

**Trends in
Texas Commercial
Fishery Landings,
1972-1998**

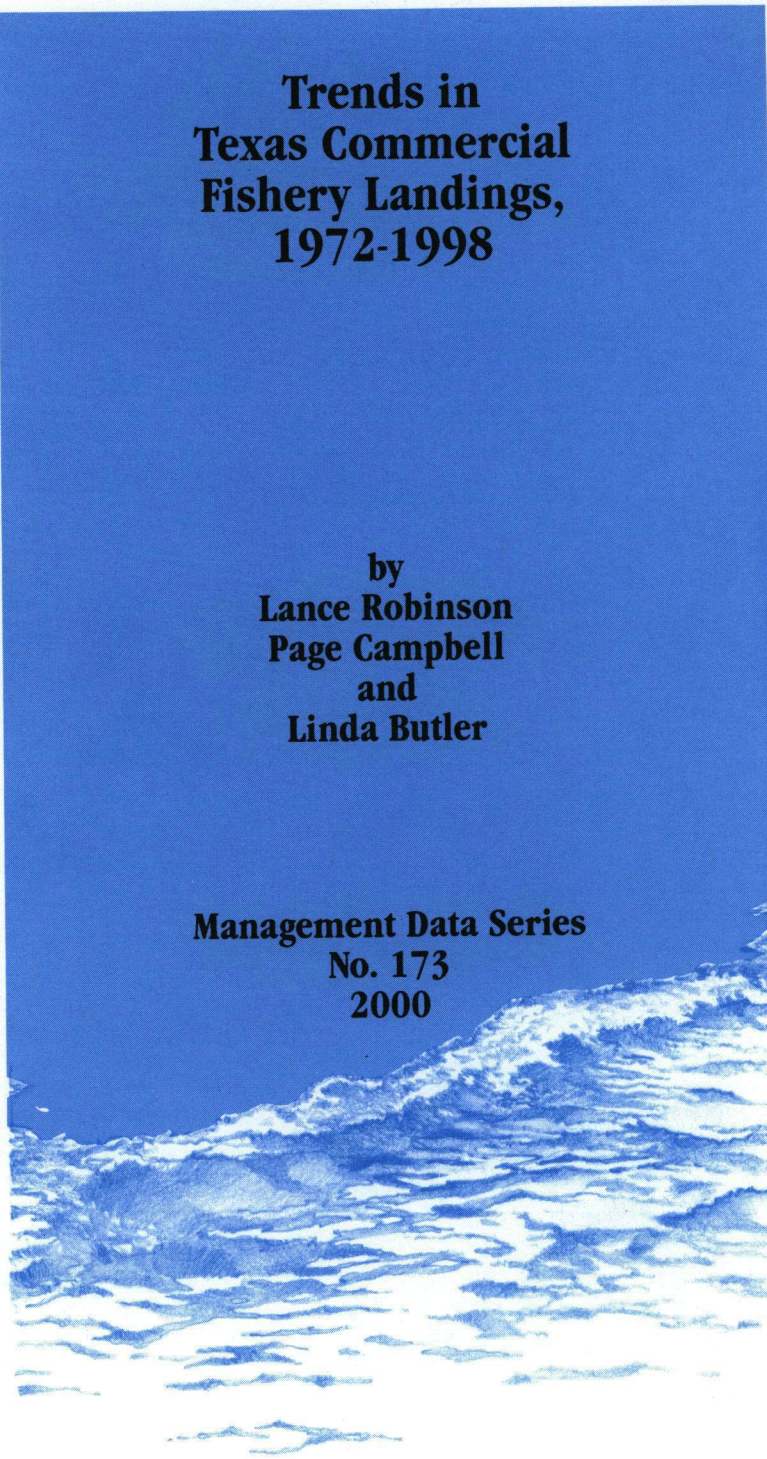
**by
Lance Robinson
Page Campbell
and
Linda Butler**

**Management Data Series
No. 173
2000**



COASTAL FISHERIES DIVISION

4200 Smith School Road
Austin, Texas 78744



ERRATA
(6 July 2001)

**MANAGEMENT DATA SERIES REPORT No. 173 : Trends
in Texas Commercial Fishery Landings, 1972-1998, by Lance
Robinson, Page Campbell, and Linda Butler.**

**DUE TO ERRORS IN PRINTING, TABLES 5 AND 15 HAVE
BEEN CORRECTED WITH THE ENCLOSED ERRATA.**

**WE APOLOGIZE FOR ANY INCONVENIENCE THIS MAY
HAVE CAUSED.**

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Table 5. Weight (lb x 1000) of the most important commercial species landed from Texas bay systems, 1972-1998.

Year	Finfish										Shellfish					Grand Total
	Shrimps					Shrimp					Blue Eastern Crab	Oyster	Other	Total		
	Black drum	Flounder	Sheeps-head	Mullet	Other	Brown and Pink	White	Other	Total	Total						
1972	1119.7	121.9	155.9	73.6	2840.3	4311.4	1856.5	6366.9	0.0	8223.4	6450.0	3917.2	2.7	18593.2	22904.6	
1973	1143.2	92.7	206.6	105.7	3268.2	4816.4	4480.5	9830.1	0.0	14310.5	6713.1	1927.2	2.9	22953.8	27770.1	
1974	1289.4	187.7	296.3	30.5	3762.6	5566.4	2311.5	4302.5	0.2	6614.1	6047.6	1243.7	4.5	13910.0	19476.4	
1975	1109.1	239.3	272.5	34.1	3958.7	5613.7	2826.3	5705.3	0.0	8531.6	5951.7	1756.0	2.3	16241.7	21855.5	
1976	1998.5	251.1	325.3	30.2	3943.4	6548.6	4179.5	6098.4	0.0	10277.9	6648.1	3880.7	12.1	20818.8	27367.4	
1977	1390.7	210.5	260.0	7.8	2423.7	4292.7	4711.1	9391.4	1.6	14104.1	8237.4	2600.5	5.3	24947.3	29240.0	
1978	1752.3	192.6	317.0	8.1	2185.7	4455.7	5089.4	8293.2	0.0	13382.6	7467.8	1907.0	4.3	22761.7	27217.3	
1979	1504.7	206.8	383.5	82.5	1778.1	3955.5	7194.3	8027.7	0.0	15222.1	8311.0	888.8	0.3	24422.1	28377.6	
1980	1047.2	149.8	466.4	87.3	2179.6	3930.3	8031.4	6813.2	4.7	14849.2	8949.3	1738.5	0.0	25537.1	29467.4	
1981	649.5	101.8	193.7	85.2	1278.8	2309.1	7156.3	6096.0	0.0	13252.3	6945.6	1306.6	0.0	21504.4	23813.5	
1982	1224.5	439.4	303.6	137.7	195.9	2301.1	6837.4	7435.8	0.5	14273.8	8007.2	3633.1	10.1	25924.2	28225.3	
1983	1480.8	399.4	272.2	100.0	185.7	2438.0	10050.2	8033.3	0.0	18083.5	8794.0	7940.7	2.6	34820.9	37258.9	
1984	869.3	301.1	168.1	74.0	105.8	1518.3	11719.0	10509.6	0.2	22228.7	7201.2	5167.7	25.0	34622.7	36141.1	
1985	632.0	369.6	157.0	253.5	375.4	1787.6	9178.0	7101.5	3.0	16282.5	9691.0	5133.9	153.5	31260.9	33048.4	
1986	572.4	493.3	112.7	112.2	212.7	1503.2	9556.0	10894.0	1.5	20451.4	9399.1	5649.3	184.6	35684.5	37187.7	
1987	762.2	481.7	100.6	223.3	143.4	1711.3	13658.6	10027.8	5.5	23691.9	11651.2	2897.1	106.3	38346.5	40057.8	
1988	530.5	208.6	150.1	65.7	282.7	1237.7	11949.3	7428.4	3.6	19381.2	10341.7	2269.3	293.0	32285.1	33522.9	
1989	606.9	98.9	26.3	111.7	76.1	919.8	10253.0	3803.3	0.0	14056.3	8477.4	1974.6	182.2	24690.5	25610.3	
1990	675.3	81.6	26.3	98.6	115.7	997.5	12092.5	10620.9	0.2	22713.7	8566.1	1860.7	223.8	33364.4	34361.8	

TRENDS IN TEXAS COMMERCIAL FISHERY LANDINGS, 1972-1998

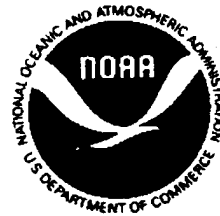
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ABSTRACT

This report summarizes annual commercial landings and ex-vessel value statistics of finfish and shellfish harvested from Texas bays and the Gulf of Mexico off Texas. Seafood dealers submitted monthly reports of purchases of shrimp, finfish, crabs, and oysters to either Texas Parks and Wildlife or National Marine Fisheries Service. These landings and value data for individual species groups were summarized by bay or Gulf area from which the product was taken by month landed. Total coastwide landings in 1998 were more than 94 million pounds with an ex-vessel value of over \$190 million.

Shrimp accounted for 82% of the weight and 88% of the ex-vessel value of all seafood landed in 1998. Shrimp landings for Texas were the highest since 1991 and the value was the highest since 1994. Bay shrimp landings decreased 17% from 1997 levels, whereas Gulf landings increased 12% from 1997 levels. Gulf landings were the highest since 1991. During 1998 blue crab, Eastern oyster, and finfish made up 7%, 4%, and 7% of total landings, respectively, and 2%, 4%, and 5% of the total ex-vessel value, respectively. Ex-vessel values for blue crab during 1998 were the highest reported since 1972. Total finfish landings in 1998 increased 9% from 1997. The ex-vessel value for snapper was the highest reported for the years covered by this report. Additionally, king mackerel landings and ex-vessel price increased 22% and 48%, respectively, over 1997 values.

INTRODUCTION

Gulland (1977) emphasized the importance to the fishery manager of knowing the landings of a marine resource. Landings data from both recreational and commercial fishermen are required to assess the needs for and the impacts of saltwater fishing regulations. Economic and sociologic information can also be inferred from landings data to allow for management based on the concept of optimum sustainable yield (Radovich 1975; Demory and Golden 1983; Prochaska and Cato 1983). Annual recreational fish landings in Texas have been estimated since 1974 based on on-site interviews at fishing access sites (Warren et al. 1994; TPW Unpublished Data).

