.01	0.01 ± <.01	0.00	0.01 ± <.01
1995-96	<.01 ± <.01	0.02 ± 0.01	0.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01
1996-97	0.02 ± 0.01	<.01 ± <.01	0.02 ± 0.02	<.01 ± <.01	0.00	0.01 ± <.01
1997-98	0.02 ± 0.01	<.01 ± <.01	0.03 ± 0.01	<.01 ± <.01	0.00	0.01 ± <.01
1998-99	0.04 ± 0.03	0.02 ± 0.01	0.03 ± 0.02	<.01 ± <.01	0.00	0.01 ± <.01
1999-2000	0.02 ± 0.01	0.01 ± 0.01	0.03 ± 0.02	<.01 ± <.01	0.00	0.02 ± 0.01
2000-01	0.01 ± 0.01	<.01 ± <.01	0.02 ± 0.01	0.02 ± 0.01	0.00	0.02 ± <.01
2001-02	0.01 ± <.01	0.01 ± <.01	0.02 ± 0.01	<.01 ± <.01	0.00	0.01 ± <.01
2002-03	0.02 ± 0.02	0.02 ± 0.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.01 ± <.01

Table D.4. (Cont'd.)

Species Year	Area						Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Red snapper							
1982-83		0.02 ± 0.02	0.14 ± 0.08	<.01 ± <.01	0.21 ± 0.12	0.07 ± 0.03	
1983-84		0.02 ± 0.02	0.08 ± 0.04	0.03 ± 0.02	0.29 ± 0.14	0.06 ± 0.02	
1984-85		0.00	0.02 ± 0.01	<.01 ± <.01	0.02 ± 0.02	0.01 ± <.01	
1985-86		0.00	0.07 ± 0.04	0.01 ± <.01	0.15 ± 0.10	0.03 ± 0.01	
1986-87		0.00	0.03 ± 0.02	<.01 ± <.01	0.20 ± 0.20	0.01 ± 0.01	
1987-88	0.01 ± 0.01	0.03 ± 0.03	0.04 ± 0.02	<.01 ± <.01	0.07 ± 0.06	0.02 ± 0.01	
1988-89	0.04 ± 0.04	0.03 ± 0.02	0.10 ± 0.03	<.01 ± <.01	0.19 ± 0.15	0.05 ± 0.01	
1989-90	0.00	0.02 ± 0.01	0.00	0.02 ± 0.01	0.31 ± 0.26	0.04 ± 0.02	
1990-91	0.09 ± 0.09	0.15 ± 0.14	0.04 ± 0.02	0.03 ± 0.02	0.40 ± 0.38	0.07 ± 0.03	
1991-92	0.07 ± 0.04	<.01 ± <.01	0.07 ± 0.03	0.01 ± 0.01	0.05 ± 0.05	0.03 ± 0.01	
1992-93	0.03 ± 0.03	0.03 ± 0.03	0.03 ± 0.01	0.01 ± 0.01	0.31 ± 0.14	0.04 ± 0.01	
1993-94	0.02 ± 0.02	0.04 ± 0.02	0.08 ± 0.05	0.01 ± 0.01	0.38 ± 0.16	0.08 ± 0.02	
1994-95	0.01 ± 0.01	0.03 ± 0.02	0.09 ± 0.03	<.01 ± <.01	0.41 ± 0.17	0.08 ± 0.02	
1995-96	0.08 ± 0.04	0.05 ± 0.02	0.06 ± 0.02	<.01 ± <.01	0.38 ± 0.20	0.07 ± 0.02	
1996-97	0.08 ± 0.07	0.02 ± 0.01	0.08 ± 0.04	<.01 ± <.01	0.18 ± 0.15	0.04 ± 0.01	
1997-98	0.03 ± 0.03	0.04 ± 0.03	0.02 ± 0.01	<.01 ± <.01	0.34 ± 0.17	0.06 ± 0.02	
1998-99	0.03 ± 0.02	0.01 ± <.01	0.01 ± <.01	<.01 ± <.01	0.26 ± 0.12	0.02 ± 0.01	
1999-2000	0.08 ± 0.07	0.01 ± <.01	0.01 ± 0.01	0.01 ± <.01	0.33 ± 0.13	0.05 ± 0.01	
2000-01	0.01 ± 0.01	0.03 ± 0.02	<.01 ± <.01	0.00	0.36 ± 0.18	0.05 ± 0.02	
2001-02	0.00	0.01 ± 0.01	0.04 ± 0.02	0.02 ± 0.01	0.22 ± 0.11	0.04 ± 0.01	
2002-03	0.01 ± 0.01	0.02 ± 0.02	0.01 ± 0.01	0.01 ± <.01	0.32 ± 0.10	0.05 ± 0.01	
Sand seatrout							
1982-83		<.01 ± <.01	0.83 ± 0.46	0.05 ± 0.03	0.06 ± 0.04	0.25 ± 0.12	
1983-84		0.00	0.76 ± 0.44	<.01 ± <.01	0.00	0.13 ± 0.08	
1984-85		0.00	0.44 ± 0.29	0.01 ± 0.01	0.00	0.13 ± 0.08	
1985-86		0.12 ± 0.11	0.44 ± 0.29	0.01 ± <.01	<.01 ± <.01	0.15 ± 0.09	
1986-87		0.02 ± 0.02	0.47 ± 0.31	0.00	0.00	0.13 ± 0.08	
1987-88	0.08 ± 0.06	0.00	0.03 ± 0.03	0.02 ± 0.01	0.00	0.03 ± 0.01	
1988-89	0.26 ± 0.23	0.00	0.08 ± 0.07	<.01 ± <.01	0.00	0.04 ± 0.03	
1989-90	0.04 ± 0.04	<.01 ± <.01	0.13 ± 0.11	<.01 ± <.01	0.00	0.02 ± 0.01	
1990-91	0.35 ± 0.13	0.03 ± 0.02	0.06 ± 0.04	0.00	0.00	0.08 ± 0.01	
1991-92	0.10 ± 0.05	0.00	0.07 ± 0.06	0.01 ± 0.01	0.00	0.03 ± 0.01	
1992-93	0.34 ± 0.29	0.00	0.02 ± 0.01	<.01 ± <.01	0.00	0.04 ± 0.03	
1993-94	0.34 ± 0.22	0.09 ± 0.07	<.01 ± <.01	0.00	0.00	0.06 ± 0.03	
1994-95	0.36 ± 0.32	0.08 ± 0.06	0.01 ± 0.01	<.01 ± <.01	<.01 ± <.01	0.06 ± 0.03	
1995-96	0.07 ± 0.06	0.01 ± 0.01	0.03 ± 0.02	<.01 ± <.01	<.01 ± <.01	0.02 ± 0.01	
1996-97	0.08 ± 0.05	0.02 ± 0.01	0.03 ± 0.02	<.01 ± <.01	0.00	0.02 ± 0.01	
1997-98	0.06 ± 0.04	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01	
1998-99	0.19 ± 0.17	0.05 ± 0.04	0.02 ± 0.01	<.01 ± <.01	0.00	0.03 ± 0.02	
1999-2000	0.26 ± 0.25	0.06 ± 0.05	0.01 ± 0.01	0.02 ± 0.02	0.00	0.04 ± 0.03	
2000-01	0.05 ± 0.05	0.01 ± 0.01	0.02 ± 0.01	<.01 ± <.01	0.00	0.01 ± 0.01	

Table D.4. (Cont'd.)

Species Year	Area					Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
Sand seatrout (Cont'd.)						
2001-02	0.02 ± 0.02	0.02 ± 0.01	0.01 ± 0.01	<.01 ± <.01	<.01 ± <.01	0.01 ± 0.01
2002-03	0.01 ± 0.01	0.03 ± 0.02	0.01 ± 0.01	0.01 ± <.01	0.00	0.02 ± 0.01
1982-83		0.03 ± 0.02	0.01 ± 0.01	0.01 ± 0.01	0.00	0.01 ± <.01
1983-84		0.00	0.01 ± 0.01	0.01 ± <.01	0.00	0.01 ± <.01
1984-85		0.00	<.01 ± <.01	<.01 ± <.01	0.04 ± 0.04	<.01 ± <.01
1985-86		0.01 ± 0.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01
1986-87		0.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.01 ± 0.01	<.01 ± <.01
1987-88	0.01 ± 0.01	0.01 ± <.01	0.01 ± <.01	0.04 ± 0.02	0.02 ± 0.02	0.02 ± 0.01
1988-89	0.01 ± 0.01	0.00	0.01 ± 0.01	<.01 ± <.01	0.01 ± 0.01	0.01 ± <.01
1989-90	0.01 ± 0.01	0.03 ± 0.02	<.01 ± <.01	<.01 ± <.01	0.02 ± 0.02	0.01 ± 0.01
1990-91	0.01 ± 0.01	0.03 ± 0.02	0.01 ± <.01	0.01 ± <.01	0.05 ± 0.04	0.01 ± <.01
1991-92	0.03 ± 0.01	0.01 ± 0.01	<.01 ± <.01	0.03 ± 0.01	0.01 ± 0.01	0.02 ± 0.01
1992-93	0.02 ± 0.01	0.01 ± 0.01	<.01 ± <.01	0.01 ± <.01	0.02 ± 0.02	0.01 ± <.01
1993-94	0.03 ± 0.01	<.01 ± <.01	<.01 ± <.01	0.01 ± 0.01	0.01 ± <.01	0.01 ± <.01
1994-95	0.01 ± 0.01	0.03 ± 0.02	<.01 ± <.01	0.01 ± 0.01	<.01 ± <.01	0.01 ± <.01
1995-96	0.03 ± 0.02	0.03 ± 0.01	0.01 ± 0.01	0.03 ± 0.02	<.01 ± <.01	0.02 ± 0.01
1996-97	0.06 ± 0.05	0.02 ± 0.01	0.01 ± 0.01	0.01 ± 0.01	<.01 ± <.01	0.02 ± 0.01
1997-98	0.02 ± 0.01	0.04 ± 0.04	<.01 ± <.01	0.01 ± 0.01	<.01 ± <.01	0.01 ± <.01
1998-99	<.01 ± <.01	0.03 ± 0.02	0.01 ± <.01	<.01 ± <.01	0.00	0.01 ± 0.01
1999-2000	0.02 ± 0.01	0.01 ± <.01	0.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.02 ± 0.01
2000-01	0.01 ± 0.01	0.01 ± 0.01	<.01 ± <.01	0.02 ± 0.01	<.01 ± <.01	<.01 ± <.01
2001-02	<.01 ± <.01	0.01 ± <.01	<.01 ± <.01	0.01 ± 0.01	0.01 ± <.01	0.01 ± <.01
2002-03	0.01 ± <.01	0.02 ± 0.01	<.01 ± <.01	<.01 ± <.01	0.01 ± 0.01	0.01 ± 0.01
Spotted seatrout						
1982-83		0.04 ± 0.04	0.07 ± 0.03	<.01 ± <.01	0.01 ± 0.01	0.03 ± 0.01
1983-84		0.00	0.22 ± 0.12	<.01 ± <.01	0.01 ± 0.01	0.04 ± 0.02
1984-85		0.04 ± 0.04	0.02 ± 0.01	<.01 ± <.01	<.01 ± <.01	0.01 ± <.01
1985-86		0.00	0.03 ± 0.01	<.01 ± <.01	0.01 ± 0.01	0.01 ± <.01
1986-87		0.10 ± 0.09	0.11 ± 0.08	<.01 ± <.01	0.00	0.05 ± 0.03
1987-88	0.14 ± 0.08	0.11 ± 0.10	0.07 ± 0.03	<.01 ± <.01	0.00	0.05 ± 0.02
1988-89	0.03 ± 0.02	0.00	0.03 ± 0.01	<.01 ± <.01	0.02 ± 0.02	0.01 ± <.01
1989-90	0.09 ± 0.06	0.00	<.01 ± <.01	0.00	0.00	<.01 ± <.01
1990-91	0.07 ± 0.07	0.01 ± 0.01	0.01 ± 0.01	0.00	0.00	0.02 ± 0.01
1991-92	0.05 ± 0.03	0.00	0.07 ± 0.03	<.01 ± <.01	0.00	0.02 ± 0.01
1992-93	0.02 ± 0.02	0.02 ± 0.02	0.23 ± 0.07	0.09 ± 0.06	<.01 ± <.01	0.09 ± 0.03
1993-94	0.15 ± 0.09	0.17 ± 0.15	0.25 ± 0.14	<.01 ± <.01	0.05 ± 0.05	0.12 ± 0.06
1994-95	0.11 ± 0.06	0.03 ± 0.02	0.27 ± 0.08	<.01 ± <.01	0.01 ± 0.01	0.06 ± 0.02
1995-96	0.18 ± 0.11	0.01 ± <.01	0.26 ± 0.08	<.01 ± <.01	0.03 ± 0.02	0.09 ± 0.02
1996-97	0.21 ± 0.12	0.02 ± 0.02	0.11 ± 0.07	<.01 ± <.01	0.02 ± 0.02	0.04 ± 0.02
1997-98	0.34 ± 0.27	0.02 ± 0.01	0.25 ± 0.08	0.03 ± 0.02	<.01 ± <.01	0.09 ± 0.02

Table D.4. (Cont'd.)

Species Year	Area						Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Spotted seatrout (Cont'd.)							
1998-99	0.14 ± 0.08	0.03 ± 0.02	0.25 ± 0.11	0.01 ± 0.01	0.00	0.07 ± 0.02	0.07 ± 0.02
1999-2000	0.08 ± 0.05	0.08 ± 0.06	0.25 ± 0.09	0.07 ± 0.01	0.01 ± 0.01	0.01 ± 0.01	0.10 ± 0.03
2000-01	0.29 ± 0.20	0.01 ± 0.01	0.36 ± 0.20	0.01 ± 0.01	0.00	0.00	0.10 ± 0.04
2001-02	0.50 ± 0.36	0.07 ± 0.04	0.22 ± 0.09	0.02 ± 0.01	0.00	0.00	0.12 ± 0.04
2002-03	0.17 ± 0.10	0.07 ± 0.04	0.24 ± 0.10	<.01 ± <.01	0.03 ± 0.02	0.09 ± 0.03	0.09 ± 0.03
Vermilion snapper							
1982-83 ^a							
1983-84		0.00	0.00	0.00	0.00	0.00	0.00
1984-85		0.00	0.00	0.00	0.00	0.00	0.00
1985-86		0.00	0.00	0.00	0.00	0.00	0.00
1986-87		0.00	0.00	0.00	0.00	0.00	0.00
1987-88	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1988-89	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1989-90	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1990-91	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991-92	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1992-93	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1993-94	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1994-95	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1995-96	0.00	<.01 ± <.01	<.01 ± <.01	0.00	0.00	<.01 ± <.01	<.01 ± <.01
1996-97	0.00	<.01 ± <.01	0.00	0.00	0.00	<.01 ± <.01	<.01 ± <.01
1997-98	0.00	0.00	<.01 ± <.01	<.01 ± <.01	0.00	0.00	<.01 ± <.01
1998-99	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1999-2000	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000-01	0.00	<.01 ± <.01	0.00	0.00	0.00	<.01 ± <.01	<.01 ± <.01
2001-02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2002-03	0.00	0.00	0.00	<.01 ± <.01	0.00	<.01 ± <.01	<.01 ± <.01
Other species							
1982-83							
1983-84		0.05 ± 0.04	0.04 ± 0.02	0.04 ± 0.01	0.02 ± 0.01	0.02 ± 0.01	0.04 ± 0.01
1984-85		0.02 ± 0.02	0.07 ± 0.03	0.02 ± 0.01	0.02 ± 0.01	0.03 ± 0.03	0.03 ± 0.01
1985-86		0.04 ± 0.03	0.06 ± 0.03	0.03 ± 0.03	0.03 ± 0.03	0.01 ± <.01	0.04 ± 0.02
1986-87		0.01 ± <.01	0.11 ± 0.07	0.01 ± 0.01	0.01 ± 0.01	0.02 ± 0.01	0.04 ± 0.02
1987-88	0.05 ± 0.03	0.03 ± 0.03	0.06 ± 0.02	0.01 ± <.01	0.01 ± <.01	0.03 ± 0.01	0.03 ± 0.01
1988-89	0.05 ± 0.02	0.08 ± 0.06	0.07 ± 0.03	0.01 ± <.01	0.06 ± 0.05	0.04 ± 0.01	0.04 ± 0.01
1989-90	0.05 ± 0.03	0.12 ± 0.12	0.06 ± 0.02	0.01 ± <.01	0.02 ± 0.02	0.05 ± 0.02	0.05 ± 0.02
1990-91	0.05 ± 0.03	0.01 ± 0.01	0.04 ± 0.02	0.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.01 ± <.01
1991-92	0.09 ± 0.04	0.13 ± 0.12	0.07 ± 0.03	0.01 ± 0.01	0.02 ± 0.01	0.05 ± 0.02	0.05 ± 0.02
1992-93	0.07 ± 0.04	<.01 ± <.01	0.12 ± 0.05	0.01 ± 0.01	0.00	0.04 ± 0.01	0.04 ± 0.01
1993-94	0.04 ± 0.02	0.01 ± 0.01	0.03 ± 0.01	<.01 ± <.01	0.05 ± 0.03	0.02 ± 0.01	0.04 ± 0.01
1994-95	0.06 ± 0.04	0.05 ± 0.03	0.03 ± 0.02	<.01 ± <.01	0.04 ± 0.03	0.03 ± 0.01	0.03 ± 0.01

Table D.4. (Cont'd.)

Species Year	Area						Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Other species (Cont'd.)							
1995-96	0.09 ± 0.06	0.03 ± 0.01	0.03 ± 0.01	0.01 ± 0.01	0.01 ± 0.01	0.01 ± 0.01	0.03 ± 0.01
1996-97	0.06 ± 0.04	0.03 ± 0.02	0.03 ± 0.02	0.03 ± 0.02	<.01 ± <.01	<.01 ± <.01	0.03 ± 0.02
1997-98	0.12 ± 0.10	0.02 ± 0.01	0.02 ± 0.01	0.02 ± 0.01	0.02 ± 0.01	0.02 ± 0.01	0.02 ± 0.01
1998-99	0.04 ± 0.03	0.04 ± 0.02	0.02 ± 0.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.02 ± 0.01
1999-2000	0.08 ± 0.06	0.05 ± 0.02	0.05 ± 0.02	0.02 ± 0.01	0.03 ± 0.01	0.03 ± 0.01	0.04 ± 0.01
2000-01	0.04 ± 0.04	0.03 ± 0.02	0.05 ± 0.02	<.01 ± <.01	0.01 ± 0.01	0.01 ± 0.01	0.03 ± 0.01
2001-02	0.02 ± 0.01	0.17 ± 0.10	0.04 ± 0.02	0.01 ± 0.01	0.03 ± 0.02	0.03 ± 0.02	0.09 ± 0.05
2002-03	0.03 ± 0.02	0.08 ± 0.04	0.05 ± 0.02	0.01 ± <.01	0.04 ± 0.02	0.04 ± 0.02	0.06 ± 0.02
All species combined ^b							
1982-83		0.35 ± 0.28	1.16 ± 0.53	0.17 ± 0.06	0.38 ± 0.19	0.38 ± 0.19	0.48 ± 0.15
1983-84		0.22 ± 0.16	1.26 ± 0.51	0.15 ± 0.06	0.40 ± 0.17	0.40 ± 0.17	0.37 ± 0.11
1984-85		0.09 ± 0.07	0.64 ± 0.32	0.15 ± 0.05	0.21 ± 0.10	0.21 ± 0.10	0.29 ± 0.09
1985-86		0.23 ± 0.18	0.76 ± 0.36	0.14 ± 0.04	0.20 ± 0.11	0.20 ± 0.11	0.34 ± 0.11
1986-87		0.22 ± 0.16	0.81 ± 0.36	0.10 ± 0.03	0.35 ± 0.27	0.35 ± 0.27	0.32 ± 0.11
1987-88	0.45 ± 0.22	0.47 ± 0.34	0.29 ± 0.11	0.17 ± 0.05	0.16 ± 0.13	0.16 ± 0.13	0.28 ± 0.06
1988-89	0.43 ± 0.28	0.18 ± 0.14	0.39 ± 0.12	0.11 ± 0.03	0.31 ± 0.21	0.31 ± 0.21	0.23 ± 0.05
1989-90	0.18 ± 0.12	0.16 ± 0.10	0.24 ± 0.12	0.09 ± 0.03	0.44 ± 0.31	0.44 ± 0.31	0.16 ± 0.04
1990-91	0.63 ± 0.29	0.64 ± 0.42	0.36 ± 0.11	0.09 ± 0.03	0.55 ± 0.45	0.55 ± 0.45	0.33 ± 0.07
1991-92	0.41 ± 0.16	0.16 ± 0.14	0.42 ± 0.12	0.16 ± 0.05	0.13 ± 0.08	0.13 ± 0.08	0.24 ± 0.09
1992-93	0.65 ± 0.37	0.17 ± 0.09	0.49 ± 0.12	0.24 ± 0.10	0.45 ± 0.20	0.45 ± 0.20	0.35 ± 0.07
1993-94	0.74 ± 0.34	0.40 ± 0.23	0.45 ± 0.22	0.15 ± 0.07	0.62 ± 0.24	0.62 ± 0.24	0.40 ± 0.11
1994-95	0.63 ± 0.37	0.34 ± 0.15	0.49 ± 0.13	0.08 ± 0.04	0.59 ± 0.21	0.59 ± 0.21	0.33 ± 0.07
1995-96	0.48 ± 0.20	0.22 ± 0.07	0.45 ± 0.12	0.19 ± 0.08	0.53 ± 0.25	0.53 ± 0.25	0.32 ± 0.05
1996-97	0.62 ± 0.34	0.34 ± 0.21	0.35 ± 0.15	0.14 ± 0.05	0.32 ± 0.22	0.32 ± 0.22	0.33 ± 0.14
1997-98	0.68 ± 0.39	0.17 ± 0.09	0.39 ± 0.11	0.18 ± 0.06	0.44 ± 0.20	0.44 ± 0.20	0.29 ± 0.06
1998-99	0.50 ± 0.32	0.22 ± 0.11	0.37 ± 0.14	0.15 ± 0.06	0.36 ± 0.17	0.36 ± 0.17	0.25 ± 0.07
1999-2000	0.64 ± 0.32	0.25 ± 0.10	0.39 ± 0.12	0.21 ± 0.08	0.41 ± 0.15	0.41 ± 0.15	0.30 ± 0.06
2000-01	0.42 ± 0.29	0.17 ± 0.07	0.50 ± 0.23	0.11 ± 0.04	0.57 ± 0.32	0.57 ± 0.32	0.28 ± 0.07
2001-02	0.57 ± 0.39	0.34 ± 0.14	0.37 ± 0.13	0.14 ± 0.06	0.30 ± 0.14	0.30 ± 0.14	0.33 ± 0.08
2002-03	0.28 ± 0.14	0.26 ± 0.11	0.34 ± 0.12	0.14 ± 0.07	0.45 ± 0.13	0.45 ± 0.13	0.28 ± 0.07

^a This species included in "other" species in this year.

^b Due to rounding of numbers, these totals may not exactly equal sum of individual totals.

Table D.5. Estimated annual mean total lengths of fishes (mm/fish) \pm 1 SE caught by private-boat anglers in the TTS by area, species, and year (1983-2003). Blank mean values indicate no fish measured. Blank standard errors indicate fish measured on only one survey day.

Species Year	Area						Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Atlantic croaker							
1983-84			285				285
1984-85		253	288 \pm 12	208			286 \pm 12
1985-86		234	269 \pm 16				263 \pm 16
1986-87			255				255
1987-88	250 \pm 19		260	278			251 \pm 19
1988-89	242 \pm 41		239	284 \pm 5			271 \pm 8
1989-90				225			225
1990-91	251	284	241 \pm 14	264			277 \pm 2
1991-92	227		230				229
1992-93	234 \pm 47		229				232 \pm 47
1993-94	211				286		246
1994-95	228	173 \pm 2	256				199 \pm 2
1995-96	213	194 \pm 36	211				208 \pm 12
1996-97	195	190	247				191
1997-98	263 \pm 2	249	277 \pm 11				271 \pm 9
1998-99	276	241 \pm 2	255	222			247 \pm 2
1999-2000	146	271	277 \pm 12				237 \pm 5
2000-01			236				236
2001-02	224	229 \pm 6	354				230 \pm 6
2002-03	359	254 \pm 8					259 \pm 8
Atlantic sharpnose shark							
1983-84			1010				967 \pm <1
1984-85			651 \pm 85	958 \pm <1			532 \pm 111
1985-86		893	842 \pm 74	500 \pm 142			892 \pm 35
1986-87		919 \pm 13	954 \pm 26	913 \pm 39			954 \pm 17
1987-88	761	954	790 \pm 70	936 \pm 16			906 \pm 21
1988-89	805 \pm 40		930 \pm 14	928 \pm 11			916 \pm 9
1989-90		523	934 \pm 38	942 \pm 25			924 \pm 22
1990-91		982	720 \pm 32	930			736 \pm 32
1991-92			688 \pm 140				688 \pm 140
1992-93	615	938	935 \pm 33	962 \pm 21			937 \pm 20
1993-94		934	927 \pm 35	875 \pm 128			912 \pm 47
1994-95	911 \pm 3	785	796 \pm 57	922 \pm 36	983		875 \pm 24
1995-96	738 \pm 22	957	768 \pm 127	868 \pm 64			853 \pm 39
1996-97	768 \pm 108	966 \pm 11	927 \pm 9	944 \pm 11			943 \pm 9
1997-98	940		800	944			916
1998-99	766	887 \pm 82	944 \pm 53	982 \pm 21			950 \pm 23
1999-2000	881 \pm 85	931 \pm 4	1059	940 \pm 27	989 \pm 66		950 \pm 24
2000-01	944 \pm <1	992 \pm 47	800	940			914
2001-02		794 \pm 137	680 \pm 1	814 \pm 59	932		914 \pm 29
2002-03		938 \pm 3	669	916 \pm 48	1055		803 \pm 82
					874		896 \pm 22

Table D.5. (Cont'd.)

Species Year	Area						Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Atlantic spadefish							
1983-84		230	385				269
1984-85			317 ± 14				329 ± 14
1985-86		335	283 ± 2		364	446	264 ± 5
1986-87		487	381		238 ± 12		380
1987-88	386	372	391		241		378
1988-89	269		365 ± 9		331 ± 3		334 ± 3
1989-90		356	260		281		342
1990-91	362	399	373 ± 10		377	280	373 ± 10
1991-92	254 ± 8	265			303 ± 73		264 ± 15
1992-93	273				384	296	369 ± 6
1993-94	328 ± 10	363	394 ± 6		275	313 ± 16	327 ± 8
1994-95	239 ± 25	250 ± 1	328 ± 46		461 ± 28	351	275 ± 6
1995-96	387	376 ± 27	410 ± 10		368 ± 7		369 ± 12
1996-97	261 ± 15	374 ± 16	353 ± 21		394		336 ± 8
1997-98	323		396 ± 7			374	336
1998-99		361	450 ± <1		394 ± 12		421 ± 3
1999-2000	298	357 ± 18	455 ± 2		386 ± 18		377 ± 12
2000-01		354 ± 8	483		430		393 ± 8
2001-02	254	321	453		359 ± 36		366 ± 15
2002-03			508		323		357
Black drum							
1983-84			428			478	434
1984-85			605 ± 22				605 ± 22
1985-86			586 ± 29		595		589 ± 21
1986-87			577 ± 5		525		576 ± 5
1987-88	447 ± 1		578 ± 7		835		549 ± 4
1988-89	459 ± 92		581 ± 14				577 ± 14
1989-90		623	571				581
1990-91	482	465	592 ± 36				574 ± 36
1991-92	464		483 ± 19		692		489 ± 16
1992-93	510 ± 7		590 ± 13		545		559 ± 9
1993-94	523 ± 1	582	621 ± 52		652	395	548 ± 13
1994-95	581 ± 5		562 ± 28				576 ± 7
1995-96	461 ± 13	579 ± 10	507				526 ± 8
1996-97	593 ± 9	552 ± 10	516				555 ± 8
1997-98	525 ± 23		517 ± 19		537		550 ± 11
1998-99	551	475	558		648 ± <1		544
1999-2000	528	526	508		695		540 ± 8
2000-01			508				508
2001-02	529 ± 10	472 ± 27	513 ± 9				508 ± 8
2002-03	487	542 ± 32	594 ± 32		676		543 ± 24

Table D.5. (Cont'd.)

Species Year	Area					Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
Blacktip shark						
1983-84			1224	688 ± 85	920	969 ± 85
1984-85			840	919 ± 30		919 ± 30
1985-86			775	1031		967
1986-87				1038 ± 46		1016 ± 46
1987-88	505 ± 118		951 ± 77	847		769 ± 66
1988-89	1128		936 ± 67	980 ± 38		964 ± 40
1989-90			644 ± 12	758		655 ± 12
1990-91		1020	806	875 ± 60		872 ± 34
1991-92	737 ± 21		754 ± 69	1239		769 ± 37
1992-93	841		586 ± 9	668 ± 45		627 ± 18
1993-94	1007		650 ± 6	1585		741 ± 6
1994-95	1065 ± 327		759 ± 119	1285		855 ± 174
1995-96	799	838	802 ± 60	1325		935 ± 23
1996-97	829	1173 ± 35	623 ± 4	907 ± 194		819 ± 52
1997-98	1127 ± 12	1061	659 ± 12		1235	875 ± 9
1998-99		1081 ± 161	676 ± 28	1527 ± 122	1053	912 ± 52
1999-2000	725	1087 ± 182	672 ± 48		1180	799 ± 55
2000-01		1250 ± 47	519	1355 ± 129	1623	1097 ± 32
2001-02		993	717 ± 6	1799		880 ± 6
2002-03		1254	875 ± 190	1433 ± 155		1071 ± 145
Cobia						
1983-84			1133 ± 5	1325	800	1110 ± 5
1984-85			1048 ± 43	1115		1065 ± 43
1985-86		788	961 ± 20	785 ± 154		861 ± 78
1986-87			895 ± 5	887	874	887 ± 5
1987-88			873	942	990	910
1988-89	939		1145	945		1044
1989-90				738 ± 71		738 ± 71
1990-91	1140 ± 75	1434				1189 ± 75
1991-92	968					943
1992-93	997 ± 24	1196		893	951	1080 ± 17
1993-94			1070	1152 ± 22	1133	1131
1994-95	602	837	869	1239	1010	945 ± 31
1995-96	1214	902 ± 58	1021	1131 ± 31	1040	1004 ± 58
1996-97	1036 ± 3	998 ± 29	925	1144	869	1024 ± 14
1997-98	925		1004 ± 29	1063 ± 23	1087 ± 44	1113 ± 29
1998-99			1122 ± 39	1363	1006	1068 ± 57
1999-2000	1310		1049	1101 ± 57		1168
2000-01		1063 ± 79	1039	1097		1255 ± 59
2001-02	1167		1068 ± 40	1460 ± 83	981	1073 ± 49
2002-03	813 ± 133	972	1092	1079 ± 108		913 ± 133

Table D.5. (Cont'd.)

Species Year	Area					
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	Coastwide
Dolphin						
1983-84			608 ± 138	820 ± 81		729 ± 71
1984-85			537 ± 9	515 ± 27		527 ± 14
1985-86			597 ± 34	451 ± 14	635	487 ± 14
1986-87			582 ± 75	689 ± 19		661 ± 24
1987-88		482	627	512 ± 36		500 ± 8
1988-89		782	445	475 ± 15		483 ± 15
1989-90		885		532 ± 89	926	625 ± 89
1990-91	850	695 ± 36	445 ± 133	726 ± 99		562 ± 54
1991-92	649	630 ± 26	697	504	667 ± 36	590 ± 9
1992-93			477	612		515
1993-94		990	676	558 ± 27	568	604 ± 27
1994-95		547		743 ± 19	545 ± 23	621 ± 13
1995-96		661 ± 46	677 ± 75	465 ± 12	345	506 ± 14
1996-97		411 ± 16	629 ± 20	928		421 ± 15
1997-98		529	738 ± 32	519 ± 9		530 ± 8
1998-99				708 ± 45		708 ± 45
1999-2000		781 ± 14	672 ± 140	473 ± 37		582 ± 32
2000-01			654	625		647
2001-02				501 ± 22	438	486 ± 16
2002-03				959	986 ± 223	979 ± 223
Gray triggerfish						
1983-84			310	280		303
1984-85			249 ± 12	281 ± 9	230	251 ± 11
1985-86			246 ± 22	242		245 ± 22
1986-87			295		341	318
1987-88		228	335 ± 17	295 ± 3		274 ± 6
1988-89			299 ± 3	272	309	294 ± 2
1989-90				259 ± 19	308	265 ± 19
1990-91	272		358 ± 5	296 ± 8	283	332 ± 4
1991-92	293	441	348 ± 47	242 ± 3		256 ± 5
1992-93		250	338	330 ± 7	414	338 ± 1
1993-94			304 ± 23		352 ± 1	325 ± 14
1994-95	424	344 ± 3	356 ± 39	392 ± 8	391 ± 5	374 ± 12
1995-96			351 ± 11	280	382	338 ± 9
1996-97	327	359	391	284 ± 10	361	375 ± 10
1997-98				313	417 ± 21	406 ± 21
1998-99				263	408 ± 6	397 ± 6
1999-2000		308	317		315 ± 14	312 ± 2
2000-01		310 ± <1			338	331 ± <1
2001-02			345 ± 1	321		344 ± 1
2002-03		367	501	272	340 ± 20	341 ± 20

Table D.5. (Cont'd.)

Species Year	Area					
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	Coastwide
Greater amberjack						
1983-84			930	338		575
1984-85			763 ± 46			763 ± 46
1985-86			647 ± 89	351 ± 17		588 ± 75
1986-87				274 ± 16		274 ± 16
1987-88				325		325
1988-89			425		385	405
1989-90						
1990-91			374			374
1991-92				390		390
1992-93		340	860			600
1993-94						
1994-95			940			940
1995-96				389		389
1996-97						
1997-98			514			514
1998-99		865				865
1999-2000		308 ± 33	338			316 ± 33
2000-01						
2001-02						
2002-03						
King mackerel						
1983-84			999 ± 23	1013 ± 13	1051 ± 6	1011 ± 11
1984-85			994 ± 18	956 ± 15	871 ± 28	953 ± 11
1985-86		12	959 ± 19	951 ± 15	984	957 ± 12
1986-87		3	993 ± 33	950 ± 15	993 ± 24	975 ± 13
1987-88		2	952 ± 29	969 ± 19		962 ± 15
1988-89		914	968 ± 21	951 ± 9	929 ± 7	956 ± 10
1989-90		21	1146 ± 37	974 ± 14	895	981 ± 12
1990-91	835	3	962 ± 32	956 ± 24	974	957 ± 19
1991-92	687	6	957 ± 19	949 ± 16	737 ± 67	936 ± 10
1992-93	1022 ± 61	22	940 ± 21	939 ± 17	1067 ± 5	948 ± 13
1993-94	860	19	973 ± 20	977 ± 11	863 ± 7	975 ± 9
1994-95		13	945 ± 21	986 ± 12	960 ± 28	967 ± 8
1995-96		28	954 ± 18	951 ± 6	949 ± 37	950 ± 9
1996-97	989 ± 40	20	955 ± 24	929 ± 18	909 ± 31	921 ± 12
1997-98	1067	8	946 ± 16	964 ± 19	1007 ± 40	963 ± 14
1998-99		8	1021 ± 39	952 ± 9	1008	959 ± 8
1999-2000	1023	8	955 ± 12	998 ± 20	1040 ± 20	992 ± 15
2000-01		24	940 ± 39	976 ± 13	1082 ± 25	987 ± 11
2001-02		27	1004 ± 27	984 ± 11	949 ± 44	997 ± 7
2002-03	676	10	1050 ± 12	970 ± 17	1003 ± 39	971 ± 13

Table D.5. (Cont'd.)

Species Year	Area						Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Lane snapper							
1983-84							337
1984-85			337				250
1985-86			280	220			313
1986-87			313	295			295
1987-88			305				305
1988-89							
1989-90							
1990-91		392	249 ± 22				275 ± 18
1991-92			289	235			253
1992-93			305	316			314
1993-94			380				380
1994-95			201				201
1995-96		353 ± 26	351 ± 43	296			350 ± 26
1996-97			436				436
1997-98			428				428
1998-99				380			380
1999-2000		300	296 ± 39		480		389 ± 39
2000-01				273			273
2001-02				407 ± 3			366 ± 3
2002-03			296	300	387		318
Little tunny							
1983-84							654 ± 22
1984-85			670	649 ± 22			630 ± 39
1985-86				666	606 ± 39		617 ± 30
1986-87		634 ± 45	540 ± 74	655 ± 35			665
1987-88		656	640	709			
1988-89		595	537 ± 19	597 ± 47			575 ± 28
1989-90				721			637
1990-91				806			806
1991-92	713		474				600
1992-93	554	755 ± 12	688	599 ± 19			676 ± 8
1993-94		598	643	615 ± 21			579 ± 8
1994-95							608
1995-96	635	632 ± 22		537			542
1996-97		618 ± 2					629 ± 19
1997-98	633		696	492 ± 38	616 ± 34		580 ± 11
1998-99				670	610		652
1999-2000				632 ± 9	625		631 ± 7
2000-01		611		645 ± 27			645 ± 27
2001-02		696		638 ± 32			624 ± 32
2002-03				586	613		648
				572	576		572

Table D.5. (Cont'd.)

Species Year	Area					Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
Red drum						
1983-84			570 ± 24			571 ± 24
1984-85			610 ± 10			613 ± 10
1985-86			551 ± 9		595	551 ± 9
1986-87			560 ± 11	680	725	562 ± 11
1987-88	572 ± 32		609 ± 20			604 ± 18
1988-89	605 ± 28		610 ± 25			609 ± 21
1989-90		625	622 ± 22	622 ± 27		623 ± 22
1990-91	672 ± 123	507	623 ± 13	526		637 ± 20
1991-92	625		626 ± 16			603 ± 12
1992-93	533 ± 49	533	588 ± 23			570 ± 21
1993-94	646 ± 5	615 ± 32	564 ± 15	612	620	606 ± 6
1994-95	692 ± 28	1000	622 ± 20	647	710 ± 4	661 ± 15
1995-96	735 ± 35	788 ± 30	598 ± 14	1095		683 ± 14
1996-97	599 ± 22	760 ± 26	641 ± 3	859 ± 25		676 ± 7
1997-98	709 ± 35	490	623 ± 10	530		630 ± 10
1998-99	679 ± 16	759 ± 79	631 ± 36	683 ± 57	919	687 ± 29
1999-2000	690 ± 27	827 ± 57	651 ± 16	911 ± 41		719 ± 16
2000-01	786 ± 95	843 ± 65	597 ± 7	869 ± 25		723 ± 17
2001-02	613	823 ± 56	683 ± 26	684 ± 57		691 ± 23
2002-03	710	676 ± 17	702 ± 71	1067	551	713 ± 16
Red snapper						
1983-84			317 ± 2	255 ± 9	326 ± 14	308 ± 7
1984-85			306 ± 12	187 ± <1	244 ± 20	286 ± 10
1985-86			280 ± 11	282 ± 26	381 ± 7	304 ± 8
1986-87			281 ± 10	303	383 ± 7	305 ± 6
1987-88	234	321	260 ± 8	251 ± 4	444	266 ± 6
1988-89	345 ± 4	303	356 ± 21	255	351 ± 21	350 ± 17
1989-90		257 ± 12		268 ± 14	394 ± 11	318 ± 8
1990-91	352	422	356 ± 12	320 ± 13	333 ± 5	352 ± 5
1991-92	349 ± 10	350 ± 7	390 ± 36	396 ± 14	358	373 ± 17
1992-93	427 ± 46	517	396 ± 8	379 ± 10		415 ± 6
1993-94	495	362 ± 5	461 ± 21	365 ± 14	436 ± 16	436 ± 11
1994-95	399	361 ± 1	414 ± 13	361	436 ± 18	436 ± 7
1995-96	417 ± 10	429 ± 14	417 ± 11	376 ± 27	476 ± 11	441 ± 5
1996-97	446 ± 13	440 ± 19	473 ± 18	475 ± 28	486 ± 4	457 ± 11
1997-98	526	501	458 ± 4	397 ± 25	430 ± 4	474 ± 6
1998-99	482 ± 8	552	531 ± 14	384	477 ± 8	494 ± 18
1999-2000	422 ± <1	393 ± 25	420 ± 6	434 ± 4	491 ± 22	451 ± 8
2000-01	400	381 ± 33	428 ± 22		465 ± 10	452 ± 8
2001-02		421 ± 6	440 ± 16	435 ± 6	473 ± 6	449 ± 5
2002-03	460	461 ± 18	430 ± 10	440 ± 18	479 ± 9	473 ± 8

Table D.5. (Cont'd.)

Species Year	Area					
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	Coastwide
Sand seatrout						
1983-84			345 ± 4	318		345 ± 4
1984-85			345 ± 5	286 ± 4		338 ± 4
1985-86		236 ± 20	330 ± 5	306 ± 10		327 ± 5
1986-87		314	325 ± 8			325 ± 8
1987-88	278 ± 8		342	276		294 ± 3
1988-89	296 ± <1		327 ± 6	311		310 ± 5
1989-90	321	302 ± 35	279 ± 28	335 ± 5		293 ± 13
1990-91	341 ± 2	294 ± 40	334 ± 2			336 ± 2
1991-92	312 ± 1		311 ± 4	297 ± 8		311 ± 1
1992-93	347 ± 12		371 ± 21	344		354 ± 12
1993-94	337 ± 2		349			331 ± 2
1994-95	331 ± 2	301 ± 5	313 ± 14	355 ± 39	320	326 ± 2
1995-96	348 ± 3	317	337 ± 16	305		326 ± 10
1996-97	331 ± 11	284 ± 3	341 ± 2	353 ± 3	282	322 ± 2
1997-98	320 ± 1		368 ± 22	279		319 ± 2
1998-99	347 ± <1	293 ± 1	325 ± 30	301		319 ± 2
1999-2000	278 ± 1	281 ± 12	325 ± 13	326 ± 9		296 ± 4
2000-01	322	321 ± <1	301 ± 7	306		314 ± 3
2001-02	301 ± 9	295 ± 3	372	365	441	318 ± 3
2002-03	347	270 ± 2	306 ± 7	310		280 ± 2
Spanish mackerel						
1983-84			578 ± 10	612 ± 13		592 ± 8
1984-85			556 ± 56	595	432	481 ± 56
1985-86		685 ± 73	580 ± 48	564 ± 16	673	590 ± 30
1986-87		600		564	660	598
1987-88	549 ± 20	585 ± 4	583 ± 24	433 ± 12		460 ± 10
1988-89	607 ± 11		469 ± 19	662		533 ± 14
1989-90	575	509 ± 16	451	495 ± 13		505 ± 10
1990-91	567	397	522 ± 4	572 ± 24	508 ± 29	515 ± 9
1991-92	527 ± 15	613 ± 8	568 ± 34	534 ± 10	586	541 ± 8
1992-93	614 ± 36	638 ± 51	629 ± 22	645 ± 14	551	630 ± 12
1993-94	558 ± 32	659	617 ± 46	482 ± 8	444	511 ± 11
1994-95	540 ± 24	562 ± 5	542 ± 15	562 ± 10	685	559 ± 6
1995-96	569 ± 4	587 ± 45	593 ± 12	552 ± 25	605	578 ± 13
1996-97	626 ± 67	591 ± 12	560 ± 20	600 ± 18	465	590 ± 12
1997-98	589 ± 67	547	592 ± 39	506 ± 12		566 ± 34
1998-99	538	508	563 ± 4	635 ± 13	562	578 ± 6
1999-2000	543 ± 50	580 ± 8	531 ± 21	628 ± 15	603	563 ± 14
2000-01	431	554 ± 10	618 ± 29	541 ± 7	610	547 ± 6
2001-02	595	520 ± 21	452 ± 96	531 ± 2	478 ± 17	522 ± 4
2002-03	583	520 ± 18	555 ± 6	610	492	535 ± 14

Table D.5. (Cont'd.)

Species Year	Area						Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Spotted seatrout							
1983-84			427 ± 15	511	513	430 ± 14	
1984-85		468	488 ± 8	469 ± 8	442	487 ± 8	
1985-86			467 ± 6			467 ± 6	
1986-87		456	420 ± 18	468		433 ± 16	
1987-88	423 ± 8	460	438 ± 6	516		433 ± 5	
1988-89	433 ± 21		445 ± 5	488 ± 15	444	447 ± 5	
1989-90	414 ± 10		469			425 ± 10	
1990-91	413 ± <1	354	446 ± 14			422 ± 6	
1991-92	437 ± 1		440 ± 4	456		440 ± 3	
1992-93	404	414	441 ± 5	449 ± 2	390	440 ± 4	
1993-94	432 ± 2	433 ± 3	438 ± 6	566	423	436 ± 4	
1994-95	424 ± 4	427 ± 5	445 ± 6	411	491 ± 11	442 ± 5	
1995-96	454 ± 6	415 ± 17	459 ± 4	414 ± 14	448	458 ± 4	
1996-97	434 ± 10	425 ± 5	448 ± 6	422 ± 7		444 ± 5	
1997-98	427 ± 5	430	445 ± 3	519 ± 53	411	443 ± 3	
1998-99	431 ± 8	489 ± 28	441 ± 3	446 ± 2		441 ± 3	
1999-2000	466 ± 10	439 ± 6	449 ± 3	430 ± 2	422	447 ± 3	
2000-01	455 ± 4	410	437 ± 2	457 ± 4		440 ± 2	
2001-02	442 ± 10	451 ± 8	454 ± 4	462 ± 5		453 ± 3	
2002-03	444 ± 16	432 ± 3	449 ± 4	681	455	446 ± 4	
Vermilion snapper							
1983-84							
1984-85							
1985-86							
1986-87							
1987-88							
1988-89							
1989-90							
1990-91							
1991-92							
1992-93							
1993-94							
1994-95							
1995-96			383			347 ± 11	
1996-97	312 ± 11					450	
1997-98	450					322	
1998-99			406	259			
1999-2000							
2000-01						256	

Table D.5. (Cont'd.)

Species Year	Area					Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
Vermilion snapper (Cont'd.)						
2001-02				461		461
2002-03						

Table D.6. Estimated annual mean whole weights of fishes (kg/fish) \pm 1 SE caught by private-boat anglers in the TTS by area, species, and year (1982-2003). Weights after 1982-83 derived from conversion of length measurements. Blank mean values indicate no fish weighed or measured. Blank standard errors indicate fish weighed or measured on only one survey day.

Species Year	Area					Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
Atlantic croaker						
1982-83			0.47 \pm 0.11			0.47 \pm 0.11
1983-84			0.34			0.34
1984-85		0.21	0.35 \pm 0.05		0.11	0.34 \pm 0.05
1985-86		0.17	0.26 \pm 0.05			0.25 \pm 0.05
1986-87			0.24			0.24
1987-88	0.22 \pm 0.05		0.30		0.33	0.23 \pm 0.05
1988-89	0.23 \pm 0.13		0.18		0.32 \pm 0.01	0.29 \pm 0.03
1989-90					0.15	0.15
1990-91	0.21	0.32	0.19 \pm 0.05		0.26	0.30 \pm 0.01
1991-92	0.15		0.16			0.15
1992-93	0.19 \pm 0.10		0.16			0.18 \pm 0.10
1993-94	0.12				0.32	0.22
1994-95	0.16		0.23			0.14 \pm 0.01
1995-96	0.12	0.10 \pm 0.01	0.12			0.12 \pm 0.02
1996-97	0.09	0.11 \pm 0.05	0.20			0.09
1997-98	0.24 \pm 0.01	0.09	0.31 \pm 0.04			0.28 \pm 0.03
1998-99	0.28	0.20	0.22		0.14	0.21 \pm <.01
1999-2000	0.04	0.20 \pm <.01	0.30 \pm 0.04			0.22 \pm 0.02
2000-01		0.27	0.19			0.19
2001-02	0.15	0.16 \pm 0.01	0.63			0.17 \pm 0.01
2002-03	0.66	0.22 \pm 0.02				0.24 \pm 0.02
Atlantic sharpnose shark						
1982-83 *			7.57			6.49 \pm <.01
1983-84			1.80 \pm 0.89		6.25 \pm <.01	1.57 \pm 1.16
1984-85			4.86 \pm 1.04		1.50 \pm 1.48	5.49 \pm 0.46
1985-86		4.78	6.16 \pm 0.59		5.76 \pm 0.48	6.25 \pm 0.37
1986-87		5.34 \pm 0.28	4.55 \pm 0.84		6.40 \pm 0.46	5.66 \pm 0.29
1987-88	2.66	6.10	5.82 \pm 0.26		5.98 \pm 0.26	5.49 \pm 0.16
1988-89	3.54 \pm 0.37	0.71	5.98 \pm 0.82		5.61 \pm 0.21	5.90 \pm 0.37
1989-90	2.18	6.78	2.59 \pm 0.57		6.14 \pm 0.41	2.82 \pm 0.57
1991-92			2.77 \pm 1.93		5.55	2.77 \pm 1.93
1992-93	1.21	5.72	6.15 \pm 0.82			6.14 \pm 0.48
1993-94		5.72	5.74 \pm 0.63		6.50 \pm 0.41	5.76 \pm 0.70
1994-95	5.22 \pm 0.02	5.72	4.17 \pm 0.79		5.80 \pm 1.77	5.21 \pm 0.32
1995-96	2.62 \pm 0.29	2.98	3.72 \pm 1.48		6.22 \pm 0.44	5.02 \pm 0.52
1996-97	3.92 \pm 1.40	6.20	5.55 \pm 0.18		5.61 \pm 0.87	6.17 \pm 0.18
1997-98	5.77	6.60 \pm 0.27	3.74		6.12 \pm 0.23	5.50
1998-99	2.72	5.26 \pm 1.19	6.53 \pm 1.27		5.94	6.48 \pm 0.53
1999-2000	5.25 \pm 1.09	5.60 \pm 0.07	12.43		7.04 \pm 0.61	6.94 \pm 0.70
2000-01	6.26 \pm 0.08	7.84 \pm 1.83	4.49		6.12 \pm 0.53	6.17 \pm 1.13
					5.79	8.15 \pm 2.33
						5.58

Table D.6. (Cont'd.)

Species Year	Area						Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Atlantic sharpnose shark (Cont'd.)							
2001-02		4.36 ± 1.65	1.77 ± 0.01	3.74 ± 0.94	8.89	4.13 ± 0.99	
2002-03		5.77 ± 0.07	2.81	6.24 ± 1.11	4.42	5.56 ± 0.50	
Atlantic spadefish							
1982-83 ^a							
1983-84		0.39	1.61		0.69		
1984-85			0.98 ± 0.11	1.41	1.11 ± 0.11	0.62 ± 0.06	
1985-86		1.12	0.70 ± 0.02	0.50 ± 0.13	2.37		
1986-87		2.97	1.55	0.44		1.56	
1987-88	1.58	1.50	1.68	1.62		1.54	
1988-89	0.59		1.40 ± 0.10	1.09 ± 0.02		1.11 ± 0.02	
1989-90		1.43	0.54	0.71		1.29	
1990-91	1.33	1.75	1.52 ± 0.12	1.63	0.66	1.53 ± 0.12	
1991-92	0.77 ± 0.06	0.57		1.00 ± 0.57		0.81 ± 0.11	
1992-93	0.75		1.69 ± 0.08	1.57	0.79	1.48 ± 0.08	
1993-94	1.10 ± 0.07	1.41	1.14 ± 0.35	0.68	0.93 ± 0.12	1.08 ± 0.06	
1994-95	0.52 ± 0.21	0.54 ± 0.01	1.90 ± 0.11	2.60 ± 0.43	1.22	0.77 ± 0.05	
1995-96	1.59	1.60 ± 0.29	1.48 ± 0.17	1.43 ± 0.07		1.51 ± 0.12	
1996-97	0.59 ± 0.13	1.50 ± 0.15	1.72 ± 0.08	1.67		1.21 ± 0.07	
1997-98	1.13				1.45	1.21	
1998-99		1.37	2.43 ± <.01	1.77 ± 0.18		2.09 ± 0.04	
1999-2000	0.79	1.50 ± 0.19	2.53 ± 0.02	1.73 ± 0.15		1.69 ± 0.12	
2000-01		1.42 ± 0.09	2.91	2.13		1.79 ± 0.09	
2001-02	0.51	0.97	2.62	1.35 ± 0.36		1.55 ± 0.14	
2002-03			3.39	1.14		1.55	
Black drum							
1982-83 ^a					1.63	1.20	
1983-84			1.14			3.46 ± 0.34	
1984-85			3.46 ± 0.34			3.34 ± 0.39	
1985-86			3.49 ± 0.54	2.97		3.02 ± 0.06	
1986-87			3.04 ± 0.06	2.03		2.62 ± 0.07	
1987-88			2.87 ± 0.11	8.17		2.85 ± 0.20	
1988-89	1.36 ± <.01		2.89 ± 0.20			2.81	
1989-90	1.61 ± 0.83	3.39	2.66			2.91 ± 0.48	
1990-91	1.76	1.47	3.15 ± 0.48			1.87 ± 0.16	
1991-92	1.57		1.77 ± 0.19	4.65		2.66 ± 0.11	
1992-93	2.11 ± 0.07		3.00 ± 0.16	2.43	0.87	2.64 ± 0.14	
1993-94	2.08 ± 0.01		4.10 ± 0.56	3.90		2.76 ± 0.08	
1994-95	2.79 ± 0.06	3.32	2.67 ± 0.31			2.19 ± 0.09	
1995-96	1.46 ± 0.12		1.83			2.67 ± 0.12	
1996-97	3.67 ± 0.11	2.80 ± 0.14	1.93	2.29		2.50 ± 0.11	
1997-98	2.14 ± 0.17	2.51 ± 0.15	2.06 ± 0.18	3.89 ± 0.01		2.67 ± 0.12	
1998-99	2.37	1.67	2.44	4.71		2.40	

Table D.6. (Cont'd.)

Species Year	Area					Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
Black drum (Cont'd.)						
1999-2000	2.06	2.13	2.45 ± 0.16			2.32 ± 0.10
2000-01			1.85			1.85
2001-02	2.13 ± 0.11	1.58 ± 0.29	2.00 ± 0.11			1.94 ± 0.09
2002-03	1.67	2.37 ± 0.48	3.02 ± 0.53	4.55		2.40 ± 0.36
Blacktip shark						
1982-83 *			14.89		5.27	9.19 ± 1.07
1983-84						5.87 ± 0.55
1984-85			3.91			6.42
1985-86			3.01			8.72 ± 1.24
1986-87			7.73 ± 2.80			5.12 ± 1.72
1987-88			6.88 ± 1.50			7.29 ± 0.88
1988-89	1.40 ± 1.06		1.77 ± 0.09			1.87 ± 0.09
1989-90	10.28		4.33			5.08 ± 0.57
1990-91		7.38	3.35 ± 1.16			3.74 ± 0.60
1991-92	3.12 ± 0.19		1.22 ± 0.07			2.07 ± 0.51
1992-93	4.63		1.71 ± 0.05			3.95 ± 0.05
1993-94	7.08		3.78 ± 2.75			7.28 ± 6.79
1994-95	17.29 ± 13.31		3.71 ± 1.02			7.35 ± 0.39
1995-96	3.74		1.49 ± 0.03			5.40 ± 1.66
1996-97	3.96	4.38	1.78 ± 0.11			5.78 ± 0.14
1997-98	10.23 ± 0.35	12.04 ± 1.18	2.15 ± 0.36		13.80	8.24
1998-99		8.40	2.08 ± 0.49		8.24	9.67 ± 2.02
1999-2000		16.67 ± 6.29	0.91		11.89	4.82 ± 0.84
2000-01	2.42	12.15 ± 3.37	2.45 ± 0.06		38.32	14.31 ± 1.31
2001-02		15.16 ± 1.86	7.41 ± 5.22			8.06 ± 0.06
2002-03		8.13				12.72 ± 4.25
		15.05				
Cobia						
1982-83			15.18 ± 3.81		4.55	12.05 ± 2.64
1983-84			11.10 ± 0.15		3.87	10.99 ± 0.15
1984-85			8.83 ± 1.05		17.65	9.25 ± 1.05
1985-86			6.74 ± 0.40		10.50	5.41 ± 1.36
1986-87		3.70	5.51 ± 0.13		4.65 ± 2.70	5.32 ± 0.13
1987-88			5.14		5.28	5.81
1988-89	6.26		11.68		6.32	9.00
1989-90					6.38	3.28 ± 0.96
1990-91	11.96 ± 2.30	22.39			3.28 ± 0.96	13.69 ± 2.30
1991-92	6.86		9.28		6.57	7.17
1992-93	8.96 ± 0.24	13.67	4.96		11.73 ± 0.58	10.52 ± 0.28
1993-94			8.06		14.42	11.17
1994-95	1.64	5.30	6.21 ± 0.91		6.51	7.08 ± 0.64
1995-96	13.56	5.74 ± 1.07	5.99		11.02	8.09 ± 1.07
1996-97	8.46 ± 0.03	7.63 ± 0.68	7.74 ± 0.65		8.52	8.36 ± 0.33
					9.49 ± 0.58	

Table D.6. (Cont'd.)

Species Year	Area							Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre			
Cobia (Cont'd.)								
1997-98	5.99		11.30 ± 1.14	19.22	10.72 ± 1.50		11.33 ± 0.91	
1998-99			8.78	10.34 ± 1.65	7.71		9.38 ± 1.65	
1999-2000	17.06			10.63			12.77	
2000-01		9.37 ± 2.03	8.58	24.19 ± 3.94	7.20		16.58 ± 2.50	
2001-02	12.81		9.82 ± 1.24	10.03 ± 2.87			9.95 ± 1.37	
2002-03	4.76 ± 2.38	6.95	9.86	6.97			6.34 ± 2.38	
Dolphin								
1982-83 *								
1983-84			1.64 ± 1.06	5.02 ± 1.71			3.57 ± 1.19	
1984-85			0.95 ± 0.05	0.87 ± 0.13	1.48		0.92 ± 0.07	
1985-86			1.50 ± 0.36	0.58 ± 0.04			0.81 ± 0.10	
1986-87			1.32 ± 0.41	2.04 ± 0.16			1.85 ± 0.16	
1987-88		0.68	1.48	0.90 ± 0.22			0.79 ± 0.05	
1988-89		2.70	0.56	0.68 ± 0.08			0.75 ± 0.08	
1989-90		3.85		1.22 ± 0.46	4.39		1.95 ± 0.46	
1990-91	3.43	2.01 ± 0.26	0.70 ± 0.98	1.22 ± 0.46			1.95 ± 0.46	
1991-92	1.64	1.61 ± 0.16	2.00	2.61 ± 0.94			1.40 ± 0.42	
1992-93			1.26	0.85	1.73 ± 0.24		1.33 ± 0.06	
1993-94			1.92	1.76			1.40	
1994-95		5.33		1.14 ± 0.17	1.07		1.52 ± 0.17	
1995-96		1.13		2.55 ± 0.16	1.01 ± 0.11		1.63 ± 0.09	
1996-97		2.22 ± 0.29	2.03 ± 0.71	0.73 ± 0.09	0.25		1.02 ± 0.11	
1997-98		0.55 ± 0.09	1.44 ± 0.13	4.44			0.61 ± 0.09	
1998-99		0.87	2.33 ± 0.29	1.13 ± 0.05			1.19 ± 0.05	
1999-2000		2.75 ± 0.13	2.15 ± 0.88	2.23 ± 0.33			2.23 ± 0.33	
2000-01			1.66	0.92 ± 0.24			1.58 ± 0.20	
2001-02				1.41	0.51		1.60	
2002-03				0.83 ± 0.08	6.67 ± 2.85		0.75 ± 0.06	
				4.86			6.22 ± 2.85	
Gray triggerfish								
1982-83 *								
1983-84			0.42	0.31			0.39	
1984-85			0.24 ± 0.03	0.32 ± 0.03	0.19		0.24 ± 0.03	
1985-86			0.25 ± 0.06	0.22			0.24 ± 0.06	
1986-87			0.36					
1987-88		0.19	0.51 ± 0.07	0.37 ± 0.01	0.52		0.32 ± 0.02	
1988-89			0.37 ± 0.01	0.30			0.36 ± 0.01	
1989-90	0.38 ± 0.04			0.28 ± 0.06	0.42		0.29 ± 0.06	
1990-91	0.29	1.01	0.60 ± 0.02	0.37 ± 0.03	0.41		0.51 ± 0.02	
1991-92	0.35	0.23	0.61 ± 0.21	0.22 ± 0.01	0.34		0.26 ± 0.02	
1992-93			0.52	0.54 ± 0.04	0.87		0.52 ± 0.01	
1993-94	0.92		0.41 ± 0.09		0.58 ± 0.01		0.49 ± 0.05	
1994-95		0.54 ± 0.01	0.63 ± 0.15	0.75 ± 0.04	0.76 ± 0.03		0.69 ± 0.05	

Table D.6. (Cont'd.)

Species Year	Area							Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre			
Gray triggerfish (Cont'd.)								
1995-96			0.58 ± 0.05	0.31			0.53 ± 0.04	
1996-97	0.47	0.59	0.78	0.34 ± 0.03			0.71 ± 0.03	
1997-98				0.42			0.60	
1998-99			0.44	0.26			0.93 ± 0.12	
1999-2000							0.84 ± 0.04	
2000-01		0.41 ± <.01					0.43 ± 0.05	
2001-02			0.59 ± 0.01	0.45			0.49 ± <.01	
2002-03		0.64	1.41	0.29			0.58 ± 0.01	
Greater amberjack								
1982-83 ^a							0.53 ± 0.08	
1983-84			7.80	0.29				3.30
1984-85			4.67 ± 1.08				4.67 ± 1.08	
1985-86			5.56 ± 2.58	0.33 ± 0.05			4.51 ± 2.15	
1986-87				0.16 ± 0.03			0.16 ± 0.03	
1987-88			0.60	0.25			0.25	
1988-89							0.51	
1989-90			0.39					0.39
1990-91				0.45				0.45
1991-92			6.03					3.16
1992-93		0.29						
1993-94								8.17
1994-95			8.17					0.45
1995-96								
1996-97								
1997-98								
1998-99			1.11					1.11
1999-2000		6.14						6.14
2000-01		0.26 ± 0.08	0.28					0.27 ± 0.08
2001-02								
2002-03								
King mackerel								
1982-83								
1983-84			6.94 ± 0.78	6.09 ± 0.35			4.68 ± 1.09	5.99 ± 0.28
1984-85			5.55 ± 0.40	5.76 ± 0.30			6.48 ± 0.12	5.74 ± 0.22
1985-86			5.52 ± 0.37	4.78 ± 0.24			3.73 ± 0.51	4.81 ± 0.19
1986-87		5.40 ± 0.19	4.81 ± 0.30	4.68 ± 0.23			5.28	4.77 ± 0.18
1987-88		5.59 ± 0.08	5.48 ± 0.56	4.69 ± 0.26			5.11 ± 0.35	5.10 ± 0.22
1988-89		4.84 ± 0.02	4.91 ± 0.47	5.14 ± 0.29				5.05 ± 0.23
1989-90		3.98	5.00 ± 0.38	4.64 ± 0.14			4.15 ± 0.09	4.76 ± 0.17
1990-91		4.15 ± 0.28	8.22 ± 0.84	5.01 ± 0.24			3.82	5.16 ± 0.20
1991-92	2.98	4.61 ± 0.03	5.00 ± 0.57	4.95 ± 0.40			5.54	4.94 ± 0.31
1992-93	1.65	4.27 ± 0.11	4.85 ± 0.35	4.62 ± 0.25			2.25 ± 0.51	4.48 ± 0.15
	5.75 ± 1.00	5.26 ± 0.37	4.51 ± 0.29	4.56 ± 0.25			6.54 ± 0.15	4.67 ± 0.18

Table D.6. (Cont'd.)

Species Year	Area						Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
King mackerel (Cont'd.)							
1993-94	3.26	5.29 ± 0.30	5.12 ± 0.29	5.12 ± 0.19	3.34 ± 0.08	5.09 ± 0.14	
1994-95		4.68 ± 0.18	4.65 ± 0.28	5.19 ± 0.18	4.93 ± 0.44	4.95 ± 0.13	
1995-96	5.25 ± 0.65	4.63 ± 0.40	4.73 ± 0.26	4.66 ± 0.10	4.83 ± 0.59	4.69 ± 0.13	
1996-97		4.12 ± 0.28	4.79 ± 0.41	4.34 ± 0.28	3.98 ± 0.47	4.30 ± 0.17	
1997-98	6.38	3.80 ± 0.17	4.68 ± 0.28	4.90 ± 0.29	5.76 ± 0.75	4.93 ± 0.21	
1998-99		4.69 ± 0.13	5.77 ± 0.68	4.58 ± 0.14	5.63	4.71 ± 0.13	
1999-2000	6.12	4.68 ± 0.33	4.63 ± 0.16	5.43 ± 0.31	6.14 ± 0.32	5.34 ± 0.24	
2000-01		5.53 ± 0.42	4.71 ± 0.72	5.10 ± 0.30	6.87 ± 0.50	5.31 ± 0.22	
2001-02		5.54 ± 0.07	6.26 ± 0.23	5.17 ± 0.18	4.73 ± 0.69	5.39 ± 0.11	
2002-03	1.56	4.42 ± 0.25	5.30 ± 0.48	4.96 ± 0.32	6.16 ± 0.70	5.08 ± 0.24	
Lane snapper							
1982-83 ^a							
1983-84			0.58			0.58	
1984-85			0.32	0.17		0.24	
1985-86			0.44			0.44	
1986-87				0.36		0.36	
1987-88			0.40			0.40	
1988-89							
1989-90							
1990-91		0.78	0.25 ± 0.06			0.34 ± 0.05	
1991-92			0.34	0.20		0.25	
1992-93			0.40	0.45		0.44	
1993-94			0.72			0.72	
1994-95			0.13			0.13	
1995-96		0.61 ± 0.09	0.65 ± 0.17	0.37		0.61 ± 0.10	
1996-97			1.02			1.02	
1997-98			0.97			0.97	
1998-99				0.77		0.77	
1999-2000		0.38	0.41 ± 0.14		1.34	0.87 ± 0.14	
2000-01				0.30		0.30	
2001-02			0.37	0.91 ± 0.02		0.70 ± 0.02	
2002-03				0.39	0.74	0.46	
Little tunny							
1982-83 ^a							
1983-84			3.46	3.11 ± 0.33		3.20 ± 0.33	
1984-85				3.36		2.89 ± 0.46	
1985-86		3.04 ± 0.60	1.91 ± 0.91	3.22 ± 0.53	2.59 ± 0.46	2.81 ± 0.40	
1986-87		3.18	2.95	4.04		3.34	
1987-88		2.35	1.79 ± 0.19	2.54 ± 0.76		2.25 ± 0.43	
1988-89				4.26		2.99	
1989-90				6.01	2.36	6.01	
1990-91			1.16		4.35	2.76	

Table D.6. (Cont'd.)

Species Year	Area						Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Little tunny (Cont'd.)							
1991-92	4.11	4.94 ± 0.24	3.68	2.53 ± 0.28	3.25	3.65 ± 0.13	
1992-93	1.90	2.41	2.99	2.66 ± 0.27	1.41	2.22 ± 0.11	
1993-94					2.51	2.51	
1994-95				1.71	2.11	1.77	
1995-96	2.87	2.90 ± 0.33		1.49 ± 0.39	2.67 ± 0.45	2.84 ± 0.28	
1996-97		2.69 ± 0.03		3.39		2.33 ± 0.12	
1997-98	2.85		3.82	2.87 ± 0.13	2.54	3.15	
1998-99				3.04 ± 0.39	2.76	2.84 ± 0.10	
1999-2000				2.96 ± 0.46		3.04 ± 0.39	
2000-01		3.11		2.24	2.58	3.04 ± 0.46	
2001-02		3.82		2.10	2.13	3.12	
2002-03						2.10	
Red drum							
1982-83			1.38 ± 0.09	1.20		1.36	
1983-84			2.21 ± 0.25		2.25	2.21 ± 0.25	
1984-85			2.53 ± 0.13		4.10	2.57 ± 0.13	
1985-86			1.89 ± 0.08			1.89 ± 0.08	
1986-87			1.99 ± 0.12	3.38		2.01 ± 0.12	
1987-88	2.14 ± 0.34		2.56 ± 0.24			2.50 ± 0.21	
1988-89	2.45 ± 0.34		2.63 ± 0.30			2.59 ± 0.25	
1989-90		2.61	2.62 ± 0.29	2.58		2.62 ± 0.29	
1990-91	4.13 ± 2.63	1.38	2.66 ± 0.16	3.44 ± 0.38		2.98 ± 0.39	
1991-92	2.68		2.67 ± 0.19	1.57		2.43 ± 0.14	
1992-93	1.72 ± 0.62	1.61	2.29 ± 0.26		2.57	2.09 ± 0.24	
1993-94	2.93 ± 0.06	2.54 ± 0.43	1.94 ± 0.16	2.48		2.43 ± 0.07	
1994-95	4.15 ± 0.53	10.90	2.92 ± 0.45	2.96	4.39 ± 0.10	3.65 ± 0.33	
1995-96	4.93 ± 0.44	6.11 ± 0.66	2.35 ± 0.16	14.38		4.04 ± 0.26	
1996-97	2.40 ± 0.25	5.57 ± 0.56	2.92 ± 0.06	7.90 ± 0.80		3.75 ± 0.14	
1997-98	4.27 ± 0.63	1.25	2.73 ± 0.17	1.59		2.88 ± 0.17	
1998-99	3.69 ± 0.37	5.64 ± 1.73	3.06 ± 0.64	4.29 ± 1.04	8.71	4.16 ± 0.60	
1999-2000	3.90 ± 0.60	7.24 ± 1.04	3.43 ± 0.40	8.93 ± 0.88		4.85 ± 0.34	
2000-01	5.85 ± 2.16	7.62 ± 1.38	2.46 ± 0.12	7.78 ± 0.60		5.00 ± 0.36	
2001-02	2.51	6.46 ± 1.11	3.78 ± 0.56	3.98 ± 1.12		3.98 ± 0.49	
2002-03	4.08	3.50 ± 0.30	4.61 ± 1.55	13.30	1.78	4.48 ± 0.29	
Red snapper							
1982-83			0.36 ± 0.03	0.27 ± 0.02	0.64 ± 0.15	0.46 ± 0.11	
1983-84			0.45 ± 0.01	0.28 ± 0.08	0.48 ± 0.07	0.43 ± 0.04	
1984-85			0.49 ± 0.07	0.09 ± <.01	0.22 ± 0.06	0.41 ± 0.06	
1985-86			0.36 ± 0.09	0.35 ± 0.09	1.00 ± 0.02	0.51 ± 0.06	
1986-87			0.32 ± 0.03	0.37	0.80 ± 0.04	0.42 ± 0.02	
1987-88	0.17	0.47	0.25 ± 0.03	0.22 ± 0.02	1.30	0.29 ± 0.02	

Table D.6. (Cont'd.)

Species Year	Area						Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Red snapper (Cont'd.)							
1988-89	0.66 ± 0.03	0.37	0.70 ± 0.13	0.22	0.64 ± 0.09	0.67 ± 0.11	
1989-90		0.25 ± 0.04	0.77 ± 0.09	0.30 ± 0.05	0.88 ± 0.07	0.53 ± 0.04	
1990-91	0.63	1.11	1.05 ± 0.42	0.51 ± 0.09	0.54 ± 0.02	0.69 ± 0.03	
1991-92	0.59 ± 0.06	0.59 ± 0.04	0.92 ± 0.07	0.92 ± 0.11	0.64	0.83 ± 0.19	
1992-93	1.21 ± 0.37	2.00	1.71 ± 0.26	0.82 ± 0.09	1.27 ± 0.14	1.09 ± 0.05	
1993-94	1.85	0.72 ± 0.05	1.20 ± 0.12	0.71 ± 0.09	1.28 ± 0.16	1.36 ± 0.11	
1994-95	0.88	0.68 ± 0.01	1.15 ± 0.12	0.64	1.68 ± 0.11	1.34 ± 0.07	
1995-96	1.06 ± 0.07	1.25 ± 0.16	1.66 ± 0.20	0.81 ± 0.20	1.78 ± 0.06	1.35 ± 0.06	
1996-97	1.26 ± 0.11	1.44 ± 0.24	1.55 ± 0.16	1.67 ± 0.29	1.11 ± 0.03	1.52 ± 0.13	
1997-98	2.30	1.86	2.41 ± 0.16	0.90 ± 0.20	1.67 ± 0.09	1.64 ± 0.08	
1998-99	1.66 ± 0.08	2.69	1.12 ± 0.10	0.77	1.85 ± 0.27	1.90 ± 0.22	
1999-2000	1.05 ± 0.01	0.98 ± 0.24	1.15 ± 0.21	1.17 ± 0.04	1.53 ± 0.10	1.40 ± 0.08	
2000-01	0.87	0.90 ± 0.22	1.25 ± 0.17	1.20 ± 0.06	1.59 ± 0.06	1.43 ± 0.07	
2001-02		1.06 ± 0.05	1.11 ± 0.08	1.22 ± 0.17	1.44 ± 0.03	1.33 ± 0.06	
2002-03	1.41	1.53 ± 0.22			1.69 ± 0.11	1.62 ± 0.09	
Sand seartrout							
1982-83		0.45	0.38 ± 0.03	0.28 ± 0.02	0.40	0.37 ± 0.01	
1983-84			0.44 ± 0.02	0.33		0.43 ± 0.02	
1984-85			0.44 ± 0.02	0.25 ± 0.01		0.42 ± 0.01	
1985-86		0.15 ± 0.05	0.39 ± 0.02	0.33 ± 0.03		0.38 ± 0.02	
1986-87		0.32	0.37 ± 0.03			0.37 ± 0.03	
1987-88	0.24 ± 0.02		0.42	0.22		0.28 ± 0.01	
1988-89	0.27 ± <.01		0.37 ± 0.03	0.31		0.32 ± 0.02	
1989-90	0.34	0.30 ± 0.10	0.26 ± 0.12	0.39 ± 0.02		0.29 ± 0.05	
1990-91	0.43 ± 0.01	0.27 ± 0.08	0.39 ± 0.01			0.40 ± <.01	
1991-92	0.32 ± 0.01		0.31 ± 0.01	0.28 ± 0.02		0.32 ± <.01	
1992-93	0.44 ± 0.05		0.59 ± 0.06	0.42		0.48 ± 0.05	
1993-94	0.40 ± 0.01	0.28 ± 0.02	0.47			0.38 ± 0.01	
1994-95	0.38 ± 0.01	0.34	0.32 ± 0.04	0.58 ± 0.24	0.34	0.37 ± 0.01	
1995-96	0.45 ± 0.01	0.19	0.42 ± 0.06	0.29	0.23	0.37 ± 0.01	
1996-97	0.38 ± 0.04	0.25 ± 0.01	0.42 ± 0.01	0.46 ± 0.01	0.23	0.36 ± 0.01	
1997-98	0.35 ± <.01		0.55 ± 0.09	0.23	0.30	0.35 ± 0.01	
1998-99	0.45 ± <.01	0.27 ± <.01	0.37 ± 0.10	0.30	0.37 ± 0.03	0.36 ± 0.01	
1999-2000	0.23 ± <.01	0.24 ± 0.04	0.36 ± 0.04	0.37 ± 0.03		0.28 ± 0.01	
2000-01	0.36	0.35 ± <.01	0.29 ± 0.02	0.29		0.33 ± 0.01	
2001-02	0.29 ± 0.03	0.27 ± 0.01	0.56	0.51	0.90	0.36 ± 0.01	
2002-03	0.43	0.21 ± <.01	0.30 ± 0.02	0.31		0.23 ± <.01	
Spanish mackerel							
1982-83		1.05	0.79 ± 0.21	0.65 ± 0.23		0.82 ± 0.13	
1983-84			1.13 ± 0.05	1.30 ± 0.07		1.20 ± 0.04	
1984-85			1.13 ± 0.31	1.19	0.49	0.74 ± 0.31	
1985-86		2.01 ± 0.68	1.23 ± 0.24	1.04 ± 0.08	1.69	1.28 ± 0.17	

Table D.6. (Cont'd.)

Species Year	Area						Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Spanish mackerel (Cont'd.)							
1986-87		1.34		1.06		1.29	
1987-88	1.04 ± 0.11	1.20 ± 0.01	1.20 ± 0.14	0.50 ± 0.04	1.60	0.63 ± 0.03	
1988-89	1.27 ± 0.06		0.64 ± 0.10	1.62	1.35	0.95 ± 0.07	
1989-90	1.07	0.80 ± 0.08	0.54	0.74 ± 0.06	0.86	0.79 ± 0.05	
1990-91	1.07	0.41	0.86 ± 0.02	1.17 ± 0.12	0.80 ± 0.12	0.86 ± 0.04	
1991-92	0.89 ± 0.07	1.33 ± 0.05	1.07 ± 0.17	0.91 ± 0.05	1.16	0.95 ± 0.04	
1992-93	1.37 ± 0.19	1.49 ± 0.33	1.42 ± 0.13	1.53 ± 0.09	1.00	1.45 ± 0.07	
1993-94	1.03 ± 0.17	1.59	1.39 ± 0.25	0.70 ± 0.04	0.54	0.84 ± 0.06	
1994-95	0.95 ± 0.10	1.02 ± 0.03	0.92 ± 0.07	1.05 ± 0.06	1.77	1.03 ± 0.03	
1995-96	1.08 ± 0.02	1.27 ± 0.28	1.27 ± 0.04	1.04 ± 0.16	1.24	1.18 ± 0.08	
1996-97	1.51 ± 0.38	1.21 ± 0.08	1.05 ± 0.10	1.26 ± 0.11	0.58	1.22 ± 0.07	
1997-98	1.41 ± 0.56	0.98	1.24 ± 0.22	0.78 ± 0.04		1.14 ± 0.26	
1998-99	0.91	0.78	1.05 ± 0.02	1.48 ± 0.07	1.01	1.15 ± 0.03	
1999-2000	0.98 ± 0.26	1.22 ± 0.05	0.89 ± 0.10	1.53 ± 0.09	1.25	1.10 ± 0.07	
2000-01	0.48	1.00 ± 0.06	1.36 ± 0.17	0.96 ± 0.04	1.27	0.99 ± 0.03	
2001-02	1.19	0.92 ± 0.12	0.65 ± 0.43	0.89 ± 0.01	0.68 ± 0.05	0.87 ± 0.02	
2002-03	1.16	0.87 ± 0.08	1.00 ± 0.05	1.31	0.70	0.93 ± 0.06	
Spotted seatrout							
1982-83		0.76	0.80 ± 0.09	0.69 ± 0.13	0.59	0.78 ± 0.02	
1983-84			0.80 ± 0.09	1.26	1.38	0.82 ± 0.09	
1984-85		0.97	1.16 ± 0.07	0.99 ± 0.04	0.81	1.14 ± 0.06	
1985-86			0.99 ± 0.04			0.99 ± 0.04	
1986-87		0.93	0.75 ± 0.12	1.00		0.81 ± 0.10	
1987-88	0.75 ± 0.04	1.07	0.81 ± 0.04	1.35		0.80 ± 0.03	
1988-89	0.84 ± 0.16		0.88 ± 0.03	1.22 ± 0.07	0.92	0.91 ± 0.03	
1989-90	0.71 ± 0.05		1.06			0.78 ± 0.05	
1990-91	0.70 ± <.01	0.44	0.88 ± 0.08			0.75 ± 0.03	
1991-92	0.83 ± 0.01		0.83 ± 0.03	0.92		0.83 ± 0.02	
1992-93	0.66	0.67	0.83 ± 0.03	0.89 ± 0.01	0.55	0.83 ± 0.03	
1993-94	0.79 ± 0.01	0.78 ± 0.02	0.82 ± 0.03	1.73	0.72	0.81 ± 0.02	
1994-95	0.74 ± 0.02	0.77 ± 0.02	0.87 ± 0.04	0.65	1.17 ± 0.06	0.85 ± 0.03	
1995-96	0.93 ± 0.04	0.68 ± 0.08	0.95 ± 0.03	0.67 ± 0.07	0.91	0.95 ± 0.02	
1996-97	0.80 ± 0.06	0.74 ± 0.03	0.89 ± 0.04	0.70 ± 0.04	0.65	0.86 ± 0.03	
1997-98	0.77 ± 0.03	0.78	0.86 ± 0.02	1.51 ± 0.40	0.65	0.86 ± 0.02	
1998-99	0.77 ± 0.04	1.18 ± 0.20	0.83 ± 0.02	0.85 ± 0.02	0.73	0.83 ± 0.02	
1999-2000	1.02 ± 0.07	0.83 ± 0.03	0.90 ± 0.02	0.77 ± 0.01		0.88 ± 0.02	
2000-01	0.93 ± 0.02	0.65	0.81 ± 0.02	0.95 ± 0.03		0.83 ± 0.01	
2001-02	0.85 ± 0.08	0.93 ± 0.05	0.91 ± 0.03	0.95 ± 0.03		0.91 ± 0.02	
2002-03	0.86 ± 0.10	0.79 ± 0.02	0.88 ± 0.03	3.04	0.92 ± <.01	0.87 ± 0.02	

Table D.6. (Cont'd.)

Species Year	Area						Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Vermilion snapper							
1982-83 ^a		0.34 ± 0.04	0.66			0.50 ± 0.04	
1983-84		1.13				1.13	
1984-85						0.46	
1985-86							
1986-87							
1987-88							
1988-89							
1989-90							
1990-91							
1991-92							
1992-93							
1993-94							
1994-95							
1995-96							
1996-97							
1997-98			0.82				
1998-99				0.18			
1999-2000		0.17				0.17	
2000-01							
2001-02							
2002-03				1.24		1.24	
All species combined^b							
1982-83		2.13 ± 1.95	1.53 ± 0.58	2.38 ± 0.75	2.67 ± 1.58	1.84 ± 0.27	
1983-84		1.52	1.47 ± 0.27	1.47 ± 0.27	4.58 ± 0.83	2.10 ± 0.25	
1984-85		0.61 ± 0.20	1.61 ± 0.23	1.61 ± 0.23	3.21 ± 0.45	2.12 ± 0.20	
1985-86		2.76 ± 0.98	1.80 ± 0.28	1.80 ± 0.28	3.57 ± 0.38	2.32 ± 0.22	
1986-87		3.21 ± 0.92	1.39 ± 0.19	1.39 ± 0.19	3.88 ± 0.49	2.11 ± 0.19	
1987-88	0.84 ± 0.07	3.20 ± 0.39	2.34 ± 0.31	2.74 ± 0.44	1.98 ± 0.88	2.21 ± 0.18	
1988-89	0.76 ± 0.09	0.98	2.14 ± 0.14	3.81 ± 0.40	6.35	2.27 ± 0.12	
1989-90	0.63 ± 0.06	1.67 ± 0.07	1.72 ± 0.27	3.28 ± 0.38	1.22 ± 0.21	2.37 ± 0.20	
1990-91	1.34 ± 0.34	1.48 ± 0.48	1.51 ± 0.25	2.89 ± 0.50	0.96 ± 0.46	1.65 ± 0.17	
1991-92	1.18 ± 0.17	2.92 ± 0.21	1.55 ± 0.19	2.83 ± 0.21	1.70 ± 0.37	1.82 ± 0.10	
1992-93	1.25 ± 0.22	5.76 ± 1.11	1.85 ± 0.24	3.43 ± 0.39	2.08 ± 0.46	2.29 ± 0.17	
1993-94	1.02 ± 0.09	2.11 ± 0.29	2.13 ± 0.38	4.33 ± 0.31	1.25 ± 0.14	2.02 ± 0.15	
1994-95	1.25 ± 0.29	1.31 ± 0.24	1.54 ± 0.19	3.69 ± 0.50	2.21 ± 0.13	1.80 ± 0.11	
1995-96	1.26 ± 0.15	2.72 ± 0.31	1.47 ± 0.15	3.76 ± 0.57	2.14 ± 0.17	1.95 ± 0.11	
1996-97	1.47 ± 0.23	2.78 ± 0.47	1.77 ± 0.13	3.68 ± 0.27	2.16 ± 0.49	2.44 ± 0.18	
1997-98	1.36 ± 0.39	1.52 ± 0.32	1.73 ± 0.18	4.42 ± 0.31	2.88 ± 0.27	2.47 ± 0.12	
1998-99	1.25 ± 0.07	3.10 ± 0.64	1.50 ± 0.12	3.91 ± 0.25	2.56 ± 0.34	2.39 ± 0.11	
1999-2000	1.10 ± 0.28	2.25 ± 0.40	1.38 ± 0.08	4.01 ± 0.60	2.12 ± 0.21	2.13 ± 0.15	

Table D.6. (Cont'd.)

Species Year	Area					Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
All species combined ^b (Cont'd.)						
2000-01	1.34 ± 0.45	3.57 ± 0.32	1.08 ± 0.08	4.54 ± 0.39	2.63 ± 0.20	2.24 ± 0.10
2001-02	1.25 ± 0.16	1.28 ± 0.34	1.45 ± 0.19	2.78 ± 0.61	1.81 ± 0.38	1.60 ± 0.16
2002-03	1.41 ± 0.11	1.69 ± 0.22	1.26 ± 0.17	4.32 ± 0.43	2.14 ± 0.19	1.92 ± 0.11

^a Mean weights not available for this species in this year.

^b Includes "other" species.

Table D.7. Composition (%) of "other" species caught by private-boat anglers in the TTS by year, area, and species (1983-2003). Values represent percentages of the observed coastwide total of "other" species.

Year	Common name	Scientific name	Area					Coastwide ^a
			Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
1983-84	Atlantic bonito	<u>Sarda sarda</u>			0.42	0.42		0.84
	Banded drum	<u>Larimus fasciatus</u>					0.42	0.42
	Banded rudderfish	<u>Seriola zonata</u>			2.11			2.11
	Blackfin tuna	<u>Thunnus atlanticus</u>					0.84	0.84
	Blacknose shark	<u>Carcharhinus acronotus</u>					0.42	0.42
	Blue runner	<u>Caranx crysos</u>					1.27	1.69
	Bluefish	<u>Pomatomus saltatrix</u>			4.22			4.64
	Bony fish sp.	<u>Class Osteichthyes</u>			0.84			0.84
	Cero	<u>Scomberomorus regalis</u>			1.69			1.69
	Crevalle jack	<u>Caranx hippos</u>		0.42	4.22			14.35
	Dusky shark	<u>Carcharhinus obscurus</u>					9.28	11.81
	Finetooth shark	<u>Carcharhinus isodon</u>			0.42			1.27
	Florida pompano	<u>Trachinotus carolinus</u>			0.84			0.84
	Gag	<u>Myxerperca microlepis</u>			1.27			1.27
	Goliath grouper	<u>Epinephelus itajara</u>					0.42	0.42
	Gray snapper	<u>Lutjanus griseus</u>					2.11	2.11
	Great barracuda	<u>Sphyrna barracuda</u>			0.84			0.84
	Gulf kingfish	<u>Menticirrhus littoralis</u>			7.17			7.17
	Ladyfish	<u>Elops saurus</u>			0.42			0.42
	Northern kingfish	<u>Menticirrhus saxatilis</u>			0.42			0.42
	Pigfish	<u>Orthopristis chrysoptera</u>			2.95			2.95
	Requiem shark sp.	Family Carcharhinidae					0.84	0.84
	Rock hind	<u>Epinephelus adscensionis</u>					0.84	0.84
	Sailfish	<u>Istiophorus platypterus</u>					1.27	1.27
	Sandbar shark	<u>Carcharhinus plumbeus</u>					0.84	0.84
	Sea bass sp.	Family Serranidae					0.42	0.42
	Sharksucker	<u>Echeneis naucrates</u>					1.27	1.27
	Sheepshead	<u>Archosargus probatocephalus</u>						7.59
	Silver seatrout	<u>Cynoscion nothus</u>			7.17			22.36
	Southern flounder	<u>Paralichthys lethostigma</u>			22.36			0.84
	Southern kingfish	<u>Menticirrhus americanus</u>			0.42			4.64
	Tripletail	<u>Lobotes surinamensis</u>		0.42	4.22			0.42
	Warsaw grouper	<u>Epinephelus nigritus</u>			0.42			0.42
1984-85	Atlantic bonito	<u>Sarda sarda</u>			0.32			0.32
	Blue runner	<u>Caranx crysos</u>					0.63	1.27
	Bluefish	<u>Pomatomus saltatrix</u>			11.71			12.34
	Bonnethead	<u>Sphyrna tiburo</u>			0.95			0.95
	Crevalle jack	<u>Caranx hippos</u>			2.53			5.70
	Finetooth shark	<u>Carcharhinus isodon</u>			0.63			0.63

Table D.7. (Cont'd.)

Year	Common name	Scientific name	Area					Coastwide *
			Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
1984-85 (Cont'd.)								
	Florida pompano	<u>Trachinotus carolinus</u>			0.32		0.32	
	Gafftopsail catfish	<u>Bagre marinus</u>			3.80		3.80	
	Gag	<u>Mycteroperca microlepis</u>			0.32		0.32	
	Gray snapper	<u>Lutjanus griseus</u>				0.32	0.32	
	Great barracuda	<u>Sphyrna barracuda</u>				0.63	0.63	
	Gulf kingfish	<u>Menticirrhus litoralis</u>			1.90	1.90	4.11	
	Ladyfish	<u>Elops saurus</u>			0.63		0.63	
	Pigfish	<u>Orthopristis chrysoptera</u>			1.58	0.32	1.90	
	Pinfish	<u>Lagodon rhomboides</u>			0.32	0.32	0.32	
	Pompano dolphin	<u>Coryphaena equisetis</u>			0.63		0.63	
	Rainbow runner	<u>Elagatis bipinnulata</u>			0.32	0.32	0.63	
	Requiem shark sp.	Family <u>Carcharhinidae</u>			0.32	0.32	0.63	
	Rock sea bass	<u>Centropristis philadelphica</u>			0.32	0.32	0.32	
	Sandbar shark	<u>Carcharhinus plumbeus</u>			0.32	0.32	0.63	
	Scalloped hammerhead	<u>Sphyrna lewini</u>		0.63	6.33	0.32	0.32	
	Sheepshead	<u>Archosargus probatocephalus</u>			31.65	0.32	7.28	
	Silver seatrout	<u>Cynoscion nothus</u>			1.90	1.58	51.58	
	Southern flounder	<u>Paralichthys lethostigma</u>		0.32		1.58	1.58	
	Southern kingfish	<u>Menticirrhus americanus</u>			0.32	19.94	2.22	
	Spinner shark	<u>Carcharhinus brevipinna</u>			0.32	0.32	0.32	
	Tarpon	<u>Megalops atlanticus</u>			0.32	0.32	0.32	
	Yellowedge grouper	<u>Epinephelus flavolimbatus</u>			0.32	0.32	0.32	
1985-86								
	Atlantic bonito	<u>Sarda sarda</u>			0.56	2.61	3.17	
	Black grouper	<u>Mycteroperca bonaci</u>			0.37		0.37	
	Blackfin tuna	<u>Thunnus atlanticus</u>			0.19		0.19	
	Blue runner	<u>Caranx crysos</u>			0.74	6.70	7.45	
	Bluefish	<u>Pomatomus saltatrix</u>			1.68	0.37	2.05	
	Bonnethead	<u>Sphyrna tiburo</u>			0.19		0.19	
	Bull shark	<u>Carcharhinus leucas</u>			0.56		0.56	
	Cero	<u>Scomberomorus regalis</u>				0.19	0.19	
	Crevalle jack	<u>Caranx hippos</u>			3.35	1.12	5.21	
	Dolphin sp.	Family <u>Coryphaenidae</u>			0.37		0.37	
	Dusky shark	<u>Carcharhinus obscurus</u>				3.17	3.17	
	Florida pompano	<u>Trachinotus carolinus</u>			2.42	0.19	2.61	
	Gafftopsail catfish	<u>Bagre marinus</u>			2.05		2.05	
	Great barracuda	<u>Sphyrna barracuda</u>			0.56		0.56	
	Gulf kingfish	<u>Menticirrhus litoralis</u>			1.30		1.30	
	Hardhead catfish	<u>Arius felis</u>				0.37	0.37	
	Jack sp.	Family <u>Carangidae</u>				0.37	0.37	
	Ladyfish	<u>Elops saurus</u>			0.19		0.37	

Table D.7. (Cont'd.)

Year	Common name	Scientific name	Area					Coastwide *
			Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
1985-86 (Cont'd.)								
	Lemon shark	<u>Negaprion brevirostris</u>						0.19
	Pigfish	<u>Orthopristis chrysoptera</u>			0.37		0.19	0.37
	Pompano dolphin	<u>Coryphaena equisetis</u>			0.19			0.19
	Rainbow runner	<u>Elagatis bipinnulata</u>			0.74			0.74
	Remora	<u>Remora remora</u>				0.74		0.74
	Requiem shark sp.	Family <u>Carcharhinidae</u>			3.35			3.35
	Sand tiger sp.	Family <u>Odontaspidae</u>						0.19
	Scamp	<u>Mycteroperca phenax</u>		0.19				0.19
	Sea bass sp.	Family <u>Serranidae</u>			0.19			0.19
	Sheepshead	Family <u>Serranidae</u>			0.19			0.19
	Silver seatrout	<u>Archosargus probatocephalus</u>			4.47			5.21
	Skipjack tuna	<u>Cynoscion nothus</u>			50.84			51.21
	Smooth puffer	<u>Katsuwonus pelamis</u>		0.19				0.19
	Snapper sp.	<u>Lagocephalus laevis</u>			0.19			0.19
	Snowy grouper	Family <u>Lutjanidae</u>			1.86			1.86
	Southern flounder	<u>Epinephelus niveatus</u>			0.19		0.19	0.19
	Southern kingfish	<u>Paralichthys lethostigma</u>			0.74			0.74
	Tarpon	<u>Menticirrhus americanus</u>						0.19
	Warsaw grouper	<u>Megalops atlanticus</u>						0.19
	Yellowtail snapper	<u>Epinephelus nigritus</u>		0.19				0.19
		<u>Ocyurus chrysurus</u>			0.19			0.19
1986-87								
	Atlantic bonito	<u>Sarda sarda</u>		0.64				0.64
	Blue runner	<u>Caranx crysos</u>			1.27			1.27
	Bluefish	<u>Pomatomus saltatrix</u>			1.27			1.27
	Bonnethead	<u>Sphyrna tiburo</u>			0.64			0.64
	Bull shark	<u>Carcharhinus leucas</u>						0.64
	Crevalle jack	<u>Caranx hippos</u>		0.64				1.91
	Gafftopsail catfish	<u>Bagre marinus</u>			2.55			2.55
	Gulf kingfish	<u>Menticirrhus littoralis</u>			30.57			30.57
	Hardhead catfish	<u>Arius felis</u>			1.91			1.91
	Jack sp.	Family <u>Carangidae</u>			1.91			1.91
	Ladyfish	<u>Elops saurus</u>			0.64			0.64
	Pigfish	<u>Orthopristis chrysoptera</u>			0.64			0.64
	Pinfish	<u>Lagodon rhomboides</u>			0.64			0.64
	Remora	<u>Remora remora</u>			0.64			1.27
	Requiem shark sp.	Family <u>Carcharhinidae</u>			5.73			7.01
	Rock hind	<u>Epinephelus adscensionis</u>			1.27			1.27
	Rock sea bass	<u>Centropristis philadelphica</u>						1.27
	Sheepshead	<u>Archosargus probatocephalus</u>			21.66			26.75
	Silver seatrout	<u>Cynoscion nothus</u>						5.10
	Smalltail shark	<u>Carcharhinus porosus</u>		7.01				7.01

Table D.7. (Cont'd.)