Reports of commercial landings of marine species from Texas bays and the Gulf of Mexico (Gulf) off Texas (Figure 1) have been collected from seafood dealers since 1887 (Perret et al. 1980). These early data were collected sporadically until 1936 when annual surveys were initiated (Game, Fish and Oyster Commission 1937). Since 1936, Texas Parks and Wildlife (TPW) has monitored the landings and value of marine fishes, Eastern oysters (*Crassostrea virginica*), crabs and shrimp through a mandatory self-reporting system currently known as the Monthly Aquatic Products Report (MAPR) which is completed by seafood dealers (and bait dealers since September 1991). Since 1956, the National Marine Fisheries Service (NMFS) has collected landings data on shrimp through dealer reports and shrimp vessel crew interviews (Prytherch 1980), while TPW has continued to collect data on finfish, crabs and Eastern oysters. An informal data exchange between agencies permitted the compilation of total self-reported landings of marine species. Beginning 1 April 1985, TPW and NMFS instituted a formal cooperative agreement to collect and exchange commercial fisheries statistics.

From 1977 through 1981, additional landings information, including daily landings by species, was required of commercial finfish fishermen through Individual Sales Transaction (IST) forms. The use of the IST form was discontinued in March 1982 by the TPW Commission because the data were inaccurate and the reporting system was largely duplicative (Green and Thompson 1981).

This report summarizes the landings and ex-vessel value of seafood and bait purchased from commercial fishermen by seafood and bait dealers and reported to TPW, and landings and ex-vessel value data collected by NMFS, from 1972 through 1998.

MATERIALS AND METHODS

Licensed seafood and bait dealers are required to complete a MAPR (Figure 2) each month, listing the water body, total weight and price paid for each species purchased from commercial fishermen. A list of fishes commonly caught and reported by the commercial sector is shown in Table 1. The report from each dealer, detailing the preceding month's transactions, was due at TPW's Seabrook Marine Laboratory office on or before the 10th day of each month. The Division of Statistics-Market News, NMFS, collected shrimp and menhaden landings and

value data. Shrimp landings reported on MAPRs (except those reported as live and dead bait) were provided to NMFS and landings of shrimp, finfish and other seafood products gathered by NMFS were provided to TPW. Finfish landings collected by NMFS but not purchased or handled by Texas licensed seafood dealers are not included in this report. Commercial fishermen fishing in 1998 were subject to the fishing seasons listed in Table 2.

All MAPRs were checked for completeness by TPW personnel. If errors were identified, the submitting dealer was contacted to verify accuracy of the data. Except for Eastern oysters all seafood products not reported in live weight by dealers were converted to live weight (round weight) using conversion factors listed in Appendix A. Eastern oyster landings were converted to meat weight (Appendix A: Table A.3).

Landings of Eastern oysters from private leases were reported by leaseholders through MAPR's, monthly oyster harvest reports submitted to the Seabrook office of TPW and annual summary forms submitted to the Texas Department of Health, Austin. In case of discrepancies between monthly and annual summaries, the highest reported landings were used.

Gulf shrimp landed at Texas ports and reported to TPW by the Division of Statistics-Market News, NMFS, may include shrimp harvested from the waters of other states or from areas outside the territorial waters of the U.S. in addition to those from Texas waters. NMFS reports shrimp landings from statistical grid zones along the entire U.S. Gulf coast, including Texas, in their publication Gulf Coast Shrimp Data. Gulf shrimp landings in this report are pooled for all grid zones off Texas. Unless otherwise noted, shrimp landings reported do not include live or dead bait.

Ex-vessel price per pound were determined by taking the total value for each species and dividing by each corresponding total weight. Count sizes and weight classes were not considered.

Any difference in this report compared to previous reports is due to updating of the data base and the most recent report should be considered the most accurate. Except where noted, data are reported by calendar year.

RESULTS

During the twenty-seven years covered by this report (1972-98) 2.6 billion pounds of seafood products (over \$4.3 billion) were reported harvested from Texas bays and the Gulf of Mexico and landed in Texas (Tables 3-16). Total landings fluctuated irregularly whereas ex-vessel value generally increased through 1986 and fluctuated thereafter (Figure 3). Long term trends in landings and ex-vessel value of shrimp, crabs, Eastern oysters and finfish are presented in Figures 4, 5, 6 and 7.

During the last five years (1994-1998), brown shrimp (*Penaeus aztecus*), pink shrimp (*P. duorarum*), and white shrimp (*P. setiferus*), represented about 77% of the total coastwide bay and Gulf landings by weight and 87% of total ex-vessel value (Figure 8). Blue crabs (*Callinectes sapidus*), represented 7% of total landings and 2% of ex-vessel value. Eastern oysters represented 5% of total landings and ex-vessel value.

A comparison of landings among bay systems for 1994 through 1998, indicates that landings of white shrimp from the Galveston Bay system (55%) exceeded all other bay systems (Figure 9). Most brown and pink shrimp landings (74%) were from Galveston Bay, Matagorda Bay, and Aransas Bay. Blue crabs were landed predominately from the Galveston Bay (33%) and Sabine Lake (22%) systems. Eastern oysters were landed almost exclusively from Galveston Bay (87%). Most finfish (77%) were landed from Corpus Christi Bay, upper Laguna Madre, and lower Laguna Madre (Figure 10). A comparison of the distribution of finfish landings among Gulf grid zones during the same interval indicates that landings were greatest (59%) from grid zone 18 (Figure 10).

Finfish, collectively, represented 7% of total landings and 4% of ex-vessel value (Tables 3 and 4). Gulf landings constituted 63% of total landings and 77% of total ex-vessel value (Tables 11 and 12). Black drum (*Pogonias cromis*) landings in 1998 decreased 3%; whereas ex-vessel value increased 19% from 1997 levels (Tables 3 and 4). Flounder (*Paralichthys spp.*) landings and ex-vessel value increased 63% and 82%, respectively over 1997 landings (Tables 3 and 4). From the Gulf of Mexico, snapper landings decreased 16% over 1997 values yet ex-vessel values increased 2% over the same time period (Tables 3 and 4). King mackerel (*Scomberomorus cavalla*) landings and ex-value increased 22% and 48%, respectively over 1997 landings (Table 13 and 14).

During the last five years (1994-1998), mean price per pound paid to commercial fishermen for black drum and flounder has generally increased (Table 17). The mean ex-vessel price per pound for these species in 1998 are the highest reported during the twenty-seven year period covered by this report. Mean price per pound of snapper increased 21% over 1997 levels and is also the highest reported for the period covered in this report. The wide range of values and increase in price per pound reported for "other" finfish (Table 17) beginning in 1992 is due to a requirement that bait dealers begin reporting purchases of bait fish species to TPW.

Shrimp landings in Texas during 1998 were the highest reported since 1991 (Table 3). Brown and pink shrimp landings for 1998 (Table 3) increased 29% and ex-vessel values rose 2% from 1997 values (Table 4). Mean price per pound paid for brown and pink shrimp fell 21% over 1997 levels (Table 18). White shrimp landings increased 16% in 1998 (Table 3). Ex-vessel values rose 4% but mean price per pound for white shrimp fell 11% over 1997 averages (Tables 4 and 18).

Coastwide blue crab landings and ex-vessel values increased 22% and 24%, respectively from 1997 levels (Tables 3 and 4). The 1998 total ex-vessel value of crabs was the highest reported in the 27 years covered by this trends report (Table 4). Mean price per pound for crabs remained about the same as in 1997. Eastern oyster landings and ex-vessel values for 1998 fell

from 1997 levels 25% and 26%, respectively (Tables 3 and 4). Average price per pound of meats (Table 18) fell 2% over 1997 levels (Table 18).

Annual summaries of landings and ex-vessel value by bay system and Gulf grid zone are presented in Appendices B and C. Monthly summaries of 1998 landings and ex-vessel values for Texas bay systems and for Gulf grid zones off Texas are presented in Appendices D and E.

Annual weight and ex-vessel value of Gulf menhaden caught off Texas but landed commercially in Louisiana during 1977-1998 are presented in Appendix F. During this 22-year period, landings and ex-vessel value of menhaden have fluctuated substantially with no obvious trend. Menhaden landings and ex-vessel values during 1998 fell from 1997 levels 35% and 34%, respectively (Table F.1).

Volume of Eastern oysters transplanted annually to private oyster leases in Texas bays, and the weight and ex-vessel value of Eastern oysters harvested annually from leases from 1977 to 1998 are presented in Appendix G. Number of leases and total acreage leased have remained relatively constant since 1979, whereas total weight landed and ex-vessel value have fluctuated among years. Oyster landings and ex-vessel value from leases fell 58% and 61%, respectively from 1997 (Table G1). This reduction in landings was most likely the result of an outbreak of the bacterium *Vibrio parahaemolyticus* in Galveston Bay oysters which resulted in the closure of leases by the Texas Department of Health, Seafood Safety Division. Leases were closed to transplant and harvest from mid-June through mid-October of 1998.

Number of commercial licenses sold in Texas in each fiscal year (September-August) from 1956 to 1998 are presented in Appendix H. During the last five years (1994-1998), the number of retail fish dealer licenses has fluctuated (Table H.1.). However, during 1998, total retail fish dealer license sales remained about the same as 1997. Number of wholesale dealer licenses fell 4% from 1997, but this still represents the third highest level since 1956. Since 1995 bay shrimp boat licenses and bait shrimp boat licenses declined 19% and 18%, respectively (Table H.4.). This is due to the 1995 implementation of the Shrimp License Management Program for these fisheries. Through 1998, about 7% of the licenses in each of these fisheries were retired through a voluntary buy-back program (TPW unpublished data).

Annual and monthly bait shrimp summaries of 1998 landings and ex-vessel value by bay system and Gulf grid zone are presented in Appendices I and J. Shrimp landings and ex-vessel value of bait increased from 1994 to 1998. (Table I.1). Over 43% of the reported live bait shrimp and 68% of the dead bait shrimp were landed in the Galveston Bay system (Table I.6). This represents about 40% and 56%, respectively, of the total ex-vessel value reported for live and dead bait shrimp during 1998.

DISCUSSION

About 94.4 million pounds of seafood with an ex-vessel value of over \$190 million were reported for 1998. Total landings in 1998 increased 16% over 1997 values. Bait shrimp (live and dead) landings in 1998 were over 1.8 million pounds with an ex-vessel value of over \$3.8 million. Using an approximate expansion factor of three (Grubb 1973), the total economic impact of the commercial seafood and bait industry at the wholesale level (including live and dead bait shrimp) in Texas for 1998 was over \$582 million. This expansion does not include the value of the landings of menhaden caught in 1998 off Texas but landed in Louisiana (Table F.1.).

Brown shrimp is the single most valuable species in the commercial fishery. Although landings of brown shrimp are not reported separately from those of pink shrimp, Christmas and Etzold (1977) have estimated that brown shrimp constitute about 95% of the landings of these two species combined. The value of the bay fishery relies primarily on brown shrimp followed by white shrimp, Eastern oysters, blue crabs and finfish in order of decreasing value (Table 6).

Although dealer reports have been used to determine relative commercial seafood landings, several assumptions must be made. In particular, the amount of inaccurate or incomplete reporting is unknown and must be considered constant when making temporal or spatial comparisons. Different reporting requirements can affect the amount of non-reporting, and thus estimates of relative abundance based on reported landings (Green and Thompson 1981).

Deficiencies in reporting requirements and enforcement also affect the utility of commercial landings data. The 72nd Legislature enacted legislation, effective 1 September 1991, which increased the maximum penalty to \$500 and possible license forfeiture for failing to file a required report (Anonymous 1991). Present Texas law, however, does not require all commercial landings to be reported. Unlicensed consumers who purchase seafood products directly from commercial fishermen without the intent to resell the products are exempt from reporting. The effect of non-reporting for this sector will continue to be unknown until the program is further developed. Marine products harvested by licensed commercial fishermen and sold directly to a restaurant owner, operator or employee for consumption by the restaurant's patrons on the restaurant's premises are not reportable. Marine products harvested as bait and sold to a licensed bait or seafood dealer were not reportable until September 1991. However, comprehensive implementation of the bait program was not completed until 1994. Increases in reported landings in bait shrimp between 1991 and 1994 was due to incomplete reporting early on as dealers were being notified of the new requirement. Reporting compliance and accuracy has improved, due primarily to increased personal contacts by Coastal Fisheries Division personnel and improved law enforcement. Although the MAPR form provides a section for gear used, reporting is low, probably because it is not mandatory at this time. This limits the ability to provide estimates of commercial fishing effort by gear type for each species landed. These deficiencies will limit the use of these commercial data for some fisheries management purposes.

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Table 1. List of common and scientific names of species caught or landed in Texas.

Common name	Scientific name ^a
FINFISH	
Alligator gar	<i>Lepisosteus spatula</i>
Atlantic croaker	<i>Micropogonias undulatus</i>
Atlantic cutlassfish	<i>Trichiurus lepturus</i>
Atlantic moonfish	<i>Selene setapinnis</i>
Atlantic spadefish	<i>Chaetodipterus faber</i>
Black drum	<i>Pogonias cromis</i>
Bluefish	<i>Pomatomus saltatrix</i>
Blue runner	<i>Caranx crysos</i>
Cobia	<i>Rachycentron canadum</i>
Codfish	Family Gadidae
Crevalle jack	<i>Caranx hippos</i>
Cusk eel	Family Ophidiidae
Dolphin	<i>Coryphaena hippurus</i>
Flounder	
Gulf flounder	<i>Paralichthys albigutta</i>
Southern flounder	<i>Paralichthys lethostigma</i>
Florida pompano	<i>Trachinotus carolinus</i>
Gafftopsail catfish	<i>Bagre marinus</i>
Great barracuda	<i>Sphyaena barracuda</i>
Greater amberjack	<i>Seriola dumerili</i>
Grouper	
Black grouper	<i>Mycteroperca bonasi</i>
Jewfish	<i>Epinephelus itajara</i>
Nassau grouper	<i>Epinephelus striatus</i>
Scamp	<i>Mycteroperca phenax</i>
Warsaw grouper	<i>Epinephelus nigritus</i>
Yellowedge grouper	<i>Epinephelus flavolimbatus</i>
Yellowfin grouper	<i>Mycteroperca venenosa</i>
Yellowmouth grouper	<i>Mycteroperca interstitialis</i>
Gulf butterfish	<i>Peprilus burti</i>
Herrings	Family Clupeidae
Killifish	Family Cyprinodontidae
Kingfish	
Gulf kingfish	<i>Menticirrhus littoralis</i>
Southern kingfish	<i>Menticirrhus americanus</i>
Mackerel	
King mackerel	<i>Scomberomorus cavalla</i>
Spanish mackerel	<i>Scomberomorus maculatus</i>
Menhaden	<i>Brevoortia</i> sp.
Mullet	
Striped mullet	<i>Mugil cephalus</i>
White mullet	<i>Mugil curema</i>

Table 1. (Cont'd.)

Common name	Scientific name ^a
FINFISH (Continued)	
Oilfish	<i>Ruvettus pretiosus</i>
Pinfish	<i>Lagodon rhomboides</i>
Pigfish	<i>Orthopristis chrysoptera</i>
Porgies	Family Sparidae
Red drum	<i>Sciaenops ocellatus</i>
Seatrout	
Sand seatrout	<i>Cynoscion arenarius</i>
Silver seatrout	<i>Cynoscion nothus</i>
Spotted seatrout	<i>Cynoscion nebulosus</i>
Shark	
Atlantic sharpnose	<i>Rhizoprionodon terraenovae</i>
Blacktip	<i>Carcharhinus limbatus</i>
Bull	<i>Carcharhinus leucas</i>
Greater hammerhead	<i>Sphyrna mokarran</i>
Shortfin mako	<i>Isurus oxyrinchus</i>
Sheepshead	<i>Archosargus probatocephalus</i>
Snake eel	Family Ophichthidae
Snapper	
Lane snapper	<i>Lutjanus synagris</i>
Red snapper	<i>Lutjanus campechanus</i>
Vermillion snapper	<i>Rhomboplites aurorubens</i>
Yellowtail snapper	<i>Ocyurus chrysurus</i>
Snook	Family Centropomidae
Stingray	Family Dasyatidae
Swordfish	<i>Xiphias gladius</i>
Tilefish	<i>Lopholatilus chamaeleonticeps</i>
Triggerfish, gray	<i>Balistes capriscus</i>
Tuna	
Atlantic bonita	<i>Sarda sarda</i>
Blackfin	<i>Thunnus atlanticus</i>
Little	<i>Euthynnus alletteratus</i>
Yellowfin	<i>Thunnus albacares</i>
Wahoo	<i>Acanthocybium solanderi</i>

Table 1. (Cont'd.)

Common name	Scientific name ^a
SHELLFISH	
Atlantic bay scallop	<i>Argopecten irradians</i>
Atlantic rangia	<i>Rangia cuneata</i>
Crab	
Blue crab	<i>Callinectes sapidus</i>
Stone crab	<i>Menippe adina</i>
Oyster	
Eastern oyster	<i>Crassostrea virginica</i>
Lobster	
Shovelnose	Family Scyllaridae
Spiny	<i>Panulirus argus</i>
Shrimp	
Brown shrimp	<i>Penaeus aztecus</i>
White shrimp	<i>Penaeus setiferus</i>
Pink shrimp	<i>Penaeus duorarum</i>
Other shrimp	
Rock shrimp	<i>Sicyonia brevirostris</i>
Mantis shrimp	<i>Squilla empusa</i>
Royal red shrimp	<i>Hymenopenaeus robustus</i>
Seabob	<i>Xiphopeneus kroyeri</i>
Squid	
Brief squid	<i>Lolliguncula brevis</i>
Long-finned squid	<i>Loligo pealei</i>

^aScientific names taken from Robins et al. (1991), Christmas and Etzold (1977), Hofstetter (1977), Leary (1967), Rathjen (1973) and Turgeon et al., (1988).

Table 2. Summary of commercial fishing seasons in Texas marine waters during 1998.

Organism	Method	Location	Product	Season	Time ^a	Exceptions
Shrimp	Trawl	Bait and major bays	Bait ^b	All year	Day ^c	2:00 p.m. closure (1 April-15 August). Night trawling permitted in Laguna Madre only.
	Trawl	Major bays	All ^b	15 May-15 Jul 15 Aug-15 Dec	Day ^c	2:00 pm closure. None.
	Trawl	Major bays south of Colorado River	All ^b	01 Feb-15 Apr	Night ^d	None.
	Trawl	Gulf (>7 fathoms)	All ^b	All year	24 h	Trawling prohibited from 15 May to 15 Jul, inclusive. Season may be modified by Texas Parks and Wildlife Department.
	Trawl	Gulf (0-7 fathoms)	All ^b	All year	Day ^c	Trawling prohibited from 15 May to 15 Jul inclusive, and 16 Dec to 1 Feb, inclusive (except for seabobs).
Crabs	Trap, trawl, net, hook, and line	Bays ^e , Gulf ^f	All	All year	Day ^c	None.
Oysters	Dredge	Bays ^e	Market oysters	1 Nov-30 Apr	Day ^c	Seasons may be modified by Texas Department of Health and/or Texas Parks and Wildlife Department For the area South of the Port Mansfield Channel and all private leases with permits, there is no closed season.
Finfish	Perch trap, cast net, seine	Bays ^e , Gulf ^f	Bait	All year	24 h	None.

Table 2. (Cont'd).

Organism	Method	Location	Product	Season	Time ^a	Exceptions
Finfish (Continued)						
Trotline		Bays ^c	All ^b	All year	24 h	All gear must be removed from water between 1 p.m. Friday and 1 p.m. Sunday.
Purse seine		Gulf ^f	All ^b	Apr-Nov ^e	24 h	Legal in Gulf waters adjacent to all coastal counties, but prohibited within 1/2 mile of any shoreline or within 1 mile of any pass.

Restrictions and Definitions:

^aGear fishing time.

^bRed drum and spotted seatrout excluded.