Year	Common name	Scientific name	Area						Coastwide ^a
			Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
1986-87 (Cont'd.)									
	Southern flounder	<u>Paralichthys lethostigma</u>			0.64			0.64	
	Southern kingfish	<u>Menticirrhus americanus</u>			2.55			2.55	
	Warsaw grouper	<u>Epinephelus nigritus</u>			3.18		1.27	4.46	
1987-88									
	Atlantic bonito	<u>Sarda sarda</u>			0.55			0.55	
	Atlantic cutlassfish	<u>Trichiurus lepturus</u>	0.55					0.55	
	Blue runner	<u>Caranx crysos</u>			0.55	1.66		2.21	
	Bluefish	<u>Pomatomus saltatrix</u>			0.55	1.10		1.66	
	Bonnethead	<u>Sphyrna tiburo</u>		1.10	3.31			4.42	
	Bull shark	<u>Carcharhinus leucas</u>			1.10			1.10	
	Crevalle jack	<u>Caranx hippos</u>			2.76	4.42		7.18	
	Florida pompano	<u>Trachinotus carolinus</u>	0.55		3.31	1.10		4.97	
	Gafftopsail catfish	<u>Bagre marinus</u>	5.52		7.18			12.71	
	Gulf kingfish	<u>Menticirrhus littoralis</u>			6.63			6.63	
	Gulf toadfish	<u>Opsanus beta</u>			0.55			0.55	
	Hardhead catfish	<u>Arius felis</u>	1.10			2.76		3.87	
	Ladyfish	<u>Elops saurus</u>		1.10	0.55			1.66	
	Lemon shark	<u>Negaprion brevirostris</u>			2.21	0.55		2.76	
	Pigfish	<u>Orthopristis chrysoptera</u>		4.97	1.10			6.07	
	Requiem shark sp.	Family Carcharhinidae			6.63			6.63	
	Sheepshead	<u>Archosargus probatocephalus</u>	4.42		3.31			7.73	
	Southern flounder	<u>Paralichthys lethostigma</u>	6.63		2.21			8.84	
	Southern kingfish	<u>Menticirrhus americanus</u>		1.66	13.26	0.55		15.47	
	Spinner shark	<u>Carcharhinus brevipinna</u>		0.55	0.55			1.10	
	Tarpon	<u>Megalops atlanticus</u>			1.10		2.21	3.31	
	Warsaw grouper	<u>Epinephelus nigritus</u>							
1988-89									
	Blue runner	<u>Caranx crysos</u>			2.01	1.61		3.62	
	Bluefish	<u>Pomatomus saltatrix</u>	0.40		1.20	0.40		2.00	
	Bonnethead	<u>Sphyrna tiburo</u>			2.41			2.41	
	Cero	<u>Scomberomorus regalis</u>			2.81	5.62		8.43	
	Crevalle jack	<u>Caranx hippos</u>	0.40		0.40			0.80	
	Finetooth shark	<u>Carcharhinus isodon</u>	0.40		10.04			10.44	
	Florida pompano	<u>Trachinotus carolinus</u>	1.61					1.61	
	Gafftopsail catfish	<u>Bagre marinus</u>							
	Goliath grouper	<u>Epinephelus itajara</u>							
	Gulf flounder	<u>Paralichthys albigutta</u>			18.47	2.81		21.28	
	Gulf kingfish	<u>Menticirrhus littoralis</u>	4.02		0.40			4.42	
	Hardhead catfish	<u>Arius felis</u>			0.40			0.40	
	Ladyfish	<u>Elops saurus</u>			0.40			0.40	
	Lemon shark	<u>Negaprion brevirostris</u>							

Table D.7. (Cont'd.)

Year	Common name	Scientific name	Area					Coastwide ^a
			Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
1988-89 (Cont'd.)								
	Pigfish	<u>Orthopristis chrysoptera</u>	2.81	6.83	1.61	0.40	10.04	
	Requiem shark sp.	Family <u>Carcharhinidae</u>				0.40	2.01	
	Rock hind	<u>Epinephelus adscensionis</u>				0.40	0.40	
	Sandbar shark	<u>Carcharhinus plumbeus</u>			4.02	1.61	4.02	
	Sheepshead	<u>Archosargus probatocephalus</u>	1.61		3.61	1.61	6.83	
	Silver seatrout	<u>Cynoscion nothus</u>			0.40	0.40	0.40	
	Southern flounder	<u>Paralichthys lethostigma</u>	4.02		1.61	0.40	6.02	
	Southern kingfish	<u>Menticirrhus americanus</u>	0.40		10.04	1.20	10.44	
	Spinner shark	<u>Carcharhinus brevipinna</u>			0.40	0.40	1.20	
	Tarpon	<u>Megalops atlanticus</u>				0.40	0.40	
	Warsaw grouper	<u>Epinephelus nigritus</u>				1.20	1.61	
1989-90								
	Blue runner	<u>Caranx crysos</u>		11.96		4.35	16.30	
	Bluefish	<u>Pomatomus saltatrix</u>		2.17			2.17	
	Bonnethead	<u>Sphyrna tiburo</u>			14.13		14.13	
	Crevalle jack	<u>Caranx hippos</u>				5.43	5.43	
	Gafftopsail catfish	<u>Bagre marinus</u>	1.09		2.17		3.26	
	Gulf kingfish	<u>Menticirrhus littoralis</u>			1.09		1.09	
	Hardhead catfish	<u>Arius felis</u>	5.43			2.17	7.61	
	Ladyfish	<u>Elops saurus</u>			7.61	6.52	6.52	
	Pigfish	<u>Orthopristis chrysoptera</u>					7.61	
	Pinfish	<u>Lagodon rhomboides</u>	1.09			1.09	1.09	
	Pompano dolphin	<u>Coryphaena equisetis</u>			6.52		6.52	
	Remora	<u>Remora remora</u>		1.09			1.09	
	Requiem shark sp.	Family <u>Carcharhinidae</u>				8.70	8.70	
	Silky shark	<u>Carcharhinus falciformis</u>					1.09	
	Silver seatrout	<u>Cynoscion nothus</u>	2.17		9.78		11.96	
	Southern flounder	<u>Paralichthys lethostigma</u>	1.09				1.09	
	Southern kingfish	<u>Menticirrhus americanus</u>		1.09	1.09	1.09	3.26	
	Warsaw grouper	<u>Epinephelus nigritus</u>					1.09	
1990-91								
	Bluefish	<u>Pomatomus saltatrix</u>		0.90	9.42	3.14	13.45	
	Bonnethead	<u>Sphyrna tiburo</u>			4.04		4.04	
	Bull shark	<u>Carcharhinus leucas</u>			0.45		0.45	
	Combtooth blennie sp.	Family <u>Blenniidae</u>				0.90	0.90	
	Crevalle jack	<u>Caranx hippos</u>	0.45	1.35		2.24	4.04	
	Drum sp.	Family <u>Sciaenidae</u>			0.45		0.45	
	Florida pompano	<u>Trachinotus carolinus</u>			0.90	0.45	1.35	
	Gafftopsail catfish	<u>Bagre marinus</u>			0.90		0.90	
	Gag	<u>Myxerperca microlepis</u>			0.45		0.45	
	Gray angelfish	<u>Pomacanthus arcuatus</u>			0.45		0.45	

Table D.7. (Cont'd.)

Year	Common name	Scientific name	Area					Coastwide ^a
			Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
1990-91 (Cont'd.)								
	Great barracuda	<u>Sphyrna barracuda</u>					0.90	0.90
	Gulf kingfish	<u>Menticirrhus littoralis</u>			0.90		0.45	1.35
	Gulf toadfish	<u>Opsanus beta</u>			0.45		0.45	0.45
	Hardhead catfish	<u>Arius felis</u>	0.90	7.17	0.90		0.45	8.52
	Jack sp.	Family Carangidae						0.90
	Ladyfish	<u>Elops saurus</u>	0.90		0.45			0.45
	Pigfish	<u>Orthopristis chrysoptera</u>					0.90	2.69
	Pinfish	<u>Lagodon rhomboides</u>					1.79	1.79
	Pompano dolphin	<u>Coryphaena equisetis</u>			0.45			0.45
	Requiem shark sp.	Family Carcharhinidae	4.93		2.24		1.35	8.52
	Sheepshead	<u>Archosargus probatocephalus</u>	2.69		1.35		3.59	7.62
	Silver seatrout	<u>Cynoscion nothus</u>			6.28			6.28
	Snapper sp.	Family Lutjanidae			18.83		0.90	18.83
	Southern flounder	<u>Paralichthys lethostigma</u>		0.90	0.45			2.24
	Southern kingfish	<u>Menticirrhus americanus</u>	1.35		4.93		0.45	6.28
	Spinner shark	<u>Carcharhinus brevipinna</u>			0.45		0.45	0.90
	Tripletail	<u>Lobotes surinamensis</u>	3.14		0.45			3.59
	Warsaw grouper	<u>Epinephelus nigritus</u>			0.90			0.90
	Yellowtail snapper	<u>Ocyurus chrysurus</u>					0.90	0.90
1991-92								
	Almaco jack	<u>Seriola rivoliana</u>			0.76			0.76
	Blue runner	<u>Caranx crysos</u>	5.73		0.38			6.11
	Bluefish	<u>Pomatomus saltatrix</u>	6.87		4.96		1.91	13.74
	Bluntnose stingray	<u>Dasyatis say</u>	0.38					0.38
	Bonnethead	<u>Sphyrna tiburo</u>	1.91		1.15			3.05
	Bull shark	<u>Carcharhinus leucas</u>			0.38			0.38
	Crevalle jack	<u>Caranx hippos</u>	0.76				1.15	2.29
	Gafftopsail catfish	<u>Baore marinus</u>	1.15		1.15			2.29
	Gag	<u>Mycteroperca microlepis</u>						0.38
	Great hammerhead	<u>Sphyrna mokarran</u>			0.38			0.38
	Gulf flounder	<u>Paralichthys albigutta</u>					0.38	0.38
	Gulf kingfish	<u>Menticirrhus littoralis</u>			0.38			0.38
	Ladyfish	<u>Elops saurus</u>			1.15			1.53
	Pigfish	<u>Orthopristis chrysoptera</u>			4.20			4.20
	Remora	<u>Remora remora</u>					0.38	0.38
	Requiem shark sp.	Family Carcharhinidae	1.53		2.29			3.82
	Sheepshead	<u>Archosargus probatocephalus</u>	4.96		0.38		0.76	5.34
	Silver seatrout	<u>Cynoscion nothus</u>			30.92			31.68
	Silverstripe halfbeak	<u>Hyporhamphus unifasciatus</u>	1.15				1.53	1.15
	Southern flounder	<u>Paralichthys lethostigma</u>	8.40					11.07
	Southern kingfish	<u>Menticirrhus americanus</u>	3.05		1.15		1.53	5.73

Table D.7. (Cont'd.)

Year	Common name	Scientific name	Area						Coastwide *
			Sabine Lake	Galveston	Mattagorda	Corpus Christi	Lower Laguna Madre		
1991-92 (Cont'd.)									
	Speckled worm eel	<u>Myrophis punctatus</u>	0.38						0.38
	Spinner shark	<u>Carcharhinus brevipinna</u>				0.76			0.76
	Tripletail	<u>Lobotes surinamensis</u>	2.29		0.38				2.67
	Warsaw grouper	<u>Epinephelus nigritus</u>			0.76				0.76
1992-93									
	Atlantic stingray	<u>Dasvatis sabina</u>	0.66						1.32
	Bigeye	<u>Priscanthus arenatus</u>			0.66			0.66	1.32
	Bluefish	<u>Pomatomus saltatrix</u>	18.42		14.47			0.66	36.84
	Bonnethead	<u>Sphyrna tiburo</u>			0.66				0.66
	Bony fish sp.	Class Osteichthyes		1.32					1.32
	Bull shark	<u>Carcharhinus leucas</u>		0.66					0.66
	Crevalle jack	<u>Caranx hippos</u>	0.66						5.92
	Cubbyu	<u>Equetus umbrosus</u>			1.32				0.66
	Finetooth shark	<u>Carcharhinus isodon</u>			0.66				0.66
	Florida pompano	<u>Trachinotus carolinus</u>			0.66				0.66
	Gafftopsail catfish	<u>Bagre marinus</u>			0.66				0.66
	Gray snapper	<u>Lutjanus griseus</u>	6.58						6.58
	Great barracuda	<u>Sphyrna barracuda</u>			0.66			0.66	0.66
	Great hammerhead	<u>Sphyrna mokarran</u>			0.66			0.66	0.66
	Gulf flounder	<u>Paralichthys albigutta</u>							0.66
	Gulf kingfish	<u>Menticirrhus littoralis</u>			10.53		0.66		10.53
	Ladyfish	<u>Elops saurus</u>			1.32				1.32
	Pompano dolphin	<u>Coryphaena equisetis</u>			0.66				0.66
	Red hind	<u>Epinephelus guttatus</u>			2.63				2.63
	Requiem shark sp.	Family Carcharhinidae	0.66						1.97
	Shark sp.	Order Lamniformes/Squaliformes					1.32		2.63
	Sheepshead	<u>Archosargus probatocephalus</u>	1.97						3.29
	Silver seatrout	<u>Cynoscion nothus</u>			1.32				0.66
	Smooth puffer	<u>Lagocephalus laevigatus</u>			0.66				0.66
	Southern flounder	<u>Paralichthys lethostigma</u>			7.24				7.89
	Southern kingfish	<u>Menticirrhus americanus</u>	3.95		2.63				6.58
	Southern stingray	<u>Dasvatis americana</u>			0.66				0.66
	Tripletail	<u>Lobotes surinamensis</u>	0.66						0.66
	Wahoo	<u>Acanthocybium solandri</u>			0.66				0.66
1993-94									
	Atlantic bonito	<u>Sarda sarda</u>							1.66
	Bigeye	<u>Priscanthus arenatus</u>						1.66	1.66
	Bluefish	<u>Pomatomus saltatrix</u>	2.76		1.66				12.71
	Bonnethead	<u>Sphyrna tiburo</u>			1.66				1.66
	Crevalle jack	<u>Caranx hippos</u>			2.21			1.66	4.42
	Dog snapper	<u>Lutjanus jocu</u>						0.55	2.76

Table D.7. (Cont'd.)

Year	Common name	Scientific name	Area					Coastwide ^a
			Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
1993-94 (Cont'd.)								
	Finetooth shark	<u>Carcharhinus isodon</u>			1.66			1.66
	Gafftopsail catfish	<u>Bagre marinus</u>	1.66					1.66
	Gray snapper	<u>Lutjanus griseus</u>			0.55		0.55	0.55
	Great barracuda	<u>Sphyrna barracuda</u>						0.55
	Gulf kingfish	<u>Menticirrhus littoralis</u>	1.66					1.66
	Ladyfish	<u>Elops saurus</u>	1.66					1.66
	Pompano dolphin	<u>Coryphaena equisetis</u>			3.31			3.31
	Remora	<u>Remora remora</u>			0.55			0.55
	Requiem shark sp.	Family <u>Carcharhinidae</u>						0.55
	Rock hind	<u>Epinephelus adscensionis</u>				0.55		4.42
	Sailfish	<u>Istiophorus platypterus</u>			0.55			0.55
	Sand tiger	<u>Odontaspis taurus</u>		1.66				1.66
	Sea bass sp.	Family <u>Serranidae</u>			0.55			0.55
	Sheepshead	<u>Archosargus probatocephalus</u>	3.87		37.57			48.07
	Southern flounder	<u>Paralichthys lethostigma</u>	0.55		1.10		0.55	3.31
	Southern kingfish	<u>Menticirrhus americanus</u>	2.21				0.55	2.76
	Tripletail	<u>Lobotes surinamensis</u>	0.55					0.55
	Wahoo	<u>Acanthocybium solandri</u>			0.55			0.55
	Yellowfin tuna	<u>Thunnus albacares</u>		0.55				0.55
1994-95								
	Almaco jack	<u>Seriola rivoliana</u>			4.61			5.53
	Atlantic bonito	<u>Sarda sarda</u>		0.92	0.46		0.46	0.92
	Atlantic stingray	<u>Dasyatis sabina</u>	0.46					0.46
	Blue runner	<u>Caranx crysos</u>						1.38
	Bluefish	<u>Pomatomus saltatrix</u>		0.46	0.46			1.38
	Bonnethead	<u>Sphyrna tiburo</u>	1.38		1.38			2.76
	Bull shark	<u>Carcharhinus leucas</u>	1.84		0.46			3.23
	Crevalle jack	<u>Caranx hippos</u>	1.38					1.84
	Finetooth shark	<u>Carcharhinus isodon</u>			0.46		1.84	2.30
	Gafftopsail catfish	<u>Bagre marinus</u>	3.23		8.76			12.44
	Gag	<u>Myxeroperca microlepis</u>		0.46				0.46
	Gray snapper	<u>Lutjanus griseus</u>					0.46	0.46
	Gulf flounder	<u>Paralichthys albigutta</u>		1.84				19.35
	Gulf kingfish	<u>Menticirrhus littoralis</u>					1.84	1.84
	Hardhead catfish	<u>Arius felis</u>	0.46		9.68			9.68
	Ladyfish	<u>Elops saurus</u>			1.38			0.46
	Pigfish	Order <u>Orthopristis chrysoptera</u>	0.46		0.92		17.05	1.38
	Requiem shark sp.	Family <u>Carcharhinidae</u>			0.46			1.38
	Rock hind	<u>Epinephelus adscensionis</u>						0.46
	Scalloped hammerhead	<u>Sphyrna lewini</u>			0.46		1.84	1.84
	Shark sp.	Order <u>Lamniformes/Squaliformes</u>		0.46				0.46

Table D.7. (Cont'd.)

Year	Common name	Scientific name	Area						Coastwide *
			Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
1994-95 (Cont'd.)									
	Sheepshead	<u>Archosargus probatocephalus</u>	6.91	3.69	1.84			12.44	
	Southern flounder	<u>Paralichthys lethostigma</u>	0.92	3.69	1.84	1.38		7.83	
	Spinner kingfish	<u>Menticirrhus americanus</u>		3.69	2.76		0.46	6.91	
	Striped mullet	<u>Carcharhinus brevipinna</u>			0.46			0.46	
	Tripletail	<u>Mugil cephalus</u>	1.84					1.84	
	Warsaw grouper	<u>Lobotes surinamensis</u>	0.46			0.46		0.92	
		<u>Epinephelus nigritus</u>			0.46			0.46	
1995-96									
	Atlantic needlefish	<u>Strongylura marina</u>	0.40					0.40	
	Blacknose shark	<u>Carcharhinus acronotus</u>			1.59			1.59	
	Bluefish	<u>Pomatomus saltatrix</u>	1.59	6.35	0.79	0.79		9.52	
	Bonnethead	<u>Sphyrna tiburo</u>		0.79	1.98			2.78	
	Bull shark	<u>Carcharhinus leucas</u>	0.40	1.19				1.59	
	Crevalle jack	<u>Caranx hippos</u>		0.79	0.40	1.98		3.17	
	Dog snapper	<u>Lutjanus jocu</u>				0.40		0.40	
	Dusky shark	<u>Carcharhinus obscurus</u>			0.40			0.40	
	Finetooth shark	<u>Carcharhinus isodon</u>			0.79	0.40		1.19	
	Florida pompano	<u>Trachinotus carolinus</u>	0.79	0.79				0.79	
	Gafftopsail catfish	<u>Bagre marinus</u>		1.59	3.97			6.35	
	Gray snapper	<u>Lutjanus griseus</u>		1.59	0.40		1.19	3.17	
	Great barracuda	<u>Sphyrna barracuda</u>				0.40		0.40	
	Gulf kingfish	<u>Menticirrhus littoralis</u>	0.79					4.37	
	Gulf menhaden	<u>Brevoortia patronus</u>	0.40					0.40	
	Hardhead catfish	<u>Arius felis</u>	0.79					0.79	
	Pigfish	<u>Orthopristis chrysoptera</u>		0.40	0.40			0.79	
	Planehead filefish	<u>Monacanthus hispidus</u>					0.40	0.40	
	Red hind	<u>Epinephelus guttatus</u>			0.79			0.79	
	Requiem shark sp.	Family <u>Carcharhinidae</u>			0.40			0.40	
	Rock hind	<u>Epinephelus adscensionis</u>			5.16			5.16	
	Sea bass sp.	Family <u>Serranidae</u>			0.40			0.40	
	Shark sp.	Order <u>Lamniformes/Squaliformes</u>	1.98	5.56				5.56	
	Sheepshead	<u>Archosargus probatocephalus</u>		2.38	1.59	5.95		11.90	
	Silver seatrout	<u>Cynoscion nothus</u>			5.56			5.56	
	Smooth puffer	<u>Lagocephalus laevis</u>						1.59	
	Southern flounder	<u>Paralichthys lethostigma</u>			3.97		0.40	4.37	
	Southern kingfish	<u>Menticirrhus americanus</u>		0.79	8.33			9.13	
	Spinner shark	<u>Carcharhinus brevipinna</u>		1.19	0.79			1.98	
	Striped mullet	<u>Mugil cephalus</u>	3.17					3.17	
	Tomtate	<u>Haemulon aurolineatum</u>			0.40			0.40	
	Tripletail	<u>Lobotes surinamensis</u>	10.32	0.40	0.40			11.11	

Table D.7. (Cont'd.)

Year	Common name	Scientific name	Area						Coastwide ^a
			Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
1996-97	Almaco jack	<u>Seriola rivoliana</u>		0.90					0.90
	Atlantic stingray	<u>Dasyatis sabina</u>			0.45				0.45
	Blue runner	<u>Caranx crysos</u>		1.35					1.35
	Bluefish	<u>Pomatomus saltatrix</u>		0.90		0.45			2.24
	Bonnethead	<u>Sphyrna tiburo</u>	1.35	0.45	0.90	0.45		0.45	2.24
	Crevalle jack	<u>Caranx hippos</u>			0.45				1.79
	Finetooth shark	<u>Carcharhinus isodon</u>		0.45					0.45
	Florida pompano	<u>Trachinotus carolinus</u>	0.45	0.45					0.90
	Gafftopsail catfish	<u>Bagre marinus</u>	3.14	0.45	4.04	6.28			13.90
	Gag	<u>Myxeroperca microlepis</u>		0.45					0.45
	Gray snapper	<u>Lutjanus griseus</u>		1.35		0.45			1.79
	Gulf kingfish	<u>Menticirrhus littoralis</u>			13.00				13.00
	Hardhead catfish	<u>Arius felis</u>		0.90	0.45				2.24
	Ladyfish	<u>Elops saurus</u>		0.90					1.35
	Mackerel sp.	Family Scombridae		0.45					0.45
	Pigfish	<u>Orthopristis chrysoptera</u>		0.45	0.45	0.45			1.35
	Pinfish	<u>Lagodon rhomboides</u>		0.45					0.45
	Requiem shark sp.	Family Carcharhinidae							0.45
	Rock hind	<u>Epinephelus adscensionis</u>		0.45					0.45
	Shark sp.	Order Lamniformes/Squaliformes							0.45
	Sheepshead	<u>Archosargus probatocephalus</u>		2.69					2.69
	Snapper sp.	Family Lutjanidae	4.48	6.73		11.66			29.60
	Snowy grouper	<u>Epinephelus niveatus</u>		1.35					1.35
	Southern flounder	<u>Paralichthys lethostigma</u>		0.45					0.45
	Southern kingfish	<u>Menticirrhus americanus</u>		2.24					2.24
	Spinner shark	<u>Carcharhinus brevipinna</u>		0.45		1.35			1.79
	Tripletail	<u>Lobotes surinamensis</u>	13.45	0.90					0.90
1997-98	Atlantic cutlassfish	<u>Trichiurus lepturus</u>		0.69					0.69
Bermuda chub	<u>Kyphosus sectatrix</u>						3.47	3.47	
Bluefish	<u>Pomatomus saltatrix</u>	0.69		0.69				1.39	
Bonnethead	<u>Sphyrna tiburo</u>			0.69				0.69	
Bony fish sp.	Class Osteichthyes	1.39						1.39	
Bull shark	<u>Carcharhinus leucas</u>							0.69	
Crevalle jack	<u>Caranx hippos</u>	0.69		0.69	4.17			5.56	
Cubera snapper	<u>Lutjanus cyanopterus</u>						0.69	0.69	
Dog snapper	<u>Lutjanus jocu</u>			0.69				0.69	
Drum sp.	Family Sciaenidae			4.17				4.17	
Finetooth shark	<u>Carcharhinus isodon</u>						4.86	4.86	
Florida pompano	<u>Trachinotus carolinus</u>	0.69	0.69	1.39	0.69			3.47	
Gafftopsail catfish	<u>Bagre marinus</u>			7.64				7.64	

Table D.7. (Cont'd.)

Year	Common name	Scientific name	Area						Coastwide ^a
			Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
1997-98 (Cont'd.)									
	Gray snapper	<i>Lutjanus griseus</i>			0.69			3.47	4.17
	Great barracuda	<i>Sphyrna barracuda</i>				0.69	0.69		0.69
	Gulf kingfish	<i>Menticirrhus littoralis</i>			6.94		1.39		8.33
	Hardhead catfish	<i>Arius felis</i>	0.69		0.69				1.39
	Pigfish	<i>Orthopristis chrysoptera</i>	0.69					2.08	0.69
	Rock hind	<i>Epinephelus adscensionis</i>							2.08
	Shark sp.	Order Lamniformes/Squaliformes		1.39					1.39
	Sheepshead	<i>Archosargus probatocephalus</i>	6.94	2.78	1.39	3.47	3.47		14.58
	Southern flounder	<i>Paralichthys lethostigma</i>	2.78		4.17				6.94
	Southern kingfish	<i>Menticirrhus americanus</i>		1.39	3.47		10.42		15.28
	Southern stingray	<i>Dasyatis americana</i>					1.39		1.39
	Spinner shark	<i>Carcharhinus brevipinna</i>			0.69		1.39		2.08
	Tripletail	<i>Lobotes surinamensis</i>	5.56						5.56
1998-99									
	Ballyhoo	<i>Hemiramphus brasiliensis</i>		10.08					10.08
	Barréd grunt	<i>Conodon nobilis</i>					2.52		2.52
	Bermuda chub	<i>Kyphosus sectatrix</i>		0.84					0.84
	Blue runner	<i>Caranx crysos</i>		0.84			1.68		2.52
	Bluefish	<i>Pomatomus saltatrix</i>		0.84					0.84
	Bonnethead	<i>Sphyrna tiburo</i>			4.20			0.84	4.20
	Crevalle jack	<i>Caranx hippos</i>		2.52	4.20			0.84	8.40
	Dog snapper	<i>Lutjanus jocu</i>		0.84					0.84
	Family requiem sharks	Family Carcharhinidae			2.52				2.52
	Florida pompano	<i>Trachinotus carolinus</i>			0.84				0.84
	Gafftopsail catfish	<i>Bagre marinus</i>	3.36	7.56	9.24				20.17
	Great hammerhead	<i>Sphyrna mokarran</i>		0.84					0.84
	Gulf kingfish	<i>Menticirrhus littoralis</i>		0.84			0.84		4.20
	Hardhead catfish	<i>Arius felis</i>			2.52				4.20
	Ladyfish	<i>Elops saurus</i>		0.84					0.84
	Rock hind	<i>Epinephelus adscensionis</i>			5.88			0.84	6.72
	Scalloped hammerhead	<i>Sphyrna lewini</i>			1.68				2.52
	Sheepshead	<i>Archosargus probatocephalus</i>	0.84	1.68	0.84			0.84	4.20
	Silver seatrout	<i>Cynoscion nothus</i>			0.84				0.84
	Southern flounder	<i>Paralichthys lethostigma</i>		5.04	0.84			2.52	8.40
	Southern kingfish	<i>Menticirrhus americanus</i>	4.20		3.36		0.84		8.40
	Spinner shark	<i>Carcharhinus brevipinna</i>		2.52					2.52
	Tripletail	<i>Lobotes surinamensis</i>	5.88						5.88

Table D.7. (Cont'd.)

Year	Common name	Scientific name	Area						Coastwide ^a
			Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
1999-2000	Almaco jack	<u>Seriola rivoliana</u>		0.60					0.60
	Atlantic bumper	<u>Chloroscombrus chrysurus</u>		0.30				0.60	0.30
	Blue runner	<u>Caranx crysos</u>							0.60
	Bluefish	<u>Pomatomus saltatrix</u>	0.60		0.90				1.51
	Bonnethead	<u>Sphyrna tiburo</u>		0.30	1.81		0.30		2.41
	Bull shark	<u>Carcharhinus leucas</u>		0.90					0.90
	Crevalle jack	<u>Caranx hippos</u>			1.20		0.30	0.30	1.81
	Cubera snapper	<u>Lutjanus cyanopte</u>							0.30
	Florida pompano	<u>Trachinotus carolinus</u>		0.30			1.20		1.51
	Gafftopsail catfish	<u>Bagre marinus</u>	3.01	3.31	4.52				10.84
	Gag	<u>Mycteroperca microlepis</u>						0.90	0.90
	Gray snapper	<u>Lutjanus griseus</u>		1.20	1.20		1.20		3.61
	Great barracuda	<u>Sphyraena barracuda</u>					0.60		0.60
	Great hammerhead	<u>Sphyrna mokarran</u>					0.30		0.30
	Gulf kingfish	<u>Menticirrhus littoralis</u>			3.92		4.82		8.73
	Hardhead catfish	<u>Arius felis</u>		1.81	0.30		0.30		2.41
	Ladyfish	<u>Elops saurus</u>			0.60		0.30		0.90
	Lemon shark	<u>Negaprion brevirostris</u>					0.30		0.30
	Pinfish	<u>Lagodon rhomboides</u>		0.30			0.30		0.60
	Pompano dolphin	<u>Coryphaena equisetis</u>		11.14					11.14
	Red hind	<u>Epinephelus guttatus</u>			0.60		0.30		0.90
	Rock hind	<u>Epinephelus adscensionis</u>			2.71			4.22	6.93
	Rock sea bass	<u>Centropristis philadelphica</u>							0.30
	Sandbar shark	<u>Carcharhinus plumbeus</u>		0.30	0.60				0.90
	Shark sp.	Order Lamniformes/Squaliformes		0.30					0.30
	Sheepshead	<u>Archosargus probatocephalus</u>		0.90	5.42		0.30		8.73
	Silver seatrout	<u>Cynoscion nothus</u>			0.60				0.60
	Southern flounder	<u>Paralichthys lethostigma</u>		0.60	0.30				0.90
	Southern kingfish	<u>Menticirrhus americanus</u>		0.94	13.86		1.81	2.11	27.71
	Spinner shark	<u>Carcharhinus brevipinna</u>		0.60	0.90				1.51
	Unicorn filefish	<u>Aluterus monoceros</u>			0.60				0.60
	Warsaw grouper	<u>Epinephelus nigritus</u>					0.30		0.30
2000-01	Atlantic cutlassfish	<u>Trichiurus lepturus</u>		4.17	2.50				6.67
	Blue runner	<u>Caranx crysos</u>		1.67					1.67
	Bonnethead	<u>Sphyrna tiburo</u>		0.83					0.83
	Bull shark	<u>Carcharhinus leucas</u>		0.83					0.83
	Crevalle jack	<u>Caranx hippos</u>		0.83	1.67				2.50
	Dusky shark	<u>Carcharhinus obscurus</u>		0.83					0.83

Table D.7. (Cont'd.)

Year	Common name	Scientific name	Area					Coastwide ^a
			Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
2000-01 (Cont'd.)								
	Family hammerhead sharks	Family Sphyrnidae		0.83				0.83
	Family requiem sharks	Family Carcharhinidae					0.83	0.83
	Family sea catfishes	Family Arlidae		0.83				0.83
	Finescale menhaden	<u>Brevoortia gunteri</u>			0.83			0.83
	Finetooth shark	<u>Carcharhinus isodon</u>			0.83			0.83
	Florida pompano	<u>Trachinotus carolinus</u>			2.50			2.50
	Gafftopsail catfish	<u>Bagre marinus</u>		3.33	8.33		0.83	12.50
	Gag	<u>Myxeroperca microlepis</u>		0.83				1.67
	Gray snapper	<u>Lutjanus griseus</u>		3.33	5.83			9.17
	Gulf kingfish	<u>Menticirrhus littoralis</u>		2.50	6.67			9.17
	Hardhead catfish	<u>Arius felis</u>			0.83			0.83
	Rock hind	<u>Epinephelus adscensionis</u>		0.83			0.83	1.67
	Scalloped hammerhead	<u>Sphyrna lewini</u>			0.83			0.83
	Scamp	<u>Myxeroperca phenax</u>		3.33	0.83			0.83
	Shark sp.	Order Lamniformes/Squaliformes		1.67	2.50		0.83	3.33
	Sheepshead	<u>Archosargus probatocephalus</u>						4.17
	Silky shark	<u>Carcharhinus falciformis</u>		0.83	0.83			0.83
	Silver seatrout	<u>Cynoscion nothus</u>						1.67
	Smalltail shark	<u>Carcharhinus porosus</u>		0.83				0.83
	Southern flounder	<u>Paralichthys lethostigma</u>		0.83	1.67			0.83
	Southern kingfish	<u>Menticirrhus americanus</u>		0.83	20.00		0.83	21.67
	Tripletail	<u>Lobotes surinamensis</u>		5.00				5.83
	Wahoo	<u>Acanthocybium solandri</u>					0.83	0.83
	White grunt	<u>Haemulon plumieri</u>					0.83	0.83
2001-02								
	Bluefish	<u>Pomatomus saltatrix</u>		0.22				0.22
	Bonnethead	<u>Sphyrna tiburo</u>		0.87	0.65			1.52
	Bony fish sp.	Class Osteichthyes			0.65			0.65
	Bull shark	<u>Carcharhinus leucas</u>		0.22				0.22
	Crevalle jack	<u>Caranx hippos</u>		1.08	0.22		0.43	1.74
	Cubbyu	<u>Equetus umbrosus</u>			0.22			0.22
	Florida pompano	<u>Trachinotus carolinus</u>		0.43	3.47		3.90	4.34
	Gafftopsail catfish	<u>Bagre marinus</u>		0.22				8.46
	Gag	<u>Myxeroperca microlepis</u>					2.17	2.17
	Gray snapper	<u>Lutjanus griseus</u>		4.34	0.22			4.56
	Gulf kingfish	<u>Menticirrhus littoralis</u>			0.22		0.22	0.43
	Gulf menhaden	<u>Brevoortia patronus</u>		43.38				43.38
	Ladyfish	<u>Elops saurus</u>		0.22				0.22
	Pigfish	<u>Orthopristis chrysoptera</u>		3.25				3.25

Table D.7. (Cont'd.)

Year	Common name	Scientific name	Area					Coastwide *
			Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
2001-02 (Cont'd.)								
	Pinfish	<u>Lagodon rhomboides</u>		0.22				0.22
	Rock hind	<u>Epinephelus adscensionis</u>		0.22	0.43			2.60
	Scalloped hammerhead	<u>Sphyrna lewini</u>				0.22		0.22
	Scamp	<u>Mycteroperca phenax</u>		0.22			1.30	
	Sheepshead	<u>Archosargus probatocephalus</u>		8.46	1.95			11.71
	Silver seatrout	<u>Cynoscion nothus</u>		1.52	0.22			1.74
	Southern flounder	<u>Paralichthys lethostigma</u>	0.22	0.43	0.22			0.87
	Southern kingfish	<u>Menticirrhus americanus</u>		4.34	3.04		0.22	7.59
	Spinner shark	<u>Carcharhinus brevipinna</u>		1.08	0.87			1.95
	Tripletail	<u>Lobotes surinamensis</u>		0.22				0.22
	Warsaw grouper	<u>Epinephelus nigritus</u>			0.43			0.43
2002-03								
	Atlantic bonito	<u>Sarda sarda</u>						2.79
	Blue runner	<u>Caranx crysos</u>				0.31		0.31
	Bluefish	<u>Pomatomus saltatrix</u>		0.31				0.31
	Bonnethead	<u>Sphyrna tiburo</u>		0.31	0.93			1.24
	Crevalle jack	<u>Caranx hippos</u>		0.93				2.17
	Family requiem sharks	Family Carcharhinidae			0.31			0.31
	Florida pompano	<u>Trachinotus carolinus</u>				2.48		2.48
	Gafftopsail catfish	<u>Bagre marinus</u>		1.55	0.62			4.02
	Gag	<u>Mycteroperca microlepis</u>			0.31		1.55	1.86
	Gray snapper	<u>Lutjanus griseus</u>	1.86	12.69	1.24		1.24	15.48
	Great barracuda	<u>Sphyræna barracuda</u>		1.86				8.67
	Gulf kingfish	<u>Menticirrhus littoralis</u>		2.48	0.31			2.79
	Hardhead catfish	<u>Arius felis</u>		0.31	0.62			0.93
	Ladyfish	<u>Elops saurus</u>		1.55	0.31			1.86
	Pigfish	<u>Orthopristis chrysoptera</u>		1.86	3.72			5.57
	Pompano dolphin	<u>Coryphaena equisetis</u>						2.48
	Rock hind	<u>Epinephelus adscensionis</u>						0.62
	Sandbar shark	<u>Carcharhinus plumbeus</u>		0.62			2.48	0.62
	Shark sp.	Order Lamniformes/Squaliformes		9.91	6.19		2.48	19.50
	Sheepshead	<u>Archosargus probatocephalus</u>	0.93	0.31				0.31
	Silky shark	<u>Carcharhinus falciformis</u>		0.31				0.31
	Silver perch	<u>Bairdiella chrysoura</u>		0.31				0.31
	Silver seatrout	<u>Cynoscion nothus</u>		2.17	0.62			0.62
	Southern flounder	<u>Paralichthys lethostigma</u>		8.05	2.48		0.62	3.10
	Southern kingfish	<u>Menticirrhus americanus</u>				1.55		12.07

Table D.7. (Cont'd.)

Year	Common name	Scientific name	Area					Coastwide ^a
			Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
2002-03	(Cont'd.)							
	Spinner shark	<u>Carcharhinus brevipinna</u>		1.24	1.55			2.79
	Tripletail	<u>Lobotes surinamensis</u>			0.31			5.57
	Warsaw grouper	<u>Epinephelus nigritus</u>	5.26			0.31	0.31	0.62
	Yellowfin tuna	<u>Thunnus albacares</u>		0.31				0.31

^a Due to rounding of numbers, coastwide percentages may not exactly equal sum of area percentages.

Table D.8. Residential origin (%) of private-boat anglers in the TTS by area and year (1982-2003). Blanks indicate no interviews conducted.

Residence Year ^a	Area					Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
Adjacent coastal counties						
1982-83		91	50	28	71	39
1983-84		96	45	42	55	46
1984-85		100	56	38	74	48
1985-86		95	44	34	80	43
1986-87		94	52	43	65	53
1987-88	92	95	55	32	40	51
1988-89	89	88	49	39	69	49
1989-90	96	97	50	38	89	49
1990-91	84	88	45	36	39	48
1991-92	95	87	53	49	97	64
1992-93	93	91	56	36	60	52
1993-94	94	97	55	40	66	59
1994-95	86	93	43	36	50	53
1995-96	92	93	54	39	59	60
1996-97	93	92	45	39	64	61
1997-98	89	90	51	35	64	51
1998-99	96	88	51	42	62	55
1999-2000	78	92	45	35	57	54
2000-01	80	93	50	33	58	53
2001-02	87	92	52	32	57	56
2002-03	88	85	38	30	65	56
Non-adjacent coastal counties						
1982-83		0	23	10	11	13
1983-84		0	15	4	16	9
1984-85		0	12	4	1	7
1985-86		0	19	6	0	11
1986-87		0	8	2	0	4
1987-88	2	0	6	5	20	5
1988-89	3	12	18	5	0	10
1989-90	0	0	16	6	0	6
1990-91	13	2	14	8	17	10
1991-92	2	0	14	3	0	5
1992-93	4	0	15	7	9	9
1993-94	2	0	18	5	3	8
1994-95	4	0	28	4	10	11
1995-96	4	0	20	3	7	9
1996-97	1	0	24	5	8	8
1997-98	5	1	13	5	10	7
1998-99	1	0	18	5	5	8
1999-2000	14	1	20	4	16	9

Table D.8. (Cont'd.)

Residence Year ^a	Area						Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Non-adjacent coastal counties (Cont'd.)							
2000-01	7	0	21	7	5	9	
2001-02	2	0	21	13	7	12	
2002-03	6	1	18	6	4	7	
Non-coastal counties							
1982-83		9	26	56	14	43	
1983-84		0	37	51	29	43	
1984-85		0	32	54	14	42	
1985-86		5	34	56	17	44	
1986-87		6	39	49	29	40	
1987-88	4	3	37	58	40	40	
1988-89	6	0	30	55	31	40	
1989-90	4	1	31	50	11	39	
1990-91	0	8	40	50	42	40	
1991-92	1	9	30	44	3	27	
1992-93	2	8	28	55	30	37	
1993-94	5	1	26	51	31	31	
1994-95	9	6	28	58	35	35	
1995-96	1	6	25	62	32	29	
1996-97	6	7	27	53	25	28	
1997-98	6	6	35	58	22	40	
1998-99	3	12	28	51	30	36	
1999-2000	1	6	35	57	24	34	
2000-01	14	7	27	58	25	35	
2001-02	5	5	26	52	25	29	
2002-03	6	13	44	60	26	35	
Other states and countries							
1982-83		0	1	6	4	4	
1983-84		4	3	3	0	3	
1984-85		0	0	3	11	3	
1985-86		0	3	3	4	3	
1986-87		0	1	5	6	3	
1987-88	1	2	1	6	0	3	
1988-89	2	0	2	1	0	2	
1989-90	0	2	3	6	0	5	
1990-91	3	3	1	3	6	2	
1991-92	3	4	3	3	0	3	
1992-93	1	1	1	3	0	2	
1993-94	0	2	2	4	0	2	
1994-95	2	1	0	1	4	1	
1995-96	3	1	0	6	2	2	

Table D.8. (Cont'd.)

Residence Year ^a	Area					
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	Coastwide
Other states and countries (Cont'd.)						
1996-97	0	1	4	3	4	3
1997-98	0	3	1	2	3	2
1998-99	0	0	2	2	3	2
1999-2000	6	1	1	4	3	3
2000-01	0	0	2	2	12	2
2001-02	6	3	1	2	11	3
2002-03	0	2	0	4	6	3

^a Prior to May 1983 all anglers in a fishing party were assigned to the boat owner's residence.

Table D.9. Species sought (%) by private-boat anglers in the TTS by area and year (1991-2003).

Species Year	Area					Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
King mackerel						
1991-92	4.4	35.5	26.0	74.5	36.4	42.5
1992-93	5.9	26.3	15.4	70.5	33.3	39.4
1993-94	0	39.5	19.4	73.5	16.7	40.3
1994-95	4.0	17.6	10.3	75.0	31.1	36.6
1995-96	0	31.9	13.2	66.5	29.4	31.1
1996-97	3.0	25.0	10.7	64.6	40.9	34.8
1997-98	2.9	35.5	15.6	67.3	27.1	44.2
1998-99	0	11.5	11.1	59.1	34.6	35.0
1999-2000	0	21.2	6.8	69.5	10.5	35.0
2000-01	0	27.3	5.8	63.4	15.2	33.9
2001-02	0	14.7	7.2	42.3	21.4	21.1
2002-03	0	10.2	7.6	61.6	15.9	24.5
King mackerel and red snapper						
1991-92	0	3.2	0	0.7	0	0.6
1992-93	2.9	5.3	5.1	1.1	20.0	3.8
1993-94	0	2.6	6.8	2.0	0	2.9
1994-95	0	5.4	3.2	2.3	6.7	3.2
1995-96	1.6	8.0	2.4	1.9	11.8	3.8
1996-97	0	10.3	8.9	0.6	0	5.3
1997-98	0	5.3	2.1	1.3	10.4	2.7
1998-99	3.6	6.6	0	0.5	7.7	1.9
1999-2000	0	6.1	1.2	0.4	21.1	3.2
2000-01	0	5.2	0.8	0	18.2	2.6
2001-02	0	2.0	3.2	2.9	7.1	2.9
2002-03	0	3.9	1.0	0.8	4.5	2.1
King mackerel combined with cobia, dolphin, or sharks						
1991-92	0	3.2	0	3.5	0	1.7
1992-93	0	2.6	0.6	4.2	0	2.2
1993-94	0	5.3	0	5.3	0	2.7
1994-95	0	1.4	0	1.2	0	0.6
1995-96	0	1.8	0	2.5	0	1.0
1996-97	0	1.5	0	3.0	0	1.5
1997-98	5.7	3.9	0	2.0	0	1.8
1998-99	0	0	0	3.4	0	1.6
1999-2000	3.7	0	0.6	0.8	0	0.7
2000-01	0	0	0	1.7	3.0	0.9
2001-02	0	0	0	3.6	0	1.2
2002-03	3.7	0	0	5.6	0	1.9

Table D.9. (Cont'd.)

Species Year	Area					Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
Red drum						
1991-92	1.5	0	5.0	2.1	0	2.6
1992-93	8.8	2.6	1.7	0	0	1.5
1993-94	8.2	0	1.9	0.7	0	1.9
1994-95	0	2.7	2.4	2.3	0	1.9
1995-96	3.2	2.7	0.5	0	0	1.0
1996-97	9.1	5.1	2.7	0.6	4.5	3.2
1997-98	0	1.3	3.5	1.0	0	1.5
1998-99	0	9.8	0.9	0.5	0	1.9
1999-2000	3.7	10.6	5.0	0.8	0	4.2
2000-01	10.0	6.5	1.7	0.6	0	2.4
2001-02	4.0	5.9	1.6	0.7	0	2.4
2002-03	3.7	6.3	1.9	1.6	2.3	3.3
Red snapper						
1991-92	8.8	9.7	8.0	2.8	0	6.0
1992-93	5.9	0	6.3	3.2	20.0	4.9
1993-94	12.2	7.9	10.7	0	38.9	9.0
1994-95	6.0	4.1	8.7	1.7	33.3	7.5
1995-96	12.7	8.8	8.3	1.3	38.2	8.7
1996-97	21.2	13.2	18.8	2.4	18.2	11.5
1997-98	11.4	11.8	3.5	1.0	54.2	7.8
1998-99	21.4	4.9	4.6	1.4	50.0	7.0
1999-2000	11.1	4.5	4.3	0	39.5	5.2
2000-01	10.0	10.4	4.2	1.7	48.5	8.0
2001-02	8.0	4.9	8.0	5.8	35.7	8.4
2002-03	3.7	4.7	3.8	1.6	50.0	8.2
Sharks^a						
1991-92	1.5	6.5	2.0	0	0	1.4
1992-93	0	5.3	1.1	0	0	0.9
1993-94	2.0	2.6	1.9	1.3	0	1.6
1994-95	0	2.7	0.8	1.2	0	1.1
1995-96	0	1.8	0.5	1.9	0	1.0
1996-97	3.0	1.5	0.9	1.8	0	1.5
1997-98	0	5.3	0	0.7	2.1	1.2
1998-99	3.6	6.6	2.8	1.0	0	2.3
1999-2000	3.7	2.3	3.1	2.9	2.6	2.8
2000-01	5.0	3.9	0	1.7	0	1.6
2001-02	4.0	4.9	1.6	1.5	0	2.4
2002-03	0.0	1.6	1.9	2.4	0	1.6

Table D.9. (Cont'd.)

Species Year	Area					Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
Spotted seatrout						
1991-92	20.6	3.2	20.0	1.4	0	10.5
1992-93	11.8	7.9	34.3	2.1	0	15.7
1993-94	22.4	5.3	22.3	0	8.3	10.3
1994-95	28.0	9.5	29.4	0.6	0	12.6
1995-96	28.6	4.4	38.5	1.9	2.9	18.5
1996-97	24.2	1.5	18.8	0	0	6.6
1997-98	31.4	5.3	29.8	2.3	0	10.7
1998-99	25.0	4.9	42.6	1.9	0	13.9
1999-2000	22.2	7.6	32.9	6.3	2.6	14.2
2000-01	30.0	5.2	45.0	4.0	0	16.7
2001-02	36.0	16.7	33.6	3.6	0	17.5
2002-03	44.4	10.2	42.9	0	0	16.4
Spotted seatrout and red drum						
1991-92	5.9	0	8.0	0.7	0	3.7
1992-93	0	5.3	14.9	2.1	0	7.1
1993-94	4.1	5.3	16.5	0.7	0	5.8
1994-95	6.0	8.1	16.7	1.7	6.7	7.7
1995-96	9.5	4.4	21.0	0.6	2.9	9.8
1996-97	6.1	2.2	13.4	1.2	4.5	4.9
1997-98	8.6	1.3	25.5	0.3	2.1	7.0
1998-99	3.6	13.1	19.4	2.4	0	8.1
1999-2000	3.7	11.4	18.0	4.2	7.9	9.7
2000-01	10.0	3.9	20.0	3.4	6.1	8.7
2001-02	16.0	12.7	21.6	4.4	0	12.0
2002-03	14.8	21.3	12.4	3.2	4.5	11.7
Tarpon						
1991-92	0	0	0	0.7	9.1	0.6
1992-93	0	21.1	0	0	0	1.8
1993-94	0	7.9	1.0	0	0	1.1
1994-95	2.0	12.2	0	0	0	2.1
1995-96	0	6.2	0.5	0	0	1.4
1996-97	0	3.7	0	0.6	0	1.3
1997-98	0	2.6	0	0	0	0.3
1998-99	0	3.3	0	0	0	0.5
1999-2000	0	3.0	0.6	0.4	2.6	1.2
2000-01	0	6.5	0	0	0	1.2
2001-02	0	2.9	0	0	0	0.7
2002-03	0	2.4	1.0	0	0	0.9

Table D.9. (Cont'd.)

Species Year	Area					Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
Other species or combinations						
1991-92	20.6	0	8.0	2.8	18.2	8.0
1992-93	23.5	7.9	5.1	4.2	0	6.2
1993-94	14.3	7.9	6.8	2.6	8.3	6.4
1994-95	8.0	6.8	5.6	4.1	4.4	5.4
1995-96	12.7	3.5	2.4	4.4	5.9	4.5
1996-97	9.1	5.9	2.7	4.2	13.6	5.1
1997-98	14.3	9.2	5.7	8.0	0	7.3
1998-99	17.9	9.8	2.8	8.2	3.8	7.4
1999-2000	7.4	9.8	5.6	2.9	5.3	5.5
2000-01	5.0	9.1	2.5	8.6	6.1	6.6
2001-02	8.0	7.8	1.6	10.2	7.1	6.7
2002-03	11.1	11.0	7.6	7.2	9.1	8.9
No particular species						
1991-92	36.8	38.7	23.0	10.6	36.4	22.5
1992-93	41.2	15.8	15.4	12.6	26.7	16.6
1993-94	36.7	15.8	12.6	13.9	27.8	18.0
1994-95	46.0	29.7	23.0	9.9	17.8	21.2
1995-96	31.7	26.5	12.7	19.0	8.8	19.0
1996-97	24.2	30.1	23.2	21.1	18.2	24.3
1997-98	25.7	18.4	14.2	16.0	4.2	15.5
1998-99	25.0	29.5	15.7	21.6	3.8	20.4
1999-2000	44.4	23.5	21.7	11.7	7.9	18.3
2000-01	30.0	22.1	20.0	14.9	3.0	17.4
2001-02	24.0	27.5	21.6	24.8	28.6	24.7
2002-03	18.5	28.3	20.0	16.0	13.6	20.6
Number of responses						
1991-92	68	31	100	141	11	351
1992-93	34	38	175	190	15	452
1993-94	49	38	103	151	36	377
1994-95	50	74	126	172	45	467
1995-96	63	113	205	158	34	573
1996-97	33	136	112	166	22	469
1997-98	35	76	141	300	48	600
1998-99	28	61	108	208	26	431
1999-2000	27	132	161	239	38	597
2000-01	20	77	120	175	33	425
2001-02	25	102	125	137	28	417
2002-03	27	127	105	125	44	428

^a Orders Laminiformes and Squaliformes.

Table D.10. Trip satisfaction (%) of private-boat anglers in the TTS by response scale category, area, and year (1987-2003).

Area	Year	Response scale categories ^a										Mean response	No. of responses					
		0	1	2	3	4	5	6	7	8	9			10				
Sabine Lake	1987-88	24.1	7.4	5.6	3.7	3.7	25.9	3.7	1.9	7.4	7.4	7.4	7.4	7.4	9.3	4.3	54	
	1988-89	17.5	2.5	17.5	10.0	7.5	12.5	5.0	10.0	10.0	10.0	10.0	10.0	10.0	7.5	4.2	40	
	1989-90	33.3	0	22.2	0	0	22.2	0	0	0	0	0	0	0	11.1	3.6	9	
	1990-91	25.9	7.4	3.7	3.7	0	11.1	7.4	3.7	11.1	14.8	14.8	14.8	14.8	11.1	4.9	27	
	1991-92	15.4	10.8	10.8	4.6	6.2	6.2	9.2	4.6	12.3	4.6	6.3	6.3	6.3	15.4	4.8	65	
	1992-93	6.1	12.1	3.0	9.1	0	9.1	3.0	6.1	6.1	3.0	3.0	3.0	3.0	33.3	6.3	33	
	1993-94	16.7	10.4	6.2	6.2	8.3	8.3	4.2	8.3	12.5	4.2	4.2	4.2	4.2	14.6	4.8	48	
	1994-95	12.5	8.3	6.2	8.3	6.2	14.6	8.3	6.2	6.2	6.2	6.2	6.2	6.2	14.6	5.0	48	
	1995-96	6.3	1.6	4.8	9.5	4.8	19.0	3.2	6.3	17.5	4.8	4.8	4.8	4.8	22.2	6.2	63	
	1996-97	9.7	3.2	6.5	3.2	3.2	25.8	3.2	16.1	3.2	3.2	3.2	3.2	3.2	22.6	5.8	31	
	1997-98	14.3	0	5.7	11.4	2.9	11.4	11.4	17.1	2.9	8.6	8.6	8.6	8.6	14.3	5.5	35	
	1998-99	21.4	10.7	10.7	0	0	21.4	3.6	0	17.9	7.1	7.1	7.1	7.1	7.1	4.4	28	
	1999-2000	8.0	0	8.0	4.0	0	16.0	0	20.0	4.0	20.0	20.0	20.0	20.0	20.0	6.6	25	
	2000-01	15.0	0	5.0	5.0	0	15.0	0	10.0	20.0	20.0	20.0	20.0	20.0	25.0	6.2	20	
	2001-02	8.7	4.3	8.7	8.7	13.0	8.7	8.7	0	8.7	13.0	13.0	13.0	13.0	26.1	6.0	23	
	2002-03	3.6	3.6	7.1	7.1	17.9	17.9	3.6	0	7.1	7.1	7.1	7.1	7.1	28.6	6.0	28	
	Galveston	1987-88	0	5.0	15.0	0	0	15.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	30.0	6.6	20
		1988-89	12.5	0	25.0	25.0	12.5	0	0	12.5	12.5	12.5	12.5	12.5	12.5	0	3.6	8
		1989-90	25.9	3.7	7.4	3.7	3.7	14.8	7.4	3.7	7.4	0	0	0	0	22.2	4.7	27
		1990-91	16.7	4.2	12.5	8.3	0	16.7	8.3	4.2	16.7	0	0	0	0	12.5	4.8	24
1991-92		16.1	0	12.9	6.5	3.2	6.5	6.5	6.5	12.9	6.5	6.5	6.5	6.5	22.6	5.6	31	
1992-93		8.1	13.5	0	0	5.4	18.9	0	13.5	8.1	0	0	0	0	32.4	6.1	37	
1993-94		13.2	7.9	7.9	7.9	10.5	2.6	7.9	5.3	13.2	0	0	0	0	23.7	5.3	38	
1994-95		18.9	1.4	4.1	4.1	5.4	13.5	5.4	5.4	14.9	5.4	5.4	5.4	5.4	21.6	5.6	74	
1995-96		8.0	2.7	8.0	5.3	3.5	17.7	9.7	8.0	15.0	5.3	5.3	5.3	5.3	16.8	5.9	113	
1996-97		5.1	5.1	11.8	2.9	5.9	16.9	4.4	8.8	12.5	12.5	12.5	12.5	12.5	14.0	5.9	136	
1997-98		7.9	7.9	5.3	5.3	3.9	17.1	7.9	9.2	11.8	0	0	0	0	23.7	5.8	76	
1998-99		14.8	1.6	4.9	1.6	6.6	11.5	14.8	4.9	16.4	8.2	8.2	8.2	8.2	14.8	5.8	61	
1999-2000		18.2	7.6	3.0	6.1	4.5	15.9	7.6	7.6	14.4	1.5	1.5	1.5	1.5	13.6	4.9	132	
2000-01		10.4	3.9	7.8	6.5	5.2	15.6	3.9	7.8	18.2	5.2	5.2	5.2	5.2	15.6	5.6	77	
2001-02	9.8	4.9	7.8	6.9	5.9	15.7	5.9	13.7	8.8	2.9	2.9	2.9	2.9	17.6	5.5	102		
2002-03	6.5	6.5	6.5	5.6	6.5	10.5	7.3	13.7	9.7	4.0	4.0	4.0	4.0	23.4	6.0	124		

Table D.10. (Cont'd.)

Area	Year	Response scale categories ^a										Mean response	No. of responses	
		0	1	2	3	4	5	6	7	8	9			10
Matagorda														
	1987-88	15.7	4.3	4.3	0.9	1.7	14.8	2.6	12.2	14.8	6.1	22.6	6.0	115
	1988-89	7.0	7.0	5.5	5.5	3.9	17.2	5.5	8.6	14.1	2.3	23.4	6.0	128
	1989-90	18.2	3.0	9.1	9.1	6.1	21.2	6.1	6.1	6.1	3.0	12.1	4.5	33
	1990-91	10.5	5.3	7.4	10.5	6.3	12.6	7.4	12.6	12.6	7.4	7.4	5.1	95
	1991-92	11.1	4.0	5.1	12.1	6.1	18.2	5.1	7.1	9.1	6.1	16.2	5.3	99
	1992-93	9.2	8.1	4.0	8.7	7.5	9.8	7.5	7.5	13.3	4.0	20.2	5.6	173
	1993-94	10.9	3.0	2.0	5.0	4.0	15.8	9.9	5.9	16.8	5.0	21.8	6.1	101
	1994-95	6.4	1.6	2.4	9.6	6.4	12.8	9.6	13.6	9.6	4.8	23.2	6.3	125
	1995-96	8.9	5.4	4.0	5.9	3.0	16.8	7.9	5.0	13.4	5.9	23.8	6.1	202
	1996-97	10.8	3.6	1.8	8.1	2.7	15.3	6.3	12.6	18.0	3.6	17.1	5.9	111
	1997-98	5.7	5.7	7.1	4.3	6.4	9.3	5.7	9.3	15.7	6.4	24.3	6.3	140
	1998-99	8.3	0.9	2.8	4.6	4.6	13.0	6.5	17.6	11.1	4.6	25.9	6.6	108
	1999-2000	8.1	5.0	3.7	2.5	5.0	12.4	9.9	9.3	18.0	6.8	19.3	6.2	161
	2000-01	5.8	5.0	7.5	3.3	3.3	19.2	9.2	7.5	13.3	5.8	20.0	6.1	120
	2001-02	13.8	0.8	6.5	4.9	8.1	18.7	4.9	8.9	8.9	5.7	18.7	5.6	123
	2002-03	8.7	3.8	9.6	5.8	6.7	14.4	7.7	13.5	9.6	2.9	17.3	5.6	104
Corpus Christi														
	1987-88	17.3	8.7	3.3	6.0	5.3	12.7	3.3	9.3	7.3	8.0	18.7	5.2	150
	1988-89	18.0	3.2	5.8	7.4	5.3	18.5	4.8	10.6	8.5	3.7	14.3	5.0	189
	1989-90	19.9	5.0	7.2	3.9	4.4	17.7	6.1	5.5	12.7	5.0	12.7	4.9	181
	1990-91	16.6	3.1	6.1	4.3	6.1	15.3	6.7	9.2	10.4	3.7	18.4	5.3	163
	1991-92	13.7	2.2	5.8	5.0	6.5	11.5	4.3	8.6	11.5	8.6	22.3	5.9	139
	1992-93	12.0	4.4	5.5	6.0	7.7	14.8	3.8	12.6	13.7	4.9	14.8	5.5	183
	1993-94	10.8	3.4	2.7	7.4	2.7	14.9	8.8	8.1	14.9	8.1	18.2	6.0	148
	1994-95	14.9	3.6	5.4	8.9	6.0	13.7	7.1	8.9	11.9	6.0	13.7	5.2	168
	1995-96	15.5	2.6	4.5	5.2	6.5	14.2	5.2	11.0	13.5	7.1	14.8	5.5	155
	1996-97	7.5	1.2	6.8	6.8	3.7	13.0	4.3	8.7	14.3	6.2	27.3	6.5	161
	1997-98	3.7	3.1	3.7	5.4	7.1	13.9	4.8	11.6	13.9	6.5	26.2	6.7	294
	1998-99	9.9	3.0	4.4	4.4	2.5	16.7	10.8	11.8	10.8	7.4	18.2	6.0	203
	1999-2000	8.6	2.6	2.6	6.0	4.3	12.1	6.9	7.8	13.8	6.0	29.3	6.6	232
	2000-01	12.6	1.1	6.3	4.6	5.7	14.9	5.2	6.3	10.9	5.2	27.0	6.0	174
	2001-02	7.4	3.7	7.4	4.4	8.9	17.0	5.2	7.4	15.6	0.7	22.2	5.9	135
	2002-03	8.1	4.0	4.0	6.5	3.2	15.3	9.7	7.3	15.3	5.6	21.0	6.1	124

Table D.10. (Cont'd.)

Area Year	Response scale categories ^a										Mean response	No. of responses	
	0	1	2	3	4	5	6	7	8	9			10
Lower Laguna Madre													
1987-88	0	0	0	0	0	25.0	0	0	0	0	75.0	8.8	4
1988-89	20.0	0	10.0	0	0	10.0	10.0	0	0	0	40.0	6.2	10
1989-90	0	0	0	0	0	14.3	0	14.3	28.6	0	42.9	8.3	7
1990-91	0	7.1	7.1	0	0	14.3	7.1	7.1	7.1	14.3	35.7	7.3	14
1991-92	36.4	0	0	0	0	9.1	0	9.1	0	0	45.5	5.6	11
1992-93	6.7	0	13.3	13.3	0	6.7	0	0	13.3	0	46.7	6.7	15
1993-94	13.9	2.8	0	8.3	2.8	11.1	5.6	5.6	25.0	2.8	22.2	6.1	36
1994-95	4.7	2.3	4.7	4.7	9.3	4.7	4.7	9.3	9.3	7.0	39.5	7.1	43
1995-96	9.1	6.1	6.1	3.0	3.0	3.0	0	6.1	18.2	18.2	27.3	6.8	33
1996-97	4.5	9.1	13.6	4.5	0	18.2	9.1	0	18.2	4.5	18.2	5.6	22
1997-98	4.2	0	10.4	0	4.2	14.6	4.2	14.6	10.4	14.6	22.9	6.8	48
1998-99	8.0	0	0	4.0	4.0	20.0	12.0	16.0	8.0	4.0	24.0	6.5	25
1999-2000	5.3	7.9	7.9	5.3	5.3	7.9	2.6	15.8	10.5	7.9	23.7	6.2	38
2000-01	6.1	0	9.1	0	3.0	18.2	6.1	6.1	6.1	15.2	30.3	6.9	33
2001-02	3.6	0	7.1	10.7	7.1	7.1	14.3	7.1	32.1	3.6	7.1	6.1	28
2002-03	2.3	0	0	2.3	7.0	9.3	14.0	11.6	16.3	2.3	34.9	7.5	43
Coastwide													
1987-88	16.6	6.7	4.7	3.5	3.5	15.7	3.5	9.0	9.9	7.0	19.8	5.4	343
1988-89	14.3	4.3	7.5	7.2	5.1	16.8	5.1	9.6	10.4	2.9	17.1	5.2	375
1989-90	20.2	4.3	7.8	4.3	4.3	17.9	5.8	5.4	11.7	3.9	14.4	4.8	257
1990-91	14.9	4.3	6.8	6.2	5.0	14.2	7.1	9.3	11.5	5.9	14.9	5.3	323
1991-92	14.2	4.1	7.0	7.0	5.8	11.9	5.5	7.2	10.7	6.7	20.0	5.5	345
1992-93	10.0	7.0	4.5	7.0	6.6	12.5	4.8	9.8	13.2	3.9	20.9	5.7	441
1993-94	12.1	4.6	3.2	6.7	4.6	12.7	8.1	7.0	15.9	5.4	19.7	5.8	371
1994-95	12.0	3.1	4.4	7.9	6.3	12.7	7.4	9.6	10.9	5.7	20.1	5.8	458
1995-96	10.2	3.7	5.1	5.8	4.2	15.7	6.5	7.4	14.5	6.7	20.0	5.9	566
1996-97	7.6	3.5	7.4	5.6	3.9	15.8	5.0	9.8	14.1	7.2	20.2	6.1	461
1997-98	5.4	3.9	5.4	5.1	6.1	13.2	5.7	11.3	13.2	6.4	24.5	6.4	593
1998-99	10.8	2.6	4.2	3.8	3.5	15.5	9.9	11.8	12.0	6.6	19.3	6.0	425
1999-2000	10.4	4.6	3.6	4.9	4.4	12.9	7.3	9.2	14.5	6.0	22.3	6.1	588
2000-01	9.9	2.6	7.1	4.2	4.5	16.5	5.9	7.1	13.0	6.1	23.1	6.0	424
2001-02	9.7	2.9	7.3	5.8	8.0	15.6	6.1	9.0	12.7	3.6	19.2	5.7	411
2002-03	6.9	4.3	5.9	5.7	6.4	13.2	8.5	10.6	11.8	4.0	22.7	6.1	423

^a Level of trip satisfaction, where 0 = not at all satisfied and 10 = completely satisfied.

APPENDIX E: Party-boat Fishing Estimates for the Texas Territorial Sea (TTS)

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Table E.1. Number of days surveyed, number of party-boat interviews, and number of party-boat anglers interviewed in the TTS by area and year (1983-2003).

Item Year	Area					Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
Number of days surveyed						
1983-84	0	26	107	93	63	289
1984-85	0	27	111	103	66	307
1985-86	0	23	105	123	51	302
1986-87	0	25	108	116	60	309
1987-88	16	23	118	115	47	319
1988-89	17	24	119	84	40	284
1989-90	17	30	88	86	19	240
1990-91	13	26	80	72	18	209
1991-92	22	27	94	66	33	242
1992-93	33	24	101	55	43	256
1993-94	26	34	109	62	43	274
1994-95	26	34	127	64	51	302
1995-96	39	47	127	54	53	320
1996-97	33	44	115	56	44	292
1997-98	33	40	118	62	43	296
1998-99	33	48	112	51	49	293
1999-2000	24	46	113	55	37	275
2000-01	24	49	114	59	46	292
2001-02	28	43	96	53	54	274
2002-03	23	41	91	62	52	269
Number of interviews						
1983-84		0	4	9	6	19
1984-85		0	2	7	2	11
1985-86		0	0	11	5	16
1986-87		0	0	3	1	4
1987-88	0	0	3	8	0	11
1988-89	0	0	2	3	1	6
1989-90	0	0	2	3	0	5
1990-91	0	0	1	3	0	4
1991-92	2	0	0	0	4	6
1992-93	0	2	0	0	2	4
1993-94	0	3	0	3	0	6
1994-95	0	2	2	2	0	6
1995-96	0	4	4	1	13	19
1996-97	0	2	1	0	2	11
1997-98	0	2	6	3	1	12
1998-99	1	1	6	2	2	12
1999-2000	0	4	7	4	1	16
2000-01	0	3	6	1	4	14

Table E.1. (Cont'd.)

Item Year	Area					
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	Coastwide
Number of interviews (Cont'd.)						
2001-02	1	4	7	2	1	15
2002-03	0	6	6	3	0	15
Number of anglers interviewed						
1983-84		0	10	31	21	62
1984-85		0	8	33	10	51
1985-86		0	0	47	24	71
1986-87		0	0	9	2	11
1987-88	0	0	12	29	0	41
1988-89	0	0	10	13	4	27
1989-90	0	0	11	14	0	25
1990-91	0	0	3	11	0	14
1991-92	10	0	0	0	14	24
1992-93	0	7	0	0	8	15
1993-94	0	15	0	12	0	27
1994-95	0	9	7	10	49	75
1995-96	0	13	19	2	12	46
1996-97	0	7	3	0	3	13
1997-98	0	8	27	14	3	52
1998-99	5	5	21	9	14	54
1999-2000	0	16	24	21	9	70
2000-01	0	13	23	3	31	70
2001-02	4	16	29	10	6	65
2002-03	0	26	25	8	0	59

Table E.2. Estimated annual fishing pressure (man-h x 1,000) \pm 1 SE, mean fishing-party size (no. of anglers), and mean trip length (h) for party-boat anglers in the TTS by area and year (1983-2003). Blanks indicate no interviews conducted.

Item Year	Area					Lower Laguna Madre	Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi			
Pressure ^a							
1983-84			1.1 \pm 0.9	24.0 \pm 19.8	3.1 \pm 1.3	28.3 \pm 19.9	
1984-85			0.7 \pm 0.6	22.0 \pm 15.3	0.9 \pm 0.7	23.7 \pm 15.3	
1985-86				14.2 \pm 5.5	5.1 \pm 2.8	19.3 \pm 6.2	
1986-87				7.6 \pm 5.6	3.5 \pm 3.5	11.1 \pm 6.6	
1987-88			0.7 \pm 0.5	15.1 \pm 8.6		15.8 \pm 8.6	
1988-89			0.8 \pm 0.6	8.2 \pm 7.8	2.4 \pm 2.4	11.3 \pm 8.2	
1989-90			1.8 \pm 1.3	9.6 \pm 6.1		11.3 \pm 6.2	
1990-91			0.4 \pm 0.4	10.7 \pm 8.0		11.0 \pm 8.0	
1991-92	0.5 \pm 0.5				3.3 \pm 2.0	3.8 \pm 2.0	
1992-93		3.3 \pm 3.3			1.8 \pm 1.3	5.1 \pm 3.5	
1993-94		15.8 \pm 11.0		2.6 \pm 1.6		18.4 \pm 11.1	
1994-95		10.0 \pm 7.7	0.4 \pm 0.3	10.4 \pm 7.8	16.7 \pm 9.5	37.6 \pm 14.5	
1995-96		4.2 \pm 2.1	1.7 \pm 1.0	0.2 \pm 0.2	5.3 \pm 4.0	11.5 \pm 4.7	
1996-97		2.4 \pm 1.7	0.5 \pm 0.5		1.2 \pm 1.2	4.1 \pm 2.1	
1997-98		9.6 \pm 8.8	3.3 \pm 2.4	1.6 \pm 1.3	0.9 \pm 0.9	15.3 \pm 9.3	
1998-99	0.6 \pm 0.6	2.2 \pm 2.2	2.5 \pm 1.9	6.0 \pm 6.0	5.1 \pm 4.1	16.5 \pm 7.9	
1999-2000		6.4 \pm 5.2	6.5 \pm 3.4	12.6 \pm 10.6	5.0 \pm 5.0	30.5 \pm 13.3	
2000-01		4.0 \pm 2.3	3.7 \pm 2.1	2.0 \pm 2.0	10.8 \pm 6.1	20.4 \pm 7.1	
2001-02	1.7 \pm 1.7	4.4 \pm 2.1	4.2 \pm 2.3	2.6 \pm 2.2	1.1 \pm 1.1	14.0 \pm 4.3	
2002-03		5.7 \pm 4.2	3.4 \pm 1.9	5.6 \pm 4.2		14.7 \pm 6.2	
Party size							
1983-84			2.5	3.4	3.5	3.3	
1984-85			4.0	4.7	5.0	4.6	
1985-86				4.3	4.8	4.4	
1986-87				3.0	2.0	2.8	
1987-88			4.0	3.6		3.7	
1988-89			5.0	4.3	4.0	4.5	
1989-90			5.5	4.7		5.0	
1990-91			3.0	3.7		3.5	
1991-92	5.0				3.5	4.0	
1992-93		3.5			4.0	3.8	
1993-94		5.0				4.5	
1994-95		4.5	3.5	4.0	3.8	3.9	
1995-96		3.3	4.8	2.0	6.0	4.2	
1996-97		3.5	3.0		3.0	3.3	
1997-98		4.0	4.5		3.0	4.3	
1998-99	5.0	5.0	3.5	4.7	7.0	4.5	
1999-2000		4.0	3.4	5.2	9.0	4.4	
2000-01		4.3	3.8	3.0	7.8	5.0	
2001-02	4.0	4.0	4.1	5.0	6.0	4.3	
2002-03		4.3	4.2	2.7		3.9	

Table E.2. (Cont'd.)

Item Year	Area						Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Trip length							
1983-84			4.4	7.8	6.8		6.8
1984-85			3.0	6.8	2.8		5.4
1985-86				7.3	6.2		6.9
1986-87				6.3	5.0		6.0
1987-88			6.5	7.6	6.0		7.3
1988-89			6.5	7.8	6.0		7.1
1989-90			8.5	6.7			7.4
1990-91			10.0	7.8			8.4
1991-92	3.0				4.8		4.2
1992-93		6.0			5.3		5.6
1993-94		8.8		9.3			9.1
1994-95		9.5	5.5	6.8	5.0		5.7
1995-96		6.3	6.9	9.0	4.8		6.5
1996-97		6.8	7.0		5.5		6.5
1997-98		7.8	7.3	5.7	8.5		7.1
1998-99	11.0	8.0	7.8	4.0	8.2		7.5
1999-2000		6.5	8.5	8.1	10.0		8.0
2000-01		7.0	7.8	9.5	8.0		7.8
2001-02	7.0	7.4	6.1	6.0	8.5		6.7
2002-03		6.3	8.3	6.3			7.1

* Due to rounding of numbers, coastwide totals may not exactly equal sum of area totals.

Table E.3. Estimated annual landings of fishes (no. x 1,000) ± 1 SE caught by party-boat anglers in the TTS by area, species, and year (1983-2003). Blanks indicate no interviews conducted.

Species Year	Area					
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	Coastwide ^a
Atlantic croaker						
1983-84			0.0	0.0	0.0	0.0
1984-85			0.0	0.0	0.0	0.0
1985-86				0.0	0.0	0.0
1986-87				0.0	0.0	0.0
1987-88			0.0	0.0	0.0	0.0
1988-89			0.0	0.0	0.0	0.0
1989-90			0.0	0.0	0.0	0.0
1990-91			0.0	0.0	0.0	0.0
1991-92	0.0				0.0	0.0
1992-93		0.0			0.0	0.0
1993-94		0.0		0.0	0.0	0.0
1994-95		0.0	0.0	0.0	0.0	0.0
1995-96		0.0	0.0	0.0	0.0	0.0
1996-97		0.0	0.0	0.0	0.0	0.0
1997-98		0.0	0.0	0.0	0.0	0.0
1998-99		0.0	0.0	0.0	0.0	0.0
1999-2000	0.0	0.0	0.0	0.0	0.0	0.0
2000-01		0.0	0.0	0.0	0.0	0.0
2001-02	0.0	0.0	0.0	0.0	0.0	0.0
2002-03		0.0	0.0	0.0	0.0	0.0
Atlantic sharpnose shark						
1983-84			0.0	0.0	0.0	0.0
1984-85			0.0	0.0	0.0	0.0
1985-86				0.4 ± 0.3		0.4 ± 0.3
1986-87				0.1 ± 0.1		0.1 ± 0.1
1987-88			<.1 ± <.1	0.3 ± 0.2		0.3 ± 0.2
1988-89			<.1 ± <.1	0.1 ± 0.1	0.0	0.1 ± 0.1
1989-90			0.3 ± 0.3	0.3 ± 0.3		0.6 ± 0.4
1990-91			0.0	0.2 ± 0.2		0.2 ± 0.2
1991-92	0.0				0.0	0.0
1992-93		0.0			0.0	0.0
1993-94		0.0			0.0	0.0
1994-95		0.0	0.0	0.0	0.0	0.0
1995-96		0.0	0.0	0.0	0.0	0.0
1996-97		0.0	0.0	0.0	0.0	0.0
1997-98		0.0	0.0	<.1 ± <.1	0.0	<.1 ± <.1
1998-99	<.1 ± <.1	0.0	0.0	0.1 ± 0.1	0.0	0.2 ± 0.1
1999-2000		0.0	0.0	0.0	0.0	0.0
2000-01		0.1 ± 0.1	0.0	0.0	<.1 ± <.1	0.1 ± 0.1
2001-02	0.0	0.0	0.0	0.1 ± 0.1	0.0	0.1 ± 0.1
2002-03		0.1 ± 0.1	0.0	0.0	0.0	0.1 ± 0.1

Table E.3. (Cont'd.)

Species Year	Area						Coastwide ^a
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Atlantic spadefish							
1983-84			0.0	0.0	0.0	0.0	0.0
1984-85			0.0	0.0	0.0	0.0	0.0
1985-86				0.0	0.0	0.0	0.0
1986-87				0.5 ± 0.5		0.5 ± 0.5	0.5 ± 0.5
1987-88			0.0	0.0	0.0	0.0	0.0
1988-89			0.0	0.0	0.0	0.0	0.0
1989-90			0.0	0.0	0.0	0.0	0.0
1990-91			0.0	0.0	0.0	0.0	0.0
1991-92	0.0				0.0	0.0	0.0
1992-93		0.0		0.1 ± 0.1	0.0	0.1 ± 0.1	0.1 ± 0.1
1993-94		0.0		0.0	0.0	0.0	0.0
1994-95		0.0	0.0	0.0	0.0	0.0	0.0
1995-96		0.0	0.0	0.0	0.0	0.0	0.0
1996-97		0.0	0.0	0.0	0.0	0.0	0.0
1997-98		0.0	0.0	0.0	0.0	0.0	0.0
1998-99		0.0	0.0	0.0	0.0	0.0	0.0
1999-2000	0.0				0.0	0.0	0.0
2000-01		0.0		0.0	0.0	0.0	0.0
2001-02	0.0		0.0	0.0	0.0	0.0	0.0
2002-03		0.0	0.0	0.0	0.0	0.0	0.0
Black drum							
1983-84			0.0	0.0	0.0	0.0	0.0
1984-85			0.0	0.0	0.0	0.0	0.0
1985-86				0.0	0.0	0.0	0.0
1986-87				0.0	0.0	0.0	0.0
1987-88			0.0	0.0	0.0	0.0	0.0
1988-89			0.0	0.0	0.0	0.0	0.0
1989-90			0.0	0.0	0.0	0.0	0.0
1990-91			0.0	0.0	0.0	0.0	0.0
1991-92	0.0				0.0	0.0	0.0
1992-93		0.0			0.0	0.0	0.0
1993-94		0.0			0.0	0.0	0.0
1994-95		0.0			0.0	0.0	0.0
1995-96		0.0			0.0	0.0	0.0
1996-97		<.1 ± <.1			0.0	0.0	<.1 ± <.1
1997-98		0.0			0.0	0.0	0.0
1998-99	0.0				0.0	0.0	0.0
1999-2000		0.0			0.0	0.0	0.0
2000-01		0.0			0.0	0.0	0.0
2001-02	0.0		0.0	0.0	0.0	0.0	0.0
2002-03		<.1 ± <.1	0.0	0.0	0.0	0.0	<.1 ± <.1

Table E.3. (Cont'd.)

Species Year	Area						Coastwide ^a
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Blacktip shark							
1983-84			0.2 ± 0.2	0.0	0.0	0.0	0.2 ± 0.2
1984-85			0.0	0.3 ± 0.2	0.0	0.0	0.3 ± 0.2
1985-86				0.0	0.0	0.0	0.0
1986-87				0.0	0.0	0.0	0.0
1987-88			0.3 ± 0.3	0.1 ± 0.1			0.4 ± 0.3
1988-89			0.0	<.1 ± <.1		0.3 ± 0.3	0.3 ± 0.3
1989-90			<.1 ± <.1	0.1 ± 0.1			0.1 ± 0.1
1990-91			0.0	0.0		0.0	0.0
1991-92	0.0				0.0	0.0	0.0
1992-93		0.0			0.0	0.0	0.0
1993-94		0.0		0.0			0.0
1994-95		0.0	<.1 ± <.1	0.0			<.1 ± <.1
1995-96		0.0	0.0	0.0			0.0
1996-97		0.0	0.0	0.0			0.0
1997-98		0.0	0.0	0.0			0.0
1998-99		0.0	<.1 ± <.1	0.0		<.1 ± <.1	<.1 ± <.1
1999-2000	0.0		<.1 ± <.1	0.0		<.1 ± <.1	<.1 ± <.1
2000-01		0.0	0.0	0.0		0.0	0.0
2001-02		0.0	<.1 ± <.1	0.0		0.0	<.1 ± <.1
2002-03		0.2 ± 0.1	0.1 ± 0.1	0.4 ± 0.4		0.0	0.6 ± 0.4
Cobia							
1983-84			0.0	0.1 ± 0.1		0.0	0.1 ± 0.1
1984-85			0.0	0.0		0.0	0.0
1985-86				0.0		0.0	0.0
1986-87				0.0		0.0	0.0
1987-88			0.0	<.1 ± <.1			<.1 ± <.1
1988-89			0.0	0.0		0.0	0.0
1989-90			0.0	0.0		0.0	0.0
1990-91			0.0	0.0		0.0	0.0
1991-92						0.0	0.0
1992-93						0.0	0.0
1993-94						0.0	0.0
1994-95						0.0	0.0
1995-96		0.3 ± 0.3	0.0	0.0		0.0	0.3 ± 0.3
1996-97		0.0	0.0	0.0		0.0	0.0
1997-98		0.0	0.0	0.0		0.0	0.0
1998-99		0.0	0.0	0.0		0.0	0.0
1999-2000	0.0		0.1 ± <.1	<.1 ± <.1		0.0	0.1 ± 0.1
2000-01		0.0	0.0	0.0		0.0	0.0
2001-02		0.0	0.1 ± 0.1	0.0		0.0	0.1 ± 0.1
2002-03		0.0	0.0	0.0		0.0	0.0

Table E.3. (Cont'd.)

Species Year	Area						Coastwide ^a
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Dolphin							
1983-84			0.0	0.0	0.0	0.0	0.0
1984-85			0.0	0.0	<.1 ± <.1	0.0	0.0
1985-86				0.4 ± 0.3		0.5 ± 0.3	0.5 ± 0.3
1986-87				0.0	0.0	0.0	0.0
1987-88			0.0	<.1 ± <.1		<.1 ± <.1	<.1 ± <.1
1988-89			0.0	0.2 ± 0.2		0.2 ± 0.2	0.2 ± 0.2
1989-90			0.0	0.0		0.0	0.0
1990-91			0.0	0.0		0.0	0.0
1991-92	0.0				0.0	0.0	0.0
1992-93					0.0	0.0	0.0
1993-94		4.0 ± 4.0		0.0		4.0 ± 4.0	4.0 ± 4.0
1994-95		0.0		0.0		0.0	0.0
1995-96		0.0		0.0		0.0	0.0
1996-97		0.0		0.0		0.0	0.0
1997-98		0.0		0.2 ± 0.2		0.2 ± 0.2	0.2 ± 0.2
1998-99	0.0	0.0		0.0		0.0	0.0
1999-2000		0.0		0.1 ± 0.1		0.1 ± 0.1	0.1 ± 0.1
2000-01		0.0		0.0	0.1 ± 0.1	0.1 ± 0.1	0.1 ± 0.1
2001-02	0.0	0.0		0.0	0.0	0.0	0.0
2002-03		0.0		0.0		0.0	0.0
Gray triggerfish							
1983-84			0.0	0.0	0.0	0.0	0.0
1984-85			0.0	0.0	0.0	0.0	0.0
1985-86				0.0		0.0	0.0
1986-87				0.0		0.0	0.0
1987-88			0.0	0.1 ± 0.1		0.1 ± 0.1	0.1 ± 0.1
1988-89			0.0	0.0		0.0	0.0
1989-90			0.0	0.0		0.0	0.0
1990-91			0.0	<.1 ± <.1		<.1 ± <.1	<.1 ± <.1
1991-92	0.0				0.0	0.0	0.0
1992-93					0.0	0.0	0.0
1993-94		0.0				0.0	0.0
1994-95		0.0		0.0	0.1 ± 0.1	0.1 ± 0.1	0.1 ± 0.1
1995-96		0.0		0.0		0.0	0.0
1996-97		0.0		0.0		0.0	0.0
1997-98		0.0		0.0		0.0	0.0
1998-99	0.0	0.0		0.0	<.1 ± <.1	<.1 ± <.1	<.1 ± <.1
1999-2000		0.0		0.0		0.0	0.0
2000-01		0.0		0.0		0.0	0.0
2001-02	0.0	0.0		0.0	<.1 ± <.1	<.1 ± <.1	<.1 ± <.1
2002-03		0.0		0.0		0.0	0.0

Table E.3. (Cont'd.)

Species Year	Area						Coastwide ^a
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Greater amberjack							
1983-84			0.0	0.0		0.0	0.0
1984-85			0.0	0.0		0.0	0.0
1985-86				0.0		0.0	0.0
1986-87				0.0		0.0	0.0
1987-88			0.0	0.0		0.0	0.0
1988-89			0.0	0.0		0.0	0.0
1989-90			<.1 ± <.1	0.0		0.0	<.1 ± <.1
1990-91			0.0	0.0		0.0	0.0
1991-92	0.0			0.0		0.0	0.0
1992-93		0.0		0.0		0.0	0.0
1993-94		0.0		0.0		0.0	0.0
1994-95		0.0	0.0	0.0		0.0	0.0
1995-96		0.0	0.0	0.0		0.0	0.0
1996-97		0.0	0.0	0.0		0.0	0.0
1997-98		0.0	0.0	0.0		0.0	0.0
1998-99		0.0	0.0	0.0		0.0	0.0
1999-2000		0.0	0.0	0.0		0.0	0.0
2000-01		0.0	0.0	0.0		0.0	0.0
2001-02		0.0	0.0	0.0		0.0	0.0
2002-03		0.0	0.0	0.0		0.0	0.0
King mackerel							
1983-84			0.0	8.8 ± 6.8		0.4 ± 0.3	9.1 ± 6.8
1984-85			<.1 ± <.1	4.6 ± 4.3		<.1 ± <.1	4.6 ± 4.3
1985-86				2.9 ± 1.4		0.2 ± 0.1	3.0 ± 1.4
1986-87				0.3 ± 0.3		0.0	0.3 ± 0.3
1987-88			0.0	2.4 ± 1.4		0.7 ± 0.7	2.4 ± 1.4
1988-89			<.1 ± <.1	1.4 ± 1.4			2.1 ± 1.6
1989-90			0.1 ± <.1	0.8 ± 0.7			0.9 ± 0.7
1990-91			0.0	1.7 ± 1.5			1.7 ± 1.5
1991-92	0.0					1.1 ± 0.8	1.1 ± 0.8
1992-93				0.3 ± 0.2		0.2 ± 0.2	0.2 ± 0.2
1993-94		2.0 ± 2.0	0.0	0.8 ± 0.8		1.1 ± 0.5	2.3 ± 2.0
1994-95		0.0	<.1 ± <.1	<.1 ± <.1		0.5 ± 0.5	1.9 ± 1.0
1995-96		0.0	0.0	0.0		0.0	0.5 ± 0.5
1996-97		0.0	0.0	0.2 ± 0.1		0.0	0.0
1997-98		0.2 ± 0.2	0.0	0.2 ± 0.1		0.0	0.4 ± 0.3
1998-99	<.1 ± <.1	0.0	0.0	1.9 ± 1.9		0.5 ± 0.4	2.4 ± 1.9
1999-2000		0.1 ± 0.1	0.1 ± 0.1	1.5 ± 1.5		0.6 ± 0.6	2.3 ± 1.6
2000-01		0.0	0.0	0.1 ± 0.1		0.3 ± 0.3	0.4 ± 0.3
2001-02	0.0	0.2 ± 0.2	0.0	0.0		0.1 ± 0.1	0.3 ± 0.2
2002-03		0.0	0.0	0.8 ± 0.8		0.0	0.8 ± 0.8

Table E.3. (Cont'd.)

Species Year	Area						Coastwide*
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Lane snapper							
1983-84			0.0	0.0	0.0	0.0	0.0
1984-85			0.0	0.0	0.0	0.0	0.0
1985-86				0.0	0.0	0.0	0.0
1986-87				0.0	0.0	0.0	0.0
1987-88			0.0	0.0	0.0	0.0	0.0
1988-89			<.1 ± <.1	0.0	0.0	0.0	<.1 ± <.1
1989-90			0.0	0.0	0.0	0.0	0.0
1990-91			0.0	<.1 ± <.1	0.0	0.0	<.1 ± <.1
1991-92	0.0		0.0		0.0	0.0	0.0
1992-93		0.0			0.0	0.0	0.0
1993-94		0.0		0.0	0.0	0.0	0.0
1994-95		0.0	0.0	0.0	0.0	0.0	0.0
1995-96		0.0	0.0	0.0	0.0	0.0	0.0
1996-97		0.0	0.0	0.0	0.0	0.0	0.0
1997-98		0.0	0.0	0.0	0.0	0.0	0.0
1998-99	0.0		0.0	<.1 ± <.1	0.0	0.0	<.1 ± <.1
1999-2000			0.0	0.0	0.0	0.0	0.0
2000-01			0.0	0.0	0.0	0.0	0.0
2001-02	0.0		0.0	0.0	0.0	0.0	0.0
2002-03		0.0	0.0	0.0	0.0	0.0	0.0
Little tunny							
1983-84			0.0	0.4 ± 0.4	0.0	0.0	0.4 ± 0.4
1984-85			0.0	0.3 ± 0.3	0.1 ± 0.1	0.1 ± 0.1	0.4 ± 0.3
1985-86				0.1 ± <.1	0.3 ± 0.3	0.3 ± 0.3	0.4 ± 0.3
1986-87				0.0	4.2 ± 4.2	4.2 ± 4.2	4.2 ± 4.2
1987-88			0.0	0.0	0.0	0.0	0.0
1988-89			0.0	0.0	0.0	0.0	0.0
1989-90			0.0	0.0	0.0	0.0	0.0
1990-91			0.0	0.0	0.0	0.0	0.0
1991-92	0.0		0.0	0.0	0.2 ± 0.2	0.2 ± 0.2	0.2 ± 0.2
1992-93		0.0			<.1 ± <.1	<.1 ± <.1	<.1 ± <.1
1993-94		0.0		0.0		0.0	0.0
1994-95		0.0	0.0	0.0	0.6 ± 0.4	0.6 ± 0.4	0.6 ± 0.4
1995-96		0.0	0.0	0.0	0.4 ± 0.4	0.4 ± 0.4	0.4 ± 0.4
1996-97		0.0	0.0	0.0	0.0	0.0	0.0
1997-98		0.0	0.0	0.0	0.0	0.0	0.0
1998-99	0.0		0.0	0.0	0.0	0.0	0.0
1999-2000		0.0	0.0	0.0	0.0	0.0	0.0
2000-01		0.0	0.0	0.0	0.0	0.0	0.0
2001-02	0.0		0.0	0.0	0.0	0.0	0.0
2002-03		0.0	0.0	0.0	0.0	0.0	0.0

Table E.3. (Cont'd.)

Species Year	Area						Coastwide *
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Red drum							
1983-84			0.0	0.0	0.0	0.0	0.0
1984-85			0.0	0.0	0.0	0.0	0.0
1985-86				0.0	0.0	0.0	0.0
1986-87				0.0	0.0	0.0	0.0
1987-88			0.0	0.0	0.0	0.0	0.0
1988-89			<.1 ± <.1	0.0	0.0	0.0	<.1 ± <.1
1989-90			0.0	0.0	0.0	0.0	0.0
1990-91	0.0		0.1 ± 0.1	0.0	0.0	0.1 ± 0.1	0.1 ± 0.1
1991-92				0.0	0.0	0.0	0.0
1992-93		0.0			0.0	0.0	0.0
1993-94		0.0		<.1 ± <.1			<.1 ± <.1
1994-95		0.0	0.0	0.0	0.2 ± 0.2	0.2 ± 0.2	0.2 ± 0.2
1995-96		0.0	0.1 ± 0.1	0.0	0.0	0.1 ± 0.1	0.1 ± 0.1
1996-97		0.0	0.0	0.0	0.1 ± 0.1	0.2 ± 0.2	0.2 ± 0.2
1997-98		0.1 ± 0.1	0.0	0.1 ± 0.1	0.0	0.3 ± 0.2	0.3 ± 0.2
1998-99	<.1 ± <.1	0.0	0.1 ± 0.1	0.0	0.0	0.1 ± 0.1	0.1 ± 0.1
1999-2000		0.0	0.2 ± 0.1	0.0	0.0	0.2 ± 0.1	0.2 ± 0.1
2000-01		<.1 ± <.1	0.0	0.0	0.0	0.0	0.0
2001-02	0.0		0.1 ± <.1	0.0	0.0	0.1 ± 0.1	0.1 ± 0.1
2002-03		<.1 ± <.1	0.1 ± 0.1	<.1 ± <.1	0.1 ± 0.1	0.1 ± <.1	0.1 ± <.1
Red snapper							
1983-84			0.0	0.0	3.8 ± 2.1	3.8 ± 2.1	3.8 ± 2.1
1984-85			0.0	0.0	0.0	0.0	0.0
1985-86				0.0	2.7 ± 1.9	2.7 ± 1.9	2.7 ± 1.9
1986-87				0.0	0.0	0.0	0.0
1987-88			0.2 ± 0.2	0.0	0.0	0.2 ± 0.2	0.2 ± 0.2
1988-89			0.2 ± 0.2	0.0	0.0	0.2 ± 0.2	0.2 ± 0.2
1989-90			0.8 ± 0.8	0.0	0.0	0.8 ± 0.8	0.8 ± 0.8
1990-91			0.0				
1991-92	0.0			<.1 ± <.1		<.1 ± <.1	<.1 ± <.1
1992-93		0.0			0.0	0.0	0.0
1993-94		7.0 ± 7.0			0.0	0.0	0.0
1994-95		0.0	0.0	0.0	5.4 ± 4.4	5.4 ± 4.4	5.4 ± 4.4
1995-96		0.0	<.1 ± <.1	<.1 ± <.1	1.7 ± 1.7	1.7 ± 1.7	1.7 ± 1.7
1996-97		0.0	0.0		0.4 ± 0.4	0.4 ± 0.4	0.4 ± 0.4
1997-98		0.0	0.0	0.0	0.5 ± 0.5	0.5 ± 0.5	0.5 ± 0.5
1998-99		0.0	0.0	0.0	2.6 ± 2.2	2.6 ± 2.2	2.6 ± 2.2
1999-2000	<.1 ± <.1	0.0	0.9 ± 0.7	1.4 ± 1.4	0.3 ± 0.3	2.6 ± 1.6	2.6 ± 1.6
2000-01		0.0	0.0	0.0	4.0 ± 2.9	4.0 ± 2.9	4.0 ± 2.9
2001-02	0.0		0.2 ± 0.2	0.0	0.2 ± 0.2	0.4 ± 0.3	0.4 ± 0.3
2002-03		0.0	0.0	0.0	0.0	0.0	0.0

Table E.3. (Cont'd.)

Species Year	Area						Coastwide ^a
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Sand seatrout							
1983-84			<.1 ± <.1	0.0	0.0	0.0	<.1 ± <.1
1984-85			0.0	0.0	0.0	0.0	0.0
1985-86				0.0	0.0	0.0	0.0
1986-87				0.0	0.0	0.0	0.0
1987-88			0.1 ± 0.1	0.0	0.0	0.0	0.1 ± 0.1
1988-89			0.0	0.0	0.0	0.0	0.0
1989-90			0.0	0.0	0.0	0.0	0.0
1990-91			0.0	0.0	0.0	0.0	0.0
1991-92	0.0						0.0
1992-93		0.0					0.0
1993-94		0.0		0.0			0.0
1994-95		0.0	0.0	0.0			0.0
1995-96		0.0	0.0	0.0			0.0
1996-97		0.0	0.0	0.0			0.0
1997-98		0.0	0.0	0.0			0.0
1998-99		0.0	0.0	0.0			0.0
1999-2000		0.0	0.0	0.0			0.0
2000-01	<.1 ± <.1	0.1 ± 0.1	0.0	0.0	0.0	0.0	<.1 ± <.1
2001-02	0.0	0.6 ± 0.6	0.0	0.0	0.0	0.0	0.1 ± 0.1
2002-03			0.0	0.0	0.0	0.0	0.6 ± 0.6
Spanish mackerel							
1983-84			<.1 ± <.1	0.2 ± 0.2	0.0	0.0	0.2 ± 0.2
1984-85			0.0	0.0	<.1 ± <.1	<.1 ± <.1	<.1 ± <.1
1985-86				0.0	0.0	0.0	0.0
1986-87				0.0	0.0	0.0	0.0
1987-88				0.3 ± 0.2	0.0	0.0	0.3 ± 0.2
1988-89			0.0	0.0	0.0	0.0	0.0
1989-90			0.0	0.0	<.1 ± <.1	<.1 ± <.1	<.1 ± <.1
1990-91							0.0
1991-92	0.0				0.1 ± 0.1	0.1 ± 0.1	<.1 ± <.1
1992-93					0.0	0.0	0.0
1993-94					0.1 ± 0.1	0.1 ± 0.1	0.2 ± 0.2
1994-95		0.1 ± 0.1	0.0	0.0	0.0	0.0	0.1 ± 0.1
1995-96		0.0	0.0	0.0	0.0	0.0	0.0
1996-97		0.0	0.0	0.0	0.0	0.0	0.0
1997-98		<.1 ± <.1	0.0	0.0	0.0	0.0	<.1 ± <.1
1998-99	<.1 ± <.1	0.0	0.0	0.0	0.0	0.0	<.1 ± <.1
1999-2000		0.0	<.1 ± <.1	0.0	0.0	0.0	<.1 ± <.1
2000-01		0.0	0.0	0.0	0.0	0.0	0.0
2001-02		0.0	0.0	0.0	0.0	0.0	0.0
2002-03		0.6 ± 0.6	0.0	0.3 ± 0.2	0.0	0.0	0.9 ± 0.6

Table E.3. (Cont'd.)