^cDay is defined as the time between 30 min. before sunrise and 30 min. after sunset.

^dNight is defined as the time between 30 min. after sunset and 30 min before sunrise.

^ePermitted in designated portions of bays.

^fPermitted in Gulf waters with restrictions.

^gNetting permitted from third Monday in Apr through the first day in November.

Table 3. (Continued).

Year	Finfish						Shellfish						Grand Total		
	Black drum	Flounder	Sheeps-head	Snapper	Other	Total	Shrimp			Blue Eastern Crab	Oyster	Other		Total	
							Brown and Pink	White	Other						
1991	665.8	275.6	25.9	370.4	474.9	1812.6	70744.4	18478.9	1885.6	91108.9	6137.1	2988.2	358.1	100592.4	102405.0
1992	846.1	297.6	31.6	1059.2	1276.6	3511.1	49782.2	20788.7	6287.3	76858.3	6135.4	2705.7	140.9	85840.2	89351.3
1993	841.0	212.6	36.6	1472.0	1262.7	3824.9	46954.0	17106.4	9554.8	73615.3	8288.2	2964.4	41.5	84909.3	88734.2
1994	1822.8	211.0	39.5	1164.4	1348.8	4586.5	52023.7	15961.5	3007.3	70992.5	5154.4	4581.5	59.4	80787.8	85374.3
1995	2915.6	274.2	54.1	1244.1	1961.8	6449.9	51882.4	16166.0	2252.5	70300.9	5786.5	4670.6	145.0	80902.9	87352.8
1996	4253.0	218.2	103.2	1687.0	1616.3	7877.8	47491.1	21366.0	3591.8	72448.9	6311.4	5705.4	252.0	84717.8	92595.5
1997	2775.8	135.7	65.3	1930.6	1621.1	6528.4	40583.8	19013.3	5006.0	64603.0	5739.0	4579.1	118.7	75039.7	81568.2
1998	2690.6	221.0	117.2	1626.6	1616.7	6272.1	52167.2	22101.1	3352.9	77621.2	6989.1	3437.9	157.0	88205.3	94477.3

Table 3. Texas commercial finfish and shellfish landings (lb x 1000), 1972 -1998.

Year	Finfish										Shellfish					Grand Total
	Black drum	Flounder	Sheeps-head	Snapper	Other	Total	Shrimp			Blue Eastern Crab	Oyster	Other	Total			
							Brown and Pink	White	Other							
1972	1164.9	453.8	237.4	1238.0	3661.9	6756.0	79909.1	18218.3	13.2	98140.6	6464.4	3917.2	5.4	108527.5	115283.5	
1973	1207.9	341.9	269.4	781.4	4672.4	7273.1	60142.0	22953.1	1025.0	84120.1	6881.1	1927.2	5.4	92933.8	100206.9	
1974	1356.8	507.1	369.8	742.9	4985.3	7962.0	58983.5	17785.5	1437.3	78206.3	6087.6	1243.7	14.9	85552.6	93514.6	
1975	1171.6	492.6	318.8	627.4	5017.2	7627.6	55142.8	14619.9	746.1	70508.8	5991.5	1756.0	6.5	78262.9	85890.5	
1976	2090.6	434.5	379.0	495.1	4699.4	8098.6	58550.8	15492.3	363.3	74406.3	6668.4	3880.7	20.3	84975.7	93074.3	
1977	1453.5	310.9	293.9	440.0	2795.7	5294.1	71897.5	19420.2	260.3	91578.0	8248.6	2600.5	13.8	102440.9	107734.9	
1978	1785.5	237.1	327.9	388.3	2447.7	5186.4	62329.7	21464.7	332.3	84126.7	7469.6	1907.0	15.5	93518.8	98705.2	
1979	1531.4	232.4	406.1	214.7	2163.7	4548.3	50459.3	16474.2	719.2	67652.7	8311.5	888.8	0.9	76853.9	81402.2	
1980	1058.4	194.9	473.5	231.6	2392.6	4351.1	58332.0	14235.3	1330.3	73897.6	8953.0	1738.5	0.0	84589.0	88940.1	
1981	663.8	130.4	202.9	165.9	1513.5	2676.5	78494.0	16160.5	1075.7	95730.2	6952.0	1306.6	0.0	103988.8	106665.3	
1982	1249.0	535.9	322.4	369.6	524.1	3000.9	51386.4	18288.1	1211.1	70885.6	8009.9	3633.1	13.4	82542.0	85543.0	
1983	1492.8	474.3	275.9	261.9	425.6	2930.5	50707.3	20369.5	916.9	71993.6	8829.1	7940.7	7.8	88771.3	91701.9	
1984	900.2	380.1	179.2	452.2	367.1	2278.8	62051.7	27952.1	232.5	90236.3	7228.6	5167.7	46.0	102678.6	104957.4	
1985	643.9	443.5	183.2	663.5	1258.8	3192.9	57432.1	24202.3	606.1	82240.5	9722.0	5133.9	171.7	97268.1	100461.0	
1986	588.0	560.3	131.2	917.7	1102.6	3299.8	67782.6	27478.2	1743.2	97004.0	9481.9	5649.3	199.5	112334.7	115634.5	
1987	858.7	551.3	132.9	701.5	1147.5	3391.8	68726.4	19652.9	5123.6	93502.9	11688.5	2897.1	122.7	108211.1	111602.9	
1988	739.1	273.8	168.1	806.8	1879.0	3866.8	58874.5	16510.3	4670.6	80055.3	10428.2	2269.6	309.1	93062.2	96929.0	
1989	610.9	154.2	42.0	589.1	1069.8	2466.0	62453.9	10850.3	3807.6	77111.8	9066.2	1979.9	202.0	88360.0	90826.0	
1990	688.0	144.0	28.4	549.8	728.0	2138.2	65245.3	19489.2	2376.9	87111.3	8598.7	1895.0	235.9	97840.9	99979.1	

Table 4. Texas commercial finfish and shellfish ex-vessel value (\$ x 1000), 1972 -1998.
Shellfish

Year	Finfish										Shrimp				Grand Total	
	Black drum	Flounder	Sheeps-head	Snapper	Other	Total	Brown and Pink			Other	Total	Blue Eastern Crab	Oyster	Other		Total
							Brown	Pink	White							
1972	135.4	119.7	19.6	572.0	881.7	1728.5	65049.4	15619.6	1.1	80670.1	652.6	2486.6	0.8	83810.1	85538.6	
1973	154.3	105.3	24.5	401.5	1270.2	1955.8	65002.0	22864.2	272.3	88138.5	830.4	1812.6	0.8	90782.3	92738.1	
1974	221.4	149.0	26.5	415.8	1348.9	2161.5	51370.6	16031.9	341.8	67744.3	832.4	1115.8	2.7	69695.1	71856.7	
1975	207.7	176.0	27.2	393.4	1611.3	2415.8	71180.3	16132.4	151.7	87464.4	947.7	1392.0	1.4	89805.6	92221.3	
1976	508.8	179.8	41.3	353.1	1808.1	2891.1	95881.2	23440.5	67.7	119389.4	1179.3	3200.2	4.6	123773.5	126664.6	
1977	399.8	170.8	28.8	420.9	1318.8	2339.0	100815.9	24627.2	235.2	125678.2	1946.7	2991.7	4.1	130620.8	132959.9	
1978	607.5	173.1	39.2	403.5	1447.5	2670.9	101798.7	38837.6	344.6	140980.8	2003.8	2205.6	4.4	145194.7	147865.6	
1979	602.3	190.0	55.7	261.5	1538.6	2648.3	117237.2	34687.5	381.0	152305.8	2146.0	1048.7	0.2	155500.7	158149.0	
1980	539.7	153.7	66.5	351.3	2044.5	3155.6	113972.9	25637.8	433.2	140043.8	2455.8	2692.3	0.0	145192.0	148347.7	
1981	378.1	138.2	42.0	267.8	1487.4	2313.5	133226.9	31774.9	317.9	165319.8	1928.5	2028.5	0.0	169276.8	171590.3	
1982	782.5	521.4	79.6	669.2	136.8	2189.5	131658.5	43724.9	504.4	175887.7	2375.1	5313.7	5.0	183581.5	185771.0	
1983	971.0	445.6	65.9	383.5	118.5	1984.5	125430.4	45682.8	330.7	171443.8	3250.2	11336.7	3.3	186034.0	188018.5	
1984	449.3	351.0	36.8	818.3	119.5	1774.9	125724.7	53607.1	198.5	179530.2	2252.4	8308.7	22.9	190114.3	191889.2	
1985	427.3	445.2	41.1	1242.4	555.8	2711.9	113421.2	47796.6	164.9	161382.7	3309.7	8754.8	127.7	173574.9	176286.8	
1986	411.2	540.2	35.6	1711.2	901.3	3599.5	167301.9	60882.5	925.6	229110.1	3170.5	10486.8	106.8	242874.3	246473.7	
1987	598.0	538.8	37.8	1313.9	1122.2	3610.7	144691.3	37611.8	3647.3	185950.5	4473.9	6891.4	57.6	197373.4	200984.1	
1988	565.7	337.5	47.6	1563.1	2034.6	4548.6	130497.7	33872.1	2546.4	166916.2	4325.8	5669.6	154.4	177066.1	181614.7	
1989	474.6	187.1	12.6	1185.6	1168.5	3028.3	119761.7	22325.7	2018.2	144105.6	3946.3	4903.9	132.0	153087.8	156116.1	
1990	610.6	181.0	9.7	989.1	676.5	2466.9	124811.6	40470.7	1080.5	166362.8	3305.2	5847.9	147.9	175663.9	178130.8	

Table 4. (Continued).