Species Year	Area						Coastwide *
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Spotted seatrout							
1983-84			0.6 ± 0.4	0.0	0.0	0.6 ± 0.4	
1984-85			1.3 ± 1.3	0.0	0.0	1.3 ± 1.3	
1985-86				0.0	0.0	0.0	
1986-87				0.0	0.0	0.0	
1987-88			0.1 ± 0.1	0.0	0.0	0.1 ± 0.1	
1988-89			0.0	0.0	0.0	0.0	
1989-90			0.0	0.0	0.0	0.0	
1990-91			0.1 ± 0.1	0.0	0.0	0.1 ± 0.1	
1991-92	0.0				0.0	0.0	
1992-93		0.0			0.1 ± 0.1	0.1 ± 0.1	
1993-94		0.0		<.1 ± <.1		<.1 ± <.1	
1994-95		0.0	0.5 ± 0.5	0.0	0.0	0.5 ± 0.5	
1995-96		0.0	1.7 ± 1.2	0.0	0.0	1.7 ± 1.2	
1996-97		0.2 ± 0.2	0.5 ± 0.5		0.1 ± 0.1	0.8 ± 0.5	
1997-98		0.0	3.3 ± 2.2	0.3 ± 0.3	0.0	3.5 ± 2.2	
1998-99		0.0	1.8 ± 1.4	0.0	0.0	1.8 ± 1.4	
1999-2000	0.0	0.7 ± 0.7	1.2 ± 0.7	0.0	0.0	2.0 ± 1.0	
2000-01		0.0	4.1 ± 2.6	0.0	0.0	4.1 ± 2.6	
2001-02	0.7 ± 0.7	1.1 ± 0.8	3.7 ± 1.7	3.8 ± 3.7	0.0	9.3 ± 4.2	
2002-03		0.4 ± 0.4	2.8 ± 1.7	2.2 ± 2.2		5.4 ± 2.8	
Vermilion snapper							
1983-84			0.0	0.0	0.0	0.0	
1984-85			0.0	0.0	0.0	0.0	
1985-86				0.0	0.0	0.0	
1986-87				0.0	0.0	0.0	
1987-88			0.0	0.0	0.0	0.0	
1988-89			0.0	0.0	0.0	0.0	
1989-90			0.0	0.0	0.0	0.0	
1990-91			0.0	0.0	0.0	0.0	
1991-92	0.0			0.0	0.0	0.0	
1992-93		0.0			0.0	0.0	
1993-94		0.0		0.0	0.0	0.0	
1994-95		0.0	0.0	0.0	0.0	0.0	
1995-96		0.0	0.0	0.0	0.0	0.0	

Table E.3. (Cont'd.)

Species Year	Area						Coastwide ^a
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Vermilion snapper (Cont'd.)							
1996-97		0.0	0.0			0.0	0.0
1997-98		0.0	0.0			0.0	0.0
1998-99	0.00	0.0	0.0	0.0		0.0	0.0
1999-2000		0.0	0.0	0.0		0.0	0.0
2000-01		0.0	0.0	0.0		0.0	0.0
2001-02	0.0	0.0	0.0	0.0		0.0	0.0
2002-03		0.0	0.0	0.0		0.0	0.0
Other species							
1983-84			0.0	0.4 ± 0.4	0.3 ± 0.2		0.7 ± 0.4
1984-85			0.0	0.5 ± 0.3	0.0		0.5 ± 0.3
1985-86				0.2 ± 0.1	0.1 ± 0.1		0.3 ± 0.1
1986-87				<.1 ± <.1	1.1 ± 1.1		1.1 ± 1.1
1987-88			<.1 ± <.1	<.1 ± <.1			<.1 ± <.1
1988-89			0.1 ± 0.1	0.0	0.1 ± 0.1		0.2 ± 0.1
1989-90			0.2 ± 0.2	0.0			0.2 ± 0.2
1990-91			0.0	<.1 ± <.1			<.1 ± <.1
1991-92	<.1 ± <.1				<.1 ± <.1		0.1 ± <.1
1992-93					0.0		0.0
1993-94				<.1 ± <.1			0.2 ± 0.1
1994-95		0.1 ± 0.1	0.0	0.0	1.8 ± 1.7		1.8 ± 1.7
1995-96		0.0	0.0	0.0	0.0		<.1 ± <.1
1996-97		0.0	0.0	<.1 ± <.1	0.0		0.0
1997-98		<.1 ± <.1	<.1 ± <.1	0.0	0.0		<.1 ± <.1
1998-99	0.0	0.0	0.1 ± 0.1	0.0	1.0 ± 0.9		1.1 ± 0.9
1999-2000		0.0	0.1 ± 0.1	0.5 ± 0.5	0.0		0.6 ± 0.5
2000-01		0.0	0.0	0.0	0.3 ± 0.3		0.3 ± 0.3
2001-02	0.1 ± 0.1	0.0	0.0	0.0	<.1 ± <.1		0.1 ± 0.1
2002-03		<.1 ± <.1	<.1 ± <.1	0.4 ± 0.4			0.5 ± 0.4
All species combined^a							
1983-84			0.9 ± 0.6	9.8 ± 7.7	4.5 ± 2.2		15.2 ± 8.1
1984-85			1.3 ± 1.3	5.6 ± 4.7	0.1 ± 0.1		7.0 ± 4.9
1985-86				4.0 ± 2.0	3.3 ± 2.1		7.3 ± 2.9
1986-87				1.0 ± 0.8	5.3 ± 5.3		6.3 ± 5.4
1987-88			0.8 ± 0.5	3.3 ± 1.9			4.1 ± 1.9
1988-89			0.4 ± 0.4	1.7 ± 1.4	1.1 ± 1.1		3.2 ± 1.8
1989-90			1.5 ± 1.4	1.2 ± 0.9			2.7 ± 1.7
1990-91			0.2 ± 0.2	1.9 ± 1.6			2.1 ± 1.6
1991-92	<.1 ± <.1				1.5 ± 0.9		1.6 ± 0.9
1992-93		0.0		0.7 ± 0.4	0.3 ± 0.3		0.3 ± 0.3
1993-94		13.5 ± 13.5		0.8 ± 0.8			14.2 ± 13.5
1994-95		0.0	0.5 ± 0.5		9.4 ± 5.2		10.7 ± 5.3

Table E.3. (Cont'd.)

Species Year	Area						Coastwide ^a
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
All species combined ^a (Cont'd.)							
1995-96		0.0	1.8 ± 1.3	<.1 ± <.1	2.6 ± 1.9	4.5 ± 2.3	
1996-97		0.4 ± 0.4	0.5 ± 0.5		0.5 ± 0.5	1.4 ± 0.8	
1997-98		0.3 ± 0.3	3.5 ± 2.4	0.7 ± 0.5	0.5 ± 0.5	5.0 ± 2.5	
1998-99		0.0	2.1 ± 1.5	2.0 ± 2.0	4.1 ± 3.5	8.4 ± 4.3	
1999-2000	0.1 ± 0.1	0.8 ± 0.7	2.7 ± 1.2	3.5 ± 3.3	0.9 ± 0.9	7.8 ± 3.7	
2000-01		0.1 ± 0.1	4.1 ± 2.6	0.1 ± 0.1	4.8 ± 3.4	9.1 ± 4.3	
2001-02	0.8 ± 0.8	1.5 ± 1.0	3.8 ± 1.7	3.9 ± 3.7	0.4 ± 0.4	10.4 ± 4.3	
2002-03		1.9 ± 1.8	3.0 ± 1.8	4.3 ± 3.4		9.3 ± 4.2	

^a Due to rounding of numbers, these totals may not exactly equal sum of individual totals.

Table E.4. Estimated annual catch rates of fishes (no./man-h) \pm 1 SE caught by party-boat anglers in the TTS by area, species, and year (1983-2003). Blanks indicate no interviews conducted.

Species Year	Area						Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Atlantic croaker							
1983-84			0.00	0.00	0.00	0.00	0.00
1984-85			0.00	0.00	0.00	0.00	0.00
1985-86				0.00	0.00	0.00	0.00
1986-87				0.00	0.00	0.00	0.00
1987-88			0.00	0.00	0.00	0.00	0.00
1988-89			0.00	0.00	0.00	0.00	0.00
1989-90			0.00	0.00	0.00	0.00	0.00
1990-91			0.00	0.00	0.00	0.00	0.00
1991-92	0.00				0.00	0.00	0.00
1992-93		0.00			0.00	0.00	0.00
1993-94		0.00		0.00	0.00	0.00	0.00
1994-95		0.00	0.00	0.00	0.00	0.00	0.00
1995-96		0.00	0.00	0.00	0.00	0.00	0.00
1996-97		0.00	0.00	0.00	0.00	0.00	0.00
1997-98		0.00	0.00	0.00	0.00	0.00	0.00
1998-99	0.00		0.00	0.00	0.00	0.00	0.00
1999-2000		0.00	0.00	0.00	0.00	0.00	0.00
2000-01		0.00	0.00	0.00	0.00	0.00	0.00
2001-02	0.00		0.00	0.00	0.00	0.00	0.00
2002-03		0.00	0.00	0.00	0.00	0.00	0.00
Atlantic sharpnose shark							
1983-84			0.00	0.00	0.00	0.00	0.00
1984-85			0.00	0.00	0.00	0.00	0.00
1985-86				0.03 \pm 0.02	0.02 \pm 0.02	0.02 \pm 0.02	0.02 \pm 0.02
1986-87				0.02 \pm 0.02	0.02 \pm 0.02	0.00	0.01 \pm 0.01
1987-88			0.03 \pm 0.03	0.02 \pm 0.01	0.01 \pm 0.01	0.00	0.02 \pm 0.02
1988-89			0.02 \pm 0.02	0.03 \pm 0.03	0.03 \pm 0.03	0.00	0.01 \pm 0.01
1989-90			0.18 \pm 0.17	0.02 \pm 0.02	0.06 \pm 0.05	0.00	0.06 \pm 0.05
1990-91			0.00	0.02 \pm 0.02	0.02 \pm 0.02	0.00	0.02 \pm 0.02
1991-92	0.00				0.00	0.00	0.00
1992-93		0.00			0.00	0.00	0.00
1993-94		0.00			0.00	0.00	0.00
1994-95		0.00	0.00	0.00	0.00	0.00	0.00
1995-96		0.00	0.00	0.00	0.00	0.00	0.00
1996-97		0.00	0.00	0.00	0.00	0.00	0.00
1997-98		0.00	0.00	0.00	0.00	0.00	0.00
1998-99	0.02 \pm 0.02		0.00	<.01 \pm <.01	0.02 \pm 0.02	0.00	<.01 \pm <.01
1999-2000		0.00	0.00	0.00	0.00	0.00	0.00
2000-01		0.02 \pm 0.02	0.00	0.00	0.00	0.00	0.01 \pm 0.01
2001-02	0.00	0.02 \pm 0.02	0.00	0.00	0.00	<.01 \pm <.01	0.01 \pm <.01
2002-03		0.01 \pm 0.01	0.00	0.02 \pm 0.02	0.00	0.00	<.01 \pm <.01

Table E.4. (Cont'd.)

Species Year	Area					Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
Atlantic spadefish						
1983-84			0.00	0.00	0.00	0.00
1984-85			0.00	0.00	0.00	0.00
1985-86				0.00	0.00	0.00
1986-87				0.06 ± 0.06	0.00	0.04 ± 0.04
1987-88			0.00	0.00	0.00	0.00
1988-89			0.00	0.00	0.00	0.00
1989-90			0.00	0.00	0.00	0.00
1990-91	0.00		0.00	0.00	0.00	0.00
1991-92					0.00	0.00
1992-93		0.00		0.06 ± 0.06	0.00	0.01 ± 0.01
1993-94		0.00		0.00	0.00	0.00
1994-95		0.00	0.00	0.00	0.00	0.00
1995-96		0.00	0.00	0.00	0.00	0.00
1996-97		0.00	0.00	0.00	0.00	0.00
1997-98		0.00	0.00	0.00	0.00	0.00
1998-99		0.00	0.00	0.00	0.00	0.00
1999-2000	0.00	0.00	0.00	0.00	0.00	0.00
2000-01		0.00	0.00	0.00	0.00	0.00
2001-02	0.00	0.00	0.00	0.00	0.00	0.00
2002-03		0.00	0.00	0.00	0.00	0.00
Black drum						
1983-84			0.00	0.00	0.00	0.00
1984-85			0.00	0.00	0.00	0.00
1985-86				0.00	0.00	0.00
1986-87				0.00	0.00	0.00
1987-88			0.00	0.00	0.00	0.00
1988-89			0.00	0.00	0.00	0.00
1989-90			0.00	0.00	0.00	0.00
1990-91			0.00	0.00	0.00	0.00
1991-92	0.00				0.00	0.00
1992-93		0.00			0.00	0.00
1993-94		0.00			0.00	0.00
1994-95		0.00	0.00	0.00	0.00	0.00
1995-96		0.00	0.00	0.00	0.00	0.00
1996-97		0.02 ± 0.02	0.00	0.00	0.00	0.01 ± 0.01
1997-98		0.00	0.00	0.00	0.00	0.00
1998-99	0.00	0.00	0.00	0.00	0.00	0.00
1999-2000		0.00	0.00	0.00	0.00	0.00
2000-01		0.00	0.00	0.00	0.00	0.00
2001-02	0.00	0.00	0.00	0.00	0.00	0.00
2002-03		0.01 ± 0.01	0.00	0.00	0.00	<.01 ± <.01

Table E.4. (Cont'd.)

Species Year	Area					
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	Coastwide
Dolphin						
1983-84			0.00	0.00	0.00	0.00
1984-85			0.00	0.00	0.00	0.00
1985-86				0.03 ± 0.02	0.01 ± 0.01	0.02 ± 0.02
1986-87				0.00	0.00	0.00
1987-88			0.00	<.01 ± <.01		<.01 ± <.01
1988-89			0.00	0.03 ± 0.03	0.00	0.02 ± 0.02
1989-90			0.00	0.00		0.00
1990-91			0.00	0.00		0.00
1991-92	0.00				0.00	0.00
1992-93		0.00			0.00	0.00
1993-94		0.25 ± 0.25		0.00		0.22 ± 0.22
1994-95		0.00	0.00	0.00	0.00	0.00
1995-96		0.00	0.00	0.00	0.00	0.00
1996-97		0.00	0.00		0.00	0.00
1997-98		0.00	0.00	0.14 ± 0.13	0.00	0.02 ± 0.01
1998-99	0.00	0.00	0.00	0.00	0.00	0.00
1999-2000		0.00	0.00	<.01 ± <.01	0.01 ± 0.01	<.01 ± <.01
2000-01		0.00	0.00	0.00	0.00	<.01 ± <.01
2001-02	0.00	0.00	0.00	0.00	0.00	<.01 ± <.01
2002-03		0.00	0.00	0.00	0.00	0.00
Gray triggerfish						
1983-84			0.00	0.00	0.00	0.00
1984-85			0.00	0.00	0.00	0.00
1985-86				0.00	0.00	0.00
1986-87				0.00	0.00	0.00
1987-88			0.00	<.01 ± <.01		<.01 ± <.01
1988-89			0.00	0.00	0.00	0.00
1989-90			0.00	0.00	0.00	0.00
1990-91			0.00	0.00	0.00	0.00
1991-92			0.00	<.01 ± <.01		<.01 ± <.01
1992-93					0.00	0.00
1993-94		0.00			0.00	0.00
1994-95		0.00	0.00	0.00	0.01 ± 0.01	<.01 ± <.01
1995-96		0.00	0.00	0.00	0.00	0.00
1996-97		0.00	0.00		0.00	0.00
1997-98		0.00	0.00	0.00	0.00	0.00
1998-99		0.00	0.00	0.00	0.00	0.00
1999-2000	0.00	0.00	0.00	0.00	<.01 ± <.01	<.01 ± <.01
2000-01		0.00	0.00	0.00	0.00	0.00
2001-02	0.00	0.00	0.00	0.00	0.02 ± 0.02	<.01 ± <.01
2002-03		0.00	0.00	0.00	0.00	0.00

Table E.4. (Cont'd.)

Species Year	Area						Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Greater amberjack							
1983-84			0.00	0.00	0.00	0.00	0.00
1984-85			0.00			0.00	0.00
1985-86						0.00	0.00
1986-87						0.00	0.00
1987-88			0.00			0.00	0.00
1988-89			0.00			0.00	0.00
1989-90			0.01 ± 0.01			0.00	0.00
1990-91			0.00			0.00	0.00
1991-92	0.00					0.00	0.00
1992-93		0.00				0.00	0.00
1993-94		0.00		0.00		0.00	0.00
1994-95		0.00		0.00		0.00	0.00
1995-96		0.00		0.00		0.00	0.00
1996-97		0.00		0.00		0.00	0.00
1997-98		0.00		0.00		0.00	0.00
1998-99		0.00		0.00		0.00	0.00
1999-2000		0.00		0.00		0.00	0.00
2000-01		0.00		0.00		0.00	0.00
2001-02	0.00	0.00		0.00		0.00	0.00
2002-03		0.00		0.00		0.00	0.00
King mackerel							
1983-84			0.00	0.37 ± 0.34	0.11 ± 0.10	0.32 ± 0.29	0.32 ± 0.29
1984-85			0.02 ± 0.02	0.21 ± 0.20	0.03 ± 0.03	0.19 ± 0.19	0.19 ± 0.19
1985-86				0.20 ± 0.12	0.04 ± 0.03	0.16 ± 0.09	0.16 ± 0.09
1986-87				0.04 ± 0.04	0.00	0.03 ± 0.03	0.03 ± 0.03
1987-88			0.00	0.16 ± 0.12	0.00	0.15 ± 0.11	0.15 ± 0.11
1988-89			0.06 ± 0.06	0.17 ± 0.17	0.29 ± 0.29	0.19 ± 0.17	0.19 ± 0.17
1989-90			0.03 ± 0.03	0.08 ± 0.08		0.08 ± 0.07	0.08 ± 0.07
1990-91			0.00	0.15 ± 0.15		0.15 ± 0.14	0.15 ± 0.14
1991-92	0.00					0.15 ± 0.14	0.15 ± 0.14
1992-93		0.00				0.30 ± 0.24	0.30 ± 0.24
1993-94		0.13 ± 0.13		0.12 ± 0.10		0.04 ± 0.04	0.04 ± 0.04
1994-95		0.00		0.08 ± 0.08		0.13 ± 0.12	0.13 ± 0.12
1995-96		0.00		0.06 ± 0.06		0.05 ± 0.03	0.05 ± 0.03
1996-97		0.00	0.03 ± 0.03	0.06 ± 0.06		0.05 ± 0.04	0.05 ± 0.04
1997-98		0.02 ± 0.02	0.00	0.09 ± 0.08	0.00	0.00	0.00
1998-99	0.05 ± 0.05	0.00	0.00	0.32 ± 0.32	0.00	0.02 ± 0.02	0.02 ± 0.02
1999-2000		0.01 ± 0.01	0.02 ± 0.02	0.12 ± 0.12	0.10 ± 0.10	0.15 ± 0.13	0.15 ± 0.13
2000-01		0.00	0.00	0.12 ± 0.12	0.11 ± 0.11	0.08 ± 0.06	0.08 ± 0.06
2001-02		0.00	0.00	0.07 ± 0.07	0.03 ± 0.03	0.02 ± 0.02	0.02 ± 0.02
2001-02	0.00	0.05 ± 0.05	0.00	0.00	0.08 ± 0.08	0.02 ± 0.02	0.02 ± 0.02
2002-03		0.00	0.00	0.15 ± 0.15	0.15 ± 0.15	0.06 ± 0.06	0.06 ± 0.06

Table E.4. (Cont'd.)

Species Year	Area					
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	Coastwide
Red drum						
1983-84			0.00	0.00	0.00	0.00
1984-85			0.00	0.00	0.00	0.00
1985-86				0.00	0.00	0.00
1986-87				0.00	0.00	0.00
1987-88			0.00	0.00	0.00	0.00
1988-89			0.02 ± 0.02	0.00	0.00	<.01 ± <.01
1989-90			0.00	0.00	0.00	0.00
1990-91			0.30 ± 0.30	0.00	0.00	0.01 ± 0.01
1991-92	0.00				0.00	0.00
1992-93		0.00			0.00	0.00
1993-94		0.00		0.01 ± 0.01		<.01 ± <.01
1994-95		0.00	0.00	0.00	0.01 ± 0.01	0.01 ± 0.01
1995-96		0.00	0.05 ± 0.04	0.00	0.00	0.01 ± 0.01
1996-97		0.06 ± 0.06	0.00		0.06 ± 0.06	0.05 ± 0.04
1997-98		0.00	0.06 ± 0.06	0.05 ± 0.05	0.00	0.02 ± 0.02
1998-99		0.00	0.04 ± 0.04	0.00	0.00	0.01 ± 0.01
1999-2000		0.00	0.02 ± 0.02	0.00	0.00	0.01 ± 0.01
2000-01	0.02 ± 0.02	0.01 ± 0.01	0.02 ± 0.01	0.00	0.00	<.01 ± <.01
2001-02	0.00	0.00	0.01 ± 0.01	<.01 ± <.01	0.00	<.01 ± <.01
2002-03		0.01 ± 0.01	0.04 ± 0.03	0.02 ± 0.02	0.00	0.02 ± 0.01
Red snapper						
1983-84			0.00	0.00	1.23 ± 0.81	0.13 ± 0.11
1984-85			0.00	0.00	0.00	0.00
1985-86				0.00	0.52 ± 0.43	0.14 ± 0.10
1986-87				0.00	0.00	0.00
1987-88			0.25 ± 0.25	0.00	0.00	0.01 ± 0.01
1988-89			0.31 ± 0.31	0.00	0.00	0.02 ± 0.02
1989-90			0.48 ± 0.48	0.00	0.00	0.07 ± 0.07
1990-91			0.00	<.01 ± <.01		<.01 ± <.01
1991-92	0.00				0.00	0.00
1992-93		0.00			0.00	0.00
1993-94		0.44 ± 0.44				0.38 ± 0.38
1994-95		0.00	0.00	0.00	0.32 ± 0.28	0.14 ± 0.12
1995-96		0.00	0.01 ± 0.01	0.11 ± 0.11	0.33 ± 0.33	0.15 ± 0.15
1996-97		0.00	0.00		0.30 ± 0.30	0.09 ± 0.09
1997-98		0.00	0.00	0.00	0.59 ± 0.59	0.03 ± 0.03
1998-99		0.00	0.00	0.00	0.51 ± 0.48	0.16 ± 0.14
1999-2000	0.07 ± 0.07	0.00	0.14 ± 0.12	0.11 ± 0.11	0.07 ± 0.07	0.08 ± 0.06
2000-01		0.00	0.00	0.00	0.37 ± 0.31	0.20 ± 0.15
2001-02	0.00	0.04 ± 0.04	0.00	0.00	0.20 ± 0.20	0.03 ± 0.02
2002-03		0.00	0.00	0.00		0.00

Table E.4. (Cont'd.)

Species Year	Area					Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
Sand seatrout						
1983-84			0.01 ± 0.01	0.00	0.00	<.01 ± <.01
1984-85			0.00	0.00	0.00	0.00
1985-86				0.00	0.00	0.00
1986-87				0.00	0.00	0.00
1987-88			0.17 ± 0.17	0.00	0.00	0.01 ± 0.01
1988-89			0.00	0.00	0.00	0.00
1989-90			0.00	0.00	0.00	0.00
1990-91			0.00	0.00	0.00	0.00
1991-92	0.00			0.00	0.00	0.00
1992-93				0.00	0.00	0.00
1993-94		0.00		0.00	0.00	0.00
1994-95		0.00	0.00	0.00	0.00	0.00
1995-96		0.00	0.00	0.00	0.00	0.00
1996-97		0.00	0.00	0.00	0.00	0.00
1997-98		0.00	0.00	0.00	0.00	0.00
1998-99		0.00	0.00	0.00	0.00	0.00
1999-2000		0.00	0.00	0.00	0.00	0.00
2000-01		0.02 ± 0.02	0.00	0.00	0.00	<.01 ± <.01
2001-02	0.00	0.02 ± 0.02	0.00	0.00	0.00	0.01 ± 0.01
2002-03		0.11 ± 0.11	0.00	0.00	0.00	0.04 ± 0.04
Spanish mackerel						
1983-84			0.01 ± 0.01	0.01 ± 0.01	0.00	0.01 ± 0.01
1984-85/			0.00	0.00	0.03 ± 0.03	<.01 ± <.01
1985-86				0.00	0.00	0.00
1986-87				0.00	0.00	0.00
1987-88			0.00	0.02 ± 0.02	0.00	0.02 ± 0.02
1988-89			0.00	0.00	0.00	0.00
1989-90			0.00	0.00	0.00	0.00
1990-91			0.00	<.01 ± <.01	0.00	<.01 ± <.01
1991-92	0.00				0.04 ± 0.04	0.03 ± 0.03
1992-93					0.00	0.00
1993-94		0.00		0.03 ± 0.03	0.01 ± 0.01	0.01 ± 0.01
1994-95		0.01 ± 0.01	0.00	0.00	<.01 ± <.01	<.01 ± <.01
1995-96		0.00	0.00	0.00	0.00	0.00
1996-97		0.00	0.00	0.00	0.00	0.00
1997-98		<.01 ± <.01	0.00	0.00	0.00	<.01 ± <.01
1998-99		0.00	0.00	0.00	0.00	<.01 ± <.01
1999-2000	0.02 ± 0.02	0.00	0.01 ± 0.01	0.00	0.00	<.01 ± <.01
2000-01		0.00		0.00	0.00	0.00
2001-02	0.00	0.00	0.00	0.00	0.00	0.00
2002-03		0.10 ± 0.10	0.00	0.05 ± 0.04	0.00	0.06 ± 0.05

Table E.4. (Cont'd.)

Species Year	Area						Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Spotted seatrout							
1983-84			0.55 ± 0.49	0.00		0.00	0.02 ± 0.02
1984-85			1.83 ± 1.83			0.00	0.05 ± 0.05
1985-86						0.00	0.00
1986-87						0.00	0.00
1987-88			0.14 ± 0.14			0.00	0.01 ± 0.01
1988-89			0.00			0.00	0.00
1989-90			0.00			0.00	0.00
1990-91			0.23 ± 0.23			0.00	0.01 ± 0.01
1991-92	0.00					0.00	0.00
1992-93		0.00				0.05 ± 0.05	0.02 ± 0.02
1993-94				0.02 ± 0.02			<.01 ±
1994-95			1.18 ± 1.18	0.00		0.00	0.01 ± 0.01
1995-96			0.98 ± 0.81	0.00		0.00	0.15 ± 0.12
1996-97		0.08 ± 0.08	0.90 ± 0.90			0.06 ± 0.06	0.18 ± 0.15
1997-98		0.00	1.01 ± 0.87	0.16 ± 0.16		0.00	0.23 ± 0.18
1998-99		0.00	0.74 ± 0.66	0.00		0.00	0.11 ± 0.10
1999-2000	0.00	0.11 ± 0.11	0.19 ± 0.14	0.00		0.00	0.06 ± 0.04
2000-01		0.00	1.10 ± 0.85	0.00		0.00	0.20 ± 0.14
2001-02	0.43 ± 0.43	0.25 ± 0.20	0.87 ± 0.58	1.46 ± 1.46		0.00	0.66 ± 0.35
2002-03		0.07 ± 0.07	0.83 ± 0.62	0.40 ± 0.40		0.00	0.37 ± 0.23
Vermilion snapper							
1983-84			0.00	0.00		0.00	0.00
1984-85			0.00			0.00	0.00
1985-86						0.00	0.00
1986-87						0.00	0.00
1987-88			0.00			0.00	0.00
1988-89			0.00			0.00	0.00
1989-90			0.00			0.00	0.00
1990-91			0.00			0.00	0.00
1991-92	0.00					0.00	0.00
1992-93		0.00				0.00	0.00
1993-94						0.00	0.00
1994-95			0.00			0.00	0.00
1995-96			0.00			0.00	0.00
1996-97			0.00			0.00	0.00
1997-98			0.00			0.00	0.00
1998-99			0.00			0.00	0.00
1999-2000	0.00		0.00			0.00	0.00
2000-01			0.00			0.00	0.00
2001-02	0.00		0.00			0.00	0.00
2002-03			0.00			0.00	0.00

Table E.4. (Cont'd.)

Species Year	Area					
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	Coastwide
Other species						
1983-84			0.00	0.02 ± 0.02	0.10 ± 0.08	0.03 ± 0.02
1984-85			0.00	0.02 ± 0.02	0.00	0.02 ± 0.02
1985-86				0.01 ± 0.01	0.02 ± 0.02	0.02 ± 0.01
1986-87				<.01 ± <.01	0.30 ± 0.30	0.10 ± 0.10
1987-88			0.01 ± 0.01	<.01 ± <.01		<.01 ± <.01
1988-89			0.13 ± 0.12	0.00	0.04 ± 0.04	0.02 ± 0.02
1989-90			0.13 ± 0.13	0.00		0.02 ± 0.02
1990-91			0.00	<.01 ± <.01		<.01 ± <.01
1991-92	0.03 ± 0.03				0.01 ± 0.01	0.01 ± 0.01
1992-93		0.00			0.00	0.00
1993-94		0.01 ± 0.01		0.02 ± 0.02		0.01 ± 0.01
1994-95		0.00	0.00	0.00	0.11 ± 0.11	0.05 ± 0.05
1995-96		0.00	0.00	0.06 ± 0.06		<.01 ± <.01
1996-97		0.00	0.00		0.00	0.00
1997-98		<.01 ± <.01	0.01 ± 0.01	0.00	0.00	<.01 ± <.01
1998-99	0.00	0.00	0.04 ± 0.04	0.00	0.19 ± 0.19	0.07 ± 0.06
1999-2000		0.00	0.01 ± 0.01	0.04 ± 0.04	0.00	0.02 ± 0.02
2000-01		0.00	0.00	0.00	0.03 ± 0.03	0.01 ± 0.01
2001-02	0.04 ± 0.04	0.00	0.00	0.00	0.04 ± 0.04	0.01 ± 0.01
2002-03		0.01 ± 0.01	0.01 ± 0.01	0.07 ± 0.07		0.03 ± 0.03
All species combined *						
1983-84			0.76 ± 0.66	0.41 ± 0.38	1.45 ± 0.89	0.54 ± 0.43
1984-85			1.85 ± 1.84	0.25 ± 0.23	0.13 ± 0.13	0.30 ± 0.25
1985-86				0.28 ± 0.17	0.66 ± 0.50	0.38 ± 0.19
1986-87				0.13 ± 0.12	1.50 ± 1.50	0.56 ± 0.51
1987-88			1.07 ± 0.87	0.22 ± 0.16	0.46 ± 0.46	0.26 ± 0.17
1988-89			0.55 ± 0.52	0.21 ± 0.21		0.29 ± 0.24
1989-90			0.85 ± 0.83	0.13 ± 0.11		0.24 ± 0.18
1990-91			0.53 ± 0.53	0.18 ± 0.17		0.24 ± 0.18
1991-92	0.03 ± 0.03				0.47 ± 0.36	0.19 ± 0.17
1992-93		0.00			0.19 ± 0.19	0.41 ± 0.31
1993-94		0.86 ± 0.86		0.25 ± 0.19		0.07 ± 0.07
1994-95		0.00	1.20 ± 1.20	0.08 ± 0.08	0.56 ± 0.41	0.77 ± 0.75
1995-96		0.00	1.06 ± 0.86	0.22 ± 0.22	0.49 ± 0.44	0.28 ± 0.17
1996-97		0.16 ± 0.16	0.90 ± 0.90		0.42 ± 0.42	0.39 ± 0.24
1997-98		0.03 ± 0.03	1.07 ± 0.93	0.45 ± 0.40	0.59 ± 0.59	0.33 ± 0.24
1998-99	0.20 ± 0.20	0.00	0.83 ± 0.74	0.34 ± 0.34	0.81 ± 0.76	0.51 ± 0.34
1999-2000		0.12 ± 0.12	0.41 ± 0.27	0.28 ± 0.27	0.18 ± 0.18	0.26 ± 0.16
2000-01		0.03 ± 0.03	1.12 ± 0.87	0.07 ± 0.07	0.44 ± 0.36	0.45 ± 0.25

Table E.4. (Cont'd.)

Species Year	Area					
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	Coastwide
All species combined ^a (Cont'd.)						
2001-02	0.46 ± 0.46	0.35 ± 0.26	0.91 ± 0.60	1.49 ± 1.47	0.33 ± 0.33	0.74 ± 0.37
2002-03		0.34 ± 0.33	0.90 ± 0.67	0.77 ± 0.70		0.63 ± 0.37

^a Due to rounding of numbers, these totals may not exactly equal sum of individual totals.

Table E.5. Estimated annual mean total lengths of fishes (mm/fish) \pm 1 SE caught by party-boat anglers in the TTS by area, species, and year (1983-2003). Blank mean values indicate no fish measured. Blank standard errors indicate fish measured on only one survey day.

Species Year	Area					
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	Coastwide
Atlantic croaker						
1983-84						
1984-85						
1985-86						
1986-87						
1987-88						
1988-89						
1989-90						
1990-91						
1991-92						
1992-93						
1993-94						
1994-95						
1995-96						
1996-97						
1997-98						
1998-99						
1999-2000						
2000-01						
2001-02						
2002-03						
Atlantic sharpnose shark						
1983-84				925 \pm 33		925 \pm 33
1984-85						
1985-86						
1986-87						
1987-88			690	951 \pm 8		908 \pm 8
1988-89			780	974		950
1989-90			715	970		868
1990-91				934		934
1991-92						
1992-93						
1993-94						
1994-95						
1995-96						
1996-97						
1997-98						
1998-99	1322			914		914
1999-2000				987		1115
2000-01					943	943
2001-02				723		723
2002-03		930				930

Table E.5. (Cont'd.)

Species Year	Area					
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	Coastwide
Atlantic spadefish						
1983-84						
1984-85						
1985-86				247		247
1986-87						
1987-88						
1988-89						
1989-90						
1990-91						
1991-92						
1992-93						
1993-94						
1994-95				241		241
1995-96						
1996-97						
1997-98						
1998-99						
1999-2000						
2000-01						
2001-02						
2002-03						
Black drum						
1983-84						
1984-85						
1985-86						
1986-87						
1987-88						
1988-89						
1989-90						
1990-91						
1991-92						
1992-93						
1993-94						
1994-95						
1995-96						
1996-97						
1997-98						
1998-99						
1999-2000						
2000-01						
2001-02						
2002-03						
		526				526
		470				470

Table E.5. (Cont'd.)

Species Year	Area					
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	Coastwide
Blacktip shark						
1983-84			565			565
1984-85				750		750
1985-86						
1986-87						
1987-88				781 ± 1		781 ± 1
1988-89				1301	966	1050
1989-90			760	1021		891
1990-91						
1991-92						
1992-93						
1993-94						
1994-95			658			658
1995-96						
1996-97						
1997-98						
1998-99			660		998	829
1999-2000			1152			1152
2000-01						
2001-02			1282			1282
2002-03		1072	595			807
Cobia						
1983-84						
1984-85				1292		1292
1985-86						
1986-87						
1987-88						
1988-89						
1989-90				1090		1090
1990-91						
1991-92						
1992-93						
1993-94						
1994-95						
1995-96						
1996-97						
1997-98						
1998-99						
1999-2000			1240	1025		1168
2000-01						
2001-02			1094			1094
2002-03						

Table E.5. (Cont'd.)

Species Year	Area					Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
Dolphin						
1983-84						
1984-85						
1985-86				746 ± 34	440	718 ± 34
1986-87						
1987-88				737		737
1988-89				484		484
1989-90						
1990-91						
1991-92						
1992-93						
1993-94						
1994-95		500				500
1995-96						
1996-97						
1997-98				404		404
1998-99						
1999-2000						
2000-01				559	792	559
2001-02						792
2002-03						
Gray triggerfish						
1983-84						
1984-85						
1985-86						
1986-87						
1987-88				270		270
1988-89						
1989-90						
1990-91						
1991-92				311		311
1992-93						
1993-94						
1994-95						
1995-96					409	409
1996-97						
1997-98						
1998-99					445	445
1999-2000						
2000-01						
2001-02					364	364
2002-03						

Table E.5. (Cont'd.)

Species Year	Area					
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	Coastwide
Greater amberjack						
1983-84				984 ± 32	993 ± 17	986 ± 25
1984-85				834		834
1985-86				1013 ± 17	1045	1015 ± 17
1986-87				967		967
1987-88				932 ± 23		932 ± 23
1988-89				1003	873	979
1989-90				996		999
1990-91				1012		1012
1991-92					858 ± 3	858 ± 3
1992-93					877	877
1993-94						922
1994-95					921 ± 48	932 ± 42
1995-96					968	973
1996-97						
1997-98						
1998-99						
1999-2000						
2000-01						
2001-02						
2002-03						
King mackerel						
1983-84						
1984-85						
1985-86						
1986-87						
1987-88						
1988-89			1078			
1989-90			1030			
1990-91						
1991-92						
1992-93						
1993-94		868		998		
1994-95				1005		
1995-96				891		
1996-97						
1997-98						
1998-99	1083			935		935
1999-2000				927		943
2000-01			851	935		949
2001-02		932		982		989
2002-03				1032		968
						1032

Table E.5. (Cont'd.)

Species Year	Area					
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	Coastwide
Lane snapper						
1983-84						
1984-85						
1985-86						
1986-87						
1987-88						
1988-89						
1989-90			280			280
1990-91				215		215
1991-92						
1992-93						
1993-94						
1994-95						
1995-96						
1996-97						
1997-98						
1998-99						
1999-2000				413		413
2000-01						
2001-02						
2002-03						
Little tunny						
1983-84						
1984-85				666		666
1985-86				595	680	671
1986-87					643	643
1987-88						
1988-89						
1989-90						
1990-91						
1991-92					621	621
1992-93					710	710
1993-94						
1994-95						
1995-96					603 ± 19	603 ± 19
1996-97					622	622
1997-98						
1998-99						
1999-2000						
2000-01						
2001-02						
2002-03						

Table E.5. (Cont'd.)

Species Year	Area						Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Sand seatrout							
1983-84			320				320
1984-85							
1985-86							
1986-87							
1987-88			342				342
1988-89							
1989-90							
1990-91							
1991-92							
1992-93							
1993-94							
1994-95							
1995-96							
1996-97							
1997-98							
1998-99							
1999-2000							
2000-01		255					255
2001-02		243					243
2002-03							
Spanish mackerel							
1983-84							
1984-85			580	674			643
1985-86							
1986-87							
1987-88							
1988-89				586 ± 7			586 ± 7
1989-90							
1990-91				482		707	482 707
1991-92							
1992-93							
1993-94				486			508 607
1994-95		616					616 520
1995-96							
1996-97							
1997-98							
1998-99							
1999-2000	616		520				616 520
2000-01							
2001-02		547					552 ± 20
2002-03				588 ± 20			552 ± 20

Table E.5. (Cont'd.)

Species Year	Area						Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Spotted seatrout							
1983-84			466 ± 4				466 ± 4
1984-85			547				547
1985-86							
1986-87							
1987-88			451				451
1988-89							
1989-90							
1990-91			474				474
1991-92							
1992-93					437		437
1993-94							
1994-95			447				447
1995-96			462				462
1996-97		490	418				433
1997-98			447 ± 18	444 ± 3			445 ± 7
1998-99			449				449
1999-2000		411	458 ± 22				452 ± 19
2000-01			443 ± 13				443 ± 13
2001-02	378	428	467 ± 7	421 ± 5			453 ± 5
2002-03		457	495 ± 9	390			483 ± 7
Vermilion snapper							
1983-84							
1984-85							
1985-86							
1986-87							
1987-88							
1988-89							
1989-90							
1990-91							
1991-92							
1992-93							
1993-94							
1994-95							
1995-96							
1996-97							
1997-98							
1998-99							
1999-2000							
2000-01							

Table E.5. (Cont'd.)

Species Year	Area					Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
Vermilion snapper (Cont'd.)						
2001-02						
2002-03						

Table E.6. Estimated annual mean whole weights of fishes (kg/fish) \pm 1 SE caught by party-boat anglers in the TTS by area, species, and year (1983-2003). Weights derived from conversion of length measurements. Blank mean values indicate no fish weighed or measured. Blank standard errors indicate fish weighed or measured on only one survey day.

Species Year	Area					Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
Atlantic croaker						
1983-84						
1984-85						
1985-86						
1986-87						
1987-88						
1988-89						
1989-90						
1990-91						
1991-92						
1992-93						
1993-94						
1994-95						
1995-96						
1996-97						
1997-98						
1998-99						
1999-2000						
2000-01						
2001-02						
2002-03						
Atlantic sharpnose shark						
1983-84						
1984-85						
1985-86				5.70 \pm 0.46		5.70 \pm 0.46
1986-87						
1987-88			1.92	6.13 \pm 0.17		5.43 \pm 0.17
1988-89			2.91	6.60		6.14
1989-90			2.12	6.62		4.82
1990-91				5.64		5.64
1991-92						
1992-93						
1993-94						
1994-95						
1995-96						
1996-97						
1997-98						
1998-99				5.21		5.21
1999-2000				6.90		13.54
2000-01	20.18					
2001-02					5.84	5.84
2002-03				2.21		2.21
		5.65				5.65

Table E.6. (Cont'd.)

Species Year	Area					Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
Atlantic spadefish						
1983-84						
1984-85						
1985-86				0.49		0.49
1986-87						
1987-88						
1988-89						
1989-90						
1990-91						
1991-92						
1992-93						
1993-94						
1994-95				0.44		0.44
1995-96						
1996-97						
1997-98						
1998-99						
1999-2000						
2000-01						
2001-02						
2002-03						
Black drum						
1983-84						
1984-85						
1985-86						
1986-87						
1987-88						
1988-89						
1989-90						
1990-91						
1991-92						
1992-93						
1993-94						
1994-95						
1995-96						
1996-97						
1997-98		2.04				2.04
1998-99						
1999-2000						
2000-01						
2001-02						
2002-03		1.46				1.46

Table E.6. (Cont'd.)

Species Year	Area						Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Blacktip shark							
1983-84			1.07				1.07
1984-85				2.70			2.70
1985-86							
1986-87							
1987-88				3.08 ± 0.01			3.08 ± 0.01
1988-89				16.36	6.19		8.73
1989-90			2.82	7.40			5.11
1990-91							
1991-92							
1992-93							
1993-94							
1994-95			1.76				1.76
1995-96							
1996-97							
1997-98							
1998-99			1.78			6.87	4.33
1999-2000			10.99				10.99
2000-01							
2001-02			15.59				15.59
2002-03			1.29				4.61
Cobia							
1983-84						16.36	16.36
1984-85							
1985-86							
1986-87							
1987-88				9.81			9.81
1988-89							
1989-90							
1990-91							
1991-92							
1992-93							
1993-94							
1994-95							
1995-96							
1996-97							
1997-98							
1998-99							
1999-2000			16.32	8.15			13.60
2000-01							
2001-02			10.08				10.08
2002-03							

Table E.6. (Cont'd.)

Species Year	Area					Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
Dolphin						
1983-84						
1984-85					0.51	2.35 ± 0.27
1985-86				2.53 ± 0.27		
1986-87				2.27		2.27
1987-88				0.68		0.68
1988-89						
1989-90						
1990-91						
1991-92						
1992-93						
1993-94						
1994-95		0.75				0.75
1995-96						
1996-97						
1997-98				0.40		0.40
1998-99						
1999-2000				1.03	2.79	1.03
2000-01						2.79
2001-02						
2002-03						
Gray triggerfish						
1983-84						
1984-85						
1985-86						
1986-87						
1987-88				0.28		0.28
1988-89						
1989-90						
1990-91				0.42		0.42
1991-92						
1992-93						
1993-94						
1994-95					0.83	0.83
1995-96						
1996-97						
1997-98						
1998-99					1.04	1.04
1999-2000						
2000-01						
2001-02					0.62	0.62
2002-03						

Table E.6. (Cont'd.)

Species Year	Area					
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	Coastwide
Greater amberjack						
1983-84						
1984-85						
1985-86						
1986-87						
1987-88						
1988-89						
1989-90						
1990-91						
1991-92						
1992-93						
1993-94						
1994-95						
1995-96						
1996-97						
1997-98						
1998-99						
1999-2000						
2000-01						
2001-02						
2002-03						
King mackerel						
1983-84				5.13 ± 0.53	5.22 ± 0.30	5.14 ± 0.41
1984-85				3.02		3.02
1985-86				5.49 ± 0.24	5.95	5.51 ± 0.24
1986-87				4.68		4.68
1987-88				4.38 ± 0.32	3.51	4.38 ± 0.32
1988-89			6.95	5.28		5.05
1989-90			5.68	5.25		5.29
1990-91				5.45		5.45
1991-92					3.31 ± 0.03	3.31 ± 0.03
1992-93					3.48	3.48
1993-94		3.45		5.35		3.48
1994-95				5.33	4.23 ± 0.64	4.24
1995-96			5.42	3.64	4.83	4.37 ± 0.56
1996-97						4.95
1997-98				4.22		4.22
1998-99	6.97			4.21	4.23	4.50
1999-2000		6.78	3.33	4.32	5.12	4.54
2000-01				5.07	5.09	5.08
2001-02		4.25			6.71	4.87
2002-03				5.79		5.79

Table E.6. (Cont'd.)

Species Year	Area					Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
Lane snapper						
1983-84						
1984-85						
1985-86						
1986-87						
1987-88			0.32			0.32
1988-89						
1989-90						
1990-91				0.16		0.16
1991-92						
1992-93						
1993-94						
1994-95						
1995-96						
1996-97						
1997-98						
1998-99						
1999-2000				0.88		0.88
2000-01						
2001-02						
2002-03						
Little tunny						
1983-84						
1984-85				3.37		3.37
1985-86						
1986-87				2.35	3.57	3.44
1987-88					3.01	3.01
1988-89						
1989-90						
1990-91						
1991-92					2.71	2.71
1992-93					4.06	4.06
1993-94						
1994-95						
1995-96					2.49 ± 0.23	2.49 ± 0.23
1996-97					2.76	2.76
1997-98						
1998-99						
1999-2000						
2000-01						
2001-02						
2002-03						

Table E.6. (Cont'd.)

Species Year	Area						Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Sand seatrout							
1983-84			0.34				0.34
1984-85							
1985-86							
1986-87			0.42				0.42
1987-88							
1988-89							
1989-90							
1990-91							
1991-92							
1992-93							
1993-94							
1994-95							
1995-96							
1996-97							
1997-98							
1998-99							
1999-2000							
2000-01		0.17					0.17
2001-02		0.15					0.15
2002-03							
Spanish mackerel							
1983-84			1.10		1.70		1.50
1984-85							
1985-86							
1986-87							
1987-88							
1988-89				1.23 ± 0.01			1.23 ± 0.01
1989-90							
1990-91				0.65		1.95	0.65
1991-92							1.95
1992-93							
1993-94				0.68			0.80
1994-95		1.47				1.26	1.26
1995-96							
1996-97							
1997-98							
1998-99							
1999-2000	1.31						1.31
2000-01			0.81				0.81
2001-02		0.94					
2002-03				1.15 ± 0.11			0.97 ± 0.11

Table E.6. (Cont'd.)

Species Year	Area						Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Spotted seatrout							
1983-84			0.96 ± 0.02				0.96 ± 0.02
1984-85			1.56				1.56
1985-86							
1986-87			0.87				0.87
1987-88							
1988-89							
1989-90							
1990-91			1.06				1.06
1991-92							
1992-93					0.78		0.78
1993-94							
1994-95							
1995-96			0.85				0.85
1996-97			0.97				0.97
1997-98		1.15	0.69		1.08		0.78
1998-99			0.87 ± 0.11				0.86 ± 0.04
1999-2000			0.88				0.88
2000-01		0.66	0.97 ± 0.16				0.92 ± 0.13
2001-02	0.52	0.74	0.85 ± 0.09				0.85 ± 0.09
2002-03		0.92	0.98 ± 0.04			0.71 ± 0.02	0.90 ± 0.03
			1.20 ± 0.07		0.55		1.12 ± 0.06
Vermilion snapper							
1983-84							
1984-85							
1985-86							
1986-87							
1987-88							
1988-89							
1989-90							
1990-91							
1991-92							
1992-93							
1993-94							
1994-95							
1995-96							
1996-97							
1997-98							
1998-99							
1999-2000							
2000-01							
2001-02							
2002-03							

Table E.6. (Cont'd.)

Species Year	Area					
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	Coastwide
All species combined ^a						
1983-84			0.96 ± 0.02	5.14 ± 0.48	2.21 ± 0.16	3.23 ± 0.22
1984-85			1.56	3.82		2.88
1985-86				5.19 ± 0.35	1.66 ± 0.38	3.79 ± 0.26
1986-87				1.54	5.16	4.25
1987-88			0.80	4.46 ± 0.25		3.38 ± 0.21
1988-89			3.49	4.88 ± 0.23	4.88	4.26 ± 0.12
1989-90			3.14	5.73		3.74
1990-91			1.70	3.48 ± 0.57		2.64 ± 0.57
1991-92	0.45				4.90 ± 0.01	4.76 ± 0.01
1992-93					2.88	2.88
1993-94		2.21		2.28		2.22
1994-95			0.98	5.33	2.93 ± 0.31	2.58 ± 0.23
1995-96			1.33 ± 0.15	3.34	1.90 ± 0.86	1.47 ± 0.19
1996-97		1.82	1.32 ± 0.72		1.12	1.38 ± 0.72
1997-98			1.18 ± 0.03	1.29 ± 0.04	1.75	1.27 ± 0.03
1998-99			1.21	4.45	2.72	2.11
1999-2000	5.99	1.07	1.77 ± 0.23	2.47	3.00	1.94 ± 0.20
2000-01		12.33	0.91 ± 0.06	5.07	2.01 ± 0.61	1.48 ± 0.25
2001-02	0.71	1.97	1.57 ± 0.49	0.96 ± 0.28	2.54	1.55 ± 0.33
2002-03		2.10	1.42 ± 0.07	1.22 ± 0.87		1.52 ± 0.13

^aIncludes "other" species.

Table E.7. Composition (%) of "other" species caught by party-boat anglers in the TTS by year, area, and species (1983-2003). Values represent percentages of the observed coastwide total of "other" species.

Year	Common name	Scientific name	Area						Coastwide *
			Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
1983-84	Atlantic bonito	<u>Sarda sarda</u>					50.00	50.00	
	Blue runner	<u>Caranx crysos</u>					6.25	6.25	
	Crevalle jack	<u>Caranx hippos</u>				6.25	25.00	31.25	
	Requiem shark sp.	Family Carcharhinidae				12.50		12.50	
1984-85	Crevalle jack	<u>Caranx hippos</u>				100.00		100.00	
1985-86	Almaco jack	<u>Seriola rivoliana</u>				11.11		11.11	
	Blue runner	<u>Caranx crysos</u>				11.11		11.11	
	Crevalle jack	<u>Caranx hippos</u>				44.44		55.56	
	Requiem shark sp.	Family Carcharhinidae				11.11		11.11	
	Scamp	<u>Mycteroperca phenax</u>				11.11		11.11	
1986-87	Atlantic bonito	<u>Sarda sarda</u>				25.00		25.00	
	Crevalle jack	<u>Caranx hippos</u>					75.00	75.00	
1987-88	Crevalle jack	<u>Caranx hippos</u>				33.33		33.33	
	Lemon shark	<u>Negaprion brevirostris</u>				33.33		33.33	
	Southern kingfish	<u>Menticirrhus americanus</u>			33.33			33.33	
1988-89	Bluefish	<u>Pomatomus saltatrix</u>			60.00			60.00	
	Crevalle jack	<u>Caranx hippos</u>			10.00		10.00	20.00	
	Requiem shark sp.	Family Carcharhinidae			20.00			20.00	
1989-90	Gafftopsail catfish	<u>Bagre marinus</u>			9.09			9.09	
	Silver seatrout	<u>Cynoscion nothus</u>			81.82			81.82	
	Southern kingfish	<u>Menticirrhus americanus</u>			9.09			9.09	
1990-91	Bluntnose jack	<u>Hemicaranx amblyrhynchus</u>				100.00		100.00	
1991-92	Sailfish	<u>Istiophorus platypterus</u>					50.00	50.00	
	Southern flounder	<u>Paralichthys lethostigma</u>	50.00					50.00	
1992-93	none								
1993-94	Bluefish	<u>Pomatomus saltatrix</u>		50.00				100.00	
1994-95	Atlantic bonito	<u>Sarda sarda</u>					1.30	1.30	

Table E.7. (Cont'd.)

Year	Common name	Scientific name	Area					Coastwide ^a
			Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
1994-95 (Cont'd.)	Bermuda chub	<u>Kyphosus sectatrix</u>					3.90	3.90
	Blackfin tuna	<u>Thunnus atlanticus</u>					3.90	3.90
	Crevalle jack	<u>Caranx hippos</u>					1.30	1.30
	Gray snapper	<u>Lutjanus griseus</u>					88.31	88.31
	Warsaw grouper	<u>Epinephelus nigritus</u>					1.30	1.30
1995-96	Spinner shark	<u>Carcharhinus brevipinna</u>				100.00		100.00
1996-97	none							
1997-98	Southern flounder	<u>Paralichthys lethostigma</u>			100.00			100.00
1998-99	Gafftopsail catfish	<u>Bagre marinus</u>			25.00			25.00
	Gray snapper	<u>Lutjanus griseus</u>					58.33	58.33
	Rock hind	<u>Epinephelus adscensionis</u>					4.17	4.17
	Scalloped hammerhead	<u>Sphyrna lewini</u>			4.17			4.17
	Sheepshead	<u>Archosargus probatocephalus</u>			4.17			4.17
	Silver seatrout	<u>Cynoscion nothus</u>			4.17			4.17
1999-2000	Gag	<u>Mycteroperca microlepis</u>				50.00		50.00
	Sheepshead	<u>Archosargus probatocephalus</u>				33.33		33.33
	Southern kingfish	<u>Menticirrhus americanus</u>			16.67			16.67
2000-01	Family clingfishes	Family Gobiessocidae					11.11	11.11
	Gag	<u>Mycteroperca microlepis</u>					11.11	11.11
	Red hind	<u>Epinephelus guttatus</u>					11.11	11.11
	Rock hind	<u>Epinephelus adscensionis</u>					66.67	66.67
2001-02	Rock hind	<u>Epinephelus adscensionis</u>					66.67	66.67
	Tripletail	<u>Lobotes surinamensis</u>	33.33					33.33
2002-03	Silky shark	<u>Carcharhinus falciformis</u>		16.67				16.67
	Southern kingfish	<u>Menticirrhus americanus</u>				66.67		66.67
	Spinner shark	<u>Carcharhinus brevipinna</u>			16.67			16.67

^a Due to rounding of numbers, coastwide percentages may not exactly equal sum of area percentages.

Table E.8. Residential origin (%) of party-boat anglers in the TTS by area and year (1983-98). Blanks indicate no interviews conducted.

Residence Year	Area					Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
Adjacent coastal counties						
1983-84			40	6	14	15
1984-85			100	6	20	24
1985-86				4	46	18
1986-87				0	0	0
1987-88			58	0	0	17
1988-89			50	38	0	37
1989-90			27	7	0	16
1990-91			100	18		36
1991-92	90				0	38
1992-93		100			25	60
1993-94		100		17		63
1994-95		100	43	40	24	37
1995-96		62	47	50	17	43
1996-97		86	100		33	77
1997-98		100	52	14	33	48
1998-99	20	20	67	22	29	41
1999-2000		75	42	24	22	41
2000-01		62	48	0	19	36
2001-02	0	38	31	20	67	32
2002-03		54	40	0		41
Non-adjacent coastal counties						
1983-84			0	0	19	6
1984-85			0	0	0	0
1985-86				17	0	11
1986-87				0	0	0
1987-88			42	7	0	17
1988-89			0	0	0	0
1989-90			27	0	0	12
1990-91			0	18		14
1991-92	10				0	4
1992-93		0			0	0
1993-94		0			0	0
1994-95		0	57	0	6	9
1995-96		0	0	0	8	2
1996-97		0	0	0	0	0
1997-98		0	0	0	0	0
1998-99	0	0	5	0	71	20
1999-2000		0	21	0	0	7
2000-01		0	35	0	0	11

Table E.8. (Cont'd.)

Residence Year	Area							Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre			
Non-adjacent coastal counties (Cont'd.)								
2001-02	75	0	28	0	0	0	0	17
2002-03		0	28	0	0	0	0	12
Non-coastal counties								
1983-84			60			84	52	69
1984-85			0			67	0	43
1985-86						74	38	62
1986-87						78	100	82
1987-88			0			76		54
1988-89			50			31	100	48
1989-90			45			93		72
1990-91			0			45		36
1991-92	0						57	33
1992-93		0					75	40
1993-94		0				83		37
1994-95		0	0			50	57	44
1995-96		15	53			50	42	39
1996-97		14	0			67		23
1997-98		0	44			86	0	46
1998-99	80	80	29			78	0	39
1999-2000		0	29			76	78	43
2000-01		38	13			100	65	44
2001-02	0	44	41			80	33	45
2002-03		35	28			0		41
Other states and countries								
1983-84			0			10	14	10
1984-85			0			27	80	33
1985-86						4	17	8
1986-87						22	0	18
1987-88			0			17		12
1988-89			0			31	0	15
1989-90			0			0		0
1990-91			0			18		14
1991-92	0						43	25
1992-93		0					0	0
1993-94		0				0		0
1994-95		0	0			10	12	9
1995-96		23	0			0	33	15
1996-97		0	0			0	0	0
1997-98		0	4			0	67	6
1998-99	0	0	0			0	0	0

Table E.8. (Cont'd.)

Residence Year	Area					Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
Other states and countries (Cont'd.)						
1999-2000		25	8	0	0	9
2000-01		0	4	0	16	9
2001-02	25	19	0	0	0	6
2002-03		12	4	0	0	7

Table E.9. Species sought (%) by party-boat anglers in the TTS by area and year (1991-2003).

Species Year	Area					Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
King mackerel						
1991-92	0	-	-	-	25.0	16.7
1992-93	-	0	-	-	0	0
1993-94	-	0	-	33.3	-	16.7
1994-95	-	0	0	50.0	30.8	26.3
1995-96	-	0	25.0	0	50.0	18.2
1996-97	-	0	0	-	0	0
1997-98	-	0	0	16.7	0	9.5
1998-99	100.0	0	0	100.0	0	25.0
1999-2000	-	0	14.3	25.0	100.0	18.8
2000-01	-	0	0	100.0	0	7.1
2001-02	0	0	0	0	0	0
2002-03	-	0	0	33.3	-	6.7
King mackerel and red snapper						
1991-92	0	-	-	-	0	0
1992-93	-	0	-	-	0	0
1993-94	-	33.3	-	0	-	16.7
1994-95	-	0	0	0	7.7	5.3
1995-96	-	0	0	100.0	0	9.1
1996-97	-	0	0	-	0	0
1997-98	-	0	0	0	0	0
1998-99	0	0	0	0	100.0	16.7
1999-2000	-	0	0	0	0	0
2000-01	-	0	0	0	0	0
2001-02	0	0	0	0	100.0	6.7
2002-03	-	16.7	0	0	-	6.7
Red drum						
1991-92	0	-	-	-	0	0
1992-93	-	0	-	-	0	0
1993-94	-	0	-	0	-	0
1994-95	-	0	0	0	0	0
1995-96	-	0	0	0	0	0
1996-97	-	0	0	-	0	0
1997-98	-	0	0	0	0	0
1998-99	0	100.0	0	0	0	8.3
1999-2000	-	25.0	0	0	0	6.2
2000-01	-	0	0	0	0	0
2001-02	0	0	0	0	0	0
2002-03	-	0	0	0	-	0

Table E.9. (Cont'd.)

Species Year	Area					Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
Red snapper						
1991-92	0	-	-	-	0	0
1992-93	-	0	-	-	0	0
1993-94	-	0	-	0	-	0
1994-95	-	0	0	0	15.4	10.5
1995-96	-	0	0	0	50.0	9.1
1996-97	-	0	0	-	0	0
1997-98	-	0	0	0	100.0	4.8
1998-99	0	0	0	0	0	0
1999-2000	-	0	0	0	0	0
2000-01	-	0	0	0	75.0	21.4
2001-02	0	0	0	0	0	0
2002-03	-	0	0	0	-	0
Sharks^a						
1991-92	0	-	-	-	0	0
1992-93	-	0	-	-	0	0
1993-94	-	0	-	0	-	0
1994-95	-	0	0	0	0	0
1995-96	-	0	0	0	0	0
1996-97	-	0	0	-	0	0
1997-98	-	0	0	0	0	0
1998-99	0	0	0	0	0	0
1999-2000	-	0	0	0	0	0
2000-01	-	66.7	0	0	0	0
2001-02	0	0	0	0	0	14.3
2002-03	-	0	0	0	-	0
Spotted seatrout						
1991-92	0	-	-	-	0	0
1992-93	-	0	-	-	0	0
1993-94	-	0	-	0	-	0
1994-95	-	0	50.0	0	0	5.3
1995-96	-	0	25.0	0	0	9.1
1996-97	-	0	100.0	-	0	25.0
1997-98	-	0	50.0	41.7	0	38.1
1998-99	0	0	0	0	0	0
1999-2000	-	25.0	14.3	0	0	12.5
2000-01	-	0	66.7	0	0	28.6
2001-02	100.0	25.0	57.1	50.0	0	46.7
2002-03	-	16.7	33.3	0	-	20.0

Table E.9. (Cont'd.)

Species Year	Area					Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
Spotted seatrout and red drum						
1991-92	50.0	-	-	-	0	16.7
1992-93	-	0	-	-	0	0
1993-94	-	0	-	33.3	-	16.7
1994-95	-	0	50.0	0	0	5.3
1995-96	-	0	25.0	0	0	9.1
1996-97	-	50.0	0	-	0	25.0
1997-98	-	0	50.0	33.3	0	33.3
1998-99	0	0	100.0	0	0	50.0
1999-2000	-	0	57.1	0	0	25.0
2000-01	-	0	16.7	0	0	7.1
2001-02	0	25.0	14.3	0	0	13.3
2002-03	-	16.7	33.3	33.3	-	26.7
Tarpon						
1991-92	0	-	-	-	0	0
1992-93	-	100.0	-	-	0	50.0
1993-94	-	66.7	-	0	-	33.3
1994-95	-	100.0	0	0	0	10.5
1995-96	-	75.0	0	0	0	27.3
1996-97	-	50.0	0	-	0	25.0
1997-98	-	50.0	0	0	0	4.8
1998-99	0	0	0	0	0	0
1999-2000	-	50.0	0	0	0	12.5
2000-01	-	33.3	0	0	0	7.1
2001-02	0	0	0	0	0	0
2002-03	-	0	0	0	-	0
Other species or combinations						
1991-92	50.0	-	-	-	0	16.7
1992-93	-	0	-	-	0	0
1993-94	-	0	-	0	-	0
1994-95	-	0	0	0	7.7	5.3
1995-96	-	25.0	0	0	0	9.1
1996-97	-	0	0	-	0	0
1997-98	-	0	0	0	0	0
1998-99	0	0	0	0	0	0
1999-2000	-	0	0	75.0	0	18.8
2000-01	-	0	0	0	0	0
2001-02	0	0	14.3	0	0	6.7
2002-03	-	16.7	0	0	-	6.7

Table E.9. (Cont'd.)

Species Year	Area					
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	Coastwide
No particular species						
1991-92	0	-	-	-	75.0	50.0
1992-93	-	0	-	-	100.0	50.0
1993-94	-	0	-	33.3	-	16.7
1994-95	-	0	0	50.0	38.5	31.6
1995-96	-	0	25.0	0	0	9.1
1996-97	-	0	0	-	100.0	25.0
1997-98	-	50.0	0	8.3	0	9.5
1998-99	0	0	0	0	0	0
1999-2000	-	0	14.3	0	0	6.2
2000-01	-	0	16.7	0	25.0	14.3
2001-02	0	50.0	14.3	50.0	0	26.7
2002-03	-	33.3	33.3	33.3	-	33.3
Number of responses						
1991-92	2	0	0	0	4	6
1992-93	0	2	0	0	2	4
1993-94	0	3	0	3	0	6
1994-95	0	2	2	2	13	19
1995-96	0	4	4	1	2	11
1996-97	0	2	1	0	1	4
1997-98	0	2	6	12	1	21
1998-99	1	1	6	2	2	12
1999-2000	0	4	7	4	1	16
2000-01	0	3	6	1	4	14
2001-02	1	4	7	2	1	15
2002-03	0	6	6	3	0	15

^a Orders Lamniformes and Squaliformes.

Table E.10. (Cont'd.)

Area	Response scale categories ^a										Mean response	No. of responses			
	0	1	2	3	4	5	6	7	8	9			10		
Lower Laguna Madre															
1987-88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
1988-89	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
1989-90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
1990-91	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
1991-92	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
1992-93	0	0	0	0	0	0	50.0	0	0	0	0	0	0	0	2
1993-94	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
1994-95	0	0	0	0	0	0	0	0	7.7	23.1	69.2	0	0	0	13
1995-96	0	0	0	0	0	0	0	0	50.0	0	50.0	0	0	0	2
1996-97	0	0	0	0	0	0	100.0	0	0	0	0	0	0	0	1
1997-98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
1998-99	0	0	0	0	0	0	0	0	50.0	0	100.0	0	0	0	2
1999-2000	0	0	0	0	0	0	0	0	0	100.0	0	0	0	0	1
2000-01	0	25.0	0	0	0	0	0	0	0	0	0	0	0	0	4
2001-02	0	0	0	0	0	0	0	0	0	0	75.0	0	0	0	1
2002-03	-	-	-	-	-	-	-	-	-	-	100.0	-	-	-	0
Coastwide															
1987-88	0	0	9.1	0	0	0	0	0	9.1	0	63.6	0	0	0	11
1988-89	0	0	0	0	0	0	16.7	0	0	0	83.3	0	0	0	6
1989-90	20.0	0	0	0	0	0	0	0	60.0	0	0	0	0	0	5
1990-91	0	0	0	0	0	25.0	0	0	50.0	0	25.0	0	0	0	4
1991-92	33.3	0	0	0	0	0	0	0	0	0	66.7	0	0	0	6
1992-93	0	0	0	0	0	0	25.0	0	25.0	0	50.0	0	0	0	4
1993-94	0	0	0	0	0	0	33.3	0	33.3	0	16.7	0	0	0	6
1994-95	5.6	0	0	0	0	0	0	0	5.3	21.1	68.4	0	0	0	19
1995-96	0	0	0	0	0	18.2	0	0	9.1	9.1	36.4	0	0	0	11
1996-97	0	0	0	0	0	0	25.0	0	0	0	25.0	0	0	0	4
1997-98	0	0	0	0	0	0	9.5	0	19.0	19.0	52.4	0	0	0	21
1998-99	0	0	0	0	0	0	8.3	0	33.3	33.3	50.0	0	0	0	12
1999-2000	0	0	0	0	0	0	12.5	0	18.8	12.5	43.8	0	0	0	16
2000-01	0	7.1	0	0	0	7.1	14.3	0	14.3	0	50.0	0	0	0	14
2001-02	0	0	0	0	0	6.7	0	0	20.0	6.7	53.3	0	0	0	15
2002-03	0	0	0	0	0	0	13.3	0	46.7	6.7	33.3	0	0	0	15

^a Level of trip satisfaction, where 0 = not at all satisfied and 10 = completely satisfied.

APPENDIX F: Private-boat Fishing Estimates for the U. S. Exclusive Economic Zone (EEZ) off Texas

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Table F.1. Number of days surveyed, number of private-boat anglers interviewed in the EEZ by area and year (1982-2003).

Item Year	Area					Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
Number of days surveyed						
1982-83	0	133	242	248	114	737
1983-84	0	26	107	93	63	289
1984-85	0	27	111	103	66	307
1985-86	0	23	105	123	51	302
1986-87	0	25	108	116	60	309
1987-88	16	23	118	116	47	320
1988-89	17	24	119	84	40	284
1989-90	17	30	88	86	19	240
1990-91	13	26	80	72	18	209
1991-92	22	27	94	66	33	242
1992-93	33	24	101	55	43	256
1993-94	26	34	109	62	43	274
1994-95	26	34	127	64	51	302
1995-96	39	47	126	54	53	319
1996-97	33	44	116	56	44	293
1997-98	33	40	118	62	43	296
1998-99	33	48	112	51	49	293
1999-2000	24	46	113	55	37	275
2000-01	24	49	114	59	46	292
2001-02	28	43	96	53	54	274
2002-03	23	41	91	62	52	269
Number of interviews ^a						
1982-83						
1983-84		35	114	97	27	273
1984-85		29	131	228	51	439
1985-86		106	156	204	19	485
1986-87		99	90	110	17	316
1987-88	49	52	96	78	6	281
1988-89	17	17	88	55	9	186
1989-90	13	60	25	81	7	186
1990-91	15	104	51	135	8	313
1991-92	12	103	41	94	11	261
1992-93	38	44	85	109	22	298
1993-94	46	68	64	85	7	270
1994-95	63	78	76	95	19	331
1995-96	130	162	101	84	21	498
1996-97	140	112	102	98	23	475
1997-98	130	143	83	167	11	534
1998-99	102	150	121	156	20	549
1999-2000	57	169	93	155	16	490
2000-01	56	143	88	130	19	436

Table F.1. (Cont'd.)

Item Year	Area						Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Number of interviews ^a (Cont'd.)							
2001-02	54	149	80	93	9		385
2002-03	34	146	120	71	29		400
Number of anglers interviewed							
1982-83		180	537	623	103		1448
1983-84		106	358	308	71		843
1984-85		88	427	746	167		1428
1985-86		345	508	682	71		1606
1986-87		324	299	317	53		993
1987-88	158	151	330	234	13		886
1988-89	53	44	290	160	28		575
1989-90	42	169	79	250	24		564
1990-91	49	322	161	385	24		941
1991-92	30	325	131	284	34		804
1992-93	106	127	280	326	66		905
1993-94	138	217	208	247	17		827
1994-95	199	242	261	269	64		1035
1995-96	395	504	328	250	83		1560
1996-97	459	328	336	296	94		1513
1997-98	423	451	258	479	35		1646
1998-99	344	425	419	457	55		1700
1999-2000	167	528	306	440	57		1498
2000-01	170	430	309	399	64		1372
2001-02	170	460	282	288	40		1240
2002-03	105	445	378	220	92		1240

^a Not available for 1982-83.

Table F.2. Estimated annual fishing pressure (man-h x 1,000) ± 1 SE, mean fishing-party size (no. of anglers), and mean trip length (h) for private-boat anglers in the EEZ by area and year (1982-2003). Blanks indicate no interviews conducted.

Item Year	Area					Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
Pressure ^a						
1982-83		41.5 ± 14.9	49.9 ± 18.9	48.5 ± 10.9	15.6 ± 7.3	157.0 ± 27.5
1983-84		60.0 ± 17.6	40.9 ± 9.1	137.4 ± 70.0	137.4 ± 70.0	252.0 ± 72.8
1984-85		153.0 ± 39.2	32.9 ± 5.1	120.9 ± 26.6	120.9 ± 26.6	334.2 ± 48.3
1985-86		173.8 ± 55.1	40.3 ± 7.5	72.1 ± 12.0	72.1 ± 12.0	304.6 ± 57.3
1986-87		108.4 ± 41.7	35.2 ± 5.9	41.1 ± 12.4	41.1 ± 12.4	204.9 ± 44.5
1987-88	24.8 ± 6.7	93.9 ± 39.4	41.6 ± 9.3	52.6 ± 18.6	3.3 ± 1.9	216.1 ± 45.1
1988-89	8.8 ± 3.8	60.8 ± 18.6	34.5 ± 6.1	33.3 ± 7.7	11.6 ± 4.3	149.1 ± 21.8
1989-90	12.8 ± 8.5	77.0 ± 19.7	12.8 ± 3.5	42.5 ± 11.5	5.9 ± 3.3	151.0 ± 24.8
1990-91	11.4 ± 3.9	232.5 ± 78.4	23.3 ± 5.1	53.8 ± 12.4	4.8 ± 1.9	325.8 ± 79.6
1991-92	5.4 ± 2.5	148.4 ± 59.4	16.4 ± 4.5	40.9 ± 14.4	13.7 ± 6.7	224.8 ± 61.7
1992-93	15.3 ± 6.7	94.5 ± 26.9	38.5 ± 7.7	29.5 ± 6.9	19.3 ± 6.0	197.0 ± 30.2
1993-94	18.1 ± 5.9	45.2 ± 37.2	30.7 ± 7.1	34.8 ± 10.4	3.6 ± 1.8	132.3 ± 39.7
1994-95	27.0 ± 6.3	147.4 ± 33.6	35.3 ± 6.6	38.4 ± 9.0	15.8 ± 4.9	263.9 ± 36.3
1995-96	32.5 ± 9.5	119.7 ± 32.1	60.7 ± 12.8	30.0 ± 7.9	14.7 ± 5.5	257.6 ± 37.1
1996-97	65.4 ± 15.5	157.3 ± 48.5	66.3 ± 12.9	44.0 ± 13.0	19.9 ± 8.5	352.8 ± 54.8
1997-98	46.3 ± 14.6	159.9 ± 36.6	50.0 ± 9.3	72.5 ± 20.1	14.5 ± 10.3	343.2 ± 46.4
1998-99	32.9 ± 10.0	180.9 ± 43.0	65.2 ± 12.8	49.7 ± 17.1	11.8 ± 6.1	340.5 ± 49.4
1999-2000	39.0 ± 20.7	203.8 ± 47.4	41.6 ± 8.0	43.6 ± 10.9	15.8 ± 5.7	343.7 ± 53.7
2000-01	19.5 ± 6.3	149.9 ± 45.5	50.2 ± 10.3	41.3 ± 13.1	12.7 ± 4.6	273.6 ± 49.0
2001-02	20.2 ± 6.3	100.2 ± 28.0	43.4 ± 9.2	55.4 ± 27.0	9.4 ± 5.9	228.7 ± 40.9
2002-03	14.3 ± 5.1	110.6 ± 29.1	59.6 ± 11.6	32.4 ± 10.9	19.4 ± 6.1	236.4 ± 34.1
Party size						
1982-83		3.0	3.1	3.2	3.3	3.2
1983-84		3.0	3.1	3.2	3.2	3.1
1984-85		3.0	3.3	3.3	3.3	3.3
1985-86		3.3	3.3	3.3	3.3	3.3
1986-87		3.3	3.3	2.9	2.9	3.1
1987-88	3.2	2.9	3.4	3.0	2.2	3.2
1988-89	3.1	2.6	3.3	2.9	3.1	3.1
1989-90	3.2	2.8	3.2	3.1	3.4	3.0
1990-91	3.3	3.1	3.2	2.9	3.0	3.0
1991-92	2.5	3.2	3.2	3.0	3.1	3.1
1992-93	2.8	2.9	3.3	3.0	3.0	3.0
1993-94	3.0	3.2	3.3	2.9	2.4	3.1
1994-95	3.2	3.1	3.4	2.8	3.4	3.1
1995-96	3.0	3.1	3.2	3.0	4.0	3.1
1996-97	3.3	2.9	3.3	3.0	4.1	3.1
1997-98	3.3	3.2	3.1	2.9	3.2	3.2
1998-99	3.4	2.8	3.5	2.9	2.8	3.1
1999-2000	2.9	3.1	3.3	2.8	3.6	3.1
2000-01	3.0	3.0	3.5	3.1	3.4	3.1

Table F.2. (Cont'd.)

Item Year	Area					
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	Coastwide
Party size (Cont'd.)						
2001-02	3.1	3.1	3.5	3.1	4.4	3.2
2002-03	3.1	3.0	3.2	3.1	3.2	3.1
Trip length						
1982-83		7.9	8.1	7.1	8.0	7.6
1983-84		8.1	7.2	7.4	7.4	7.4
1984-85		6.7	7.6	6.8	7.5	7.1
1985-86		8.0	7.3	7.5	7.7	7.5
1986-87		7.3	7.9	7.5	7.2	7.5
1987-88	7.9	7.5	7.8	7.4	8.0	7.7
1988-89	8.1	8.1	7.8	7.6	7.7	7.8
1989-90	8.8	7.4	7.3	7.2	6.8	7.3
1990-91	8.5	7.8	8.0	7.8	6.6	7.8
1991-92	7.3	8.4	7.4	8.2	7.3	8.1
1992-93	6.4	7.7	7.3	7.1	7.5	7.2
1993-94	7.2	8.7	7.9	7.8	7.4	7.9
1994-95	7.8	7.5	7.9	7.4	8.0	7.6
1995-96	7.9	8.4	7.6	7.3	6.8	7.9
1996-97	7.9	8.1	8.1	8.0	7.8	8.0
1997-98	8.1	8.1	7.9	7.5	6.6	7.8
1998-99	8.1	7.5	7.7	7.5	8.2	7.7
1999-2000	7.6	8.1	7.5	7.5	8.3	7.8
2000-01	8.2	7.9	8.0	7.8	8.1	7.9
2001-02	8.4	7.9	7.7	7.7	7.3	7.9
2002-03	8.4	7.9	8.0	7.8	7.9	7.9

* Due to rounding of numbers, coastwide totals may not exactly equal sum of area totals.

Table F.3. Estimated annual landings of fishes (no. x 1,000) ± 1 SE caught by private-boat anglers in the EEZ by area, species, and year (1982-2003). Blanks indicate no interviews conducted.

Species Year	Area					Coastwide ^a
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
Atlantic croaker						
1982-83		0.1 ± 0.1	<.1 ± <.1	0.1 ± 0.1	0.3 ± 0.3	0.5 ± 0.3
1983-84		0.2 ± 0.2	<.1 ± <.1	0.0	0.0	0.3 ± 0.2
1984-85		0.0	0.2 ± 0.1	0.1 ± 0.1	0.0	0.3 ± 0.2
1985-86		0.0	<.1 ± <.1	0.0	0.0	<.1 ± <.1
1986-87		0.1 ± 0.1	0.0	0.0	0.1 ± 0.1	0.2 ± 0.2
1987-88	<.1 ± <.1	1.5 ± 1.5	<.1 ± <.1	0.0	0.0	1.5 ± 1.5
1988-89	0.1 ± 0.1	0.0	<.1 ± <.1	0.0	0.0	0.2 ± 0.1
1989-90	0.0	0.1 ± 0.1	0.0	0.1 ± 0.1	0.0	0.2 ± 0.2
1990-91	0.0	0.0	0.0	0.0	0.0	0.0
1991-92	0.0	0.0	0.0	0.0	0.0	0.0
1992-93	0.0	0.1 ± 0.1	0.0	0.0	0.0	0.1 ± 0.1
1993-94	0.0	0.0	0.0	0.0	0.0	0.0
1994-95	0.0	0.3 ± 0.3	<.1 ± <.1	0.0	0.0	0.3 ± 0.3
1995-96	0.0	0.0	0.0	0.0	0.0	0.0
1996-97	0.0	0.0	0.0	0.0	0.0	0.0
1997-98	0.2 ± 0.2	<.1 ± <.1	0.0	0.0	0.0	0.2 ± 0.2
1998-99	0.2 ± 0.2	0.2 ± 0.1	0.0	0.0	0.0	0.3 ± 0.2
1999-2000	0.0	<.1 ± <.1	<.1 ± <.1	0.1 ± 0.1	0.0	0.1 ± 0.1
2000-01	0.0	0.1 ± 0.1	0.0	<.1 ± <.1	0.1 ± 0.1	0.2 ± 0.1
2001-02	0.0	0.3 ± 0.3	0.0	<.1 ± <.1	0.0	0.3 ± 0.3
2002-03	0.0	0.2 ± 0.2	0.0	0.0	0.0	0.2 ± 0.2
Atlantic sharpnose shark						
1982-83 ^b						
1983-84		0.5 ± 0.3	<.1 ± <.1	0.2 ± 0.1	0.0	0.7 ± 0.3
1984-85		1.4 ± 0.7	<.1 ± <.1	0.1 ± 0.1	2.4 ± 2.4	3.8 ± 2.5
1985-86		0.2 ± 0.2	0.3 ± 0.1	1.1 ± 0.6	0.0	1.6 ± 0.6
1986-87		0.7 ± 0.3	0.1 ± 0.1	0.2 ± 0.1	0.2 ± 0.2	1.2 ± 0.4
1987-88		0.9 ± 0.6	0.3 ± 0.2	0.3 ± 0.2	0.0	1.2 ± 0.4
1988-89	0.2 ± 0.2	0.0	0.4 ± 0.2	0.6 ± 0.4	0.0	1.8 ± 0.7
1989-90	0.2 ± 0.2	0.0	0.1 ± 0.1	0.2 ± 0.1	0.0	1.2 ± 0.5
1990-91	0.0	0.1 ± 0.1	0.2 ± 0.1	<.1 ± <.1	<.1 ± <.1	0.4 ± 0.2
1991-92	<.1 ± <.1	<.1 ± <.1	0.3 ± 0.2	0.3 ± 0.3	0.0	0.4 ± 0.2
1992-93	<.1 ± <.1	1.4 ± 0.9	0.7 ± 0.3	0.1 ± 0.1	0.1 ± 0.1	0.7 ± 0.4
1993-94	<.1 ± <.1	0.0	<.1 ± <.1	<.1 ± <.1	0.0	2.4 ± 0.9
1994-95	0.2 ± 0.1	0.3 ± 0.3	0.1 ± 0.1	<.1 ± <.1	0.6 ± 0.6	0.1 ± <.1
1995-96	0.1 ± 0.1	0.3 ± 0.2	0.1 ± 0.1	<.1 ± <.1	0.0	1.1 ± 0.6
1996-97	0.2 ± 0.1	0.9 ± 0.5	0.2 ± 0.1	0.4 ± 0.3	0.0	0.9 ± 0.4
1997-98	0.6 ± 0.3	1.2 ± 0.7	0.1 ± 0.1	1.0 ± 0.9	<.1 ± <.1	1.4 ± 0.5
1998-99	0.5 ± 0.3	1.6 ± 0.8	0.2 ± 0.1	0.9 ± 0.5	0.0	2.9 ± 1.2
1999-2000	0.9 ± 0.8	1.0 ± 0.4	0.1 ± <.1	0.3 ± 0.2	0.0	3.1 ± 1.0
2000-01	0.2 ± 0.1	0.4 ± 0.2	0.1 ± 0.1	0.1 ± 0.1	0.1 ± <.1	2.2 ± 0.9

Table F.3. (Cont'd.)

Species Year	Area						Coastwide ^a
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Atlantic sharpnose shark (Cont'd.)							
2001-02	0.1 ± <.1	0.2 ± 0.1	0.1 ± 0.1	0.2 ± 0.1	<.1 ± <.1	<.1 ± <.1	0.6 ± 0.2
2002-03	<.1 ± <.1	0.5 ± 0.2	<.1 ± <.1	<.1 ± <.1	<.1 ± <.1	<.1 ± <.1	0.6 ± 0.2
Atlantic spadefish							
1982-83 ^b							
1983-84		2.3 ± 2.2	0.0	0.0	0.0	0.0	2.3 ± 2.2
1984-85		0.9 ± 0.9	0.1 ± 0.1	0.1 ± 0.1	0.0	0.0	1.1 ± 0.9
1985-86		0.8 ± 0.5	0.8 ± 0.7	0.0	0.0	0.0	1.5 ± 0.9
1986-87		0.5 ± 0.4	0.2 ± 0.2	0.4 ± 0.3	0.0	0.0	1.1 ± 0.5
1987-88	0.6 ± 0.3	0.5 ± 0.4	<.1 ± <.1	0.1 ± 0.1	0.0	0.0	1.2 ± 0.5
1988-89	0.2 ± 0.2	0.2 ± 0.2	0.4 ± 0.2	<.1 ± <.1	0.0	0.0	0.8 ± 0.3
1989-90	0.3 ± 0.2	0.3 ± 0.2	0.1 ± 0.1	0.1 ± 0.1	0.0	0.0	0.9 ± 0.4
1990-91	<.1 ± <.1	0.4 ± 0.4	0.6 ± 0.5	<.1 ± <.1	0.0	0.0	1.0 ± 0.6
1991-92	<.1 ± <.1	5.9 ± 5.0	<.1 ± <.1	<.1 ± <.1	0.0	0.0	5.9 ± 5.0
1992-93	0.2 ± 0.2	0.0	0.1 ± 0.1	<.1 ± <.1	0.1 ± 0.1	0.0	0.4 ± 0.3
1993-94 ^a	0.1 ± 0.1	2.9 ± 2.9	0.9 ± 0.8	0.1 ± 0.1	0.1 ± 0.1	0.1 ± 0.1	4.1 ± 3.1
1994-95	0.5 ± 0.3	2.8 ± 1.9	0.1 ± 0.1	0.7 ± 0.7	0.0	0.0	4.1 ± 2.1
1995-96	0.2 ± 0.1	1.1 ± 0.7	0.6 ± 0.3	0.1 ± 0.1	0.0	0.0	2.0 ± 0.8
1996-97	0.4 ± 0.2	0.7 ± 0.4	0.2 ± 0.1	0.3 ± 0.3	0.0	0.0	1.7 ± 0.5
1997-98	<.1 ± <.1	1.1 ± 0.7	0.0	0.2 ± 0.2	0.0	0.0	1.3 ± 0.7
1998-99	1.3 ± 1.0	0.7 ± 0.4	0.0	0.1 ± 0.1	0.0	0.0	2.1 ± 1.1
1999-2000	1.2 ± 0.7	0.9 ± 0.6	0.8 ± 0.4	<.1 ± <.1	0.0	0.0	2.9 ± 1.0
2000-01	0.3 ± 0.2	2.0 ± 1.3	0.4 ± 0.3	0.2 ± 0.1	0.1 ± 0.1	0.1 ± 0.1	3.0 ± 1.4
2001-02	<.1 ± <.1	1.7 ± 1.2	<.1 ± <.1	0.1 ± 0.1	0.0	0.0	1.9 ± 1.2
2002-03	0.1 ± 0.1	0.8 ± 0.4	0.1 ± 0.1	<.1 ± <.1	0.0	0.0	0.9 ± 0.4
Black drum							
1982-83 ^b							
1983-84		0.1 ± 0.1	0.3 ± 0.2	0.0	0.0	0.0	0.3 ± 0.2
1984-85		0.0	0.8 ± 0.5	0.0	0.0	0.0	0.8 ± 0.5
1985-86		1.2 ± 1.2	0.2 ± 0.1	<.1 ± <.1	<.1 ± <.1	<.1 ± <.1	1.5 ± 1.2
1986-87		0.0	0.3 ± 0.3	0.0	0.0	0.0	0.3 ± 0.3
1987-88	0.1 ± 0.1	0.2 ± 0.2	<.1 ± <.1	0.0	<.1 ± <.1	<.1 ± <.1	0.4 ± 0.2
1988-89	<.1 ± <.1	0.2 ± 0.2	<.1 ± <.1	0.0	0.0	0.0	0.3 ± 0.2
1989-90	<.1 ± <.1	0.0	0.4 ± 0.4	0.0	0.0	0.0	0.5 ± 0.4
1990-91	<.1 ± <.1	0.0	0.1 ± <.1	0.0	0.0	0.0	0.1 ± 0.1
1991-92	0.1 ± 0.1	<.1 ± <.1	<.1 ± <.1	0.0	0.0	0.0	0.1 ± 0.1
1992-93	<.1 ± <.1	0.0	0.1 ± 0.1	0.0	0.0	0.0	0.2 ± 0.1
1993-94	0.1 ± 0.1	0.1 ± 0.1	0.2 ± 0.1	<.1 ± <.1	0.0	0.0	0.4 ± 0.2
1994-95	0.0	0.1 ± 0.1	0.1 ± 0.1	0.0	0.0	0.0	0.1 ± 0.1
1995-96	0.2 ± 0.2	<.1 ± <.1	0.0	0.0	0.0	0.0	0.2 ± 0.2
1996-97	0.1 ± <.1	0.2 ± 0.2	0.1 ± 0.1	<.1 ± <.1	0.0	0.0	0.4 ± 0.2
1997-98	0.1 ± 0.1	0.1 ± 0.1	<.1 ± <.1	<.1 ± <.1	0.0	0.0	0.3 ± 0.1

Table F.3. (Cont'd.)

Species Year	Area						Coastwide ^a
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Black drum (Cont'd.)							
1998-99	<.1 ± <.1	0.9 ± 0.6	0.2 ± 0.1	0.0	0.0	1.2 ± 0.6	
1999-2000	0.1 ± 0.1	0.3 ± 0.2	<.1 ± <.1	0.0	0.0	0.4 ± 0.3	
2000-01	0.1 ± <.1	0.1 ± 0.1	0.0	0.0	0.0	0.1 ± 0.1	
2001-02	0.1 ± 0.1	<.1 ± <.1	0.1 ± 0.1	0.0	0.0	0.2 ± 0.1	
2002-03	<.1 ± <.1	0.1 ± 0.1	0.2 ± 0.1	<.1 ± <.1	0.0	0.4 ± 0.2	
Blacktip shark							
1982-83 ^b							
1983-84		0.0	<.1 ± <.1	<.1 ± <.1	0.1 ± 0.1	0.1 ± 0.1	
1984-85		0.3 ± 0.3	<.1 ± <.1	0.1 ± 0.1	0.0	0.4 ± 0.3	
1985-86		0.1 ± 0.1	<.1 ± <.1	0.1 ± 0.1	0.0	0.2 ± 0.1	
1986-87		0.1 ± 0.1	0.2 ± 0.1	<.1 ± <.1	0.0	0.3 ± 0.1	
1987-88	0.5 ± 0.3	0.0	0.1 ± 0.1	<.1 ± <.1	0.0	0.7 ± 0.3	
1988-89	0.0	0.0	0.1 ± 0.1	0.1 ± 0.1	0.0	0.2 ± 0.1	
1989-90	0.0	0.2 ± 0.2	0.0	0.1 ± 0.1	0.0	0.3 ± 0.2	
1990-91	0.0	0.9 ± 0.9	0.0	<.1 ± <.1	0.0	0.9 ± 0.9	
1991-92	0.0	0.8 ± 0.7	<.1 ± <.1	0.2 ± 0.1	0.0	1.0 ± 0.7	
1992-93	0.0	0.5 ± 0.3	0.0	0.0	<.1 ± <.1	0.6 ± 0.3	
1993-94	0.1 ± <.1	0.0	<.1 ± <.1	<.1 ± <.1	<.1 ± <.1	0.1 ± 0.1	
1994-95	<.1 ± <.1	0.0	<.1 ± <.1	0.0	0.0	0.1 ± 0.1	
1995-96	0.1 ± <.1	0.0	<.1 ± <.1	0.0	0.0	0.1 ± 0.1	
1996-97	0.2 ± 0.1	0.0	0.0	0.0	0.0	0.3 ± 0.1	
1997-98	0.1 ± 0.1	0.2 ± 0.1	0.0	0.1 ± 0.1	0.0	0.6 ± 0.2	
1998-99	0.2 ± 0.1	0.4 ± 0.2	0.1 ± <.1	<.1 ± 0.1	0.1 ± 0.1	0.8 ± 0.3	
1999-2000	0.2 ± 0.2	0.6 ± 0.4	<.1 ± <.1	<.1 ± <.1	0.0	0.9 ± 0.4	
2000-01	<.1 ± <.1	0.6 ± 0.4	0.0	<.1 ± <.1	0.0	0.7 ± 0.4	
2001-02	<.1 ± <.1	<.1 ± <.1	0.0	0.00	0.0	0.1 ± 0.1	
2002-03	0.0	0.1 ± 0.1	0.1 ± <.1	<.1 ± <.1	0.0	0.2 ± 0.1	
Cobia							
1982-83		<.1 ± <.1	2.8 ± 2.6	0.1 ± <.1	<.1 ± <.1	3.0 ± 2.6	
1983-84		0.6 ± 0.3	<.1 ± <.1	0.3 ± 0.3	0.1 ± 0.1	1.0 ± 0.4	
1984-85		0.3 ± 0.3	0.1 ± <.1	<.1 ± <.1	<.1 ± <.1	0.5 ± 0.3	
1985-86		0.4 ± 0.3	0.1 ± <.1	0.1 ± 0.1	<.1 ± <.1	0.7 ± 0.3	
1986-87		<.1 ± <.1	0.1 ± <.1	0.1 ± 0.1	0.0	0.2 ± 0.1	
1987-88	0.4 ± 0.3	0.1 ± 0.1	0.1 ± <.1	0.1 ± <.1	0.0	0.6 ± 0.3	
1988-89	<.1 ± <.1	0.1 ± 0.1	0.1 ± 0.1	<.1 ± <.1	0.1 ± 0.1	0.4 ± 0.2	
1989-90	0.1 ± 0.1	<.1 ± <.1	0.1 ± <.1	0.1 ± <.1	0.0	0.3 ± 0.1	
1990-91	<.1 ± <.1	0.2 ± 0.2	0.1 ± <.1	<.1 ± <.1	0.0	0.3 ± 0.2	
1991-92	<.1 ± <.1	0.8 ± 0.7	0.1 ± 0.1	<.1 ± <.1	<.1 ± <.1	0.9 ± 0.7	
1992-93	0.1 ± <.1	0.8 ± 0.8	0.1 ± 0.1	0.1 ± <.1	0.0	1.0 ± 0.8	
1993-94	0.1 ± <.1	0.1 ± 0.1	0.1 ± <.1	0.0	0.0	0.2 ± 0.1	
1994-95	0.1 ± <.1	0.3 ± 0.2	0.1 ± 0.1	0.3 ± 0.3	0.0	0.8 ± 0.4	

Table F.3. (Cont'd.)

Species Year	Area						Coastwide ^a
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Cobia (Cont'd.)							
1995-96	0.1 ± <.1	0.2 ± 0.1	0.2 ± 0.1	0.1 ± 0.1	0.0	0.7 ± 0.2	
1996-97	0.5 ± 0.2	1.0 ± 0.5	0.1 ± <.1	0.2 ± 0.1	0.1 ± <.1	1.8 ± 0.5	
1997-98	0.4 ± 0.1	0.6 ± 0.2	0.2 ± 0.1	0.5 ± 0.3	0.0	1.8 ± 0.4	
1998-99	0.2 ± 0.1	1.3 ± 0.7	0.2 ± 0.1	0.1 ± <.1	<.1 ± <.1	1.8 ± 0.7	
1999-2000	0.2 ± 0.2	0.7 ± 0.3	0.1 ± 0.1	0.1 ± <.1	<.1 ± <.1	1.1 ± 0.4	
2000-01	<.1 ± <.1	0.1 ± <.1	0.3 ± 0.1	0.1 ± 0.1	0.1 ± <.1	0.6 ± 0.2	
2001-02	0.2 ± 0.1	0.3 ± 0.1	0.3 ± 0.1	0.2 ± 0.1	0.0	0.9 ± 0.3	
2002-03	<.1 ± <.1	0.2 ± 0.1	0.3 ± 0.2	0.1 ± 0.1	0.0	0.7 ± 0.2	
Dolphin							
1982-83 ^b							
1983-84		6.8 ± 6.5	0.6 ± 0.4	1.2 ± 0.8	0.1 ± 0.1	8.7 ± 6.5	
1984-85		0.5 ± 0.4	1.1 ± 0.7	1.7 ± 0.9	0.2 ± 0.1	3.5 ± 1.2	
1985-86		4.5 ± 3.0	2.6 ± 1.3	1.3 ± 0.6	0.0	8.4 ± 3.3	
1986-87		1.2 ± 0.6	0.4 ± 0.3	1.2 ± 0.8	0.1 ± 0.1	2.9 ± 1.0	
1987-88	0.1 ± 0.1	1.0 ± 0.6	4.0 ± 2.2	0.8 ± 0.3	<.1 ± <.1	5.9 ± 2.3	
1988-89	0.0	0.0	0.3 ± 0.2	0.1 ± 0.1	0.0	0.4 ± 0.3	
1989-90	0.0	13.6 ± 9.5	0.1 ± 0.1	1.1 ± 0.5	0.3 ± 0.3	15.1 ± 9.6	
1990-91	0.0	12.5 ± 7.9	2.3 ± 1.7	1.0 ± 0.5	0.1 ± 0.1	16.0 ± 8.0	
1991-92	<.1 ± <.1	5.9 ± 4.0	0.6 ± 0.5	2.4 ± 1.5	1.3 ± 1.1	10.3 ± 4.4	
1992-93	0.0	0.2 ± 0.2	0.1 ± 0.1	1.0 ± 0.7	0.1 ± 0.1	1.4 ± 0.7	
1993-94	<.1 ± <.1	6.2 ± 6.2	0.8 ± 0.6	1.0 ± 0.5	<.1 ± <.1	8.1 ± 6.2	
1994-95	0.2 ± 0.2	0.7 ± 0.4	0.3 ± 0.2	0.6 ± 0.3	0.2 ± 0.1	1.9 ± 0.6	
1995-96	<.1 ± <.1	0.3 ± 0.1	4.4 ± 3.8	1.2 ± 0.8	2.8 ± 2.8	8.7 ± 4.8	
1996-97	<.1 ± <.1	8.4 ± 4.3	0.2 ± 0.1	0.4 ± 0.2	0.1 ± 0.1	9.1 ± 4.3	
1997-98	0.1 ± <.1	1.3 ± 1.0	1.7 ± 1.3	1.2 ± 0.7	0.0	4.2 ± 1.7	
1998-99	<.1 ± <.1	0.3 ± 0.2	0.1 ± 0.1	0.2 ± 0.1	<.1 ± <.1	0.6 ± 0.3	
1999-2000	0.1 ± <.1	3.1 ± 1.3	1.1 ± 0.7	0.3 ± 0.1	0.1 ± 0.1	4.7 ± 1.5	
2000-01	0.00	1.8 ± 1.7	0.5 ± 0.2	0.8 ± 0.3	0.2 ± 0.2	3.3 ± 1.8	
2001-02	0.00	0.3 ± 0.1	0.8 ± 0.5	0.8 ± 0.3	0.4 ± 0.4	2.3 ± 0.7	
2002-03	0.1 ± 0.1	0.5 ± 0.4	0.9 ± 0.6	0.2 ± 0.2	0.2 ± 0.1	1.9 ± 0.7	
Gray triggerfish							
1982-83 ^b							
1983-84		0.0	0.1 ± 0.1	0.6 ± 0.6	0.0	0.8 ± 0.6	
1984-85		0.0	0.1 ± 0.1	0.0	0.1 ± 0.1	0.2 ± 0.1	
1985-86		0.4 ± 0.4	0.1 ± <.1	0.1 ± <.1	0.8 ± 0.8	1.3 ± 0.9	
1986-87		0.0	0.3 ± 0.2	0.1 ± 0.1	0.0	0.4 ± 0.2	
1987-88	0.2 ± 0.1	1.1 ± 0.6	0.3 ± 0.2	0.0	0.2 ± 0.2	1.7 ± 0.7	
1988-89	0.4 ± 0.3	0.5 ± 0.3	0.3 ± 0.1	0.2 ± 0.2	0.3 ± 0.2	1.6 ± 0.5	
1989-90	0.2 ± 0.2	0.2 ± 0.1	0.1 ± 0.1	<.1 ± <.1	<.1 ± <.1	0.6 ± 0.2	
1990-91	0.0	0.9 ± 0.7	0.5 ± 0.3	<.1 ± <.1	0.0	1.4 ± 0.7	
1991-92	0.2 ± 0.1	0.3 ± 0.2	0.5 ± 0.3	0.3 ± 0.2	0.0	1.2 ± 0.4	

Table F.3. (Cont'd.)