Year	Finfish					Shellfish					Grand Total				
	Black drum	Flounder	Sheeps-head	Snapper	Other	Total	Shrimp			Blue Crab		Eastern Oyster	Other	Total	
							Brown and Pink	White	Other						
1991	512.4	319.2	8.0	687.8	560.8	2088.2	145594.8	41227.8	837.1	187659.7	2276.8	7223.3	207.1	197366.8	199455.1
1992	670.1	377.8	13.3	1781.4	1655.6	4498.3	104533.2	42330.8	2784.6	149648.5	2775.1	5085.9	84.2	157593.7	162092.0
1993	651.2	328.3	14.7	2729.9	1604.4	5328.6	94909.8	32992.6	3097.0	130999.4	3960.7	4624.0	26.1	139610.2	144938.8
1994	1452.1	356.1	16.7	2301.0	1673.2	5799.3	135047.4	44106.5	1574.6	180728.6	3056.6	7798.5	40.4	191624.1	197423.3
1995	2506.6	483.9	25.8	2424.2	2576.4	8016.8	119216.3	40300.2	1537.0	161053.4	4062.0	8788.0	108.1	174011.4	182028.2
1996	3868.8	407.6	42.9	3178.1	2109.0	9606.4	108525.7	51667.3	2373.2	162566.1	4211.6	12589.7	174.8	179542.3	189148.7
1997	2362.9	236.8	31.9	3296.2	2378.4	8306.3	109542.4	53056.7	2862.7	165461.8	3670.7	11200.2	89.3	180422.0	188728.4
1998	2816.2	429.9	49.9	3361.4	2368.2	9025.6	111488.5	54967.7	1954.6	168410.8	4549.8	8282.5	133.2	181376.3	190401.9

Table 5. (Continued).

Year	Finfish					Shellfish					Grand Total				
	Black drum	Flounder	Sheeps-head	Mullet	Other	Total	Shrimp			Blue Eastern Crab		Oyster	Other	Total	
							Brown and Pink	White	Other						
1991	663.6	233.0	24.3	46.9	51.0	1018.8	14095.9	7824.1	0.3	21920.3	6125.9	2988.2	351.6	31386.1	32404.9
1992	811.3	252.2	30.9	25.5	166.9	1286.8	9248.2	10399.5	9.6	19657.3	6128.0	2705.7	128.3	28619.2	29906.1
1993	827.2	188.2	35.7	108.0	80.2	1239.3	10381.5	8115.6	0.4	18497.5	8283.9	2926.9	36.2	29744.4	30983.7
1994	1768.2	192.5	38.6	45.6	140.5	2185.3	13952.7	6979.4	0.9	20933.0	5112.6	4581.5	54.3	30681.3	32866.7
1995	2786.5	237.9	52.7	52.0	226.7	3355.9	11731.4	6252.8	0.1	17984.3	5782.7	4670.6	137.2	28574.7	31930.6
1996	4193.8	203.7	102.4	74.8	157.4	4732.1	9334.1	7154.1	0.0	16488.2	6270.5	5586.2	247.1	28591.9	33324.0
1997	2775.4	131.3	62.4	99.2	122.0	3190.3	11756.5	7810.4	24.0	19590.9	5713.4	4579.1	113.3	29996.7	33187.0
1998	2674.7	215.7	116.8	84.2	143.1	3234.6	10001.6	6274.7	6.6	16282.9	6982.5	3437.9	147.8	26851.2	30085.7

Table 6. (Continued).

Year	Finfish										Shellfish						Grand Total
	Black drum	Flounder	Sheeps-head	Mullet	Other	Total	Shrimp			Brown and Pink	Total	Blue Crab	Eastern Oyster	Other	Total		
							White	Other	Total								
1991	510.4	267.3	7.4	13.6	31.2	829.9	13833.7	13203.4	0.2	27037.4	2272.1	7223.3	204.6	36737.4	37567.2		
1992	647.1	327.2	13.0	12.3	90.7	1090.3	9244.6	16433.1	2.4	25680.2	2771.2	5085.9	77.7	33615.0	34705.2		
1993	639.6	297.7	14.4	27.4	72.3	1051.4	8818.1	10993.9	0.1	19812.1	3958.5	4557.5	23.1	28351.3	29402.6		
1994	1414.6	332.0	16.2	33.9	162.4	1959.0	17777.7	14906.3	0.2	32684.2	3021.1	7798.5	37.5	43541.2	45500.2		
1995	2397.4	419.8	25.1	47.1	305.4	3194.8	11961.0	9610.0	0.0	21571.1	4058.9	8788.0	103.9	34521.8	37716.6		
1996	3823.4	385.6	42.5	50.2	226.0	4527.7	9477.4	13106.9	0.0	22584.2	4186.9	12262.6	171.5	39205.2	43732.9		
1997	2362.6	231.0	27.5	73.5	289.3	2984.0	16043.1	15726.0	10.7	31779.8	3656.0	11200.2	86.4	46722.5	49706.5		
1998	2802.8	420.4	49.7	53.9	377.3	3704.1	9106.0	9052.5	5.1	18163.6	4546.3	8282.5	129.6	31122.0	34826.1		

Table 6. Ex-vessel value (\$ x 1000) of each species landed commercially from Texas bay systems, 1972 -1998.

Year	Finfish										Shellfish					Grand Total
	Black drum	Flounder	Sheeps-head	Mullet	Other	Total	Brown and Pink			Total	Blue Crab	Eastern Oyster	Other	Total		
							White	Other	Total							
1972	129.9	36.4	11.5	3.6	751.4	932.8	537.7	4587.6	0.0	5125.3	651.5	2486.6	0.4	8263.7	9196.5	
1973	146.0	32.8	17.8	5.6	974.7	1176.9	1852.5	7457.4	0.0	9309.9	808.1	1812.6	0.5	11931.0	13107.9	
1974	213.3	61.8	19.0	2.0	1145.5	1441.5	606.3	3346.9	0.0	3953.3	828.9	1115.8	0.9	5898.9	7340.4	
1975	200.9	95.5	22.0	3.5	1396.1	1717.9	852.1	4329.7	0.0	5181.8	943.1	1392.0	0.6	7517.5	9235.4	
1976	492.9	113.5	33.9	3.7	1621.0	2264.9	1650.2	6304.2	0.0	7954.4	1176.7	3200.2	2.7	12334.0	14599.0	
1977	387.8	121.6	23.3	1.6	1189.6	1723.9	2823.7	8270.3	0.3	11094.4	1944.5	2991.7	1.8	16032.4	17756.2	
1978	600.7	149.1	37.6	0.9	1369.2	2157.5	1917.8	10693.1	0.0	12610.9	2003.5	2205.6	1.2	16821.3	18978.8	
1979	593.5	173.6	51.9	7.7	1375.1	2201.8	6095.0	11111.8	0.0	17206.9	2145.9	1048.7	0.1	20401.5	22603.3	
1980	536.7	122.5	65.1	6.3	1958.4	2689.0	6830.8	10067.5	1.4	16899.7	2455.0	2692.3	0.0	22047.0	24736.0	
1981	373.5	117.6	40.3	5.8	1396.0	1933.2	4157.5	7233.7	0.0	11391.2	1926.8	2028.5	0.0	15346.5	17279.7	
1982	773.5	439.0	74.7	14.5	39.5	1341.2	5621.2	12924.0	0.2	18545.4	2374.3	5313.7	4.0	26237.3	27578.5	
1983	965.4	394.4	65.1	11.1	44.5	1480.4	12022.0	12608.7	0.0	24630.7	3239.6	11336.7	1.3	39208.3	40688.7	
1984	440.0	295.4	34.3	8.3	23.6	801.6	8964.2	13311.6	0.3	22276.1	2245.5	8308.7	13.3	32843.5	33645.2	
1985	421.1	382.5	36.2	25.5	58.4	923.8	5885.6	9435.8	0.8	15322.2	3301.1	8754.8	117.8	27496.0	28419.8	
1986	402.3	485.5	30.0	12.5	55.2	985.5	9090.5	16213.3	0.9	25304.8	3138.1	10486.8	100.0	39029.7	40015.2	
1987	532.3	477.4	27.3	20.8	36.6	1094.5	13721.2	13546.3	3.3	27270.8	4461.3	6891.4	50.6	38674.1	39768.6	
1988	444.2	278.0	41.5	10.9	129.1	903.7	11366.2	10649.4	1.8	22017.4	4293.2	5669.2	147.0	32126.7	33030.4	
1989	470.7	126.4	9.0	17.8	20.7	644.6	8236.8	4794.0	0.0	13030.9	3666.4	4892.0	126.8	21716.0	22360.6	
1990	602.4	114.0	9.1	22.1	53.3	800.9	10080.7	19450.1	0.5	29531.2	3287.8	5777.3	142.1	38738.4	39539.3	

Table 7. Weight (lb x 1000) of "other" finfish species landed commercially from Texas bay systems, 1972 -1998.

Species	Year												
	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Atlantic croaker	35.7	92.6	76.6	83.3	104.4	30.0	19.8	16.4	13.6	2.2	60.4	19.5	1.8
Atlantic spadefish	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
Florida pompano	3.9	1.8	7.8	5.1	2.4	0.4	0.5	2.1	0.4	0.2	0.2	5.1	2.0
Gafftopsail catfish	22.6	55.1	63.4	67.8	70.1	60.8	50.4	39.0	45.3	6.9	15.7	37.5	22.1
Kingfish, unclassified	15.7	19.3	7.7	19.2	33.0	6.6	4.8	7.9	6.2	2.7	47.9	8.7	2.2
Mackerel, Spanish	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Red drum	1370.0	1515.3	1781.0	2026.1	1950.6	899.8	853.5	677.0	1106.4	604.4	0.0	0.0	0.0
Seatrout, sand	19.5	5.8	1.0	9.4	43.8	6.5	6.4	9.8	3.5	16.2	3.6	1.2	3.6
Seatrout, spotted	1237.5	1437.7	1711.3	1563.8	1564.5	1235.0	1118.6	899.3	928.3	617.2	0.0	0.0	0.0
Shark, unclassified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Unclassified food	48.9	45.2	42.3	51.8	43.4	44.1	80.0	81.9	31.0	19.3	23.2	42.2	19.0
Unclassified scrap	86.7	95.4	71.6	132.1	131.2	140.5	51.6	44.8	44.8	9.7	45.1	71.5	54.4
Total	2840.3	3268.2	3762.6	3958.7	3943.4	2423.7	2185.7	1778.1	2179.6	1278.8	195.9	185.7	105.8

Table 7. (Continued).

Species	Year												
	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
Alligator gar	0.0	0.0	3.0	6.8	4.6	43.3	1.1	0.0	1.7	0.0	2.0	2.2	0.2
Atlantic croaker	35.8	36.6	41.7	14.1	6.6	0.5	1.6	14.2	5.9	9.6	19.3	20.2	28.8
Atlantic cutlassfish	0.0	0.0	3.9	0.0	0.0	7.7	15.4	18.0	25.9	45.0	56.7	19.1	28.5
Atlantic moonfish	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Atlantic spadefish	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bluefish	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dolphin	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
Eels, cusk	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Florida pompano	2.7	13.5	2.4	3.5	0.3	0.1	0.5	0.0	0.0	0.0	0.0	0.1	0.1
Gafftopsail catfish	27.2	17.5	7.6	8.0	1.2	7.2	5.3	11.2	7.8	0.3	1.0	0.2	0.0
Gar, unclassified	0.0	0.0	0.0	0.0	0.0	0.0	1.2	45.1	12.4	1.9	10.9	44.9	5.0
Greater amberjack	0.0	0.0	0.0	0.4	1.1	0.0	0.1	0.0	1.1	0.0	0.0	0.0	0.0
Gulf butterfish	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Herring, unclassified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	58.7	6.2	23.2	20.9	16.9	21.8
KILLIFISH, UNCLASSIFIED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	2.2	3.7	8.3	7.3	5.6
Kingfish, Southern	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
Kingfish, unclassified	6.2	4.0	3.8	2.3	8.6	14.9	3.4	10.2	1.0	0.6	0.2	0.9	1.5
Mackerel, Spanish	1.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mackerel, king	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	0.0	0.0	0.0
Pigfish	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pinfish	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Seatrout, sand	2.6	4.6	1.2	0.5	0.2	0.8	1.4	0.3	0.1	0.5	0.3	0.1	0.3
Seatrout, silver	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Shark, blacktip	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Shark, unclassified	0.6	0.1	1.7	5.8	0.4	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0
Snake eel, unclassified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.1	0.0
Stingrays	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Triggerfish, gray	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tuna, unclassified	0.0	0.0	0.0	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0
Unclassified food	48.3	32.5	15.0	32.5	12.8	10.5	15.0	1.0	8.7	12.0	7.7	6.7	10.0
Unclassified scrap	250.9	103.2	63.1	207.4	40.0	30.3	3.9	6.7	7.3	40.2	98.7	38.7	20.3
Total	375.4	212.7	143.4	282.7	76.1	115.7	51.0	166.9	80.2	140.5	226.7	157.4	122.0

Table 8. Ex-vessel value (\$ x 1000) of "other" finfish species landed commercially from Texas bay systems, 1972 -1998.

Species	Year												
	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Atlantic croaker	2.2	6.7	5.5	7.8	10.1	3.3	2.2	2.7	1.8	0.5	10.6	4.2	0.5
Atlantic spadefish	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
Florida pompano	1.7	0.8	3.5	2.5	1.2	0.2	0.5	2.6	0.6	0.3	0.4	2.4	1.0
Gafftopsail catfish	2.2	6.9	5.7	8.6	10.7	9.7	12.2	8.6	10.3	1.6	4.2	7.8	5.3
Kingfish, unclassified	1.5	2.0	0.8	2.7	5.1	1.2	0.8	1.8	1.1	0.7	10.6	2.1	0.6
Mackerel, Spanish	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Red drum	383.0	485.7	569.0	760.6	856.4	483.9	588.3	564.1	1016.5	683.9	0.0	0.0	0.0
Seatrout, sand	2.8	0.7	0.1	1.7	18.2	3.6	3.9	6.6	1.4	2.5	1.2	0.6	2.1
Seatrout, spotted	351.3	464.2	553.6	598.9	704.7	660.2	739.7	770.4	911.1	699.9	0.0	0.0	0.0
Shark, unclassified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Unclassified food	3.5	3.1	3.6	5.1	5.1	8.5	15.5	14.4	10.1	5.2	7.6	16.5	6.2
Unclassified scrap	3.2	4.8	3.6	8.3	9.5	18.9	6.0	4.0	5.5	1.3	5.0	10.8	7.6
Total	751.4	974.7	1145.5	1396.1	1621.0	1189.6	1369.2	1375.1	1958.4	1396.0	39.5	44.5	23.6

Table 8. (Continued).

Species	Year												
	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
Alligator gar	0.0	0.0	2.6	6.1	3.9	27.7	0.8	0.0	1.7	0.0	1.9	1.0	0.1
Atlantic croaker	6.6	8.4	13.1	3.4	1.8	0.2	0.5	6.0	1.7	40.0	81.1	68.0	151.4
Atlantic cutlassfish	0.0	0.0	0.3	0.0	0.0	6.7	11.5	13.7	26.1	38.1	55.3	16.8	23.0
Atlantic moonfish	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Atlantic spadefish	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bluefish	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dolphin	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eels, cusk	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Florida pompano	2.6	12.6	2.4	3.3	0.2	0.1	0.8	0.0	0.0	0.0	0.0	0.2	0.1
Gafftopsail catfish	6.8	4.9	2.1	2.6	0.5	3.0	1.4	3.4	1.4	0.1	0.4	0.1	0.0
Gar, unclassified	0.0	0.0	0.0	0.0	0.0	0.0	0.5	31.3	8.2	1.7	11.9	35.0	4.9
Greater amberjack	0.0	0.0	0.0	0.2	1.1	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0
Gulf butterfish	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Herring, unclassified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.1	2.4	11.7	15.0	11.9	15.8
KILLIFISH, UNCLASSIFIED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.6	22.4	40.1	87.5	72.7	67.4
Kingfish, Southern	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Kingfish, unclassified	1.8	1.5	1.5	0.9	3.3	6.5	1.0	3.1	0.3	0.2	0.1	0.4	0.7
Mackerel, Spanish	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mackerel, king	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0
Pigfish	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pinfish	0.0	0.0	0.0	0.0	0.0	0.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0
Seatrout, sand	0.9	1.6	0.5	0.2	0.1	0.5	0.9	0.1	0.0	0.2	0.2	0.0	0.1
Seatrout, silver	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Shark, blacktip	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Shark, unclassified	0.3	0.0	0.6	2.4	0.1	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
Snake eel, unclassified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.1	0.1
Stingrays	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Triggerfish, gray	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tuna, unclassified	0.0	0.0	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0
Unclassified food	20.3	10.9	5.5	35.6	4.9	3.8	8.4	0.3	1.7	3.5	2.2	3.3	3.3
Unclassified scrap	18.4	15.1	8.0	73.9	4.6	4.4	1.8	3.0	4.7	23.7	49.1	16.2	22.3
Total	58.4	55.2	36.6	129.1	20.7	53.3	31.2	90.7	72.3	162.4	305.4	226.0	289.3

Table 11. Weight (lb x 1000) of each species landed commercially from the Gulf of Mexico, 1972 -1998.

Year	Finfish										Shellfish					Grand Total	
	Black drum	Flounder	Sheeps-head	Mullet	Cobia	Grouper	Snapper	Other	Total	Shrimp							
										Brown and Pink	White	Other	Total	Blue crab	Other		Total
1972	45.1	331.9	81.5	18.1	22.7	97.5	1238.0	565.9	2400.8	78052.6	11851.5	13.2	89917.2	14.4	2.7	89934.3	92335.1
1973	64.7	249.2	62.9	52.3	16.0	100.3	781.4	1032.2	2359.1	55661.5	13123.0	1025.0	69809.5	168.0	2.5	69980.0	72339.1
1974	67.4	319.4	73.6	82.7	20.0	85.0	742.9	895.1	2286.1	56672.0	13482.9	1437.2	71592.2	40.0	10.5	71642.6	73928.7
1975	62.5	253.3	46.3	11.9	27.0	71.5	627.4	913.9	2013.9	52316.5	8914.6	746.1	61977.2	39.7	4.2	62021.1	64035.0
1976	92.0	183.4	53.7	21.6	26.8	71.7	495.1	605.7	1550.0	54371.3	9393.8	363.3	64128.4	20.3	8.2	64156.9	65706.9
1977	62.8	100.5	33.9	0.9	20.0	22.0	440.0	321.3	1001.4	67186.4	10028.8	258.7	77473.9	11.2	8.5	77493.6	78494.9
1978	33.2	44.5	10.9	28.3	13.7	39.9	388.3	172.0	730.7	57240.3	13171.5	332.3	70744.1	1.8	11.2	70757.1	71487.8
1979	26.7	25.7	22.6	28.8	7.7	14.3	214.7	252.3	592.8	43265.0	8446.5	719.2	52430.7	0.5	0.6	52431.8	53024.6
1980	11.2	45.1	7.1	4.4	2.2	23.1	231.6	96.0	420.8	50300.6	7422.2	1325.6	59048.3	3.6	0.0	59051.9	59472.7
1981	14.3	28.7	9.2	10.3	13.7	29.8	165.9	95.5	367.4	71337.8	10064.5	1075.7	82477.9	6.4	0.0	82484.3	82851.7
1982	24.5	96.5	18.8	3.2	24.1	64.8	369.6	98.4	699.9	44549.0	10852.3	1210.6	56611.8	2.7	3.3	56617.8	57317.7
1983	12.0	75.0	3.7	20.4	17.2	34.8	261.9	67.6	492.5	40657.1	12336.2	916.9	53910.1	35.1	5.2	53950.4	54442.9
1984	30.9	79.0	11.2	9.8	12.7	33.1	452.2	131.7	760.5	50332.7	17437.8	232.4	68002.9	27.3	20.9	68051.2	68811.7
1985	11.9	73.9	26.1	42.7	6.0	250.1	663.5	331.0	1405.3	48254.1	17100.7	603.2	65958.0	31.0	18.2	66007.2	67412.6
1986	15.6	67.1	18.6	3.8	11.3	224.3	917.7	538.2	1796.5	58226.5	16575.7	1741.7	76544.0	82.9	14.8	76641.7	78438.2
1987	96.4	69.6	32.3	0.7	8.1	345.1	701.5	426.7	1680.5	55067.8	9623.6	5118.1	69809.5	37.3	16.3	69863.1	71543.6
1988	209	65.2	18.0	1.2	6.5	469.8	806.8	1053.2	2629.1	46914.5	9081.5	4667.0	60663.0	86.5	16.2	60765.6	63395.0
1989	4.1	55.3	15.7	25.7	13.0	305.6	589.1	537.7	1546.2	52200.9	7047.0	3807.6	63055.5	588.8	19.8	63664.2	65215.7
1990	12.7	62.4	2.1	0.2	11.6	153.2	549.8	348.7	1140.8	53152.7	8868.2	2376.7	64397.6	32.5	12.1	64442.2	65617.3

Table 11. (Continued).