Species Year	Area					Coastwide ^a
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
Gray triggerfish (Cont'd.)						
1992-93	0.1 ± 0.1	1.0 ± 0.9	1.6 ± 0.7	<.1 ± <.1	<.1 ± <.1	2.7 ± 1.2
1993-94	0.2 ± 0.1	0.1 ± 0.1	0.4 ± 0.2	0.1 ± <.1	0.0	0.8 ± 0.3
1994-95	0.2 ± 0.1	0.5 ± 0.5	0.8 ± 0.3	1.0 ± 0.8	1.3 ± 0.8	3.8 ± 1.3
1995-96	0.3 ± 0.2	1.1 ± 0.8	2.1 ± 0.9	0.2 ± 0.1	4.4 ± 4.2	8.1 ± 4.3
1996-97	0.2 ± 0.1	0.7 ± 0.4	1.5 ± 0.7	1.9 ± 1.4	0.3 ± 0.2	4.5 ± 1.6
1997-98	0.2 ± 0.1	0.5 ± 0.2	0.4 ± 0.2	0.3 ± 0.2	0.5 ± 0.4	2.0 ± 0.5
1998-99	0.2 ± 0.2	0.7 ± 0.4	0.7 ± 0.4	2.8 ± 2.8	0.1 ± 0.1	4.6 ± 2.8
1999-2000	1.3 ± 1.2	0.7 ± 0.3	0.4 ± 0.2	0.0	0.1 ± 0.1	2.5 ± 1.3
2000-01	0.3 ± 0.1	0.7 ± 0.4	0.9 ± 0.5	0.1 ± 0.1	0.2 ± 0.1	2.2 ± 0.7
2001-02	0.2 ± 0.1	0.3 ± 0.2	0.8 ± 0.4	0.2 ± 0.1	<.1 ± <.1	1.6 ± 0.5
2002-03	<.1 ± <.1	0.5 ± 0.3	0.6 ± 0.2	0.1 ± 0.1	0.0	1.1 ± 0.4
Greater amberjack						
1982-83 ^b						
1983-84		0.1 ± 0.1	0.2 ± 0.1	0.0	0.0	0.4 ± 0.2
1984-85		0.0	0.1 ± 0.1	0.8 ± 0.7	0.0	1.0 ± 0.7
1985-86		0.1 ± 0.1	0.2 ± 0.1	1.0 ± 0.8	0.0	1.3 ± 0.8
1986-87		0.0	1.0 ± 0.6	0.1 ± 0.1	0.0	1.1 ± 0.6
1987-88	<.1 ± <.1	0.0	0.1 ± 0.1	0.0	0.0	0.2 ± 0.1
1988-89	0.0	0.0	0.2 ± 0.1	0.0	0.1 ± 0.1	0.4 ± 0.2
1989-90	0.0	<.1 ± <.1	0.1 ± 0.1	<.1 ± <.1	0.0	0.2 ± 0.1
1990-91	0.0	<.1 ± <.1	0.2 ± 0.1	0.0	0.0	0.2 ± 0.1
1991-92	<.1 ± <.1	0.1 ± 0.1	0.2 ± 0.2	0.1 ± 0.1	0.0	0.4 ± 0.2
1992-93	0.1 ± 0.1	<.1 ± <.1	0.1 ± 0.1	0.0	0.0	0.2 ± 0.1
1993-94	0.0	0.0	0.1 ± <.1	0.0	0.0	0.1 ± <.1
1994-95	0.0	0.0	0.2 ± 0.1	0.1 ± <.1	<.1 ± <.1	0.3 ± 0.1
1995-96	<.1 ± <.1	0.2 ± 0.2	0.4 ± 0.2	0.1 ± 0.1	0.0	0.7 ± 0.3
1996-97	0.1 ± 0.1	0.1 ± 0.1	0.5 ± 0.3	0.3 ± 0.2	0.1 ± 0.1	1.2 ± 0.4
1997-98	<.1 ± <.1	0.3 ± 0.2	0.4 ± 0.2	<.1 ± <.1	0.0	0.8 ± 0.3
1998-99	0.0	0.3 ± 0.2	0.1 ± 0.1	<.1 ± <.1	0.0	0.4 ± 0.2
1999-2000	0.4 ± 0.4	0.2 ± 0.2	<.1 ± <.1	<.1 ± <.1	0.0	0.6 ± 0.4
2000-01	0.0	<.1 ± <.1	0.1 ± <.1	0.1 ± 0.1	<.1 ± <.1	0.2 ± 0.1
2001-02	0.0	0.2 ± 0.2	0.1 ± 0.1	<.1 ± <.1	0.0	0.4 ± 0.2
2002-03	<.1 ± <.1	0.4 ± 0.3	0.5 ± 0.2	<.1 ± <.1	<.1 ± <.1	1.1 ± 0.4
King mackerel						
1982-83		1.8 ± 0.9	2.7 ± 0.6	2.0 ± 0.6	0.6 ± 0.3	7.2 ± 1.3
1983-84		2.1 ± 1.1	1.5 ± 0.5	12.6 ± 7.9	0.2 ± 0.1	16.5 ± 8.0
1984-85		6.3 ± 3.3	2.1 ± 0.6	10.9 ± 2.9	1.0 ± 0.4	20.3 ± 4.4
1985-86		11.4 ± 4.7	3.3 ± 1.0	4.3 ± 1.1	0.2 ± 0.1	19.1 ± 5.0
1986-87		8.2 ± 4.0	1.0 ± 0.3	1.0 ± 0.5	0.2 ± 0.2	10.4 ± 4.1
1987-88	0.4 ± 0.3	1.6 ± 1.1	1.8 ± 0.5	3.1 ± 1.4	0.0	6.8 ± 1.9
1988-89	0.0	2.1 ± 1.7	1.0 ± 0.3	0.9 ± 0.3	0.5 ± 0.3	4.5 ± 1.8

Table F.3. (Cont'd.)

Species Year	Area						Coastwide ^a
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
King mackerel (Cont'd.)							
1989-90	0.0	2.1 ± 1.4	0.3 ± 0.2	1.8 ± 0.6	0.3 ± 0.2	4.4 ± 1.6	
1990-91	0.0	3.8 ± 2.5	0.9 ± 0.3	3.0 ± 1.4	0.2 ± 0.1	7.9 ± 2.9	
1991-92	0.1 ± 0.1	5.8 ± 3.3	0.8 ± 0.3	2.9 ± 1.2	0.2 ± 0.2	9.8 ± 3.5	
1992-93	0.1 ± 0.1	3.4 ± 1.8	2.1 ± 0.9	1.9 ± 0.5	1.0 ± 0.4	8.5 ± 2.1	
1993-94	0.2 ± 0.1	2.0 ± 2.0	0.9 ± 0.4	2.5 ± 1.2	0.1 ± 0.1	5.7 ± 2.4	
1994-95	0.2 ± 0.2	4.9 ± 1.7	0.6 ± 0.2	2.2 ± 1.0	0.5 ± 0.3	8.4 ± 2.0	
1995-96	0.5 ± 0.3	9.2 ± 3.8	2.9 ± 0.8	2.3 ± 0.9	0.1 ± 0.1	15.1 ± 4.0	
1996-97	2.1 ± 1.3	9.8 ± 4.2	2.5 ± 0.7	3.1 ± 1.3	0.6 ± 0.3	18.0 ± 4.7	
1997-98	1.3 ± 0.7	9.0 ± 2.9	1.2 ± 0.4	6.6 ± 2.9	0.1 ± <.1	18.1 ± 4.2	
1998-99	0.2 ± 0.1	5.0 ± 1.7	2.3 ± 0.7	2.3 ± 0.7	0.3 ± 0.2	10.1 ± 2.0	
1999-2000	1.0 ± 0.4	11.0 ± 5.0	1.5 ± 0.5	1.7 ± 0.5	0.9 ± 0.6	16.2 ± 5.1	
2000-01	0.4 ± 0.2	7.0 ± 2.5	1.5 ± 0.5	0.8 ± 0.4	0.1 ± <.1	9.8 ± 2.6	
2001-02	0.3 ± 0.2	3.6 ± 1.5	1.1 ± 0.3	2.7 ± 2.2	<.1 ± <.1	7.7 ± 2.7	
2002-03	0.3 ± 0.2	4.8 ± 1.6	1.6 ± 0.5	0.6 ± 0.3	0.4 ± 0.3	7.8 ± 1.8	
Lane snapper							
1982-83 ^b							
1983-84		0.1 ± 0.1	<.1 ± <.1	0.1 ± 0.1	0.0	0.2 ± 0.2	
1984-85		0.3 ± 0.3	0.1 ± <.1	<.1 ± <.1	0.0	0.4 ± 0.3	
1985-86		0.0	<.1 ± <.1	0.0	0.0	<.1 ± <.1	
1986-87		0.1 ± 0.1	<.1 ± <.1	<.1 ± <.1	0.0	0.1 ± 0.1	
1987-88	0.0	0.1 ± 0.1	<.1 ± <.1	<.1 ± <.1	0.0	0.2 ± 0.1	
1988-89	0.0	0.4 ± 0.4	<.1 ± <.1	0.0	0.0	0.4 ± 0.4	
1989-90	0.2 ± 0.2	0.0	<.1 ± <.1	0.0	0.0	0.3 ± 0.2	
1990-91	0.0	0.9 ± 0.9	0.2 ± 0.2	0.0	0.0	1.1 ± 0.9	
1991-92	0.0	<.1 ± <.1	0.1 ± 0.1	<.1 ± <.1	0.0	0.2 ± 0.1	
1992-93	0.3 ± 0.3	0.0	<.1 ± <.1	<.1 ± <.1	0.0	0.4 ± 0.3	
1993-94	0.0	0.4 ± 0.4	0.1 ± 0.1	<.1 ± <.1	0.0	0.5 ± 0.4	
1994-95	0.0	<.1 ± <.1	0.1 ± <.1	<.1 ± <.1	0.0	0.1 ± 0.1	
1995-96	<.1 ± <.1	0.2 ± 0.1	0.3 ± 0.3	0.1 ± 0.1	0.0	0.6 ± 0.3	
1996-97	0.0	0.3 ± 0.2	0.1 ± 0.1	<.1 ± <.1	0.0	0.5 ± 0.2	
1997-98	0.0	0.7 ± 0.6	0.1 ± 0.1	0.0	0.0	0.8 ± 0.6	
1998-99	0.0	0.3 ± 0.2	0.8 ± 0.4	0.5 ± 0.4	0.1 ± 0.1	1.8 ± 0.6	
1999-2000	0.0	<.1 ± <.1	0.2 ± 0.1	0.1 ± 0.1	<.1 ± <.1	0.3 ± 0.1	
2000-01	0.0	0.2 ± 0.2	0.3 ± 0.1	0.3 ± 0.3	0.1 ± 0.1	0.9 ± 0.4	
2001-02	<.1 ± <.1	0.4 ± 0.2	0.2 ± 0.1	0.4 ± 0.2	<.1 ± <.1	1.0 ± 0.3	
2002-03	<.1 ± <.1	1.2 ± 0.7	0.5 ± 0.2	0.1 ± 0.1	0.1 ± <.1	2.0 ± 0.7	
Little tunny							
1982-83 ^b							
1983-84		0.2 ± 0.2	<.1 ± <.1	0.9 ± 0.7	0.0	1.1 ± 0.7	
1984-85		0.2 ± 0.2	0.2 ± 0.1	0.5 ± 0.2	0.5 ± 0.4	1.4 ± 0.5	
1985-86		0.8 ± 0.5	0.4 ± 0.2	0.3 ± 0.2	1.5 ± 1.2	2.9 ± 1.4	

Table F.3. (Cont'd.)

Species Year	Area						Coastwide ^a
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Little tunny (Cont'd.)							
1986-87							
1987-88	0.1 ± 0.1	1.0 ± 0.8	<.1 ± <.1	<.1 ± <.1	0.0	1.0 ± 0.8	
1988-89	<.1 ± <.1	0.3 ± 0.2	0.2 ± 0.1	0.1 ± <.1	0.0	0.6 ± 0.3	
1989-90	0.0	0.6 ± 0.6	<.1 ± <.1	0.2 ± 0.1	0.0	0.8 ± 0.6	
1990-91	0.0	0.0	0.0	0.0	<.1 ± <.1	0.0	
1991-92	0.1 ± 0.1	0.2 ± 0.2	0.0	<.1 ± <.1	0.9 ± 0.9	0.3 ± 0.2	
1992-93	<.1 ± <.1	0.1 ± 0.1	<.1 ± <.1	0.1 ± 0.1	0.3 ± 0.2	1.1 ± 0.9	
1993-94	0.0	0.2 ± 0.1	0.0	0.1 ± 0.1	0.0	0.6 ± 0.3	
1994-95	0.0	0.0	0.0	<.1 ± <.1	0.0	<.1 ± <.1	
1995-96	<.1 ± <.1	0.3 ± 0.2	0.0	0.3 ± 0.2	0.0	0.3 ± 0.2	
1996-97	<.1 ± <.1	0.1 ± 0.1	0.0	<.1 ± <.1	0.0	0.3 ± 0.2	
1997-98	0.1 ± 0.1	0.1 ± 0.1	<.1 ± <.1	0.1 ± 0.1	0.5 ± 0.5	0.8 ± 0.5	
1998-99	<.1 ± <.1	0.2 ± 0.1	0.0	<.1 ± <.1	0.0	0.2 ± 0.1	
1999-2000	0.00	0.2 ± 0.1	0.0	0.1 ± 0.1	<.1 ± <.1	0.4 ± 0.1	
2000-01	0.1 ± 0.1	0.2 ± 0.3	<.1 ± <.1	<.1 ± <.1	0.0	0.3 ± 0.1	
2001-02	0.00	0.6 ± 0.3	<.1 ± <.1	<.1 ± <.1	0.0	0.8 ± 0.3	
2002-03	0.00	0.1 ± 0.1	0.1 ± 0.1	0.0	0.2 ± 0.2	0.4 ± 0.2	
		0.3 ± 0.2	0.1 ± 0.1	0.0	0.1 ± <.1	0.4 ± 0.2	
Red drum							
1982-83		0.0	<.1 ± <.1	0.0	0.0	<.1 ± <.1	
1983-84		0.0	0.3 ± 0.2	0.0	0.0	0.3 ± 0.2	
1984-85		0.0	0.1 ± 0.1	0.0	0.0	0.1 ± 0.1	
1985-86		3.7 ± 3.7	0.1 ± <.1	0.0	0.0	3.7 ± 3.7	
1986-87		0.2 ± 0.2	0.2 ± 0.1	0.0	0.0	0.4 ± 0.2	
1987-88	<.1 ± <.1	1.0 ± 0.7	0.1 ± 0.1	0.0	0.0	1.1 ± 0.7	
1988-89	0.1 ± <.1	0.0	0.1 ± <.1	0.0	0.1 ± 0.1	1.1 ± 0.7	
1989-90	<.1 ± <.1	0.0	0.0	0.0	0.0	0.3 ± 0.1	
1990-91	0.0	0.0	0.0	0.0	0.0	<.1 ± <.1	
1991-92	<.1 ± <.1	0.0	0.1 ± 0.1	0.0	0.0	0.1 ± 0.1	
1992-93	0.2 ± 0.1	0.0	0.0	0.1 ± 0.1	0.0	0.1 ± 0.1	
1993-94	0.2 ± 0.1	0.0	<.1 ± <.1	0.0	0.0	0.2 ± 0.1	
1994-95	<.1 ± <.1	0.6 ± 0.6	0.2 ± 0.2	0.0	0.0	0.4 ± 0.2	
1995-96	0.2 ± 0.1	0.2 ± 0.1	0.1 ± <.1	0.0	0.0	0.7 ± 0.6	
1996-97	0.6 ± 0.5	0.2 ± 0.1	0.1 ± 0.1	0.0	0.0	0.6 ± 0.2	
1997-98	0.1 ± 0.1	0.2 ± 0.1	0.4 ± 0.2	<.1 ± <.1	0.0	1.1 ± 0.6	
1998-99	0.1 ± 0.1	0.5 ± 0.3	0.3 ± 0.2	<.1 ± <.1	0.0	1.1 ± 0.4	
1999-2000	0.1 ± 0.1	1.6 ± 0.8	0.9 ± 0.4	<.1 ± <.1	0.0	2.6 ± 0.9	
2000-01	0.1 ± 0.1	0.2 ± 0.1	0.1 ± <.1	0.2 ± 0.1	0.0	0.6 ± 0.2	
2001-02	0.1 ± <.1	0.2 ± 0.2	<.1 ± <.1	<.1 ± <.1	0.0	0.3 ± 0.2	
2002-03	0.4 ± 0.3	0.8 ± 0.5	0.4 ± 0.3	<.1 ± <.1	0.0	1.3 ± 0.5	
		0.1 ± 0.1	0.3 ± 0.1	<.1 ± <.1	0.0	0.7 ± 0.4	

Table F.3. (Cont'd.)

Species Year	Area					Coastwide*
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
Red snapper						
1982-83		6.2 ± 2.9	17.1 ± 12.8	1.9 ± 0.9	5.7 ± 2.1	30.9 ± 13.3
1983-84		14.1 ± 8.4	15.3 ± 4.9	9.5 ± 6.2	15.8 ± 5.3	54.7 ± 12.7
1984-85		4.1 ± 3.9	4.9 ± 1.6	14.5 ± 7.3	5.7 ± 2.3	29.2 ± 8.7
1985-86		175.1 ± 149.8	4.0 ± 1.2	0.9 ± 0.5	5.2 ± 3.8	185.2 ± 149.9
1986-87		5.6 ± 4.2	9.7 ± 4.0	2.7 ± 1.4	12.3 ± 11.4	30.3 ± 12.9
1987-88	4.1 ± 1.7	25.1 ± 14.7	6.3 ± 2.7	2.9 ± 2.3	1.3 ± 1.0	39.7 ± 15.2
1988-89	2.6 ± 1.4	23.2 ± 18.5	6.3 ± 1.5	2.4 ± 1.7	2.3 ± 1.6	36.9 ± 18.7
1989-90	4.5 ± 3.6	3.2 ± 2.3	5.1 ± 2.4	2.0 ± 1.9	1.3 ± 1.2	16.2 ± 5.4
1990-91	1.5 ± 0.3	8.3 ± 5.3	2.3 ± 1.0	0.4 ± 0.3	4.7 ± 2.7	17.2 ± 6.0
1991-92	3.0 ± 1.4	20.6 ± 9.1	2.4 ± 1.1	0.9 ± 0.4	5.6 ± 3.7	32.5 ± 10.0
1992-93	3.4 ± 1.7	4.3 ± 2.7	11.8 ± 3.0	1.8 ± 0.9	7.0 ± 2.4	28.3 ± 5.1
1993-94	7.5 ± 3.8	6.6 ± 4.2	11.9 ± 3.1	2.7 ± 2.0	2.1 ± 1.1	30.8 ± 6.9
1994-95	10.6 ± 3.3	30.3 ± 11.0	10.9 ± 2.4	1.9 ± 1.3	6.1 ± 2.7	59.8 ± 12.1
1995-96	8.6 ± 2.6	28.7 ± 7.6	16.9 ± 4.5	2.4 ± 1.0	6.6 ± 3.4	63.3 ± 9.9
1996-97	20.2 ± 6.3	28.1 ± 10.3	17.0 ± 3.8	2.5 ± 1.1	10.7 ± 5.2	78.6 ± 13.8
1997-98	12.7 ± 3.6	23.5 ± 6.4	14.5 ± 3.2	1.6 ± 0.6	7.3 ± 6.1	59.6 ± 10.1
1998-99	7.4 ± 2.1	31.0 ± 8.2	11.3 ± 2.7	2.7 ± 1.0	2.8 ± 1.4	55.2 ± 9.0
1999-2000	8.1 ± 6.1	4.7 ± 2.0	3.5 ± 1.4	0.4 ± 0.2	1.9 ± 1.1	18.7 ± 6.7
2000-01	3.5 ± 1.4	8.7 ± 3.1	8.7 ± 2.0	4.5 ± 2.6	3.8 ± 1.3	29.3 ± 4.9
2001-02	4.9 ± 1.8	7.2 ± 2.6	9.2 ± 2.4	4.3 ± 2.7	1.8 ± 1.2	27.3 ± 5.0
2002-03	1.3 ± 0.6	10.9 ± 3.4	10.9 ± 3.0	1.1 ± 0.5	6.5 ± 2.1	30.8 ± 5.0
Sand seatrout						
1982-83		16.4 ± 16.4	115.1 ± 111.8	0.3 ± 0.2	0.3 ± 0.3	132.1 ± 113.0
1983-84		0.7 ± 0.5	19.9 ± 12.2	0.0	0.1 ± 0.1	20.7 ± 12.2
1984-85		5.5 ± 4.7	5.4 ± 2.3	<.1 ± <.1	0.0	10.9 ± 5.2
1985-86		3.1 ± 2.2	3.1 ± 2.0	0.0	0.0	6.2 ± 3.0
1986-87		3.9 ± 2.7	1.6 ± 0.8	0.0	0.0	5.4 ± 2.9
1987-88		2.7 ± 1.7	0.2 ± 0.1	0.0	0.0	4.5 ± 1.9
1988-89	1.7 ± 0.8	0.1 ± 0.1	0.3 ± 0.3	0.0	0.0	0.5 ± 0.3
1989-90	<.1 ± <.1	1.8 ± 1.2	0.8 ± 0.8	1.4 ± 1.4	0.0	4.0 ± 2.0
1990-91	0.0	0.9 ± 0.9	0.6 ± 0.5	<.1 ± <.1	0.0	1.9 ± 1.0
1991-92	5.7 ± 5.7	<.1 ± <.1	0.3 ± 0.3	<.1 ± <.1	0.0	6.0 ± 5.7
1992-93	3.5 ± 2.6	0.0	5.4 ± 4.9	0.5 ± 0.5	0.0	9.4 ± 5.6
1993-94	0.8 ± 0.7	<.1 ± <.1	1.2 ± 0.8	0.0	0.0	2.0 ± 1.1
1994-95	1.7 ± 0.9	4.7 ± 4.3	2.1 ± 1.5	0.2 ± 0.2	0.0	2.0 ± 1.1
1995-96	0.1 ± <.1	0.3 ± 0.3	0.3 ± 0.2	0.0	0.0	0.6 ± 0.4
1996-97	0.1 ± 0.1	0.1 ± 0.1	0.2 ± 0.1	<.1 ± <.1	0.0	0.3 ± 0.2
1997-98	0.1 ± <.1	0.0	0.0	0.0	0.0	0.1 ± <.1
1998-99	0.3 ± 0.2	0.2 ± 0.1	0.1 ± 0.1	0.0	0.0	0.5 ± 0.2
1999-2000	1.0 ± 1.0	1.4 ± 1.2	0.8 ± 0.7	0.0	0.3 ± 0.3	3.5 ± 1.8
2000-01	0.6 ± 0.4	1.5 ± 1.3	0.2 ± 0.2	0.0	0.0	2.4 ± 1.4

Table F.3. (Cont'd.)

Species Year	Area						Coastwide ^a
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Sand seatrout (Cont'd.)							
2001-02	2.0 ± 1.9	0.5 ± 0.5	0.1 ± 0.1	0.0	0.0	2.7 ± 2.0	
2002-03	0.0	0.1 ± 0.1	1.1 ± 1.0	<.1 ± <.1	0.0	1.2 ± 1.0	
Spanish mackerel							
1982-83		0.4 ± 0.2	0.1 ± 0.1	<.1 ± <.1	<.1 ± <.1	0.5 ± 0.3	
1983-84		0.8 ± 0.5	0.1 ± <.1	0.7 ± 0.5	0.1 ± <.1	1.7 ± 0.7	
1984-85		4.4 ± 3.1	0.1 ± 0.1	0.1 ± 0.1	0.1 ± 0.1	4.8 ± 3.1	
1985-86		2.3 ± 1.4	0.2 ± 0.2	0.1 ± <.1	0.1 ± 0.1	2.7 ± 1.4	
1986-87		2.2 ± 1.5	<.1 ± <.1	<.1 ± <.1	0.0	2.2 ± 1.5	
1987-88	0.2 ± 0.1	3.5 ± 1.8	0.2 ± 0.1	0.1 ± 0.1	0.0	3.9 ± 1.8	
1988-89	<.1 ± <.1	0.0	0.2 ± 0.1	0.2 ± 0.2	0.0	0.4 ± 0.2	
1989-90	<.1 ± <.1	0.2 ± 0.2	<.1 ± <.1	0.2 ± 0.2	0.0	0.5 ± 0.2	
1990-91	0.4 ± 0.1	0.8 ± 0.5	<.1 ± <.1	0.1 ± 0.1	<.1 ± <.1	1.4 ± 0.5	
1991-92	0.4 ± 0.3	5.9 ± 4.7	0.1 ± 0.1	0.2 ± 0.1	0.1 ± 0.1	6.7 ± 4.7	
1992-93	0.0	0.1 ± 0.1	0.3 ± 0.1	0.1 ± <.1	<.1 ± <.1	0.5 ± 0.2	
1993-94	0.1 ± 0.1	0.1 ± 0.1	0.1 ± 0.1	0.1 ± <.1	0.0	0.4 ± 0.1	
1994-95	0.8 ± 0.7	1.1 ± 0.5	0.1 ± 0.1	0.1 ± <.1	0.0	2.1 ± 0.9	
1995-96	0.3 ± 0.1	2.3 ± 1.0	0.3 ± 0.1	0.1 ± 0.1	0.0	2.9 ± 1.0	
1996-97	2.2 ± 1.4	0.8 ± 0.5	0.4 ± 0.2	0.6 ± 0.3	0.0	4.0 ± 1.6	
1997-98	0.8 ± 0.4	0.5 ± 0.2	0.1 ± 0.1	<.1 ± <.1	0.0	1.5 ± 0.5	
1998-99	0.3 ± 0.1	1.9 ± 0.8	0.1 ± <.1	<.1 ± <.1	0.0	2.2 ± 0.8	
1999-2000	0.8 ± 0.6	2.7 ± 1.8	0.1 ± 0.1	0.1 ± 0.1	0.0	3.8 ± 1.9	
2000-01	0.2 ± 0.1	2.4 ± 1.4	<.1 ± <.1	<.1 ± <.1	0.0	2.6 ± 1.4	
2001-02	0.3 ± 0.3	0.3 ± 0.2	0.0	0.1 ± 0.1	0.0	0.7 ± 0.3	
2002-03	0.2 ± 0.1	0.4 ± 0.2	0.4 ± 0.2	0.0	0.0	1.1 ± 0.3	
Spotted seatrout							
1982-83		<.1 ± <.1	<.1 ± <.1	<.1 ± <.1	0.0	0.1 ± <.1	
1983-84		0.0	<.1 ± <.1	0.0	0.0	<.1 ± <.1	
1984-85		0.0	<.1 ± <.1	0.0	0.0	<.1 ± <.1	
1985-86		0.2 ± 0.2	<.1 ± <.1	<.1 ± <.1	0.0	0.2 ± 0.2	
1986-87		1.1 ± 1.1	0.1 ± 0.1	0.0	0.0	1.2 ± 1.1	
1987-88		0.0	0.1 ± 0.1	0.0	0.0	0.2 ± 0.1	
1988-89	0.1 ± 0.1	0.4 ± 0.4	0.2 ± 0.1	0.0	0.2 ± 0.2	1.4 ± 0.7	
1989-90	0.6 ± 0.6	0.0	0.0	0.0	0.0	0.0	
1990-91	0.0	0.0	0.0	0.0	0.0	0.0	
1991-92	0.0	0.8 ± 0.8	0.0	0.0	0.0	0.8 ± 0.8	
1992-93	<.1 ± <.1	0.0	0.1 ± 0.1	0.0	0.0	0.1 ± 0.1	
1993-94	<.1 ± <.1	0.0	<.1 ± <.1	0.0	0.0	<.1 ± <.1	
1994-95	0.1 ± 0.1	1.8 ± 1.8	0.5 ± 0.2	0.0	0.0	2.3 ± 1.8	
1995-96	0.8 ± 0.5	0.1 ± 0.1	0.0	0.0	0.0	0.9 ± 0.5	
1996-97	1.8 ± 1.1	0.0	0.1 ± 0.1	0.0	0.0	1.8 ± 1.1	
1997-98	0.2 ± 0.2	0.0	0.0	<.1 ± <.1	0.0	0.2 ± 0.2	

Table F.3. (Cont'd.)

Species Year	Area						Coastwide ^a
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Spotted seatrout (Cont'd.)							
1998-99	<.1 ± <.1	0.2 ± 0.2	<.1 ± <.1	0.0	0.0	<.1 ± <.1	0.2 ± 0.2
1999-2000	<.1 ± <.1	0.5 ± 0.4	0.2 ± 0.2	0.0	0.0	0.0	0.7 ± 0.4
2000-01	1.0 ± 0.6	0.3 ± 0.3	0.0	0.0	0.0	0.0	1.2 ± 0.7
2001-02	0.1 ± 0.1	0.0	0.3 ± 0.3	<.1 ± <.1	0.0	0.0	0.4 ± 0.3
2002-03	0.0	<.1 ± <.1	0.1 ± <.1	0.0	0.0	0.0	0.1 ± 0.1
Vermilion snapper							
1982-83 ^b							
1983-84		0.0	0.0	<.1 ± <.1	0.0	0.0	<.1 ± <.1
1984-85		0.0	0.0	0.1 ± 0.1	0.0	0.0	0.1 ± 0.1
1985-86		0.0	0.0	0.0	0.0	0.0	0.0
1986-87		0.0	0.0	0.0	0.0	0.0	0.0
1987-88	0.0	0.0	<.1 ± <.1	0.3 ± 0.3	0.0	0.0	0.3 ± 0.3
1988-89	0.0	0.0	0.5 ± 0.3	<.1 ± <.1	0.0	0.0	0.5 ± 0.3
1989-90	0.2 ± 0.2	0.0	0.1 ± 0.1	0.0	0.0	0.0	0.4 ± 0.3
1990-91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1991-92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1992-93	0.0	0.0	<.1 ± <.1	<.1 ± <.1	0.1 ± 0.1	0.1 ± 0.1	0.1 ± 0.1
1993-94	0.0	1.3 ± 1.3	<.1 ± <.1	<.1 ± <.1	0.0	0.0	1.3 ± 1.3
1994-95	0.0	0.0	0.9 ± 0.8	<.1 ± <.1	0.0	0.0	0.9 ± 0.8
1995-96	0.0	0.4 ± 0.3	0.5 ± 0.5	0.1 ± <.1	0.0	0.0	1.0 ± 0.6
1996-97	0.0	0.2 ± 0.2	1.8 ± 1.7	<.1 ± <.1	0.0	0.0	2.0 ± 1.7
1997-98	0.0	0.1 ± 0.1	0.1 ± <.1	<.1 ± <.1	0.0	0.0	0.2 ± 0.1
1998-99	0.0	0.1 ± 0.1	0.5 ± 0.2	0.6 ± 0.3	<.1 ± <.1	0.0	1.1 ± 0.4
1999-2000	0.0	0.0	0.2 ± 0.1	<.1 ± <.1	0.1 ± 0.1	0.1 ± 0.1	0.3 ± 0.1
2000-01	0.0	0.1 ± 0.1	0.2 ± 0.1	<.1 ± <.1	0.1 ± 0.1	0.1 ± 0.1	0.4 ± 0.2
2001-02	0.0	0.4 ± 0.3	<.1 ± <.1	0.4 ± 0.4	0.0	0.0	0.8 ± 0.5
2002-03	0.0	1.4 ± 1.0	0.5 ± 0.3	<.1 ± <.1	0.1 ± <.1	0.1 ± <.1	2.0 ± 1.1
Other species							
1982-83		2.3 ± 1.0	2.4 ± 0.8	1.6 ± 0.6	0.7 ± 0.3	0.7 ± 0.3	6.9 ± 1.5
1983-84		4.7 ± 1.9	3.0 ± 1.4	6.6 ± 3.6	0.3 ± 0.2	0.3 ± 0.2	14.7 ± 4.3
1984-85		15.2 ± 15.0	6.3 ± 4.8	0.9 ± 0.3	1.6 ± 0.9	1.6 ± 0.9	24.0 ± 15.7
1985-86		25.8 ± 18.0	4.1 ± 2.3	0.8 ± 0.3	0.8 ± 0.5	0.8 ± 0.5	31.6 ± 18.2
1986-87		2.9 ± 1.2	2.3 ± 0.6	0.4 ± 0.2	0.6 ± 0.3	0.6 ± 0.3	6.2 ± 1.4
1987-88	1.3 ± 0.7	6.6 ± 3.2	7.5 ± 5.2	0.4 ± 0.2	0.2 ± 0.2	0.2 ± 0.2	15.9 ± 6.1
1988-89	0.3 ± 0.2	2.5 ± 1.5	6.7 ± 4.8	0.3 ± 0.1	0.2 ± 0.1	0.2 ± 0.1	10.0 ± 5.0
1989-90	0.7 ± 0.6	2.1 ± 0.7	0.4 ± 0.2	1.1 ± 0.9	<.1 ± <.1	<.1 ± <.1	4.3 ± 1.3
1990-91	0.2 ± 0.2	1.5 ± 0.8	1.8 ± 1.0	0.7 ± 0.3	0.1 ± 0.1	0.1 ± 0.1	4.2 ± 1.3
1991-92	1.0 ± 0.6	3.4 ± 1.4	0.3 ± 0.1	0.3 ± 0.1	0.1 ± 0.1	0.1 ± 0.1	5.1 ± 1.6
1992-93	0.3 ± 0.2	1.3 ± 0.8	1.1 ± 0.3	0.2 ± 0.1	1.0 ± 0.6	1.0 ± 0.6	3.9 ± 1.1
1993-94	0.3 ± 0.2	1.9 ± 1.8	0.8 ± 0.3	0.3 ± 0.1	<.1 ± <.1	<.1 ± <.1	3.3 ± 1.9
1994-95	0.2 ± 0.1	5.2 ± 1.5	1.6 ± 0.5	0.8 ± 0.7	0.2 ± 0.1	0.2 ± 0.1	8.0 ± 1.8

Table F.3. (Cont'd.)

Species Year	Area						Coastwide ^a
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Other species (Cont'd.)							
1995-96	0.9 ± 0.4	1.2 ± 0.4	1.4 ± 0.5	0.5 ± 0.2	<.1 ± <.1	4.0 ± 0.8	
1996-97	0.8 ± 0.4	4.2 ± 1.7	1.1 ± 0.4	0.7 ± 0.3	0.2 ± 0.1	6.9 ± 1.8	
1997-98	0.3 ± 0.2	2.4 ± 1.0	1.2 ± 0.4	0.9 ± 0.4	0.3 ± 0.2	5.0 ± 1.1	
1998-99	0.2 ± 0.1	3.2 ± 1.6	1.9 ± 0.5	0.8 ± 0.4	0.3 ± 0.2	6.6 ± 1.8	
1999-2000	0.7 ± 0.5	5.7 ± 3.8	1.0 ± 0.3	1.4 ± 0.8	0.5 ± 0.3	9.4 ± 3.9	
2000-01	0.1 ± 0.1	6.2 ± 3.0	1.9 ± 0.9	1.1 ± 0.5	0.9 ± 0.4	10.2 ± 3.2	
2001-02	0.1 ± 0.1	2.7 ± 1.0	2.8 ± 1.3	0.9 ± 0.5	0.2 ± 0.1	6.7 ± 1.7	
2002-03	0.8 ± 0.5	4.7 ± 1.9	3.9 ± 1.5	0.2 ± 0.1	0.4 ± 0.2	10.0 ± 2.4	
All species combined^a							
1982-83		27.2 ± 18.3	140.3 ± 115.0	6.0 ± 1.6	7.6 ± 2.6	181.1 ± 116.5	
1983-84		33.2 ± 13.0	41.5 ± 16.2	33.0 ± 17.0	16.7 ± 5.5	124.4 ± 27.4	
1984-85		39.4 ± 20.7	21.8 ± 5.9	30.0 ± 9.8	11.6 ± 3.6	102.8 ± 23.9	
1985-86		230.0 ± 171.6	19.5 ± 4.4	10.0 ± 2.5	8.7 ± 5.5	268.3 ± 171.8	
1986-87		27.6 ± 8.9	17.6 ± 4.8	6.2 ± 2.7	13.5 ± 11.4	64.9 ± 15.5	
1987-88	9.9 ± 3.6	46.0 ± 21.2	21.4 ± 7.4	8.1 ± 2.9	1.8 ± 1.4	87.2 ± 22.9	
1988-89	4.5 ± 2.1	30.3 ± 19.4	17.1 ± 5.6	5.0 ± 1.9	3.9 ± 2.0	60.9 ± 20.5	
1989-90	6.4 ± 4.8	23.7 ± 10.2	7.8 ± 3.1	8.5 ± 3.4	2.0 ± 1.4	48.4 ± 12.3	
1990-91	2.6 ± 0.6	31.4 ± 13.6	9.8 ± 3.1	5.4 ± 1.7	5.2 ± 2.7	54.4 ± 14.3	
1991-92	10.7 ± 6.8	50.4 ± 20.0	5.6 ± 1.7	7.9 ± 2.5	8.4 ± 4.9	83.1 ± 21.9	
1992-93	8.4 ± 4.2	13.4 ± 5.6	23.6 ± 7.3	5.9 ± 1.8	9.7 ± 3.1	61.0 ± 10.7	
1993-94	9.6 ± 4.2	21.7 ± 17.2	17.8 ± 4.4	6.9 ± 3.4	2.4 ± 1.2	58.4 ± 18.6	
1994-95	14.8 ± 4.7	53.5 ± 14.5	18.6 ± 4.0	8.1 ± 2.9	8.8 ± 3.9	103.9 ± 16.5	
1995-96	12.5 ± 3.7	46.0 ± 11.9	30.6 ± 8.0	7.6 ± 2.2	14.0 ± 7.0	110.9 ± 16.5	
1996-97	29.5 ± 7.5	55.9 ± 18.3	26.3 ± 5.6	10.4 ± 3.0	12.5 ± 5.8	134.6 ± 21.5	
1997-98	17.3 ± 5.1	42.2 ± 10.4	20.5 ± 4.1	12.6 ± 4.1	8.3 ± 6.7	100.8 ± 14.6	
1998-99	11.1 ± 2.7	50.1 ± 11.4	19.3 ± 4.2	11.3 ± 5.1	4.0 ± 1.9	95.7 ± 13.5	
1999-2000	16.3 ± 11.4	34.1 ± 14.3	10.0 ± 2.6	5.0 ± 1.5	4.1 ± 1.7	69.5 ± 18.6	
2000-01	6.9 ± 2.2	33.1 ± 10.3	15.1 ± 3.2	8.4 ± 3.0	5.5 ± 1.8	69.1 ± 11.6	
2001-02	8.3 ± 2.8	19.4 ± 6.3	16.4 ± 4.2	10.4 ± 6.3	2.6 ± 1.7	57.1 ± 10.4	
2002-03	3.3 ± 1.5	27.4 ± 7.9	22.1 ± 5.2	2.7 ± 0.7	7.7 ± 2.3	63.3 ± 9.8	

^a Due to rounding of numbers, these totals may not exactly equal sum of individual totals.^b This species included in "other" species in this year.

Table F.4. Estimated annual catch rates of fishes (no./man-h) \pm 1 SE caught by private-boat anglers in the EEZ by area, species, and year (1982-2003). Blanks indicate no interviews conducted.

Species Year	Area						Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Atlantic croaker							
1982-83		<.01 \pm <.01	<.01 \pm <.01	<.01 \pm <.01	<.01 \pm <.01	0.02 \pm 0.02	<.01 \pm <.01
1983-84		<.01 \pm <.01	<.01 \pm <.01	<.01 \pm <.01	0.00	0.00	<.01 \pm <.01
1984-85		0.00	0.01 \pm <.01	0.01 \pm <.01	<.01 \pm <.01	0.00	<.01 \pm <.01
1985-86		0.00	<.01 \pm <.01	<.01 \pm <.01	0.00	0.00	<.01 \pm <.01
1986-87		<.01 \pm <.01	0.00	0.00	0.00	<.01 \pm <.01	<.01 \pm <.01
1987-88	<.01 \pm <.01	0.02 \pm 0.02	<.01 \pm <.01	0.00	0.00	0.00	0.01 \pm 0.01
1988-89	0.01 \pm 0.01	0.00	<.01 \pm <.01	0.00	0.00	0.00	<.01 \pm <.01
1989-90	0.00	<.01 \pm <.01	0.00	<.01 \pm <.01	0.00	0.00	<.01 \pm <.01
1990-91	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991-92	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1992-93	0.00	<.01 \pm <.01	0.00	0.00	0.00	0.00	<.01 \pm <.01
1993-94	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1994-95	0.00	<.01 \pm <.01	<.01 \pm <.01	0.00	0.00	0.00	0.00
1995-96	0.00	0.00	0.00	0.00	0.00	0.00	<.01 \pm <.01
1996-97	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1997-98	<.01 \pm <.01	<.01 \pm <.01	0.00	0.00	0.00	0.00	<.01 \pm <.01
1998-99	0.01 \pm 0.01	<.01 \pm <.01	0.00	0.00	0.00	0.00	<.01 \pm <.01
1999-2000	0.00	<.01 \pm <.01	<.01 \pm <.01	0.00	0.00	0.00	<.01 \pm <.01
2000-01	0.00	<.01 \pm <.01	0.00	<.01 \pm <.01	<.01 \pm <.01	<.01 \pm <.01	<.01 \pm <.01
2001-02	0.00	<.01 \pm <.01	0.00	<.01 \pm <.01	<.01 \pm <.01	0.00	<.01 \pm <.01
2002-03	0.00	<.01 \pm <.01	0.00	0.00	0.00	0.00	<.01 \pm <.01
Atlantic sharpnose shark							
1982-83 ^a							
1983-84		0.01 \pm <.01	<.01 \pm <.01	<.01 \pm <.01	<.01 \pm <.01	0.00	<.01 \pm <.01
1984-85		0.01 \pm 0.01	<.01 \pm <.01	<.01 \pm <.01	<.01 \pm <.01	0.09 \pm 0.09	0.01 \pm 0.01
1985-86		<.01 \pm <.01	0.01 \pm <.01	0.02 \pm 0.01	0.02 \pm 0.01	0.00	0.01 \pm <.01
1986-87		0.01 \pm <.01	<.01 \pm <.01	<.01 \pm <.01	<.01 \pm <.01	0.01 \pm 0.01	0.01 \pm <.01
1987-88		0.01 \pm 0.01	0.01 \pm 0.01	0.01 \pm <.01	0.01 \pm <.01	0.00	0.01 \pm <.01
1988-89	0.02 \pm 0.02	0.00	0.01 \pm 0.01	0.02 \pm 0.01	0.02 \pm 0.01	0.00	0.01 \pm <.01
1989-90	0.01 \pm 0.01	0.00	0.01 \pm 0.01	0.01 \pm 0.01	0.01 \pm 0.01	0.01 \pm 0.01	0.01 \pm <.01
1990-91	0.00	<.01 \pm <.01	0.01 \pm 0.01	<.01 \pm <.01	<.01 \pm <.01	0.00	<.01 \pm <.01
1991-92	<.01 \pm <.01	<.01 \pm <.01	0.02 \pm 0.01	0.01 \pm 0.01	0.01 \pm 0.01	<.01 \pm <.01	<.01 \pm <.01
1992-93	<.01 \pm <.01	0.02 \pm 0.01	0.02 \pm 0.01	<.01 \pm <.01	<.01 \pm <.01	0.01 \pm 0.01	0.01 \pm <.01
1993-94	<.01 \pm <.01	0.00	<.01 \pm <.01	<.01 \pm <.01	<.01 \pm <.01	0.00	<.01 \pm <.01
1994-95	0.01 \pm <.01	<.01 \pm <.01	<.01 \pm <.01	<.01 \pm <.01	<.01 \pm <.01	0.03 \pm 0.03	<.01 \pm <.01
1995-96	<.01 \pm <.01	<.01 \pm <.01	<.01 \pm <.01	0.01 \pm <.01	0.01 \pm <.01	0.00	<.01 \pm <.01
1996-97	<.01 \pm <.01	0.01 \pm <.01	<.01 \pm <.01	<.01 \pm <.01	<.01 \pm <.01	0.00	<.01 \pm <.01
1997-98	0.01 \pm 0.01	0.01 \pm <.01	<.01 \pm <.01	<.01 \pm <.01	<.01 \pm <.01	0.00	0.01 \pm <.01
1998-99	0.02 \pm 0.01	0.01 \pm <.01	<.01 \pm <.01	0.02 \pm 0.01	0.02 \pm 0.01	0.00	0.01 \pm <.01
1999-2000	0.02 \pm 0.02	<.01 \pm <.01	<.01 \pm <.01	0.01 \pm <.01	0.01 \pm <.01	0.00	0.01 \pm <.01
2000-01	0.01 \pm 0.01	<.01 \pm <.01	<.01 \pm <.01	<.01 \pm <.01	<.01 \pm <.01	0.00	<.01 \pm <.01

Table F.4. (Cont'd.)

Species Year	Area					
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	Coastwide
Atlantic sharpnose shark (Cont'd.)						
2001-02	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01
2002-03	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01
Atlantic spadefish						
1982-83 ^a			0.00	0.00	0.00	0.01 ± 0.01
1983-84		0.04 ± 0.04	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01
1984-85		0.01 ± 0.01	0.02 ± 0.02	0.01 ± 0.01	0.00	0.01 ± 0.01
1985-86		<.01 ± <.01	0.01 ± <.01	0.01 ± <.01	0.00	0.01 ± <.01
1986-87		<.01 ± <.01	0.01 ± <.01	0.01 ± <.01	0.00	0.01 ± <.01
1987-88	0.02 ± 0.01	<.01 ± <.01	0.01 ± 0.01	<.01 ± <.01	0.00	0.01 ± <.01
1988-89	0.02 ± 0.02	<.01 ± <.01	0.01 ± <.01	<.01 ± <.01	0.00	0.01 ± <.01
1989-90	0.02 ± 0.02	<.01 ± <.01	0.01 ± <.01	<.01 ± <.01	0.00	0.01 ± <.01
1990-91	<.01 ± <.01	<.01 ± <.01	0.02 ± 0.02	<.01 ± <.01	0.00	<.01 ± <.01
1991-92	<.01 ± <.01	0.04 ± 0.03	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01
1992-93	0.02 ± 0.02	0.00	<.01 ± <.01	<.01 ± <.01	0.00	0.03 ± 0.02
1993-94	<.01 ± <.01	0.06 ± 0.06	0.03 ± 0.03	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01
1994-95	0.02 ± 0.01	0.02 ± 0.01	<.01 ± <.01	0.02 ± 0.02	0.00	0.02 ± 0.01
1995-96	0.01 ± <.01	0.01 ± 0.01	0.01 ± 0.01	<.01 ± <.01	0.00	0.01 ± <.01
1996-97	0.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.01 ± 0.01	0.00	<.01 ± <.01
1997-98	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01	0.00	<.01 ± <.01
1998-99	0.04 ± 0.03	<.01 ± <.01	0.00	<.01 ± <.01	0.00	<.01 ± <.01
1999-2000	0.03 ± 0.02	<.01 ± <.01	0.02 ± 0.01	<.01 ± <.01	0.00	0.01 ± <.01
2000-01	0.02 ± 0.01	0.01 ± 0.01	0.01 ± 0.01	<.01 ± <.01	0.00	0.01 ± <.01
2001-02	<.01 ± <.01	0.02 ± 0.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.01 ± 0.01
2002-03	<.01 ± <.01	0.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.00	0.01 ± 0.01
Black drum						
1982-83 ^a						<.01 ± <.01
1983-84		<.01 ± <.01	0.01 ± <.01	0.00	0.00	<.01 ± <.01
1984-85		0.00	0.03 ± 0.01	0.00	0.00	<.01 ± <.01
1985-86		0.01 ± 0.01	0.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01
1986-87		0.00	0.01 ± 0.01	0.00	0.00	<.01 ± <.01
1987-88	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.00	0.01 ± 0.01	<.01 ± <.01
1988-89	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.00	0.00	<.01 ± <.01
1989-90	<.01 ± <.01	0.00	0.03 ± 0.03	0.00	0.00	<.01 ± <.01
1990-91	<.01 ± <.01	0.00	<.01 ± <.01	0.00	0.00	<.01 ± <.01
1991-92	0.02 ± 0.02	<.01 ± <.01	<.01 ± <.01	0.00	0.00	<.01 ± <.01
1992-93	<.01 ± <.01	0.00	<.01 ± <.01	0.00	0.00	<.01 ± <.01
1993-94	<.01 ± <.01	<.01 ± <.01	0.01 ± <.01	0.00	0.00	<.01 ± <.01
1994-95	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01
1995-96	0.01 ± 0.01	<.01 ± <.01	0.00	0.00	0.00	<.01 ± <.01
1996-97	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.00	0.00	<.01 ± <.01
1997-98	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01

Table F.4. (Cont'd.)

Species Year	Area						Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Black drum (Cont'd.)							
1998-99	<.01 ± <.01	0.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01	0.00	<.01 ± <.01
1999-2000	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01	0.00	<.01 ± <.01
2000-01	<.01 ± <.01	<.01 ± <.01	0.00	0.00	<.01 ± <.01	0.00	<.01 ± <.01
2001-02	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01	0.00	<.01 ± <.01
2002-03	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01
Blacktip shark							
1982-83 ^a							
1983-84		0.00	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01
1984-85		<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01
1985-86		<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01
1986-87		<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01
1987-88	0.02 ± 0.01	0.00	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01
1988-89	0.00	0.00	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01
1989-90	0.00	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01
1990-91	0.00	<.01 ± <.01	0.00	<.01 ± <.01	<.01 ± <.01	0.01 ± 0.01	<.01 ± <.01
1991-92	0.00	0.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01
1992-93	0.00	0.01 ± <.01	0.00	0.00	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01
1993-94	<.01 ± <.01	0.00	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01
1994-95	<.01 ± <.01	0.00	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.01 ± 0.01	<.01 ± <.01
1995-96	<.01 ± <.01	0.00	<.01 ± <.01	0.00	<.01 ± <.01	0.00	<.01 ± <.01
1996-97	<.01 ± <.01	0.00	<.01 ± <.01	0.00	<.01 ± <.01	0.00	<.01 ± <.01
1997-98	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01
1998-99	0.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01
1999-2000	0.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.01 ± 0.01	<.01 ± <.01
2000-01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01
2001-02	<.01 ± <.01	<.01 ± <.01	0.00	0.00	<.01 ± <.01	0.00	<.01 ± <.01
2002-03	0.00	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01
Cobia							
1982-83		<.01 ± <.01	0.06 ± 0.05	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.02 ± 0.02
1983-84		0.01 ± 0.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01
1984-85		<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01
1985-86		<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01
1986-87		<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01
1987-88	0.01 ± 0.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01
1988-89	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.01 ± 0.01	<.01 ± <.01
1989-90	0.01 ± 0.01	<.01 ± <.01	0.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01
1990-91	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01
1991-92	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01
1992-93	<.01 ± <.01	0.01 ± <.01	0.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01
1993-94	<.01 ± <.01	0.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.00	0.01 ± <.01
1994-95	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.01 ± 0.01	<.01 ± <.01	0.00	<.01 ± <.01

Table F.4. (Cont'd.)

Species Year	Area						Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Cobia (Cont'd.)							
1995-96	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01	<.01 ± <.01
1996-97	0.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01
1997-98	0.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.01 ± <.01	0.00	0.01 ± <.01	0.01 ± <.01
1998-99	0.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.01 ± <.01	0.01 ± <.01
1999-2000	0.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01
2000-01	<.01 ± <.01	<.01 ± <.01	0.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01
2001-02	0.01 ± 0.01	<.01 ± <.01	0.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01	<.01 ± <.01
2002-03	<.01 ± <.01	<.01 ± <.01	0.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01	<.01 ± <.01
Dolphin							
1982-83 *							
1983-84		0.11 ± 0.11	0.01 ± 0.01	0.01 ± 0.01	0.01 ± 0.01	0.01 ± 0.01	0.03 ± 0.03
1984-85		<.01 ± <.01	0.03 ± 0.02	0.01 ± 0.01	0.01 ± 0.01	0.01 ± <.01	0.01 ± <.01
1985-86		0.03 ± 0.02	0.07 ± 0.03	0.02 ± 0.01	0.00	0.03 ± 0.01	0.03 ± 0.01
1986-87		0.01 ± 0.01	0.01 ± 0.01	0.03 ± 0.02	<.01 ± <.01	<.01 ± <.01	0.01 ± 0.01
1987-88	<.01 ± <.01	0.01 ± 0.01	0.10 ± 0.06	0.02 ± 0.01	0.01 ± 0.01	0.03 ± 0.01	0.03 ± 0.01
1988-89	0.00	0.00	0.01 ± 0.01	<.01 ± <.01	0.00	<.01 ± <.01	<.01 ± <.01
1989-90	0.00	0.18 ± 0.13	0.01 ± 0.01	0.03 ± 0.01	0.05 ± 0.05	0.10 ± 0.06	0.10 ± 0.06
1990-91	0.00	0.05 ± 0.04	0.10 ± 0.07	0.02 ± 0.01	0.03 ± 0.03	0.05 ± 0.03	0.05 ± 0.03
1991-92	0.01 ± 0.01	0.04 ± 0.03	0.03 ± 0.03	0.06 ± 0.04	0.10 ± 0.09	0.05 ± 0.02	0.05 ± 0.02
1992-93	0.00	<.01 ± <.01	<.01 ± <.01	0.04 ± 0.02	0.01 ± <.01	0.01 ± <.01	0.01 ± <.01
1993-94	<.01 ± <.01	0.14 ± 0.14	0.03 ± 0.02	0.03 ± 0.02	0.01 ± 0.01	0.06 ± 0.05	0.06 ± 0.05
1994-95	0.01 ± 0.01	<.01 ± <.01	0.01 ± 0.01	0.01 ± 0.01	0.01 ± 0.01	0.01 ± 0.01	0.01 ± 0.01
1995-96	<.01 ± <.01	<.01 ± <.01	0.07 ± 0.06	0.04 ± 0.03	0.19 ± 0.19	0.03 ± 0.02	0.03 ± 0.02
1996-97	<.01 ± <.01	0.05 ± 0.03	<.01 ± <.01	0.01 ± 0.01	0.01 ± 0.01	0.03 ± 0.01	0.03 ± 0.01
1997-98	<.01 ± <.01	0.01 ± 0.01	0.03 ± 0.03	0.02 ± 0.01	0.00	0.01 ± 0.01	0.01 ± 0.01
1998-99	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01
1999-2000	<.01 ± <.01	0.02 ± 0.01	0.03 ± 0.02	0.01 ± <.01	0.01 ± <.01	0.01 ± <.01	0.01 ± <.01
2000-01	0.00	0.01 ± 0.01	0.01 ± <.01	0.02 ± 0.01	0.02 ± 0.02	0.01 ± <.01	0.01 ± <.01
2001-02	0.00	<.01 ± <.01	0.02 ± 0.01	0.01 ± 0.01	0.04 ± 0.04	0.01 ± <.01	0.01 ± <.01
2002-03	<.01 ± <.01	<.01 ± <.01	0.02 ± 0.01	0.01 ± 0.01	0.01 ± 0.01	0.01 ± <.01	0.01 ± <.01
Gray triggerfish							
1982-83 *							
1983-84		0.00	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01	<.01 ± <.01
1984-85		0.00	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01
1985-86		<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.05 ± 0.05	<.01 ± <.01	<.01 ± <.01
1986-87		0.00	0.01 ± 0.01	<.01 ± <.01	0.00	<.01 ± <.01	<.01 ± <.01
1987-88	0.01 ± <.01	0.01 ± 0.01	0.01 ± <.01	0.00	0.07 ± 0.07	0.01 ± <.01	0.01 ± <.01
1988-89	0.05 ± 0.04	0.01 ± <.01	0.01 ± <.01	<.01 ± <.01	0.02 ± 0.02	0.01 ± <.01	0.01 ± <.01
1989-90	0.01 ± 0.01	<.01 ± <.01	0.01 ± 0.01	<.01 ± <.01	0.01 ± 0.01	<.01 ± <.01	<.01 ± <.01
1990-91	0.00	<.01 ± <.01	0.02 ± 0.01	<.01 ± <.01	0.00	<.01 ± <.01	<.01 ± <.01
1991-92	0.03 ± 0.02	<.01 ± <.01	0.03 ± 0.02	0.01 ± 0.01	0.00	<.01 ± <.01	<.01 ± <.01

Table F.4. (Cont'd.)

Species Year	Area					Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
Gray triggerfish (Cont'd.)						
1992-93	0.01 ± 0.01	0.01 ± 0.01	0.04 ± 0.02	<.01 ± <.01	<.01 ± <.01	0.01 ± 0.01
1993-94	0.01 ± 0.01	<.01 ± <.01	0.01 ± 0.01	<.01 ± <.01	0.00	0.01 ± <.01
1994-95	0.01 ± <.01	<.01 ± <.01	0.02 ± 0.01	0.03 ± 0.02	0.08 ± 0.05	0.01 ± 0.01
1995-96	0.01 ± 0.01	0.01 ± 0.01	0.04 ± 0.02	0.01 ± <.01	0.30 ± 0.29	0.01 ± 0.02
1996-97	<.01 ± <.01	<.01 ± <.01	0.02 ± 0.01	0.04 ± 0.03	0.01 ± 0.01	0.03 ± <.01
1997-98	<.01 ± <.01	<.01 ± <.01	0.01 ± <.01	<.01 ± <.01	0.04 ± 0.03	0.01 ± <.01
1998-99	0.01 ± 0.01	<.01 ± <.01	0.01 ± 0.01	0.06 ± 0.06	0.01 ± 0.01	0.01 ± 0.01
1999-2000	0.03 ± 0.03	<.01 ± <.01	0.01 ± 0.01	0.00	<.01 ± <.01	0.01 ± <.01
2000-01	0.01 ± 0.01	<.01 ± <.01	0.02 ± 0.01	<.01 ± <.01	0.01 ± 0.01	0.01 ± <.01
2001-02	0.01 ± 0.01	<.01 ± <.01	0.02 ± 0.01	<.01 ± <.01	<.01 ± <.01	0.01 ± <.01
2002-03	<.01 ± <.01	<.01 ± <.01	0.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01
Greater amberjack						
1982-83 ^a					0.00	<.01 ± <.01
1983-84		<.01 ± <.01	0.01 ± <.01	0.00	0.00	<.01 ± <.01
1984-85		0.00	<.01 ± <.01	0.01 ± 0.01	0.00	<.01 ± <.01
1985-86		<.01 ± <.01	<.01 ± <.01	0.01 ± 0.01	0.00	<.01 ± <.01
1986-87		0.00	0.03 ± 0.02	<.01 ± <.01	0.00	0.01 ± <.01
1987-88	<.01 ± <.01	0.00	<.01 ± <.01	0.00	0.00	<.01 ± <.01
1988-89	0.00	0.00	0.01 ± <.01	0.00	0.01 ± 0.01	<.01 ± <.01
1989-90	0.00	<.01 ± <.01	0.01 ± 0.01	<.01 ± <.01	0.00	<.01 ± <.01
1990-91	0.00	<.01 ± <.01	0.01 ± 0.01	0.00	0.00	<.01 ± <.01
1991-92	0.01 ± 0.01	<.01 ± <.01	0.01 ± 0.01	<.01 ± <.01	0.00	<.01 ± <.01
1992-93	0.01 ± 0.01	<.01 ± <.01	0.01 ± 0.01	0.00	0.00	<.01 ± <.01
1993-94	0.00	<.01 ± <.01	<.01 ± <.01	0.00	0.00	<.01 ± <.01
1994-95	0.00	0.00	<.01 ± <.01	0.00	0.00	<.01 ± <.01
1995-96	<.01 ± <.01	<.01 ± <.01	0.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01
1996-97	<.01 ± <.01	<.01 ± <.01	0.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01
1997-98	<.01 ± <.01	<.01 ± <.01	0.01 ± <.01	<.01 ± <.01	0.01 ± 0.01	<.01 ± <.01
1998-99	0.00	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01
1999-2000	0.01 ± 0.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01
2000-01	0.00	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01
2001-02	0.00	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01
2002-03	<.01 ± <.01	<.01 ± <.01	0.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01
King mackerel						
1982-83		0.04 ± 0.03	0.05 ± 0.02	0.04 ± 0.02	0.04 ± 0.03	0.05 ± 0.01
1983-84		0.03 ± 0.02	0.04 ± 0.01	0.09 ± 0.07	0.09 ± 0.07	0.07 ± 0.04
1984-85		0.04 ± 0.02	0.06 ± 0.02	0.09 ± 0.03	0.09 ± 0.03	0.06 ± 0.02
1985-86		0.07 ± 0.03	0.08 ± 0.03	0.06 ± 0.02	0.06 ± 0.02	0.06 ± 0.02
1986-87		0.08 ± 0.04	0.03 ± 0.01	0.02 ± 0.01	0.02 ± 0.01	0.05 ± 0.02
1987-88	0.02 ± 0.01	0.02 ± 0.01	0.04 ± 0.02	0.06 ± 0.03	0.06 ± 0.03	0.03 ± 0.01
1988-89	0.00	0.04 ± 0.03	0.03 ± 0.01	0.03 ± 0.01	0.03 ± 0.01	0.03 ± 0.01

Table F.4. (Cont'd.)

Species Year	Area						Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
King mackerel (Cont'd.)							
1989-90	0.00	0.03 ± 0.02	0.02 ± 0.01	0.04 ± 0.02	0.05 ± 0.04	0.03 ± 0.01	0.03 ± 0.01
1990-91	0.00	0.02 ± 0.01	0.04 ± 0.01	0.06 ± 0.03	0.05 ± 0.03	0.02 ± 0.01	0.02 ± 0.01
1991-92	0.01 ± 0.01	0.04 ± 0.03	0.05 ± 0.02	0.07 ± 0.04	0.02 ± 0.01	0.04 ± 0.02	0.04 ± 0.02
1992-93	0.01 ± 0.01	0.04 ± 0.02	0.05 ± 0.02	0.06 ± 0.04	0.05 ± 0.03	0.04 ± 0.01	0.04 ± 0.01
1993-94	0.01 ± 0.01	0.04 ± 0.04	0.03 ± 0.01	0.07 ± 0.04	0.05 ± 0.03	0.04 ± 0.02	0.04 ± 0.02
1994-95	0.01 ± 0.01	0.03 ± 0.01	0.02 ± 0.01	0.06 ± 0.03	0.03 ± 0.02	0.03 ± 0.01	0.03 ± 0.01
1995-96	0.02 ± 0.01	0.08 ± 0.04	0.05 ± 0.02	0.08 ± 0.04	0.01 ± 0.01	0.06 ± 0.02	0.06 ± 0.02
1996-97	0.03 ± 0.02	0.06 ± 0.03	0.04 ± 0.01	0.07 ± 0.04	0.03 ± 0.02	0.05 ± 0.02	0.05 ± 0.02
1997-98	0.03 ± 0.02	0.06 ± 0.02	0.02 ± 0.01	0.09 ± 0.05	0.01 ± 0.01	0.05 ± 0.02	0.05 ± 0.02
1998-99	0.01 ± 0.01	0.03 ± 0.01	0.03 ± 0.01	0.05 ± 0.02	0.02 ± 0.02	0.03 ± 0.01	0.03 ± 0.01
1999-2000	0.03 ± 0.02	0.05 ± 0.03	0.04 ± 0.01	0.04 ± 0.02	0.06 ± 0.04	0.05 ± 0.02	0.05 ± 0.02
2000-01	0.02 ± 0.01	0.05 ± 0.02	0.03 ± 0.01	0.02 ± 0.01	<.01 ± 0.01	0.04 ± 0.01	0.04 ± 0.01
2001-02	0.01 ± 0.01	0.04 ± 0.02	0.02 ± 0.01	0.05 ± 0.04	<.01 ± 0.01	0.03 ± 0.01	0.03 ± 0.01
2002-03	0.02 ± 0.02	0.04 ± 0.02	0.03 ± 0.01	0.02 ± 0.01	0.02 ± 0.02	0.03 ± 0.01	0.03 ± 0.01
Lane snapper							
1982-83 *							
1983-84		<.01 ± 0.01	<.01 ± 0.01	<.01 ± 0.01	0.00	<.01 ± 0.01	<.01 ± 0.01
1984-85		<.01 ± 0.01	<.01 ± 0.01	<.01 ± 0.01	0.00	<.01 ± 0.01	<.01 ± 0.01
1985-86		0.00	<.01 ± 0.01	0.00	0.00	<.01 ± 0.01	<.01 ± 0.01
1986-87		<.01 ± 0.01	<.01 ± 0.01	<.01 ± 0.01	0.00	<.01 ± 0.01	<.01 ± 0.01
1987-88	0.00	<.01 ± 0.01	<.01 ± 0.01	<.01 ± 0.01	0.00	<.01 ± 0.01	<.01 ± 0.01
1988-89	0.00	0.01 ± 0.01	<.01 ± 0.01	<.01 ± 0.01	0.00	<.01 ± 0.01	<.01 ± 0.01
1989-90	0.02 ± 0.02	0.00	<.01 ± 0.01	0.00	0.00	<.01 ± 0.01	<.01 ± 0.01
1990-91	0.00	<.01 ± 0.01	0.01 ± 0.01	0.00	0.00	<.01 ± 0.01	<.01 ± 0.01
1991-92	0.00	<.01 ± 0.01	0.01 ± 0.01	<.01 ± 0.01	0.00	<.01 ± 0.01	<.01 ± 0.01
1992-93	0.02 ± 0.02	0.00	<.01 ± 0.01	<.01 ± 0.01	0.00	<.01 ± 0.01	<.01 ± 0.01
1993-94	0.00	0.01 ± 0.01	<.01 ± 0.01	<.01 ± 0.01	0.00	<.01 ± 0.01	<.01 ± 0.01
1994-95	0.00	<.01 ± 0.01	<.01 ± 0.01	<.01 ± 0.01	0.00	<.01 ± 0.01	<.01 ± 0.01
1995-96	<.01 ± 0.01	<.01 ± 0.01	0.01 ± 0.01	<.01 ± 0.01	0.00	<.01 ± 0.01	<.01 ± 0.01
1996-97	0.00	<.01 ± 0.01	<.01 ± 0.01	<.01 ± 0.01	0.00	<.01 ± 0.01	<.01 ± 0.01
1997-98	0.00	<.01 ± 0.01	<.01 ± 0.01	0.00	0.00	<.01 ± 0.01	<.01 ± 0.01
1998-99	0.00	<.01 ± 0.01	0.01 ± 0.01	0.01 ± 0.01	0.01 ± 0.01	0.01 ± 0.01	0.01 ± 0.01
1999-2000	0.00	<.01 ± 0.01	<.01 ± 0.01	<.01 ± 0.01	<.01 ± 0.01	<.01 ± 0.01	<.01 ± 0.01
2000-01	0.00	<.01 ± 0.01	0.01 ± 0.01	0.01 ± 0.01	0.01 ± 0.01	0.01 ± 0.01	0.01 ± 0.01
2001-02	0.00	<.01 ± 0.01	<.01 ± 0.01	0.01 ± 0.01	<.01 ± 0.01	<.01 ± 0.01	<.01 ± 0.01
2002-03	<.01 ± 0.01	<.01 ± 0.01	0.01 ± 0.01	<.01 ± 0.01	<.01 ± 0.01	<.01 ± 0.01	<.01 ± 0.01
Little tunny							
1982-83 *							
1983-84		<.01 ± 0.01	<.01 ± 0.01	0.01 ± 0.01	0.00	<.01 ± 0.01	<.01 ± 0.01
1984-85		<.01 ± 0.01	<.01 ± 0.01	<.01 ± 0.01	0.02 ± 0.01	<.01 ± 0.01	<.01 ± 0.01
1985-86		<.01 ± 0.01	0.01 ± 0.01	<.01 ± 0.01	0.08 ± 0.07	0.01 ± 0.01	0.01 ± 0.01

Table F.4. (Cont'd.)

Species Year	Area					
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	Coastwide
Little tunny (Cont'd.)						
1986-87		0.01 ± 0.01	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01
1987-88	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01
1988-89	<.01 ± <.01	0.01 ± 0.01	<.01 ± <.01	0.01 ± <.01	0.00	0.01 ± <.01
1989-90	0.00	0.00	0.00	0.00	0.00	0.00
1990-91	0.00	<.01 ± <.01	0.00	<.01 ± <.01	0.01 ± 0.01	<.01 ± <.01
1991-92	0.01 ± 0.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.06 ± 0.06	0.01 ± <.01
1992-93	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01	0.02 ± 0.01	<.01 ± <.01
1993-94	0.00	<.01 ± <.01	0.00	<.01 ± <.01	0.00	<.01 ± <.01
1994-95	0.00	0.00	0.00	0.01 ± <.01	0.00	<.01 ± <.01
1995-96	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01	0.00	<.01 ± <.01
1996-97	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01
1997-98	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01	0.02 ± 0.02	<.01 ± <.01
1998-99	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01	0.00	<.01 ± <.01
1999-2000	0.00	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01
2000-01	0.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01
2001-02	0.00	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01
2002-03	0.00	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01	<.01 ± <.01
Red drum						
1982-83		0.00	<.01 ± <.01	0.00	0.00	<.01 ± <.01
1983-84		0.00	0.01 ± <.01	0.00	0.00	<.01 ± <.01
1984-85		0.00	<.01 ± <.01	0.00	0.00	<.01 ± <.01
1985-86		0.02 ± 0.02	<.01 ± <.01	0.00	0.00	0.01 ± <.01
1986-87		<.01 ± <.01	0.01 ± <.01	0.00	0.00	<.01 ± <.01
1987-88	<.01 ± <.01	0.01 ± 0.01	<.01 ± <.01	0.00	0.00	0.01 ± <.01
1988-89	0.01 ± <.01	0.00	<.01 ± <.01	0.00	0.01 ± 0.01	<.01 ± <.01
1989-90	<.01 ± <.01	0.00	<.01 ± <.01	0.00	0.00	<.01 ± <.01
1990-91	0.00	0.00	0.00	0.00	0.00	<.01 ± <.01
1991-92	0.01 ± 0.01	0.00	0.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01
1992-93	0.01 ± 0.01	0.00	<.01 ± <.01	0.00	0.00	<.01 ± <.01
1993-94	0.01 ± 0.01	0.00	0.01 ± 0.01	0.00	0.00	<.01 ± <.01
1994-95	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.00	0.00	<.01 ± <.01
1995-96	0.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.00	0.00	<.01 ± <.01
1996-97	0.01 ± 0.01	<.01 ± <.01	<.01 ± <.01	0.00	0.00	<.01 ± <.01
1997-98	<.01 ± <.01	<.01 ± <.01	0.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01
1998-99	<.01 ± <.01	<.01 ± <.01	0.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01
1999-2000	<.01 ± <.01	<.01 ± <.01	0.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01
2000-01	0.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01
2001-02	<.01 ± <.01	0.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01
2002-03	0.02 ± 0.02	<.01 ± <.01	0.01 ± <.01	<.01 ± <.01	0.00	0.01 ± <.01

Table F.4. (Cont'd.)

Species Year	Area						Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Red snapper							
1982-83		0.15 ± 0.08	0.34 ± 0.27	0.04 ± 0.02	0.36 ± 0.21	0.20 ± 0.09	
1983-84		0.23 ± 0.15	0.37 ± 0.14	0.07 ± 0.05	1.16 ± 0.51	0.22 ± 0.08	
1984-85		0.03 ± 0.03	0.15 ± 0.05	0.12 ± 0.06	0.21 ± 0.10	0.09 ± 0.03	
1985-86		1.01 ± 0.88	0.10 ± 0.03	0.01 ± 0.01	0.28 ± 0.22	0.61 ± 0.50	
1986-87		0.05 ± 0.04	0.28 ± 0.12	0.07 ± 0.04	0.61 ± 0.57	0.15 ± 0.07	
1987-88	0.17 ± 0.08	0.27 ± 0.18	0.15 ± 0.07	0.06 ± 0.04	0.39 ± 0.33	0.18 ± 0.08	
1988-89	0.29 ± 0.19	0.38 ± 0.31	0.18 ± 0.05	0.07 ± 0.05	0.20 ± 0.15	0.25 ± 0.13	
1989-90	0.35 ± 0.32	0.04 ± 0.03	0.40 ± 0.21	0.05 ± 0.04	0.22 ± 0.21	0.11 ± 0.04	
1990-91	0.13 ± 0.05	0.04 ± 0.02	0.10 ± 0.05	0.01 ± 0.01	0.98 ± 0.64	0.05 ± 0.02	
1991-92	0.56 ± 0.35	0.14 ± 0.08	0.14 ± 0.07	0.02 ± 0.01	0.41 ± 0.31	0.14 ± 0.06	
1992-93	0.22 ± 0.14	0.05 ± 0.03	0.31 ± 0.10	0.06 ± 0.03	0.36 ± 0.17	0.14 ± 0.06	
1993-94	0.41 ± 0.24	0.15 ± 0.13	0.39 ± 0.13	0.08 ± 0.06	0.58 ± 0.39	0.23 ± 0.09	
1994-95	0.39 ± 0.15	0.21 ± 0.09	0.31 ± 0.09	0.05 ± 0.03	0.39 ± 0.20	0.23 ± 0.06	
1995-96	0.27 ± 0.11	0.24 ± 0.08	0.28 ± 0.09	0.08 ± 0.04	0.45 ± 0.27	0.25 ± 0.05	
1996-97	0.31 ± 0.12	0.18 ± 0.08	0.26 ± 0.07	0.06 ± 0.03	0.54 ± 0.33	0.22 ± 0.05	
1997-98	0.27 ± 0.11	0.15 ± 0.05	0.29 ± 0.08	0.02 ± 0.01	0.50 ± 0.46	0.17 ± 0.04	
1998-99	0.22 ± 0.09	0.17 ± 0.06	0.17 ± 0.05	0.05 ± 0.03	0.24 ± 0.16	0.16 ± 0.04	
1999-2000	0.21 ± 0.17	0.02 ± 0.01	0.08 ± 0.04	0.01 ± 0.01	0.12 ± 0.08	0.05 ± 0.02	
2000-01	0.18 ± 0.09	0.06 ± 0.03	0.17 ± 0.05	0.11 ± 0.07	0.30 ± 0.15	0.11 ± 0.03	
2001-02	0.24 ± 0.11	0.07 ± 0.03	0.21 ± 0.07	0.08 ± 0.06	0.19 ± 0.16	0.12 ± 0.03	
2002-03	0.09 ± 0.05	0.10 ± 0.04	0.18 ± 0.06	0.04 ± 0.02	0.33 ± 0.15	0.13 ± 0.03	
Sand seatrout							
1982-83		0.40 ± 0.40	2.31 ± 2.25	<.01 ± <.01	0.02 ± 0.02	0.84 ± 0.72	
1983-84		0.01 ± 0.01	0.49 ± 0.31	0.00	<.01 ± <.01	0.08 ± 0.05	
1984-85		0.04 ± 0.03	0.16 ± 0.07	<.01 ± <.01	0.00	0.03 ± 0.02	
1985-86		0.02 ± 0.01	0.08 ± 0.05	0.00	0.00	0.02 ± 0.01	
1986-87		0.04 ± 0.03	0.04 ± 0.02	0.00	0.00	0.03 ± 0.01	
1987-88	0.07 ± 0.04	0.03 ± 0.02	<.01 ± <.01	0.00	0.00	0.02 ± 0.01	
1988-89	<.01 ± <.01	<.01 ± <.01	0.01 ± 0.01	0.00	0.00	<.01 ± <.01	
1989-90	0.00	0.02 ± 0.02	0.06 ± 0.06	0.03 ± 0.03	0.00	0.03 ± 0.01	
1990-91	0.03 ± 0.01	<.01 ± <.01	0.02 ± 0.02	<.01 ± <.01	0.00	0.01 ± <.01	
1991-92	1.06 ± 1.05	<.01 ± <.01	0.02 ± 0.02	<.01 ± <.01	0.00	0.03 ± 0.03	
1992-93	0.23 ± 0.18	<.01 ± <.01	0.02 ± 0.02	0.02 ± 0.02	0.00	0.05 ± 0.03	
1993-94	0.05 ± 0.04	0.00	0.14 ± 0.13	0.00	0.00	0.02 ± 0.01	
1994-95	0.06 ± 0.04	0.03 ± 0.03	0.04 ± 0.03	<.01 ± <.01	0.00	0.03 ± 0.02	
1995-96	<.01 ± <.01	<.01 ± <.01	0.06 ± 0.04	0.00	0.00	0.03 ± 0.02	
1996-97	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.00	0.00	<.01 ± <.01	
1997-98	<.01 ± <.01	0.00	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01	
1998-99	0.01 ± 0.01	<.01 ± <.01	<.01 ± <.01	0.00	0.00	<.01 ± <.01	
1999-2000	0.03 ± 0.03	0.01 ± 0.01	0.02 ± 0.02	0.00	0.00	<.01 ± <.01	
2000-01	0.03 ± 0.02	0.01 ± 0.01	<.01 ± <.01	0.00	0.02 ± 0.02	0.01 ± 0.01	

Table F.4. (Cont'd.)

Species Year	Area						Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Sand seatrout (Cont'd.)							
2001-02	0.10 ± 0.10	0.01 ± 0.01	<.01 ± <.01	<.01 ± <.01	0.00	0.00	0.01 ± 0.01
2002-03	0.00	<.01 ± <.01	0.02 ± 0.02	<.01 ± <.01	<.01 ± <.01	0.00	0.01 ± <.01
Spanish mackerel							
1982-83		0.01 ± 0.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01
1983-84		0.01 ± 0.01	<.01 ± <.01	<.01 ± <.01	0.01 ± <.01	<.01 ± <.01	0.01 ± <.01
1984-85		0.03 ± 0.02	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.01 ± 0.01
1985-86		0.01 ± 0.01	0.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.01 ± <.01	0.01 ± <.01
1986-87		0.02 ± 0.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.00	0.01 ± 0.01
1987-88	0.01 ± <.01	0.04 ± 0.02	<.01 ± <.01	<.01 ± <.01	0.00	0.00	0.02 ± 0.01
1988-89	<.01 ± <.01	0.00	0.01 ± <.01	0.01 ± <.01	0.00	0.00	<.01 ± <.01
1989-90	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.01 ± <.01	0.00	0.00	<.01 ± <.01
1990-91	0.03 ± 0.02	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.01 ± 0.01	0.00	<.01 ± <.01
1991-92	0.08 ± 0.06	0.04 ± 0.03	0.01 ± <.01	<.01 ± <.01	0.01 ± 0.01	0.01 ± 0.01	0.03 ± 0.02
1992-93	0.00	<.01 ± <.01	0.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01
1993-94	0.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.00	0.00	<.01 ± <.01
1994-95	0.03 ± 0.03	0.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.00	0.00	<.01 ± <.01
1995-96	0.01 ± <.01	0.02 ± 0.01	<.01 ± <.01	<.01 ± <.01	0.00	0.00	0.01 ± <.01
1996-97	0.03 ± 0.02	0.01 ± <.01	0.01 ± <.01	<.01 ± <.01	0.00	0.00	0.01 ± <.01
1997-98	0.02 ± 0.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.00	0.00	<.01 ± <.01
1998-99	0.01 ± <.01	0.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.00	0.00	<.01 ± <.01
1999-2000	0.02 ± 0.02	0.01 ± 0.01	<.01 ± <.01	<.01 ± <.01	0.00	0.00	0.01 ± <.01
2000-01	0.01 ± 0.01	0.02 ± 0.01	<.01 ± <.01	<.01 ± <.01	0.00	0.00	0.01 ± 0.01
2001-02	0.02 ± 0.01	<.01 ± <.01	0.00	<.01 ± <.01	0.00	0.00	<.01 ± <.01
2002-03	0.02 ± 0.01	<.01 ± <.01	0.01 ± <.01	0.00	0.00	0.00	<.01 ± <.01
Spotted seatrout							
1982-83		<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01
1983-84		0.00	<.01 ± <.01	0.00	0.00	0.00	<.01 ± <.01
1984-85		0.00	<.01 ± <.01	0.00	0.00	0.00	<.01 ± <.01
1985-86		<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.00	0.00	<.01 ± <.01
1986-87		0.01 ± 0.01	<.01 ± <.01	0.00	0.00	0.00	0.01 ± 0.01
1987-88	<.01 ± <.01	0.00	<.01 ± <.01	0.00	0.00	0.00	<.01 ± <.01
1988-89	0.06 ± 0.06	0.01 ± 0.01	<.01 ± <.01	0.00	0.00	0.00	0.01 ± 0.01
1989-90	0.00	0.00	<.01 ± <.01	0.00	0.02 ± 0.02	0.00	<.01 ± <.01
1990-91	0.00	0.00	0.00	0.00	0.00	0.00	0.01 ± 0.01
1991-92	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1992-93	<.01 ± <.01	0.01 ± 0.01	<.01 ± <.01	0.00	0.00	0.00	<.01 ± <.01
1993-94	<.01 ± <.01	0.00	<.01 ± <.01	0.00	0.00	0.00	<.01 ± <.01
1994-95	<.01 ± <.01	0.01 ± 0.01	0.01 ± 0.01	0.00	0.00	0.00	0.01 ± 0.01
1995-96	0.02 ± 0.02	<.01 ± <.01	0.00	0.00	0.00	0.00	<.01 ± <.01
1996-97	0.03 ± 0.02	0.00	<.01 ± <.01	0.00	0.00	0.00	<.01 ± <.01
1997-98	<.01 ± <.01	0.00	0.00	0.00	0.00	0.00	<.01 ± <.01

Table F.4. (Cont'd.)

Species Year	Area						Lower Laguna Madre	Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	Coastwide		
Spotted seatrout (Cont'd.)								
1998-99	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.00	0.00	<.01 ± <.01	0.00	<.01 ± <.01
1999-2000	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.00	0.00	<.01 ± <.01	0.00	<.01 ± <.01
2000-01	0.05 ± 0.03	<.01 ± <.01	0.00	0.00	0.00	<.01 ± <.01	0.00	<.01 ± <.01
2001-02	<.01 ± <.01	0.00	0.01 ± 0.01	<.01 ± <.01	0.00	<.01 ± <.01	0.00	<.01 ± <.01
2002-03	0.00	<.01 ± <.01	<.01 ± <.01	0.00	0.00	<.01 ± <.01	0.00	<.01 ± <.01
Vermilion snapper								
1982-83 ^a								
1983-84		0.00	0.00	<.01 ± <.01	0.00	<.01 ± <.01	0.00	<.01 ± <.01
1984-85		0.00	0.00	<.01 ± <.01	0.00	<.01 ± <.01	0.00	<.01 ± <.01
1985-86		0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986-87		0.00	0.00	0.00	0.00	0.00	0.00	0.00
1987-88	0.00	0.00	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01	0.00	<.01 ± <.01
1988-89	0.00	0.00	0.01 ± 0.01	<.01 ± <.01	0.00	<.01 ± <.01	0.00	<.01 ± <.01
1989-90	0.02 ± 0.02	0.00	0.01 ± 0.01	0.00	0.00	0.00	0.00	<.01 ± <.01
1990-91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	<.01 ± <.01
1991-92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1992-93	0.00	0.00	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01
1993-94	0.00	0.03 ± 0.03	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01	0.00	0.01 ± 0.01
1994-95	0.00	0.00	0.02 ± 0.02	<.01 ± <.01	0.00	<.01 ± <.01	0.00	<.01 ± <.01
1995-96	0.00	<.01 ± <.01	0.01 ± 0.01	<.01 ± <.01	0.00	<.01 ± <.01	0.00	<.01 ± <.01
1996-97	0.00	<.01 ± <.01	0.03 ± 0.03	<.01 ± <.01	0.00	<.01 ± <.01	0.00	<.01 ± <.01
1997-98	0.00	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01	0.00	<.01 ± <.01
1998-99	0.00	<.01 ± <.01	0.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01
1999-2000	0.00	0.00	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01
2000-01	0.00	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01
2001-02	0.00	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01	0.00	<.01 ± <.01	<.01 ± <.01	<.01 ± <.01
2002-03	0.00	0.01 ± 0.01	0.01 ± 0.01	<.01 ± <.01	0.00	<.01 ± <.01	<.01 ± <.01	0.01 ± 0.01
Other species								
1982-83		0.06 ± 0.03	0.05 ± 0.02	0.03 ± 0.01	0.04 ± 0.03	0.04 ± 0.03	0.04 ± 0.03	0.04 ± 0.01
1983-84		0.08 ± 0.04	0.07 ± 0.04	0.05 ± 0.03	0.02 ± 0.01	0.02 ± 0.01	0.02 ± 0.01	0.06 ± 0.02
1984-85		0.10 ± 0.10	0.19 ± 0.15	0.01 ± <.01	0.06 ± 0.04	0.06 ± 0.04	0.07 ± 0.05	0.07 ± 0.05
1985-86		0.15 ± 0.11	0.10 ± 0.06	0.01 ± <.01	0.05 ± 0.03	0.05 ± 0.03	0.10 ± 0.06	0.10 ± 0.06
1986-87		0.03 ± 0.01	0.06 ± 0.02	0.01 ± <.01	0.03 ± 0.02	0.03 ± 0.02	0.03 ± 0.01	0.03 ± 0.01
1987-88	0.05 ± 0.03	0.07 ± 0.04	0.18 ± 0.13	0.01 ± <.01	0.07 ± 0.07	0.07 ± 0.07	0.03 ± 0.01	0.07 ± 0.03
1988-89	0.03 ± 0.03	0.04 ± 0.03	0.19 ± 0.14	0.01 ± <.01	0.02 ± 0.01	0.02 ± 0.01	0.07 ± 0.03	0.07 ± 0.03
1989-90	0.05 ± 0.05	0.03 ± 0.01	0.03 ± 0.02	0.03 ± 0.02	0.01 ± 0.01	0.01 ± 0.01	0.03 ± 0.01	0.03 ± 0.01
1990-91	0.02 ± 0.02	0.01 ± <.01	0.08 ± 0.04	0.01 ± 0.01	0.01 ± 0.01	0.01 ± 0.01	0.03 ± 0.01	0.03 ± 0.01
1991-92	0.18 ± 0.13	0.02 ± 0.01	0.02 ± 0.01	0.01 ± <.01	0.01 ± 0.01	0.01 ± 0.01	0.02 ± 0.01	0.02 ± 0.01
1992-93	0.02 ± 0.02	0.01 ± 0.01	0.03 ± 0.01	0.01 ± <.01	0.01 ± 0.01	0.01 ± 0.01	0.02 ± 0.01	0.02 ± 0.01
1993-94	0.01 ± 0.01	0.04 ± 0.04	0.03 ± 0.01	0.01 ± <.01	0.05 ± 0.04	0.01 ± 0.01	0.02 ± 0.01	0.02 ± 0.01
1994-95	0.01 ± <.01	0.04 ± 0.01	0.04 ± 0.02	0.02 ± 0.02	0.01 ± 0.01	0.01 ± 0.01	0.02 ± 0.02	0.03 ± 0.01

Table F.4. (Cont'd.)

Species Year	Area					
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	Coastwide
Other species (Cont'd.)						
1995-96	0.03 ± 0.01	0.01 ± <.01	0.02 ± 0.01	0.02 ± 0.01	<.01 ± <.01	0.02 ± <.01
1996-97	0.01 ± 0.01	0.03 ± 0.01	0.02 ± 0.01	0.02 ± 0.01	0.01 ± 0.01	0.02 ± 0.01
1997-98	0.01 ± <.01	0.01 ± 0.01	0.02 ± 0.01	0.01 ± <.01	0.02 ± 0.02	0.01 ± <.01
1998-99	0.01 ± <.01	0.02 ± 0.01	0.03 ± 0.01	0.02 ± 0.01	0.03 ± 0.02	0.02 ± 0.01
1999-2000	0.02 ± 0.02	0.03 ± 0.02	0.02 ± 0.01	0.03 ± 0.02	0.03 ± 0.02	0.03 ± 0.01
2000-01	0.01 ± <.01	0.04 ± 0.02	0.04 ± 0.02	0.03 ± 0.01	0.07 ± 0.04	0.04 ± 0.01
2001-02	0.01 ± <.01	0.03 ± 0.01	0.06 ± 0.03	0.02 ± 0.01	0.02 ± 0.01	0.03 ± 0.01
2002-03	0.05 ± 0.04	0.04 ± 0.02	0.06 ± 0.03	0.01 ± <.01	0.02 ± 0.01	0.04 ± 0.01
All species combined ^b						
1982-83		0.66 ± 0.47	2.81 ± 2.38	0.12 ± 0.04	0.49 ± 0.27	1.15 ± 0.76
1983-84		0.55 ± 0.26	1.01 ± 0.45	0.24 ± 0.16	1.23 ± 0.53	0.49 ± 0.18
1984-85		0.26 ± 0.15	0.66 ± 0.20	0.25 ± 0.10	0.42 ± 0.17	0.31 ± 0.08
1985-86		1.32 ± 1.03	0.48 ± 0.14	0.14 ± 0.04	0.47 ± 0.33	0.88 ± 0.58
1986-87		0.25 ± 0.12	0.50 ± 0.16	0.15 ± 0.08	0.67 ± 0.58	0.32 ± 0.10
1987-88	0.40 ± 0.18	0.49 ± 0.29	0.52 ± 0.21	0.15 ± 0.07	0.55 ± 0.48	0.40 ± 0.13
1988-89	0.51 ± 0.31	0.50 ± 0.34	0.50 ± 0.18	0.15 ± 0.07	0.34 ± 0.20	0.41 ± 0.15
1989-90	0.50 ± 0.43	0.31 ± 0.15	0.61 ± 0.29	0.20 ± 0.09	0.33 ± 0.27	0.32 ± 0.10
1990-91	0.23 ± 0.09	0.13 ± 0.07	0.42 ± 0.16	0.10 ± 0.04	1.08 ± 0.67	0.17 ± 0.06
1991-92	1.98 ± 1.44	0.34 ± 0.18	0.34 ± 0.14	0.19 ± 0.09	0.62 ± 0.44	0.37 ± 0.14
1992-93	0.55 ± 0.34	0.14 ± 0.07	0.61 ± 0.22	0.20 ± 0.07	0.50 ± 0.22	0.31 ± 0.07
1993-94	0.53 ± 0.28	0.48 ± 0.45	0.58 ± 0.19	0.20 ± 0.11	0.68 ± 0.45	0.44 ± 0.19
1994-95	0.55 ± 0.21	0.36 ± 0.13	0.53 ± 0.15	0.21 ± 0.09	0.56 ± 0.29	0.39 ± 0.08
1995-96	0.39 ± 0.16	0.38 ± 0.14	0.50 ± 0.17	0.25 ± 0.10	0.95 ± 0.57	0.43 ± 0.09
1996-97	0.45 ± 0.15	0.36 ± 0.16	0.40 ± 0.11	0.24 ± 0.10	0.63 ± 0.38	0.38 ± 0.08
1997-98	0.37 ± 0.16	0.26 ± 0.09	0.41 ± 0.11	0.17 ± 0.07	0.57 ± 0.52	0.29 ± 0.06
1998-99	0.34 ± 0.13	0.28 ± 0.09	0.30 ± 0.09	0.23 ± 0.12	0.34 ± 0.22	0.28 ± 0.06
1999-2000	0.42 ± 0.33	0.17 ± 0.08	0.24 ± 0.08	0.11 ± 0.04	0.26 ± 0.14	0.20 ± 0.06
2000-01	0.35 ± 0.16	0.22 ± 0.09	0.30 ± 0.09	0.20 ± 0.10	0.43 ± 0.20	0.25 ± 0.06
2001-02	0.41 ± 0.18	0.19 ± 0.08	0.38 ± 0.12	0.19 ± 0.14	0.28 ± 0.22	0.25 ± 0.06
2002-03	0.23 ± 0.13	0.25 ± 0.09	0.37 ± 0.11	0.08 ± 0.04	0.40 ± 0.17	0.27 ± 0.06

^a This species included in "other" species in this year.

^b Due to rounding of numbers, these totals may not exactly equal sum of individual totals.

Table F.5. Estimated annual mean total lengths of fishes (mm/fish) \pm 1 SE caught by private-boat anglers in the EEZ by area, species, and year (1983-2003). Blank mean values indicate no fish measured. Blank standard errors indicate fish measured on only one survey day.

Species Year	Area						Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Atlantic croaker							
1983-84		233	270				248
1984-85			298 \pm 10	343			304 \pm 10
1985-86			225				225
1986-87		274			275		
1987-88	199	269	217				262
1988-89	209		297				238
1989-90		226		175			192
1990-91							
1991-92							
1992-93		242					242
1993-94							
1994-95		267	372				320
1995-96							
1996-97							
1997-98	228						228
1998-99	231	285 \pm 1					257
1999-2000		297	273	367			338
2000-01				323	485		377
2001-02		231		275			237
2002-03		202					202
Atlantic sharpnose shark							
1983-84		920	940	918 \pm 8			921 \pm 5
1984-85		968 \pm 3	788	1025		1017	972 \pm <1
1985-86		950	928 \pm 17	943 \pm 19			938 \pm 11
1986-87		898	988 \pm 3	900 \pm 46		1016	935 \pm 21
1987-88	913	937	722 \pm 38	965 \pm 27			881 \pm 15
1988-89	736		849 \pm 49	982 \pm 10			879 \pm 21
1989-90	958		937 \pm <1	982 \pm 12		1031	967 \pm 7
1990-91		994	866 \pm 19	928			878 \pm 19
1991-92		996	935 \pm 25	760			865 \pm 14
1992-93	760	865 \pm 5	902 \pm 46	1006 \pm 26		769	911 \pm 23
1993-94	1422		685 \pm 146	972 \pm 136			921 \pm 103
1994-95	979 \pm 35		825 \pm 70	1048		823	860 \pm 50
1995-96	848 \pm 94	948		991 \pm 17			938 \pm 28
1996-97	917 \pm 29	980 \pm 14	979 \pm 34	941		925	951 \pm 13
1997-98	994 \pm 79	985 \pm 22	895	977 \pm 23			988 \pm 60
1998-99	818 \pm 55	971 \pm 20	957 \pm 3	984 \pm 7			932 \pm 15
1999-2000	959 \pm 3	956 \pm 4	980 \pm 25	927 \pm 25		979	951 \pm 8
2000-01	925 \pm 24	892 \pm 74	1008 \pm 8	1005 \pm 10			948 \pm 27
2001-02	882 \pm 48	866 \pm 11	940 \pm 24	1021 \pm 47		1017	928 \pm 16
2002-03		990 \pm 43	938	1002		979	986 \pm 43

Table F.5. (Cont'd.)

Species Year	Area						Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Atlantic spadefish							
1983-84		281		371 ± 1			281
1984-85		342 ± 6		371 ± 18			368 ± 4
1985-86		342 ± 51		388 ± 8			358 ± 6
1986-87		343 ± 10		435	317		350 ± 14
1987-88	309 ± 15	353		358 ± 1	387		329 ± 11
1988-89	287	394 ± 44		304 ± 2	370		338 ± 1
1989-90	301	335		298 ± 18	316		329 ± 28
1990-91	335	290 ± 1		380 ± 3	348 ± 9		311 ± 14
1991-92	371	321		394 ± 18	328	315	297 ± 1
1992-93	377	347 ± 30		401 ± 1	330 ± 20	329	375 ± 3
1993-94	325	378 ± 3		401 ± 1	324 ± 4		338 ± 4
1994-95	345 ± 5	397 ± 11		424 ± 10	358		347 ± 15
1995-96	341 ± 2	401 ± 10		426 ± 4	334 ± 1		379 ± 3
1996-97	351 ± 13	375 ± 6		472 ± 24	444		364 ± 8
1997-98	372 ± 14	355 ± 15		458 ± 8	375 ± 23		397 ± 8
1998-99	310 ± 11	313 ± 5		330 ± 20	337		332 ± 8
1999-2000	313 ± 5	316 ± 7		433 ± 4	361 ± 7	481	397 ± 12
2000-01	316 ± 7	350 ± 13		500	332		360 ± 7
2001-02	344 ± 7	334 ± 3		508	460		350 ± 12
2002-03	385 ± 9	564 ± 17		508			358 ± 3
Black drum							
1983-84		482		631 ± 10			496
1984-85		510		524 ± 12	586		508
1985-86		425		610 ± 131			620 ± 10
1986-87		605		870			524 ± 12
1987-88	471			495		561	517 ± 33
1988-89				621 ± 24			711
1989-90	554			540			525
1990-91	553	690		562			534
1991-92	507	460		496	656		552
1992-93	542	585		617 ± 9			512
1993-94	541	400		598 ± 10			612 ± 9
1994-95		468		570			522
1995-96	532	491		519 ± 59	584		511 ± 9
1996-97	449 ± 14	556 ± 30		552			569 ± 54
1997-98	580 ± 54	551 ± 22		590			549 ± 20
1998-99	571 ± 4	704 ± 186		547 ± 8			542 ± 20
1999-2000	520 ± 45	540					584 ± 186
2000-01	536	564 ± 17			488		525
2001-02	454						531 ± 5
2002-03	496						

Table F.5. (Cont'd.)