Year	Finfish										Shellfish					Grand Total	
	Black drum	Flounder	Sheeps-head	Mullet	Cobia	Grouper	Snapper	Other	Total	Shrimp							
										Brown and Pink	White	Other	Total	Blue crab	Other		Total
1991	2.2	42.5	1.6	19.2	8.7	126.8	370.4	212.0	783.4	56648.5	10654.8	1885.3	69188.6	11.2	6.5	69206.3	69989.8
1992	34.9	45.4	0.7	12.2	7.1	145.5	1059.2	860.9	2165.8	40534.0	10389.2	6277.8	57201.0	7.4	12.6	57221.0	59386.8
1993	13.8	24.3	0.9	22.3	10.0	196.7	1472.0	760.7	2500.8	36572.6	8990.8	9554.4	55117.8	2.5	5.3	55125.6	57663.9
1994	54.2	18.5	1.0	1.3	6.5	175.0	1164.4	831.1	2251.9	38071.0	8982.1	3006.4	50059.5	41.5	5.1	50106.2	52358.1
1995	127	36.2	1.4	1.0	6.1	199.8	1244.1	1400.0	3015.4	40151.0	9913.2	2252.4	52316.6	3.5	7.9	52328.0	55343.4
1996	58.9	14.5	0.8	1.3	9.0	82.1	1687.0	1154.8	3008.5	38157.0	14211.9	3591.8	55960.7	40.1	5.0	56005.7	59014.2
1997	0.0	4.4	2.9	0.6	6.4	89.5	1930.6	1259.8	3294.2	28827.3	11202.9	4981.9	45012.1	25.3	5.4	45042.8	48337.0
1998	15.8	5.3	0.4	1.9	12.6	164.9	1626.6	1066.3	2893.9	42165.6	15826.5	3346.3	61338.3	6.7	9.2	61354.1	64248.0

Table 12. Ex-vessel value (\$ x 1000) of each species landed commercially from the Gulf of Mexico, 1972 -1998.

Year	Finfish										Shellfish					Grand Total	
	Black drum	Flounder	Sheeps-head	Mullet	Cobia	Grouper	Snapper	Other	Shrimp			Total	Blue crab	Other	Total		
									Brown and Pink	White	Other						
1972	5.5	83.3	8.2	0.9	2.6	10.7	572.0	110.4	793.6	64511.8	11032.0	1.1	75544.9	1.1	0.4	75546.4	76339.9
1973	8.3	72.5	6.7	2.9	2.4	14.5	401.5	262.5	771.4	63149.6	15406.8	272.3	78828.7	22.4	0.3	78851.3	79622.7
1974	8.1	87.3	7.5	4.9	3.0	10.9	415.8	174.2	711.7	50764.3	12685.0	341.7	63791.0	3.5	1.7	63796.2	64508.0
1975	6.9	80.5	5.3	1.0	5.0	11.2	393.4	194.5	697.8	70328.2	11802.7	151.7	82282.6	4.6	0.9	82288.1	82985.9
1976	15.9	66.3	7.4	1.7	5.0	14.4	353.1	162.4	626.2	94231.1	17136.3	67.7	111435.0	2.6	1.9	111439.5	112065.7
1977	12.0	49.2	5.5	0.2	4.7	5.2	420.9	117.6	615.2	97992.2	16356.9	234.9	114583.9	2.2	2.4	114588.5	115203.6
1978	6.8	24.0	1.6	2.5	4.4	9.8	403.5	60.7	513.4	99880.9	28144.5	344.6	128369.9	0.3	3.2	128373.4	128886.7
1979	8.8	16.5	3.8	2.4	2.8	6.7	261.5	143.9	446.5	111142.2	23575.6	381.0	135098.9	0.2	0.2	135099.2	135545.7
1980	3.0	31.2	1.4	0.7	1.1	9.7	351.3	68.2	466.6	107142.1	15570.3	431.8	123144.2	0.8	0.0	123145.0	123611.6
1981	4.6	20.6	1.7	1.3	7.3	14.2	267.8	62.8	380.3	129069.4	24541.3	317.9	153928.6	1.7	0.0	153930.3	154310.6
1982	9.0	82.4	4.9	0.5	13.1	42.7	669.2	26.5	848.4	126037.3	30800.9	504.2	157342.4	0.8	1.0	157344.1	158192.5
1983	5.6	51.2	0.9	3.3	10.2	31.9	383.5	17.5	504.1	113408.4	33074.0	330.7	146813.1	10.6	2.0	146825.7	147329.8
1984	9.3	55.6	2.5	1.4	8.7	27.5	818.3	50.0	973.3	116760.5	40281.4	198.2	157240.1	6.9	9.6	157256.7	158230.0
1985	6.2	62.8	4.8	5.7	4.0	212.7	1242.4	249.5	1788.1	107535.6	38360.8	164.1	146060.5	8.5	9.9	146078.9	147867.0
1986	8.9	54.7	5.6	0.9	7.7	216.5	1711.2	608.5	2614.0	158211.4	44646.9	924.7	203783.0	32.4	6.8	203822.2	206436.2
1987	65.7	61.3	10.5	0.1	5.8	452.8	1313.9	606.0	2516.2	130970.1	24062.9	3644.0	158677.1	12.6	6.8	158696.5	161212.6
1988	122	59.5	6.2	0.2	5.3	660.3	1563.1	1228.8	3644.9	119102.8	23222.4	2544.6	144869.8	32.7	7.4	144909.9	148555.2
1989	3.9	60.7	3.6	4.8	11.6	422.7	1185.6	690.8	2383.7	111524.9	17531.7	2018.2	131074.8	279.9	5.2	131359.8	133755.5
1990	8.2	67.0	0.7	0.2	10.3	199.0	989.1	391.6	1666.1	114730.9	21020.7	1080.1	136831.6	17.4	5.8	136854.8	138591.5

Table 12. (Continued).

Year	Finfish										Shellfish					Grand Total	
	Black drum	Flounder	Sheeps-head	Mullet	Cobia	Grouper	Snapper	Other	Total	Shrimp			Blue crab	Other	Total		
										Brown and Pink	White	Other					
1991	2.0	51.9	0.6	4.6	7.9	183.9	687.8	314.2	1252.8	131761.1	28024.4	836.9	160622.4	4.7	2.4	160629.5	161882.3
1992	23.0	50.6	0.3	2.2	6.7	224.4	1781.4	1289.0	3377.5	95288.5	25897.7	2782.1	123968.3	3.9	6.6	123978.8	127356.3
1993	11.7	30.6	0.4	5.5	9.7	322.5	2729.9	1105.9	4216.2	86091.7	21998.7	3096.8	111187.3	1.3	3.0	111191.6	115474.2
1994	37.4	24.2	0.6	2.0	6.6	305.8	2301.0	1058.5	3736.1	117269.8	29200.3	1574.4	148044.4	35.3	3.0	148082.7	151818.8
1995	107	64.1	0.7	0.6	7.3	355.1	2424.2	1812.2	4770.8	107255.2	30690.1	1536.9	139482.3	2.9	4.1	139489.3	144260.1
1996	45.1	22.0	0.4	1.3	10.5	156.4	3178.1	1541.2	4955.1	99048.3	38560.5	2373.2	139981.9	24.0	3.3	140009.3	144964.4
1997	0.0	5.8	4.4	0.5	5.9	172.4	3296.2	1795.3	5280.6	93499.3	37330.7	2851.9	133682.0	14.5	2.9	133699.4	138980.0
1998	13.5	9.4	0.2	2.5	16.2	336.4	3361.4	1455.1	5194.7	102382.5	45915.2	1949.5	150247.2	3.5	3.6	150254.3	155449.0

Table 13. Weight (lb x 1000) of "other" finfish species landed commercially from the Gulf of Mexico, 1972 -1998.

Species	Year												
	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Atlantic croaker	22.7	29.9	95.3	32.7	8.9	2.8	10.2	3.7	2.7	2.4	0.4	1.1	1.2
Codfish, unclassified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
Dolphin	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Florida pompano	1.1	0.2	4.3	1.5	3.3	0.5	0.5	1.5	0.8	0.2	3.6	0.0	4.0
Gafftopsail catfish	6.0	12.5	14.2	20.8	21.4	13.4	27.1	0.4	0.4	2.6	1.4	5.8	4.8
Greater amberjack	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.7
Kingfish, unclassified	92.8	71.2	125.9	150.5	47.1	26.8	19.8	8.8	13.3	13.5	25.2	11.5	14.9
Mackerel, Spanish	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	1.2
Red drum	97.8	162.1	140.5	94.3	78.7	51.0	7.6	13.1	8.1	9.0	0.0	0.0	0.0
Seatrout, sand	0.5	0.6	0.0	5.6	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9
Seatrout, spotted	261.9	531.2	284.9	250.5	204.1	111.8	43.5	131.0	49.7	28.6	0.0	0.0	0.0
Shark, unclassified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.8
Tuna, Yellowfin	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.3
Tuna, bluefin	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.3
Tuna, unclassified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.7
Unclassified food	78.1	86.9	99.1	255.8	179.0	72.0	27.4	31.0	12.1	34.4	67.1	47.6	29.2
Unclassified scrap	4.9	137.6	130.9	102.2	62.0	43.0	36.1	62.6	8.8	4.9	0.7	1.6	2.6
Total	565.9	1032.2	895.1	913.9	605.7	321.3	172.0	252.3	96.0	95.5	98.4	67.6	131.7

Table 13. (Continued).