Species Year	Area					
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	Coastwide
Blacktip shark						
1983-84				1585		1585
1984-85		941		1057		1040
1985-86		928	1590			1001
1986-87		1450	793 ± 35			827 ± 35
1987-88	763		989 ± 10	1315 ± 285		898 ± 23
1988-89			786 ± 65			786 ± 65
1989-90				581		581
1990-91		1208		755	653	872
1991-92		1043 ± 110	920	815 ± 14		881 ± 32
1992-93		1001 ± 17			748	969 ± 17
1993-94			1169	1041	1020	1059
1994-95	1005		1797			1418
1995-96	990 ± 36					990 ± 36
1996-97	1016 ± 58					1004 ± 58
1997-98	1121 ± 111	1103		788	1160	1107 ± 55
1998-99	994 ± 55	1166 ± 127	970	1120	1168	1042 ± 51
1999-2000	1035 ± 19	843 ± 37	681	1283 ± 289		1006 ± 78
2000-01		1175		2614		1507
2001-02	1024	1330				1085
2002-03		1080	1267	1017 ± 9		1135 ± 9
Cobia						
1983-84		1175 ± 92	1036 ± 104	1183 ± 40	1040	1133 ± 57
1984-85		891	1198 ± 92	820	897	1122 ± 92
1985-86		977 ± 7	1047 ± 11	962 ± 34	982	1000 ± 11
1986-87		950	1110 ± 154	918		1042 ± 154
1987-88	728 ± 66	1087	1042 ± 48	1051 ± 59		865 ± 42
1988-89	812	1155	966 ± 59	906	981	967 ± 59
1989-90	791	1082	1043 ± 16	1040 ± 64		982 ± 37
1990-91	981	1368	1177 ± 70	1270		1212 ± 70
1991-92	1011	790 ± 9	855	1064 ± 36	937	889 ± 13
1992-93	979	1178	926	1291 ± 82		1117 ± 82
1993-94	946 ± 53	934	1019 ± 24			961 ± 32
1994-95	1090 ± 25	1004	1086 ± 53	943 ± 4		1040 ± 28
1995-96	1031 ± 55	1080 ± 54	1002 ± 45	1066 ± 50		1042 ± 31
1996-97	1149 ± 38	1060 ± 34	1010	1027 ± 56	978 ± 17	1100 ± 25
1997-98	1168 ± 64	1035 ± 7	1034 ± 34	1077 ± 42		1104 ± 30
1998-99	1059 ± 64	1114 ± 27	1089 ± 41	1013 ± 31	1148	1074 ± 19
1999-2000	1123 ± 13	1011 ± 21	950 ± 101	1093 ± 28	1121	1049 ± 23
2000-01	648 ± 33	1123 ± 82	1038 ± 17	1052		1021 ± 17
2001-02	1149 ± 176	1070 ± 37	1004 ± 18	1052 ± 11	980 ± 16	1048 ± 21
2002-03	931 ± 126	933 ± 73	1028 ± 34	1036		998 ± 34

Table F.5. (Cont'd.)

Species Year	Area						Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Dolphin							
1983-84		450	449 ± 14	521 ± 10	712	472 ± 7	
1984-85		897	572 ± 37	536 ± 21	670 ± 38	561 ± 17	
1985-86		465 ± 32	438 ± 22	430 ± 21		443 ± 14	
1986-87		544 ± 9	506 ± 18	574 ± 28	703 ± 16	546 ± 13	
1987-88	600	534 ± 25	523 ± 21	548 ± 42	739	530 ± 16	
1988-89			531 ± 33	496 ± 6		511 ± 14	
1989-90		553 ± 6	472 ± 75	513 ± 22	486	539 ± 7	
1990-91		504 ± 5	517 ± 39	613 ± 79	506	522 ± 15	
1991-92	569	511 ± 2	504 ± 38	513 ± 29	760 ± 11	522 ± 9	
1992-93		594	689	500 ± 17	803 ± 41	530 ± 16	
1993-94	450	555	574 ± 62	606 ± 25	506	563 ± 7	
1994-95	885	476 ± 24	662 ± 94	607 ± 50	528	834 ± 29	
1995-96	455	623 ± 114	518 ± 1	575 ± 3	590 ± 9	556 ± 6	
1996-97	541 ± 55	573 ± 15	733 ± 49	677 ± 29	517	584 ± 14	
1997-98	670 ± 27	683 ± 76	544 ± 76	535 ± 20		547 ± 23	
1998-99	790	607 ± 42	667	736 ± 53	856	676 ± 33	
1999-2000	639 ± 85	609 ± 29	518 ± 21	703 ± 36	1198 ± 167	609 ± 18	
2000-01		717 ± 10	668 ± 46	607 ± 28	511	665 ± 12	
2001-02		528 ± 56	582 ± 27	482 ± 21	940	600 ± 16	
2002-03	455	692 ± 53	609 ± 40	857 ± 140	588 ± 25	623 ± 26	
Gray triggerfish							
1983-84			313 ± 7	330 ± 38		317 ± 10	
1984-85			303 ± 31		279	288 ± 31	
1985-86			252 ± 3	334 ± 4	349	323 ± 2	
1986-87		332	289 ± 9	260		287 ± 9	
1987-88	359 ± 5	355 ± 2	317 ± 12		434	352 ± 4	
1988-89	317 ± 8	324 ± 32	309 ± 1	359 ± 3	299 ± 11	317 ± 5	
1989-90	341	335 ± 4	318 ± 25	265	275	318 ± 6	
1990-91		341	335 ± 13	360 ± 20		339 ± 8	
1991-92	330	385 ± 7	397 ± 4	352		373 ± 2	
1992-93	327	306	372 ± 18	285 ± 13	350	350 ± 15	
1993-94	377 ± 3	388	370 ± 7	340 ± 8		370 ± 4	
1994-95	350 ± 28	313 ± 11	386 ± 6	366 ± 3	378 ± 4	372 ± 4	
1995-96	340 ± 12	349 ± 15	374 ± 7	374 ± 16	386	363 ± 6	
1996-97	344 ± 20	359 ± 16	361 ± 6	339 ± 17	401	354 ± 8	
1997-98	352 ± 6	326 ± 15	405 ± 11	357 ± 7	293	360 ± 4	
1998-99	306	353 ± 7	370 ± 6	360 ± 5	352	359 ± 3	
1999-2000	298	385 ± 20	410 ± 18	409	360	363 ± 14	
2000-01	334 ± 15	328 ± 6	379 ± 4	360 ± 1	305 ± 21	359 ± 3	
2001-02	383 ± 14	385 ± 8	371 ± 6	412 ± 28	411	373 ± 4	
2002-03	382 ± 33	373 ± 8	383 ± 7			382 ± 6	

Table F.5. (Cont'd.)

Species Year	Area						Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Greater amberjack							
1983-84			1032 ± 19				1032 ± 19
1984-85			748 ± 17				666 ± 21
1985-86		580 ± 11	495 ± 66				472 ± 23
1986-87			614 ± 2				636 ± 1
1987-88	669		753 ± 54				736 ± 54
1988-89			702 ± 32		405		682 ± 32
1989-90		381	438 ± 56				450 ± 53
1990-91		452	611 ± 209				579 ± 209
1991-92	402	803					552 ± 97
1992-93	960	1180					926 ± 16
1993-94			811 ± 49				632 ± 121
1994-95			632 ± 121				853 ± 32
1995-96		818	1003 ± 40		874		870 ± 29
1996-97	846	666 ± 114	911 ± 52				874 ± 17
1997-98	890 ± 15	635 ± 133	855 ± 17	942	1008		785 ± 53
1998-99	768	853 ± 150	772 ± 76	934 ± <1			895 ± 48
1999-2000	894	817	901 ± 30	921			869
2000-01		667	859	918			962 ± 140
2001-02		828 ± 17	1040	1013 ± 140	1000		897 ± 14
2002-03	920	949 ± 12	853 ± 16	1194	1311		892 ± 12
King mackerel							
1983-84		899 ± 43	1004 ± 18	989 ± 30	906 ± 74		983 ± 17
1984-85		943 ± 39	932 ± 37	908 ± 8	883 ± 32		915 ± 13
1985-86		948 ± 35	955 ± 15	956 ± 26	904 ± 73		954 ± 13
1986-87		956 ± 10	1043 ± 23	944 ± 18	945		976 ± 9
1987-88	728 ± 43	933 ± 5	979 ± 22	914 ± 39			941 ± 16
1988-89		960 ± 55	955 ± 37	959 ± 26	937 ± 183		955 ± 25
1989-90		937 ± 40	1013 ± 16	939 ± 19	895 ± 22		943 ± 15
1990-91		908 ± 4	965 ± 25	923 ± 22	997 ± 41		928 ± 12
1991-92		899 ± 4	938 ± 20	914 ± 13	1040		910 ± 7
1992-93	845	951 ± 8	944 ± 26	901 ± 18	976 ± 42		928 ± 13
1993-94	724 ± 11	924	910 ± 16	931 ± 16	888		928 ± 9
1994-95	1019 ± 21	894 ± 10	911 ± 28	921 ± 11	941 ± 13		912 ± 7
1995-96	967 ± 99	944 ± 8	935 ± 15	948 ± 7	864 ± 4		950 ± 5
1996-97	1027 ± 14	927 ± 18	909 ± 10	933 ± 15	1022 ± 18		931 ± 8
1997-98	987 ± 24	950 ± 23	939 ± 21	950 ± 11	1022		956 ± 9
1998-99	991 ± 31	917 ± 21	967 ± 19	940 ± 9	1038 ± 16		943 ± 9
1999-2000	952 ± 18	940 ± 10	933 ± 14	941 ± 11	980 ± 19		942 ± 6
2000-01	900 ± 115	937 ± 8	894 ± 16	953 ± 14	958 ± 83		931 ± 11
2001-02	1023 ± <1	964 ± 7	983 ± 25	965 ± 20			973 ± 7
2002-03	911 ± 19	919 ± 10	951 ± 14	928 ± 14	997 ± 15		931 ± 6

Table F.5. (Cont'd.)

Species Year	Area						Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Lane snapper							
1983-84		306	390	339			329
1984-85		346	312 ± 39	255			307 ± 39
1985-86			348 ± 23				348 ± 23
1986-87		233	243 ± 5	225			233 ± 5
1987-88		291	263 ± 1	197			258 ± 1
1988-89		305	325 ± 51				312 ± 51
1989-90	282		431				307
1990-91		276	301 ± 3				284 ± 3
1991-92		357	448	457			442
1992-93	297		340	408			305
1993-94		293	369 ± 1				
1994-95		410	376 ± 25	280			310 ± 1
1995-96	364	350 ± 43	315 ± 4	367 ± 11			369 ± 25
1996-97		437 ± 10	394 ± 10	463 ± 17			344 ± 8
1997-98		406	371 ± 19				426 ± 7
1998-99		358 ± 12	430 ± 10	462 ± 3	425		390 ± 8
1999-2000		265	391 ± 9	367 ± 11	428		417 ± 6
2000-01		375	378 ± 14	406 ± 27	433 ± 102		376 ± 7
2001-02	312	315 ± 31	387 ± 16	394 ± 31	537		387 ± 10
2002-03	374	273 ± 20	388 ± 12	416 ± 4	493 ± 5		353 ± 18
							334 ± 11
Little tunny							
1983-84		640	471	628 ± 3			619 ± 3
1984-85		750	630	622 ± 15	639 ± 17		634 ± 11
1985-86		634 ± 10	595 ± 9	643 ± 9	693 ± 4		649 ± 4
1986-87		672 ± 6	650	628			660 ± 6
1987-88	693	647 ± 14	621 ± 7	626 ± 27			636 ± 7
1988-89	729		719 ± 37	550 ± 25			593 ± 21
1989-90							
1990-91		699		615 ± 60	684		660 ± 60
1991-92	790	650	676	537	572		612
1992-93	640	683 ± 11		479	640 ± 9		626 ± 7
1993-94				669 ± 79			669 ± 79
1994-95				612 ± 20			612 ± 20
1995-96	644 ± 13	589 ± 38		599 ± 6			599 ± 29
1996-97	686 ± 11	646 ± 13	520	601 ± 23	572		599 ± 13
1997-98	558 ± 30			646 ± 44			573 ± 26
1998-99	667 ± 27	708 ± 20		624 ± 9	591		656 ± 9
1999-2000		670 ± 16	595	658 ± 37			656 ± 16
2000-01	655 ± 2	675 ± 9	673	704			672 ± 5
2001-02		668 ± 7	640				651 ± 7
2002-03		605 ± 10	718 ± 14		578 ± 25		615 ± 9

Table F.5. (Cont'd.)

Species Year	Area						Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Red drum							
1983-84			528 ± 34			528 ± 34	
1984-85			598 ± 23			598 ± 23	
1985-86		623	540 ± 6			576 ± 3	
1986-87		666	626 ± 35			635 ± 35	
1987-88	621	<1	622 ± 30			640 ± 15	
1988-89	535		649			615	
1989-90	635				644	635	
1990-91			634			634	
1991-92	745					745	
1992-93	588					588	
1993-94	664					656	
1994-95	709		637			670 ± 15	
1995-96	643 ± 58	643 ± 25	662 ± 17			658 ± 94	
1996-97	744 ± 70	711 ± 138	601			724 ± 28	
1997-98	692 ± 13	642	663 ± 22	1040		673 ± 9	
1998-99	650 ± 46	553	648 ± 11	899		680 ± 9	
1999-2000	713 ± 27	707 ± 20	682 ± 9	604 ± 39		676 ± 18	
2000-01	676	724	608	679 ± 22		675	
2001-02	840 ± 84	693	680	627		699 ± 22	
2002-03	674	766 ± 60	636 ± 14	665		671 ± 15	
		571 ± 27	707 ± 28	635 ± 58			
Red snapper							
1983-84		294 ± 5	360 ± 19	334 ± 21	350 ± 10	348 ± 10	
1984-85		287	351 ± 14	379 ± 36	359 ± 11	364 ± 16	
1985-86		373 ± 47	324 ± 4	349 ± 7	390 ± 2	353 ± 21	
1986-87		300 ± 1	343 ± 10	328 ± 12	386 ± 5	347 ± 5	
1987-88	353 ± 29	325 ± 5	401 ± 25	347 ± 6	342 ± 2	362 ± 11	
1988-89	340 ± 13	362 ± 33	372 ± 12	351 ± 22	337 ± 2	361 ± 8	
1989-90	402 ± 8	332 ± 22	372 ± 16	347 ± 16	345 ± 3	370 ± 8	
1990-91	375 ± 33	373 ± 13	377 ± 3	320 ± 21	372 ± 11	369 ± 6	
1991-92	380 ± 9	363 ± 12	413 ± 6	385 ± 10	419 ± 8	387 ± 5	
1992-93	429 ± <1	403 ± 26	406 ± 8	398 ± 12	464 ± 24	418 ± 6	
1993-94	452 ± 20	400 ± 18	436 ± 11	369 ± 9	405 ± 33	427 ± 8	
1994-95	432 ± 14	388 ± 5	422 ± 9	415 ± 9	463 ± 24	423 ± 6	
1995-96	471 ± 13	431 ± 5	458 ± 10	429 ± 8	476 ± 5	455 ± 5	
1996-97	475 ± 7	436 ± 9	471 ± 7	452 ± 8	479 ± 9	469 ± 4	
1997-98	487 ± 8	430 ± 6	474 ± 7	496 ± 22	525	476 ± 5	
1998-99	492 ± 10	472 ± 13	492 ± 13	420 ± 10	466 ± 16	479 ± 6	
1999-2000	491 ± 14	478 ± 15	438 ± 11	475 ± 20	468 ± 7	466 ± 7	
2000-01	461 ± 12	440 ± 15	465 ± 10	424 ± 14	458 ± 13	452 ± 6	
2001-02	473 ± 12	449 ± 21	462 ± 6	414 ± 5	506 ± 8	460 ± 6	
2002-03	463 ± 8	457 ± 9	467 ± 8	480 ± 16	531 ± 15	476 ± 5	

Table F.5. (Cont'd.)

Species Year	Area						Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Sand seatrout							
1983-84		332	333 ± 10				333 ± 10
1984-85		285 ± 13	362 ± 3		338		359 ± 3
1985-86		325	358 ± 12				352 ± 10
1986-87		277	321 ± 16				305 ± 9
1987-88	322 ± 10	320 ± 18	335 ± 2				323 ± 9
1988-89	277 ± 13	280	338 ± 10				332 ± 9
1989-90		232	251	326			269
1990-91	315	313	329 ± 8	312 ± 14			323 ± 5
1991-92	328	403	355	395			331
1992-93	352		344	531			382
1993-94	343 ± 1	332	327				335 ± 1
1994-95	350 ± 2	303	333 ± <1	316			337 ± 1
1995-96	356 ± <1	336 ± 16	345				347 ± 7
1996-97	361 ± 8	328	372	402			366 ± 2
1997-98	324 ± 35						324 ± 35
1998-99	269	321	314 ± 11				281 ± 4
1999-2000	346	342 ± <1	331 ± 3		269		332 ± 2
2000-01	344 ± 6	311 ± 7	356				343 ± 5
2001-02	293	285	370				300
2002-03		320 ± 16	295 ± 2	471			299 ± 2
Spanish mackerel							
1983-84		617 ± 54	603 ± 34	598 ± 51			606 ± 26
1984-85		584 ± 3	492 ± 23	542 ± 13		639	539 ± 7
1985-86		553 ± 21	557 ± 18	565 ± 56		465	557 ± 17
1986-87		530 ± 27	732		29		541 ± 27
1987-88	522 ± 32	539 ± 30	630 ± 9	630			548 ± 20
1988-89	639		513 ± 23	453			537 ± 23
1989-90	527	569	621 ± 29	688			497 ± 14
1990-91			705	427 ± 25			497 ± 14
1991-92	556 ± 21	585 ± 34	552 ± 6	492 ± 19	582		538 ± 13
1992-93	600 ± 19	560 ± 35	659 ± 33	563 ± 19	637		572 ± 17
1993-94	574	643	592 ± 29	633 ± 6	615		647 ± 21
1994-95	632 ± 5	620	619 ± 23	660 ± 41			611 ± 27
1995-96	617 ± 22	511 ± 32	609 ± 9	599 ± 11			588 ± 8
1996-97	574 ± 5	709 ± 44	645 ± 47	557 ± 22			645 ± 20
1997-98	562 ± 26	610 ± 39	641	567 ± 19			594 ± 12
1998-99	580 ± 8	628 ± 12	728 ± 61	719 ± 26			581 ± 22
1999-2000	574 ± 14	602 ± 14	711 ± 15	522 ± 45			600 ± 9
2000-01	587 ± 19	599 ± 10	670	594 ± 11			600 ± 7
2001-02	519 ± 16	613 ± 23		671			612 ± 18
2002-03	557 ± 8	595 ± 14	541 ± 27	587 ± 12			566 ± 10

Table F.5. (Cont'd.)

Species Year	Area						Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Spotted seatrout							
1983-84			393				393
1984-85			566				566
1985-86		477	476 ± 31	379			460 ± 31
1986-87		520	438				509
1987-88	377		378				377
1988-89	472	462	435				453
1989-90					387		
1990-91		452					
1991-92			444				452
1992-93			431				442
1993-94			448 ± 17				450
1994-95		434					446 ± 14
1995-96	469 ± 7	420					467 ± 7
1996-97	465 ± 9		427				462 ± 9
1997-98	480 ± 26						480 ± 26
1998-99	370	370	473				404
1999-2000	454	450	456 ± 13				454 ± 7
2000-01	507 ± 23	442		382			496 ± 23
2001-02	569						529
2002-03			460 ± 14				460 ± 14
Vermilion snapper							
1983-84				281			281
1984-85				319			319
1985-86							
1986-87							
1987-88			321 ± 75	312			313 ± 7
1988-89			296 ± 9	259			292 ± 9
1989-90			286				254
1990-91	233						
1991-92							
1992-93			308	383			359
1993-94		331	350	423		387	332
1994-95			360 ± 4	357			360 ± 3
1995-96			354	332 ± 8			352 ± 1
1996-97		356 ± 2	377 ± 1	346 ± 9			375 ± 1
1997-98			416 ± 33	323			393 ± 33
1998-99		365	398 ± 14	382 ± 8			386 ± 7
1999-2000			400 ± 6	306 ± 2			345 ± 4

Table F.5. (Cont'd.)

Species Year	Area					Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
Vermilion snapper (Cont'd.)						
2000-01		335	401 ± 36	409 ± 8	413	373 ± 26
2001-02		333 ± 4	420	309		339 ± 4
2002-03		335 ± 1	375 ± 10		370	346 ± 3

Table F.6. Estimated annual mean whole weights of fishes (kg/fish) \pm 1 SE caught by private-boat anglers in the EEZ by area, species, and year (1982-2003). Weights after 1982-83 derived from conversion of length measurements. Blank mean values indicate no fish weighed or measured. Blank standard errors indicate fish weighed or measured on only one survey day.

Species Year	Area					
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	Coastwide
Atlantic croaker						
1982-83		0.35	0.53 \pm 0.04	0.21		0.35 \pm 0.09
1983-84		0.17	0.27			0.21
1984-85			0.38 \pm 0.03	0.57		0.41 \pm 0.03
1985-86			0.15			0.15
1986-87		0.28			0.28	0.28
1987-88	0.10	0.27	0.13			0.25
1988-89	0.12		0.36			0.20
1989-90		0.15		0.07		0.09
1990-91						
1991-92		0.19				0.19
1992-93						
1993-94						
1994-95		0.25	0.73			0.49
1995-96						
1996-97						
1997-98	0.16					0.16
1998-99	0.17	0.32 \pm <0.01				0.24 \pm <0.01
1999-2000		0.36	0.28	0.71		0.57
2000-01				0.47	1.72	0.88
2001-02		0.16		0.28		0.18
2002-03		0.10				0.10
Atlantic sharpnose shark						
1982-83 *						
1983-84		5.40	5.77	5.39 \pm 0.17		5.42 \pm 0.09
1984-85		6.46 \pm 0.09	3.15	8.70	7.74	6.92 \pm 0.01
1985-86		6.20	5.66 \pm 0.35	6.11 \pm 0.37		5.94 \pm 0.21
1986-87		5.09	7.15 \pm 0.07	5.76 \pm 0.66	7.73	6.12 \pm 0.30
1987-88	5.85	5.74	3.42 \pm 0.54	6.78 \pm 0.43		5.45 \pm 0.23
1988-89	2.87		4.41 \pm 0.76	6.82 \pm 0.25		5.05 \pm 0.33
1989-90	6.18		5.71 \pm 0.01	6.84 \pm 0.31	8.10	6.46 \pm 0.18
1990-91		7.09	4.58 \pm 0.35	5.51		4.80 \pm 0.35
1991-92		7.14	5.80 \pm 0.46	2.69		4.56 \pm 0.27
1992-93	2.65	4.65 \pm 0.11	5.23 \pm 0.81	7.63 \pm 0.58	2.77	5.55 \pm 0.42
1993-94	26.37		2.80 \pm 1.99	7.23 \pm 2.84		7.96 \pm 1.65
1994-95		6.00	3.97 \pm 1.36	8.60	3.69	4.48 \pm 0.98
1995-96	4.41 \pm 1.46	6.66 \pm 0.53		7.10 \pm 0.43		6.10 \pm 0.47
1996-97	5.49 \pm 0.61	6.98 \pm 0.30	6.97 \pm 0.95	5.91	5.44	6.28 \pm 0.29
1997-98	8.74 \pm 1.91	6.97 \pm 0.65	4.91	6.87 \pm 0.66		8.17 \pm 1.44
1998-99	3.90 \pm 0.82	6.86 \pm 0.60	6.19 \pm 0.07	6.87 \pm 0.18		5.97 \pm 0.26
1999-2000	6.24 \pm 0.07	6.19 \pm 0.09	6.82 \pm 0.63	6.00 \pm 0.56	8.38	6.27 \pm 0.18

Table F.6. (Cont'd.)

Species Year	Area						Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Atlantic sharpnose shark							
2000-01	5.62 ± 0.62	5.60 ± 0.84	7.47 ± 0.23	7.46 ± 0.30			6.39 ± 0.34
2001-02	5.63 ± 1.36	4.93 ± 0.12	6.07 ± 0.45	8.08 ± 1.59	7.71		6.16 ± 0.45
2002-03		8.83 ± 0.84	5.86	7.85	6.70		8.38 ± 0.84
Atlantic spadefish							
1982-83 *		0.74					0.74
1983-84			1.48 ± 0.02	1.42 ± 0.09			1.46 ± 0.04
1984-85		1.20 ± 0.07	1.47 ± 0.14				1.35 ± 0.06
1985-86		1.28 ± 0.54	1.63 ± 0.09	0.94			1.27 ± 0.14
1986-87		1.23 ± 0.09	2.19	1.65			1.11 ± 0.09
1987-88	0.92 ± 0.12	1.33	1.32 ± 0.01	1.41			1.16 ± 0.01
1988-89	0.76	1.78 ± 0.48	0.87 ± 0.03	0.97			1.12 ± 0.30
1989-90	0.84	1.15	0.86 ± 0.15	1.19 ± 0.08			0.96 ± 0.12
1990-91	1.12	0.78 ± <.01		1.54			0.84 ± <.01
1991-92	1.42		1.53 ± 0.04	1.02	0.91		1.49 ± 0.04
1992-93	1.51	1.05	1.81 ± 0.18	1.07 ± 0.17	1.04		1.22 ± 0.04
1993-94	1.01		1.77 ± 0.02	1.08 ± 0.02			1.25 ± 0.16
1994-95	1.20 ± 0.05	1.27 ± 0.32	2.06 ± 0.12	1.47			1.58 ± 0.03
1995-96	1.15 ± 0.02	1.56 ± 0.03	2.08 ± 0.06	1.12 ± <.01			1.43 ± 0.08
1996-97	1.30 ± 0.12	1.74 ± 0.12		2.31			1.74 ± 0.08
1997-98	1.44 ± 0.15	1.79 ± 0.09		1.59 ± 0.31			1.14 ± 0.08
1998-99	0.94 ± 0.10	1.49 ± 0.07		1.10			2.01 ± 0.24
1999-2000	0.95 ± 0.06	1.34 ± 0.14	3.01 ± 0.50	1.38 ± 0.08	2.87		1.49 ± 0.07
2000-01	0.99 ± 0.05	1.09 ± 0.40	2.55 ± 0.12	1.08			1.28 ± 0.15
2001-02	1.16 ± 0.06	1.28 ± 0.16	2.06	2.55			1.37 ± 0.02
2002-03	1.60 ± 0.09	1.12 ± 0.02	2.17 ± 0.05				
Black drum							
1982-83 *							1.94
1983-84		1.57	2.07				2.31
1984-85			2.31				
1985-86		1.86	3.78 ± 0.35	2.82			3.59 ± 0.35
1986-87			2.50 ± 0.33				2.50 ± 0.33
1987-88		1.08	4.36 ± 1.41				2.35 ± 0.35
1988-89	1.51	3.11	10.85				6.21
1989-90	2.38		1.70				2.04
1990-91	2.37	4.61	3.53 ± 0.41		2.49		3.03 ± 0.41
1991-92	1.84		2.21				2.23
1992-93	2.23		2.50				2.37
1993-94	2.47	1.36	1.72	3.96			1.98
1994-95		2.81	3.65 ± 0.47				3.51 ± 0.47
1995-96	2.17	0.90					2.07
1996-97	1.43 ± 0.03	1.54	3.01 ± 0.14				2.08 ± 0.06

Table F.6. (Cont'd.)

Species Year	Area						Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Black drum (Cont'd.)							
1997-98	2.91 ± 0.78	1.66	2.62	2.79		2.68 ± 0.78	
1998-99	2.62 ± 0.05	2.53 ± 0.31	2.08 ± 0.67			2.43 ± 0.21	
1999-2000	2.09 ± 0.44	3.13 ± 0.25	2.36			2.75 ± 0.22	
2000-01	2.26	6.83 ± 4.05				3.56 ± 4.05	
2001-02	1.44	2.21	2.91			2.18	
2002-03	1.74	2.53 ± 0.23	2.48 ± 0.10	1.68		2.24 ± 0.07	
Blacktip shark							
1982-83 *						31.20	
1983-84		5.67		31.20		9.22	
1984-85		6.21	31.52	9.81		9.02	
1985-86		23.32	3.31 ± 0.49			4.36 ± 0.49	
1986-87			7.13 ± 0.21	25.48 ± 11.06		6.60 ± 0.88	
1987-88	3.34		3.27 ± 0.91			3.27 ± 0.91	
1988-89						1.17	
1989-90		12.83		1.17		5.77	
1990-91		8.68 ± 3.13	5.27	2.76	1.72	4.99 ± 0.87	
1991-92		7.80 ± 0.74		3.57 ± 0.20	2.68	7.16 ± 0.74	
1992-93					7.38	8.46	
1993-94	7.03		11.53	7.89		27.43	
1994-95	7.82		47.05			6.98 ± 0.98	
1995-96	6.98 ± 0.98					7.50 ± 1.08	
1996-97	7.73 ± 1.08					10.47 ± 1.43	
1997-98	11.50 ± 2.86	9.85	6.26	3.17	11.24	8.68 ± 1.28	
1998-99	7.22 ± 1.37	13.26 ± 3.44		7.03	11.74	9.23 ± 4.96	
1999-2000	7.79 ± 0.50	4.10 ± 0.53	1.97	10.02		46.76	
2000-01		12.73		24.33 ± 18.56		9.55	
2001-02	7.55	17.58		160.17		10.90 ± 0.21	
2002-03		8.90	14.99	7.31 ± 0.21			
Cobia							
1982-83		10.67	5.14 ± 1.15	8.70 ± 1.58	5.38	5.28 ± 0.20	
1983-84		13.37 ± 2.94	9.53 ± 2.84	12.65 ± 1.24	8.52	11.97 ± 1.76	
1984-85		5.35	14.47 ± 2.84	4.17	5.45	12.28 ± 2.84	
1985-86		7.75 ± 0.21	9.00 ± 0.35	6.97 ± 0.77	7.17	7.99 ± 0.29	
1986-87		6.49	11.72 ± 4.52	5.85		9.60 ± 4.52	
1987-88	3.56 ± 1.54	10.04	9.35 ± 1.54	9.10 ± 1.45		6.03 ± 0.98	
1988-89	4.04	11.68	7.32 ± 1.39	5.62	7.13	7.24 ± 1.39	
1989-90	4.20	9.59	8.61 ± 0.39	8.80 ± 1.77		7.67 ± 1.03	
1990-91	7.14	20.05	12.76 ± 2.16	15.54		14.23 ± 2.16	
1991-92	7.82	3.80 ± 0.10	4.76	9.36 ± 0.97	6.22	5.66 ± 0.33	
1992-93	8.33	12.66	6.01	17.16 ± 2.93		11.76 ± 2.93	
1993-94	6.83 ± 0.99	6.24	8.04 ± 0.57			6.98 ± 0.62	

Table F.6. (Cont'd.)

Species Year	Area					Lower Laguna Madre	Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi			
Cobia (Cont'd.)							
1994-95	9.89 ± 0.66	7.95	10.44 ± 1.67	6.39 ± 0.10		8.97 ± 0.86	
1995-96	8.76 ± 1.66	10.28 ± 1.47	7.84 ± 1.00	9.49 ± 1.70		9.03 ± 0.90	
1996-97	12.61 ± 1.21	9.49 ± 0.84	7.80	8.94 ± 1.86	7.09 ± 0.36	11.02 ± 0.81	
1997-98	13.60 ± 2.59	8.51 ± 0.17	8.67 ± 0.96	9.91 ± 1.25		11.14 ± 1.17	
1998-99	9.63 ± 1.49	10.88 ± 0.85	10.19 ± 1.26	8.15 ± 0.78	11.46	9.83 ± 0.52	
1999-2000	11.16 ± 0.44	7.91 ± 0.50	6.79 ± 2.07	10.23 ± 0.80	10.67	9.12 ± 0.51	
2000-01	2.08 ± 0.31	11.18 ± 2.43	8.68 ± 0.43	8.99	7.15 ± 0.35	8.49 ± 0.48	
2001-02	12.51 ± 5.53	9.85 ± 1.11	7.74 ± 0.44	9.05 ± 0.24		9.11 ± 0.61	
2002-03	6.71 ± 2.51	7.07 ± 1.80	8.41 ± 0.88	8.49		7.96 ± 0.82	
Dolphin							
1982-83 ^a							
1983-84		0.55	0.58 ± 0.07	1.18 ± 0.14	2.14	0.74 ± 0.04	
1984-85		4.01	1.34 ± 0.43	1.00 ± 0.10	1.81 ± 0.31	1.22 ± 0.14	
1985-86		0.73 ± 0.18	0.58 ± 0.10	0.57 ± 0.12		0.62 ± 0.08	
1986-87		1.21 ± 0.08	0.80 ± 0.10	1.32 ± 0.22	1.98 ± 0.13	1.13 ± 0.10	
1987-88	1.41	1.03 ± 0.14	1.04 ± 0.13	1.11 ± 0.23	2.29	1.06 ± 0.10	
1988-89			0.96 ± 0.22	0.74 ± 0.03		0.83 ± 0.09	
1989-90		1.26 ± 0.06	0.77 ± 0.42	0.93 ± 0.17	0.69	1.14 ± 0.06	
1990-91		0.80 ± 0.02	1.01 ± 0.37	2.18 ± 1.06	0.77	1.05 ± 0.18	
1991-92	1.11	0.89 ± 0.01	0.94 ± 0.27	0.95 ± 0.19	2.57 ± 0.12	0.99 ± 0.06	
1992-93		1.22	2.15	0.93 ± 0.15	2.95 ± 0.45	1.13 ± 0.14	
1993-94	0.55	1.36	1.31 ± 0.45	1.63 ± 0.30	0.77	1.39 ± 0.06	
1994-95	3.87	0.67 ± 0.12	2.17 ± 0.89	1.64 ± 0.41	0.92	3.47 ± 0.25	
1995-96	0.59	2.16 ± 0.87	0.83 ± <.01	1.76 ± 0.05		1.31 ± 0.05	
1996-97	1.16 ± 0.23	1.38 ± 0.06	2.57 ± 0.47	2.56 ± 0.43	0.82	1.48 ± 0.06	
1997-98	1.81 ± 0.19	2.10 ± 0.59	1.83 ± 0.71	1.50 ± 0.22		1.62 ± 0.23	
1998-99	2.77	1.53 ± 0.18	2.01	2.93 ± 0.55	3.50	2.23 ± 0.27	
1999-2000	1.63 ± 0.58	1.71 ± 0.20	0.90 ± 0.14	2.39 ± 0.36	10.17 ± 3.77	1.71 ± 0.14	
2000-01		2.79 ± 0.06	2.17 ± 0.36	1.92 ± 0.27	0.79	2.34 ± 0.10	
2001-02		1.17 ± 0.49	1.43 ± 0.20	0.71 ± 0.08	4.72	1.71 ± 0.09	
2002-03	0.57	2.28 ± 0.73	1.89 ± 0.21	5.30 ± 2.40	1.22 ± 0.14	1.95 ± 0.25	
Gray triggerfish							
1982-83 ^a							
1983-84			0.42 ± 0.02	0.52 ± 0.17		0.45 ± 0.04	
1984-85			0.40 ± 0.10	0.50 ± 0.01	0.31	0.34 ± 0.10	
1985-86		0.53	0.25 ± 0.01	0.27	0.57	0.48 ± 0.01	
1986-87			0.36 ± 0.04			0.35 ± 0.04	
1987-88	0.62 ± 0.03	0.64 ± 0.02	0.44 ± 0.04	0.61 ± 0.02	1.06	0.62 ± 0.02	
1988-89	0.44 ± 0.03	0.55 ± 0.17	0.43 ± 0.01	0.38 ± 0.03		0.45 ± 0.02	
1989-90	0.52	0.50 ± 0.01	0.44 ± 0.09	0.27	0.30	0.45 ± 0.02	
1990-91		0.53	0.51 ± 0.05	0.61 ± 0.09		0.52 ± 0.03	

Table F.6. (Cont'd.)

Species Year	Area					
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	Coastwide
Gray triggerfish (Cont'd.)						
1991-92	0.51	0.72 ± 0.04	0.80 ± 0.02	0.58		0.68 ± 0.01
1992-93	0.48	0.40	0.68 ± 0.08	0.34 ± 0.04	0.56	0.58 ± 0.06
1993-94	0.70 ± 0.02	0.75	0.68 ± 0.04	0.55 ± 0.02		0.68 ± 0.02
1994-95	0.58 ± 0.11	0.43 ± 0.04	0.74 ± 0.03	0.64 ± 0.02	0.69 ± 0.01	0.67 ± 0.02
1995-96	0.54 ± 0.05	0.57 ± 0.07	0.68 ± 0.03	0.67 ± 0.07	0.73	0.63 ± 0.03
1996-97	0.56 ± 0.10	0.62 ± 0.07	0.63 ± 0.03	0.54 ± 0.06	0.81	0.60 ± 0.03
1997-98	0.58 ± 0.02	0.47 ± 0.05	0.84 ± 0.06	0.59 ± 0.03	0.37	0.62 ± 0.02
1998-99	0.39	0.58 ± 0.03	0.67 ± 0.03	0.60 ± 0.02	0.57	0.61 ± 0.01
1999-2000	0.39	0.74 ± 0.09	0.86 ± 0.11	0.84	0.60	0.66 ± 0.07
2000-01	0.51 ± 0.06	0.50 ± 0.02	0.70 ± 0.02	0.61 ± <0.01	0.41 ± 0.07	0.62 ± 0.01
2001-02	0.73 ± 0.07	0.73 ± 0.04	0.67 ± 0.03	0.87 ± 0.16	0.85	0.68 ± 0.02
2002-03	0.72 ± 0.16	0.70 ± 0.06	0.73 ± 0.04			0.73 ± 0.03
Greater amberjack						
1982-83 ^a						
1983-84			11.48 ± 0.73			11.48 ± 0.73
1984-85			4.42 ± 0.45	1.99 ± 0.25		3.55 ± 0.29
1985-86		2.42 ± 0.22	1.80 ± 0.96	1.10 ± 0.29		1.57 ± 0.36
1986-87			3.31 ± 0.02	8.80 ± 1.08		3.78 ± 0.09
1987-88	3.75		4.59 ± 0.69			4.42 ± 0.69
1988-89			3.28 ± 0.37		0.51	3.09 ± 0.37
1989-90		0.42	0.81 ± 0.39	1.58 ± 0.91		0.95 ± 0.38
1990-91		0.73	3.16 ± 3.36			2.68 ± 3.36
1991-92	0.50	4.81	5.31 ± 0.80	1.41 ± 1.46		2.93 ± 0.94
1992-93	8.74	17.02	3.05 ± 1.18			8.24 ± 0.27
1993-94			10.87 ± 1.88			3.05 ± 1.18
1994-95			8.05 ± 1.72	0.99 ± 0.08	6.35	8.32 ± 1.47
1995-96	5.71	5.43	8.05 ± 1.72			6.89 ± 0.96
1996-97	6.88 ± 0.41	3.54 ± 1.49	6.04 ± 0.50	8.60	10.87	6.92 ± 0.30
1997-98	4.16	2.91 ± 1.59	5.06 ± 1.08	8.02 ± 0.06		5.29 ± 0.75
1998-99		7.13 ± 3.48	7.35 ± 0.78	7.55		7.34 ± 1.14
1999-2000	7.12	5.09	6.00	7.47		6.41
2000-01		2.62	11.25	11.70 ± 4.77	9.89	9.73 ± 4.77
2001-02		5.45 ± 0.37	5.93 ± 0.20	17.71		7.69 ± 0.30
2002-03	7.52	8.66 ± 0.28	6.32 ± 0.27	6.12	24.04	7.37 ± 0.22
King mackerel						
1982-83			5.70 ± 0.28	5.60 ± 0.18		5.57 ± 0.27
1983-84		6.13 ± 0.52	5.77 ± 0.28	5.56 ± 0.76	3.40 ± 0.32	5.43 ± 0.40
1984-85		3.94 ± 0.70	4.64 ± 0.58	4.05 ± 0.12	4.05 ± 1.03	4.24 ± 0.20
1985-86		4.50 ± 0.59	4.76 ± 0.27	5.12 ± 0.61	3.95 ± 0.63	4.87 ± 0.27
1986-87		4.71 ± 0.60	4.74 ± 0.11	4.62 ± 0.31	4.40 ± 1.37	4.87 ± 0.15
1987-88	2.46 ± 0.74	4.74 ± 0.11	6.34 ± 0.51	4.25 ± 0.47	4.45	5.12 ± 0.15
		4.42 ± 0.06	5.29 ± 0.39			4.72 ± 0.25

Table F.6. (Cont'd.)

Species Year	Area					Lower Laguna Madre	Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
King mackerel (Cont'd.)							
1988-89		4.73 ± 0.88	5.12 ± 0.70	4.97 ± 0.62	5.22 ± 2.93	5.04 ± 0.47	
1989-90		4.59 ± 0.56	5.67 ± 0.37	4.51 ± 0.25	3.91 ± 0.27	4.60 ± 0.20	
1990-91		4.02 ± 0.06	5.03 ± 0.41	4.44 ± 0.35	5.28 ± 0.68	4.44 ± 0.20	
1991-92	3.40	3.91 ± 0.07	4.46 ± 0.35	4.16 ± 0.19	6.63	4.10 ± 0.10	
1992-93	2.06 ± 0.03	5.03 ± 0.19	4.54 ± 0.35	3.99 ± 0.26	5.12 ± 0.68	4.40 ± 0.18	
1993-94	5.63 ± 0.41	4.24	3.98 ± 0.22	4.47 ± 0.26	3.82	4.37 ± 0.14	
1994-95	4.90 ± 1.13	4.03 ± 0.14	4.23 ± 0.41	4.27 ± 0.18	4.53 ± 0.11	4.21 ± 0.11	
1995-96	6.01 ± 0.26	4.60 ± 0.11	4.41 ± 0.23	4.59 ± 0.11	3.90 ± 0.03	4.69 ± 0.08	
1996-97	4.66 ± 0.25	4.39 ± 0.25	4.10 ± 0.17	4.42 ± 0.22	5.76 ± 0.31	4.44 ± 0.12	
1997-98	5.26 ± 0.38	4.73 ± 0.35	4.52 ± 0.29	4.62 ± 0.18	5.77	4.75 ± 0.14	
1998-99	5.22 ± 0.49	4.19 ± 0.28	4.94 ± 0.32	4.50 ± 0.14	5.97 ± 0.28	4.57 ± 0.13	
1999-2000	4.60 ± 0.27	4.53 ± 0.19	4.46 ± 0.24	4.63 ± 0.19	4.98 ± 0.30	4.57 ± 0.11	
2000-01	4.46 ± 1.32	4.50 ± 0.13	3.86 ± 0.20	4.73 ± 0.20	4.75 ± 1.21	4.45 ± 0.14	
2001-02	5.71 ± 0.03	4.90 ± 0.11	5.29 ± 0.42	4.85 ± 0.29		5.04 ± 0.12	
2002-03	4.31 ± 0.33	4.29 ± 0.17	4.64 ± 0.21	4.27 ± 0.19	5.19 ± 0.24	4.41 ± 0.10	
Lane snapper							
1982-83 ^a			0.76	0.52		0.50	
1983-84		0.40	0.46 ± 0.15	0.25		0.44 ± 0.15	
1984-85		0.55	0.57 ± 0.10			0.57 ± 0.10	
1985-86			0.22 ± 0.01	0.18		0.20 ± 0.01	
1986-87		0.19	0.27 ± 0.01	0.12		0.26 ± 0.01	
1987-88		0.35	0.52 ± 0.20			0.45 ± 0.20	
1988-89		0.41	0.99			0.44	
1989-90	0.32	0.30	0.41 ± 0.01			0.34 ± 0.01	
1990-91		0.60	1.12	1.16		1.08	
1991-92			0.54	0.86		0.40	
1992-93		0.36	0.66 ± 0.01			0.43 ± 0.01	
1993-94		0.87	0.73 ± 0.14	0.32		0.70 ± 0.14	
1994-95		0.64 ± 0.19	0.44 ± 0.02	0.67 ± 0.05		0.57 ± 0.04	
1995-96	0.64	1.05 ± 0.06	0.79 ± 0.05	1.24 ± 0.13		0.99 ± 0.04	
1996-97		0.87	0.68 ± 0.09			0.78 ± 0.04	
1997-98		0.63 ± 0.06	1.01 ± 0.06	1.21 ± 0.02	0.96	0.94 ± 0.04	
1998-99		0.27	0.80 ± 0.06	0.66 ± 0.05	0.97	0.72 ± 0.04	
1999-2000		0.73	0.75 ± 0.08	0.92 ± 0.16	1.24 ± 0.64	0.81 ± 0.06	
2000-01		0.48 ± 0.10	0.76 ± 0.08	0.86 ± 0.21	1.77	0.65 ± 0.07	
2001-02	0.42	0.32 ± 0.07	0.78 ± 0.06	0.93 ± 0.03	1.41 ± 0.04	0.57 ± 0.04	
2002-03	0.68						
Little tunny							
1982-83 ^a			1.14	2.86 ± 0.02		2.76 ± 0.02	
1983-84		2.95		2.74 ± 0.18		2.93 ± 0.16	
1984-85		4.81	2.88		3.00 ± 0.25		

Table F.6. (Cont'd.)

Species Year	Area						Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Little tunny (Cont'd.)							
1985-86		2.89 ± 0.12	2.42 ± 0.09	3.05 ± 0.13	3.79 ± 0.06		3.15 ± 0.04
1986-87		3.52 ± 0.08	3.09	2.82			3.31 ± 0.08
1987-88	3.77	3.12 ± 0.24	2.82 ± 0.09	2.79 ± 0.39			2.99 ± 0.10
1988-89	4.41		4.29 ± 0.67	2.07 ± 0.25			2.63 ± 0.25
1989-90							
1990-91		3.88		2.87 ± 0.68	3.62		3.40 ± 0.68
1991-92	5.73	3.09	3.49	1.90	2.14		2.78
1992-93	2.95	3.62 ± 0.18		1.20	2.95 ± 0.12		
1993-94							
1994-95				3.69 ± 1.10			2.84 ± 0.10
1995-96	3.02 ± 0.19	2.42 ± 0.42		2.62 ± 0.24			3.69 ± 1.10
1996-97	3.66 ± 0.20	3.08 ± 0.19	1.55	2.40 ± 0.08			2.62 ± 0.24
1997-98	2.09 ± 0.33			2.60 ± 0.18	2.12		2.51 ± 0.32
1998-99	3.42 ± 0.41	4.54 ± 0.54		3.12 ± 0.64	2.30		2.50 ± 0.12
1999-2000		3.42 ± 0.25	2.37	2.74 ± 0.12			2.26 ± 0.29
2000-01	3.19 ± 0.03	3.49 ± 0.14	3.44	3.28 ± 0.54			3.40 ± 0.20
2001-02		3.41 ± 0.14	2.95	4.04			3.24 ± 0.25
2002-03		2.58 ± 0.13	4.21 ± 0.25		2.79		3.46 ± 0.09
					2.18 ± 0.31		3.17 ± 0.14
							2.72 ± 0.11
Red drum							
1982-83			3.15				3.15
1983-84			1.69 ± 0.38				1.69 ± 0.38
1984-85			2.41 ± 0.31				2.41 ± 0.31
1985-86		2.61	1.80 ± 0.05				2.15 ± 0.02
1986-87		3.18	2.78 ± 0.43				2.87 ± 0.43
1987-88	2.56	3.12 ± 0.01	2.66 ± 0.38				2.87 ± 0.19
1988-89	1.64		2.94				2.56
1989-90	2.74				2.91		2.74
1990-91			2.76				2.76
1991-92	4.46						4.46
1992-93	2.22						2.22
1993-94	3.21						3.11
1994-95	3.84		2.86				3.27 ± 0.21
1995-96	3.38 ± 0.90	2.88 ± 0.36	3.13 ± 0.23				3.75 ± 1.92
1996-97	5.17 ± 1.48	5.06 ± 2.84	2.37				4.76 ± 0.57
1997-98	3.86 ± 0.23	2.91	3.38 ± 0.35	12.30			3.55 ± 0.12
1998-99	3.17 ± 0.56	1.80	2.95 ± 0.14	8.23			3.67 ± 0.15
1999-2000	3.97 ± 0.49	4.36 ± 0.34	3.60 ± 0.18	2.43 ± 0.49			3.43 ± 0.29
2000-01	3.39	4.08	2.50	3.45 ± 0.35			3.38
2001-02	7.36 ± 1.67	3.73	3.38	2.64			4.14 ± 0.47
2002-03	3.32	5.47 ± 1.62	2.80 ± 0.18	3.17			3.50 ± 0.26
		2.19 ± 0.27	4.14 ± 0.54	2.89 ± 0.70			

Table F.6. (Cont'd.)

Species Year	Area						Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Red snapper							
1982-83		0.49 ± 0.07	0.62 ± 0.06	0.53 ± 0.06	0.91 ± 0.53	0.64 ± 0.07	
1983-84		0.39 ± 0.02	0.85 ± 0.16	0.56 ± 0.10	0.66 ± 0.08	0.72 ± 0.08	
1984-85		0.52	0.90 ± 0.16	0.98 ± 0.28	0.73 ± 0.09	0.89 ± 0.13	
1985-86		1.10 ± 0.47	0.50 ± 0.02	0.68 ± 0.07	0.99 ± 0.01	0.81 ± 0.20	
1986-87		0.41 ± <.01	0.63 ± 0.07	0.56 ± 0.10	0.92 ± 0.08	0.67 ± 0.04	
1987-88	0.75 ± 0.18	0.58 ± 0.03	1.28 ± 0.26	0.75 ± 0.05	0.56 ± 0.01	0.89 ± 0.11	
1988-89	0.56 ± 0.07	0.87 ± 0.21	0.92 ± 0.18	0.67 ± 0.12	0.53 ± 0.01	0.80 ± 0.10	
1989-90	1.04 ± 0.04	0.53 ± 0.08	0.82 ± 0.15	0.59 ± 0.07	0.58 ± 0.02	0.80 ± 0.07	
1990-91	0.90 ± 0.25	0.83 ± 0.10	0.82 ± 0.01	0.54 ± 0.09	0.74 ± 0.06	0.77 ± 0.04	
1991-92	0.77 ± 0.06	0.77 ± 0.09	1.30 ± 0.05	0.85 ± 0.10	1.25 ± 0.05	0.95 ± 0.04	
1992-93	1.23 ± 0.01	1.01 ± 0.21	0.99 ± 0.07	1.18 ± 0.13	1.61 ± 0.23	1.17 ± 0.06	
1993-94	1.63 ± 0.26	1.11 ± 0.18	1.32 ± 0.10	0.75 ± 0.08	1.09 ± 0.32	1.30 ± 0.08	
1994-95	1.30 ± 0.14	0.88 ± 0.04	1.20 ± 0.10	1.28 ± 0.10	1.59 ± 0.30	1.22 ± 0.06	
1995-96	1.70 ± 0.16	1.29 ± 0.05	1.59 ± 0.13	1.24 ± 0.11	1.67 ± 0.07	1.54 ± 0.07	
1996-97	1.63 ± 0.08	1.31 ± 0.11	1.62 ± 0.09	1.48 ± 0.11	1.74 ± 0.09	1.59 ± 0.05	
1997-98	1.86 ± 0.10	1.19 ± 0.06	1.65 ± 0.09	2.20 ± 0.35	2.28	1.72 ± 0.06	
1998-99	1.96 ± 0.13	1.88 ± 0.19	2.11 ± 0.24	1.16 ± 0.11	1.62 ± 0.21	1.88 ± 0.09	
1999-2000	1.98 ± 0.17	1.85 ± 0.24	1.26 ± 0.11	1.87 ± 0.33	1.55 ± 0.08	1.63 ± 0.08	
2000-01	1.56 ± 0.13	1.33 ± 0.18	1.62 ± 0.15	1.16 ± 0.17	1.48 ± 0.15	1.47 ± 0.07	
2001-02	1.73 ± 0.15	1.51 ± 0.33	1.55 ± 0.10	1.01 ± 0.04	2.01 ± 0.13	1.56 ± 0.09	
2002-03	1.52 ± 0.08	1.47 ± 0.11	1.55 ± 0.09	1.77 ± 0.20	2.40 ± 0.23	1.68 ± 0.06	
Sand seatrout							
1982-83			0.41 ± 0.03	0.25 ± 0.10		0.41	
1983-84		0.38	0.39 ± 0.04			0.39 ± 0.04	
1984-85		0.24 ± 0.04	0.50 ± 0.02	0.40		0.49 ± 0.01	
1985-86		0.37	0.49 ± 0.04			0.47 ± 0.04	
1986-87		0.23	0.36 ± 0.04			0.31 ± 0.03	
1987-88		0.35 ± 0.05	0.41 ± 0.01			0.36 ± 0.03	
1988-89		0.22	0.45 ± 0.06			0.43 ± 0.06	
1989-90		0.13	0.17	0.36		0.22	
1990-91	0.32	0.32	0.37 ± 0.03	0.32 ± 0.05		0.35 ± 0.02	
1991-92	0.38	0.68	0.48	0.64		0.39	
1992-93	0.46		0.42	1.68		0.67	
1993-94	0.43 ± <.01	0.38	0.37			0.40 ± <.01	
1994-95	0.46 ± 0.01	0.29	0.39 ± <.01	0.32		0.41 ± 0.01	
1995-96	0.48 ± <.01	0.40 ± 0.06	0.43			0.44 ± 0.03	
1996-97	0.51 ± 0.03	0.36	0.55	0.68		0.53 ± 0.01	
1997-98	0.37 ± 0.14					0.37 ± 0.14	
1998-99	0.22	0.34	0.32 ± 0.04			0.25 ± 0.01	
1999-2000	0.44	0.41 ± <.01	0.39 ± 0.02		0.20	0.39 ± 0.01	
2000-01	0.43 ± 0.03	0.32 ± 0.02	0.47			0.43 ± 0.02	

Table F.6. (Cont'd.)

Species Year	Area						Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Sand seatrout (Cont'd.)							
2001-02	0.26	0.23	0.53	1.10		0.29 ± 0.01	
2002-03		0.35 ± 0.06	0.27 ± 0.01				
Spanish mackerel							
1982-83		0.95 ± 0.03	1.46 ± 0.14	0.31		1.03 ± 0.14	
1983-84		1.37 ± 0.35	1.28 ± 0.17	1.25 ± 0.31	1.46	1.30 ± 0.16	
1984-85		1.17 ± 0.02	0.72 ± 0.11	0.92 ± 0.06	0.59	0.94 ± 0.04	
1985-86		1.09 ± 0.09	1.00 ± 0.08	1.10 ± 0.26	1.38 ± 0.20	1.10 ± 0.08	
1986-87		0.92 ± 0.14	2.15	1.40		0.98 ± 0.14	
1987-88	0.85 ± 0.15	0.92 ± 0.13	1.40 ± 0.06	0.58		0.98 ± 0.09	
1988-89	1.45		0.90 ± 0.15	1.81		1.01 ± 0.15	
1989-90	0.84	1.07	1.35 ± 0.18			0.79 ± 0.05	
1990-91	1.05 ± 0.10	1.22 ± 0.16	1.93	0.51 ± 0.09	1.11	0.97 ± 0.06	
1991-92	1.31 ± 0.10	1.08 ± 0.18	0.98 ± 0.02	1.12 ± 0.11	1.45	1.15 ± 0.09	
1992-93		1.48	1.68 ± 0.24	1.42 ± 0.04	1.30	1.56 ± 0.15	
1993-94	1.09	1.35	1.22 ± 0.17	1.63 ± 0.29		1.32 ± 0.18	
1994-95	1.46 ± 0.01	0.83 ± 0.15	1.36 ± 0.17	1.24 ± 0.07		1.22 ± 0.04	
1995-96	1.39 ± 0.15	2.13 ± 0.36	1.29 ± 0.06	1.03 ± 0.11		1.63 ± 0.16	
1996-97	1.12 ± 0.03	1.37 ± 0.21	1.66 ± 0.38	1.09 ± 0.09		1.27 ± 0.09	
1997-98	1.11 ± 0.17	1.40 ± 0.08	1.48	2.05 ± 0.21		1.21 ± 0.14	
1998-99	1.15 ± 0.03	1.27 ± 0.08	2.22 ± 0.55	0.88 ± 0.19		1.29 ± 0.06	
1999-2000	1.12 ± 0.01	1.27 ± 0.06	2.03 ± 0.14	1.21 ± 0.05		1.36 ± 0.10	
2000-01	1.17 ± 0.11	1.39 ± 0.13	1.67	1.67		1.09 ± 0.05	
2001-02	0.84 ± 0.07	1.56 ± <01	0.96 ± 0.15	1.15 ± 0.07		1.04 ± 0.06	
2002-03	1.03 ± 0.03	1.21 ± 0.08					
Spotted seatrout							
1982-83		1.05	0.29			0.46	
1983-84			0.60			0.60	
1984-85			1.73			1.73	
1985-86		1.03	1.10 ± 0.22	0.51		0.98 ± 0.22	
1986-87		1.35	0.80			1.28	
1987-88			0.50			0.52	
1988-89	0.52	0.96	0.78		0.55	0.92	
1989-90	1.05						
1990-91							
1991-92		0.98				0.98	
1992-93	0.70		0.83			0.82	
1993-94	0.92		0.75			0.88	
1994-95			0.88 ± 0.10			0.86 ± 0.08	
1995-96	1.00 ± 0.05	0.78				0.99 ± 0.05	
1996-97	1.00 ± 0.06	0.71				0.98 ± 0.06	
1997-98	1.11 ± 0.18		0.74			1.11 ± 0.18	

Table F.6. (Cont'd.)

Species Year	Area						Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Spotted seatrout (Cont'd.)							
1998-99	0.47	0.47	1.00				0.65
1999-2000	0.92	0.94	0.93 ± 0.09				0.93 ± 0.05
2000-01	1.30 ± 0.18	0.70					1.23 ± 0.18
2001-02	1.81			0.53			1.54
2002-03			0.96 ± 0.08				0.96 ± 0.08
Vermilion snapper							
1982-83 ^a							
1983-84				0.24			0.24
1984-85				0.36			0.36
1985-86							
1986-87							
1987-88				0.37			0.38 ± 0.03
1988-89			0.52 ± 0.30	0.18			0.28 ± 0.03
1989-90			0.29 ± 0.03				
1990-91			0.26				0.18
1991-92							
1992-93							
1993-94		0.42	0.32	0.66	0.68		0.56
1994-95			0.49	0.92			0.43
1995-96			0.55 ± 0.02	0.54			0.55 ± 0.02
1996-97		0.53 ± 0.01	0.64 ± <.01	0.42 ± 0.03			0.51 ± 0.01
1997-98			0.90 ± 0.23	0.48 ± 0.04			0.63 ± <.01
1998-99		0.57	1.07 ± 0.08	0.38			0.77 ± 0.23
1999-2000			0.77 ± 0.04	0.73 ± 0.06	0.64		0.82 ± 0.05
2000-01		0.44	0.83 ± 0.29	0.33 ± 0.01	0.38		0.50 ± 0.02
2001-02		0.44 ± 0.02	0.90	0.82 ± 0.06	0.85		0.66 ± 0.21
2002-03		0.46 ± 0.01	0.62 ± 0.06	0.32	0.60		0.47 ± 0.02
All species combined^b							
1982-83							
1983-84		0.95 ± 0.42	2.36 ± 0.52	2.90 ± 0.60	2.55 ± 1.23		2.17 ± 0.26
1984-85		2.39 ± 0.28	1.50 ± 0.21	3.81 ± 0.64	1.13 ± 0.27		1.87 ± 0.16
1985-86		2.35 ± 0.12	2.13 ± 0.28	2.56 ± 0.20	1.81 ± 0.38		2.25 ± 0.16
1986-87		2.32 ± 0.33	2.03 ± 0.35	3.23 ± 0.32	2.23 ± 0.53		2.36 ± 0.20
1987-88		2.94 ± 0.50	2.05 ± 0.29	2.57 ± 0.62	2.19 ± 1.23		2.37 ± 0.27
1988-89	1.43 ± 0.28	1.83 ± 0.38	2.42 ± 0.28	2.77 ± 0.68	2.04 ± 0.09		2.10 ± 0.18
1989-90	0.90 ± 0.30	1.45 ± 0.23	2.15 ± 0.31	4.47 ± 1.50	1.66 ± 0.66		2.19 ± 0.27
1990-91	1.82 ± 0.03	1.49 ± 0.13	1.69 ± 0.18	2.26 ± 0.38	2.03 ± 0.18		1.80 ± 0.11
1991-92	1.89 ± 0.53	1.80 ± 0.17	1.88 ± 0.40	3.27 ± 0.40	1.02 ± 0.19		2.03 ± 0.16
1992-93	1.10 ± 0.13	2.21 ± 0.20	2.53 ± 0.28	2.88 ± 0.20	2.11 ± 0.15		2.22 ± 0.10
1993-94	1.37 ± 0.38	3.32 ± 0.71	2.21 ± 0.41	2.68 ± 0.43	2.80 ± 0.28		2.26 ± 0.21
1994-95	1.93 ± 0.16	1.92 ± 0.07	1.46 ± 0.08	2.84 ± 0.24	1.39 ± 0.38		1.87 ± 0.06
	1.45 ± 0.14	2.01 ± 0.21	1.98 ± 0.33	2.78 ± 0.29	1.91 ± 0.25		1.88 ± 0.12

Table F.6. (Cont'd.)

Species Year	Area						Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
All species combined ^b (Cont'd.)							
1995-96	2.15 ± 0.13	2.80 ± 0.19	2.18 ± 0.12	3.17 ± 0.39	1.73 ± 0.07	2.43 ± 0.09	
1996-97	2.68 ± 0.14	2.53 ± 0.29	2.30 ± 0.25	3.64 ± 0.21	2.52 ± 0.27	2.65 ± 0.10	
1997-98	2.79 ± 0.33	2.90 ± 0.34	2.26 ± 0.16	4.31 ± 0.34	3.29	2.91 ± 0.16	
1998-99	2.33 ± 0.21	2.96 ± 0.29	2.77 ± 0.23	3.21 ± 0.25	2.51 ± 0.35	2.79 ± 0.12	
1999-2000	2.49 ± 0.23	3.18 ± 0.30	2.25 ± 0.17	4.25 ± 0.36	2.91 ± 0.43	2.98 ± 0.14	
2000-01	1.89 ± 0.18	3.18 ± 0.39	2.19 ± 0.27	3.90 ± 0.89	1.99 ± 0.28	2.75 ± 0.22	
2001-02	2.40 ± 0.25	2.49 ± 0.37	2.27 ± 0.16	2.81 ± 0.54	4.37 ± 1.51	2.53 ± 0.17	
2002-03	2.02 ± 0.26	2.51 ± 0.22	2.41 ± 0.16	3.91 ± 0.55	2.53 ± 0.31	2.54 ± 0.11	

^a Mean weights not available for this species in this year.

^b Includes "other" species.

Table F.7. Composition (%) of "other" species caught by private-boat anglers in the EEZ by year, area, and species (1983-2003). Values represent percentages of the observed coastwide total of "other" species.

Year	Common name	Scientific name	Area					Coastwide ^a
			Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
1983-84	Atlantic bonito	<u>Sarda sarda</u>		1.90				3.42
	Blue runner	<u>Caranx crysos</u>	12.17	4.56		0.76	1.52	18.25
	Bluefish	<u>Pomatomus saltatrix</u>	4.94	0.38			0.76	5.32
	Cero	<u>Scomberomorus regalis</u>		0.38				0.38
	Crevalle jack	<u>Caranx hippos</u>	1.14	2.28				8.75
	Dusky shark	<u>Carcharhinus obscurus</u>						2.66
	Great barracuda	<u>Sphyræna barracuda</u>					0.38	0.76
	Gulf kingfish	<u>Menticirrhus littoralis</u>	0.38	12.55		0.76	0.38	13.69
	Hardhead catfish	<u>Arius felis</u>	0.38					0.38
	Ladyfish	<u>Elops saurus</u>		0.38				0.38
	Mackerel sp.	Family Scombridae				0.76		0.76
	Ocellated flounder	<u>Ancylopsetta quadrocellata</u>	0.38					0.38
	Pigfish	<u>Orthopristis chrysoptera</u>	0.38	0.76		0.76		1.90
	Pinfish	<u>Lagodon rhomboides</u>		1.14		0.76		1.90
	Rainbow runner	<u>Elgatis bispinnulata</u>		1.14		0.38		1.52
	Remora sp.	Family Echeineidae	0.38					0.38
	Requiem shark sp.	Family Carcharhinidae				4.56		4.56
	Rock hind	<u>Epinephelus adscensionis</u>		0.76		1.14		1.90
	Rock sea bass	<u>Centropristis philadelphica</u>				3.42		3.42
	Sailfish	<u>Istiophorus platypterus</u>				1.14		1.14
	Sandbar shark	<u>Carcharhinus plumbeus</u>					0.38	0.38
	Scamp	<u>Mycteroperca phenax</u>		0.38				0.38
	Sea bass sp.	Family Serranidae				0.38		0.38
	Sheepshead	<u>Archosargus probatocephalus</u>	1.14	9.13			0.76	10.27
	Silver seatrout	<u>Cynoscion nothus</u>		2.66				3.42
	Snowy grouper	<u>Epinephelus niveatus</u>				0.38		0.38
	Southern flounder	<u>Paralichthys lethostigma</u>				0.38		0.38
	Southern kingfish	<u>Menticirrhus americanus</u>		5.70				6.08
	Spinner shark	<u>Carcharhinus brevipinna</u>	0.38	1.14		0.38		1.52
	Wahoo	<u>Acanthocybium solandri</u>				0.76		0.76
	Warsaw grouper	<u>Epinephelus nigritus</u>	0.76	3.04			0.38	4.18
1984-85	Atlantic bonito	<u>Sarda sarda</u>		7.85				7.85
	Blackfin tuna	<u>Thunnus atlanticus</u>		0.34			2.39	2.73
	Blue runner	<u>Caranx crysos</u>		2.39		3.41	2.39	8.19
	Bluefish	<u>Pomatomus saltatrix</u>		4.10			0.34	19.11
	Cero	<u>Scomberomorus regalis</u>	14.68	0.34				0.34
	Crevalle jack	<u>Caranx hippos</u>		1.71		3.07		4.78
	Finetooth shark	<u>Carcharhinus isodon</u>		0.34				0.34
	Gag	<u>Mycteroperca microlepis</u>		0.34				0.34
	Great barracuda	<u>Sphyræna barracuda</u>		1.71		0.68	0.34	2.73

Table F.7. (Cont'd.)

Year	Common name	Scientific name	Area					Coastwide ^a
			Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
1984-85 (Cont'd.)								
	Harvestfish	<u>Penilus alepidotus</u>			0.34			0.34
	Ladyfish	<u>Elops saurus</u>			0.34			0.34
	Pigfish	<u>Orthopristis chrysoptera</u>			0.68	1.02		1.71
	Pinfish	<u>Lagodon rhomboides</u>			0.34			0.34
	Pompano dolphin	<u>Coryphaena equisetis</u>			3.75		0.34	4.10
	Rainbow runner	<u>Elagatis bipinnulata</u>			2.39			2.39
	Red hind	<u>Epinephelus guttatus</u>			0.34	0.34		0.34
	Rock hind	<u>Epinephelus adscensionis</u>			0.34	0.34		0.68
	Rock sea bass	<u>Centropristis philadelphica</u>			0.34	0.34		0.34
	Sailfish	<u>Istiophorus platyterus</u>			0.34			0.34
	Scalloped hammerhead	<u>Sphyrna lewini</u>			1.37		0.34	1.37
	Sea bass sp.	Family Serranidae						
	Sheepshead	<u>Archosargus probatocephalus</u>	0.34		19.45		0.68	1.02
	Silver seatrout	<u>Cynoscion nothus</u>	1.02		0.34		11.26	31.74
	Smalltail shark	<u>Carcharhinus porosus</u>			0.34		0.68	0.34
	Southern flounder	<u>Paralichthys lethostigma</u>			0.34	3.41		4.44
	Southern kingfish	<u>Menticirrhus americanus</u>			1.02			1.02
	Southern stingray	<u>Dasyatis americana</u>			0.34			0.34
	Tarpon	<u>Megalops atlanticus</u>				0.34		0.34
	Tomtate	<u>Haemulon aurolineatum</u>				0.34		0.34
	Wahoo	<u>Acanthocybium solandri</u>				0.34		0.34
	Warsaw grouper	<u>Epinephelus nigritus</u>					0.34	0.34
	White marlin	<u>Tetrapturus albidus</u>				0.34		0.34
	Yellowfin tuna	<u>Thunnus albacares</u>				0.34		0.34
1985-86								
	Almaco jack	<u>Seriola rivoliana</u>			0.66	4.11		4.76
	Atlantic bonito	<u>Sarda sarda</u>		1.64	0.82	0.49		2.96
	Blackfin tuna	<u>Thunnus atlanticus</u>				0.49	1.81	2.30
	Blue runner	<u>Caranx crysos</u>			0.49	0.16		0.66
	Bluefin tuna	<u>Thunnus thynnus</u>				0.33		0.33
	Bluefish	<u>Pomatomus saltatrix</u>		2.13	0.66	0.16	0.16	2.79
	Bull shark	<u>Carcharhinus leucas</u>		0.33	0.16	0.16	0.16	0.66
	Cero	<u>Scomberomorus regalis</u>				0.16		0.16
	Crevalle jack	<u>Caranx hippos</u>		0.66	0.16	0.33		1.15
	Dolphin sp.	Family Coryphaenidae			1.15			1.15
	Dusky shark	<u>Carcharhinus obscurus</u>			2.63	2.13		2.13
	Florida pompano	<u>Trachinotus carolinus</u>			0.16			0.16
	Gag	<u>Mycteroperca microlepis</u>			0.16			0.16
	Goliath grouper	<u>Epinephelus itajara</u>		0.16		0.16		0.33
	Great barracuda	<u>Sphyrna barracuda</u>		0.16	1.64	1.48		3.28
	Great hammerhead	<u>Sphyrna mokarran</u>		0.16				0.16
	Grunt sp.	Family Haemulidae		1.48				1.48

Table F.7. (Cont'd.)

Year	Common name	Scientific name	Area					Coastwide ^a
			Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
1985-86 (Cont'd.)								
	Gulf toadfish	<u>Opsanus beta</u>			0.16			0.16
	Hardhead catfish	<u>Arius felis</u>				0.16		0.16
	Horse-eye jack	<u>Caranx latus</u>			0.16			0.16
	Jack sp.	Family Carangidae					0.16	0.16
	King snake eel	<u>Ophichthus rex</u>				0.16		0.16
	Mackerel sp.	Family Scombridae				0.33		0.16
	Pigfish	<u>Orthopristis chrysoptera</u>		2.13	0.16			3.61
	Pinfish	<u>Lagodon rhomboides</u>		0.66				0.82
	Pompano dolphin	<u>Coryphaena equisetis</u>						2.46
	Rainbow runner	<u>Elagatis bipinnulata</u>			0.16			0.16
	Remora	<u>Remora remora</u>					0.33	0.33
	Requiem shark sp.	Family Carcharhinidae			0.66			1.31
	Rock hind	<u>Epinephelus adscensionis</u>			0.49			0.99
	Rock sea bass	<u>Centropristis philadelphica</u>		0.16				0.16
	Sailfish	<u>Istiophorus platypterus</u>					0.49	0.66
	Scalloped hammerhead	<u>Sphyrna lewini</u>			0.33			0.33
	Scamp	<u>Mycteroperca phenax</u>					0.66	1.31
	Sea bass sp.	Family Serranidae		0.16	1.64			1.81
	Sheepshead	<u>Archosargus probatocephalus</u>			0.33			0.49
	Silver seatrout	<u>Cynoscion nothus</u>		2.13	44.99			47.29
	Smooth dogfish	<u>Mustelus canis</u>		0.66				0.66
	Snapper sp.	Family Lutjanidae			4.11			4.11
	Southern flounder	<u>Paralichthys lethostigma</u>		0.49				0.49
	Southern kingfish	<u>Menticirrhus americanus</u>			0.33			0.33
	Tripletail	<u>Lobotes surinamensis</u>		0.66				0.66
	Wahoo	<u>Acanthocybium solandri</u>			0.16			0.16
	Warsaw grouper	<u>Epinephelus nigritus</u>		1.31	1.48		0.99	3.78
1986-87								
	Almaco jack	<u>Seriola rivoliana</u>			4.59			5.10
	Atlantic bonito	<u>Sarda sarda</u>			2.04			3.06
	Bearded brotula	<u>Brotula barbata</u>					0.51	0.51
	Blue runner	<u>Caranx crysos</u>			4.59		0.51	6.63
	Bluefish	<u>Pomatomus saltatrix</u>		2.04				4.08
	Bonnethead	<u>Sphyrna tiburo</u>			0.51			0.51
	Bony fish sp.	Class Osteichthyes			0.51			0.51
	Bull shark	<u>Carcharhinus leucas</u>					0.51	0.51
	Cero	<u>Scomberomorus regalis</u>			1.02			1.02
	Crevalle jack	<u>Caranx hippos</u>		4.59				10.71
	Finetooth shark	<u>Carcharhinus isodon</u>			2.55			0.51
	Florida pompano	<u>Trachinotus carolinus</u>			0.51			1.02
	Gray snapper	<u>Lutjanus griseus</u>			1.02			0.51
	Great barracuda	<u>Sphyrna barracuda</u>			2.04		0.51	2.55

Table F.7. (Cont'd.)

Year	Common name	Scientific name	Area						Coastwide ^a
			Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
1986-87 (Cont'd.)									
	Guaguanche	<u>Sphyrna guachancho</u>					0.51		0.51
	Hardhead catfish	<u>Arius felis</u>					1.02		1.02
	Jack sp.	Family Carangidae			1.02		0.51		1.53
	Ladyfish	<u>Elops saurus</u>			0.51		0.51		1.02
	Pigfish	<u>Orthopristis chrysoptera</u>			2.55		0.51		3.06
	Pinfish	<u>Lagodon rhomboides</u>		0.51	0.51		0.51		1.02
	Pompano dolphin	<u>Coryphaena equisetis</u>			9.69			0.51	10.20
	Queen triggerfish	<u>Balistes vetula</u>			1.02				1.02
	Rainbow runner	<u>Elagatis bipinnulata</u>			0.51				0.51
	Requiem shark sp.	Family Carcharhinidae			2.04				2.04
	Rock hind	<u>Epinephelus adscensionis</u>			4.08				4.08
	Sailfish	<u>Istiophorus platyterus</u>			0.51			0.51	1.02
	Scalloped hammerhead	<u>Sphyrna lewini</u>						0.51	0.51
	Sea bass sp.	Family Serranidae			1.02		0.51		1.53
	Sheepshead	<u>Archosargus probatocephalus</u>			8.16				8.16
	Silver seatrout	<u>Cynoscion nothus</u>		6.63	1.02			0.51	8.16
	Southern flounder	<u>Paralichthys lethostigma</u>			1.53				1.53
	Southern kingfish	<u>Menticirrhus americanus</u>		3.57	1.02				4.59
	Spotted spoon-nose eel	<u>Echiophis interinctus</u>			0.51				0.51
	Tomtate	<u>Haemulon aurolineatum</u>							0.51
	Wahoo	<u>Acanthocybium solandri</u>						0.51	0.51
	Warsaw grouper	<u>Epinephelus nigritus</u>		1.53	5.61			0.51	9.18
	Yellowtail snapper	<u>Ocyurus chrysurus</u>			0.51				0.51
1987-88									
	African pompano	<u>Alectis ciliaris</u>	0.38						0.38
	Blackfin tuna	<u>Thunnus atlanticus</u>			0.38				0.38
	Blue runner	<u>Caranx crysos</u>		0.76	1.14				1.90
	Bluefish	<u>Pomatomus saltatrix</u>	3.04	4.94	4.18				12.17
	Bonnethead	<u>Sphyrna tiburo</u>	0.38	0.38	0.76				1.52
	Bull shark	<u>Carcharhinus leucas</u>		1.14					1.14
	Cero	<u>Scomberomorus regalis</u>			0.38				0.38
	Crevalle Jack	<u>Caranx hippos</u>			0.76		1.90		2.66
	Dolphin sp.	Family Coryphaenidae			1.14				1.14
	Florida pompano	<u>Trachinotus carolinus</u>	2.28		0.38				2.66
	Gafftopsail catfish	<u>Bagre marinus</u>	3.42		1.14				4.56
	Goliath grouper	<u>Epinephelus itajara</u>			0.38				0.38
	Great barracuda	<u>Sphyrna barracuda</u>			3.04				3.04
	Great hammerhead	<u>Sphyrna mokarran</u>							0.38
	Gulf flounder	<u>Paralichthys albigutta</u>	0.38						0.38
	Gulf kingfish	<u>Menticirrhus littoralis</u>							0.38
	Hardhead catfish	<u>Arius felis</u>		0.38					0.38
	Ladyfish	<u>Elops saurus</u>			9.51				0.76

Table F.7. (Cont'd.)

Year	Common name	Scientific name	Area						Coastwide ^a
			Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
1987-88 (Cont'd.)	Pigfish	<u>Orthopristis chrysoptera</u>		4.18					4.18
	Pinfish	<u>Lagodon rhomboides</u>		0.38					0.38
	Pompano dolphin	<u>Coryphaena equisetis</u>			4.56				4.56
	Requiem shark sp.	Family <u>Carcharhinidae</u>	1.90	4.56					7.22
	Rock hind	<u>Epinephelus adscensionis</u>			0.38		0.38		0.76
	Rock sea bass	<u>Centropristis philadelphica</u>			0.38				0.38
	Sand tiger sp.	Family <u>Odontaspidae</u>	3.80					0.76	3.80
	Sea bass sp.	Family <u>Serranidae</u>	0.38	0.38					1.52
	Sheepshead	<u>Archosargus probatocephalus</u>	1.90		8.37				10.27
	Southern flounder	<u>Paralichthys lethostigma</u>	3.04	1.14	3.80				7.98
	Southern kingfish	<u>Menticirrhus americanus</u>		0.38	0.38				0.76
	Speckled hind	<u>Epinephelus drummondhayi</u>		0.38	0.38				0.38
	Spottail pinfish	<u>Diplodus holbrooki</u>			0.38				0.38
	Tripletail	<u>Lobotes surinamensis</u>			0.38				0.38
	Wahoo	<u>Acanthocybium solandri</u>			0.38				0.38
	Warsaw grouper	<u>Epinephelus nigritus</u>		0.76	10.65			0.38	12.93
	1988-89	Almaco jack	<u>Seriola rivoliana</u>			0.75			
Atlantic bonito		<u>Sarda sarda</u>			0.75				0.75
Bank sea bass		<u>Centropristis ocyurus</u>			0.38				0.38
Blackfin tuna		<u>Thunnus atlanticus</u>							0.75
Blue runner		<u>Caranx crysos</u>			1.89				1.89
Bluefish		<u>Pomatomus saltatrix</u>		1.51	5.28				6.79
Bonnethead		<u>Sphyrna tiburo</u>			0.38				0.38
Bull shark		<u>Carcharhinus leucas</u>			0.75			0.38	1.89
Cero		<u>Scomberomorus regalis</u>	0.38		0.38				0.38
Crevalle jack		<u>Caranx hippos</u>	1.13		13.21			0.38	15.09
Gray snapper		<u>Lutjanus griseus</u>						0.38	0.38
Graysby		<u>Epinephelus cruentatus</u>			1.13				1.51
Great barracuda		<u>Sphyrna barracuda</u>			1.13				3.40
Gulf flounder		<u>Paralichthys albigutta</u>						0.38	0.38
Gulf kingfish		<u>Menticirrhus littoralis</u>			0.38				0.38
Horse-eye jack		<u>Caranx latus</u>							0.38
Pigfish		<u>Orthopristis chrysoptera</u>		0.38					0.38
Pompano dolphin		<u>Coryphaena equisetis</u>		4.91					4.91
Rainbow runner		<u>Elagatis bipinnulata</u>			10.94				10.94
Remora		<u>Remora remora</u>			1.13				1.13
Requiem shark sp.		Family <u>Carcharhinidae</u>			0.38				0.38
Rock hind		<u>Epinephelus adscensionis</u>			1.13				1.13
Sailfish		<u>Istiophorus platyterus</u>			0.38				0.38
Scalloped hammerhead	<u>Sphyrna lewini</u>			0.38				0.38	
Sheepshead	<u>Archosargus probatocephalus</u>		0.75				0.38	0.75	

Table F.7. (Cont'd.)

Year	Common name	Scientific name	Area					Coastwide ^a
			Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
1988-89 (Cont'd.)	Silver seatrout	<u>Cynoscion nothus</u>			38.49			38.49
	Southern flounder	<u>Paralichthys lethostigma</u>	1.89	0.38				2.26
	Spinner shark	<u>Carcharhinus brevipinna</u>			0.38	0.38		0.38
	Squirrelfish	<u>Holocentrus adscensionis</u>			0.38			0.38
	Tiger shark	<u>Galeocerdo cuvier</u>			1.13			1.13
	Warsaw grouper	<u>Epinephelus nigritus</u>			1.13			1.13
	Yellow chub	<u>Kyphosus incisor</u>						
1989-90	Almacco jack	<u>Seriola rivoliana</u>		7.92				8.91
	Blue runner	<u>Caranx crysos</u>	0.99	6.93				8.91
	Bluefish	<u>Pomatomus saltatrix</u>	8.91	0.99	6.93			16.83
	Bonnethead	<u>Sphyrna tiburo</u>		3.96				3.96
	Bull shark	<u>Carcharhinus leucas</u>			0.99			0.99
	Crevalle jack	<u>Caranx hippos</u>	5.94	1.98	2.97			12.87
	Florida pompano	<u>Trachinotus carolinus</u>		0.99				1.98
	Gafftopsail catfish	<u>Baere marinus</u>			1.98			1.98
	Gag	<u>Myxeroperca microlepis</u>			0.99			0.99
	Great barracuda	<u>Sphyræna barracuda</u>						0.99
	Gulf flounder	<u>Paralichthys albigutta</u>						0.99
	Hardhead catfish	<u>Arius felis</u>		2.97				10.89
	Jack sp.	Family Carangidae			1.98			1.98
	Mackerel sp.	Family Scombridae						1.98
	Finfish	<u>Lagodon rhomboides</u>		0.99				0.99
	Queen triggerfish	<u>Balistes vetula</u>						1.98
	Rainbow runner	<u>Elagatis bipinnulata</u>						0.99
	Requiem shark sp.	Family Carcharhinidae		1.98				1.98
	Rock hind	<u>Epinephelus adscensionis</u>			2.97			5.94
	Sheepshead	<u>Archosargus probatocephalus</u>						1.98
	Southern flounder	<u>Paralichthys lethostigma</u>			0.99			0.99
	Southern kingfish	<u>Menticirrhus americanus</u>					0.99	0.99
	Spinner shark	<u>Carcharhinus brevipinna</u>						0.99
	Tripletail	<u>Lobotes surinamensis</u>		0.99				3.96
	Wahoo	<u>Acanthocybium solandri</u>		0.99				0.99
	Warsaw grouper	<u>Epinephelus nigritus</u>					1.98	2.97
	Yellowtail snapper	<u>Ocyurus chrysurus</u>	0.99					0.99
1990-91	Bermuda chub	<u>Kyphosus sectatrix</u>						0.68
	Black grouper	<u>Myxeroperca bonaci</u>			0.68			0.68
	Blackfin tuna	<u>Thunnus atlanticus</u>						1.37
	Blue runner	<u>Caranx crysos</u>	0.68	2.74	2.05			8.22
	Bluefish	<u>Pomatomus saltatrix</u>		6.16	2.05			8.90

Table F.7. (Cont'd.)

Year	Common name	Scientific name	Area						Coastwide *
			Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
1990-91 (Cont'd.)									
	Bony fish sp.	Class Osteichthyes		0.68					0.68
	Crevalle jack	<i>Caranx hippos</i>		1.37			2.74		4.11
	Dolphin sp.	Family Coryphaenidae			13.70				13.70
	Dwarf sand perch	<i>Diplectrum bivittatum</i>		0.68					0.68
	Gafftopsail catfish	<i>Bagre marinus</i>						1.37	0.68
	Gag	<i>Mycteroperca microlepis</i>							1.37
	Gray snapper	<i>Lutjanus griseus</i>		1.37					1.37
	Great barracuda	<i>Sphyrna barracuda</i>					4.79		4.79
	Gulf flounder	<i>Paralichthys albigutta</i>					0.68		0.68
	Jack sp.	Family Carangidae					0.68		0.68
	Ladyfish	<i>Elops saurus</i>					1.37		1.37
	Marlinsucker	<i>Remora osteochir</i>		0.68					0.68
	Pigfish	<i>Orthopristis chrysoptera</i>					0.68		0.68
	Pompano dolphin	<i>Coryphaena equisetis</i>			1.37				1.37
	Remora	<i>Remora remora</i>					0.68		0.68
	Requiem shark sp.	Family Carcharhinidae		6.85					6.85
	Rock sea bass	<i>Centropristis philadelphica</i>			0.68				0.68
	Sea bass sp.	Family Serranidae		0.68					0.68
	Sheepshead	<i>Archosargus probatocephalus</i>		0.68					1.37
	Silky shark	<i>Carcharhinus falciformis</i>					0.68		0.68
	Silver seatrout	<i>Cynoscion nothus</i>			21.23				21.23
	Southern flounder	<i>Paralichthys lethostigma</i>		3.42					3.42
	Southern kingfish	<i>Menticirrhus americanus</i>			4.79		0.68		5.48
	Spinner shark	<i>Carcharhinus brevipinna</i>			0.68				0.68
	Tripletail	<i>Lobotes surinamensis</i>		0.68					0.68
	Warsaw grouper	<i>Epinephelus nigritus</i>			4.79				4.79
1991-92									
	Atlantic bonito	<i>Sarda sarda</i>		0.81					0.81
	Barracuda sp.	Family Sphyraenidae		0.81					0.81
	Blackfin tuna	<i>Thunnus atlanticus</i>		1.63				0.81	2.44
	Blue runner	<i>Caranx crysos</i>		6.50			5.69		13.82
	Bluefish	<i>Pomatomus saltatrix</i>		2.44		0.81	1.63		13.01
	Bonnethead	<i>Sphyrna tiburo</i>		0.81					0.81
	Bony fish sp.	Class Osteichthyes		7.32					7.32
	Crevalle jack	<i>Caranx hippos</i>		2.44			1.63		6.50
	Dolphin sp.	Family Coryphaenidae							6.50
	Gray snapper	<i>Lutjanus griseus</i>		0.81					0.81
	Great barracuda	<i>Sphyrna barracuda</i>					1.63		3.25
	Gulf kingfish	<i>Menticirrhus littoralis</i>		3.25					3.25
	Inshore lizardfish	<i>Synodus foetens</i>						0.81	0.81
	Ladyfish	<i>Elops saurus</i>		7.32					7.32
	Lemon shark	<i>Negaprion brevirostris</i>		0.81					0.81

Table F.7. (Cont'd.)

Year	Common name	Scientific name	Area						Coastwide ^a
			Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
1991-92 (Cont'd.)									
	Pigfish	<u>Orthopristis chrysoptera</u>	0.81		0.81			0.81	
	Pompano dolphin	<u>Coryphaena equisetis</u>				0.81		0.81	
	Rainbow runner	<u>Elagatis bipinnulata</u>			1.63			0.81	
	Red hind	<u>Epinephelus guttatus</u>						1.63	
	Requiem shark sp.	Family <u>Carcharhinidae</u>	5.69					5.69	
	Sharksucker	<u>Echeneis naucrates</u>		0.81				1.63	
	Sheepshead	<u>Archosargus probatocephalus</u>	0.81				0.81	0.81	
	Silver seatrout	<u>Cynoscion nothus</u>		0.81	3.25			7.32	
	Southern flounder	<u>Paralichthys lethostigma</u>		4.88				4.88	
	Spinner shark	<u>Carcharhinus brevipinna</u>		1.63		1.63		3.25	
	Tomtate	<u>Haemulon aurolineatum</u>		0.81				0.81	
	Wahoo	<u>Acanthocybium solandri</u>				0.81		0.81	
1992-93									
	Almaco jack	<u>Seriola rivoliana</u>			3.73			3.73	
	Bermuda chub	<u>Kyphosus sectatrix</u>				2.24		2.24	
	Blackfin tuna	<u>Thunnus atlanticus</u>					12.69	12.69	
	Blue runner	<u>Caranx crysos</u>			0.75	2.24		2.99	
	Bluefish	<u>Pomatomus saltatrix</u>	2.99		9.70			17.91	
	Bull shark	<u>Carcharhinus leucas</u>		2.24	0.75			0.75	
	Crevalle jack	<u>Caranx hippos</u>	0.75	0.75	0.75			2.24	
	Gafftopsail catfish	<u>Bagre marinus</u>	2.24					2.24	
	Gag	<u>Myxerperca microlepis</u>			0.75		1.49	0.75	
	Great barracuda	<u>Sphyrna barracuda</u>			5.97			8.96	
	Gulf kingfish	<u>Menticirrhus littoralis</u>			4.48			4.48	
	Mutton snapper	<u>Lutjanus analis</u>			0.75			0.75	
	Pinfish	<u>Lagodon rhomboides</u>	0.75					0.75	
	Rainbow runner	<u>Elagatis bipinnulata</u>						0.75	
	Remora	<u>Remora remora</u>				0.75		0.75	
	Remora sp.	Family <u>Echeneidae</u>				0.75		0.75	
	Requiem shark sp.	Family <u>Carcharhinidae</u>			0.75			0.75	
	Sailfish	<u>Istiophorus platypterus</u>			0.75			0.75	
	Sandbar shark	<u>Carcharhinus plumbeus</u>			1.49			1.49	
	Scalloped hammerhead	<u>Sphyrna lewini</u>			0.75			0.75	
	Shark sp.	Order <u>Lamniformes/Squaliformes</u>						0.75	
	Sheepshead	<u>Archosargus probatocephalus</u>		8.96				8.96	
	Shrimp eel	<u>Ophichthus gomesi</u>			3.73			3.73	
	Silver seatrout	<u>Cynoscion nothus</u>			0.75			0.75	
	Southern kingfish	<u>Menticirrhus americanus</u>	10.45		3.73			10.45	
	Spinner shark	<u>Carcharhinus brevipinna</u>				0.75		0.75	
	Tomtate	<u>Haemulon aurolineatum</u>		0.75				0.75	
	Tripletail	<u>Lobotes surinamensis</u>				2.24		2.99	
	Warsaw grouper	<u>Epinephelus nigritus</u>			1.49		0.75	1.49	

Table F.7. (Cont'd.)

Year	Common name	Scientific name	Area						Coastwide ^a
			Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
1993-94	Almaco jack	<u>Seriola rivoliana</u>		0.56			0.56		1.11
	Atlantic bonito	<u>Sarda sarda</u>		0.56	0.56				1.11
	Barred grunt	<u>Conodon nobilis</u>		0.56					0.56
	Black margate	<u>Anisotremus surinamensis</u>			0.56		2.78		2.78
	Blackfin tuna	<u>Thunnus atlanticus</u>			0.56		1.11		0.56
	Blacknose shark	<u>Carcharhinus acronotus</u>			1.11		1.11		2.22
	Blue runner	<u>Caranx crysos</u>		4.44	0.56			0.56	13.33
	Bluefish	<u>Pomatomus saltatrix</u>	0.56		6.67			0.56	0.56
	Bonnethead	<u>Sphyrna tiburo</u>			0.56				0.56
	Bony fish sp.	Class Osteichthyes		0.56			0.56		0.56
	Crevalle jack	<u>Caranx hippos</u>	1.67						2.22
	Dog snapper	<u>Lutjanus jocu</u>		0.56			0.56		0.56
	Dolphin sp.	Family Coryphaenidae		36.11	2.78				38.89
	Florida pompano	<u>Trachinotus carolinus</u>	0.56						0.56
	Gray snapper	<u>Lutjanus griseus</u>		0.56					0.56
	Great barracuda	<u>Sphyrna barracuda</u>			1.11		1.11		2.22
	Gulf kingfish	<u>Menticirrhus littoralis</u>			0.56		1.11		0.56
	Ladyfish	<u>Elops saurus</u>			1.11		1.11		1.11
	Pigfish	<u>Orthopristis chrysoptera</u>	2.78						7.78
	Pinfish	<u>Lagodon rhomboides</u>			5.00		0.56		0.56
	Pompano dolphin	<u>Coryphaena equisetis</u>		2.22					2.22
	Requiem shark sp.	Family Carcharhinidae		1.67					1.67
	Rock hind	<u>Epinephelus adscensionis</u>			0.56		0.56		0.56
	Rock sea bass	<u>Centropristis philadelphica</u>							0.56
	Sandbar shark	<u>Carcharhinus plumbeus</u>			0.56		0.56		0.56
	Shark sp.	Order Lamniformes/Squaliformes		0.56					0.56
	Sheepshead	<u>Archosargus probatocephalus</u>			11.11				11.67
	Southern flounder	<u>Paralichthys lethostigma</u>	0.56		0.56				1.67
	Spinner shark	<u>Carcharhinus brevipinna</u>		0.56					0.56
	Striped grunt	<u>Haemulon striatum</u>		0.56					0.56
	Warsaw grouper	<u>Epinephelus nigritus</u>			1.11				1.11
1994-95	Almaco jack	<u>Seriola rivoliana</u>		3.98	3.98		0.57		8.52
	Atlantic bonito	<u>Sarda sarda</u>			2.27				2.27
	Bermuda chub	<u>Kyphosus sectatrix</u>		0.57					0.57
	Bigeye	<u>Priacanthus arenatus</u>			0.57				0.57
	Blue runner	<u>Caranx crysos</u>			0.57				0.57
	Bluefish	<u>Pomatomus saltatrix</u>		6.25	5.11		1.14	0.57	16.48
	Bonnethead	<u>Sphyrna tiburo</u>	3.41		0.57				0.57
	Bony fish sp.	Class Osteichthyes		8.52					8.52
	Bull shark	<u>Carcharhinus leucas</u>		0.57					0.57
	Cero	<u>Scomberomorus regalis</u>			0.57				0.57

Table F.7. (Cont'd.)

Year	Common name	Scientific name	Area						Coastwide ^a
			Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
1994-95 (Cont'd.)									
	Crevaille jack	<u>Caranx hippos</u>	0.57		1.14	0.57		2.27	
	Dolphin sp.	Family <u>Coryphaenidae</u>			0.57			0.57	
	Gag	<u>Mycteroperca microlepis</u>	0.57			0.57		1.14	
	Goatfish sp.	Family <u>Mullidae</u>	1.70				1.14	1.70	
	Gray snapper	<u>Lutjanus griseus</u>			1.14			2.27	
	Great barracuda	<u>Sphyaena barracuda</u>			7.95			12.50	
	Gulf kingfish	<u>Menticirrhus littoralis</u>			0.57			0.57	
	Hardhead catfish	<u>Arius felis</u>	0.57					0.57	
	Ladyfish	<u>Elops saurus</u>	0.57					0.57	
	Pigfish	<u>Orthopristis chrysoptera</u>	1.14		1.14			2.27	
	Pinfish	<u>Lagodon rhomboides</u>			0.57			0.57	
	Remora	<u>Remora remora</u>	0.57					0.57	
	Requiem shark sp.	Family <u>Carcharhinidae</u>			1.70			1.70	
	Rock hind	<u>Epinephelus adscensionis</u>			10.23		1.14	11.36	
	Shark sp.	Order <u>Lamniformes/Squaliformes</u>	3.41					3.41	
	Sheepshead	<u>Archosargus probatocephalus</u>	3.41		2.84			6.25	
	Silver seatrout	<u>Cynoscion nothus</u>	2.27		0.57			2.84	
	Southern flounder	<u>Paralichthys lethostigma</u>	0.57		1.14		0.57	2.27	
	Southern kingfish	<u>Menticirrhus americanus</u>	2.84					2.84	
	Spinner shark	<u>Carcharhinus brevipinna</u>	0.57					0.57	
	Tripletail	<u>Lobotes surinamensis</u>	0.57		2.27			2.27	
	Warsaw grouper	<u>Epinephelus nigritus</u>					0.57	1.14	
	White grunt	<u>Haemulon plumieri</u>					0.57	0.57	
1995-96									
	Almaco jack	<u>Seriola rivoliana</u>	0.43		0.43		1.29	2.15	
	Atlantic bonito	<u>Sarda sarda</u>	0.43					0.43	
	Atlantic stingray	<u>Dasyatis sabina</u>						0.43	
	Bermuda chub	<u>Kyphosus sectatrix</u>			0.43			0.43	
	Blackfin tuna	<u>Thunnus atlanticus</u>			0.43			0.43	
	Blacknose shark	<u>Carcharhinus acronotus</u>			0.43			0.43	
	Blue runner	<u>Caranx crysos</u>					3.00	3.00	
	Bluefish	<u>Pomatomus saltatrix</u>			0.86		3.86	16.31	
	Bony fish sp.	Class <u>Osteichthyes</u>	1.72		0.43			0.43	
	Crevaille jack	<u>Caranx hippos</u>	0.86		0.86			1.72	
	Dog snapper	<u>Lutjanus jocu</u>					0.43	0.43	
	Finetooth shark	<u>Carcharhinus isodon</u>			2.58			2.58	
	Florida pompano	<u>Trachinotus carolinus</u>	0.86					0.86	
	Gafftopsail catfish	<u>Bagre marinus</u>	1.72					1.72	
	Gray snapper	<u>Lutjanus griseus</u>						3.86	
	Great barracuda	<u>Sphyaena barracuda</u>	3.86		1.29		2.15	3.43	
	Hardhead catfish	<u>Arius felis</u>	0.43				0.43	1.72	
	Lemon shark	<u>Negaprion brevirostris</u>	0.43				1.72	1.72	

Table F.7. (Cont'd.)

Year	Common name	Scientific name	Area						Coastwide ^a
			Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
1995-96 (Cont'd.)									
	Pigfish	<u>Orthopristis chrysoptera</u>			0.43			6.44	
	Pompano dolphin	<u>Coryphaena equisetis</u>	6.01	0.43	15.45			15.88	
	Queen triggerfish	<u>Balistes vetula</u>		0.86				0.86	
	Rainbow runner	<u>Elagatis bipinnulata</u>			0.43			0.43	
	Remora sp.	Family Echeineidae				0.43		0.43	
	Requiem shark sp.	Family Carcharhinidae	1.29	0.86			0.43	3.00	
	Rock hind	<u>Epinephelus adscensionis</u>			4.29		4.29	8.58	
	Scamp	<u>Myceterperca phenax</u>			0.43			0.43	
	Sea bass sp.	Family Serranidae		0.86				0.86	
	Shark sp.	Order Lamniformes/Squaliformes		3.86				3.86	
	Sheepshead	<u>Archosargus probatocephalus</u>	2.58					2.58	
	Silver seatrout	<u>Cynoscion nothus</u>			4.29			4.29	
	Southern flounder	<u>Paralichthys lethostigma</u>	0.43	0.43				0.86	
	Spinner shark	<u>Carcharhinus brevipinna</u>		1.29	0.43		0.43	2.15	
	Striped mullet	<u>Mugil cephalus</u>						0.43	
	Tomtate	<u>Haemulon aurolineatum</u>						0.43	
	Tripletail	<u>Lobotes surinamensis</u>	3.00	1.29				4.72	
	Wahoo	<u>Acanthocybium solandri</u>						0.43	
	Warsaw grouper	<u>Epinephelus nigritus</u>					0.86	0.86	
	Yellowmouth grouper	<u>Myceterperca interstitialis</u>					0.43	0.43	
1996-97									
	Almaco jack	<u>Seriola rivoliana</u>	0.90	0.45				1.36	
	Atlantic stingray	<u>Dasvatis sabina</u>	0.45					0.45	
	Black grouper	<u>Myceterperca bonaci</u>					0.45	0.45	
	Blackfin tuna	<u>Thunnus atlanticus</u>			1.81			5.88	
	Blue runner	<u>Caranx crysos</u>		5.88				6.79	
	Bluefish	<u>Pomatomus saltatrix</u>	3.17	1.81			0.45	5.43	
	Bonnethead	<u>Sphyrna tiburo</u>		1.36				1.81	
	Crevalle jack	<u>Caranx hippos</u>	1.81					2.26	
	Cubera snapper	<u>Lutjanus cyanopterus</u>					0.45	0.45	
	Dog snapper	<u>Lutjanus loquax</u>						1.81	
	Dolphin sp.	Family Coryphaenidae			0.90			0.90	
	Dusky shark	<u>Carcharhinus obscurus</u>					0.45	0.45	
	Florida pompano	<u>Trachinotus carolinus</u>					0.45	0.45	
	Gag	<u>Myceterperca microlepis</u>						1.81	
	Gray snapper	<u>Lutjanus griseus</u>		1.36				11.31	
	Great barracuda	<u>Sphyrna barracuda</u>		6.33			0.45	7.69	
	Hardhead catfish	<u>Arius felis</u>	0.45				0.45	0.90	
	Knobbed porgy	<u>Calamus nodosus</u>					0.45	0.45	
	Mutton snapper	<u>Lutjanus analis</u>					7.24	1.81	
	Pinfish	<u>Lagodon rhomboides</u>		1.81				2.26	
	Pompano dolphin	<u>Coryphaena equisetis</u>			0.90		1.36	3.17	

Table F.7. (Cont'd.)

Year	Common name	Scientific name	Area						Coastwide *
			Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
1996-97 (Cont'd.)									
	Rainbow runner	<u>Elagatis bipinnulata</u>		0.45			1.36	0.45	2.26
	Red hind	<u>Epinephelus guttatus</u>			1.81				1.81
	Rock hind	<u>Epinephelus adscensionis</u>			1.36		0.45	0.45	2.26
	Sailfish	<u>Istiophorus platypterus</u>	0.45		0.45				0.90
	Scalloped hammerhead	<u>Sphyrna lewini</u>					0.45	0.45	0.45
	Scamp	<u>Mycteroperca phenax</u>					0.45	0.45	0.45
	Shark sp.	Order Lamniformes/Squaliformes		3.62					3.62
	Sharksucker	<u>Echeneis naucrates</u>		0.90					0.90
	Sheepshead	<u>Archosargus probatocephalus</u>	0.45	0.45	1.81		1.81		4.52
	Silver seatrout	<u>Cynoscion nothus</u>			0.90				0.90
	Spinner shark	<u>Carcharhinus brevipinna</u>		0.45					0.45
	Tripletail	<u>Lobotes surinamensis</u>	11.31	9.05					20.36
	Wahoo	<u>Acanthocybium solandri</u>					0.45	0.45	0.45
	Warsaw grouper	<u>Epinephelus nigritus</u>	0.90	0.45	0.90		0.45	0.45	2.71
1997-98									
	Almaco jack	<u>Seriola rivoliana</u>					1.43		1.43
	Atlantic stingray	<u>Dasyatis sabina</u>	0.71						0.71
	Bermuda chub	<u>Kyphosus sectatrix</u>					0.71		0.71
	Blackfin tuna	<u>Thunnus atlanticus</u>			0.71				0.71
	Blue runner	<u>Caranx crysos</u>					1.43		1.43
	Bluefish	<u>Pomatomus saltatrix</u>		5.71	1.43		2.86		11.43
	Bluntnose stingray	<u>Dasyatis say</u>							0.71
	Bonnethead	<u>Sphyrna tiburo</u>	2.86	1.43					4.29
	Cero	<u>Scomberomorus regalis</u>					1.43		0.71
	Crevalle jack	<u>Caranx hippos</u>	0.71						2.86
	Dog snapper	<u>Lutjanus jocu</u>			0.71				0.71
	Florida pompano	<u>Trachinotus carolinus</u>	1.43						1.43
	Gafftopsail catfish	<u>Baore marinus</u>	5.00						5.00
	Gag	<u>Mycteroperca microlepis</u>					0.71		0.71
	Gray snapper	<u>Lutjanus griseus</u>							3.57
	Great barracuda	<u>Sphyrna barracuda</u>					5.00		5.00
	Grunn sp.	Family Haemulidae					5.00		5.00
	Mutton snapper	<u>Lutjanus analis</u>							1.43
	Pigfish	<u>Orthopristis chrysoptera</u>	0.71						1.43
	Pompano dolphin	<u>Corypaena equisetis</u>							18.57
	Queen triggerfish	<u>Balistes vetula</u>	0.71						0.71
	Requiem shark sp.	Family Carcharhinidae					0.71		1.43
	Rock hind	<u>Epinephelus adscensionis</u>			2.86				2.86
	Scamp	<u>Mycteroperca phenax</u>			0.71				1.43
	Shark sp.	Order Lamniformes/Squaliformes		5.00					5.00
	Southern flounder	<u>Paralichthys lethostigma</u>	0.71						0.71
	Southern kingfish	<u>Menticirrhus americanus</u>			0.71				0.71

Table F.7. (Cont'd.)

Year	Common name	Scientific name	Area						Coastwide *
			Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
1997-98 (Cont'd.)									
	Spinner shark	<u>Carcharhinus brevipinna</u>							4.29
	Tripletail	<u>Lobotes surinamensis</u>	7.14		0.71		0.71		7.14
	Wahoo	<u>Acanthocybium solandri</u>					3.57		3.57
	Warsaw grouper	<u>Epinephelus nigritus</u>	1.43	0.71					2.14
	Yellow chub	<u>Kyphosus incisor</u>	0.71						0.71
	Yellowtail snapper	<u>Ocyurus chrysurus</u>		1.43					1.43
1998-99									
	Almaco jack	<u>Seriola rivoliana</u>					1.17		1.17
	Atlantic bonito	<u>Sarda sarda</u>			1.56				1.56
	Bermuda chub	<u>Kyphosus sectatrix</u>						2.73	2.73
	Blackfin tuna	<u>Thunnus atlanticus</u>			0.78				1.95
	Blue runner	<u>Caranx crysos</u>		0.78	0.78				4.69
	Bluefish	<u>Pomatomus saltatrix</u>	2.73	1.17	3.91		2.73		10.55
	Bonnethead	<u>Sphyrna tiburo</u>	0.39	0.78	2.73				3.91
	Bony fish sp.	<u>Class Osteichthyes</u>			0.78				0.78
	Bull shark	<u>Carcharhinus leucas</u>		0.39					0.39
	Crevalle jack	<u>Caranx hippos</u>	0.39	1.56					2.34
	Dog snapper	<u>Lutjanus jocu</u>			0.39				0.39
	Family snappers	<u>Family Lutjanidae</u>							0.39
	Florida pompano	<u>Trachinotus carolinus</u>	0.39	0.39	0.78				1.56
	Gafftopsail catfish	<u>Bagre marinus</u>	0.39						0.39
	Gag	<u>Myxeroperca microlepis</u>			0.39				0.39
	Gray snapper	<u>Lutjanus griseus</u>		0.39	0.39				1.95
	Great barracuda	<u>Sphyrna barracuda</u>		3.13	5.47			0.78	9.38
	Gulf kingfish	<u>Menticirrhus littoralis</u>		1.17	2.34			0.78	8.20
	Hardhead catfish	<u>Arius felis</u>		4.30	1.95				1.95
	Ladyfish	<u>Elops saurus</u>			0.39				4.30
	Pompano dolphin	<u>Corypaena equisetis</u>	0.78		0.39				1.17
	Rainbow runner	<u>Elagatis bipinnulata</u>			0.39				0.39
	Red hind	<u>Epinephelus guttatus</u>			0.78		0.78		1.56
	Rock hind	<u>Epinephelus adscensionis</u>			3.13				3.13
	Sandbar shark	<u>Carcharhinus plumbeus</u>			8.98		4.69		13.67
	Scalloped hammerhead	<u>Sphyrna lewini</u>			0.39				0.39
	Scamp	<u>Myxeroperca phenax</u>			0.39				0.39
	Shark sp.	<u>Order Lamniformes / Squaliformes</u>		0.78					0.78
	Sheepshead	<u>Archosargus probatocephalus</u>	7.42		3.91				11.33
	Southern flounder	<u>Paralichthys lethostigma</u>	1.56		2.73				4.30
	Tripletail	<u>Lobotes surinamensis</u>			0.39				1.56
	Wahoo	<u>Acanthocybium solandri</u>	1.17						1.17
	Warsaw grouper	<u>Epinephelus nigritus</u>					0.39	0.78	0.78
	Yellowfin tuna	<u>Thunnus albacares</u>			0.78				0.78

Table F.7. (Cont'd.)

Year	Common name	Scientific name	Area					Coastwide ^a
			Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
1999-2000	Almaco jack	<u>Seriola rivoliana</u>				2.32		2.32
	Atlantic bonito	<u>Sarda sarda</u>			0.33			0.33
	Atlantic stingray	<u>Dasyatis sabina</u>	0.33					0.33
	Banded rudderfish	<u>Seriola zonata</u>	0.33		0.66			0.99
	Bermuda chub	<u>Kyphosus sectatrix</u>				2.98		2.98
	Bigeye	<u>Priacanthus arenatus</u>			0.33			0.33
	Blacknose shark	<u>Thunnus atlanticus</u>			3.31		0.66	4.97
	Blue runner	<u>Carcharhinus acronotus</u>			0.33			0.33
	Bluefish	<u>Caranx crysos</u>			0.66			0.66
	Bonnethead	<u>Pomatomus saltatrix</u>	1.66	0.99				2.65
	Bull shark	<u>Sphyrna tiburo</u>		3.31				4.30
	Crevalle jack	<u>Carcharhinus leucas</u>	0.33					0.33
	Dog snapper	<u>Caranx hippos</u>			0.33			6.95
	Family mackerels	<u>Lutjanus jocu</u>			0.33			0.33
	Family requiem sharks	Family Scombridae			0.33			0.33
	Florida pompano	Family Carcharhinidae			0.33			0.33
	Gafftopsail catfish	<u>Trachinotus carolinus</u>			0.33			0.33
	Gag	<u>Bagre marinus</u>		0.33				0.33
	Gray snapper	<u>Mycteroperca microlepis</u>				0.33		0.33
	Great barracuda	<u>Lutjanus griseus</u>	0.66		2.98			3.64
	Ladyfish	<u>Sphyrna barracuda</u>	0.66		1.66		0.99	4.64
	Lemon shark	<u>Elops saurus</u>				0.33		0.66
	Mutton snapper	<u>Negaprion brevirostris</u>				0.33		0.33
	Pinfish	<u>Lutjanus analis</u>						0.33
	Pompano dolphin	<u>Lagodon rhomboides</u>			0.66			0.66
	Rainbow runner	<u>Coryphaena equisetis</u>		32.12	0.33			32.45
	Red hind	<u>Elagatis bipinnulata</u>				0.33		0.33
	Rock hind	<u>Epinephelus guttatus</u>			1.66			6.95
	Sailfish	<u>Epinephelus adscensionis</u>		0.33	1.32		0.33	2.32
	Sandbar shark	<u>Istiophorus platyterus</u>				0.33		0.33
	Scamp	<u>Carcharhinus plumbeus</u>		0.33				0.33
	Shark sp.	<u>Mycteroperca phenax</u>	0.66				0.33	0.99
	Sheepshead	Order Lamniformes / Squaliformes		1.32				1.32
	Silky shark	<u>Archosargus probatocephalus</u>					0.33	0.33
	Silver seatrout	<u>Carcharhinus falciformis</u>		0.33				0.33
	Southern flounder	<u>Cynoscion nothus</u>			0.33			0.33
	Southern kingfish	<u>Paralichthys lethostigma</u>			0.33			0.33
	Spinner shark	<u>Menticirrhus americanus</u>			0.33			1.32
	Tripletail	<u>Carcharhinus brevipinna</u>		0.99				3.64
	Unicorn filefish	<u>Lobotes surinamensis</u>		1.99	2.32		1.32	4.30
		<u>Aluterus monoceros</u>		0.33				0.33

Table F.7. (Cont'd.)

Year	Common name	Scientific name	Area						Coastwide ^a
			Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
1999-2000 (Cont'd.)	Wahoo	<u>Acanthocybium solandri</u>							2.98
	Warsaw grouper	<u>Epinephelus nigritus</u>		0.33			1.99	0.66	1.32
2000-01	African pompano	<u>Alectis ciliaris</u>			0.29			0.29	0.29
	Almaco jack	<u>Seriola rivoliana</u>			8.86			0.29	9.14
	Atlantic bonito	<u>Sarda sarda</u>			1.14				1.14
	Banded rudderfish	<u>Seriola zonata</u>		0.29					0.29
	Black grouper	<u>Myceteropca bonaci</u>			0.29				0.29
	Blackfin tuna	<u>Thunnus atlanticus</u>					6.00		6.00
	Blacknose shark	<u>Carcharhinus acronotus</u>			0.57				0.57
	Blue runner	<u>Caranx crysos</u>		4.57	1.14		0.86		7.14
	Bluefish	<u>Pomatomus saltatrix</u>		0.57	0.29				0.86
	Bonnethead	<u>Sphyrna tiburo</u>		0.86	0.29				2.00
	Bull shark	<u>Carcharhinus leucas</u>			0.29			0.29	0.57
	Crevalle jack	<u>Caranx hippos</u>					1.14		1.14
	Dog snapper	<u>Lutjanus jocu</u>			0.29				0.29
	Family dolphins	Family Coryphaenidae		1.43					1.43
	Family requiem sharks	Family Carcharhinidae					0.29		0.57
	Family snappers	Family Lutjanidae		0.29					0.29
	Gag	<u>Myceteropca microlepis</u>			0.86				1.14
	Gray snapper	<u>Lutjanus griseus</u>			1.43			0.29	8.57
	Great barracuda	<u>Sphyrna barracuda</u>		3.14	0.57			2.86	10.57
	Guaguanche	<u>Sphyrna guachancho</u>						0.29	0.29
	Ladyfish	<u>Elops saurus</u>							0.29
	Night sergeant	<u>Abudefduf taurus</u>							0.29
	Pinfish	<u>Lagodon rhomboides</u>			0.86				0.86
	Pompano dolphin	<u>Coryphaena equisetis</u>		7.71	11.14				18.86
	Rainbow runner	<u>Elagatis bipinnulata</u>			0.29				0.86
	Red hind	<u>Epinephelus guttatus</u>			0.57				0.57
	Rock hind	<u>Epinephelus adscensionis</u>		0.57				3.34	6.86
	Sailfish	<u>Istiophorus platyterus</u>		0.29					0.29
	Sandbar shark	<u>Carcharhinus plumbeus</u>			2.29				0.86
	Shark sp.	Order Lamniformes / Squaliformes		1.71					1.71
	Sheepshead	<u>Archosargus probatocephalus</u>		0.29	0.29			0.29	0.86
	Silky shark	<u>Carcharhinus falciformis</u>							0.29
	Smalleye hammerhead	<u>Sphyrna tudes</u>			0.29				0.29
	Smalltail shark	<u>Carcharhinus porosus</u>		0.29					0.29
	Snowy grouper	<u>Epinephelus niveatus</u>		0.29					0.29
	Southern flounder	<u>Paralichthys lethostigma</u>		0.57					0.57
	Southern kingfish	<u>Menticirrhus americanus</u>							0.29
	Spinner shark	<u>Carcharhinus brevipinna</u>					0.29		1.43
	Tomtate	<u>Haemulon aurolineatum</u>		0.86	0.57				3.43

Table F.7. (Cont'd.)

Year	Common name	Scientific name	Area						Coastwide ^a
			Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
2000-01	(Cont'd.)								
	Tripletail	<u>Lobotes surinamensis</u>		5.14		1.43		6.00	
	Wahoo	<u>Acanthocybium solandri</u>	0.86					1.43	
	Warsaw grouper	<u>Epinephelus nigritus</u>		0.29			0.57	0.86	
2001-02									
	Barréd grunt	<u>Conodon nobilis</u>						0.35	
	Bermuda chub	<u>Kyphosus sectatrix</u>		2.48		0.35		2.84	
	Blackfin tuna	<u>Thunnus atlanticus</u>				0.71		0.71	
	Blue runner	<u>Caranx crysos</u>		3.90		2.48		6.38	
	Bluefish	<u>Pomatomus saltatrix</u>			0.71		1.06	1.77	
	Bonnethead	<u>Sphyrna tiburo</u>		0.35		0.35		0.71	
	Bull shark	<u>Carcharhinus leucas</u>	0.35					0.35	
	Crevalle jack	<u>Caranx hippos</u>	1.06				0.35	2.48	
	Cubera snapper	<u>Lutjanus cyanopte</u>			0.71			0.71	
	Dog snapper	<u>Lutjanus jocu</u>			2.13			2.13	
	Family sea basses	Family Serranidae		0.35				0.35	
	Florida pompano	<u>Trachinotus carolinus</u>		2.13	0.35			2.48	
	Gafftopsail catfish	<u>Bagre marinus</u>	1.77					2.13	
	Gag	<u>Myxerperca microlepis</u>		0.35				0.35	
	Gray snapper	<u>Lutjanus griseus</u>		7.09	3.55	1.06	0.35	12.06	
	Great barracuda	<u>Sphyræna barracuda</u>			3.55			3.90	
	Gulf toadfish	<u>Opsanus beta</u>				0.35		0.35	
	Horse-eye jack	<u>Caranx latus</u>				0.35		0.35	
	Ladyfish	<u>Elops saurus</u>			0.35			0.35	
	Lemon shark	<u>Negaprion brevirostris</u>						0.35	
	Mutton snapper	<u>Lutjanus analis</u>				0.71		1.06	
	Pigfish	<u>Orthotistis chrysoptera</u>				0.35		0.35	
	Pompano dolphin	<u>Coryphaena equisetis</u>		14.18	14.89			29.08	
	Red hind	<u>Epinephelus guttatus</u>		0.35	0.35			0.71	
	Rock hind	<u>Epinephelus adscensionis</u>			0.35			0.35	
	Shark sp.	Order Lamniformes / Squaliformes		1.42				1.42	
	Sheepshead	<u>Archosargus probatocephalus</u>		0.35	0.71			1.06	
	Silver seatrout	<u>Cynoscion nothus</u>		0.35	8.51			8.87	
	Skipjack tuna	<u>Katsuwonus pelamis</u>			0.35			0.35	
	Smalltail shark	<u>Carcharhinus porosus</u>		0.71				0.71	
	Southern kingfish	<u>Menticirrhus americanus</u>		0.35	1.06			1.42	
	Spinner shark	<u>Carcharhinus brevipinna</u>	0.35		0.35		0.35	2.84	
	Tripletail	<u>Lobotes surinamensis</u>		6.74	0.71			7.45	
	Wahoo	<u>Acanthocybium solandri</u>					0.35	0.35	
	Warsaw grouper	<u>Epinephelus nigritus</u>			0.71			1.77	
	Whitespotted soapfish	<u>Rypticus maculatus</u>		1.06		0.71		1.06	

Table F.7. (Cont'd.)

Year	Common name	Scientific name	Area					Coastwide ^a
			Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
2002-03	African pompano	<u>Alectis ciliaris</u>						0.22
	Antenna codlet	<u>Bregmaceros atlanticus</u>	0.22					0.22
	Atlantic bonito	<u>Sarda sarda</u>			0.22			0.22
	Bigeye	<u>Priacanthus arenatus</u>			0.22			0.22
	Blackfin tuna	<u>Thunnus atlanticus</u>	1.77		2.65	0.44	0.22	5.09
	Blacknose shark	<u>Carcharhinus acronotus</u>			0.22			0.22
	Bluefish	<u>Pomatomus saltatrix</u>			0.22			0.66
	Bonnethead	<u>Sphyrna tiburo</u>			0.44			0.44
	Bull shark	<u>Carcharhinus leucas</u>			0.22			0.22
	Crevalle jack	<u>Caranx hippos</u>	0.44		1.11	0.22		1.99
	Dog snapper	<u>Lutjanus jocu</u>	0.66					0.66
	Family dolphins	Family Coryphaenidae	1.11					1.11
	Family flyingfishes	Family Exocoetidae						5.09
	Family requiem sharks	Family Carcharhinidae	5.09					0.44
	Family sea basses	Family Serranidae			0.44	0.66		0.66
	Family snappers	Family Lutjanidae			0.22			0.22
	Florida pompano	<u>Trachinotus carolinus</u>	2.88					3.10
	Gag	<u>Myxerperca microlepis</u>	0.44					0.44
	Gray snapper	<u>Lutjanus griseus</u>	1.33		3.54	0.44	0.66	5.97
	Great barracuda	<u>Sphyrna barracuda</u>			1.11	3.10	0.22	4.42
	Gulf kingfish	<u>Menticirrhus littoralis</u>						0.22
	Hardhead catfish	<u>Arius felis</u>	0.22					0.22
	Ladyfish	<u>Elops saurus</u>	0.22		0.22			0.44
	Lesser amberjack	<u>Seriola fasciata</u>	0.22					0.22
	Pompano dolphin	<u>Coryphaena equisetis</u>	21.24		22.79			44.03
	Red hind	<u>Epinephelus guttatus</u>	0.22		0.22			1.11
	Rock hind	<u>Epinephelus adscensionis</u>	0.44		1.99		1.77	4.20
	Scalloped hammerhead	<u>Sphyrna lewini</u>	0.22		0.66			0.88
	Scamp	<u>Myxerperca phenax</u>			0.44			0.66
	Shark sp.	Order Lamniformes / Squaliformes	0.66					0.66
	Sheepshead	<u>Archosargus probatocephalus</u>	0.44					4.20
	Silver seatrout	<u>Cynoscion nothus</u>			1.55			0.44
	Southern kingfish	<u>Menticirrhus americanus</u>			4.65			4.65
	Spinner shark	<u>Carcharhinus brevipinna</u>			0.44			1.55
	Tripletail	<u>Lobotes surinamensis</u>	1.11		0.88			4.42
	Wahoo	<u>Acanthocybium solandri</u>	3.10					0.22
	Yellowfin grouper	<u>Myxerperca venenosa</u>	0.22					0.22

^a Due to rounding of numbers, coastwide percentages may not exactly equal sum of area percentages.

Table F.8. Residential origin (%) of private-boat anglers in the EEZ by area and year (1982-2003). Blanks indicate no interviews conducted.

Residence Year *	Area						Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Adjacent coastal counties							
1982-83		100	61	28	85		54
1983-84		92	42	38	56		48
1984-85		99	51	32	75		47
1985-86		88	55	31	75		53
1986-87		86	43	45	70		59
1987-88	95	92	44	34	85		59
1988-89	87	95	48	38	75		54
1989-90	81	96	65	44	29		65
1990-91	90	91	56	45	92		66
1991-92	97	89	56	39	59		65
1992-93	92	86	49	33	58		54
1993-94	92	92	40	40	88		63
1994-95	92	84	39	42	64		62
1995-96	91	93	45	33	58		71
1996-97	87	91	29	46	56		65
1997-98	90	90	41	46	51		69
1998-99	93	90	34	40	49		62
1999-2000	92	91	41	33	25		61
2000-01	79	90	44	31	70		60
2001-02	90	91	39	41	55		66
2002-03	81	91	46	40	58		65
Non-adjacent coastal counties							
1982-83		0	18	16	6		14
1983-84		0	22	13	8		15
1984-85		1	11	3	9		6
1985-86		0	14	6	0		7
1986-87		2	14	4	6		7
1987-88	3	1	18	3	0		8
1988-89	2	2	13	6	7		9
1989-90	7	0	8	7	29		6
1990-91	4	0	14	7	8		6
1991-92	0	1	18	5	0		5
1992-93	2	0	15	9	9		9
1993-94	0	0	22	6	0		8
1994-95	2	0	28	7	3		9
1995-96	4	0	27	4	10		8
1996-97	4	0	35	5	14		11
1997-98	3	1	35	7	9		9
1998-99	2	1	29	2	25		9
1999-2000	4	1	26	5	16		8

Table F.8. (Cont'd.)

Residence Year ^a	Area							Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre			
Non-adjacent coastal counties (Cont'd.)								
2000-01	8	1	23	12	5			10
2001-02	5	0	26	6	8			8
2002-03	10	1	23	3	14			10
Non-coastal counties								
1982-83		0	21	55	9			32
1983-84		5	34	45	32			34
1984-85		0	38	63	15			46
1985-86		11	29	61	17			38
1986-87		9	42	49	25			33
1987-88	2	5	36	61	15			31
1988-89	11	2	39	56	7			37
1989-90	10	4	28	44	42			27
1990-91	4	8	29	45	0			26
1991-92	3	7	23	55	24			27
1992-93	6	9	36	54	30			35
1993-94	8	7	38	48	12			27
1994-95	2	12	31	45	30			25
1995-96	3	6	26	57	33			19
1996-97	7	7	34	47	29			22
1997-98	5	8	23	43	40			21
1998-99	3	9	36	57	24			28
1999-2000	4	6	33	59	53			28
2000-01	8	8	32	56	22			28
2001-02	4	8	33	52	22			24
2002-03	10	7	31	53	28			24
Other states and countries								
1982-83		0	0	1	0			1
1983-84		4	3	4	3			3
1984-85		0	0	2	1			1
1985-86		0	1	2	8			2
1986-87		3	1	1	0			2
1987-88	1	1	2	2	0			2
1988-89	0	0	0	1	0			1
1989-90	2	0	0	4	11			2
1990-91	2	1	1	3	0			2
1991-92	0	3	2	1	18			3
1992-93	0	5	0	5	3			3
1993-94	0	0	0	5	0			2
1994-95	4	4	2	6	3			4
1995-96	2	1	2	2	0			2

Table F.8. (Cont'd.)

Residence Year ^a	Area					
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	Coastwide
Other states and countries (Cont'd.)						
1996-97	2	1	2	2	1	2
1997-98	1	1	1	4	0	2
1998-99	1	1	1	2	2	1
1999-2000	1	2	1	3	7	2
2000-01	5	2	1	2	3	2
2001-02	1	1	1	0	15	1
2002-03	0	1	1	5	0	1

^a Prior to May 1983 all anglers in a fishing party were assigned to the boat owner's residence.

Table F.9. Species sought (%) by private-boat anglers in the EEZ by area and year (1991-2003).

Species Year	Area					Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
Dolphin						
1991-92	0	1.9	2.4	2.1	0	1.9
1992-93	0	0	0	0	0	0
1993-94	0	4.4	0	2.4	0	1.9
1994-95	0	0	1.3	2.1	0	0.9
1995-96	0	0.6	0	1.2	0	0.4
1996-97	0	3.6	0	1.0	0	1.1
1997-98	0	1.4	0	2.4	0	1.1
1998-99	0	1.3	0.8	1.9	0	1.1
1999-2000	0	2.4	0	3.9	6.2	2.3
2000-01	0	3.5	0	3.1	0	2.1
2001-02	0	2.0	0	0	0	0.8
2002-03	0	0.7	2.5	1.4	0	1.2
King mackerel						
1991-92	8.3	33.0	39.0	61.7	18.2	42.5
1992-93	7.9	38.6	40.0	59.6	9.1	40.6
1993-94	2.1	44.1	17.5	43.5	42.9	30.4
1994-95	3.2	26.9	11.8	54.3	10.5	25.8
1995-96	4.6	34.0	19.6	33.3	9.5	22.2
1996-97	2.1	25.0	13.7	44.9	0	18.7
1997-98	1.5	25.7	9.6	49.7	9.1	24.4
1998-99	2.9	18.8	11.6	49.4	10.5	22.7
1999-2000	7.0	41.2	16.3	52.3	6.2	34.8
2000-01	0	30.1	22.1	39.1	10.5	26.4
2001-02	0	26.4	13.8	26.1	37.5	20.2
2002-03	5.9	32.9	15.8	45.1	6.9	25.8
King mackerel and red snapper						
1991-92	0	6.8	2.4	0	9.1	3.4
1992-93	10.5	6.8	8.2	6.4	18.2	8.4
1993-94	6.4	5.9	9.5	11.8	14.3	8.9
1994-95	4.8	11.5	11.8	2.1	21.1	8.2
1995-96	6.1	14.8	19.6	9.5	9.5	12.4
1996-97	2.9	25.0	24.5	3.1	21.7	13.7
1997-98	1.5	13.2	15.7	4.8	0	7.8
1998-99	2.9	9.4	11.6	2.6	5.3	6.6
1999-2000	1.8	9.4	10.9	2.6	12.5	6.8
2000-01	7.1	14.0	8.1	2.3	5.3	8.1
2001-02	7.5	19.6	6.2	4.3	25.0	11.5
2002-03	5.9	16.4	13.3	0	0	10.5

Table F.9. (Cont'd.)

Species Year	Area					Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
King mackerel combined with cobia, dolphin, or sharks						
1991-92	0	6.8	2.4	3.2	0	4.2
1992-93	0	2.3	0	3.7	0	1.7
1993-94	0	10.3	1.6	5.9	0	4.8
1994-95	0	2.6	2.6	2.1	0	1.8
1995-96	0	1.9	2.0	6.0	0	2.0
1996-97	0	0.9	1.0	3.1	0	1.1
1997-98	0.8	0	1.2	2.4	0	1.1
1998-99	1.0	2.0	0.8	2.6	0	1.6
1999-2000	0	1.8	3.3	3.9	6.2	2.7
2000-01	0	2.1	0	1.6	0	1.2
2001-02	3.8	1.4	0	2.2	12.5	1.8
2002-03	0	1.4	0.8	0	0	0.8
Red snapper						
1991-92	16.7	10.7	12.2	4.3	36.4	10.0
1992-93	42.1	13.6	21.2	1.8	50.0	17.8
1993-94	42.6	11.8	33.3	7.1	28.6	21.1
1994-95	49.2	19.2	27.6	11.7	63.2	27.3
1995-96	41.2	22.2	34.3	8.3	71.4	29.4
1996-97	46.4	23.2	40.2	7.1	60.9	32.2
1997-98	58.8	24.3	43.4	5.4	72.7	30.8
1998-99	56.9	30.9	47.1	9.6	73.7	34.7
1999-2000	52.6	7.1	25.0	1.3	25.0	14.5
2000-01	39.3	18.9	32.6	11.7	78.9	24.8
2001-02	47.2	14.9	43.8	15.2	12.5	25.5
2002-03	50.0	17.8	30.8	11.3	65.5	26.8
Sharks^a						
1991-92	0	1.0	0	2.1	0	1.1
1992-93	0	4.5	0	1.8	0	1.3
1993-94	0	0	1.6	0	0	0.4
1994-95	1.6	2.6	1.3	3.2	0	2.1
1995-96	1.5	0.6	0	0	0	0.6
1996-97	0	0	1.0	1.0	0	0.4
1997-98	1.5	0	1.2	0.6	0	0.7
1998-99	1.0	1.3	1.7	0	0	0.9
1999-2000	0	0.6	0	0.7	0	0.4
2000-01	1.8	2.8	0	0	0	1.2
2001-02	0	0.7	0	2.2	0	0.8
2002-03	0	0	0	2.8	0	0.5

Table F.9. (Cont'd.)

Species Year	Area					Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
Other species or combinations						
1991-92	33.3	13.6	14.6	6.4	9.1	11.9
1992-93	13.2	18.2	5.9	10.1	18.2	11.1
1993-94	17.0	5.9	6.3	10.6	14.3	9.6
1994-95	12.7	12.8	19.7	8.5	0	12.4
1995-96	18.3	4.9	6.9	16.7	0	10.6
1996-97	8.6	5.4	4.9	18.4	17.4	9.5
1997-98	11.5	11.1	13.3	13.2	9.1	12.1
1998-99	15.7	11.4	6.6	16.7	5.3	12.4
1999-2000	8.8	11.2	14.1	16.3	37.5	13.9
2000-01	8.9	7.7	8.1	10.9	5.3	8.8
2001-02	15.1	6.1	11.2	17.4	0	11.0
2002-03	2.9	13.0	15.0	18.3	17.2	14.0
No particular species						
1991-92	41.7	26.2	26.8	20.2	27.3	24.9
1992-93	26.3	15.9	24.7	16.5	4.5	19.3
1993-94	31.9	17.6	30.2	18.8	0	23.0
1994-95	28.6	24.4	23.7	16.0	5.3	21.5
1995-96	28.2	21.0	17.6	25.0	9.5	22.4
1996-97	40.0	17.0	14.7	21.4	0	23.4
1997-98	24.4	24.3	15.7	21.6	9.1	21.8
1998-99	19.6	24.8	19.8	17.3	5.3	19.9
1999-2000	29.8	26.5	30.4	19.0	6.2	24.6
2000-01	42.9	21.0	29.1	31.2	0	27.5
2001-02	26.4	29.1	25.0	32.6	12.5	28.3
2002-03	35.3	17.8	21.7	21.1	10.3	20.5
Number of responses						
1991-92	12	103	41	94	11	261
1992-93	38	44	85	109	22	298
1993-94	47	68	63	85	7	270
1994-95	63	78	76	94	19	330
1995-96	131	162	102	84	21	500
1996-97	140	112	102	98	23	475
1997-98	131	144	83	167	11	536
1998-99	102	149	121	156	19	547
1999-2000	57	170	92	153	16	488
2000-01	56	143	86	128	19	432
2001-02	53	148	80	92	8	381
2002-03	34	146	120	71	29	400

^a Orders Lamniformes and Squaliformes.

Table F.10. Trip satisfaction (%) of private-boat anglers in the EEZ by response scale category, area, and year (1987-2003).

Area	Response scale categories ^a										Mean response	No. of responses		
	0	1	2	3	4	5	6	7	8	9			10	
Sabine Lake														
1987-88	10.9	2.2	8.7	10.9	10.9	15.2	4.3	10.9	10.9	10.9	2.2	13.0	5.1	46
1988-89	23.5	0	11.8	5.9	5.9	5.9	11.8	11.8	11.8	23.5	0	0	4.4	17
1989-90	0	8.3	0	8.3	8.3	16.7	8.3	16.7	8.3	8.3	8.3	16.7	6.2	12
1990-91	20.0	13.3	20.0	0	0	6.7	6.7	13.3	13.3	13.3	0	6.7	3.9	15
1991-92	0	0	0	0	10.0	10.0	0	30.0	20.0	20.0	20.0	10.0	7.4	10
1992-93	5.3	2.6	5.3	7.9	5.3	18.4	5.3	5.3	15.8	7.9	7.9	21.1	6.3	38
1993-94	12.8	6.4	0	6.4	8.5	14.9	8.5	8.5	12.8	6.4	6.4	14.9	5.5	47
1994-95	11.7	1.7	6.7	3.3	3.3	20.0	6.7	8.3	11.7	8.3	8.3	18.3	5.9	60
1995-96	4.7	3.9	7.0	4.7	7.0	10.9	6.2	14.0	12.4	8.5	8.5	20.9	6.3	129
1996-97	2.9	3.6	5.1	2.2	5.1	7.2	7.2	6.5	16.7	5.8	5.8	37.7	7.3	138
1997-98	17.2	2.3	4.7	0.8	3.9	10.9	3.1	13.3	14.8	7.8	7.8	21.1	6.0	128
1998-99	9.9	5.0	12.9	6.9	5.0	9.9	5.9	9.9	8.9	3.0	3.0	22.8	5.5	101
1999-2000	18.2	1.8	3.6	7.3	3.6	7.3	10.9	5.5	12.7	9.1	9.1	20.0	5.7	55
2000-01	14.3	1.8	3.6	7.1	3.6	10.7	5.4	12.5	16.1	5.4	5.4	19.6	5.9	56
2001-02	5.8	1.9	1.9	1.9	1.9	21.2	11.5	11.5	11.5	5.8	5.8	25.0	6.7	52
2002-03	11.8	0	0	0	2.9	26.5	8.8	11.8	5.9	8.8	8.8	23.5	6.4	34
Galveston														
1987-88	9.8	3.9	11.8	5.9	9.8	11.8	9.8	5.9	7.8	11.8	11.8	11.8	5.3	51
1988-89	11.8	5.9	5.9	5.9	5.9	5.9	17.6	5.9	5.9	5.9	5.9	23.5	5.7	17
1989-90	15.3	5.1	6.8	6.8	3.4	22.0	5.1	6.8	13.6	0	0	15.3	5.0	59
1990-91	13.0	6.0	7.0	5.0	9.0	15.0	9.0	7.0	10.0	6.0	6.0	13.0	5.1	100
1991-92	3.9	3.9	5.8	2.9	3.9	13.6	3.9	13.6	23.3	6.8	6.8	18.4	6.6	103
1992-93	6.8	13.6	6.8	2.3	9.1	4.5	11.4	9.1	11.4	6.8	6.8	18.2	5.6	44
1993-94	10.4	1.5	6.0	6.0	1.5	25.4	6.0	9.0	7.5	6.0	6.0	20.9	5.9	67
1994-95	13.0	0	6.5	3.9	1.3	19.5	7.8	9.1	18.2	5.2	5.2	15.6	5.9	77
1995-96	3.1	3.1	2.5	6.9	4.4	13.8	5.0	15.0	18.8	8.8	8.8	18.8	6.7	160
1996-97	6.2	4.5	5.4	4.5	1.8	12.5	6.2	8.0	20.5	7.1	7.1	23.2	6.5	112
1997-98	5.6	4.2	6.3	5.6	3.5	13.3	5.6	12.6	9.8	7.7	7.7	25.9	6.4	143
1998-99	7.4	2.7	4.0	6.0	4.7	12.8	6.7	10.1	16.8	6.0	6.0	22.8	6.4	149
1999-2000	11.4	3.6	4.8	4.8	6.0	9.0	4.2	14.4	10.2	6.0	6.0	25.7	6.1	167
2000-01	6.3	2.1	6.3	7.7	5.6	16.1	4.2	9.1	16.8	7.0	7.0	18.9	6.2	143
2001-02	8.8	2.7	1.4	7.4	3.4	12.2	10.1	7.4	20.3	7.4	7.4	18.9	6.3	148
2002-03	10.3	4.8	4.8	4.1	7.5	10.3	10.3	11.0	17.1	3.4	3.4	16.4	5.8	146

Table F.10. (Cont'd.)

Area	Response scale categories ^a										Mean response	No. of responses					
	0	1	2	3	4	5	6	7	8	9			10				
Matagorda																	
1987-88	10.9	8.7	8.7	5.4	2.2	12.0	4.3	15.2	13.0	2.2	17.4	5.4	92				
1988-89	12.0	3.6	7.3	9.6	2.4	9.6	2.4	6.0	13.3	2.4	31.3	6.0	83				
1989-90	21.7	4.3	0	8.7	0	4.3	8.7	4.3	26.1	8.7	13.0	5.5	23				
1990-91	8.2	4.1	10.2	8.2	4.1	16.3	6.1	6.1	16.3	6.1	14.3	5.6	49				
1991-92	5.0	5.0	2.5	0	0	22.5	0	15.0	20.0	5.0	25.0	6.8	40				
1992-93	10.6	4.7	9.4	9.4	5.9	9.4	2.4	3.5	10.6	10.6	23.5	5.8	85				
1993-94	4.9	0	3.3	3.3	4.9	9.8	9.8	11.5	21.3	8.2	23.0	7.0	61				
1994-95	5.4	2.7	1.4	6.8	6.8	10.8	8.1	14.9	9.5	8.1	25.7	6.6	74				
1995-96	7.9	5.0	5.0	4.0	4.0	16.8	2.0	8.9	13.9	6.9	25.7	6.3	101				
1996-97	4.9	2.0	4.9	3.9	3.9	11.8	5.9	11.8	17.6	4.9	25.5	6.6	102				
1997-98	3.6	3.6	1.2	3.6	3.6	13.3	1.2	12.0	22.9	8.4	26.5	7.1	83				
1998-99	8.3	0	6.6	8.3	8.3	7.4	7.4	8.3	14.9	11.6	19.0	6.2	121				
1999-2000	9.7	4.3	1.1	5.4	4.3	20.4	6.5	7.5	12.9	6.5	21.5	6.1	93				
2000-01	10.6	1.2	4.7	3.5	4.7	11.8	5.9	8.2	18.8	3.5	27.1	6.4	85				
2001-02	5.1	3.8	5.1	2.5	0	12.7	5.1	13.9	19.0	8.9	24.1	6.8	79				
2002-03	1.7	0.8	3.4	5.9	2.5	11.9	7.6	9.3	18.6	8.5	29.7	7.3	118				
Corpus Christi																	
1987-88	17.3	1.3	8.0	8.0	6.7	16.0	5.3	10.7	12.0	2.7	12.0	4.9	75				
1988-89	9.3	3.7	11.1	3.7	7.4	20.4	7.4	9.3	5.6	3.7	18.5	5.4	54				
1989-90	7.6	5.1	7.6	3.8	6.3	20.3	10.1	13.9	11.4	2.5	11.4	5.4	79				
1990-91	12.9	2.3	5.3	6.1	3.3	15.2	4.5	6.8	13.6	9.1	21.2	6.0	132				
1991-92	6.5	2.2	6.5	4.3	3.2	14.0	4.3	9.7	11.8	8.6	29.0	6.7	93				
1992-93	13.0	6.5	4.6	7.4	6.5	14.8	6.5	7.4	13.0	5.6	14.8	5.3	108				
1993-94	3.6	3.6	8.3	1.2	9.5	17.9	7.1	9.5	11.9	3.6	23.8	6.3	84				
1994-95	10.1	1.1	2.2	12.4	4.5	20.2	7.9	10.1	11.2	4.5	15.7	5.7	89				
1995-96	5.4	2.7	6.8	2.7	1.4	12.2	4.1	9.5	20.3	8.1	27.0	6.9	74				
1996-97	7.4	2.1	9.6	3.2	5.3	11.7	1.1	9.6	22.3	8.5	19.1	6.3	94				
1997-98	8.4	5.4	6.6	8.4	3.0	11.4	6.6	6.6	13.3	7.8	22.3	6.0	166				
1998-99	9.7	3.9	7.1	4.5	5.2	14.9	6.5	7.8	12.3	7.8	20.1	5.9	154				
1999-2000	9.5	4.8	4.1	6.8	4.8	13.6	8.2	9.5	12.2	6.8	19.7	5.9	147				
2000-01	7.8	4.7	4.7	6.2	3.9	10.2	7.8	7.8	21.1	3.9	21.9	6.2	128				
2001-02	11.1	3.3	8.9	4.4	3.3	13.3	5.6	4.4	20.0	4.4	21.1	5.9	90				
2002-03	14.1	0	4.2	2.8	2.8	16.9	7.0	14.1	14.1	2.8	21.1	6.0	71				

APPENDIX G: Party-boat Fishing Estimates for the U. S. Exclusive Economic Zone (EEZ) off Texas

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Table G.1. Number of days surveyed, number of party-boat interviews, and number of party-boat anglers interviewed in the EEZ by area and year (1983-2003).

Item Year	Area						Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Number of days surveyed							
1983-84		26	107	93	63		289
1984-85		27	111	103	66		307
1985-86		23	105	123	51		302
1986-87		25	108	116	60		309
1987-88	16	23	118	116	47		320
1988-89	17	24	119	84	40		284
1989-90	17	30	88	86	19		240
1990-91	13	26	80	72	18		209
1991-92	22	27	94	66	33		242
1992-93	33	24	101	55	43		256
1993-94	26	34	109	62	43		274
1994-95	26	34	127	64	51		302
1995-96	39	47	127	54	53		320
1996-97	33	44	116	56	44		293
1997-98	33	40	118	62	43		296
1998-99	33	48	112	51	49		293
1999-2000	24	46	113	55	37		275
2000-01	24	49	114	59	46		292
2001-02	28	43	96	53	54		274
2002-03	23	41	91	62	52		269
Number of interviews							
1983-84		1	1	15	9		26
1984-85		0	0	7	6		13
1985-86		0	0	9	10		19
1986-87		1	4	3	11		19
1987-88	0	0	4	6	7		17
1988-89	0	0	3	6	2		11
1989-90	0	0	3	1	0		4
1990-91	0	0	3	2	0		5
1991-92	0	0	4	1	5		10
1992-93	0	1	1	0	0		2
1993-94	0	0	0	0	0		0
1994-95	0	1	0	3	2		6
1995-96	3	0	0	1	2		6
1996-97	5	1	4	2	0		12
1997-98	4	2	4	7	1		18
1998-99	3	6	10	5	2		26
1999-2000	3	11	5	4	0		22

Table G.1. (Cont'd.)

Item Year	Area						Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Number of interviews (Cont'd.)							
2000-01	0	2	12	5	0	19	
2001-02	3	8	4	7	0	22	
2002-03	0	5	14	4	1	24	
Number of anglers interviewed							
1983-84		4	6	63	29	102	
1984-85		0	0	34	31	65	
1985-86		0	0	35	38	73	
1986-87		3	30	13	52	98	
1987-88	0	0	20	20	26	66	
1988-89	0	0	14	25	12	51	
1989-90	0	0	13	4	0	17	
1990-91	0	0	15	6	0	21	
1991-92	0	0	23	5	15	43	
1992-93	0	3	4	0	0	7	
1993-94	0	0	0	0	0	0	
1994-95	0	6	0	13	9	28	
1995-96	22	0	0	7	6	35	
1996-97	33	6	20	13	0	72	
1997-98	24	11	24	36	4	99	
1998-99	19	25	55	30	14	143	
1999-2000	18	48	28	20	0	114	
2000-01	0	12	61	23	0	96	
2001-02	18	41	22	36	0	117	
2002-03	0	24	77	19	5	125	

Table G.2. Estimated annual fishing pressure (man-h x 1,000) \pm 1 SE, mean fishing-party size (no. of anglers), and mean trip length (h) for party-boat anglers in the EEZ by area and year (1983-2003). Blanks indicate no interviews conducted.

Item	Area						Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Pressure ^a							
1983-84		5.1 \pm 5.1	0.5 \pm 0.5	44.2 \pm 29.7	5.3 \pm 2.0	55.2 \pm 30.2	
1984-85				16.4 \pm 10.4	9.8 \pm 5.9	26.2 \pm 12.0	
1985-86				10.7 \pm 6.0	7.9 \pm 3.0	18.6 \pm 6.7	
1986-87		2.3 \pm 2.3	14.9 \pm 13.5	12.7 \pm 7.2	33.3 \pm 22.7	63.1 \pm 27.5	
1987-88			1.9 \pm 1.0	16.1 \pm 13.7	7.5 \pm 3.5	25.4 \pm 14.2	
1988-89			1.3 \pm 0.8	17.7 \pm 10.3	6.5 \pm 4.5	25.4 \pm 11.3	
1989-90			2.9 \pm 1.7	8.4 \pm 8.4		11.3 \pm 8.6	
1990-91			2.4 \pm 1.4	8.0 \pm 6.1		10.4 \pm 6.2	
1991-92			3.1 \pm 1.6	0.6 \pm 0.6	6.0 \pm 2.7	9.6 \pm 3.2	
1992-93			0.4 \pm 0.4			4.8 \pm 4.4	
1993-94							
1994-95				10.2 \pm 9.9	6.5 \pm 4.6	25.6 \pm 14.1	
1995-96	3.5 \pm 2.6	8.9 \pm 8.9		9.8 \pm 9.8	1.4 \pm 1.0	14.7 \pm 10.2	
1996-97	3.5 \pm 2.2	7.8 \pm 7.8	5.5 \pm 2.8	20.5 \pm 17.1		37.3 \pm 19.1	
1997-98	2.9 \pm 1.5	4.4 \pm 3.4	6.4 \pm 3.6	25.8 \pm 24.3	1.2 \pm 1.2	40.6 \pm 24.9	
1998-99	2.0 \pm 1.2	5.8 \pm 3.0	11.8 \pm 4.5	36.4 \pm 36.4	3.1 \pm 2.2	59.0 \pm 36.8	
1999-2000	1.5 \pm 0.7	22.4 \pm 11.3	3.7 \pm 1.9	26.6 \pm 20.5		54.1 \pm 23.5	
2000-01		5.0 \pm 3.6	11.0 \pm 4.7	14.8 \pm 14.8		31.0 \pm 16.1	
2001-02	1.2 \pm 0.06	10.3 \pm 4.5	3.6 \pm 1.8	29.9 \pm 17.7		24.4 \pm 10.3	
2002-03	\pm	3.4 \pm 1.9	14.6 \pm 4.4	20.5 \pm 12.6	1.2 \pm 1.2	39.6 \pm 13.6	
Party size							
1983-84		4.0	6.0	4.2	3.2	3.9	
1984-85				4.9	5.2	5.0	
1985-86				3.9	3.8	3.8	
1986-87		3.0	7.5	4.3	4.7	5.2	
1987-88			5.0	3.3	3.7	3.9	
1988-89			4.7	4.2	6.0	4.6	
1989-90			4.3	4.0		4.3	
1990-91			5.0	3.0		4.2	
1991-92			5.8	5.0		4.3	
1992-93		3.0	4.0	5.0	3.0	4.3	
1993-94						3.5	
1994-95							
1995-96	7.3	6.0		4.3	4.5	4.7	
1996-97	6.6	6.0		7.0	3.0	5.8	
1997-98	6.0	5.5	5.0	6.5	4.0	6.0	
1998-99	6.3	4.2	6.0	5.1	4.0	5.5	
1999-2000	6.0	4.4	5.5	6.0	7.0	5.5	
2000-01		6.0	5.6	5.0		5.0	
2001-02	6.0	6.0	5.1	4.6		5.0	
2002-03		4.8	5.5	5.1	5	5.3	
			5.5	4.8		5.2	

Table G.2. (Cont'd.)

Item Year	Area						Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Trip length							
1983-84		8.5	8.5	8.0	7.2		7.8
1984-85				7.8	5.9		6.9
1985-86				7.4	6.2		6.8
1986-87		10.0	8.5	9.8	6.4		7.6
1987-88			9.8	7.9	6.9		7.9
1988-89			8.8	9.1	6.0		8.5
1989-90			10.2	9.5			10.0
1990-91			9.5	8.3			9.0
1991-92		9.0	10.0	7.5	7.1		8.3
1992-93			10.0				9.5
1993-94							
1994-95		7.5		8.5	10.0		8.8
1995-96	10.7			9.0	5.0		8.5
1996-97	10.7	11.0	8.3	8.5			9.5
1997-98	9.8	8.5	10.1	8.6	4.0		8.9
1998-99	8.7	7.9	8.6	8.3	7.5		8.3
1999-2000	9.3	8.4	8.1	9.0			8.5
2000-01		9.0	9.3	9.1			9.2
2001-02	9.5	9.2	10.6	8.7			9.4
2002-03		7.3	9.8	10.1	9.0		9.3

* Due to rounding of numbers, coastwide totals may not exactly equal sum of area totals.

Table G.3. Estimated annual landings of fishes (no. x 1,000) ± 1 SE caught by party-boat anglers in the EEZ by area, species, and year (1983-2003). Blanks indicate no interviews conducted.

Species Year	Area						Coastwide ^a
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Atlantic croaker							
1983-84		0.0	0.0	0.0		0.0	0.0
1984-85				0.0		0.0	0.0
1985-86				0.0		0.0	0.0
1986-87		0.0		0.0		0.0	0.0
1987-88			0.0	0.0		0.0	0.0
1988-89			0.0	0.0		0.0	0.0
1989-90			<.1 ± <.1	0.0		0.0	<.1 ± <.1
1990-91			0.0	0.0		0.0	0.0
1991-92			0.0	0.0		0.0	0.0
1992-93		0.0	0.0	0.0		0.0	0.0
1993-94			0.0			0.0	0.0
1994-95		0.0		0.0		0.0	0.0
1995-96	0.0			0.0		0.0	0.0
1996-97	0.0		0.0	0.0		0.0	0.0
1997-98	0.0		0.0	0.0		0.0	0.0
1998-99	0.0		0.0	0.0		0.0	0.0
1999-2000	0.0		0.0	0.0		0.0	0.0
2000-01	0.0		0.0	0.0		0.0	0.0
2001-02			0.0	0.0		0.0	0.0
2002-03			0.0	0.0		0.0	0.0
Atlantic sharpnose shark							
1983-84		0.0	0.0	<.1 ± <.1		0.0	<.1 ± <.1
1984-85				0.0		0.0	0.0
1985-86				<.1 ± <.1		0.1 ± 0.1	0.1 ± 0.1
1986-87				1.2 ± 1.1		0.0	1.3 ± 1.1
1987-88		0.1 ± 0.1	0.0	0.0		0.0	<.1 ± <.1
1988-89			<.1 ± <.1	0.4 ± 0.4		0.0	0.6 ± 0.4
1989-90			0.2 ± 0.1	0.0		0.0	0.0
1990-91			<.1 ± <.1	0.0		0.0	<.1 ± <.1
1991-92			0.1 ± 0.1	0.0		0.0	0.1 ± 0.1
1992-93		0.0	<.1 ± <.1	0.0		0.0	<.1 ± <.1
1993-94							
1994-95		0.0		0.0		0.0	0.0
1995-96	0.0			0.0		0.0	0.0
1996-97	0.0		0.0	0.0		0.0	0.0
1997-98	<.1 ± <.1		0.0	0.0		0.0	<.1 ± <.1
1998-99	<.1 ± <.1	<.1 ± <.1	0.0	1.5 ± 1.5		0.0	1.5 ± 1.5
1999-2000	0.0	0.0	0.1 ± 0.1	0.0		0.0	0.1 ± 0.1
2000-01		0.0	<.1 ± <.1	0.0		0.0	<.1 ± <.1
2001-02	<.1 ± <.1	0.0	<.1 ± <.1	0.8 ± 0.7		0.0	0.8 ± 0.7
2002-03		<.1 ± <.1	0.2 ± 0.1	0.3 ± 0.3		0.0	0.6 ± 0.4

Table G.3. (Cont'd.)

Species Year	Area						Coastwide ^a
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Atlantic spadefish							
1983-84		0.0	0.0	0.0	0.0	0.0	0.0
1984-85				0.0	0.0	0.0	0.0
1985-86				0.0	0.0	0.0	0.0
1986-87		0.0	0.0	0.0	0.0	0.0	0.0
1987-88			0.0	0.0	0.0	0.0	0.0
1988-89			<.1 ± <.1	0.0	0.0	<.1 ± <.1	<.1 ± <.1
1989-90			0.3 ± 0.3	0.0	0.0	0.3 ± 0.3	0.3 ± 0.3
1990-91			0.0	0.0	0.0	0.0	0.0
1991-92			0.0	0.0	0.0	0.0	0.0
1992-93			0.0	0.0	0.0	0.0	0.0
1993-94							
1994-95							
1995-96							
1996-97	0.0						0.0
1997-98	<.1 ± <.1		0.1 ± 0.1	0.0	0.0	0.0	0.0
1998-99	0.0		<.1 ± <.1	0.0	0.0	0.0	0.1 ± 0.1
1999-2000	0.0		0.0	0.3 ± 0.3	0.0	0.0	<.1 ± <.1
2000-01			0.0	0.0	0.0	0.0	0.3 ± 0.3
2001-02	<.1 ± <.1		0.0	0.0	0.0	0.0	<.1 ± <.1
2002-03			<.1 ± <.1	0.0	0.0	0.0	<.1 ± <.1
Black drum							
1983-84		0.0	0.0	0.0	0.0	0.0	0.0
1984-85				0.0	0.0	0.0	0.0
1985-86				0.0	0.0	0.0	0.0
1986-87		0.0	0.0	0.0	0.0	0.0	0.0
1987-88			0.0	0.0	0.0	0.0	0.0
1988-89			0.0	0.0	0.0	0.0	0.0
1989-90			0.0	0.0	0.0	0.0	0.0
1990-91			0.0	0.0	0.0	0.0	0.0
1991-92			0.0	0.0	0.0	0.0	0.0
1992-93			<.1 ± <.1	0.0	0.0	0.0	<.1 ± <.1
1993-94			0.0				0.0
1994-95							
1995-96	0.0						0.0
1996-97	0.0						0.0
1997-98	0.0		0.0				0.0
1998-99	0.1 ± 0.1		0.0				0.0
1999-2000	0.0		0.0				0.1 ± 0.1
2000-01			0.0				0.0
2001-02	0.0		0.0				0.0
2002-03			0.0				0.0

Table G.3. (Cont'd.)

Species Year	Area						Coastwide ^a
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Blacktip shark							
1983-84		0.0	0.0	0.4 ± 0.4	0.0	0.0	0.4 ± 0.4
1984-85				0.0	0.0	0.0	0.0
1985-86				<.1 ± <.1			<.1 ± <.1
1986-87		0.0		0.0	0.0	0.0	0.0
1987-88			0.0	0.0	0.0	0.0	0.0
1988-89			<.1 ± <.1	0.2 ± 0.2	0.0	0.0	0.2 ± 0.2
1989-90			0.0	0.0	0.0	0.0	0.0
1990-91			0.0	0.0	0.0	0.0	0.0
1991-92			<.1 ± <.1	0.0	0.0	0.0	<.1 ± <.1
1992-93		0.0	0.0	0.0	0.0	0.0	0.0
1993-94							
1994-95		0.0		0.0	0.0	0.0	0.0
1995-96		0.0		0.0	0.0	0.0	0.0
1996-97		0.0	0.0	0.0	0.0	0.0	0.0
1997-98		0.0	0.0	0.0	0.0	0.0	0.0
1998-99	<.1 ± <.1	<.1 ± <.1	0.0	0.1 ± 0.1	0.0	0.0	0.2 ± 0.1
1999-2000	<.1 ± <.1	0.0	0.0	0.3 ± 0.3	0.0	0.0	0.3 ± 0.3
2000-01		0.0	<.1 ± <.1	0.0	0.0	0.0	<.1 ± <.1
2001-02		0.0	0.0	0.0	0.0	0.0	0.0
2002-03		0.1 ± 0.1	<.1 ± <.1	0.0	0.0	0.0	0.1 ± 0.1
Cobia							
1983-84		0.0	0.0	0.0	0.0	0.0	0.0
1984-85				0.0	0.0	0.0	0.0
1985-86				<.1 ± <.1			<.1 ± <.1
1986-87		0.0	0.1 ± 0.1	0.0	0.0	0.0	0.1 ± 0.1
1987-88			0.0	0.0	0.0	0.0	0.0
1988-89			0.0	0.0	0.0	0.0	0.0
1989-90			0.0	0.0	0.0	0.0	0.0
1990-91			0.0	0.0	0.0	0.0	0.0
1991-92			0.0	0.0	0.0	0.0	0.0
1992-93		0.0	0.0	0.0	0.0	0.0	0.0
1993-94			0.0				0.0
1994-95		0.0					0.0
1995-96	0.0			0.0	0.0	0.0	0.0
1996-97	0.2 ± 0.2	0.2 ± 0.2	0.1 ± 0.1	0.0	0.0	0.0	0.5 ± 0.3
1997-98	0.0	<.1 ± <.1	0.1 ± <.1	0.0	0.0	0.0	0.4 ± 0.3
1998-99	<.1 ± <.1	0.1 ± 0.1	0.1 ± 0.1	0.3 ± 0.3	0.0	0.0	0.4 ± 0.2
1999-2000	<.1 ± <.1	0.3 ± 0.3	<.1 ± <.1	0.3 ± 0.2	0.0	0.0	0.6 ± 0.3
2000-01		0.0	0.1 ± 0.1	0.0	0.0	0.0	0.1 ± 0.1
2001-02	0.0	0.1 ± 0.1	<.1 ± <.1	0.0	0.0	0.0	0.1 ± 0.1
2002-03		<.1 ± <.1	0.1 ± <.1	0.3 ± 0.2	0.0	0.0	0.4 ± 0.2

Table G.3. (Cont'd.)

Species Year	Area						Coastwide*
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Dolphin							
1983-84		0.0	0.0	0.4 ± 0.4	<.1 ± <.1	0.4 ± 0.4	0.4 ± 0.4
1984-85				2.9 ± 2.8	<.1 ± <.1	2.9 ± 2.8	2.9 ± 2.8
1985-86		0.4 ± 0.4	<.1 ± <.1	0.1 ± 0.1	0.2 ± 0.2	0.3 ± 0.2	0.3 ± 0.2
1986-87			<.1 ± <.1	1.8 ± 1.8	0.1 ± 0.1	2.3 ± 1.8	2.3 ± 1.8
1987-88			0.0	1.0 ± 0.9	<.1 ± <.1	1.1 ± 0.9	1.1 ± 0.9
1988-89			0.0	0.3 ± 0.3	0.1 ± 0.1	0.4 ± 0.3	0.4 ± 0.3
1989-90			0.0	5.5 ± 5.5		5.5 ± 5.5	5.5 ± 5.5
1990-91			0.0	3.6 ± 3.0		3.6 ± 3.0	3.6 ± 3.0
1991-92			<.1 ± <.1	0.0	0.3 ± 0.2	0.3 ± 0.2	0.3 ± 0.2
1992-93		0.0	0.0			0.0	0.0
1993-94		0.0		0.0	0.0	0.0	0.0
1994-95		0.0	0.1 ± 0.1	0.0	0.2 ± 0.2	0.2 ± 0.2	0.2 ± 0.2
1995-96		0.0	<.1 ± <.1	0.0		0.1 ± 0.1	0.1 ± 0.1
1996-97		0.0	0.0	3.2 ± 3.2	0.0	3.2 ± 3.2	3.2 ± 3.2
1997-98		<.1 ± <.1	0.0	0.1 ± 0.1	0.1 ± 0.1	0.3 ± 0.2	0.3 ± 0.2
1998-99		2.9 ± 2.7	0.0	0.2 ± 0.2		3.1 ± 2.7	3.1 ± 2.7
1999-2000		0.0	<.1 ± <.1	0.0		<.1 ± <.1	<.1 ± <.1
2000-01		0.0	0.0	2.3 ± 2.1		2.6 ± 2.1	2.6 ± 2.1
2001-02		0.3 ± 0.2	0.0	0.5 ± 0.5	0.0	0.9 ± 0.6	0.9 ± 0.6
2002-03		0.0	0.4 ± 0.3				
Gray triggerfish							
1983-84		0.0	0.0	0.0	0.0	0.0	0.0
1984-85				0.0	0.0	0.0	0.0
1985-86				0.0	0.0	0.0	0.0
1986-87		0.0	0.0	0.0	0.0	0.0	0.0
1987-88			0.0	0.0	0.0	0.0	0.0
1988-89			<.1 ± <.1	0.0	0.0	<.1 ± <.1	<.1 ± <.1
1989-90			<.1 ± <.1	0.0	0.0	<.1 ± <.1	<.1 ± <.1
1990-91			0.0	0.0	0.0	0.0	0.0
1991-92			<.1 ± <.1	0.0	0.0	<.1 ± <.1	<.1 ± <.1
1992-93		0.0	0.0			0.0	0.0
1993-94							
1994-95		0.0		0.3 ± 0.3	0.0	0.3 ± 0.3	0.3 ± 0.3
1995-96		0.0		0.0	0.0	0.0	0.0
1996-97		0.0	0.0	0.0	0.0	0.0	0.0
1997-98		0.0	0.0	0.9 ± 0.9	0.0	0.9 ± 0.9	0.9 ± 0.9
1998-99		<.1 ± <.1	0.1 ± 0.1	0.0	0.0	0.1 ± <.1	0.1 ± <.1
1999-2000		0.0	0.0	0.5 ± 0.4	0.0	0.5 ± 0.4	0.5 ± 0.4
2000-01		0.0	0.0	0.0	0.0	0.0	0.0
2001-02		0.2 ± 0.2	0.1 ± 0.1	1.2 ± 0.8		1.5 ± 0.8	1.5 ± 0.8
2002-03		0.1 ± 0.1	0.1 ± 0.1	0.3 ± 0.3		0.5 ± 0.4	0.5 ± 0.4

Table G.3. (Cont'd.)

Species Year	Area						Coastwide ^a
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Greater amberjack							
1983-84		0.0	0.0	0.0	0.0	0.0	0.0
1984-85				0.0	0.0	0.0	0.0
1985-86				0.0	0.0	0.0	0.0
1986-87		0.0	0.0	0.0	0.0	0.2 ± 0.2	0.2 ± 0.2
1987-88			0.0	0.0	0.0	0.0	0.0
1988-89			<1 ± <1	0.0	0.0	0.0	<1 ± <1
1989-90			0.2 ± 0.2	0.0	0.0	0.0	0.2 ± 0.2
1990-91			0.0	0.0	0.0	0.0	0.0
1991-92			0.0	0.0	0.0	0.0	0.0
1992-93			0.0	0.0	0.0	0.0	0.0
1993-94							
1994-95							
1995-96							
1996-97	0.2 ± 0.2	0.0		0.0	0.0	0.0	0.0
1997-98	0.0	0.0	0.1 ± 0.1	0.0	0.0	0.0	0.2 ± 0.2
1998-99	0.0	0.0	0.1 ± 0.1	<1 ± <1	0.0	0.0	0.1 ± 0.1
1999-2000	0.0	0.0	<1 ± <1	0.0	0.0	0.0	<1 ± <1
2000-01	0.0	0.0	<1 ± <1	0.0	0.0	0.0	<1 ± <1
2001-02	0.0	0.1 ± 0.1	0.1 ± 0.1	0.0	0.0	0.0	0.1 ± 0.1
2002-03		0.0	0.2 ± 0.1	0.0	0.0	0.0	0.3 ± 0.1
			0.5 ± 0.3	0.8 ± 0.8	0.0	0.0	1.3 ± 0.9
King mackerel							
1983-84		1.7 ± 1.7	0.1 ± 0.1	5.0 ± 3.2	0.3 ± 0.2	7.0 ± 3.7	7.0 ± 3.7
1984-85				1.8 ± 1.5	0.1 ± 0.1	2.0 ± 1.5	2.0 ± 1.5
1985-86				1.0 ± 0.9	<1 ± <1	1.1 ± 0.9	1.1 ± 0.9
1986-87		0.0		1.1 ± 0.9	0.2 ± 0.2	1.4 ± 0.9	1.4 ± 0.9
1987-88			0.1 ± 0.1	1.9 ± 1.6	0.6 ± 0.5	2.6 ± 1.7	2.6 ± 1.7
1988-89			0.2 ± 0.1	2.3 ± 1.4	0.1 ± 0.1	2.5 ± 1.4	2.5 ± 1.4
1989-90			0.3 ± 0.2	0.2 ± 0.2		0.5 ± 0.3	0.5 ± 0.3
1990-91			<1 ± <1	1.5 ± 1.1		1.5 ± 1.1	1.5 ± 1.1
1991-92			0.1 ± 0.1	0.1 ± 0.1	0.5 ± 0.3	0.7 ± 0.4	0.7 ± 0.4
1992-93		0.2 ± 0.2	0.0	0.1 ± 0.1		0.2 ± 0.2	0.2 ± 0.2
1993-94							
1994-95		0.0					
1995-96	0.2 ± 0.1			0.1 ± 0.1	0.7 ± 0.6	0.8 ± 0.7	0.8 ± 0.7
1996-97	0.1 ± 0.1			0.6 ± 0.6	0.1 ± 0.1	0.9 ± 0.6	0.9 ± 0.6
1997-98	<1 ± <1	0.4 ± 0.4	0.4 ± 0.4	4.3 ± 3.6		4.8 ± 3.6	4.8 ± 3.6
1998-99	0.0	0.1 ± 0.1	0.4 ± 0.4	8.7 ± 8.7	0.0	5.0 ± 4.1	5.0 ± 4.1
1999-2000	0.1 ± 0.1	4.2 ± 2.5	0.5 ± 0.3	3.1 ± 2.2	0.0	7.5 ± 3.3	7.5 ± 3.3
2000-01		0.6 ± 0.4	0.2 ± 0.1	1.1 ± 1.1		2.4 ± 1.3	2.4 ± 1.3
2001-02	<1 ± <1	1.1 ± 0.6	0.7 ± 0.4	2.1 ± 1.7		3.4 ± 1.8	3.4 ± 1.8
2002-03		0.2 ± 0.1	0.2 ± 0.2	2.3 ± 1.9	0.0	3.0 ± 1.9	3.0 ± 1.9
			0.6 ± 0.2				

Table G.3. (Cont'd.)

Species Year	Area						Coastwide ^a
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Lane snapper							
1983-84		0.0	0.0	0.0	0.0	0.0	0.0
1984-85				0.0	0.0	0.0	0.0
1985-86				0.0	0.0	0.0	0.0
1986-87		0.0	0.0	0.0	0.0	0.0	0.0
1987-88			0.0	0.0	0.0	<.1 ± <.1	<.1 ± <.1
1988-89			0.0	0.0	0.0	0.0	0.0
1989-90			0.0	0.0	0.0	0.0	0.0
1990-91			0.0	0.0	0.0	0.0	0.0
1991-92			0.0	0.0	0.0	0.0	0.0
1992-93		0.0	0.0	0.0	0.0	0.0	0.0
1993-94							
1994-95		0.0		0.0	0.0	0.0	0.0
1995-96	0.0	0.0		0.0	0.0	0.0	0.0
1996-97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1997-98	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1998-99	0.0	<.1 ± <.1	0.1 ± <.1	0.0	0.0	0.0	0.1 ± <.1
1999-2000	0.0	0.0	0.0	0.3 ± 0.3	0.0	0.0	0.3 ± 0.3
2000-01	0.0	0.0	0.1 ± 0.1	0.0	0.0	0.0	0.1 ± 0.1
2001-02	0.0	0.0	0.0	0.4 ± 0.4	0.0	0.0	0.4 ± 0.4
2002-03		<.1 ± <.1	0.1 ± 0.1	0.0	0.0	0.0	0.1 ± 0.1
Little tunny							
1983-84		0.2 ± 0.2	0.0	1.1 ± 0.8	0.0	0.0	1.3 ± 0.8
1984-85				0.0		1.8 ± 1.3	1.8 ± 1.3
1985-86				0.3 ± 0.3		0.5 ± 0.3	0.8 ± 0.4
1986-87		0.0	0.0	0.0		6.5 ± 4.1	6.5 ± 4.1
1987-88			0.0	0.2 ± 0.2		1.2 ± 1.0	1.4 ± 1.0
1988-89			0.0	0.0		1.0 ± 0.9	1.0 ± 0.9
1989-90			0.0	0.0		0.0	0.0
1990-91			0.0	0.0		0.0	0.0
1991-92			<.1 ± <.1	0.0		0.1 ± 0.1	0.1 ± 0.1
1992-93			0.0	0.0		0.0	0.0
1993-94							
1994-95		0.0		0.0		0.2 ± 0.2	0.2 ± 0.2
1995-96	0.0	0.0	0.1 ± 0.1	0.2 ± 0.2		0.0	0.2 ± 0.2
1996-97	0.0	0.0	0.0	0.0		0.0	0.2 ± 0.2
1997-98	0.0	0.0	0.0	<.1 ± <.1		2.0 ± 2.0	0.1 ± 0.1
1998-99	0.0	0.0	0.0	0.0		0.0	2.0 ± 2.0
1999-2000	0.0	0.0	0.0	0.0		0.0	0.0
2000-01	0.0	0.0	0.0	0.0		0.0	0.0
2001-02	0.0	0.0	0.0	0.0		0.0	0.0
2002-03		0.0	0.0	0.0		0.0	0.0

Table G.3. (Cont'd.)

Species Year	Area						Coastwide ^a
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Red drum							
1983-84		0.0	0.0	0.0	0.0	0.0	0.0
1984-85				0.0	0.0	0.0	0.0
1985-86				0.0	0.0	0.0	0.0
1986-87		0.0	0.0	0.0	0.0	0.0	0.0
1987-88			0.0	0.0	0.0	0.0	0.0
1988-89			0.0	0.0	0.0	0.0	0.0
1989-90			0.0	0.0	0.0	0.0	0.0
1990-91			0.0	0.0	0.0	0.0	0.0
1991-92			<.1 ± <.1	0.0	0.0	0.0	<.1 ± <.1
1992-93		0.0	0.0	0.0	0.0	0.0	0.0
1993-94							
1994-95		0.0		0.0	0.0	0.0	0.0
1995-96				0.0	0.0	0.0	0.0
1996-97	<.1 ± <.1	0.0	0.2 ± 0.2	0.0	0.0	0.0	0.2 ± 0.2
1997-98	0.0	0.0	<.1 ± <.1	0.0	0.0	0.0	<.1 ± <.1
1998-99	0.0	<.1 ± <.1	<.1 ± <.1	0.0	0.0	0.0	0.1 ± 0.1
1999-2000	0.0		0.0	0.0	0.0	0.0	0.0
2000-01		0.0	<.1 ± <.1	0.0	0.0	0.0	<.1 ± <.1
2001-02	<.1 ± <.1	0.0	0.0	0.0	0.0	0.0	<.1 ± <.1
2002-03		0.0	0.0	0.0	0.0	0.0	0.0
Red snapper							
1983-84		0.0	<.1 ± <.1	0.0	0.0	6.8 ± 4.0	6.9 ± 4.0
1984-85				0.0	0.0	0.6 ± 0.6	0.6 ± 0.6
1985-86				3.3 ± 2.9	1.0 ± 0.7	4.4 ± 3.0	4.4 ± 3.0
1986-87		0.0	0.4 ± 0.4	0.0	5.1 ± 5.1	5.6 ± 5.2	5.6 ± 5.2
1987-88			<.1 ± <.1	0.0	9.2 ± 6.8	9.2 ± 6.8	9.2 ± 6.8
1988-89			0.5 ± 0.4	0.0	0.0	0.5 ± 0.4	0.5 ± 0.4
1989-90			0.3 ± 0.2	0.0	0.0	0.3 ± 0.2	0.3 ± 0.2
1990-91			0.0	0.0	0.0	0.0	0.0
1991-92			0.7 ± 0.5	0.0	0.0	0.7 ± 0.5	0.7 ± 0.5
1992-93		0.0	0.4 ± 0.4	0.0	0.0	0.4 ± 0.4	0.4 ± 0.4
1993-94							
1994-95		3.4 ± 3.4		2.9 ± 2.9	3.0 ± 2.1	9.3 ± 5.0	9.3 ± 5.0
1995-96	1.6 ± 1.2			0.0	0.0	1.6 ± 1.2	1.6 ± 1.2
1996-97	1.6 ± 1.0	3.6 ± 3.6	1.2 ± 0.7	0.3 ± 0.3	0.0	6.7 ± 3.8	6.7 ± 3.8
1997-98	1.2 ± 0.7	1.2 ± 0.9	2.1 ± 1.1	2.5 ± 2.5	0.0	7.1 ± 3.0	7.1 ± 3.0
1998-99	0.2 ± 0.2	1.6 ± 1.3	3.6 ± 1.5	5.0 ± 5.0	0.2 ± 0.2	10.5 ± 5.3	10.5 ± 5.3
1999-2000	0.2 ± 0.1	0.3 ± 0.3	0.2 ± 0.1	3.2 ± 2.6		3.9 ± 2.7	3.9 ± 2.7
2000-01		0.3 ± 0.2	2.9 ± 1.2	1.0 ± 1.0		4.2 ± 1.6	4.2 ± 1.6
2001-02	0.2 ± 0.1	3.2 ± 1.8	1.2 ± 0.6	8.2 ± 4.8		12.8 ± 5.2	12.8 ± 5.2
2002-03		0.6 ± 0.5	5.4 ± 1.6	9.4 ± 5.9	0.5 ± 0.5	16.0 ± 6.1	16.0 ± 6.1

Table G.3. (Cont'd.)

Species Year	Area						Coastwide ^a
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Sand seatrout							
1983-84		0.0	0.0	0.0	0.0	0.0	0.0
1984-85						0.0	0.0
1985-86						0.0	0.0
1986-87		0.0	0.0	0.0	0.0	0.0	0.0
1987-88			0.0	0.0	0.0	0.0	0.0
1988-89			0.0	0.0	0.0	0.0	0.0
1989-90			0.0	0.0	0.0	0.0	0.0
1990-91			0.0	0.0	0.0	0.0	0.0
1991-92			0.0	0.0	0.0	0.0	0.0
1992-93		0.0	0.0	0.0	0.0	0.0	0.0
1993-94						0.0	0.0
1994-95						0.0	0.0
1995-96	0.0					0.0	0.0
1996-97	0.0		0.0			0.0	0.0
1997-98	0.0		0.0			0.0	0.0
1998-99	<.1 ± <.1		<.1 ± <.1			0.0	<.1 ± <.1
1999-2000	0.0		0.0			0.0	0.0
2000-01			0.0			0.0	0.0
2001-02	<.1 ± <.1		0.0			0.0	0.0
2002-03			0.0			0.0	0.0
Spanish mackerel							
1983-84		0.3 ± 0.3	0.0			0.3 ± 0.3	0.6 ± 0.4
1984-85						0.1 ± 0.1	0.1 ± 0.1
1985-86						0.0	<.1 ± <.1
1986-87		0.1 ± 0.1	0.0			0.0	0.1 ± 0.1
1987-88			<.1 ± <.1			0.1 ± 0.1	0.1 ± 0.1
1988-89			<.1 ± <.1			0.0	0.1 ± 0.1
1989-90			<.1 ± <.1			0.0	<.1 ± <.1
1990-91			0.2 ± 0.2			0.0	0.2 ± 0.2
1991-92			0.1 ± 0.1			0.0	0.2 ± 0.1
1992-93			0.0			0.1 ± 0.1	0.0
1993-94						0.0	0.0
1994-95						0.0	0.0
1995-96	<.1 ± <.1					0.0	0.1 ± 0.1
1996-97	<.1 ± <.1		0.0			0.0	<.1 ± <.1
1997-98	0.0	0.1 ± 0.1	0.0			0.0	0.2 ± 0.2
1998-99	0.0	<.1 ± <.1	0.0			0.0	<.1 ± <.1
1999-2000	0.0	<.1 ± <.1	0.0			0.2 ± 0.2	0.2 ± 0.2
2000-01	0.0	0.3 ± 0.2	0.0			0.0	0.3 ± 0.2
2001-02		0.0	0.0			0.0	<.1 ± <.1
2002-03			<.1 ± <.1			0.0	<.1 ± <.1

Table G.3. (Cont'd.)

Species Year	Area						Coastwide ^a
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Spotted seatrout							
1983-84		0.0	0.0	0.0		0.0	0.0
1984-85				0.0		0.0	0.0
1985-86				0.0		0.0	0.0
1986-87		0.0	0.0	0.0		0.0	0.0
1987-88			0.0	0.0		0.0	0.0
1988-89			0.0	0.0		0.0	0.0
1989-90			0.0	0.0		0.0	0.0
1990-91			0.0	0.0		0.0	0.0
1991-92			0.0	0.0		0.0	0.0
1992-93			0.0	0.0		0.0	0.0
1993-94			0.0	0.0		0.0	0.0
1994-95			0.0	0.0		0.0	0.0
1995-96			0.0	0.0		0.0	0.0
1996-97			0.0	0.0		0.0	0.0
1997-98	<1 ± <1		0.0	0.0		0.0	<1 ± <1
1998-99	0.0		0.0	0.0		0.0	0.0
1999-2000	0.0		0.0	0.0		0.0	0.0
2000-01			0.0	0.0		0.0	0.0
2001-02	0.0		0.0	0.0		0.0	0.0
2002-03			0.3 ± 0.3	0.0		0.0	0.3 ± 0.3
Vermilion snapper							
1983-84			0.0	0.0		0.0	0.0
1984-85				0.0		0.0	0.0
1985-86				0.0		0.0	0.0
1986-87		0.0	0.0	0.0		0.0	0.0
1987-88			0.0	0.0		0.0	0.0
1988-89			0.0	0.0		0.0	0.0
1989-90			0.0	0.0		0.0	0.0
1990-91			0.0	0.0		0.0	0.0
1991-92			0.0	0.0		0.0	0.0
1992-93			0.0	0.0		0.0	0.0
1993-94			0.0	0.0		0.0	0.0
1994-95			0.0	0.0		0.0	0.0
1995-96	0.0			0.0		0.0	0.0
1996-97	0.0			0.0		0.0	0.0
1997-98	0.0		0.1 ± 0.1	0.0		0.0	0.1 ± 0.1
1998-99	0.0		0.2 ± 0.2	0.0		0.0	0.2 ± 0.2
1999-2000	0.0		0.0	0.4 ± 0.4		0.0	0.4 ± 0.4
2000-01			0.1 ± 0.1	0.0		0.0	0.1 ± 0.1
2001-02	<1 ± <1		<1 ± <1	0.9 ± 0.8		0.0	0.9 ± 0.8
2002-03			<1 ± <1	0.5 ± 0.5		0.0	0.5 ± 0.5

Table G.3. (Cont'd.)

Species Year	Area						Coastwide ^a
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Other species							
1983-84		0.0	<.1 ± <.1	2.2 ± 1.4	1.1 ± 0.7	3.4 ± 1.5	
1984-85				0.1 ± 0.1	0.0	0.1 ± 0.1	
1985-86				0.5 ± 0.5	0.4 ± 0.2	0.9 ± 0.5	
1986-87		0.0	4.5 ± 4.4	0.1 ± 0.1	1.2 ± 0.9	5.8 ± 4.5	
1987-88			<.1 ± <.1	0.0	1.4 ± 0.9	1.4 ± 0.9	
1988-89			<.1 ± <.1	0.1 ± 0.1	0.0	0.1 ± 0.1	
1989-90			<.1 ± <.1	2.0 ± 2.0		2.0 ± 2.0	
1990-91			<.1 ± <.1	0.0		<.1 ± <.1	
1991-92			<.1 ± <.1	0.0	0.5 ± 0.5	0.6 ± 0.5	
1992-93		0.5 ± 0.5	0.1 ± 0.1			0.6 ± 0.5	
1993-94							
1994-95		0.0		1.7 ± 1.7	0.0	1.7 ± 1.7	
1995-96	<.1 ± <.1			0.2 ± 0.2	0.0	0.2 ± 0.2	
1996-97	0.0	0.4 ± 0.4	0.1 ± 0.1	0.7 ± 0.7		1.2 ± 0.8	
1997-98	<.1 ± <.1	<.1 ± <.1	0.1 ± 0.1	0.5 ± 0.5	0.2 ± 0.2	0.8 ± 0.5	
1998-99	0.1 ± 0.1	0.1 ± 0.1	0.2 ± 0.1	5.4 ± 5.4	0.0	5.9 ± 5.4	
1999-2000	0.0	0.1 ± 0.1	0.2 ± 0.2	2.1 ± 2.0		2.5 ± 2.0	
2000-01		0.0	0.4 ± 0.3	2.6 ± 2.6		3.1 ± 2.7	
2001-02	<.1 ± <.1	0.5 ± 0.3	0.0	0.9 ± 0.8		1.5 ± 0.8	
2002-03		0.0	0.6 ± 0.4	1.1 ± 0.8	0.9 ± 0.9	2.6 ± 1.3	
All species combined^a							
1983-84		2.1 ± 2.1	0.1 ± 0.1	9.4 ± 5.8	8.3 ± 4.1	20.0 ± 7.4	
1984-85				4.9 ± 4.4	2.6 ± 1.5	7.5 ± 4.7	
1985-86				5.4 ± 3.4	2.2 ± 0.9	7.6 ± 3.5	
1986-87		0.5 ± 0.5	5.2 ± 5.0	4.2 ± 2.5	13.5 ± 7.2	23.4 ± 9.1	
1987-88			0.3 ± 0.1	3.2 ± 2.4	12.6 ± 7.2	16.1 ± 7.5	
1988-89			0.8 ± 0.5	3.3 ± 1.9	1.2 ± 1.1	5.4 ± 2.2	
1989-90			1.1 ± 0.7	7.8 ± 7.8		8.9 ± 7.8	
1990-91			0.2 ± 0.2	5.1 ± 3.9		5.3 ± 3.9	
1991-92			1.2 ± 0.6	0.1 ± 0.1	1.4 ± 0.8	2.7 ± 1.0	
1992-93		0.6 ± 0.6	0.5 ± 0.5			1.1 ± 0.8	
1993-94							
1994-95		3.4 ± 3.4		5.1 ± 5.1	3.9 ± 2.7	12.3 ± 6.7	
1995-96	2.0 ± 1.5			0.9 ± 0.9	0.3 ± 0.3	3.2 ± 1.8	
1996-97	1.9 ± 1.2	4.1 ± 4.1	2.5 ± 1.4	5.3 ± 4.3		13.9 ± 6.3	
1997-98	1.4 ± 0.8	1.8 ± 1.4	3.0 ± 1.6	11.8 ± 11.7	2.2 ± 2.2	20.2 ± 12.1	
1998-99	0.5 ± 0.3	2.1 ± 1.6	4.9 ± 1.9	21.0 ± 21.0	0.3 ± 0.3	28.7 ± 21.1	
1999-2000	0.3 ± 0.2	7.9 ± 5.2	0.7 ± 0.4	10.8 ± 7.6		19.7 ± 9.2	

Table G.3. (Cont'd.)

Species Year	Area					Coastwide ^a
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
All species combined ^a (Cont'd.)						
2000-01		1.1 ± 0.8	4.6 ± 2.0	4.8 ± 4.8		10.5 ± 5.3
2001-02	0.3 ± 0.2	5.5 ± 2.9	1.7 ± 0.9	16.8 ± 9.9		24.4 ± 10.3
2002-03		1.0 ± 0.6	8.4 ± 2.6	15.5 ± 9.9	1.4 ± 1.4	26.4 ± 10.3

^a Due to rounding of numbers, these totals may not exactly equal sum of individual totals.

Table G.4. Estimated annual catch rates of fishes (no./man-h) \pm 1 SE caught by party-boat anglers in the EEZ by area, species, and year (1983-2003). Blanks indicate no interviews conducted.

Species Year	Area					
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	Coastwide
Atlantic croaker						
1983-84		0.00	0.00	0.00	0.00	0.00
1984-85				0.00	0.00	0.00
1985-86		0.00	0.00	0.00	0.00	0.00
1986-87			0.00	0.00	0.00	0.00
1987-88			0.01 \pm 0.01	0.00	0.00	0.00
1988-89			0.00	0.00	0.00	0.00
1989-90			0.00	0.00	0.00	0.00
1990-91			0.00	0.00	0.00	0.00
1991-92		0.00	0.00	0.00	0.00	0.00
1992-93			0.00	0.00	0.00	0.00
1993-94						
1994-95		0.00		0.00	0.00	0.00
1995-96	0.00		0.00	0.00	0.00	0.00
1996-97	0.00		0.00	0.00	0.00	0.00
1997-98	0.00		0.00	0.00	0.00	0.00
1998-99	0.00		0.00	0.00	0.00	0.00
1999-2000	0.00		0.00	0.00	0.00	0.00
2000-01			0.00	0.00	0.00	0.00
2001-02	0.00		0.00	0.00	0.00	0.00
2002-03		0.00	0.00	0.00	0.00	0.00
Atlantic sharpnose shark						
1983-84		0.00	0.00	<.01 \pm <.01	0.00	<.01 \pm <.01
1984-85				0.00	0.00	0.00
1985-86				<.01 \pm <.01	0.01 \pm 0.01	<.01 \pm <.01
1986-87		0.03 \pm 0.03	0.00	0.10 \pm 0.09	0.00	0.02 \pm 0.02
1987-88			0.02 \pm 0.01	0.00	0.00	<.01 \pm <.01
1988-89			0.12 \pm 0.09	0.02 \pm 0.02	0.00	0.02 \pm 0.02
1989-90			0.00	0.00	0.00	0.00
1990-91			0.01 \pm 0.01	0.00	0.00	<.01 \pm <.01
1991-92		0.00	0.03 \pm 0.03	0.00	0.00	0.01 \pm 0.01
1992-93			0.05 \pm 0.05			<.01 \pm <.01
1993-94						
1994-95		0.00				0.00
1995-96	0.00			0.00	0.00	0.00
1996-97	0.00		0.00	0.00	0.00	0.00
1997-98	0.02 \pm 0.01		0.00	0.00	0.00	<.01 \pm <.01
1998-99	0.01 \pm 0.01	<.01 \pm <.01	0.00	0.04 \pm 0.04	0.00	0.03 \pm 0.02
1999-2000	0.00	0.00	0.02 \pm 0.02	0.00	0.00	<.01 \pm <.01

Table G.4. (Cont'd.)

Species Year	Area					
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	Coastwide
Atlantic sharpnose shark (Cont'd.)						
2000-01			<.01 ± <.01	0.00		<.01 ± <.01
2001-02	0.03 ± 0.02	0.00	0.01 ± 0.01	0.03 ± 0.02		0.02 ± 0.02
2002-03		0.01 ± 0.01	0.01 ± 0.01	0.02 ± 0.02	0.00	0.01 ± 0.01
Atlantic spadefish						
1983-84		0.00	0.00	0.00	0.00	0.00
1984-85				0.00	0.00	0.00
1985-86				0.00	0.00	0.00
1986-87		0.00	0.00	0.00	0.00	0.00
1987-88			0.00	0.00	0.00	0.00
1988-89			0.01 ± 0.01	0.00	0.00	<.01 ± <.01
1989-90			0.09 ± 0.09	0.00	0.00	0.02 ± 0.02
1990-91			0.00	0.00	0.00	0.00
1991-92			0.00	0.00	0.00	0.00
1992-93			0.00	0.00	0.00	0.00
1993-94						
1994-95		0.00			0.00	0.00
1995-96					0.00	0.00
1996-97			0.01 ± 0.01	0.00	0.00	0.00
1997-98		0.00	0.00	0.00	0.00	0.00
1998-99		0.00	<.01 ± <.01	0.00	0.00	<.01 ± <.01
1999-2000		0.00	0.00	0.01 ± 0.01	0.00	<.01 ± <.01
2000-01			0.00	0.00	0.00	0.00
2001-02	0.01 ± 0.01	0.00	0.00	0.00	0.00	<.01 ± <.01
2002-03		0.00	<.01 ± <.01	0.00	0.00	<.01 ± <.01
Black drum						
1983-84		0.00	0.00	0.00	0.00	0.00
1984-85				0.00	0.00	0.00
1985-86				0.00	0.00	0.00
1986-87		0.00	0.00	0.00	0.00	0.00
1987-88			0.00	0.00	0.00	0.00
1988-89			0.00	0.00	0.00	0.00
1989-90			0.00	0.00	0.00	0.00
1990-91			0.00	0.00	0.00	0.00
1991-92			0.01 ± 0.01	0.00	0.00	<.01 ± <.01
1992-93		0.00	0.00	0.00	0.00	0.00
1993-94			0.01 ± 0.01	0.00	0.00	<.01 ± <.01
1994-95		0.00	0.00	0.00	0.00	0.00
1995-96	0.00			0.00	0.00	0.00
1996-97	0.00		0.00	0.00	0.00	0.00
1997-98	0.00	0.00	0.00	0.00	0.00	0.00
1998-99	0.04 ± 0.04	0.00	0.00	0.00	0.00	<.01 ± <.01

Table G.4. (Cont'd.)

Species Year	Area					
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	Coastwide
Black drum (Cont'd.)						
1999-2000	0.00	0.00	0.00	0.00	0.00	0.00
2000-01		0.00	0.00	0.00	0.00	0.00
2001-02	0.00	0.00	0.00	0.00	0.00	0.00
2002-03	0.00	0.00	0.00	0.00	0.00	0.00
Blacktip shark						
1983-84		0.00	0.00	0.01 ± 0.01	0.00	0.01 ± 0.01
1984-85				0.00	0.00	0.00
1985-86				<.01 ± <.01	0.00	<.01 ± <.01
1986-87		0.00	0.00	0.00	0.00	0.00
1987-88			0.00	0.00	0.00	0.00
1988-89			0.01 ± 0.01	0.01 ± 0.01	0.00	0.01 ± 0.01
1989-90			0.00	0.00	0.00	0.00
1990-91			0.00	0.00	0.00	0.00
1991-92			0.02 ± 0.01	0.00	0.00	<.01 ± <.01
1992-93		0.00	0.00	0.00	0.00	0.00
1993-94						
1994-95		0.00		0.00	0.00	0.00
1995-96		0.00		0.00	0.00	0.00
1996-97		0.00	0.00	0.00	0.00	0.00
1997-98		0.01 ± 0.01	0.00	<.01 ± <.01	0.00	<.01 ± <.01
1999-2000	<.01 ± <.01	0.00	0.00	0.01 ± 0.01	0.00	0.01 ± 0.01
2000-01	0.01 ± 0.01	0.00	<.01 ± <.01	0.00	0.00	<.01 ± <.01
2001-02	0.00	0.00	0.00	0.00	0.00	0.00
2002-03		0.03 ± 0.03	<.01 ± <.01	0.00	0.00	<.01 ± <.01
Cobia						
1983-84		0.00	0.00	0.00	0.00	0.00
1984-85				0.00	0.00	0.00
1985-86				<.01 ± <.01	0.00	<.01 ± <.01
1986-87		0.00	0.01 ± 0.01	0.00	0.00	<.01 ± <.01
1987-88			0.00	0.00	0.00	0.00
1988-89			0.00	0.00	0.00	0.00
1989-90			0.00	0.00	0.00	0.00
1990-91			0.00	0.00	0.00	0.00
1991-92		0.00	0.00	0.00	0.00	0.00
1992-93			0.00	0.00	0.00	0.00
1993-94						
1994-95		0.00		0.00	0.00	0.00
1995-96	0.00			0.00	0.00	0.00
1996-97	0.05 ± 0.05	0.03 ± 0.03	0.03 ± 0.02	0.00	0.00	0.01 ± 0.01
1997-98	0.00	0.01 ± 0.01	0.01 ± 0.01	0.01 ± 0.01	0.00	0.01 ± 0.01

Table G.4. (Cont'd.)

Species Year	Area						Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Cobia (Cont'd.)							
1998-99	0.01 ± 0.01	0.01 ± 0.01	0.01 ± 0.01	<.01 ± <.01	0.01 ± 0.01	0.02 ± 0.02	0.02 ± 0.02
1999-2000	0.03 ± 0.03	0.01 ± 0.01	<.01 ± <.01	0.01 ± 0.01	0.00	0.01 ± 0.01	0.01 ± 0.01
2000-01		0.00	0.01 ± 0.01	0.00		<.01 ± <.01	<.01 ± <.01
2001-02	0.00	0.01 ± 0.01	<.01 ± <.01	0.00		<.01 ± <.01	<.01 ± <.01
2002-03		0.01 ± 0.01	<.01 ± <.01	0.01 ± 0.01	0.00	0.01 ± 0.01	0.01 ± 0.01
Dolphin							
1983-84		0.00	0.00	0.01 ± 0.01	0.01 ± 0.01	0.01 ± 0.01	0.01 ± 0.01
1984-85				0.18 ± 0.17	<.01 ± <.01	0.11 ± 0.11	0.11 ± 0.11
1985-86				0.01 ± 0.01	0.02 ± 0.02	0.02 ± 0.02	0.02 ± 0.02
1986-87		0.17 ± 0.17	<.01 ± <.01	0.14 ± 0.14	<.01 ± <.01	0.04 ± 0.03	0.04 ± 0.03
1987-88			0.02 ± 0.02	0.07 ± 0.06	0.01 ± 0.01	0.04 ± 0.04	0.04 ± 0.04
1988-89			0.00	0.02 ± 0.02	0.01 ± 0.01	0.02 ± 0.01	0.02 ± 0.01
1989-90			0.00	0.66 ± 0.66	0.01 ± 0.01	0.49 ± 0.49	0.49 ± 0.49
1990-91			0.00	0.45 ± 0.42	0.01 ± 0.01	0.35 ± 0.31	0.35 ± 0.31
1991-92		0.00	0.01 ± 0.01	0.00	0.05 ± 0.04	0.03 ± 0.02	0.03 ± 0.02
1992-93			0.00			0.00	0.00
1993-94							
1994-95		0.00					
1995-96	0.00	0.00		0.00	0.00	0.00	0.00
1996-97	0.00	0.00		0.00	0.11 ± 0.11	0.01 ± 0.01	0.01 ± 0.01
1997-98	0.01 ± 0.01	0.00	0.01 ± 0.01	0.00	0.00	<.01 ± <.01	<.01 ± <.01
1998-99	0.00	0.01 ± 0.01	0.01 ± 0.01	0.12 ± 0.12	0.00	0.08 ± 0.08	0.08 ± 0.08
1999-2000	0.00	0.13 ± 0.12	0.00	<.01 ± <.01	0.03 ± 0.03	<.01 ± <.01	<.01 ± <.01
2000-01	0.00	0.00	<.01 ± <.01	0.01 ± 0.01		0.06 ± 0.05	0.06 ± 0.05
2001-02	0.00	0.03 ± 0.02	0.00	0.08 ± 0.07		<.01 ± <.01	<.01 ± <.01
2002-03		0.00	0.02 ± 0.02	0.02 ± 0.02	0.00	0.06 ± 0.05	0.06 ± 0.05
Gray triggerfish							
1983-84		0.00	0.00	0.00	0.00	0.00	0.00
1984-85				0.00	0.00	0.00	0.00
1985-86				0.00	0.00	0.00	0.00
1986-87		0.00	0.00	0.00	0.00	0.00	0.00
1987-88			0.00	0.00	0.00	0.00	0.00
1988-89			0.01 ± 0.01	0.00	0.00	<.01 ± <.01	<.01 ± <.01
1989-90			0.01 ± 0.01	0.00	0.00	<.01 ± <.01	<.01 ± <.01
1990-91			0.00	0.00	0.00	0.00	0.00
1991-92		0.00	0.01 ± 0.01	0.00	0.00	<.01 ± <.01	<.01 ± <.01
1992-93			0.00	0.00	0.00	0.00	0.00
1993-94							
1994-95	0.00	0.00		0.03 ± 0.03	0.00	0.01 ± 0.01	0.01 ± 0.01
1995-96	0.00	0.00		0.00	0.00	0.00	0.00
1996-97		0.00	0.00	0.00		0.00	0.00

Table G.4. (Cont'd.)

Species Year	Area						Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Gray triggerfish (Cont'd.)							
1997-98	0.00	0.00	0.00	0.04 ± 0.04	0.00	0.00	0.02 ± 0.02
1998-99	0.00	0.01 ± 0.01	0.01 ± 0.01	0.00	0.00	0.00	<.01 ± <.01
1999-2000	0.00	0.00	0.00	0.02 ± 0.02	0.00	0.00	0.01 ± 0.01
2000-01		0.00	0.00	0.00	0.00		0.00
2001-02	0.00	0.02 ± 0.02	0.02 ± 0.02	0.04 ± 0.03	0.00	0.00	0.03 ± 0.02
2002-03		0.01 ± 0.01	0.01 ± 0.01	0.02 ± 0.02	0.00	0.00	0.01 ± 0.01
Greater amberjack							
1983-84		0.00	0.00	0.00	0.00	0.00	0.00
1984-85				0.00	0.00	0.00	0.00
1985-86				0.00	0.00	0.00	0.00
1986-87		0.00	0.00	0.00	0.01 ± 0.01	0.00	<.01 ± <.01
1987-88			0.00	0.00	0.00	0.00	0.00
1988-89			0.01 ± 0.01	0.00	0.00	0.00	<.01 ± <.01
1989-90			0.09 ± 0.08	0.00	0.00	0.00	0.02 ± 0.02
1990-91			0.00	0.00	0.00	0.00	0.00
1991-92			0.00	0.00	0.00	0.00	0.00
1992-93		0.00	0.00	0.00	0.00	0.00	0.00
1993-94							0.00
1994-95		0.00					0.00
1995-96	0.06 ± 0.06						0.00
1996-97	0.00		0.03 ± 0.02	0.00	0.00	0.00	0.02 ± 0.02
1997-98	0.00	0.00	0.02 ± 0.01	<.01 ± <.01	0.00	0.00	<.01 ± <.01
1998-99	0.00	0.00	<.01 ± <.01	0.00	0.00	0.00	<.01 ± <.01
1999-2000	0.00	0.00	0.01 ± 0.01	0.00	0.00	0.00	<.01 ± <.01
2000-01	0.00	0.00	0.01 ± 0.01	0.00	0.00	0.00	<.01 ± <.01
2001-02	0.00	0.01 ± 0.01	0.06 ± 0.04	0.00	0.00	0.00	0.01 ± <.01
2002-03		0.00	0.04 ± 0.02	0.04 ± 0.04	0.00	0.00	0.03 ± 0.02
Kling mackerel							
1983-84		0.32	0.14 ± 0.14	0.11 ± 0.09	0.06 ± 0.04	0.00	0.13 ± 0.09
1984-85				0.11 ± 0.10	0.01 ± 0.01	0.00	0.08 ± 0.06
1985-86				0.10 ± 0.09	0.01 ± 0.01	0.00	0.06 ± 0.05
1986-87		0.00	0.01 ± 0.01	0.09 ± 0.08	0.01 ± 0.01	0.00	0.02 ± 0.02
1987-88			0.10 ± 0.08	0.12 ± 0.11	0.08 ± 0.07	0.00	0.10 ± 0.08
1988-89			0.07 ± 0.07	0.13 ± 0.10	0.01 ± 0.01	0.00	0.10 ± 0.06
1989-90			0.09 ± 0.08	0.03 ± 0.03	0.08 ± 0.06	0.00	0.04 ± 0.04
1990-91			0.01 ± 0.01	0.19 ± 0.17	0.08 ± 0.06	0.00	0.15 ± 0.12
1991-92			0.02 ± 0.02	0.21 ± 0.21	0.08 ± 0.06	0.00	0.07 ± 0.04
1992-93		0.04 ± 0.04	0.00				0.03 ± 0.03
1993-94							
1994-95	0.05 ± 0.04	0.00		0.01 ± 0.01	0.11 ± 0.10	0.00	0.03 ± 0.03
1995-96				0.06 ± 0.06	0.06 ± 0.06	0.00	0.06 ± 0.05

Table G.4. (Cont'd.)

Species Year	Area						Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
King mackerel (Cont'd.)							
1996-97	0.03 ± 0.02	0.00	0.07 ± 0.07	0.21 ± 0.20	0.00	0.13 ± 0.11	
1997-98	0.01 ± 0.01	0.10 ± 0.10	0.07 ± 0.07	0.16 ± 0.16	0.00	0.12 ± 0.11	
1998-99	0.00	0.01 ± 0.01	0.04 ± 0.03	0.24 ± 0.24	0.00	0.16 ± 0.15	
1999-2000	0.05 ± 0.04	0.19 ± 0.14	0.06 ± 0.04	0.12 ± 0.10		0.14 ± 0.08	
2000-01		0.11 ± 0.10	0.07 ± 0.04	0.07 ± 0.07		0.08 ± 0.05	
2001-02	0.02 ± 0.02	0.11 ± 0.07	0.05 ± 0.04	0.07 ± 0.06		0.08 ± 0.05	
2002-03		0.05 ± 0.03	0.04 ± 0.02	0.11 ± 0.10	0.00	0.08 ± 0.05	
Lane snapper							
1983-84		0.00	0.00	0.00	0.00	0.00	
1984-85				0.00	0.00	0.00	
1985-86				0.00	0.00	0.00	
1986-87		0.00	0.00	0.00	0.00	0.00	
1987-88			0.00	0.00	0.01 ± 0.01	<.01 ± <.01	
1988-89			0.00	0.00	0.00	0.00	
1989-90			0.00	0.00	0.00	0.00	
1990-91			0.00	0.00	0.00	0.00	
1991-92			0.00	0.00	0.00	0.00	
1992-93		0.00	0.00	0.00	0.00	0.00	
1993-94			0.00			0.00	
1994-95		0.00				0.00	
1995-96	0.00				0.00	0.00	
1996-97	0.00	0.00	0.00	0.00	0.00	0.00	
1997-98	0.00	0.00	0.00	0.00	0.00	0.00	
1998-99	0.00	<.01 ± <.01	0.01 ± <.01	0.00	0.00	0.00	
1999-2000	0.00	<.01 ± <.01	0.00	0.01 ± 0.01	0.00	<.01 ± <.01	
2000-01		0.00	0.01 ± 0.01	0.00	0.00	0.01 ± 0.01	
2001-02		0.00	0.00	0.01 ± 0.01	0.00	0.01 ± 0.01	
2002-03	0.00	0.01 ± 0.01	0.01 ± 0.01	0.00	0.00	<.01 ± <.01	
Little tunny							
1983-84		0.03	0.00	0.03 ± 0.02	0.00	0.02 ± 0.02	
1984-85				0.00	0.18 ± 0.15	0.07 ± 0.05	
1985-86				0.03 ± 0.03	0.06 ± 0.04	0.04 ± 0.03	
1986-87		0.00	0.00	0.00	0.20 ± 0.16	0.10 ± 0.07	
1987-88			0.00	0.01 ± 0.01	0.16 ± 0.14	0.06 ± 0.05	
1988-89			0.00	0.00	0.15 ± 0.15	0.04 ± 0.04	
1989-90			0.00	0.00		0.00	
1990-91			0.00	0.00		0.00	
1991-92			<.01 ± <.01	0.00	0.01 ± 0.01	0.01 ± 0.01	
1992-93		0.00	0.00	0.00		0.00	
1993-94							
1994-95		0.00	0.00	0.00	0.02 ± 0.02	0.01 ± 0.01	

Table G.4. (Cont'd.)

Species Year	Area						Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Little tunny (Cont'd.)							
1995-96	0.00		0.02 ± 0.02	0.02 ± 0.02	0.00	0.00	0.01 ± 0.01
1996-97	0.00	0.00	0.00	0.00	0.00	0.00	<.01 ± <.01
1997-98	0.00	0.00	0.00	<.01 ± <.01	1.62 ± 1.62	1.62 ± 1.62	0.05 ± 0.05
1998-99	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1999-2000	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000-01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2001-02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2002-03		0.00	0.00	0.00	0.00	0.00	0.00
Red drum							
1983-84		0.00	0.00	0.00	0.00	0.00	0.00
1984-85				0.00	0.00	0.00	0.00
1985-86				0.00	0.00	0.00	0.00
1986-87		0.00	0.00	0.00	0.00	0.00	0.00
1987-88			0.00	0.00	0.00	0.00	0.00
1988-89			0.00	0.00	0.00	0.00	0.00
1989-90			0.00	0.00	0.00	0.00	0.00
1990-91			0.00	0.00	0.00	0.00	0.00
1991-92			0.01 ± 0.01	0.00	0.00	0.00	0.00
1992-93		0.00	0.00	0.00	0.00	0.00	<.01 ± <.01
1993-94			0.00	0.00	0.00	0.00	0.00
1994-95		0.00					
1995-96	0.00						0.00
1996-97	<.01 ± <.01	0.00	0.03 ± 0.03	0.00	0.00	0.00	0.00
1997-98	0.00	0.00	<.01 ± <.01	0.00	0.00	0.00	0.01 ± 0.01
1998-99	0.00	0.01 ± 0.01	<.01 ± <.01	0.00	0.00	0.00	<.01 ± <.01
1999-2000	0.00		<.01 ± <.01	0.00	0.00	0.00	<.01 ± <.01
2000-01		0.00	0.00	0.00	0.00	0.00	0.00
2001-02	0.01 ± 0.01	0.00	0.00	0.00	0.00	0.00	<.01 ± <.01
2002-03		0.00	0.00	0.00	0.00	0.00	<.01 ± <.01
Red snapper							
1983-84		0.00	0.02 ± 0.02	0.00	0.00	1.29 ± 0.85	0.12 ± 0.09
1984-85				0.00	0.00	0.06 ± 0.06	0.02 ± 0.02
1985-86				0.31 ± 0.29		0.13 ± 0.10	0.24 ± 0.17
1986-87		0.00	0.03 ± 0.03	0.00	0.00	0.15 ± 0.15	0.09 ± 0.08
1987-88			0.01 ± 0.01	0.00	0.00	1.23 ± 0.98	0.36 ± 0.30
1988-89			0.39 ± 0.33	0.00	0.00	0.00	0.02 ± 0.02
1989-90			0.09 ± 0.08	0.00	0.00	0.00	0.02 ± 0.02
1990-91			0.00	0.00	0.00	0.00	0.00
1991-92			0.22 ± 0.17	0.00	0.00	0.00	0.07 ± 0.05
1992-93		0.00	0.88 ± 0.88	0.00	0.00		0.08 ± 0.08
1993-94							

Table G.4. (Cont'd.)

Species Year	Area						Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Red snapper (Cont'd.)							
1994-95		0.38 ± 0.38		0.29 ± 0.29	0.47 ± 0.41		0.36 ± 0.26
1995-96	0.45 ± 0.41			0.00	0.00		0.11 ± 0.09
1996-97	0.46 ± 0.36	0.45 ± 0.45	0.22 ± 0.16	0.01 ± 0.01			0.18 ± 0.13
1997-98	0.43 ± 0.31	0.28 ± 0.25	0.33 ± 0.23	0.10 ± 0.10			0.17 ± 0.12
1998-99	0.10 ± 0.09	0.27 ± 0.24	0.31 ± 0.17	0.14 ± 0.14	0.06 ± 0.06		0.18 ± 0.13
1999-2000	0.11 ± 0.10	0.02 ± 0.01	0.04 ± 0.03	0.12 ± 0.11			0.07 ± 0.05
2000-01		0.05 ± 0.05	0.27 ± 0.15	0.07 ± 0.07			0.14 ± 0.08
2001-02	0.13 ± 0.12	0.31 ± 0.21	0.35 ± 0.23	0.28 ± 0.21			0.28 ± 0.16
2002-03		0.19 ± 0.16	0.37 ± 0.16	0.46 ± 0.36	0.42 ± 0.42		0.40 ± 0.20
Sand seatrout							
1983-84		0.00	0.00	0.00	0.00		0.00
1984-85				0.00	0.00		0.00
1985-86				0.00	0.00		0.00
1986-87		0.00	0.00	0.00	0.00		0.00
1987-88			0.00	0.00	0.00		0.00
1988-89			0.00	0.00	0.00		0.00
1989-90			0.00	0.00	0.00		0.00
1990-91			0.00	0.00	0.00		0.00
1991-92			0.00	0.00	0.00		0.00
1992-93			0.00	0.00	0.00		0.00
1993-94		0.00	0.00	0.00	0.00		0.00
1994-95		0.00		0.00	0.00		0.00
1995-96	0.00			0.00	0.00		0.00
1996-97	0.00			0.00	0.00		0.00
1997-98	0.00			0.00	0.00		0.00
1998-99	0.01 ± 0.01			0.00	0.00		0.00
1999-2000	0.00		<.01 ± <.01	0.00	0.00		<.01 ± <.01
2000-01			0.00	0.00	0.00		0.00
2001-02	0.00		0.00	0.00	0.00		0.00
2002-03			0.00	0.00	0.00		0.00
Spanish mackerel							
1983-84		0.06	0.00	0.01 ± 0.01	0.00		0.01 ± 0.01
1984-85				<.01 ± <.01	<.01 ± <.01		<.01 ± <.01
1985-86				0.00	0.01 ± 0.01		<.01 ± <.01
1986-87		0.03 ± 0.03	0.00	0.00	0.00		<.01 ± <.01
1987-88			0.01 ± 0.01	0.01 ± 0.01	0.00		<.01 ± <.01
1988-89			0.02 ± 0.02	<.01 ± <.01	0.00		<.01 ± <.01
1989-90			0.01 ± 0.01	0.00	0.00		<.01 ± <.01
1990-91			0.06 ± 0.06	0.00	0.00		<.01 ± <.01
1991-92			0.05 ± 0.03	0.00	0.01 ± 0.01		0.01 ± 0.01
1992-93		0.00	0.00	-0.00	0.01 ± 0.01		0.02 ± 0.01

Table G.4. (Cont'd.)

Species Year	Area						Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Spanish mackerel (Cont'd.)							
1993-94							0.00
1994-95	<.01 ± <.01	0.00		0.00	0.00	0.00	0.01 ± 0.01
1995-96	<.01 ± <.01			0.00	0.06 ± 0.06		<.01 ± <.01
1996-97	0.00	0.02 ± 0.02	0.00	0.01 ± 0.01	0.00		0.01 ± <.01
1997-98	0.00	<.01 ± <.01	0.00	0.00	0.00		<.01 ± <.01
1998-99	0.00	<.01 ± <.01	0.00	0.01 ± 0.01	0.00		0.03 ± 0.03
1999-2000	0.00	0.05 ± 0.05	0.00	0.00	0.00		<.01 ± <.01
2000-01	0.01 ± 0.01	0.00		0.00	0.00		<.01 ± <.01
2001-02	0.00	0.00	<.01 ± <.01	0.00	0.00		<.01 ± <.01
2002-03							<.01 ± <.01
Spotted seatrout							
1983-84		0.00	0.00	0.00	0.00		0.00
1984-85				0.00	0.00		0.00
1985-86				0.00	0.00		0.00
1986-87		0.00	0.00	0.00	0.00		0.00
1987-88				0.00	0.00		0.00
1988-89				0.00	0.00		0.00
1989-90				0.00	0.00		0.00
1990-91				0.00	0.00		0.00
1991-92				0.00	0.00		0.00
1992-93				0.00	0.00		0.00
1993-94				0.00	0.00		0.00
1994-95							0.00
1995-96	0.00			0.00	0.00		0.00
1996-97	0.00			0.00	0.00		0.00
1997-98	0.02 ± 0.02			0.00	0.00		<.01 ± <.01
1998-99	0.00			0.00	0.00		0.00
1999-2000	0.00			0.00	0.00		0.00
2000-01				0.00	0.00		0.00
2001-02	0.00			0.00	0.00		0.00
2002-03			0.02 ± 0.02	0.00	0.00		0.01 ± 0.01
Vermilion snapper							
1983-84		0.00	0.00	0.00	0.00		0.00
1984-85				0.00	0.00		0.00
1985-86				0.00	0.00		0.00
1986-87		0.00	0.00	0.00	0.00		0.00
1987-88				0.00	0.00		0.00
1988-89				0.00	0.00		0.00
1989-90				0.00	0.00		0.00
1990-91				0.00	0.00		0.00
1991-92				0.00	0.00		0.00

Table G.4. (Cont'd.)

Species Year	Area					
	Sabine Lake	Galveston	Matsigorda	Corpus Christi	Lower Laguna Madre	Coastwide
Vermilion snapper (Cont'd.)						
1992-93		0.00	0.00			0.00
1993-94						
1994-95		0.00			0.00	0.00
1995-96	0.00			0.00	0.00	0.00
1996-97	0.00		0.00	0.00	0.00	0.00
1997-98	0.00		0.02 ± 0.02	0.00	0.00	<.01 ± <.01
1998-99	0.00		0.02 ± 0.02	0.00	0.00	<.01 ± <.01
1999-2000	0.00		0.00	0.02 ± 0.02	0.00	0.01 ± 0.01
2000-01			0.01 ± 0.01	0.00		<.01 ± <.01
2001-02	0.00		<.01 ± <.01	0.03 ± 0.03		0.02 ± 0.02
2002-03		0.00	0.00	0.02 ± 0.02	0.00	0.01 ± 0.01
Other species						
1983-84		0.00	0.02 ± 0.02	0.05 ± 0.04	0.22 ± 0.14	0.06 ± 0.04
1984-85				0.01 ± 0.01	0.00	0.01 ± <.01
1985-86				0.05 ± 0.05	0.05 ± 0.03	0.05 ± 0.03
1986-87		0.00	0.31 ± 0.30	0.01 ± 0.01	0.04 ± 0.03	0.09 ± 0.08
1987-88			0.01 ± 0.01	0.00	0.19 ± 0.14	0.06 ± 0.04
1988-89			0.01 ± 0.01	<.01 ± <.01	0.00	<.01 ± <.01
1989-90			0.01 ± 0.01	0.24 ± 0.24		0.18 ± 0.18
1990-91			0.01 ± 0.01	0.00		<.01 ± <.01
1991-92			0.02 ± 0.01	0.00	0.09 ± 0.09	0.06 ± 0.06
1992-93		0.11 ± 0.11	0.15 ± 0.15	0.00		0.11 ± 0.11
1993-94						
1994-95		0.00			0.00	0.07 ± 0.07
1995-96				0.17 ± 0.17	0.00	0.01 ± 0.01
1996-97	<.01 ± <.01			0.02 ± 0.02	0.00	0.01 ± 0.01
1997-98	0.01 ± 0.01	0.05 ± 0.05	0.02 ± 0.02	0.03 ± 0.03		0.03 ± 0.02
1998-99	0.06 ± 0.06	0.01 ± 0.01	0.02 ± 0.01	0.02 ± 0.02	0.12 ± 0.12	0.02 ± 0.02
1999-2000	0.00	0.02 ± 0.02	0.06 ± 0.05	0.15 ± 0.15	0.00	0.10 ± 0.09
2000-01		0.01 ± <.01	0.04 ± 0.03	0.08 ± 0.08		0.05 ± 0.04
2001-02	0.03 ± 0.02	0.05 ± 0.04	0.00	0.18 ± 0.18		0.10 ± 0.10
2002-03		0.00	0.04 ± 0.03	0.03 ± 0.03	0.76 ± 0.76	0.03 ± 0.02
All species combined *						
1983-84		0.41	0.18 ± 0.18	0.21 ± 0.17	1.57 ± 0.93	0.36 ± 0.23
1984-85				0.30 ± 0.28	0.26 ± 0.20	0.29 ± 0.21
1985-86				0.51 ± 0.38	0.28 ± 0.15	0.41 ± 0.23
1986-87		0.23 ± 0.23	0.35 ± 0.35	0.33 ± 0.25	0.40 ± 0.32	0.37 ± 0.21
1987-88			0.15 ± 0.10	0.20 ± 0.19	1.68 ± 1.15	0.63 ± 0.43
1988-89			0.65 ± 0.50	0.19 ± 0.14	0.18 ± 0.17	0.21 ± 0.12
1989-90			0.39 ± 0.30	0.92 ± 0.92		0.79 ± 0.75
1990-91			0.09 ± 0.08	0.64 ± 0.58		0.51 ± 0.43

Table G.4. (Cont'd.)

Species Year	Area						Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
All species combined ^a (Cont'd.)							
1991-92		0.15 ± 0.15	0.39 ± 0.27	0.21 ± 0.21	0.24 ± 0.16	0.28 ± 0.14	0.23 ± 0.22
1992-93			1.08 ± 1.08				
1993-94							
1994-95	0.57 ± 0.52	0.38 ± 0.38		0.50 ± 0.50	0.60 ± 0.52	0.48 ± 0.34	
1995-96	0.54 ± 0.42	0.53 ± 0.53	0.45 ± 0.32	0.10 ± 0.10	0.23 ± 0.23	0.22 ± 0.18	
1996-97	0.49 ± 0.33	0.41 ± 0.38	0.48 ± 0.34	0.26 ± 0.25		0.37 ± 0.24	
1997-98	0.25 ± 0.20	0.36 ± 0.30	0.41 ± 0.22	0.46 ± 0.46	1.75 ± 1.75	0.50 ± 0.38	
1998-99	0.20 ± 0.14	0.35 ± 0.27	0.19 ± 0.13	0.58 ± 0.58	0.09 ± 0.09	0.49 ± 0.41	
1999-2000		0.22 ± 0.19	0.42 ± 0.24	0.41 ± 0.36		0.36 ± 0.22	
2000-01		0.54 ± 0.35	0.49 ± 0.32	0.32 ± 0.32		0.34 ± 0.23	
2001-02	0.22 ± 0.16	0.30 ± 0.23	0.57 ± 0.24	0.56 ± 0.43		0.54 ± 0.31	
2002-03				0.76 ± 0.60	1.18 ± 1.18	0.67 ± 0.33	

^a Due to rounding of numbers, these totals may not exactly equal sum of individual totals.

Table G.5. Estimated annual mean total lengths of fishes (mm/fish) \pm 1 SE caught by party-boat anglers in the EEZ by area, species, and year (1983-2003). Blank mean values indicate no fish measured. Blank standard errors indicate fish measured on only one survey day.

Species Year	Area					Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
Atlantic croaker						
1983-84						
1984-85						
1985-86						
1986-87						
1987-88						
1988-89						
1989-90						
1990-91						
1991-92						
1992-93						
1993-94						
1994-95						
1995-96						
1996-97						
1997-98						
1998-99						
1999-2000						
2000-01						
2001-02						
2002-03						
Atlantic sharpnose shark						
1983-84						
1984-85					864	
1985-86						
1986-87				940 \pm 6		864
1987-88			750 \pm 33			940 \pm 6
1988-89			830 \pm 42	1002		750 \pm 33
1989-90						868 \pm 42
1990-91			649			
1991-92			903 \pm 49			649
1992-93						
1993-94						
1994-95						
1995-96						
1996-97						
1997-98	855					
1998-99	1138	1021		980		
1999-2000			1005 \pm 3			855
2000-01			964			1007
2001-02	940 \pm 7		891	944		1005 \pm 3
2002-03		1045	990 \pm 31	980		964
						936 \pm 7
						996 \pm 31

Table G.5. (Cont'd.)

Species Year	Area					Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
Atlantic spadefish						
1983-84						
1984-85						
1985-86						
1986-87						
1987-88						
1988-89						
1989-90			384			384
1990-91			366			366
1991-92						
1992-93						
1993-94						
1994-95						
1995-96						
1996-97						
1997-98			342			335
1998-99			430			430
1999-2000				414		414
2000-01						
2001-02	332					332
2002-03			456			456
Black drum						
1983-84						
1984-85						
1985-86						
1986-87						
1987-88						
1988-89						
1989-90						
1990-91						
1991-92						
1992-93			522			522
1993-94						
1994-95						
1995-96						
1996-97						
1997-98						
1998-99						
1999-2000	584					584
2000-01						
2001-02						
2002-03						

Table G.5. (Cont'd.)

Species Year	Area					Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
Blacktip shark						
1983-84				1606 ± 115		1606 ± 115
1984-85						
1985-86				1500		1500
1986-87						
1987-88						
1988-89			1047	1246		1180
1989-90						
1990-91						
1991-92			1103			1103
1992-93						
1993-94						
1994-95						
1995-96						
1996-97						
1997-98						
1998-99	980	790		1583		1036
1999-2000	1034			1654		1344
2000-01			1146			1146
2001-02						
2002-03		1085	651			1013
Cobia						
1983-84						
1984-85						
1985-86						
1986-87						
1987-88			981			981
1988-89						
1989-90						
1990-91						
1991-92						
1992-93						
1993-94						
1994-95						
1995-96						
1996-97	1145	959	997			1076
1997-98		1205	984			1058
1998-99	1172	1255	1051	1150		1142
1999-2000	1127 ± 9	996	1110	1044		1092 ± 9
2000-01			1066			1066
2001-02		1049 ± 52	1260			1102 ± 52
2002-03		996	1002 ± 33	930		979 ± 33

Table G.5. (Cont'd.)

Species Year	Area					Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
Dolphin						
1983-84				604	708	630
1984-85				570	715	587
1985-86				753	563	644
1986-87		806	702	397	488	506
1987-88			470	459	389	457
1988-89				696	1112	800
1989-90				456		456
1990-91				551		551
1991-92			807		716 ± 2	750 ± 1
1992-93						
1993-94						
1994-95						
1995-96						
1996-97						
1997-98	786		874		448	448
1998-99			612			874
1999-2000		1076		742		699
2000-01		826 ± 10	590	1076		872
2001-02		489		552		842 ± 10
2002-03			742 ± 81	1044		590
Gray triggerfish						495
1983-84						799 ± 66
1984-85						
1985-86						
1986-87						
1987-88						
1988-89						
1989-90			430			430
1990-91			299			299
1991-92			300			300
1992-93						
1993-94						
1994-95						
1995-96						
1996-97						
1997-98				402		402
1998-99						
1999-2000						
2000-01				331		331
2001-02		392	390			377
2002-03		419	387			384

Table G.5. (Cont'd.)

Species Year	Area					Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
Greater amberjack						
1983-84						
1984-85					478	478
1985-86						
1986-87						
1987-88						
1988-89		797				797
1989-90		347				347
1990-91						
1991-92						
1992-93						
1993-94						
1994-95						
1995-96						
1996-97	881					881
1997-98			947			947
1998-99			985			985
1999-2000			477			477
2000-01			922			922
2001-02		1054	1096			1096
2002-03			891 ± 8			927 ± 8
			930 ± 22			930 ± 22
King mackerel						
1983-84		974	1136		872 ± 14	988 ± 7
1984-85				990 ± 10	812	951
1985-86				1030	1130	999
1986-87				1039 ± 29	752	973 ± 29
1987-88			979	910 ± 24	862 ± 50	938 ± 20
1988-89			1017 ± 28	973 ± 14	865	1006 ± 11
1989-90			1130	905		1039
1990-91			1048	1015		1020
1991-92			1072	944	847	944
1992-93		1060	1090			1060
1993-94						
1994-95						
1995-96	1023			1000	803 ± 18	823 ± 18
1996-97	858 ± 30			1012	1015	1019
1997-98			951	931 ± 32		920 ± 19
1998-99		853	916			889
1999-2000		876	908 ± 23	975		954 ± 7
2000-01	1049 ± 95	972 ± 18	880 ± 10	983		969 ± 13
2001-02		983	904 ± 19			925 ± 14
2002-03	899	936 ± 25	966 ± 25	1037		965 ± 14
		963	945 ± 14	991		955 ± 19

Table G.5. (Cont'd.)

Species Year	Area						Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Lane snapper							
1983-84							
1984-85							
1985-86							
1986-87							
1987-88							
1988-89					321		321
1989-90							
1990-91							
1991-92							
1992-93							
1993-94							
1994-95							
1995-96							
1996-97							
1997-98							
1998-99		385 ± 16	395 ± 14				392 ± 11
1999-2000				429			429
2000-01			466				466
2001-02				358			358
2002-03		333	326				327
Little tunny							
1983-84		662		686			682
1984-85					627 ± 20		627 ± 20
1985-86				685	601		64*6
1986-87					646 ± 4		646 ± 4
1987-88				472	690		674
1988-89					644 ± 14		644 ± 14
1989-90							
1990-91							
1991-92					627		654
1992-93			680				
1993-94							
1994-95					649		649
1995-96				692			692
1996-97			634				634
1997-98							
1998-99							
1999-2000							
2000-01							
2001-02							
2002-03							

Table G.5. (Cont'd.)

Species Year	Area					Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
Sand seatrout						
1983-84						
1984-85						
1985-86						
1986-87						
1987-88						
1988-89						
1989-90						
1990-91						
1991-92						
1992-93						
1993-94						
1994-95						
1995-96						
1996-97						
1997-98						
1998-99	272		297			285
1999-2000						
2000-01						
2001-02						
2002-03						
Spanish mackerel						
1983-84		578		603 ± 6	588	593 ± 6
1984-85					664	588
1985-86						664
1986-87						
1987-88			647	440		544
1988-89			662	575		640
1989-90			594			594
1990-91			476			476
1991-92			581 ± 5		572	476 ± 5
1992-93						
1993-94						
1994-95						
1995-96	774				574	674
1996-97	650					650
1997-98		637				637
1998-99		683		741		683
1999-2000						741
2000-01						553
2001-02	664	553				664
2002-03			705			705

Table G.5. (Cont'd.)

Species Year	Area					Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
Spotted seatrout						
1983-84						
1984-85						
1985-86						
1986-87						
1987-88						
1988-89						
1989-90						
1990-91						
1991-92						
1992-93						
1993-94						
1994-95						
1995-96						
1996-97						
1997-98						
1998-99						
1999-2000						
2000-01						
2001-02						
2002-03						
			454 ± 8			454 ± 8
Vermilion snapper						
1983-84						
1984-85						
1985-86						
1986-87						
1987-88						
1988-89						
1989-90						
1990-91						
1991-92						
1992-93						
1993-94						
1994-95						
1995-96						
1996-97						
1997-98						
1998-99						
1999-2000						
			328			328
			374			374
				305		305

Table G.5. (Cont'd.)

Species Year	Area					Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
Vermilion snapper (Cont'd.)						
2000-01			395			395
2001-02			432	367		373
2002-03				343		343

Table G.6. Estimated annual mean whole weights of fishes (kg/fish) \pm 1 SE caught by party-boat anglers in the EEZ by area, species, and year (1983-2003). Weights derived from conversion of length measurements. Blank mean values indicate no fish weighed or measured. Blank standard errors indicate fish weighed or measured on only one survey day.

Species Year	Area					Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
Atlantic croaker						
1983-84						
1984-85						
1985-86						
1986-87						
1987-88						
1988-89						
1989-90			0.49			0.49
1990-91						
1991-92						
1992-93						
1993-94						
1994-95						
1995-96						
1996-97						
1997-98						
1998-99						
1999-2000						
2000-01						
2001-02						
2002-03						
Atlantic sharpnose shark						
1983-84						
1984-85					4.48	4.48
1985-86				6.10 \pm 0.19		6.10 \pm 0.19
1986-87						2.67 \pm 0.39
1987-88			2.67 \pm 0.39			2.67 \pm 0.39
1988-89			3.94 \pm 0.61	7.38		4.70 \pm 0.61
1989-90						
1990-91			1.48			1.48
1991-92			5.63 \pm 1.26			5.63 \pm 1.26
1992-93						
1993-94						
1994-95						
1995-96						
1996-97						
1997-98	4.09					4.09
1998-99	12.60	7.82				7.79
1999-2000			7.43 \pm 0.07	6.83		7.43 \pm 0.07
2000-01			6.33			6.33
2001-02	5.78 \pm 0.16		4.92	6.01		5.80 \pm 0.16
2002-03		8.65	7.38 \pm 1.05	6.92		7.49 \pm 1.05

Table G.6. (Cont'd.)

Species Year	Area						Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Blacktip shark							
1983-84				34.49 ± 8.81			34.49 ± 8.81
1984-85				26.05			26.05
1985-86							
1986-87							
1987-88							
1988-89			8.04	14.64			12.44
1989-90							
1990-91			10.43				10.43
1991-92							
1992-93							
1993-94							
1994-95							
1995-96							
1996-97							
1997-98							
1998-99	6.48	3.20		31.07			10.99
1999-2000	7.71			36.48			22.10
2000-01			10.80				10.80
2001-02							
2002-03		9.08	1.70				7.85
Cobia							
1983-84							
1984-85							
1985-86							
1986-87							
1987-88			7.20				7.20
1988-89							
1989-90							
1990-91							
1991-92							
1992-93							
1993-94							
1994-95							
1995-96							
1996-97	11.52	6.68	7.55				9.69
1997-98		13.26	7.26				9.26
1998-99	12.26 ± 0.04	14.99	8.87 ± 1.03	11.52			11.44 ± 0.30
1999-2000	11.24 ± 0.15	7.48	10.36	8.80			10.19 ± 0.15
2000-01			9.46				9.46
2001-02		8.83 ± 1.33	15.17				10.42 ± 1.33
2002-03		7.47	7.68 ± 0.73	6.08			7.16 ± 0.73

Table G.6. (Cont'd.)

Species Year	Area					
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	Coastwide
Dolphin						
1983-84				1.32	2.03	1.50
1984-85				1.33	2.25	1.43
1985-86				2.45	1.04	1.65
1986-87	2.94		1.97	0.38	0.69	1.02
1987-88			0.63	0.65	0.36	0.63
1988-89				2.10	7.45	3.44
1989-90				0.62		0.62
1990-91				1.06		1.06
1991-92			3.01		2.11 ± 0.01	2.45 ± 0.01
1992-93						
1993-94						
1994-95						
1995-96					0.54	0.54
1996-97			3.73			3.73
1997-98	2.74		1.33			2.03
1998-99		6.88		2.32	2.66	4.03
1999-2000		3.27 ± 0.05		6.77		3.49 ± 0.05
2000-01			1.19	1.00		1.19
2001-02		0.75		6.94		0.77
2002-03			2.96 ± 1.07			3.71 ± 0.87
Gray triggerfish						
1983-84						
1984-85						
1985-86						
1986-87						
1987-88						
1988-89						
1989-90						0.95
1990-91						0.37
1991-92						
1992-93						
1993-94						
1994-95						
1995-96						
1996-97				0.80		0.80
1997-98						
1998-99		0.83	0.70			0.73
1999-2000				0.50		0.50
2000-01						
2001-02		0.76	0.75	0.63		0.69
2002-03		0.91	0.73	0.47		0.73

Table G.6. (Cont'd.)

Species Year	Area					Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
Lane snapper						
1983-84						
1984-85						
1985-86						
1986-87					0.46	0.46
1987-88						
1988-89						
1989-90						
1990-91						
1991-92						
1992-93						
1993-94						
1994-95						
1995-96						
1996-97						
1997-98						
1998-99		0.74 ± 0.08	0.80 ± 0.07			0.78 ± 0.05
1999-2000				1.01		1.01
2000-01			1.23			1.23
2001-02				0.61		0.61
2002-03		0.50	0.49			0.50
Little tunny						
1983-84		3.27				3.67
1984-85				3.75		2.83 ± 0.24
1985-86				3.66		2.83 ± 0.24
1986-87					2.50	3.12
1987-88					3.06 ± 0.07	3.06 ± 0.07
1988-89				1.15	3.77	3.57
1989-90					3.04 ± 0.24	3.04 ± 0.24
1990-91						
1991-92			3.55		2.76	3.16
1992-93						
1993-94						
1994-95						
1995-96						
1996-97						
1997-98					3.08	3.08
1998-99						3.75
1999-2000						2.89
2000-01				3.75		1.70
2001-02			2.89			1.70
2002-03						

Table G.6. (Cont'd.)

Species Year	Area					Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
Sand seatrout						
1983-84						
1984-85						
1985-86						
1986-87						
1987-88						
1988-89						
1989-90						
1990-91						
1991-92						
1992-93						
1993-94						
1994-95						
1995-96						
1996-97						
1997-98						
1998-99	0.20		0.27			0.24
1999-2000						
2000-01						
2001-02						
2002-03						
Spanish mackerel						
1983-84		1.12		1.24 ± 0.04	1.15	1.19 ± 0.04
1984-85					1.62	1.15
1985-86						1.62
1986-87						
1987-88			1.51	0.50		1.00
1988-89			1.67	1.07		1.52
1989-90			1.18			1.18
1990-91			0.63			0.63
1991-92			1.13 ± 0.03		1.06	1.12 ± 0.03
1992-93						
1993-94						
1994-95						
1995-96	2.52					1.79
1996-97	1.55					1.55
1997-98		1.44			1.07	1.44
1998-99		1.76				1.76
1999-2000				2.22		2.22
2000-01						1.02
2001-02	1.62	1.02				1.62
2002-03			1.93			1.93

Table G.6. (Cont'd.)

Species Year	Area						Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
All species combined ^a							
1983-84		4.14	6.63	8.25 ± 2.39	0.88 ± 0.06		4.12 ± 0.96
1984-85				4.65	2.12 ± 0.24		3.06 ± 0.07
1985-86				5.43	1.34 ± 0.37		2.88 ± 0.23
1986-87		2.94	3.72	3.70 ± 1.16	1.66 ± 0.36		2.26 ± 0.29
1987-88			4.63 ± 0.41	2.82 ± 0.35	1.28 ± 0.39		1.69 ± 0.34
1988-89			3.34 ± 0.30	5.35 ± 0.39	3.60 ± 0.14		3.97 ± 0.21
1989-90			3.47	2.90			3.19
1990-91			2.93 ± 0.21	3.53			3.37 ± 0.07
1991-92			3.45 ± 0.21	4.54			3.58 ± 0.20
1992-93		6.20					6.20
1993-94							
1994-95		2.13		0.89	1.84 ± 0.29		1.56 ± 0.15
1995-96	3.10 ± 0.34			5.45	1.90		3.17 ± 0.34
1996-97	2.95 ± 0.03	2.38	3.53 ± 0.06	5.67 ± 1.02			3.26 ± 0.11
1997-98	3.02 ± 0.01	2.72	2.93 ± 0.72	0.96	1.47		2.62 ± 0.28
1998-99	5.13 ± 0.22	3.56 ± 0.90	2.91 ± 0.33	3.80	1.89		3.44 ± 0.18
1999-2000	5.33 ± 1.35	3.95 ± 0.28	4.20 ± 0.46	3.68			4.11 ± 0.29
2000-01		3.13	2.58 ± 0.25	16.58			5.57 ± 0.18
2001-02	2.76 ± 1.12	2.81 ± 0.55	3.46 ± 0.24	2.06			2.71 ± 0.24
2002-03		3.33 ± 1.27	3.44 ± 0.33	6.78	1.77		3.98 ± 0.24

^a Includes "other" species.

Table G.7. Composition (%) of "other" species caught by party-boat anglers in the EEZ by year, area, and species (1983-2003). Values represent percentages of the observed coastwide total of "other" species.

Year	Common name	Scientific name	Area					Coastwide ^a
			Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
1983-84	Atlantic bonito	<u>Sarda sarda</u>			1.79			62.50
	Blue runner	<u>Caranx crysos</u>					60.71	1.79
	Bluefish	<u>Pomatomus saltatrix</u>					1.79	1.79
	Crevalle jack	<u>Caranx hippos</u>					1.79	17.86
	Dusky shark	<u>Carcharhinus obscurus</u>				1.79		3.57
	Family requiem sharks	Family <u>Carcharhinidae</u>				10.71		10.71
	Scalloped hammerhead	<u>Sphyrna lewini</u>				1.79		1.79
1984-85	Crevalle jack	<u>Caranx hippos</u>				100.00		100.00
1985-86	Blackfin tuna	<u>Thunnus atlanticus</u>					27.27	27.27
	Blue runner	<u>Caranx crysos</u>					4.55	4.55
	Crevalle jack	<u>Caranx hippos</u>				4.55		4.55
	Rock hind	<u>Epinephelus adscensionis</u>				9.09		9.09
	Sea bass sp.	Family <u>Serranidae</u>				4.55		4.55
	Sheepshead	<u>Archosargus probatocephalus</u>				45.45		45.45
	Silky shark	<u>Carcharhinus falciformis</u>				4.55		4.55
1986-87	Atlantic bonito	<u>Sarda sarda</u>			4.62			4.62
	Blue runner	<u>Caranx crysos</u>					20.00	20.00
	Bluefish	<u>Pomatomus saltatrix</u>			6.15			6.15
	Crevalle jack	<u>Caranx hippos</u>			1.54		1.54	4.62
	Great barracuda	<u>Sphyrna barracuda</u>			1.54			1.54
	Pompano dolphin	<u>Coryphaena equisetis</u>			61.54			61.54
	Sailfish	<u>Istiophorus platyterus</u>			1.54			1.54
1987-88	Crevalle jack	<u>Caranx hippos</u>					8.89	8.89
	Dog snapper	<u>Lutjanus jocu</u>					33.33	33.33
	Gag	<u>Mycteroperca microlepis</u>					8.89	8.89
	Knobbed porgy	<u>Calamus nodosus</u>					6.67	6.67
	Pompano dolphin	<u>Coryphaena equisetis</u>					17.78	17.78
	Rock hind	<u>Epinephelus adscensionis</u>					8.89	8.89
	Scamp	<u>Mycteroperca phenax</u>					6.67	6.67
	Silver seatrout	<u>Cynoscion nothus</u>					2.22	2.22
	Smooth puffer	<u>Lagocephalus laevis</u>					2.22	2.22
	Warsaw grouper	<u>Epinephelus nigritus</u>			2.22			4.44
1988-89	Great barracuda	<u>Sphyrna barracuda</u>			33.33			33.33
	Silky shark	<u>Carcharhinus falciformis</u>					66.67	66.67

Table G.7. (Cont'd.)

Year	Common name	Scientific name	Area					Coastwide ^a
			Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
1989-90	Almaco jack	<u>Seriola rivoliana</u>				60.00		60.00
	Atlantic bonito	<u>Sarda sarda</u>				10.00		10.00
	Crevalle jack	<u>Caranx hippos</u>			10.00			10.00
	Flat needlefish	<u>Ablennes hians</u>				10.00		10.00
	Wahoo	<u>Acanthocybium solandri</u>				10.00		10.00
1990-91	Bonnethead	<u>Sphyrna tiburo</u>			100.00			100.00
1991-92	Blackfin tuna	<u>Thunnus atlanticus</u>					75.00	75.00
	Cero	<u>Scomberomorus regalis</u>			8.33			8.33
	Gag	<u>Mycteroperca microlepis</u>			8.33			8.33
	Smooth puffer	<u>Lagocephalus laevigatus</u>			8.33			8.33
1992-93	Bluefish	<u>Pomatomus saltatrix</u>			66.67			66.67
	Shark sp.	Order Lamniformes/Squaliformes		33.33				33.33
1993-94	none							
1994-95	Rock hind	<u>Epinephelus adscensionis</u>						100.00
1995-96	Bluefish	<u>Pomatomus saltatrix</u>	50.00					50.00
	Crevalle jack	<u>Caranx hippos</u>				50.00		50.00
1996-97	Bluefish	<u>Pomatomus saltatrix</u>			33.33			33.33
	Gag	<u>Mycteroperca microlepis</u>		11.11				11.11
	Gray snapper	<u>Lutjanus griseus</u>		22.22				22.22
	Spinner shark	<u>Carcharhinus brevipinna</u>					33.33	33.33
1997-98	Blue runner	<u>Caranx crysos</u>						18.18
	Gray snapper	<u>Lutjanus griseus</u>			36.36			36.36
	Rock hind	<u>Epinephelus adscensionis</u>					27.27	27.27
	Spinner shark	<u>Carcharhinus brevipinna</u>		9.09				9.09
	Warsaw grouper	<u>Epinephelus nigritus</u>			9.09			9.09
1998-99	Atlantic bonito	<u>Sarda sarda</u>			4.76			4.76
	Bonnethead	<u>Sphyrna tiburo</u>			6.35			6.35
	Crevalle jack	<u>Caranx hippos</u>		1.59				1.59
	Family requiem sharks	Family Carcharhinidae			1.59			1.59

Table G-7. (Cont'd.)

Year	Common name	Scientific name	Area					Coastwide ^a
			Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
1998-99 (Cont'd.)								
	Gag	<u>Mycteroperca microlepis</u>			1.59			1.59
	Gray snapper	<u>Lutjanus griseus</u>	3.17			17.46		20.63
	Lemon shark	<u>Negaprion brevirostris</u>	1.59					1.59
	Rock hind	<u>Epinephelus adscensionis</u>			11.11	41.27		52.38
	Sheepshead	<u>Archosargus probatocephalus</u>	3.17					3.17
	Southern kingfish	<u>Menticirrhus americanus</u>	6.35					6.35
1999-2000								
	Bar jack	<u>Caranx ruber</u>	3.03					3.03
	Family snappers	Family Lutjanidae	5.15					5.15
	Gray snapper	<u>Lutjanus griseus</u>			6.06			6.06
	Great barracuda	<u>Sphyrna barracuda</u>			3.03			3.03
	Lookdown	<u>Selene vomer</u>			6.06			6.06
	Rainbow runner	<u>Elagatis bipinnulata</u>						3.03
	Red hind	<u>Epinephelus guttatus</u>	3.03			3.03		3.03
	Rock hind	<u>Epinephelus adscensionis</u>				45.45		45.45
	Sheepshead	<u>Archosargus probatocephalus</u>						3.03
	Spinner shark	<u>Carcharhinus brevipinna</u>			3.03			3.03
	Tripletail	<u>Lobotes surinamensis</u>			9.09			9.09
2000-01								
	Blackfin tuna	<u>Thunnus atlanticus</u>				45.90		45.90
	Family requiem sharks	Family Carcharhinidae				11.48		11.48
	Family sea basses	Family Serranidae						1.64
	Gray snapper	<u>Lutjanus griseus</u>			1.64			1.64
	Pinfish	<u>Lagodon rhomboides</u>						3.28
	Pompano dolphin	<u>Coryphaena equisetis</u>			1.64			1.64
	Red hind	<u>Epinephelus guttatus</u>			3.28			3.28
	Rock hind	<u>Epinephelus guttatus</u>			1.64			1.64
	Scamp	<u>Mycteroperca phenax</u>			19.67			19.67
	Silky shark	<u>Carcharhinus falciformis</u>			3.28			3.28
	Spinner shark	<u>Carcharhinus brevipinna</u>				1.64		1.64
	Yellowfin tuna	<u>Thunnus albacares</u>			3.28			3.28
2001-02								
	Blue runner	<u>Caranx crysos</u>						3.23
	Bluefish	<u>Pomatomus saltatrix</u>				3.23		3.23
	Bull shark	<u>Carcharhinus leucas</u>						3.23
	Gafftopsail catfish	<u>Bagre marinus</u>						9.68
	Gray snapper	<u>Lutjanus griseus</u>						12.90
	Great barracuda	<u>Sphyrna barracuda</u>		12.90				3.23
	Mutton snapper	<u>Lutjanus analis</u>						9.68
	Pompano dolphin	<u>Coryphaena equisetis</u>		41.94				41.94

Table G.7. (Cont'd.)

Year	Common name	Scientific name	Area					Coastwide ^a
			Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
2001-02 (Cont'd.)								
	Silky shark	<u>Carcharhinus falciformis</u>				6.45		6.45
	Spinner shark	<u>Carcharhinus brevipinna</u>	3.23					3.23
	Tripletail	<u>Lobotes surinamensis</u>		3.23				3.23
2002-03								
	Blackfin tuna	<u>Thunnus atlanticus</u>			6.41			7.69
	Blue runner	<u>Caranx crysos</u>					1.28	1.28
	Bluefish	<u>Pomatomus saltatrix</u>					7.69	7.69
	Gray snapper	<u>Lutjanus griseus</u>			5.13		34.62	46.15
	Pompano dolphin	<u>Coryphaena equisetis</u>			25.64			25.64
	Red hind	<u>Epinephelus guttatus</u>			1.28			1.28
	Rock hind	<u>Epinephelus adscensionis</u>						2.56
	Scamp	<u>Mycteroperca phenax</u>			1.28			1.28
	Spinner shark	<u>Carcharhinus brevipinna</u>			2.56			3.85
	Wahoo	<u>Acanthocybium solandri</u>			1.28			1.28
	Warsaw grouper	<u>Epinephelus nigritus</u>			1.28			1.28

^a Due to rounding of numbers, coastwide percentages may not exactly equal sum of area percentages.

Table G-8. Residential origin (%) of party-boat anglers in the EEZ by area and year (1983-2003). Blanks indicate no interviews conducted.

Residence Year	Area						Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Adjacent coastal counties							
1983-84		100	33	16	7		18
1984-85				3	26		14
1985-86				23	24		23
1986-87		100	67	0	8		28
1987-88			35	10	31		26
1988-89			14	36	33		29
1989-90			54	25			47
1990-91			33	33			33
1991-92			48	60	7		35
1992-93		33	100				71
1993-94							
1994-95				23	56		32
1995-96		17		14	0		60
1996-97	91	33	39	23			40
1997-98	48	18	38	42	50		37
1998-99	35	72	35	30	14		40
1999-2000	47	79	14	40			51
2000-01	44	58	39	30			40
2001-02	44	90	55	28			57
2002-03		46	36	42	20		38
Non-adjacent coastal counties							
1983-84		0	33	2	31		12
1984-85				21	0		11
1985-86				6	11		8
1986-87		0	0	0	0		0
1987-88			5	0	0		2
1988-89			0	12	0		6
1989-90			15	0	0		12
1990-91			7	0			5
1991-92			9	40	20		16
1992-93		0	0				0
1993-94							
1994-95		0		0	22		7
1995-96	9			0	0		6
1996-97	18	0	33	0	0		17
1997-98	9	0	25	0	0		8
1998-99	0	0	18	17	0		10
1999-2000	0	0	25	0	0		6

Table G.8. (Cont'd.)

Residence Year	Area						Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Non-adjacent coastal counties (Cont'd.)							
2000-01		0	11	0		7	
2001-02	0	0	18	8		6	
2002-03		4	19	0	0	12	
Non-coastal counties							
1983-84		0	33	65	62	60	
1984-85				62	61	62	
1985-86				54	50	52	
1986-87		0	33	100	77	64	
1987-88			60	85	46	62	
1988-89			71	48	58	57	
1989-90			31	75	41	41	
1990-91			60	67		62	
1991-92			39	0	60	42	
1992-93		0	0			0	
1993-94							
1994-95		83		46	11	43	
1995-96	0	67	28	86	100	34	
1996-97	30	0	29	77		41	
1997-98	30	24	36	58	0	36	
1998-99	21	24	36	47	71	38	
1999-2000	56	12	50	60		37	
2000-01		33	49	70		52	
2001-02	39	10	23	61		32	
2002-03		50	38	58	80	45	
Other states and countries							
1983-84		0	0	17	0	11	
1984-85				15	13	14	
1985-86				17	16	16	
1986-87		0	0	0	15	8	
1987-88			0	5	23	11	
1988-89			14	4	8	8	
1989-90			0	0	0	0	
1990-91			0	0	0	0	
1991-92			4	0		7	
1992-93		67	0	0	13	29	
1993-94							
1994-95		0		31	11	18	
1995-96	0	0	0	0	0	0	
1996-97	3	0	0	0	0	1	

Table G.8. (Cont'd.)

Residence Year	Area					Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
Other states and countries (Cont'd.)						
1997-98	26	82	8	0	50	19
1998-99	32	4	11	7	14	12
1999-2000	0	8	11	0		6
2000-01		8	0	0		1
2001-02	17	0	5	3		4
2002-03		0	6	0	0	4

Table G.9. Species sought (%) by party-boat anglers in the EEZ by area and year (1991-2003).

Species Year	Area						Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
King mackerel							
1991-92	-	-	25.0	100.0	40.0	40.0	40.0
1992-93	-	0	0	-	-	0	0
1993-94	-	-	-	-	-	-	-
1994-95	-	0	-	66.7	0	33.3	33.3
1995-96	0	-	-	100.0	0	16.7	16.7
1996-97	0	0	0	50.0	-	8.3	8.3
1997-98	0	50.0	0	57.1	100.0	33.3	33.3
1998-99	0	0	10.0	20.0	0	7.7	7.7
1999-2000	0	18.2	20.0	25.0	-	17.4	17.4
2000-01	-	0	8.3	20.0	-	10.5	10.5
2001-02	0	0	0	0	-	0	0
2002-03	-	40.0	0	0	0	8.3	8.3
King mackerel and red snapper							
1991-92	-	-	0	0	0	0	0
1992-93	-	0	0	-	-	0	0
1993-94	-	-	-	-	-	-	-
1994-95	-	0	-	0	100.0	33.3	33.3
1995-96	0	-	-	0	0	0	0
1996-97	40.0	0	25.0	0	-	25.0	25.0
1997-98	0	0	50.0	0	0	11.1	11.1
1998-99	0	0	20.0	20.0	0	11.5	11.5
1999-2000	0	0	0	0	-	0	0
2000-01	-	0	50.0	0	-	31.6	31.6
2001-02	0	50.0	0	14.3	-	22.7	22.7
2002-03	-	20.0	21.4	25.0	0	20.8	20.8
Red snapper							
1991-92	-	-	25.0	0	0	10.0	10.0
1992-93	-	0	100.0	-	-	50.0	50.0
1993-94	-	-	-	-	-	-	-
1994-95	-	100.0	-	33.3	0	33.3	33.3
1995-96	66.7	-	-	0	0	25.0	25.0
1996-97	20.0	100.0	25.0	0	-	22.2	22.2
1997-98	50.0	0	50.0	0	0	30.8	30.8
1998-99	0	50.0	40.0	0	-	13.0	13.0
1999-2000	0	9.1	25.0	0	-	15.8	15.8
2000-01	-	0	50.0	14.3	-	22.7	22.7
2001-02	33.3	12.5	50.0	25.0	-	37.5	37.5
2002-03	-	20.0	42.9	25.0	100.0	37.5	37.5

Table G.9. (Cont'd.)

Species Year	Area						Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre		
Sharks^a							
1991-92	-	-	0	0	0	0	0
1992-93	-	0	0	-	-	0	0
1993-94	-	-	-	-	-	-	-
1994-95	-	0	-	0	0	0	0
1995-96	0	-	-	0	0	0	0
1996-97	0	0	0	0	-	0	0
1997-98	0	0	0	0	0	0	0
1998-99	0	0	0	20.0	0	3.8	3.8
1999-2000	0	0	0	25.0	-	4.3	4.3
2000-01	-	0	0	0	-	0	0
2001-02	0	0	0	0	-	0	0
2002-03	-	20.0	0	25.0	0	8.3	8.3
Other species or combinations							
1991-92	-	-	0	0	40.0	20.0	20.0
1992-93	-	100.0	0	-	-	50.0	50.0
1993-94	-	-	-	-	-	-	-
1994-95	-	0	-	0	0	0	0
1995-96	0	-	-	0	0	0	0
1996-97	20.0	0	50.0	50.0	-	33.3	33.3
1997-98	0	0	0	0	0	0	0
1998-99	33.3	50.0	10.0	0	0	19.2	19.2
1999-2000	33.3	18.2	0	0	-	13.0	13.0
2000-01	-	50.0	0	40.0	-	15.8	15.8
2001-02	0	0	0	28.6	-	9.1	9.1
2002-03	-	0	14.3	0	0	8.3	8.3
No particular species							
1991-92	-	-	50.0	0	20.0	30.0	30.0
1992-93	-	0	0	-	-	0	0
1993-94	-	-	-	-	-	-	-
1994-95	-	0	-	0	0	0	0
1995-96	33.3	-	-	0	100.0	50.0	50.0
1996-97	20.0	0	0	0	-	8.3	8.3
1997-98	50.0	50.0	0	42.9	0	33.3	33.3
1998-99	66.7	0	10.0	40.0	100.0	26.9	26.9
1999-2000	66.7	54.5	40.0	50.0	-	52.2	52.2
2000-01	-	50.0	16.7	40.0	-	26.3	26.3
2001-02	66.7	37.5	50.0	42.9	-	45.5	45.5
2002-03	-	0	21.4	25.0	0	16.7	16.7

Table G.9. (Cont'd.)

Species Year	Area					Coastwide
	Sabine Lake	Galveston	Matagorda	Corpus Christi	Lower Laguna Madre	
Number of responses						
1991-92	0	0	4	1	5	10
1992-93	0	1	1	0	0	2
1993-94	0	0	0	0	0	0
1994-95	0	1	0	3	2	6
1995-96	3	0	0	1	2	6
1996-97	5	1	4	2	0	12
1997-98	4	2	4	7	1	18
1998-99	3	6	10	5	2	26
1999-2000	3	11	5	4	0	23
2000-01	0	2	12	5	0	19
2001-02	3	8	4	7	0	22
2002-03	0	5	14	4	1	24

^a Orders Lamniformes and Squaliformes.

Table G.10. Trip satisfaction (%) of party-boat anglers in the EEZ by response scale category, area, and year (1987-2003).

Area	Year	Response scale categories ^a										Mean response	No. of responses				
		0	1	2	3	4	5	6	7	8	9			10			
Sabine Lake																	
	1987-88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
	1988-89	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
	1989-90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
	1990-91	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
	1991-92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
	1992-93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
	1993-94	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
	1994-95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
	1995-96	0	0	0	0	0	0	0	0	0	0	0	0	0	100.0	10.0	3
	1996-97	0	0	0	0	0	0	0	0	0	0	20.0	40.0	40.0	40.0	8.6	5
	1997-98	0	0	0	0	0	0	0	0	0	0	0	33.3	33.3	66.7	9.3	3
	1998-99	0	0	0	0	0	0	0	0	0	0	33.3	33.3	33.3	0	8.0	3
	1999-2000	0	0	0	0	0	0	0	0	33.3	33.3	0	0	0	33.3	7.0	3
	2000-01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
	2001-02	0	0	0	0	0	0	0	0	33.3	0	0	66.7	0	0	7.0	3
	2002-03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
Galveston																	
	1987-88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
	1988-89	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
	1989-90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
	1990-91	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
	1991-92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
	1992-93	0	0	0	0	0	0	0	0	0	0	0	0	100.0	0	9.0	1
	1993-94	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
	1994-95	0	0	0	0	0	0	0	0	0	0	0	100.0	0	8.0	1	
	1995-96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
	1996-97	0	0	0	0	0	0	0	0	0	0	0	0	100.0	0	9.0	1
	1997-98	0	0	0	0	0	0	0	0	0	0	50.0	0	0	50.0	8.5	2
	1998-99	0	0	0	0	0	0	0	0	33.3	0	0	33.3	0	33.3	7.7	6
	1999-2000	10.0	0	10.0	10.0	0	0	0	0	0	0	10.0	20.0	0	40.0	6.8	10
	2000-01	0	0	0	0	0	0	0	0	0	0	0	0	50.0	0	8.5	2
	2001-02	0	0	0	0	0	0	0	0	12.5	0	0	25.0	12.5	50.0	8.8	8
	2002-03	0	0	0	20.0	20.0	0	0	0	0	0	0	0	20.0	40.0	7.2	5

Table G.10. (Cont'd.)

Area	Year	Response scale categories ^a										Mean response	No. of responses					
		0	1	2	3	4	5	6	7	8	9			10				
Matagorda																		
	1987-88	0	0	0	0	25.0	0	0	0	0	0	0	0	0	25.0	50.0	8.0	4
	1988-89	0	0	0	0	0	0	0	0	0	0	33.3	0	0	0	33.3	8.0	3
	1989-90	0	0	0	0	0	0	0	0	0	0	0	33.3	0	0	33.3	8.3	3
	1990-91	50.0	0	50.0	0	0	0	0	0	0	0	0	0	0	0	0	1.0	2
	1991-92	0	0	0	0	0	0	0	0	0	0	0	0	0	33.3	33.3	9.0	3
	1992-93	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100.0	10.0	1
	1993-94	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
	1994-95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
	1995-96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
	1996-97	0	0	0	0	0	0	0	0	0	0	0	25.0	25.0	0	0	8.2	4
	1997-98	0	0	0	0	0	0	0	0	0	0	0	0	25.0	0	50.0	9.2	4
	1998-99	0	0	0	0	0	0	0	0	0	0	10.0	10.0	10.0	60.0	60.0	9.3	10
	1999-2000	0	0	0	0	0	20.0	0	0	0	0	40.0	0	0	20.0	20.0	7.6	5
	2000-01	0	0	0	0	8.3	0	8.3	8.3	0	0	0	0	16.7	16.7	41.7	8.4	12
	2001-02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100.0	10.0	3
	2002-03	0	0	0	0	7.1	0	0	0	0	7.1	0	0	0	21.4	64.3	9.3	14
Corpus Christi																		
	1987-88	0	0	0	0	0	16.7	16.7	0	0	16.7	16.7	0	33.3	16.7	16.7	7.7	6
	1988-89	0	0	0	0	0	0	0	66.7	0	0	0	0	0	0	33.3	8.0	3
	1989-90	0	0	0	0	0	0	0	0	0	0	0	100.0	0	0	0	8.0	1
	1990-91	0	0	0	0	0	0	0	50.0	0	0	0	0	0	50.0	50.0	8.5	2
	1991-92	0	0	0	0	0	0	0	0	0	0	0	0	0	100.0	10.0	1	
	1992-93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
	1993-94	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
	1994-95	0	0	0	0	0	0	0	33.3	0	0	0	0	0	33.3	33.3	8.7	3
	1995-96	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6.0	1
	1996-97	0	0	0	0	0	0	0	0	0	0	0	0	0	100.0	10.0	2	
	1997-98	0	0	16.7	0	0	16.7	0	0	0	0	0	0	33.3	33.3	7.2	6	
	1998-99	0	0	0	0	0	0	0	0	0	0	0	0	0	80.0	9.8	5	
	1999-2000	0	0	0	0	0	0	0	0	0	0	0	0	0	100.0	10.0	4	
	2000-01	0	0	0	0	0	0	0	0	0	0	0	0	0	60.0	60.0	9.6	5
	2001-02	0	0	0	0	0	0	0	0	0	0	0	28.6	0	71.4	9.4	7	
	2002-03	0	0	0	0	0	0	0	0	0	0	0	0	25.0	75.0	9.8	4	

Table G.10. (Cont'd.)

Area	Response scale categories ^a										Mean response	No. of responses	
	0	1	2	3	4	5	6	7	8	9			10
Lower Laguna Madre													
1987-88	0	0	0	0	0	0	0	0	14.3	42.9	42.9	9.3	7
1988-89	0	0	0	0	0	0	50.0	0	0	0	50.0	8.5	2
1989-90	-	-	-	-	-	-	-	-	-	-	-	-	0
1990-91	-	-	-	-	-	-	-	-	-	-	-	-	0
1991-92	0	0	0	0	0	40.0	0	0	0	0	60.0	8.4	5
1992-93	-	-	-	-	-	-	-	-	-	-	-	-	0
1993-94	-	-	-	-	-	-	-	-	-	-	-	-	0
1994-95	0	0	0	0	0	0	0	50.0	50.0	0	50.0	9.0	2
1995-96	0	0	0	0	50.0	0	0	0	50.0	0	0	6.0	2
1996-97	-	-	-	-	-	-	-	-	-	-	-	-	0
1997-98	0	0	0	0	0	0	0	0	100.0	0	0	8.0	1
1998-99	0	0	0	0	0	0	0	0	0	0	100.0	10.0	2
1999-2000	-	-	-	-	-	-	-	-	-	-	-	-	0
2000-01	-	-	-	-	-	-	-	-	-	-	-	-	0
2001-02	-	-	-	-	-	-	-	-	-	-	-	-	0
2002-03	0	0	0	0	0	0	0	0	0	0	100.0	10.0	1
Coastwide													
1987-88	0	0	0	5.9	0	5.9	0	0	17.6	29.4	35.3	8.4	17
1988-89	0	0	0	0	0	0	37.5	0	12.5	0	37.5	8.1	8
1989-90	0	0	0	0	0	0	25.0	0	50.0	0	25.0	8.2	4
1990-91	25.0	0	25.0	0	0	0	25.0	0	0	0	25.0	4.8	4
1991-92	0	0	0	0	0	22.2	0	11.1	0	11.1	55.6	8.7	9
1992-93	0	0	0	0	0	0	0	0	0	50.0	50.0	9.5	2
1993-94	-	-	-	-	-	-	-	-	-	-	-	-	0
1994-95	0	0	0	0	0	0	16.7	0	33.3	16.7	33.3	8.7	6
1995-96	0	0	0	0	16.7	16.7	0	16.7	16.7	0	50.0	8.0	6
1996-97	0	0	0	0	0	0	16.7	25.0	25.0	25.0	33.3	8.8	12
1997-98	0	0	6.2	0	0	6.2	6.2	31.2	31.2	6.2	43.8	8.3	16
1998-99	0	0	0	0	0	7.7	7.7	15.4	15.4	15.4	53.8	8.9	26
1999-2000	4.5	0	4.5	4.5	0	9.1	13.6	9.1	9.1	4.5	45.5	7.6	22
2000-01	0	0	0	0	5.3	5.3	5.3	15.8	15.8	26.3	42.1	8.7	19
2001-02	0	0	0	0	0	9.5	0	28.6	28.6	4.8	57.1	8.9	21
2002-03	0	0	0	4.2	4.2	4.2	0	4.2	4.2	20.8	62.5	9.0	24

^a Level of trip satisfaction, where 0 = not at all satisfied and 10 = completely satisfied.

APPENDIX H: Bay and Pass Private-boat Fishing Estimates for Trips Lasting More Than 12 Hours

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Table H.1. Number of days surveyed, number of private-boat anglers interviewed for trips lasting more than 12 h in Texas bays and passes by bay system and year (1983-2003).

Item	Bay system										Coastwide	
	Sabine Lake	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre				
Number of days surveyed												
1983-84	0	131	132	108	133	133	133	133	133	133	133	903
1984-85	0	133	133	108	133	133	133	133	133	133	133	906
1985-86	0	133	133	108	133	133	133	133	133	133	133	906
1986-87	0	133	133	108	133	133	133	133	133	133	133	906
1987-88	108	133	133	108	133	133	133	133	133	133	133	1014
1988-89	108	132	130	105	130	130	130	130	131	131	131	997
1989-90	108	131	132	108	133	133	133	133	133	133	133	1011
1990-91	108	133	133	108	133	133	133	133	133	133	133	1014
1991-92	108	133	133	108	133	133	133	133	133	133	133	1014
1992-93	108	133	133	108	133	133	133	133	133	133	133	1014
1993-94	108	133	132	107	133	133	133	133	131	132	132	1007
1994-95	108	133	133	108	133	133	133	133	133	133	133	1014
1995-96	108	133	133	108	133	133	133	133	133	133	132	1013
1996-97	108	133	133	108	133	133	133	133	133	133	133	1014
1997-98	108	130	132	106	133	133	133	133	130	130	133	999
1998-99	108	133	133	108	133	133	133	133	131	131	131	1006
1999-2000	108	133	133	108	133	133	133	133	133	133	133	1014
2000-01	108	133	133	108	133	133	133	133	133	133	133	1014
2001-02	108	133	133	108	133	133	133	133	133	133	133	1014
2002-03	107	132	132	108	133	133	133	133	133	133	133	1011
Number of interviews												
1983-84		9	25	34	17	3	264	98	3	264	98	450
1984-85		10	28	30	5	8	63	44	8	63	44	188
1985-86		18	31	35	14	5	177	68	5	177	68	348
1986-87		8	34	32	13	11	230	109	11	230	109	437
1987-88	5	20	53	39	7	4	283	122	4	283	122	533
1988-89	4	20	30	22	7	7	376	111	7	376	111	577
1989-90	2	13	24	26	11	8	217	66	8	217	66	367
1990-91	2	7	22	16	13	1	91	53	1	91	53	205
1991-92	1	11	31	18	2	7	239	31	7	239	31	340
1992-93	4	18	38	48	9	3	237	60	3	237	60	417
1993-94	3	14	34	44	6	4	213	64	4	213	64	382
1994-95	3	6	38	54	13	7	322	57	7	322	57	500
1995-96	2	12	28	33	8	10	293	67	10	293	67	393
1996-97	1	18	37	32	22	5	290	69	5	290	69	474
1997-98	3	16	38	39	25	3	378	61	3	378	61	563
1998-99	6	11	28	41	13	8	362	53	8	362	53	522
1999-2000	3	13	31	44	38	6	393	50	6	393	50	578
2000-01	2	12	31	51	21	9	336	66	9	336	66	528

Table H.1. (Cont'd.)

Item	Bay system										Coastwide
	Sabine Lake	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre			
Number of interviews (Cont'd.)											
2001-02	1	10	25	38	13	6	314	64			471
2002-03	7	10	21	21	11	10	280	54			414
Number of anglers interviewed											
1983-84		26	62	94	63	5	728	266			1244
1984-85		21	85	90	21	21	184	122			544
1985-86		48	80	104	35	13	529	210			1019
1986-87		30	105	90	30	34	617	303			1209
1987-88	11	46	135	92	17	6	752	354			1413
1988-89	7	47	81	51	17	19	1021	324			1567
1989-90	4	30	64	60	29	20	594	202			1003
1990-91	7	14	64	34	29	4	252	151			555
1991-92	2	30	70	60	5	21	621	77			886
1992-93	9	44	92	113	23	7	636	176			1100
1993-94	7	41	85	122	17	16	572	172			1032
1994-95	7	11	91	122	32	22	864	174			1323
1995-96	6	27	61	90	23	30	658	196			1091
1996-97	2	44	93	79	62	12	796	221			1309
1997-98	8	39	82	121	67	8	1077	186			1588
1998-99	12	27	64	119	35	19	964	166			1406
1999-2000	5	29	96	116	107	15	1059	161			1588
2000-01	5	29	70	136	65	23	927	201			1456
2001-02	3	20	67	102	26	13	817	207			1255
2002-03	18	24	53	48	27	24	742	159			1095

Table H.2. Estimated annual fishing pressure (man-h x 1,000) \pm 1 SE, mean fishing-party size (no. of anglers), and mean adjusted trip length (h) for private-boat anglers on trips lasting more than 12 h in Texas bays and passes by bay system and year (1983-2003). Blanks indicate no interviews conducted.

Item Year	Bay system							Corpus Christi	Upper		Coastwide
	Sabine Lake	Galveston	Matagorda	San Antonio	Aransas	Laguna Madre	Lower Laguna Madre				
Fishing pressure ^a											
1983-84		9.3 \pm 4.2	16.4 \pm 4.8	13.8 \pm 3.9	25.7 \pm 13.0	0.6 \pm 0.3	150.7 \pm 22.7	36.3 \pm 6.5	252.7 \pm 27.9		
1984-85		6.6 \pm 2.7	16.7 \pm 5.5	12.5 \pm 3.1	7.6 \pm 4.6	7.5 \pm 4.1	71.3 \pm 19.6	23.8 \pm 7.2	145.9 \pm 22.8		
1985-86		12.4 \pm 4.4	18.2 \pm 5.3	13.2 \pm 4.2	6.7 \pm 2.7	1.5 \pm 1.1	117.1 \pm 26.1	22.7 \pm 5.5	191.7 \pm 28.0		
1986-87		9.8 \pm 4.8	20.4 \pm 5.1	9.7 \pm 2.7	14.6 \pm 10.4	5.3 \pm 2.9	148.6 \pm 27.3	59.8 \pm 15.0	268.2 \pm 33.8		
1987-88	0.4 \pm 0.2	13.6 \pm 4.0	19.7 \pm 6.7	11.8 \pm 2.5	2.9 \pm 1.7	0.7 \pm 0.4	157.2 \pm 23.7	49.8 \pm 9.0	256.0 \pm 26.7		
1988-89	0.6 \pm 0.4	15.2 \pm 4.3	11.6 \pm 3.3	9.4 \pm 2.8	3.5 \pm 2.1	5.3 \pm 3.2	160.7 \pm 25.6	38.7 \pm 6.8	244.8 \pm 27.4		
1989-90	0.3 \pm 0.2	10.6 \pm 4.5	18.1 \pm 7.8	7.5 \pm 2.0	4.8 \pm 2.3	3.5 \pm 1.5	124.2 \pm 28.7	26.4 \pm 5.9	195.3 \pm 30.8		
1990-91	1.0 \pm 0.8	2.4 \pm 1.2	12.5 \pm 4.0	5.0 \pm 1.4	16.9 \pm 9.7	2.7 \pm 2.7	59.1 \pm 14.8	20.2 \pm 6.0	119.8 \pm 19.4		
1991-92	0.1 \pm 0.1	17.3 \pm 6.3	13.4 \pm 5.1	7.7 \pm 3.1	0.3 \pm 0.3	2.3 \pm 1.0	82.3 \pm 13.3	11.8 \pm 3.1	135.3 \pm 16.2		
1992-93	1.1 \pm 0.7	7.5 \pm 2.6	11.7 \pm 3.3	11.2 \pm 2.8	2.4 \pm 1.1	0.6 \pm 0.3	74.0 \pm 12.9	28.4 \pm 5.7	136.8 \pm 15.0		
1993-94	0.6 \pm 0.4	10.8 \pm 3.6	19.1 \pm 5.0	13.5 \pm 2.8	1.5 \pm 1.0	2.1 \pm 1.0	133.7 \pm 38.6	20.0 \pm 4.5	201.3 \pm 39.5		
1994-95	1.5 \pm 1.1	3.9 \pm 2.0	17.7 \pm 4.4	15.3 \pm 2.9	9.7 \pm 4.0	3.1 \pm 1.6	130.2 \pm 24.7	27.8 \pm 9.6	209.4 \pm 27.4		
1995-96	0.7 \pm 0.5	6.7 \pm 2.5	11.9 \pm 3.2	13.4 \pm 3.7	1.8 \pm 0.8	6.2 \pm 2.6	89.9 \pm 18.6	25.2 \pm 7.0	155.7 \pm 20.8		
1996-97	0.1 \pm 0.1	10.7 \pm 3.5	12.6 \pm 3.4	17.2 \pm 6.3	8.2 \pm 3.8	1.1 \pm 0.6	143.9 \pm 30.4	35.4 \pm 8.3	229.4 \pm 32.7		
1997-98	0.8 \pm 0.5	10.4 \pm 3.5	12.2 \pm 3.8	19.3 \pm 5.8	11.4 \pm 4.5	3.9 \pm 2.9	133.8 \pm 30.2	25.8 \pm 5.3	217.6 \pm 32.1		
1998-99	2.2 \pm 1.0	8.0 \pm 3.4	10.4 \pm 4.2	21.8 \pm 4.8	2.4 \pm 0.8	2.0 \pm 0.8	230.1 \pm 46.5	22.8 \pm 6.3	299.6 \pm 47.5		
1999-2000	0.5 \pm 0.3	4.1 \pm 1.4	23.9 \pm 7.8	37.8 \pm 11.0	31.7 \pm 14.4	3.0 \pm 1.3	168.0 \pm 29.5	16.4 \pm 3.5	285.5 \pm 35.7		
2000-01	0.4 \pm 0.4	6.6 \pm 2.6	9.6 \pm 2.4	34.9 \pm 7.7	12.0 \pm 4.9	3.4 \pm 1.6	140.4 \pm 23.6	20.3 \pm 4.6	227.5 \pm 26.0		
2001-02	0.1 \pm 0.1	4.3 \pm 2.2	10.4 \pm 3.2	18.4 \pm 5.2	7.2 \pm 3.3	1.2 \pm 0.5	131.6 \pm 25.5	20.2 \pm 5.4	193.4 \pm 27.1		
2002-03	2.1 \pm 1.0	7.0 \pm 2.7	7.2 \pm 1.8	13.6 \pm 5.1	5.2 \pm 2.5	3.5 \pm 1.4	141.9 \pm 32.8	21.7 \pm 4.9	202.3 \pm 33.9		
Mean fishing party size											
1983-84		2.9	2.5	2.8	3.7	1.7	2.8	2.7	2.8		
1984-85		2.1	3.0	3.0	3.0	2.6	2.9	2.8	2.9		
1985-86		2.7	2.6	3.0	2.5	2.6	3.0	3.1	2.9		
1986-87		3.7	3.1	2.8	2.3	3.1	2.7	2.8	2.8		
1987-88	2.2	2.3	2.5	2.4	2.4	1.5	2.7	2.9	2.7		
1988-89	1.8	2.4	2.7	2.3	2.4	2.7	2.7	2.9	2.7		
1989-90	2.0	2.3	2.7	2.3	2.6	2.5	2.7	3.1	2.7		
1990-91	3.5	2.0	2.9	2.1	2.2	4.0	2.8	2.8	2.7		
1991-92	2.0	2.7	2.3	3.3	2.5	3.0	2.6	2.5	2.6		
1992-93	2.2	2.4	2.4	2.4	2.6	2.3	2.7	2.9	2.6		
1993-94	2.3	2.9	2.5	2.8	2.8	4.0	2.7	2.7	2.7		
1994-95	2.3	1.8	2.4	2.3	2.5	3.1	2.7	3.1	2.6		
1995-96	3.0	2.2	2.2	2.7	2.9	3.0	2.8	2.9	2.8		
1996-97	2.0	2.4	2.5	2.5	2.8	2.4	2.7	3.2	2.8		
1997-98	2.7	2.4	2.2	3.1	2.7	2.7	2.8	3.0	2.8		
1998-99	2.0	2.5	2.3	2.9	2.7	2.4	2.7	3.1	2.7		
1999-2000	1.7	2.2	3.1	2.6	2.8	2.5	2.7	3.2	2.7		
2000-01	2.5	2.4	2.3	2.7	3.1	2.6	2.8	3.0	2.8		

Table H.2. (Cont'd.)

Item	Bay system									
	Sabine Lake	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre	Coastwide	
Mean fishing party size (Cont'd.)										
2001-02	3.0	2.0	2.7	2.7	2.0	2.2	2.6	3.2	2.7	
2002-03	2.6	2.4	2.5	2.3	2.5	2.4	2.6	2.9	2.6	
Mean adjusted trip length ^b										
1983-84		11.4	15.6	14.3	13.0	11.8	15.8	11.9	14.6	
1984-85		10.9	16.1	13.2	12.8	10.0	14.6	11.5	13.4	
1985-86		11.0	14.8	14.2	13.6	12.9	16.6	11.4	14.7	
1986-87		11.7	12.9	13.6	12.7	10.8	16.2	12.1	14.4	
1987-88	8.7	9.6	13.6	13.1	11.0	11.1	16.2	11.6	14.2	
1988-89	12.3	10.9	12.6	12.9	11.0	13.8	15.3	11.8	14.2	
1989-90	13.3	11.3	13.1	12.5	10.7	11.6	15.6	11.5	14.1	
1990-91	14.1	13.1	13.7	12.0	14.5	12.4	15.6	11.3	13.9	
1991-92	7.6	11.9	12.3	13.4	9.7	10.5	14.7	11.3	13.9	
1992-93	11.3	11.1	12.4	12.1	12.3	11.8	15.5	12.3	14.0	
1993-94	13.2	11.0	12.3	13.5	13.4	11.6	17.2	11.3	15.0	
1994-95	8.1	9.3	11.3	14.3	14.4	11.2	15.9	11.1	14.6	
1995-96	8.0	10.5	10.9	15.5	14.0	10.0	15.4	10.9	14.0	
1996-97	9.5	10.0	12.7	14.2	12.1	11.7	15.2	12.4	14.2	
1997-98	8.1	10.7	15.3	13.3	13.7	14.1	15.4	11.9	14.6	
1998-99	14.3	10.2	10.1	12.6	12.6	11.4	15.5	12.6	14.4	
1999-2000	9.4	12.2	12.5	12.8	12.7	10.1	15.9	10.5	14.6	
2000-01	14.0	10.5	11.4	14.1	13.7	10.7	16.1	11.8	14.8	
2001-02	8.4	13.2	12.2	13.5	12.1	10.4	16.1	12.6	15.0	
2002-03	10.5	9.3	13.2	14.1	13.7	10.0	16.5	12.2	15.2	

^a Due to rounding of numbers, coastwide totals may not exactly equal sum of bay system totals.

^b Adjustment of trip lengths was based on Spiller et al. (2000).

Table H.3. Estimated annual landings of fishes (no. x 1,000) ± 1 SE caught by private-boat anglers during trips lasting more than 12 h in Texas bays and passes by bay system, species, and year (1983-2003). Blanks indicate no interviews conducted.

Species	Bay system									
	Sabine Lake	Galveston	Matagorda	San Antonio	Aranzas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre	Coastwide ^a	
Atlantic croaker										
1983-84		0.3 ± 0.3	0.1 ± 0.1	<1 ± <1	0.0	<1 ± <1	4.3 ± 2.0	0.5 ± 0.3	5.3 ± 2.1	
1984-85		1.0 ± 0.7	0.0	0.0	0.1 ± 0.1	0.1 ± 0.1	0.2 ± 0.1	0.0	1.3 ± 0.7	
1985-86		0.1 ± 0.1	0.0	0.1 ± 0.1	0.0	0.0	1.6 ± 0.6	0.3 ± 0.2	2.1 ± 0.6	
1986-87		1.2 ± 1.2	1.2 ± 1.1	0.0	0.0	0.2 ± 0.2	1.3 ± 0.9	<1 ± <1	4.0 ± 1.9	
1987-88	0.0	0.9 ± 0.6	0.1 ± 0.1	0.0	0.0	<1 ± <1	4.2 ± 3.6	0.1 ± <1	5.3 ± 3.6	
1988-89	0.0	0.6 ± 0.4	0.0	0.0	0.0	0.0	3.3 ± 1.8	0.1 ± 0.1	4.0 ± 1.8	
1989-90	0.0	1.2 ± 1.2	0.0	0.0	0.0	<1 ± <1	0.7 ± 0.5	0.0	1.9 ± 1.3	
1990-91	0.0	0.0	0.0	0.0	0.0	0.0	2.3 ± 2.2	<1 ± <1	2.3 ± 2.2	
1991-92	0.0	<1 ± <1	<1 ± <1	0.0	0.0	0.0	0.1 ± <1	<1 ± <1	0.1 ± 0.1	
1992-93	<1 ± <1	0.1 ± 0.1	0.0	<1 ± <1	0.0	0.0	1.6 ± 1.0	0.1 ± 0.1	1.8 ± 1.0	
1993-94	0.0	1.2 ± 1.1	<1 ± <1	<1 ± <1	0.0	0.0	0.1 ± 0.1	0.2 ± 0.1	1.5 ± 1.1	
1994-95	0.1 ± 0.1	0.1 ± 0.1	0.0	0.0	0.0	0.0	6.8 ± 5.3	<1 ± <1	7.0 ± 5.3	
1995-96	0.2 ± 0.2	<1 ± <1	0.2 ± 0.2	0.0	0.0	0.0	<1 ± <1	0.1 ± 0.1	0.5 ± 0.3	
1996-97	<1 ± <1	0.1 ± 0.1	0.8 ± 0.7	0.0	0.0	0.0	0.9 ± 0.4	<1 ± <1	1.9 ± 0.8	
1997-98	0.0	1.1 ± 1.0	0.2 ± 0.2	0.0	0.0	0.0	0.2 ± 0.1	<1 ± <1	1.6 ± 1.1	
1998-99	<1 ± <1	0.0	0.1 ± 0.1	0.0	<1 ± <1	0.6 ± 0.6	1.4 ± 0.6	<1 ± <1	2.2 ± 0.8	
1999-2000	0.0	0.0	0.2 ± 0.2	0.0	0.0	0.0	1.2 ± 1.2	<1 ± <1	1.4 ± 1.2	
2000-01	<1 ± <1	0.3 ± 0.3	0.0	0.0	0.0	<1 ± <1	0.1 ± <1	0.0	0.4 ± 0.3	
2001-02	0.0	<1 ± <1	0.0	0.0	0.5 ± 0.5	<1 ± <1	0.1 ± 0.1	<1 ± <1	0.7 ± 0.5	
2002-03	0.4 ± 0.3	0.5 ± 0.4	0.0	<1 ± <1	0.0	0.0	0.5 ± 0.5	<1 ± <1	1.5 ± 0.7	
Black drum										
1983-84		0.2 ± 0.1	0.3 ± 0.2	0.1 ± 0.1	0.2 ± 0.2	0.0	1.9 ± 1.1	0.2 ± 0.1	2.8 ± 1.2	
1984-85		0.1 ± 0.1	<1 ± <1	0.0	<1 ± <1	0.0	0.1 ± 0.1	0.5 ± 0.3	0.8 ± 0.3	
1985-86		<1 ± <1	0.2 ± 0.2	0.0	0.0	<1 ± <1	0.4 ± 0.2	<1 ± <1	0.8 ± 0.3	
1986-87		0.1 ± 0.1	0.4 ± 0.4	<1 ± <1	0.0	<1 ± <1	1.0 ± 0.7	0.1 ± 0.1	1.6 ± 0.8	
1987-88	<1 ± <1	0.4 ± 0.3	0.1 ± <1	<1 ± <1	0.0	<1 ± <1	0.2 ± 0.1	0.1 ± <1	0.8 ± 0.4	
1988-89	0.0	0.2 ± 0.2	0.1 ± 0.1	<1 ± <1	0.0	0.0	1.7 ± 0.7	<1 ± <1	2.1 ± 0.7	
1989-90	0.0	0.4 ± 0.4	0.1 ± 0.1	0.0	0.0	<1 ± <1	1.5 ± 0.5	<1 ± <1	2.0 ± 0.7	
1990-91	0.0	0.0	0.1 ± 0.1	0.0	0.0	0.0	0.4 ± 0.2	0.1 ± 0.1	0.6 ± 0.3	
1991-92	0.0	0.0	0.1 ± 0.1	<1 ± <1	0.0	0.0	2.5 ± 1.0	0.1 ± 0.1	2.6 ± 1.0	
1992-93	0.5 ± 0.5	0.1 ± <1	<1 ± <1	<1 ± <1	<1 ± <1	<1 ± <1	1.5 ± 0.9	0.4 ± 0.2	2.6 ± 1.0	
1993-94	0.0	0.2 ± 0.1	<1 ± <1	<1 ± <1	<1 ± <1	0.1 ± 0.1	2.8 ± 0.9	0.2 ± 0.1	3.3 ± 0.9	
1994-95	<1 ± <1	0.0	<1 ± <1	0.1 ± 0.1	<1 ± <1	0.2 ± 0.1	7.3 ± 2.0	0.3 ± 0.1	7.8 ± 2.0	
1995-96	0.0	0.0	0.1 ± 0.1	<1 ± <1	0.0	0.2 ± 0.1	2.7 ± 1.3	0.2 ± 0.1	3.2 ± 1.3	
1996-97	0.0	0.1 ± 0.1	<1 ± <1	<1 ± <1	0.2 ± 0.2	<1 ± <1	9.2 ± 3.0	<1 ± <1	9.6 ± 3.0	
1997-98	0.0	0.3 ± 0.2	0.0	<1 ± <1	<1 ± <1	0.0	3.4 ± 2.1	0.1 ± <1	3.8 ± 2.1	
1998-99	0.0	0.0	<1 ± <1	0.2 ± 0.1	0.0	0.0	2.7 ± 1.3	<1 ± <1	2.9 ± 1.3	
1999-2000	0.0	0.0	<1 ± <1	0.4 ± 0.2	0.0	<1 ± <1	6.8 ± 3.4	0.0	7.4 ± 3.4	
2000-01	0.0	0.1 ± 0.1	<1 ± <1	0.1 ± 0.1	<1 ± <1	0.0	3.3 ± 0.9	0.1 ± 0.1	3.6 ± 1.0	

Table H.3. (Cont'd.)

Species	Bay system										Coastwide ^a	
	Year	Sabine Lake	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi		Upper Laguna Madre			Lower Laguna Madre
							Christi	Upper Laguna Madre				
Black drum (Cont'd.)												
2001-02	0.0	0.0	<1 ± <1	0.0	<1 ± <1	0.3 ± 0.2	0.0	2.3 ± 0.7	0.2 ± 0.1	0.2 ± 0.1	2.7 ± 0.7	
2002-03	0.0	<1 ± <1	<1 ± <1	<1 ± <1	<1 ± <1	<1 ± <1	0.0	1.4 ± 0.8	0.2 ± 0.1	0.2 ± 0.1	1.7 ± 0.8	
Gafftopsail catfish												
1983-84		<1 ± <1	<1 ± <1	0.0	0.0	0.2 ± 0.2	0.0	0.0	0.0	0.0	0.2 ± 0.2	
1984-85		0.1 ± 0.1	0.1 ± 0.1	0.6 ± 0.5	0.1 ± 0.1	<1 ± <1	<1 ± <1	0.0	0.0	0.0	0.8 ± 0.5	
1985-86		0.2 ± 0.2	0.2 ± 0.2	<1 ± <1	0.1 ± 0.1	0.2 ± 0.2	0.0	0.0	0.0	0.0	0.4 ± 0.2	
1986-87		<1 ± <1	<1 ± <1	0.0	0.1 ± <1	0.0	0.0	0.0	0.0	0.0	0.1 ± <1	
1987-88	0.0	0.0	<1 ± <1	0.1 ± 0.1	<1 ± <1	<1 ± <1	0.0	0.0	0.0	<1 ± <1	0.1 ± 0.1	
1988-89	0.0	<1 ± <1	<1 ± <1	<1 ± <1	<1 ± <1	0.0	0.0	<1 ± <1	<1 ± <1	<1 ± <1	0.2 ± 0.1	
1989-90	0.0	0.0	<1 ± <1	<1 ± <1	<1 ± <1	0.0	<1 ± <1	<1 ± <1	0.0	0.0	0.1 ± <1	
1990-91	0.0	0.0	0.0	<1 ± <1	0.1 ± 0.1	0.0	<1 ± <1	0.0	0.0	0.0	0.1 ± 0.1	
1991-92	0.0	0.0	0.3 ± 0.2	0.0	<1 ± <1	0.0	0.0	0.0	0.0	0.0	0.3 ± 0.2	
1992-93	0.0	<1 ± <1	<1 ± <1	<1 ± <1	0.1 ± 0.1	0.0	0.0	0.0	0.0	0.0	0.2 ± 0.1	
1993-94	0.0	0.0	0.0	0.2 ± 0.1	<1 ± <1	<1 ± <1	<1 ± <1	0.0	0.0	0.0	0.2 ± 0.1	
1994-95	<1 ± <1	0.0	0.0	<1 ± <1	0.1 ± 0.1	<1 ± <1	0.0	0.0	<1 ± <1	<1 ± <1	0.2 ± 0.1	
1995-96	0.0	0.0	0.0	0.1 ± 0.1	0.0	<1 ± <1	0.0	0.0	0.0	0.0	0.1 ± 0.1	
1996-97	0.0	0.0	0.0	0.1 ± 0.1	0.2 ± 0.2	<1 ± <1	0.0	<1 ± <1	<1 ± <1	<1 ± <1	0.4 ± 0.2	
1997-98	0.0	<1 ± <1	<1 ± <1	0.0	0.0	0.0	0.0	<1 ± <1	<1 ± <1	0.0	0.1 ± <1	
1998-99	0.0	0.0	0.0	0.0	0.2 ± 0.2	<1 ± <1	<1 ± <1	0.0	0.0	0.0	0.3 ± 0.2	
1999-2000	0.0	0.0	0.0	0.2 ± 0.2	0.1 ± 0.1	<1 ± <1	0.1 ± 0.1	0.0	0.0	0.0	0.4 ± 0.2	
2000-01	0.0	<1 ± <1	<1 ± <1	0.0	<1 ± <1	<1 ± <1	0.0	0.0	0.0	0.0	0.1 ± <1	
2001-02	0.0	<1 ± <1	<1 ± <1	0.0	<1 ± <1	<1 ± <1	0.0	0.0	0.0	0.0	0.1 ± <1	
2002-03	0.0	0.1 ± <1	0.1 ± <1	<1 ± <1	0.0	<1 ± <1	<1 ± <1	0.0	0.0	0.0	0.1 ± 0.1	
Red drum												
1983-84		0.3 ± 0.2	0.3 ± 0.2	0.7 ± 0.3	0.6 ± 0.2	0.5 ± 0.3	<1 ± <1	2.6 ± 0.6	1.9 ± 0.6	1.9 ± 0.6	6.7 ± 1.0	
1984-85		0.2 ± 0.2	0.2 ± 0.2	0.1 ± 0.1	0.1 ± <1	0.1 ± 0.1	<1 ± <1	0.4 ± 0.2	0.9 ± 0.4	0.9 ± 0.4	1.8 ± 0.5	
1985-86		0.1 ± 0.1	0.1 ± 0.1	0.4 ± 0.2	0.2 ± 0.1	0.1 ± <1	0.0	1.9 ± 0.5	0.9 ± 0.3	0.9 ± 0.3	3.5 ± 0.6	
1986-87		<1 ± <1	<1 ± <1	0.4 ± 0.2	0.8 ± 0.4	<1 ± <1	<1 ± <1	2.8 ± 0.8	4.2 ± 1.4	4.2 ± 1.4	8.3 ± 1.7	
1987-88	<1 ± <1	0.1 ± 0.1	0.1 ± 0.1	0.4 ± 0.2	0.7 ± 0.3	0.2 ± 0.1	0.1 ± 0.1	5.5 ± 1.5	5.8 ± 2.0	5.8 ± 2.0	12.9 ± 2.5	
1988-89	0.0	0.2 ± 0.1	0.2 ± 0.1	0.2 ± 0.1	0.4 ± 0.2	0.1 ± <1	0.2 ± 0.1	2.7 ± 0.5	2.5 ± 0.5	2.5 ± 0.5	6.2 ± 0.8	
1989-90	0.0	0.1 ± 0.1	0.1 ± 0.1	0.3 ± 0.2	0.2 ± 0.1	0.1 ± 0.1	<1 ± <1	1.9 ± 0.4	2.5 ± 0.8	2.5 ± 0.8	5.1 ± 0.9	
1990-91	<1 ± <1	<1 ± <1	<1 ± <1	0.5 ± 0.3	<1 ± <1	0.4 ± 0.3	0.1 ± 0.1	0.3 ± 0.1	0.9 ± 0.3	0.9 ± 0.3	2.3 ± 0.5	
1991-92	0.0	0.1 ± 0.1	0.1 ± 0.1	0.5 ± 0.3	0.4 ± 0.2	<1 ± <1	0.2 ± 0.1	0.6 ± 0.2	0.4 ± 0.2	0.4 ± 0.2	2.3 ± 0.4	
1992-93	<1 ± <1	0.0	0.0	0.1 ± 0.1	0.3 ± 0.1	<1 ± <1	<1 ± <1	1.9 ± 0.6	1.9 ± 0.5	1.9 ± 0.5	4.4 ± 0.8	
1993-94	<1 ± <1	0.1 ± 0.1	0.1 ± 0.1	0.4 ± 0.2	0.7 ± 0.2	0.1 ± 0.1	0.2 ± 0.2	5.0 ± 1.5	1.9 ± 0.6	1.9 ± 0.6	8.5 ± 1.6	
1994-95	0.1 ± 0.1	<1 ± <1	<1 ± <1	0.4 ± 0.2	0.6 ± 0.2	0.4 ± 0.3	0.2 ± 0.2	3.8 ± 0.9	1.6 ± 0.5	1.6 ± 0.5	7.2 ± 1.1	
1995-96	<1 ± <1	0.1 ± 0.1	0.1 ± 0.1	0.5 ± 0.2	0.3 ± 0.1	0.1 ± 0.1	0.7 ± 0.6	1.7 ± 0.6	1.4 ± 0.3	1.4 ± 0.3	4.8 ± 0.9	
1996-97	0.0	0.2 ± 0.1	0.2 ± 0.1	0.2 ± 0.1	0.1 ± 0.1	0.7 ± 0.4	<1 ± <1	1.9 ± 0.7	1.8 ± 0.5	1.8 ± 0.5	5.0 ± 1.0	

Table H.3. (Cont'd.)

Species	Bay system										Coastwide ^a
	Sabine Lake	Galveston	Matagorda	San Antonio	Aransas	Christi	Upper Laguna Madre	Lower Laguna Madre			
Red drum (Cont'd.)											
1997-98	0.0	0.1 ± 0.1	0.4 ± 0.2	0.4 ± 0.1	0.1 ± 0.1	0.5 ± 0.3	2.5 ± 0.6	1.6 ± 0.5	5.5 ± 0.9		
1998-99	0.0	0.1 ± 0.1	0.1 ± 0.1	0.9 ± 0.4	0.1 ± 0.1	0.1 ± 0.1	0.1 ± 0.1	0.8 ± 0.2	4.8 ± 0.8		
1999-2000	<1 ± <1	0.1 ± 0.1	0.5 ± 0.2	0.8 ± 0.3	1.7 ± 1.3	0.2 ± 0.1	7.6 ± 2.6	1.1 ± 0.3	12.0 ± 3.0		
2000-01	<1 ± <1	0.1 ± 0.1	0.9 ± 0.5	1.2 ± 0.5	0.5 ± 0.3	0.1 ± 0.1	5.9 ± 1.4	1.3 ± 0.4	10.0 ± 1.7		
2001-02	<1 ± <1	<1 ± <1	0.6 ± 0.4	0.3 ± 0.1	0.3 ± 0.2	<1 ± <1	4.9 ± 1.5	1.4 ± 0.5	7.5 ± 1.7		
2002-03	0.1 ± 0.1	0.2 ± 0.1	0.3 ± 0.2	0.2 ± 0.1	0.1 ± 0.1	<1 ± <1	6.1 ± 2.9	0.9 ± 0.2	7.9 ± 3.0		
Sand seatrout											
1983-84		0.1 ± 0.1	<1 ± <1	0.1 ± 0.1	<1 ± <1	0.0	2.3 ± 1.2	3.6 ± 2.9	6.1 ± 3.1		
1984-85		<1 ± <1	0.4 ± 0.4	<1 ± <1	0.0	0.0	0.3 ± 0.3	1.0 ± 1.0	1.9 ± 1.1		
1985-86		0.1 ± 0.1	<1 ± <1	0.3 ± 0.2	0.0	0.0	0.4 ± 0.2	1.5 ± 0.7	2.2 ± 0.8		
1986-87		<1 ± <1	<1 ± <1	0.0	0.0	0.0	0.1 ± 0.1	0.1 ± 0.1	0.2 ± 0.1		
1987-88	0.0	2.5 ± 2.0	0.0	0.0	0.0	0.0	<1 ± <1	0.1 ± 0.1	2.6 ± 2.0		
1988-89	0.0	0.1 ± 0.1	1.7 ± 1.7	0.0	<1 ± <1	<1 ± <1	0.2 ± 0.1	<1 ± <1	2.1 ± 1.7		
1989-90	0.0	3.1 ± 3.1	0.0	0.0	0.0	<1 ± <1	<1 ± <1	0.0	3.1 ± 3.1		
1990-91	0.0	0.2 ± 0.2	0.0	0.0	0.0	0.0	0.6 ± 0.4	0.4 ± 0.4	1.2 ± 0.6		
1991-92	0.0	3.3 ± 2.2	<1 ± <1	0.1 ± 0.1	0.0	0.0	<1 ± <1	2.8 ± 2.7	6.3 ± 3.5		
1992-93	0.0	0.1 ± 0.1	0.0	0.0	0.0	0.0	1.9 ± 1.0	0.6 ± 0.3	2.6 ± 1.1		
1993-94	0.0	0.2 ± 0.2	<1 ± <1	0.2 ± 0.2	0.0	0.0	0.1 ± 0.1	0.0	0.5 ± 0.3		
1994-95	<1 ± <1	0.1 ± 0.1	0.0	0.0	0.0	0.2 ± 0.2	0.8 ± 0.4	0.2 ± 0.2	1.4 ± 0.5		
1995-96	0.3 ± 0.3	0.1 ± 0.1	0.2 ± 0.2	0.0	<1 ± <1	0.0	0.6 ± 0.3	0.1 ± 0.1	1.3 ± 0.4		
1996-97	0.0	1.5 ± 1.0	0.2 ± 0.2	0.0	<1 ± <1	0.0	1.0 ± 0.4	0.3 ± 0.2	3.0 ± 1.1		
1997-98	0.0	0.2 ± 0.2	<1 ± <1	0.0	<1 ± <1	0.0	0.2 ± 0.2	0.8 ± 0.8	1.3 ± 0.8		
1998-99	0.0	0.2 ± 0.2	<1 ± <1	0.0	0.0	0.1 ± 0.1	0.2 ± 0.1	0.0	0.5 ± 0.2		
1999-2000	0.0	0.7 ± 0.7	<1 ± <1	<1 ± <1	<1 ± <1	0.0	0.3 ± 0.2	0.2 ± 0.2	1.2 ± 0.8		
2000-01	<1 ± <1	0.3 ± 0.2	0.0	0.0	2.0 ± 2.0	0.1 ± 0.1	<1 ± <1	0.0	2.4 ± 2.0		
2001-02	0.0	0.2 ± 0.2	<1 ± <1	0.0	0.0	0.0	0.3 ± 0.1	0.0	0.5 ± 0.3		
2002-03	<1 ± <1	0.7 ± 0.5	0.1 ± 0.1	<1 ± <1	0.0	<1 ± <1	0.3 ± 0.2	0.8 ± 0.8	1.9 ± 1.0		
Sheepshead											
1983-84		<1 ± <1	0.0	0.3 ± 0.2	<1 ± <1	<1 ± <1	0.3 ± 0.1	<1 ± <1	0.7 ± 0.2		
1984-85		<1 ± <1	0.1 ± 0.1	0.0	0.0	0.0	<1 ± <1	0.0	0.2 ± 0.1		
1985-86		<1 ± <1	<1 ± <1	<1 ± <1	<1 ± <1	0.0	<1 ± <1	<1 ± <1	0.1 ± 0.1		
1986-87		0.1 ± 0.1	<1 ± <1	<1 ± <1	0.0	<1 ± <1	0.0	0.0	0.1 ± 0.1		
1987-88	<1 ± <1	0.1 ± 0.1	0.0	<1 ± <1	0.0	0.0	<1 ± <1	0.0	0.1 ± 0.1		
1988-89	0.0	0.1 ± 0.1	<1 ± <1	<1 ± <1	0.1 ± 0.1	0.0	<1 ± <1	<1 ± <1	0.2 ± 0.1		
1989-90	0.0	0.0	0.1 ± 0.1	0.0	0.0	0.0	<1 ± <1	<1 ± <1	0.1 ± 0.1		
1990-91	0.0	0.0	<1 ± <1	0.0	0.4 ± 0.4	0.0	<1 ± <1	0.2 ± 0.2	0.6 ± 0.4		
1991-92	0.0	0.0	0.4 ± 0.3	<1 ± <1	0.0	0.0	<1 ± <1	0.0	0.4 ± 0.3		
1992-93	0.0	0.0	<1 ± <1	0.0	0.0	0.0	<1 ± <1	<1 ± <1	<1 ± <1		

Table H.3. (Cont'd.)

Species Year	Bay system										Coastwide ^a
	Sabine Lake	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre			
Sheepshead (Cont'd.)											
1993-94	0.0	0.0	<1 ± <1	<1 ± <1	0.0	0.0	<1 ± <1	<1 ± <1	<1 ± <1	<1 ± <1	<1 ± <1
1994-95	0.0	0.1 ± 0.1	0.2 ± 0.1	0.1 ± <1	0.0	0.0	<1 ± <1	<1 ± <1	<1 ± <1	<1 ± <1	0.3 ± 0.1
1995-96	0.0	<1 ± <1	0.0	0.0	0.0	0.1 ± 0.1	0.1 ± 0.1	0.1 ± 0.1	0.1 ± <1	0.1 ± <1	0.2 ± 0.1
1996-97	0.0	<1 ± <1	0.1 ± 0.1	0.0	0.0	0.2 ± 0.2	0.1 ± <1	0.1 ± <1	0.1 ± <1	0.1 ± <1	0.4 ± 0.2
1997-98	0.0	0.2 ± 0.2	0.0	0.3 ± 0.3	0.0	0.0	<1 ± <1	<1 ± <1	0.0	0.0	0.6 ± 0.4
1998-99	0.0	0.0	<1 ± <1	0.4 ± 0.4	0.0	0.0	<1 ± <1	<1 ± <1	0.0	0.0	0.5 ± 0.4
1999-2000	0.0	0.0	<1 ± <1	0.1 ± <1	0.1 ± 0.1	0.0	<1 ± <1	<1 ± <1	<1 ± <1	<1 ± <1	0.2 ± 0.1
2000-01	0.0	0.0	0.0	0.1 ± 0.1	0.0	0.0	<1 ± <1	<1 ± <1	<1 ± <1	<1 ± <1	0.1 ± 0.1
2001-02	0.0	0.0	0.0	<1 ± <1	0.0	0.0	<1 ± <1	<1 ± <1	0.0	0.0	<1 ± <1
2002-03	0.0	0.0	<1 ± <1	0.4 ± 0.4	0.0	0.0	<1 ± <1	<1 ± <1	<1 ± <1	<1 ± <1	0.4 ± 0.4
Southern flounder											
1983-84		0.5 ± 0.4	4.3 ± 1.6	1.1 ± 0.6	0.6 ± 0.4	<1 ± <1	1.1 ± 0.6	1.1 ± 0.6	1.6 ± 0.5	2.7 ± 0.7	10.9 ± 2.0
1984-85		<1 ± <1	1.8 ± 1.2	0.8 ± 0.4	1.2 ± 1.2	0.2 ± 0.2	0.8 ± 0.4	0.8 ± 0.4	<1 ± <1	1.4 ± 0.8	5.3 ± 1.9
1985-86		0.9 ± 0.5	2.0 ± 0.7	1.5 ± 0.6	0.7 ± 0.4	0.0	1.5 ± 0.6	1.7 ± 0.4	1.0 ± 0.3	1.9 ± 0.5	8.0 ± 1.3
1986-87		0.2 ± 0.2	2.5 ± 1.1	1.8 ± 0.8	0.1 ± 0.1	<1 ± <1	1.8 ± 0.8	0.7 ± 0.4	2.4 ± 0.9	5.6 ± 1.7	12.7 ± 2.4
1987-88	0.1 ± 0.1	0.2 ± 0.1	1.4 ± 0.7	1.4 ± 0.6	1.2 ± 1.1	<1 ± <1	1.4 ± 0.6	1.2 ± 1.1	2.4 ± 1.1	2.4 ± 1.1	7.4 ± 1.8
1988-89	0.0	0.8 ± 0.5	1.7 ± 0.7	0.3 ± 0.2	0.5 ± 0.3	<1 ± <1	0.3 ± 0.2	0.5 ± 0.3	1.8 ± 0.4	1.8 ± 0.4	5.6 ± 1.1
1989-90	0.0	0.3 ± 0.1	1.0 ± 0.6	0.5 ± 0.4	0.6 ± 0.6	<1 ± <1	0.5 ± 0.4	0.6 ± 0.6	1.5 ± 0.8	1.5 ± 0.8	4.1 ± 1.2
1990-91	0.0	0.3 ± 0.3	1.5 ± 0.9	0.1 ± <1	4.5 ± 4.3	0.0	0.1 ± <1	4.5 ± 4.3	0.2 ± 0.1	0.2 ± 0.1	7.1 ± 4.4
1991-92	0.0	0.3 ± 0.2	0.8 ± 0.3	0.4 ± 0.2	0.2 ± 0.1	0.1 ± 0.1	0.4 ± 0.2	0.2 ± 0.1	1.7 ± 0.7	1.7 ± 0.7	3.5 ± 0.8
1992-93	0.1 ± 0.1	0.3 ± 0.2	1.1 ± 0.4	2.4 ± 0.9	0.2 ± 0.1	0.2 ± 0.2	2.4 ± 0.9	0.2 ± 0.1	0.6 ± 0.3	0.6 ± 0.3	5.4 ± 1.2
1993-94	<1 ± <1	0.3 ± 0.1	0.8 ± 0.3	1.4 ± 0.5	<1 ± <1	0.0	1.4 ± 0.5	<1 ± <1	0.1 ± <1	0.1 ± <1	3.2 ± 0.7
1994-95	0.0	0.6 ± 0.4	1.4 ± 0.6	0.9 ± 0.4	0.2 ± 0.1	0.0	0.9 ± 0.4	0.2 ± 0.1	0.1 ± <1	0.1 ± <1	3.4 ± 0.9
1995-96	<1 ± <1	0.6 ± 0.4	2.1 ± 1.0	0.1 ± 0.1	<1 ± <1	0.0	0.1 ± 0.1	<1 ± <1	<1 ± <1	<1 ± <1	2.9 ± 1.1
1996-97	0.0	0.1 ± 0.1	1.3 ± 0.6	0.4 ± 0.3	0.1 ± <1	<1 ± <1	0.4 ± 0.3	0.1 ± <1	0.3 ± 0.2	0.3 ± 0.2	2.4 ± 0.7
1997-98	0.0	0.2 ± 0.2	0.8 ± 0.5	0.4 ± 0.4	<1 ± <1	0.1 ± 0.1	0.4 ± 0.4	<1 ± <1	1.1 ± 0.3	1.1 ± 0.3	2.9 ± 0.8
1998-99	<1 ± <1	<1 ± <1	1.4 ± 0.7	0.3 ± 0.2	<1 ± <1	0.0	0.3 ± 0.2	<1 ± <1	1.7 ± 0.8	1.7 ± 0.8	3.8 ± 1.1
1999-2000	0.0	0.1 ± 0.1	0.6 ± 0.3	1.0 ± 0.5	0.3 ± 0.1	0.0	0.6 ± 0.3	0.3 ± 0.1	0.6 ± 0.3	0.6 ± 0.3	3.3 ± 0.8
2000-01	0.0	0.0	1.3 ± 0.6	0.5 ± 0.2	0.2 ± 0.2	0.0	1.3 ± 0.6	0.5 ± 0.2	0.5 ± 0.2	0.5 ± 0.2	2.6 ± 0.7
2001-02	0.0	0.2 ± 0.1	0.2 ± 0.1	<1 ± <1	<1 ± <1	0.0	<1 ± <1	<1 ± <1	0.5 ± 0.2	0.5 ± 0.2	1.0 ± 0.3
2002-03	0.0	<1 ± <1	0.2 ± 0.1	<1 ± <1	<1 ± <1	<1 ± <1	<1 ± <1	<1 ± <1	1.2 ± 0.3	1.2 ± 0.3	2.2 ± 0.6
Spotted seatrout											
1983-84		0.3 ± 0.3	2.4 ± 1.3	3.8 ± 1.8	1.4 ± 0.7	<1 ± <1	3.8 ± 1.8	1.4 ± 0.7	35.4 ± 9.0	35.4 ± 9.0	56.9 ± 9.8
1984-85		0.1 ± 0.1	0.1 ± 0.1	0.1 ± 0.1	0.1 ± 0.1	<1 ± <1	0.1 ± 0.1	0.1 ± 0.1	0.2 ± 0.2	0.2 ± 0.2	3.0 ± 1.6
1985-86		0.2 ± 0.2	0.7 ± 0.4	0.7 ± 0.4	0.1 ± <1	<1 ± <1	0.7 ± 0.4	0.1 ± <1	16.6 ± 6.5	16.6 ± 6.5	21.8 ± 6.7
1986-87		0.1 ± 0.1	1.0 ± 0.5	0.6 ± 0.2	<1 ± <1	0.5 ± 0.3	0.6 ± 0.2	<1 ± <1	24.2 ± 8.1	24.2 ± 8.1	37.2 ± 8.6
1987-88	<1 ± <1	0.4 ± 0.2	2.1 ± 0.9	1.6 ± 0.5	0.2 ± 0.1	0.0	1.6 ± 0.5	0.2 ± 0.1	26.2 ± 5.2	26.2 ± 5.2	42.2 ± 6.1
1988-89	0.0	1.1 ± 0.7	0.6 ± 0.3	0.7 ± 0.4	0.6 ± 0.4	0.6 ± 0.5	0.7 ± 0.4	0.6 ± 0.4	29.3 ± 4.7	29.3 ± 4.7	41.0 ± 5.2

Table H.3. (Cont'd.)

Species Year	Bay system										Coastwide ^a
	Sabine Lake	Galveston	Matagorda	San Antonio	Aranzas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre			
Spotted seatrout (Cont'd.)											
1989-90	0.0	0.4 ± 0.2	0.3 ± 0.2	0.6 ± 0.3	0.4 ± 0.2	0.7 ± 0.5	23.4 ± 10.5	3.6 ± 1.2	29.5 ± 10.6		
1990-91	0.0	<1 ± <1	0.1 ± 0.1	0.2 ± 0.1	0.8 ± 0.6	0.0	2.3 ± 1.3	2.1 ± 1.2	5.5 ± 1.9		
1991-92	0.0	0.2 ± 0.2	0.2 ± 0.1	0.3 ± 0.2	<1 ± <1	0.1 ± <1	7.7 ± 1.8	0.4 ± 0.1	8.9 ± 1.9		
1992-93	0.5 ± 0.5	0.1 ± <1	0.6 ± 0.3	1.1 ± 0.4	0.3 ± 0.2	0.1 ± 0.1	12.0 ± 2.3	6.4 ± 2.1	21.2 ± 3.2		
1993-94	<1 ± <1	0.2 ± 0.1	3.8 ± 2.2	1.5 ± 0.4	0.2 ± 0.1	0.1 ± <1	12.5 ± 2.8	3.3 ± 1.1	21.6 ± 3.8		
1994-95	0.2 ± 0.2	0.1 ± 0.1	1.0 ± 0.4	2.0 ± 0.8	0.7 ± 0.3	0.1 ± 0.1	12.0 ± 2.4	5.0 ± 1.8	21.0 ± 3.2		
1995-96	0.1 ± 0.1	0.8 ± 0.4	1.0 ± 0.4	0.8 ± 0.3	0.1 ± 0.1	0.8 ± 0.8	14.9 ± 3.1	4.0 ± 1.2	22.5 ± 3.5		
1996-97	0.0	0.1 ± 0.1	0.7 ± 0.3	1.0 ± 0.4	0.4 ± 0.2	<1 ± <1	16.4 ± 4.3	4.9 ± 1.7	23.6 ± 4.6		
1997-98	0.0	0.3 ± 0.2	0.8 ± 0.3	1.3 ± 0.6	1.0 ± 0.5	0.0	27.0 ± 6.7	2.7 ± 0.8	33.1 ± 6.8		
1998-99	0.0	0.3 ± 0.3	0.5 ± 0.3	2.4 ± 1.2	0.4 ± 0.2	0.1 ± 0.1	27.0 ± 5.9	2.0 ± 0.7	32.7 ± 6.1		
1999-2000	0.1 ± 0.1	0.4 ± 0.3	2.6 ± 1.2	3.5 ± 1.2	1.9 ± 0.7	0.1 ± 0.1	22.0 ± 6.2	3.0 ± 1.0	33.7 ± 6.6		
2000-01	0.1 ± 0.1	0.3 ± 0.2	1.0 ± 0.5	1.5 ± 0.5	0.5 ± 0.3	0.2 ± 0.1	13.7 ± 2.7	2.2 ± 0.6	19.5 ± 2.9		
2001-02	0.0	0.1 ± 0.1	0.6 ± 0.3	1.5 ± 0.5	0.6 ± 0.5	0.0	7.9 ± 1.7	1.7 ± 0.5	12.5 ± 2.0		
2002-03	0.7 ± 0.7	1.0 ± 0.7	0.2 ± 0.1	0.2 ± 0.1	0.5 ± 0.3	0.2 ± 0.1	12.0 ± 2.5	0.8 ± 0.2	15.6 ± 2.7		
Other species											
1983-84		0.9 ± 0.9	0.1 ± 0.1	0.1 ± 0.1	0.4 ± 0.2	<1 ± <1	0.9 ± 0.5	1.8 ± 1.7	4.3 ± 2.0		
1984-85		0.1 ± 0.1	1.0 ± 0.6	<1 ± <1	0.0	<1 ± <1	0.0	0.7 ± 0.5	1.7 ± 0.8		
1985-86		1.0 ± 0.7	0.1 ± <1	0.3 ± 0.3	0.0	0.0	2.9 ± 2.3	0.1 ± 0.1	4.4 ± 2.4		
1986-87		0.1 ± 0.1	<1 ± <1	<1 ± <1	0.0	<1 ± <1	0.4 ± 0.2	0.9 ± 0.4	1.5 ± 0.5		
1987-88	0.1 ± <1	1.3 ± 0.7	0.5 ± 0.3	<1 ± <1	<1 ± <1	0.0	0.3 ± 0.2	0.4 ± 0.2	2.6 ± 0.8		
1988-89	0.4 ± 0.3	0.3 ± 0.2	0.2 ± 0.1	<1 ± <1	0.1 ± 0.1	<1 ± <1	3.7 ± 3.3	0.3 ± 0.2	5.1 ± 3.4		
1989-90	<1 ± <1	0.1 ± 0.1	0.2 ± 0.1	0.4 ± 0.3	0.3 ± 0.3	0.2 ± 0.2	<1 ± <1	0.1 ± 0.1	1.1 ± 0.5		
1990-91	0.1 ± 0.1	0.1 ± 0.1	0.1 ± <1	<1 ± <1	0.0	0.0	0.5 ± 0.5	0.1 ± 0.1	0.8 ± 0.5		
1991-92	0.0	0.5 ± 0.4	0.0	<1 ± <1	0.0	0.0	0.1 ± 0.1	0.4 ± 0.2	1.0 ± 0.5		
1992-93	<1 ± <1	0.3 ± 0.3	0.4 ± 0.4	0.1 ± <1	0.0	<1 ± <1	<1 ± <1	0.6 ± 0.3	1.5 ± 0.6		
1993-94	0.0	<1 ± <1	0.3 ± 0.2	<1 ± <1	0.0	0.1 ± 0.1	<1 ± <1	0.1 ± <1	0.6 ± 0.2		
1994-95	0.0	0.3 ± 0.2	0.3 ± 0.2	0.1 ± 0.1	0.0	0.1 ± <1	8.7 ± 8.1	0.4 ± 0.2	10.0 ± 8.1		
1995-96	0.1 ± 0.1	<1 ± <1	0.4 ± 0.3	0.1 ± 0.1	0.0	<1 ± <1	2.1 ± 2.1	1.2 ± 0.7	4.0 ± 2.2		
1996-97	<1 ± <1	0.1 ± 0.1	0.8 ± 0.5	0.1 ± 0.1	<1 ± <1	0.1 ± 0.1	0.4 ± 0.2	0.3 ± 0.2	1.8 ± 0.6		
1997-98	0.0	1.1 ± 1.1	0.8 ± 0.5	0.1 ± 0.1	0.0	0.0	0.2 ± 0.1	0.2 ± 0.1	2.3 ± 1.2		
1998-99	0.2 ± 0.2	0.1 ± 0.1	<1 ± <1	<1 ± <1	<1 ± <1	0.2 ± 0.2	0.5 ± 0.2	<1 ± <1	1.0 ± 0.4		
1999-2000	<1 ± <1	0.1 ± 0.1	0.1 ± 0.1	0.2 ± 0.1	0.1 ± <1	0.2 ± 0.2	0.1 ± 0.1	<1 ± <1	0.8 ± 0.3		
2000-01	0.0	0.3 ± 0.2	<1 ± <1	0.1 ± 0.1	0.2 ± 0.1	0.1 ± 0.1	0.1 ± 0.1	<1 ± <1	0.7 ± 0.3		
2001-02	0.0	<1 ± <1	0.1 ± 0.1	<1 ± <1	0.1 ± 0.1	0.2 ± 0.2	0.2 ± 0.1	0.1 ± <1	0.7 ± 0.3		
2002-03	<1 ± <1	<1 ± <1	0.3 ± 0.2	<1 ± <1	0.0	0.0	0.9 ± 0.7	0.5 ± 0.4	1.8 ± 0.8		
All species combined^a											
1983-84		2.7 ± 2.0	8.0 ± 2.5	6.1 ± 2.1	3.4 ± 1.4	0.1 ± 0.1	50.3 ± 10.7	23.2 ± 5.8	93.8 ± 12.9		
1984-85		1.7 ± 0.9	4.2 ± 1.8	1.1 ± 0.4	1.6 ± 1.3	0.3 ± 0.2	2.6 ± 1.0	5.3 ± 2.4	16.7 ± 3.6		

Table H.3. (Cont'd.)

Species Year	Bay system							Coastwide ^a	
	Sabine Lake	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre		Lower Laguna Madre
All species combined ^a (Cont'd.)									
1985-86		2.7 ± 1.1	3.5 ± 1.0	3.1 ± 1.1	1.0 ± 0.5	0.1 ± 0.1	25.6 ± 8.9	7.2 ± 1.8	43.3 ± 9.2
1986-87		1.9 ± 1.5	5.5 ± 2.1	3.3 ± 1.3	0.1 ± 0.1	0.8 ± 0.4	35.6 ± 8.7	18.5 ± 4.0	65.8 ± 10.0
1987-88	0.2 ± 0.1	5.9 ± 3.6	4.6 ± 1.4	3.7 ± 1.3	1.6 ± 1.2	0.2 ± 0.1	38.8 ± 9.1	19.1 ± 4.8	74.0 ± 11.1
1988-89	0.4 ± 0.3	3.4 ± 1.2	4.5 ± 2.1	1.5 ± 0.5	1.4 ± 0.8	0.9 ± 0.6	42.7 ± 8.3	11.6 ± 2.3	66.4 ± 9.0
1989-90	<.1 ± <.1	5.6 ± 4.9	1.9 ± 1.0	1.7 ± 0.6	1.4 ± 1.0	1.1 ± 0.6	29.1 ± 10.8	6.3 ± 1.6	47.1 ± 12.1
1990-91	0.1 ± 0.1	0.6 ± 0.4	2.3 ± 1.0	0.4 ± 0.1	6.0 ± 5.5	0.1 ± 0.1	7.0 ± 3.4	4.0 ± 1.6	20.3 ± 6.7
1991-92	0.0	4.8 ± 2.8	2.1 ± 0.9	1.4 ± 0.4	0.2 ± 0.2	0.3 ± 0.2	12.6 ± 2.4	4.1 ± 2.9	25.5 ± 4.8
1992-93	1.2 ± 0.8	1.0 ± 0.4	2.4 ± 0.7	4.0 ± 1.1	0.5 ± 0.3	0.4 ± 0.3	19.6 ± 3.7	10.6 ± 3.0	39.6 ± 5.0
1993-94	<.1 ± <.1	2.1 ± 1.5	5.6 ± 2.6	4.0 ± 0.9	0.4 ± 0.2	0.4 ± 0.3	20.7 ± 4.3	6.3 ± 1.7	39.5 ± 5.6
1994-95	0.5 ± 0.4	1.2 ± 0.7	3.3 ± 1.1	4.0 ± 1.0	1.2 ± 0.6	0.6 ± 0.4	39.5 ± 14.6	8.1 ± 2.1	58.4 ± 14.9
1995-96	0.7 ± 0.6	1.7 ± 0.7	4.6 ± 1.5	1.4 ± 0.4	0.3 ± 0.1	1.8 ± 1.0	22.2 ± 4.2	7.0 ± 1.6	39.6 ± 5.0
1996-97	0.1 ± 0.1	2.2 ± 1.2	4.3 ± 1.6	1.9 ± 0.6	1.4 ± 0.8	0.4 ± 0.3	30.2 ± 7.7	7.5 ± 2.0	48.0 ± 8.3
1997-98	0.0	3.5 ± 2.0	3.0 ± 1.0	2.6 ± 1.2	1.1 ± 0.5	0.5 ± 0.3	34.7 ± 9.2	5.6 ± 1.5	51.1 ± 9.7
1998-99	0.3 ± 0.2	0.7 ± 0.6	2.2 ± 1.0	4.5 ± 1.7	0.6 ± 0.2	1.0 ± 0.8	36.2 ± 7.1	3.3 ± 1.0	48.7 ± 7.5
1999-2000	0.1 ± 0.1	1.5 ± 0.9	4.3 ± 1.4	5.8 ± 1.6	4.6 ± 1.9	0.7 ± 0.4	38.6 ± 9.2	5.0 ± 1.4	60.6 ± 9.8
2000-01	0.2 ± 0.2	1.3 ± 0.8	3.1 ± 1.2	3.5 ± 1.0	3.3 ± 2.3	0.5 ± 0.2	23.6 ± 4.3	3.8 ± 0.9	39.4 ± 5.3
2001-02	<.1 ± <.1	4.3 ± 2.2	1.6 ± 0.7	1.8 ± 0.6	1.8 ± 1.1	0.2 ± 0.2	16.2 ± 3.4	3.4 ± 1.0	25.7 ± 3.8
2002-03	1.3 ± 0.9	2.5 ± 1.3	1.1 ± 0.4	1.0 ± 0.5	0.6 ± 0.4	0.4 ± 0.2	22.4 ± 4.8	3.9 ± 1.4	33.2 ± 5.3

^a Due to rounding of numbers, these totals may not exactly equal sum of individual totals.

Table H.4. Estimated annual catch rates of fishes (no./man-h) \pm 1 SE caught by private-boat anglers during trips lasting more than 12 h in Texas bays and passes by bay system, species, and year (1983-2003). Blanks indicate no interviews conducted.

Species Year	Bay system											
	Sabine Lake	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi		Upper Laguna Madre		Lower Laguna Madre		Coastwide
						Christi	Laguna Madre	Laguna Madre	Laguna Madre			
Atlantic croaker												
1983-84		0.04 \pm 0.04	0.01 \pm 0.01	<.01 \pm <.01	0.00	0.04 \pm 0.04	0.03 \pm 0.01	0.02 \pm 0.01	0.02 \pm 0.01	0.02 \pm 0.01	0.02 \pm 0.01	0.02 \pm 0.01
1984-85		0.15 \pm 0.11	0.00	0.00	0.02 \pm 0.02	<.01 \pm <.01	<.01 \pm <.01	0.00	0.01 \pm <.01	0.01 \pm <.01	0.01 \pm <.01	0.01 \pm <.01
1985-86		0.01 \pm 0.01	0.00	<.01 \pm <.01	0.00	0.03 \pm 0.03	0.01 \pm 0.01	0.01 \pm 0.01	0.01 \pm 0.01	0.01 \pm 0.01	0.01 \pm 0.01	0.01 \pm 0.01
1986-87		0.12 \pm 0.12	0.06 \pm 0.06	0.00	0.00	0.04 \pm 0.04	0.01 \pm 0.01	0.01 \pm 0.01	<.01 \pm <.01	<.01 \pm <.01	0.01 \pm 0.01	0.01 \pm 0.01
1987-88	0.00	0.07 \pm 0.04	<.01 \pm <.01	0.00	0.00	0.06 \pm 0.06	0.03 \pm 0.02	0.02 \pm 0.01	<.01 \pm <.01	<.01 \pm <.01	0.02 \pm 0.01	0.02 \pm 0.01
1988-89	0.00	0.04 \pm 0.03	0.00	0.00	0.00	0.00	0.02 \pm 0.01	0.01 \pm <.01	0.01 \pm <.01	0.00	0.02 \pm 0.01	0.02 \pm 0.01
1989-90	0.00	0.11 \pm 0.11	0.00	0.00	0.00	0.01 \pm 0.01	0.01 \pm 0.01	0.01 \pm 0.01	0.01 \pm 0.01	0.01 \pm 0.01	0.01 \pm 0.01	0.01 \pm 0.01
1990-91	0.00	0.00	0.00	0.00	0.00	0.00	0.04 \pm 0.04	0.00	0.00	0.00	0.01 \pm 0.01	0.01 \pm 0.01
1991-92	0.00	<.01 \pm <.01	<.01 \pm <.01	0.00	0.00	0.00	<.01 \pm <.01	<.01 \pm <.01	<.01 \pm <.01	<.01 \pm <.01	0.02 \pm 0.02	0.02 \pm 0.02
1992-93	0.02 \pm 0.02	0.01 \pm 0.01	0.00	<.01 \pm <.01	0.00	0.00	0.02 \pm 0.01	0.02 \pm 0.01	0.01 \pm 0.01	0.01 \pm 0.01	<.01 \pm <.01	<.01 \pm <.01
1993-94	0.00	0.11 \pm 0.11	<.01 \pm <.01	<.01 \pm <.01	0.00	0.00	<.01 \pm <.01	0.01 \pm 0.01	0.01 \pm 0.01	0.01 \pm 0.01	0.01 \pm 0.01	0.01 \pm 0.01
1994-95	0.08 \pm 0.08	0.01 \pm 0.01	0.00	0.00	0.00	0.00	0.05 \pm 0.04	<.01 \pm <.01	<.01 \pm <.01	<.01 \pm <.01	0.03 \pm 0.03	0.03 \pm 0.03
1995-96	0.34 \pm 0.34	0.01 \pm 0.01	0.02 \pm 0.02	0.00	0.00	0.00	<.01 \pm <.01	<.01 \pm <.01	<.01 \pm <.01	<.01 \pm <.01	<.01 \pm <.01	<.01 \pm <.01
1996-97	0.74 \pm 0.74	0.01 \pm 0.01	0.06 \pm 0.06	0.00	0.00	0.00	0.01 \pm <.01	0.01 \pm <.01	0.01 \pm <.01	0.01 \pm <.01	0.01 \pm <.01	0.01 \pm <.01
1997-98	0.00	0.10 \pm 0.10	0.02 \pm 0.01	0.00	0.00	0.00	<.01 \pm <.01	<.01 \pm <.01	<.01 \pm <.01	<.01 \pm <.01	0.01 \pm <.01	0.01 \pm <.01
1998-99	0.02 \pm 0.02	0.00	0.01 \pm 0.01	0.00	0.00	0.28 \pm 0.28	0.01 \pm <.01	0.01 \pm <.01	0.01 \pm <.01	0.01 \pm <.01	0.01 \pm <.01	0.01 \pm <.01
1999-2000	0.00	0.00	0.01 \pm 0.01	0.00	0.00	0.00	0.01 \pm 0.01	0.01 \pm 0.01	0.01 \pm 0.01	0.01 \pm 0.01	0.01 \pm 0.01	0.01 \pm 0.01
2000-01	0.14 \pm 0.14	0.04 \pm 0.04	0.00	0.00	0.00	0.00	0.01 \pm 0.01	0.01 \pm 0.01	0.01 \pm 0.01	0.01 \pm 0.01	0.01 \pm 0.01	0.01 \pm 0.01
2001-02	0.00	0.01 \pm 0.01	0.00	0.00	0.00	0.01 \pm 0.01	<.01 \pm <.01	<.01 \pm <.01	<.01 \pm <.01	<.01 \pm <.01	<.01 \pm <.01	<.01 \pm <.01
2002-03	0.20 \pm 0.17	0.07 \pm 0.06	0.00	<.01 \pm <.01	0.07 \pm 0.07	0.00	<.01 \pm <.01	<.01 \pm <.01	<.01 \pm <.01	<.01 \pm <.01	<.01 \pm <.01	<.01 \pm <.01
Black drum												
1983-84		0.02 \pm 0.02	0.02 \pm 0.02	0.01 \pm 0.01	0.01 \pm 0.01	0.00	0.01 \pm 0.01	0.01 \pm 0.01	0.01 \pm 0.01	0.01 \pm 0.01	0.01 \pm 0.01	0.01 \pm 0.01
1984-85		0.02 \pm 0.02	<.01 \pm <.01	0.00	<.01 \pm <.01	0.00	<.01 \pm <.01	0.02 \pm 0.01	0.02 \pm 0.01	0.02 \pm 0.01	0.01 \pm 0.01	0.01 \pm 0.01
1985-86		<.01 \pm <.01	0.01 \pm 0.01	0.00	0.00	0.03 \pm 0.03	0.01 \pm <.01	<.01 \pm <.01	<.01 \pm <.01	<.01 \pm <.01	<.01 \pm <.01	<.01 \pm <.01
1986-87		0.01 \pm 0.01	0.02 \pm 0.02	<.01 \pm <.01	0.00	<.01 \pm <.01	0.01 \pm <.01	<.01 \pm <.01	<.01 \pm <.01	<.01 \pm <.01	0.01 \pm 0.01	0.01 \pm 0.01
1987-88	0.01 \pm 0.01	0.03 \pm 0.03	<.01 \pm <.01	<.01 \pm <.01	0.00	0.03 \pm 0.03	<.01 \pm <.01	<.01 \pm <.01	<.01 \pm <.01	<.01 \pm <.01	0.01 \pm 0.01	0.01 \pm 0.01
1988-89	0.00	0.02 \pm 0.01	0.01 \pm 0.01	<.01 \pm <.01	0.00	0.00	0.01 \pm <.01	0.01 \pm <.01	0.01 \pm <.01	0.01 \pm <.01	0.01 \pm 0.01	0.01 \pm 0.01
1989-90	0.00	0.04 \pm 0.04	<.01 \pm <.01	0.00	0.00	0.01 \pm 0.01	0.01 \pm 0.01	0.01 \pm 0.01	0.01 \pm 0.01	0.01 \pm 0.01	0.01 \pm 0.01	0.01 \pm 0.01
1990-91	0.00	0.00	<.01 \pm <.01	0.00	0.00	0.00	0.01 \pm 0.01	0.01 \pm 0.01	0.01 \pm 0.01	0.01 \pm 0.01	0.01 \pm 0.01	0.01 \pm 0.01
1991-92	0.00	0.00	0.01 \pm 0.01	<.01 \pm <.01	0.00	0.00	0.03 \pm 0.01	0.01 \pm <.01	0.01 \pm <.01	0.01 \pm <.01	0.01 \pm 0.01	0.01 \pm 0.01
1992-93	0.41 \pm 0.41	0.01 \pm 0.01	<.01 \pm <.01	<.01 \pm <.01	0.01 \pm 0.01	0.02 \pm 0.02	0.02 \pm 0.01	0.02 \pm 0.01	0.02 \pm 0.01	0.02 \pm 0.01	0.02 \pm 0.01	0.02 \pm 0.01
1993-94	0.00	0.01 \pm 0.01	<.01 \pm <.01	<.01 \pm <.01	0.01 \pm 0.01	0.03 \pm 0.03	0.02 \pm 0.01	0.02 \pm 0.01	0.02 \pm 0.01	0.02 \pm 0.01	0.02 \pm 0.01	0.02 \pm 0.01
1994-95	0.02 \pm 0.02	0.00	<.01 \pm <.01	0.01 \pm <.01	<.01 \pm <.01	<.01 \pm <.01	0.06 \pm 0.02	0.01 \pm 0.01	0.01 \pm 0.01	0.01 \pm 0.01	0.04 \pm 0.01	0.04 \pm 0.01
1995-96	0.00	0.00	0.01 \pm 0.01	<.01 \pm <.01	0.00	0.03 \pm 0.02	0.03 \pm 0.02	0.01 \pm 0.01	0.01 \pm 0.01	0.01 \pm 0.01	0.02 \pm 0.01	0.02 \pm 0.01
1996-97	0.00	0.01 \pm 0.01	<.01 \pm <.01	<.01 \pm <.01	0.03 \pm 0.03	0.02 \pm 0.02	0.06 \pm 0.02	0.01 \pm <.01	0.01 \pm <.01	0.01 \pm <.01	0.04 \pm 0.01	0.04 \pm 0.01
1997-98	0.00	0.03 \pm 0.02	0.00	<.01 \pm <.01	<.01 \pm <.01	0.00	0.03 \pm 0.02	0.01 \pm <.01	0.01 \pm <.01	0.01 \pm <.01	0.02 \pm 0.01	0.02 \pm 0.01
1998-99	0.00	0.00	<.01 \pm <.01	0.01 \pm 0.01	0.00	0.00	0.03 \pm 0.02	0.01 \pm <.01	0.01 \pm <.01	0.01 \pm <.01	0.02 \pm 0.01	0.02 \pm 0.01
1999-2000	0.00	0.00	0.00	<.01 \pm <.01	0.00	0.02 \pm 0.02	0.01 \pm 0.01	0.01 \pm 0.01	0.01 \pm 0.01	0.01 \pm 0.01	0.01 \pm 0.01	0.01 \pm 0.01
2000-01	0.00	0.01 \pm 0.01	0.00	<.01 \pm <.01	0.01 \pm 0.01	0.02 \pm 0.02	0.04 \pm 0.02	0.00	0.00	0.00	0.03 \pm 0.01	0.03 \pm 0.01

Table H.4. (Cont'd.)

Species Year	Bay system									
	Sabine Lake	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre	Coastwide	
Black drum (Cont'd.)										
2001-02	0.00	0.00	0.00	<0.01 ± <0.01	0.04 ± 0.03	0.00	0.02 ± 0.01	0.01 ± 0.01	0.01 ± <0.01	0.01 ± <0.01
2002-03	0.00	0.01 ± 0.01	0.01 ± <0.01	<0.01 ± <0.01	<0.01 ± <0.01	0.00	0.01 ± 0.01	0.01 ± 0.01	0.01 ± 0.01	0.01 ± <0.01
Gafftopsail catfish										
1983-84		<0.01 ± <0.01	0.00	0.00	0.01 ± 0.01	0.00	0.00	0.00	0.00	<0.01 ± <0.01
1984-85		0.01 ± 0.01	0.03 ± 0.03	0.01 ± 0.01	<0.01 ± <0.01	<0.01 ± <0.01	0.00	0.00	0.00	<0.01 ± <0.01
1985-86		0.01 ± 0.01	<0.01 ± <0.01	0.01 ± 0.01	0.03 ± 0.03	0.00	0.00	0.00	0.00	<0.01 ± <0.01
1986-87		<0.01 ± <0.01	0.00	0.01 ± <0.01	0.00	0.00	0.00	0.00	0.00	<0.01 ± <0.01
1987-88	0.00	0.00	<0.01 ± <0.01	<0.01 ± <0.01	<0.01 ± <0.01	0.00	0.00	<0.01 ± <0.01	<0.01 ± <0.01	<0.01 ± <0.01
1988-89	0.00	<0.01 ± <0.01	<0.01 ± <0.01	<0.01 ± <0.01	0.00	0.00	<0.01 ± <0.01	<0.01 ± <0.01	<0.01 ± <0.01	<0.01 ± <0.01
1989-90	0.00	0.00	<0.01 ± <0.01	0.00	0.00	0.01 ± 0.01	<0.01 ± <0.01	0.00	0.00	<0.01 ± <0.01
1990-91	0.00	0.00	<0.01 ± <0.01	0.02 ± 0.01	0.00	0.00	0.00	0.00	0.00	<0.01 ± <0.01
1991-92	0.00	0.02 ± 0.01	0.00	<0.01 ± <0.01	0.00	0.00	0.00	0.00	0.00	<0.01 ± <0.01
1992-93	0.00	<0.01 ± <0.01	<0.01 ± <0.01	0.01 ± 0.01	0.00	0.00	0.00	0.00	0.00	<0.01 ± <0.01
1993-94	0.00	0.00	0.01 ± 0.01	<0.01 ± <0.01	<0.01 ± <0.01	0.01 ± 0.01	0.00	0.00	0.00	<0.01 ± <0.01
1994-95	0.00	0.00	<0.01 ± <0.01	0.01 ± <0.01	<0.01 ± <0.01	0.00	0.00	0.00	0.00	<0.01 ± <0.01
1995-96	0.03 ± 0.03	0.00	<0.01 ± <0.01	0.01 ± <0.01	<0.01 ± <0.01	0.00	0.00	<0.01 ± <0.01	<0.01 ± <0.01	<0.01 ± <0.01
1996-97	0.00	0.00	0.01 ± 0.01	0.00	<0.01 ± <0.01	0.00	<0.01 ± <0.01	<0.01 ± <0.01	<0.01 ± <0.01	<0.01 ± <0.01
1997-98	0.00	0.00	0.01 ± 0.01	0.01 ± 0.01	0.00	0.00	<0.01 ± <0.01	0.00	0.00	<0.01 ± <0.01
1998-99	0.00	<0.01 ± <0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	<0.01 ± <0.01
1999-2000	0.00	0.00	0.01 ± 0.01	0.01 ± 0.01	0.01 ± 0.01	<0.01 ± <0.01	0.00	0.00	0.00	<0.01 ± <0.01
2000-01	0.00	<0.01 ± <0.01	0.01 ± 0.01	<0.01 ± <0.01	<0.01 ± <0.01	0.04 ± 0.04	0.00	0.00	0.00	<0.01 ± <0.01
2001-02	0.00	0.01 ± 0.01	0.00	<0.01 ± <0.01	<0.01 ± <0.01	0.00	0.00	0.00	0.00	<0.01 ± <0.01
2002-03	0.00	0.01 ± 0.01	0.01 ± 0.01	0.00	<0.01 ± <0.01	0.01 ± 0.01	0.00	0.00	0.00	<0.01 ± <0.01
Red drum										
1983-84		0.03 ± 0.03	0.04 ± 0.02	0.05 ± 0.02	0.02 ± 0.01	0.04 ± 0.04	0.02 ± <0.01	0.05 ± 0.02	0.03 ± <0.01	0.03 ± <0.01
1984-85		0.03 ± 0.03	0.01 ± 0.01	0.01 ± <0.01	0.01 ± 0.01	<0.01 ± <0.01	0.01 ± <0.01	0.04 ± 0.02	0.01 ± <0.01	0.01 ± <0.01
1985-86		0.01 ± 0.01	0.02 ± 0.01	0.01 ± 0.01	0.01 ± 0.01	0.00	0.02 ± 0.01	0.04 ± 0.02	0.02 ± <0.01	0.02 ± <0.01
1986-87		<0.01 ± <0.01	0.02 ± 0.01	0.09 ± 0.05	<0.01 ± <0.01	0.01 ± 0.01	0.02 ± 0.01	0.07 ± 0.03	0.03 ± 0.01	0.03 ± 0.01
1987-88	0.02 ± 0.02	0.01 ± 0.01	0.02 ± 0.01	0.06 ± 0.03	0.07 ± 0.06	0.14 ± 0.13	0.03 ± 0.01	0.12 ± 0.04	0.05 ± 0.01	0.05 ± 0.01
1988-89	0.00	0.01 ± 0.01	0.02 ± 0.01	0.05 ± 0.02	0.02 ± 0.01	0.04 ± 0.03	0.02 ± <0.01	0.06 ± 0.02	0.03 ± <0.01	0.03 ± <0.01
1989-90	0.00	0.01 ± 0.01	0.02 ± 0.01	0.02 ± 0.01	0.03 ± 0.02	0.01 ± <0.01	0.01 ± <0.01	0.09 ± 0.04	0.03 ± 0.01	0.03 ± 0.01
1990-91	0.03 ± 0.03	0.01 ± 0.01	0.04 ± 0.02	<0.01 ± <0.01	0.02 ± 0.02	0.02 ± 0.02	0.01 ± <0.01	0.04 ± 0.02	0.02 ± 0.01	0.02 ± 0.01
1991-92	0.00	<0.01 ± <0.01	0.04 ± 0.02	0.06 ± 0.03	0.10 ± 0.09	0.09 ± 0.07	0.01 ± <0.01	0.03 ± 0.02	0.02 ± <0.01	0.02 ± <0.01
1992-93	0.04 ± 0.04	0.00	0.01 ± 0.01	0.02 ± 0.01	0.01 ± 0.01	0.08 ± 0.08	0.03 ± 0.01	0.07 ± 0.02	0.03 ± 0.01	0.03 ± 0.01
1993-94	0.01 ± 0.01	0.01 ± 0.01	0.02 ± 0.01	0.05 ± 0.02	0.07 ± 0.06	0.08 ± 0.08	0.04 ± 0.02	0.10 ± 0.04	0.04 ± 0.01	0.04 ± 0.01
1994-95	0.07 ± 0.07	0.01 ± 0.01	0.02 ± 0.01	0.04 ± 0.01	0.04 ± 0.03	0.06 ± 0.06	0.03 ± 0.01	0.06 ± 0.03	0.03 ± 0.01	0.03 ± 0.01
1995-96	0.04 ± 0.04	0.01 ± 0.01	0.05 ± 0.02	0.02 ± 0.01	0.05 ± 0.04	0.11 ± 0.10	0.02 ± 0.01	0.05 ± 0.02	0.03 ± 0.01	0.03 ± 0.01
1996-97	0.00	0.02 ± 0.01	0.01 ± 0.01	0.01 ± <0.01	0.08 ± 0.06	0.01 ± 0.01	0.01 ± 0.01	0.05 ± 0.02	0.02 ± 0.01	0.02 ± 0.01

Table H.4. (Cont'd.)

Species Year	Bay system									
	Sabine Lake	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre	Coastwide	
Red drum (Cont'd.)										
1997-98	0.00	0.01 ± 0.01	0.04 ± 0.02	0.02 ± 0.01	0.01 ± 0.01	0.12 ± 0.10	0.02 ± 0.01	0.06 ± 0.02	0.03 ± 0.01	
1998-99	0.00	0.01 ± 0.01	0.01 ± <0.01	0.04 ± 0.02	0.05 ± 0.03	0.03 ± 0.02	0.01 ± <0.01	0.04 ± 0.01	0.02 ± <0.01	
1999-2000	0.04 ± 0.04	0.03 ± 0.02	0.02 ± 0.01	0.02 ± 0.01	0.06 ± 0.04	0.06 ± 0.05	0.04 ± 0.02	0.07 ± 0.02	0.04 ± 0.01	
2000-01	0.08 ± 0.08	0.01 ± 0.01	0.09 ± 0.06	0.04 ± 0.02	0.04 ± 0.03	0.03 ± 0.02	0.04 ± 0.01	0.06 ± 0.02	0.04 ± 0.01	
2001-02	0.24 ± 0.24	<0.01 ± <0.01	0.05 ± 0.04	0.01 ± 0.01	0.05 ± 0.04	0.01 ± 0.01	0.04 ± 0.01	0.07 ± 0.03	0.04 ± 0.01	
2002-03	0.04 ± 0.03	0.02 ± 0.02	0.04 ± 0.03	0.02 ± 0.01	0.02 ± 0.02	0.01 ± 0.01	0.04 ± 0.02	0.04 ± 0.01	0.04 ± 0.02	
Sand seatrout										
1983-84		0.01 ± 0.01	<0.01 ± <0.01	0.01 ± <0.01	<0.01 ± <0.01	0.00	0.01 ± 0.01	0.10 ± 0.08	0.02 ± 0.01	
1984-85		0.01 ± 0.01	0.03 ± 0.02	<0.01 ± <0.01	0.00	0.00	<0.01 ± <0.01	0.04 ± 0.04	0.01 ± 0.01	
1985-86		0.01 ± 0.01	<0.01 ± <0.01	0.02 ± 0.02	0.00	0.00	<0.01 ± <0.01	0.06 ± 0.04	0.01 ± <0.01	
1986-87		<0.01 ± <0.01	<0.01 ± <0.01	0.00	0.00	0.00	<0.01 ± <0.01	<0.01 ± <0.01	<0.01 ± <0.01	
1987-88	0.00	0.19 ± 0.15	0.00	0.00	0.00	0.00	<0.01 ± <0.01	<0.01 ± <0.01	0.01 ± 0.01	
1988-89	0.00	<0.01 ± <0.01	0.15 ± 0.15	0.00	<0.01 ± <0.01	<0.01 ± 0.01	<0.01 ± <0.01	<0.01 ± <0.01	0.01 ± 0.01	
1989-90	0.00	0.29 ± 0.29	0.00	0.00	0.00	0.01 ± 0.01	<0.01 ± <0.01	0.00	0.02 ± 0.02	
1990-91	0.00	0.07 ± 0.07	0.00	0.00	0.00	0.00	0.01 ± 0.01	0.02 ± 0.02	0.01 ± 0.01	
1991-92	0.00	0.19 ± 0.14	<0.01 ± <0.01	0.02 ± 0.02	0.00	0.00	<0.01 ± <0.01	0.24 ± 0.23	0.05 ± 0.03	
1992-93	0.00	0.02 ± 0.02	0.00	0.00	0.00	0.00	0.03 ± 0.01	0.02 ± 0.01	0.02 ± 0.01	
1993-94	0.00	0.02 ± 0.02	<0.01 ± <0.01	0.02 ± 0.02	0.00	0.00	<0.01 ± <0.01	0.00	<0.01 ± <0.01	
1994-95	0.01 ± 0.01	0.02 ± 0.02	0.00	0.00	0.00	0.07 ± 0.07	0.01 ± <0.01	0.01 ± 0.01	0.01 ± <0.01	
1995-96	0.37 ± 0.37	0.01 ± 0.01	0.02 ± 0.01	0.00	<0.01 ± <0.01	0.00	0.01 ± <0.01	0.01 ± 0.01	0.01 ± <0.01	
1996-97	0.00	0.14 ± 0.10	0.01 ± 0.01	0.00	<0.01 ± <0.01	0.00	0.01 ± <0.01	0.01 ± 0.01	0.01 ± 0.01	
1997-98	0.00	0.02 ± 0.02	<0.01 ± <0.01	0.00	<0.01 ± <0.01	0.00	0.01 ± <0.01	0.01 ± 0.01	0.01 ± 0.01	
1998-99	0.00	0.02 ± 0.02	<0.01 ± <0.01	0.00	<0.01 ± <0.01	0.00	<0.01 ± <0.01	0.03 ± 0.03	0.01 ± <0.01	
1999-2000	0.00	0.18 ± 0.18	<0.01 ± <0.01	0.00	0.00	0.05 ± 0.04	<0.01 ± <0.01	0.00	<0.01 ± <0.01	
2000-01	0.05 ± 0.05	0.04 ± 0.03	<0.01 ± <0.01	<0.01 ± <0.01	<0.01 ± <0.01	0.00	<0.01 ± <0.01	0.01 ± 0.01	<0.01 ± <0.01	
2001-02	0.00	0.06 ± 0.05	<0.01 ± <0.01	0.00	0.16 ± 0.16	0.03 ± 0.03	<0.01 ± <0.01	0.00	0.01 ± 0.01	
2002-03	0.02 ± 0.01	0.09 ± 0.08	0.01 ± 0.01	<0.01 ± <0.01	0.00	0.01 ± 0.01	<0.01 ± <0.01	0.00	0.01 ± 0.01	
Sheepshead										
1983-84		0.01 ± <0.01	0.00	0.02 ± 0.01	<0.01 ± <0.01	0.01 ± 0.01	<0.01 ± <0.01	<0.01 ± <0.01	<0.01 ± <0.01	
1984-85		0.01 ± 0.01	0.01 ± 0.01	0.00	0.00	0.00	<0.01 ± <0.01	0.00	<0.01 ± <0.01	
1985-86		<0.01 ± <0.01	<0.01 ± <0.01	<0.01 ± <0.01	<0.01 ± <0.01	0.00	0.00	<0.01 ± <0.01	<0.01 ± <0.01	
1986-87		0.01 ± 0.01	<0.01 ± <0.01	<0.01 ± <0.01	0.00	<0.01 ± <0.01	0.00	0.00	<0.01 ± <0.01	
1987-88	0.02 ± 0.02	<0.01 ± <0.01	0.00	<0.01 ± <0.01	0.00	0.00	<0.01 ± <0.01	0.00	<0.01 ± <0.01	
1988-89	0.00	<0.01 ± <0.01	<0.01 ± <0.01	<0.01 ± <0.01	0.03 ± 0.03	0.00	0.00	<0.01 ± <0.01	<0.01 ± <0.01	
1989-90	0.00	0.00	<0.01 ± <0.01	0.00	0.00	0.00	<0.01 ± <0.01	<0.01 ± <0.01	<0.01 ± <0.01	
1990-91	0.00	0.00	<0.01 ± <0.01	0.00	0.00	0.00	<0.01 ± <0.01	<0.01 ± <0.01	<0.01 ± <0.01	
1991-92	0.00	0.00	0.03 ± 0.02	<0.01 ± <0.01	0.02 ± 0.02	0.00	<0.01 ± <0.01	0.01 ± 0.01	<0.01 ± <0.01	
1992-93	0.00	0.00	<0.01 ± <0.01	<0.01 ± <0.01	0.00	0.00	<0.01 ± <0.01	0.00	<0.01 ± <0.01	

Table H.4. (Cont'd.)

Species Year	Bay system									
	Sabine Lake	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre	Coastwide	
Sheepshead (Cont'd.)										
1993-94	0.00	0.00	<0.1 ± <0.1	<0.1 ± <0.1	0.00	0.00	0.00	<0.1 ± <0.1	<0.1 ± <0.1	<0.1 ± <0.1
1994-95	0.00	0.02 ± 0.02	0.01 ± 0.01	<0.1 ± <0.1	0.00	0.00	<0.1 ± <0.1	<0.1 ± <0.1	<0.1 ± <0.1	<0.1 ± <0.1
1995-96	0.00	0.01 ± 0.01	0.00	0.00	0.00	0.01 ± 0.01	<0.1 ± <0.1	<0.1 ± <0.1	<0.1 ± <0.1	<0.1 ± <0.1
1996-97	0.00	<0.1 ± <0.1	0.01 ± 0.01	0.00	0.00	0.19 ± 0.19	<0.1 ± <0.1	<0.1 ± <0.1	<0.1 ± <0.1	<0.1 ± <0.1
1997-98	0.00	0.02 ± 0.02	0.00	0.02 ± 0.02	0.00	0.00	<0.1 ± <0.1	0.00	<0.1 ± <0.1	<0.1 ± <0.1
1998-99	0.00	0.00	<0.1 ± <0.1	0.02 ± 0.02	0.00	0.00	<0.1 ± <0.1	0.00	<0.1 ± <0.1	<0.1 ± <0.1
1999-2000	0.00	0.00	<0.1 ± <0.1	<0.1 ± <0.1	<0.1 ± <0.1	0.00	<0.1 ± <0.1	<0.1 ± <0.1	<0.1 ± <0.1	<0.1 ± <0.1
2000-01	0.00	0.00	0.00	<0.1 ± <0.1	0.00	0.00	<0.1 ± <0.1	<0.1 ± <0.1	<0.1 ± <0.1	<0.1 ± <0.1
2001-02	0.00	0.00	0.00	<0.1 ± <0.1	0.00	0.00	<0.1 ± <0.1	0.00	<0.1 ± <0.1	<0.1 ± <0.1
2002-03	0.00	0.00	<0.1 ± <0.1	0.03 ± 0.03	0.00	0.00	0.00	<0.1 ± <0.1	<0.1 ± <0.1	<0.1 ± <0.1
Southern flounder										
1983-84		0.05 ± 0.05	0.26 ± 0.12	0.08 ± 0.05	0.02 ± 0.02	0.08 ± 0.08	0.02 ± 0.01	0.05 ± 0.02	0.04 ± 0.01	0.04 ± 0.01
1984-85		<0.1 ± <0.1	0.11 ± 0.08	0.06 ± 0.03	0.15 ± 0.15	0.02 ± 0.02	0.02 ± 0.01	<0.1 ± <0.1	0.04 ± 0.01	0.04 ± 0.01
1985-86		0.07 ± 0.05	0.11 ± 0.05	0.12 ± 0.06	0.11 ± 0.07	0.00	0.02 ± 0.01	0.04 ± 0.02	0.04 ± 0.01	0.04 ± 0.01
1986-87		0.02 ± 0.02	0.12 ± 0.06	0.19 ± 0.10	0.01 ± 0.01	0.01 ± 0.01	0.04 ± 0.01	0.04 ± 0.02	0.05 ± 0.01	0.05 ± 0.01
1987-88	0.12 ± 0.12	0.01 ± 0.01	0.07 ± 0.04	0.12 ± 0.06	0.41 ± 0.40	0.01 ± 0.01	0.02 ± 0.01	0.02 ± 0.01	0.03 ± 0.01	0.03 ± 0.01
1988-89	0.00	0.06 ± 0.04	0.15 ± 0.07	0.03 ± 0.02	0.15 ± 0.12	<0.1 ± <0.1	0.01 ± <0.1	0.01 ± <0.1	0.02 ± 0.01	0.02 ± 0.01
1989-90	0.00	0.03 ± 0.02	0.06 ± 0.04	0.07 ± 0.06	0.13 ± 0.12	0.01 ± 0.01	0.01 ± 0.01	<0.1 ± <0.1	0.02 ± 0.01	0.02 ± 0.01
1990-91	0.00	0.12 ± 0.11	0.12 ± 0.08	0.01 ± 0.01	0.26 ± 0.26	0.00	0.01 ± 0.01	0.01 ± 0.01	0.06 ± 0.04	0.06 ± 0.04
1991-92	0.00	0.02 ± 0.01	0.06 ± 0.03	0.05 ± 0.03	0.62 ± 0.57	0.03 ± 0.03	0.02 ± 0.01	0.01 ± 0.01	0.03 ± 0.01	0.03 ± 0.01
1992-93	0.12 ± 0.11	0.03 ± 0.03	0.10 ± 0.04	0.21 ± 0.10	0.07 ± 0.06	0.33 ± 0.33	0.01 ± <0.1	0.02 ± 0.02	0.04 ± 0.01	0.04 ± 0.01
1993-94	0.01 ± 0.01	0.02 ± 0.01	0.04 ± 0.02	0.11 ± 0.04	0.02 ± 0.02	0.00	<0.1 ± <0.1	0.03 ± 0.02	0.02 ± <0.1	0.02 ± <0.1
1994-95	0.00	0.14 ± 0.12	0.08 ± 0.04	0.06 ± 0.03	0.02 ± 0.01	0.00	<0.1 ± <0.1	0.01 ± 0.01	0.02 ± <0.1	0.02 ± <0.1
1995-96	0.01 ± 0.01	0.10 ± 0.06	0.17 ± 0.09	0.01 ± <0.1	0.02 ± 0.02	0.00	<0.1 ± <0.1	<0.1 ± <0.1	0.02 ± 0.01	0.02 ± 0.01
1996-97	0.00	0.01 ± 0.01	0.10 ± 0.05	0.02 ± 0.02	0.01 ± 0.01	0.00	<0.1 ± <0.1	0.01 ± <0.1	0.01 ± <0.1	0.01 ± <0.1
1997-98	0.00	0.02 ± 0.02	0.07 ± 0.04	0.02 ± 0.02	<0.1 ± <0.1	0.01 ± 0.01	0.01 ± <0.1	0.01 ± 0.01	0.01 ± <0.1	0.01 ± <0.1
1998-99	0.01 ± 0.01	0.01 ± <0.1	0.14 ± 0.08	0.02 ± 0.01	0.01 ± 0.01	0.00	0.01 ± <0.1	0.01 ± 0.01	0.01 ± <0.1	0.01 ± <0.1
1999-2000	0.00	0.02 ± 0.02	0.03 ± 0.01	0.03 ± 0.01	0.01 ± 0.01	0.00	<0.1 ± <0.1	0.04 ± 0.03	0.01 ± <0.1	0.01 ± <0.1
2000-01	0.00	0.00	0.13 ± 0.07	0.02 ± 0.01	0.02 ± 0.01	0.00	<0.1 ± <0.1	0.01 ± <0.1	0.01 ± <0.1	0.01 ± <0.1
2001-02	0.00	0.04 ± 0.03	0.02 ± 0.01	<0.1 ± <0.1	<0.1 ± <0.1	0.00	<0.1 ± <0.1	<0.1 ± <0.1	0.01 ± <0.1	0.01 ± <0.1
2002-03	0.00	<0.1 ± <0.1	0.02 ± 0.01	<0.1 ± <0.1	<0.1 ± <0.1	0.01 ± 0.01	0.01 ± <0.1	0.03 ± 0.02	0.01 ± <0.1	0.01 ± <0.1
Spotted seatrout										
1983-84		0.04 ± 0.04	0.15 ± 0.09	0.28 ± 0.14	0.06 ± 0.04	0.02 ± 0.02	0.24 ± 0.07	0.37 ± 0.11	0.23 ± 0.05	0.23 ± 0.05
1984-85		0.02 ± 0.02	0.01 ± <0.1	0.01 ± 0.01	0.02 ± 0.02	<0.1 ± <0.1	<0.1 ± <0.1	0.09 ± 0.07	0.02 ± 0.01	0.02 ± 0.01
1985-86		0.02 ± 0.01	0.04 ± 0.02	0.05 ± 0.03	0.01 ± 0.01	0.02 ± 0.02	0.14 ± 0.06	0.15 ± 0.06	0.11 ± 0.04	0.11 ± 0.04
1986-87		0.01 ± 0.01	0.05 ± 0.03	0.06 ± 0.03	<0.1 ± <0.1	0.09 ± 0.07	0.16 ± 0.06	0.18 ± 0.06	0.14 ± 0.04	0.14 ± 0.04
1987-88	0.05 ± 0.04	0.03 ± 0.02	0.11 ± 0.06	0.13 ± 0.05	0.07 ± 0.05	0.00	0.17 ± 0.04	0.24 ± 0.07	0.16 ± 0.03	0.16 ± 0.03
1988-89	0.00	0.07 ± 0.05	0.05 ± 0.03	0.07 ± 0.04	0.17 ± 0.13	0.12 ± 0.10	0.18 ± 0.04	0.21 ± 0.06	0.17 ± 0.03	0.17 ± 0.03

Table H.4. (Cont'd.)

Species Year	Bay system										Coastwide
	Sabine Lake	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre			
Spotted seatrout (Cont'd.)											
1989-90	0.00	0.04 ± 0.03	0.02 ± 0.01	0.09 ± 0.04	0.08 ± 0.06	0.20 ± 0.16	0.19 ± 0.09	0.14 ± 0.05	0.15 ± 0.06		
1990-91	0.00	<0.01 ± 0.01	0.01 ± 0.01	0.03 ± 0.02	0.05 ± 0.04	0.00	0.04 ± 0.02	0.10 ± 0.06	0.05 ± 0.02		
1991-92	0.00	0.01 ± 0.01	0.02 ± 0.01	0.04 ± 0.03	0.01 ± 0.01	0.02 ± 0.02	0.09 ± 0.03	0.03 ± 0.01	0.07 ± 0.02		
1992-93	0.48 ± 0.48	0.01 ± 0.01	0.05 ± 0.03	0.10 ± 0.04	0.14 ± 0.10	0.26 ± 0.21	0.16 ± 0.04	0.22 ± 0.09	0.16 ± 0.03		
1993-94	0.05 ± 0.05	0.02 ± 0.01	0.20 ± 0.12	0.11 ± 0.04	0.13 ± 0.10	0.03 ± 0.03	0.09 ± 0.03	0.17 ± 0.07	0.11 ± 0.03		
1994-95	0.13 ± 0.13	0.02 ± 0.02	0.06 ± 0.03	0.13 ± 0.06	0.07 ± 0.04	0.03 ± 0.03	0.09 ± 0.03	0.18 ± 0.09	0.10 ± 0.02		
1995-96	0.18 ± 0.18	0.11 ± 0.07	0.08 ± 0.04	0.06 ± 0.03	0.08 ± 0.05	0.13 ± 0.13	0.17 ± 0.05	0.16 ± 0.06	0.14 ± 0.03		
1996-97	0.00	0.01 ± 0.01	0.06 ± 0.03	0.06 ± 0.03	0.05 ± 0.03	0.02 ± 0.01	0.11 ± 0.04	0.14 ± 0.06	0.10 ± 0.02		
1997-98	0.00	0.03 ± 0.02	0.07 ± 0.03	0.07 ± 0.04	0.08 ± 0.05	0.00	0.20 ± 0.07	0.10 ± 0.04	0.15 ± 0.04		
1998-99	0.00	0.04 ± 0.03	0.05 ± 0.03	0.11 ± 0.06	0.17 ± 0.09	0.05 ± 0.05	0.12 ± 0.03	0.09 ± 0.04	0.11 ± 0.03		
1999-2000	0.16 ± 0.14	0.11 ± 0.08	0.11 ± 0.06	0.09 ± 0.04	0.06 ± 0.03	0.04 ± 0.03	0.13 ± 0.04	0.18 ± 0.07	0.12 ± 0.03		
2000-01	0.23 ± 0.23	0.05 ± 0.04	0.10 ± 0.05	0.04 ± 0.02	0.04 ± 0.03	0.06 ± 0.05	0.10 ± 0.03	0.11 ± 0.04	0.09 ± 0.02		
2001-02	0.00	0.03 ± 0.03	0.06 ± 0.04	0.08 ± 0.04	0.09 ± 0.07	0.00	0.06 ± 0.02	0.08 ± 0.03	0.06 ± 0.01		
2002-03	0.35 ± 0.33	0.15 ± 0.11	0.03 ± 0.02	0.02 ± 0.01	0.09 ± 0.07	0.06 ± 0.04	0.08 ± 0.03	0.04 ± 0.01	0.08 ± 0.02		
Other species											
1983-84		0.10 ± 0.10	0.01 ± 0.01	0.01 ± 0.01	0.02 ± 0.01	0.01 ± 0.01	0.01 ± 0.01	0.05 ± 0.05	0.02 ± 0.01		
1984-85		0.01 ± 0.01	0.06 ± 0.04	<0.01 ± 0.01	<0.01 ± 0.01	<0.01 ± 0.01	0.00	0.03 ± 0.02	0.01 ± 0.01		
1985-86		0.08 ± 0.06	<0.01 ± 0.01	0.02 ± 0.02	0.00	0.00	0.02 ± 0.02	<0.01 ± 0.01	0.02 ± 0.01		
1986-87		0.01 ± 0.01	<0.01 ± 0.01	<0.01 ± 0.01	0.00	<0.01 ± 0.01	<0.01 ± 0.01	0.02 ± 0.01	0.01 ± 0.01		
1987-88	0.13 ± 0.12	0.10 ± 0.06	0.02 ± 0.02	<0.01 ± 0.01	<0.01 ± 0.01	0.00	<0.01 ± 0.01	0.01 ± 0.01	0.01 ± 0.01		
1988-89	0.69 ± 0.59	0.02 ± 0.01	0.02 ± 0.01	<0.01 ± 0.01	0.04 ± 0.03	<0.01 ± 0.01	0.02 ± 0.02	0.01 ± 0.01	0.02 ± 0.01		
1989-90	0.18 ± 0.18	0.01 ± 0.01	0.01 ± 0.01	0.05 ± 0.05	0.06 ± 0.05	0.05 ± 0.04	<0.01 ± 0.01	<0.01 ± 0.01	0.01 ± 0.01		
1990-91	0.08 ± 0.08	0.02 ± 0.02	<0.01 ± 0.01	<0.01 ± 0.01	0.00	0.00	0.01 ± 0.01	<0.01 ± 0.01	0.01 ± 0.01		
1991-92	0.00	0.03 ± 0.02	0.00	<0.01 ± 0.01	0.00	0.00	<0.01 ± 0.01	0.03 ± 0.02	0.01 ± 0.01		
1992-93	<0.01 ± 0.01	0.05 ± 0.04	0.04 ± 0.03	0.01 ± 0.01	0.00	0.04 ± 0.04	<0.01 ± 0.01	0.02 ± 0.01	0.01 ± 0.01		
1993-94	0.00	<0.01 ± 0.01	0.01 ± 0.01	<0.01 ± 0.01	0.00	0.04 ± 0.04	<0.01 ± 0.01	0.02 ± 0.01	<0.01 ± 0.01		
1994-95	0.00	0.08 ± 0.07	0.02 ± 0.01	0.01 ± 0.01	0.00	0.02 ± 0.01	0.07 ± 0.06	<0.01 ± 0.01	<0.01 ± 0.01		
1995-96	0.16 ± 0.16	0.01 ± 0.01	0.03 ± 0.03	0.01 ± 0.01	0.00	<0.01 ± 0.01	0.02 ± 0.02	0.05 ± 0.03	0.05 ± 0.04		
1996-97	0.05 ± 0.05	<0.01 ± 0.01	0.07 ± 0.04	0.01 ± 0.01	<0.01 ± 0.01	0.06 ± 0.06	<0.01 ± 0.01	0.01 ± 0.01	0.03 ± 0.01		
1997-98	0.00	0.11 ± 0.10	0.06 ± 0.04	<0.01 ± 0.01	0.00	0.00	<0.01 ± 0.01	0.01 ± 0.01	0.01 ± 0.01		
1998-99	0.10 ± 0.10	0.01 ± 0.01	<0.01 ± 0.01	<0.01 ± 0.01	<0.01 ± 0.01	0.11 ± 0.09	<0.01 ± 0.01	<0.01 ± 0.01	<0.01 ± 0.01		
1999-2000	0.01 ± 0.01	0.03 ± 0.03	<0.01 ± 0.01	0.01 ± 0.01	<0.01 ± 0.01	0.07 ± 0.07	<0.01 ± 0.01	<0.01 ± 0.01	<0.01 ± 0.01		
2000-01	0.00	0.05 ± 0.04	<0.01 ± 0.01	<0.01 ± 0.01	0.01 ± 0.01	0.02 ± 0.02	<0.01 ± 0.01	<0.01 ± 0.01	<0.01 ± 0.01		
2001-02	0.00	<0.01 ± 0.01	0.01 ± 0.01	<0.01 ± 0.01	0.01 ± 0.01	0.18 ± 0.18	<0.01 ± 0.01	<0.01 ± 0.01	<0.01 ± 0.01		
2002-03	0.01 ± 0.01	<0.01 ± 0.01	0.04 ± 0.03	<0.01 ± 0.01	0.00	0.00	<0.01 ± 0.01	0.02 ± 0.02	0.01 ± 0.01		
All species combined ^a											
1983-84		0.29 ± 0.23	0.49 ± 0.20	0.44 ± 0.19	0.13 ± 0.08	0.22 ± 0.19	0.33 ± 0.09	0.64 ± 0.2	0.37 ± 0.07		
1984-85		0.26 ± 0.17	0.25 ± 0.13	0.09 ± 0.04	0.20 ± 0.18	0.03 ± 0.03	0.04 ± 0.02	0.22 ± 0.12	0.11 ± 0.03		

Table H.4. (Cont'd.)

Species Year	Bay system							Coastwide	
	Sabine Lake	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre		Lower Laguna Madre
All species combined ^a (Cont'd.)									
1985-86		0.22 ± 0.11	0.19 ± 0.08	0.23 ± 0.11	0.15 ± 0.09	0.08 ± 0.07	0.22 ± 0.09	0.32 ± 0.11	0.23 ± 0.06
1986-87		0.19 ± 0.16	0.27 ± 0.12	0.34 ± 0.16	0.01 ± 0.01	0.16 ± 0.11	0.24 ± 0.07	0.31 ± 0.10	0.25 ± 0.05
1987-88	0.35 ± 0.27	0.43 ± 0.28	0.23 ± 0.10	0.32 ± 0.12	0.56 ± 0.48	0.24 ± 0.18	0.25 ± 0.07	0.38 ± 0.12	0.29 ± 0.05
1988-89	0.69 ± 0.59	0.23 ± 0.10	0.38 ± 0.20	0.16 ± 0.07	0.40 ± 0.31	0.17 ± 0.13	0.27 ± 0.07	0.30 ± 0.08	0.27 ± 0.05
1989-90	0.18 ± 0.18	0.53 ± 0.48	0.11 ± 0.07	0.22 ± 0.10	0.29 ± 0.23	0.30 ± 0.21	0.23 ± 0.10	0.24 ± 0.08	0.24 ± 0.07
1990-91	0.11 ± 0.11	0.23 ± 0.18	0.18 ± 0.09	0.07 ± 0.04	0.36 ± 0.34	0.02 ± 0.02	0.12 ± 0.06	0.20 ± 0.09	0.17 ± 0.06
1991-92	0.00	0.28 ± 0.18	0.15 ± 0.08	0.18 ± 0.09	0.72 ± 0.67	0.14 ± 0.10	0.15 ± 0.04	0.35 ± 0.25	0.19 ± 0.04
1992-93	1.07 ± 0.88	0.13 ± 0.07	0.20 ± 0.08	0.36 ± 0.13	0.23 ± 0.14	0.72 ± 0.57	0.26 ± 0.07	0.37 ± 0.13	0.29 ± 0.05
1993-94	0.08 ± 0.08	0.19 ± 0.15	0.29 ± 0.15	0.29 ± 0.09	0.23 ± 0.17	0.20 ± 0.15	0.16 ± 0.05	0.32 ± 0.11	0.20 ± 0.05
1994-95	0.34 ± 0.29	0.30 ± 0.22	0.19 ± 0.08	0.26 ± 0.08	0.13 ± 0.07	0.18 ± 0.14	0.30 ± 0.12	0.29 ± 0.12	0.28 ± 0.08
1995-96	1.10 ± 1.03	0.25 ± 0.14	0.38 ± 0.16	0.10 ± 0.04	0.15 ± 0.10	0.29 ± 0.19	0.25 ± 0.07	0.28 ± 0.10	0.25 ± 0.05
1996-97	0.79 ± 0.79	0.21 ± 0.13	0.34 ± 0.15	0.11 ± 0.05	0.17 ± 0.12	0.32 ± 0.29	0.21 ± 0.07	0.21 ± 0.07	0.21 ± 0.05
1997-98	0.00	0.34 ± 0.21	0.25 ± 0.11	0.13 ± 0.07	0.10 ± 0.06	0.13 ± 0.12	0.26 ± 0.09	0.22 ± 0.07	0.23 ± 0.06
1998-99	0.13 ± 0.11	0.09 ± 0.08	0.21 ± 0.12	0.21 ± 0.09	0.24 ± 0.12	0.52 ± 0.41	0.16 ± 0.04	0.14 ± 0.06	0.16 ± 0.04
1999-2000	0.22 ± 0.19	0.37 ± 0.23	0.18 ± 0.08	0.15 ± 0.06	0.14 ± 0.08	0.23 ± 0.17	0.23 ± 0.07	0.30 ± 0.10	0.21 ± 0.04
2000-01	0.50 ± 0.50	0.20 ± 0.14	0.33 ± 0.14	0.10 ± 0.03	0.28 ± 0.21	0.14 ± 0.09	0.17 ± 0.04	0.19 ± 0.06	0.17 ± 0.03
2001-02	0.24 ± 0.24	0.14 ± 0.09	0.16 ± 0.08	0.10 ± 0.04	0.25 ± 0.18	0.19 ± 0.18	0.12 ± 0.03	0.17 ± 0.06	0.13 ± 0.03
2002-03	0.61 ± 0.48	0.36 ± 0.22	0.15 ± 0.06	0.07 ± 0.04	0.11 ± 0.08	0.10 ± 0.07	0.16 ± 0.05	0.18 ± 0.07	0.16 ± 0.04

^a Due to rounding of numbers, these totals may not exactly equal sum of individual totals.

Table H.5. Residential origin (%) of private-boat anglers on trips lasting more than 12 h in Texas bays and passes by bay system and year (1983-2003). Blanks indicate no interviews conducted.

Residence Year	Bay system										Coastwide
	Sabine Lake	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre			
Adjacent coastal counties											
1983-84		92	82	54	30	60	54	76			59
1984-85		100	65	40	62	57	62	75			63
1985-86		100	55	54	31	69	57	76			62
1986-87		100	76	68	37	50	48	85			62
1987-88	100	98	83	58	47	100	51	85			65
1988-89	100	98	67	57	41	32	50	80			59
1989-90	100	100	67	55	59	65	54	83			63
1990-91	100	86	45	74	45	0	52	84			62
1991-92	100	97	67	70	40	0	54	83			60
1992-93	100	100	68	53	35	57	53	77			60
1993-94	43	95	51	57	12	75	53	85			60
1994-95	100	100	64	60	22	54	46	71			52
1995-96	100	100	61	66	26	50	48	86			58
1996-97	50	95	60	48	13	0	42	76			49
1997-98	100	95	57	49	19	50	43	80			49
1998-99	100	96	67	67	20	11	40	80			49
1999-2000	100	72	59	40	24	47	40	94			46
2000-01	60	97	41	48	22	57	41	89			49
2001-02	100	70	33	49	31	38	40	82			47
2002-03	44	92	34	40	0	50	38	91			46
Non-adjacent coastal counties											
1983-84		0	13	29	0	0	9	5			9
1984-85		0	16	13	14	29	11	11			13
1985-86		0	16	31	26	0	9	10			12
1986-87		0	10	8	3	0	15	4			10
1987-88	0	0	12	24	18	0	13	7			12
1988-89	0	0	19	16	12	32	18	9			15
1989-90	0	0	12	27	31	10	13	1			12
1990-91	0	0	38	6	14	0	7	0			9
1991-92	0	0	21	20	60	10	10	8			12
1992-93	0	0	22	14	26	29	9	9			11
1993-94	43	0	18	21	35	6	10	9			12
1994-95	0	0	26	30	34	27	15	8			16
1995-96	0	0	15	6	43	23	16	5			13
1996-97	0	0	23	24	5	17	15	6			14
1997-98	0	0	20	21	10	25	14	6			13
1998-99	0	0	23	11	23	16	12	7			12
1999-2000	0	7	21	27	24	13	15	2			16
2000-01	20	0	33	20	35	4	11	7			13

Table H.5. (Cont'd.)

Residence Year	Bay system											Coastwide
	Sabine Lake	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi		Upper Laguna Madre		Lower Laguna Madre		
						Aransas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre			
Non-adjacent coastal counties (Cont'd.)												
2001-02	0	0	40	27	12	0	16	2	16	2	16	
2002-03	39	0	47	40	7	12	16	3	17	3	17	
Non-coastal counties												
1983-84		8	5	17	70	40	36	18	30	18	30	
1984-85		0	21	47	24	14	27	12	24	12	24	
1985-86		0	29	15	43	31	33	14	26	14	26	
1986-87		0	13	24	53	44	37	10	27	10	27	
1987-88	0	2	5	17	35	0	35	7	22	7	22	
1988-89	0	2	14	25	35	37	32	10	25	10	25	
1989-90	0	0	20	18	10	20	32	15	25	15	25	
1990-91	0	14	17	21	41	100	40	12	28	12	28	
1991-92	0	3	11	10	0	14	35	9	28	9	28	
1992-93	0	0	10	32	39	14	37	14	29	14	29	
1993-94	14	2	29	22	53	19	36	4	27	4	27	
1994-95	0	0	10	10	44	18	39	20	31	20	31	
1995-96	0	0	25	29	30	20	36	9	28	9	28	
1996-97	50	5	17	27	82	83	43	17	37	17	37	
1997-98	0	0	23	30	69	25	42	13	37	13	37	
1998-99	0	4	9	22	54	74	47	11	38	11	38	
1999-2000	0	17	20	34	50	40	44	4	38	4	38	
2000-01	0	3	26	29	43	39	47	3	37	3	37	
2001-02	0	30	27	24	54	62	43	14	36	14	36	
2002-03	17	8	19	19	93	33	46	6	37	6	37	
Other states and countries												
1983-84		0	0	0	0	0	1	2	1	2	1	
1984-85		0	0	0	0	0	0	1	<1	1	<1	
1985-86		0	0	0	0	0	1	0	1	0	1	
1986-87		0	0	0	7	6	<1	1	1	1	1	
1987-88	0	0	0	1	0	0	1	1	1	1	1	
1988-89	0	0	1	2	12	0	<1	2	1	2	1	
1989-90	0	0	0	0	0	5	1	<1	1	<1	1	
1990-91	0	0	0	0	0	0	1	4	2	4	2	
1991-92	0	0	0	0	0	0	<1	0	<1	0	<1	
1992-93	0	0	0	0	0	0	<1	0	<1	0	<1	
1993-94	0	2	2	0	0	0	1	1	1	1	1	
1994-95	0	0	0	1	0	0	1	2	1	2	1	
1995-96	0	0	0	0	0	7	1	0	1	0	1	
1996-97	0	0	0	1	0	0	1	0	1	0	1	

Table H.5. (Cont'd.)

Residence Year	Bay system									
	Sabine Lake	Galveston	Matagorda	San Antonio	Aransas	Corpus Christi	Upper Laguna Madre	Lower Laguna Madre	Coastwide	
Other states and countries (Cont'd.)										
1997-98	0	5	0	0	1	0	1	1	1	1
1998-99	0	0	0	0	3	0	1	2	1	1
1999-2000	0	3	0	0	2	0	<1	0	<1	<1
2000-01	20	0	0	3	0	0	1	1	1	1
2001-02	0	0	0	0	4	0	1	1	1	1
2002-03	0	0	0	0	0	4	<1	0	<1	<1

APPENDIX I: Sportfishing Licenses, Boat Registrations, and Marine Sportfishing Harvest Regulations in Texas

- Table I.1. Number of recreational fishing licenses sold in Texas by fiscal year (1956-2003)..... 521**
- Table I.2. Number of sport oyster licenses, sport shrimp trawl licenses, fishing guide licenses, boat registrations, and saltwater sportfishing stamps sold in Texas by fiscal year (1959-2003)..... 523**
- Table I.3. Regulations affecting harvest of saltwater fishes by sport anglers in Texas coastal waters (1 September 1955 through 31 August 2003)..... 525**

Table I.1. (Cont'd.)

Fiscal year ^a	License type											Total	
	Resident fishing	Special resident fishing ^b	3-day resident fishing	14-day resident fishing	Lifetime resident fishing ^c	3-day saltwater fishing ^d	Non-resident fishing	5-day non-resident fishing	Resident combination hunting and fishing ^e	Lifetime resident combination hunting and fishing ^c	"Super" resident combination hunting and fishing ^f		"Texan" resident combination hunting and fishing
1996	1,019,116	13,785	37,891	37,891	202	47,723	57,592	500,553	2,365	403	157,175	403	1,679,227
1997	900,551	25,759	30,395	30,395	328	48,950	56,172	325,616	3,243	403	157,175	403	1,614,023
1998	897,019	32,829	24,024	24,024	357	48,769	55,114	285,196	3,535	397	211,927	397	1,640,183
1999	896,858	44,794	23,709	23,709	385	48,809	59,073	251,941	3,872	424	252,371	424	1,679,062
2000	868,429	57,060	22,631	22,631	435	48,101	55,717	228,696	4,254	362	280,595	362	1,664,377
2001	847,575	48,777	24,588	24,588	479	43,743	52,365	217,622	4,871	367	344,195	367	1,688,277
2002	819,562	56,550	22,966	22,966	516	43,635	49,242	209,512	5,140	286	361,564	286	1,668,112
2003	798,038	63,721	21,722	21,722	559	43,223	48,932	199,803	5,590	286	374,629	286	1,659,550

^a Example: Fiscal year 1956 = 1 September 1955 through 31 August 1956. Fiscal year 1958 was first year a fishing license was required to fish in Texas salt water.
^b Available to any resident who was legally blind, a qualified disabled veteran, or a licensed resident commercial fisherman. Beginning fiscal year 1996, residents becoming 65 on or after 1 September 1995 were required to obtain this license. Beginning fiscal year 1998, disabled veterans were not eligible for this license. Beginning fiscal year 2003, licensed resident commercial fishermen were not eligible for this license.
^c Numbers are cumulative from year to year.
^d Issued to both residents and non-residents.
^e Includes the "Senior" (age 65 and over) Resident Combination Hunting and Fishing License beginning fiscal year 2001.
^f Includes the "Senior" (age 65 and over) Resident "Super" Combination Hunting and Fishing License beginning fiscal year 2001.

Table I.2. Number of sport oyster boat licenses, individual bait-shrimp trawl licenses, saltwater trotline tags, fishing guide licenses, boat registrations, and saltwater sportfishing stamps sold in Texas by fiscal year (1959-2003).

Fiscal year ^a	Sport oyster boat license ^b	Individual bait-shrimp trawl tag ^c	Saltwater trotline tag ^d	Fishing guide license	Boat registration ^e	Saltwater sportfishing stamp ^f			
						Stamp alone	"Super" resident combination hunting and fishing package ^g	"Texan" resident combination hunting and fishing package ^g	Disabled veteran combination hunting and fishing package ^h
1959	60								
1960	17	8,837							
1961	58	7,399							
1962	39	6,249							
1963	45	7,003							
1964	52	6,367							
1965	80	7,034							
1966	66	7,144							
1967	42	7,324		340					
1968	44	7,508		380					
1969	35	8,553		515					
1970	38	9,662		606	250,000				
1971	35	9,947		692	261,560				
1972	28	9,296		702	303,685				
1973	25	9,537		728	372,386				
1974	24	10,521		522	434,142				
1975	31	9,281		516	453,500				
1976	48	8,866		486	486,326				
1977	68	9,707		488	485,977				
1978	91	9,982		517	515,476				
1979	136	10,349		562	536,712				
1980	178	8,926		581	542,368				
1981	235	8,701		628	546,040				
1982	218	7,384		773	561,657				
1983	266	6,753		884	580,055				
1984	286	5,240		787	598,900				
1985	289	4,664		777	603,761				
1986	251	3,737		833	593,174				
1987	223	3,290		889	607,119				390,545
1988	186	2,810		957	606,384				520,699
1989	155	2,208		1,052	606,969				569,948
1990	282	1,822		1,062	606,875				566,132
1991	173	1,594		1,120	606,206				585,391
1992	179	1,246		1,147	607,160				576,199
1993	159	1,128		1,161	591,239				561,443
1994	149	1,147		1,278	588,973				574,376
1995	139	991		1,472	601,585				615,713
					615,823				609,460

Table 1.2. (Cont'd.)

Fiscal year ^a	Sport oyster boat license ^b	Individual bait-shrimp trawl tag ^c	Saltwater trotline tag ^d	Fishing guide license	Boat registration ^e	Stamp alone	Saltwater sportfishing stamp ^f		
							"Super" resident combination hunting and fishing package ^g	"Texan" resident combination hunting and fishing package ^g	Disabled veteran combination hunting and fishing package ^h
1996	99	991		1,643	613,545	610,810			
1997	82	839		1,636	606,178	505,849	157,175	403	
1998	71	887		1,639	613,378	497,801	211,927	397	
1999	67	835		1,676	610,863	506,114	252,371	424	
2000	73	776		1,818	617,616	517,829	280,595	362	
2001	54	697	5,381	1,887	630,688	472,158	333,321	367	12,793
2002	47	628	5,532	1,862	620,740	459,311	345,543	286	15,209
2003	47	585	5,182	1,895	624,186	452,515	355,385		

^a Example: Fiscal year 1959 = 1 September 1958 through 31 August 1959.

^b This license is required when using a sport oyster dredge or tongs to take oysters. Referred to as a Sport Oyster Dredge License until fiscal year 1990. Numbers include resident and non-resident versions.

^c This tag is required for sport shrimp trawls used to take shrimp for personal use.

^d This tag was for commercial and non-commercial use until fiscal year 2001 when commercial requirements were dropped. One tag is required for each 300 ft (91.4 m), or fraction thereof, on all non-commercial trofiles and sail lines.

^e Instantaneous number of boats registered at end of fiscal year.

^f This stamp was first offered for sale on 1 January 1986.

^g The stamp was included in this license package.

^h This license became available in fiscal year 1998, but did not include the stamp until fiscal year 2002.

Table I.3. Regulations affecting harvest of saltwater fishes by sport anglers in Texas coastal waters (1 September 1955 through 31 August 2003).

Species	Limits			Effective date	Comments
	Minimum length ^a	Maximum length ^a	Daily bag		
Black drum	14 (356)	30 (762)	5	10	09-01-1988
Blue marlin ^b	114 (2,896) 131 (3,327)	-	-	-	09-01-1989 09-01-2000
Cobia	37 (940) 37 (940) 37 (940)	-	-	2 2 4	05-31-1983 09-01-1991 09-01-1992
Florida pompano ^c	9 (229)	-	-	-	09-01-1990 Repealed 09-01-1996.
Flounder ^d	12 (305) 12 (305) 14 (356)	-	-	-	09-01-1955 09-01-1988 09-01-1996 Cameron, Kenedy, and Willacy Counties only. Repealed 05-02-1984 in Kenedy and Willacy; repealed 09-01-1984 in Cameron. Includes all species, their hybrids and subspecies.
Gafftopsail catfish	14 (356)	-	-	-	09-01-1990
Goliath grouper ^e	-	-	0	0	09-01-1991 Catch and release only. Previously called jewfish.
Greater amberjack	32 (813) 32 (813) 32 (813)	-	3 3 1	3 6 2	09-01-1991 09-01-1992 09-01-1997
King mackerel	-	-	2	2	10-15-1985 Trip limit on charter vessels of 2 per person for all persons on board or 3 per person exclusive of captain and crew, whichever was greater.
	14 (356) 14 (356) 23 (584)	-	2 2 2	2 4 4	09-01-1988 09-01-1992 09-01-1993 Repeal of trip limit option on charter vessels of 3 per person exclusive of captain and crew.
	27 (686)	-	2	4	09-01-1999
Lane snapper	8 (203)	-	-	-	09-01-1991
Mullet ^f	-	12 (305)	-	-	09-01-1991 October through January only. Includes all species, their hybrids and subspecies.

Table 1.3. (Cont'd.)

Species	Limits				Effective date	Comments
	Minimum length ^a	Maximum length ^a	Daily bag	Possession		
Red drum	14 (356)	-	-	-	09-01-1955	Cameron, Kenedy, and Willacy Counties only. Limit of 2 fish greater than 35 in (889 mm). Except 14-in (356 mm) minimum length in Cameron County until 10-01-1983. Beginning 09-01-1994, retention of 2 fish greater than 28 in (711 mm) allowed per person per license year with properly executed Red Drum Tag and Bonus Red Drum Tag.
	14 (356)	-	-	-	09-01-1967	
	14 (356)	-	10	20	09-01-1977	
	16 (406)	30 (762)	10	20	09-01-1981	
	18 (457)	30 (762)	5	10	01-13-1984	
	20 (508)	28 (711)	3	6	09-01-1988	
Red snapper	13 (330)	-	-	-	06-03-1985	Persons on licensed recreational headboats exempted from limit until 09-01-1987. Retention of 5 undersized fish per person allowed until 09-01-1990.
	13 (330)	-	7	7	09-01-1991	
	13 (330)	-	7	14	09-01-1992	
	14 (356)	-	7	14	09-01-1994	
	15 (381)	-	5	10	09-01-1995	
	15 (381)	-	4	8	09-01-1999	
Sailfish ^g	76 (1,930)	-	-	-	09-01-1989	
	84 (2,134)	-	-	-	09-01-2000	
Sharks ^h	-	-	5	5	09-01-1989	Includes all species, their hybrids and subspecies.
	-	-	5	10	09-01-1992	
	24 (610)	-	1	2	09-01-2000	
Sheepshead	12 (305)	-	5	10	09-01-1988	
Snook ⁱ	18 (457)	30 (762)	5	10	09-01-1987	
	20 (508)	28 (711)	3	6	09-01-1990	
	24 (610)	28 (711)	1	2	09-01-1995	
Spanish mackerel	14 (356)	-	-	-	05-31-1983	
	14 (356)	-	3	3	09-01-1988	
	14 (356)	-	7	14	09-01-1992	
	14 (356)	-	15	30	09-01-2001	

Table 1.3. (Cont'd.)

Species	Limits					Effective date	Comments
	Minimum length ^a	Maximum length ^a	Daily bag	Possession			
Spotted seatrout	12 (305)	-	-	-	-	09-10-1955	Cameron, Kennedy, and Willacy Counties only.
	12 (305)	-	20	40	40	12-01-1978	
	14 (356)	-	10	20	20	01-13-1984	
	15 (381)	-	10	20	20	06-27-1990	
Striped bass ^l	18 (457)	-	5	10	10	09-01-1987	Includes its hybrids and subspecies.
	18 (457)	-	5	15	15	09-01-1988	
	18 (457)	-	5	10	10	09-01-1996	
Tarpon ^k	48 (1,219)	-	1	1	1	09-01-1988	Catch and release only. Retention of one fish 80 in (2,032 mm) or longer allowed per person per license year with properly executed Tarpon Tag (\$100).
	80 (2,032)	-	0	0	0	09-01-1991 09-01-1994	
Vermillion snapper	8 (203)	-	-	-	-	09-01-1991	
	10 (254)	-	-	-	-	09-01-1998	
White marlin ^l	81 (2,057)	-	-	-	-	09-01-1989	
	86 (2,184)	-	-	-	-	09-01-2000	

^a Total length in inches with millimeters in parentheses.

^b Makaira nigricans

^c Trachinotus carolinus

^d Paralichthys sp.

^e Epinephelus itajara

^f Mullu sp.

^g Istiophorus platypterus

^h Primarily Order Lamniformes.

ⁱ Centropomus sp.

^j Morone saxatilis

^k Megalops atlanticus

^l Tetrapturus albidus

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**APPENDIX K: Literature Sources Related to Significant Environmental Events in Texas
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