Species	Year												
	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
Alligator gar	0.0	0.0	0.0	0.3	0.0	0.1	0.0	0.0	0.0	0.7	0.0	0.0	0.0
Atlantic croaker	1.9	2.5	5.3	1.5	0.3	0.0	0.6	1.5	0.0	0.6	0.5	4.1	0.2
Atlantic cutlassfish	0.0	0.0	0.0	0.0	1.6	0.0	0.0	2.6	4.3	2.4	0.3	0.2	1.0
Atlantic moonfish	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Atlantic spadefish	0.0	0.1	0.0	0.0	1.4	0.0	0.0	0.1	1.9	1.4	0.2	0.3	1.8
Blue runner	0.0	0.0	0.0	0.0	2.2	0.0	0.0	2.0	20.2	27.6	10.5	13.8	23.5
Bluefish	0.0	1.3	10.3	0.4	0.0	0.3	0.0	0.0	0.0	0.4	0.1	0.6	0.0
Codfish, unclassified	0.0	0.5	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Crevalle jack	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
Dolphin	0.2	2.9	1.9	3.1	9.7	18.6	5.1	16.0	8.8	9.3	21.0	10.7	7.4
Eels, cusk	0.0	0.0	0.0	1.0	0.4	0.3	0.0	0.0	0.5	2.0	0.2	0.1	0.2
Florida pompano	13.0	1.7	12.6	0.1	0.6	0.3	0.1	1.0	0.2	0.2	0.1	0.2	0.0
Gafftopsail catfish	18.3	12.3	11.1	2.5	0.1	0.4	1.2	0.0	0.3	0.0	0.9	0.0	0.0
Gar, unclassified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Great barracuda	0.0	0.0	0.0	0.1	0.1	0.2	0.1	0.4	4.7	2.7	2.3	1.8	1.1
Greater amberjack	27.9	106.1	96.5	173.1	126.2	66.9	27.6	169.4	183.1	102.7	152.2	159.8	180.8
Gulf butterfish	4.9	0.1	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Herring, unclassified	0.0	0.0	0.0	0.0	0.0	0.3	1.3	13.9	0.1	0.1	2.7	0.0	0.0
Killifish, unclassified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0
Kingfish, Gulf	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
Kingfish, Southern	0.0	0.0	0.0	0.7	0.5	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
Kingfish, unclassified	20.5	14.9	29.6	29.3	58.1	61.6	23.2	14.4	3.9	3.1	3.0	6.7	3.6
Mackerel, Spanish	0.2	0.2	0.8	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0
Mackerel, king	2.5	1.5	2.5	6.2	0.3	1.3	0.4	41.4	91.7	132.2	172.8	149.6	266.9
OILFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.4	19.0
Pinfish	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Porgy, unclassified	0.0	0.0	0.0	0.0	0.3	0.7	0.8	0.0	0.2	0.2	0.1	0.0	0.0
Seatrout, sand	2.3	0.6	2.6	0.0	0.7	0.2	1.7	0.3	0.0	0.1	0.1	0.0	0.0
Seatrout, silver	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
Shark, Atlantic sharpn	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0
Shark, Great hammerhea	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	1.4	0.0
Shark, blacktip	0.0	0.7	4.9	1.7	1.3	0.5	0.5	0.2	1.3	75.3	93.3	40.9	1.7
Shark, shortfin mako	0.5	6.9	4.1	1.0	0.5	0.3	5.7	1.7	3.4	4.6	10.1	2.4	1.6
Shark, unclassified	63.4	105.3	31.3	33.1	26.2	34.2	17.9	25.6	17.7	73.9	186.8	250.8	166.3
Stingrays	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Swordfish	31.9	85.5	46.4	22.3	12.6	8.7	10.1	59.2	84.4	43.0	74.9	71.8	142.0
Tilefish	41.9	7.3	35.6	214.9	143.9	48.8	25.0	5.7	38.5	20.7	218.7	8.1	2.4
Triggerfish, gray	0.0	0.3	0.2	0.8	4.7	7.0	6.2	7.9	11.3	15.4	26.5	17.2	15.0
Tuna, Atlantic bonito	0.0	0.0	0.1	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.6
Tuna, Yellowfin	1.5	100.6	79.8	474.2	96.8	66.3	0.0	256.1	124.2	272.5	359.7	360.4	404.4
Tuna, blackfin	0.0	0.3	0.0	0.5	0.5	7.7	0.4	6.8	61.7	8.5	5.5	4.8	5.7
Tuna, bluefin	2.7	1.1	1.4	0.0	0.0	0.0	0.0	0.0	1.4	3.3	1.3	7.5	2.2
Tuna, little	0.0	0.0	0.2	0.0	1.0	0.0	0.0	24.5	0.0	0.0	0.2	0.0	0.0
Tuna, unclassified	22.8	79.0	14.9	37.0	34.2	11.6	71.1	181.2	70.8	5.4	14.4	14.3	3.5
Unclassified food	67.0	3.8	20.6	31.5	7.5	8.3	3.6	14.7	19.6	16.8	30.4	5.4	4.1
Unclassified scrap	7.5	2.6	9.1	1.0	0.1	0.5	7.0	3.6	1.0	1.0	0.9	0.1	0.6
Wahoo	0.0	0.1	1.0	16.8	5.5	3.4	2.1	10.5	4.7	4.7	10.3	4.4	3.0
Total	331.0	538.2	426.7	1053.2	537.7	348.7	212.0	860.9	760.7	831.1	1400.0	1154.8	1259.8

Table 14. (Continued).

Species	Year												
	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
Alligator gar	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0
Atlantic croaker	0.4	0.8	1.9	0.5	0.1	0.0	0.0	0.3	0.0	0.1	0.6	0.0	0.1
Atlantic cutlassfish	0.0	0.0	0.0	0.0	1.1	0.0	0.0	1.9	2.5	1.8	0.1	0.1	0.6
Atlantic moonfish	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Atlantic spadefish	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.1	1.7	1.2	0.1	0.2	0.7
Blue runner	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.5	5.7	7.4	2.6	3.7	6.7
Bluefish	0.0	0.7	4.4	0.1	0.0	0.1	0.0	0.0	0.0	0.4	0.1	0.2	0.0
Codfish, unclassified	0.0	0.2	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Crevalle jack	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dolphin	0.2	3.0	2.2	2.9	10.2	17.6	5.1	14.1	8.1	9.1	21.3	10.9	6.1
Eels, cusk	0.0	0.0	0.0	0.5	0.3	0.2	0.0	0.0	0.5	2.4	0.2	0.1	0.1
Florida pompano	12.3	2.4	15.6	0.1	1.1	0.3	0.1	0.8	0.2	0.3	0.1	0.2	0.0
Gafftopsail catfish	7.8	5.5	2.5	0.8	0.1	0.2	0.2	0.0	0.2	0.0	0.3	0.0	0.0
Gar, unclassified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Great barracuda	0.0	0.0	0.0	0.0	0.1	0.0	0.2	0.2	2.6	1.4	1.0	0.8	0.4
Greater amberjack	19.2	58.6	58.6	115.7	108.6	52.4	26.9	156.3	166.5	119.6	172.3	160.3	160.2
Gulf butterfish	2.6	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Herring, unclassified	0.0	0.0	0.0	0.0	0.0	0.1	0.4	1.3	0.1	0.1	1.2	0.0	0.0
Killifish, unclassified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.0	0.8	0.0
Kingfish, Gulf	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0
Kingfish, Southern	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Kingfish, unclassified	6.5	5.2	10.1	10.4	21.0	18.8	8.0	5.3	1.6	1.0	1.2	2.1	1.3
Mackerel, Spanish	0.1	0.2	0.3	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mackerel, king	2.1	1.1	1.5	5.4	0.4	1.3	1.2	27.7	60.6	90.8	131.1	12.9	216.0
OILFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pinfish	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Porgy, unclassified	0.0	0.0	0.0	0.0	0.2	0.7	0.8	0.0	0.1	0.1	0.1	0.0	0.0
Seatrout, sand	2.1	0.3	1.9	0.0	0.3	0.0	1.9	0.1	0.0	0.1	0.0	0.0	0.0
Seatrout, silver	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Shark, Atlantic sharpn	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0
Shark, Great hammerhea	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.4	0.0
Shark, blacktip	0.0	0.3	6.9	0.8	0.9	0.3	0.4	0.0	0.6	30.6	35.3	9.6	0.6
Shark, shortfin mako	0.4	6.3	10.1	0.8	0.5	0.2	16.1	5.3	4.0	4.2	7.2	1.8	1.3
Shark, unclassified	27.8	56.1	13.2	14.7	9.1	28.3	9.5	7.4	5.5	38.0	61.3	77.4	75.6
Stingrays	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Swordfish	93.3	251.3	198.3	65.4	42.4	25.9	33.6	166.7	207.1	104.7	176.0	194.3	296.1
Tilefish	39.5	6.1	30.6	230.8	178.6	58.5	25.8	6.6	37.5	24.3	279.6	11.2	2.4
Triggerfish, gray	0.0	0.1	0.1	0.4	2.7	4.4	5.7	7.1	8.2	6.9	13.9	12.0	7.0
Tuna, Atlantic bonito	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.6
Tuna, Yellowfin	2.0	100.6	209.2	684.4	249.6	147.4	0.0	434.5	244.5	527.8	827.5	834.9	983.2
Tuna, blackfin	0.0	0.1	0.0	0.2	0.8	6.2	0.4	11.8	139.7	19.8	4.0	4.9	6.9
Tuna, bluefin	0.3	4.0	10.6	0.0	0.0	0.0	0.0	0.0	12.7	29.1	2.1	34.6	6.1
Tuna, little	0.0	0.0	0.1	0.0	1.4	0.0	0.0	51.0	0.0	0.0	0.1	0.0	0.0
Tuna, unclassified	12.8	102.8	18.2	67.6	45.9	19.7	166.2	365.3	169.6	14.6	31.9	25.0	3.4
Unclassified food	18.6	2.0	5.1	13.4	8.6	5.2	3.3	11.6	20.8	16.6	28.4	5.9	2.4
Unclassified scrap	1.4	0.5	1.5	0.2	0.0	0.0	6.0	2.9	0.3	0.8	0.4	0.0	0.5
Wahoo	0.0	0.1	1.3	13.0	4.8	3.4	2.1	9.9	4.6	4.6	10.2	4.3	2.8
Total	249.5	608.5	606.0	1228.8	690.8	391.6	314.2	1289.0	1105.9	1058.5	1812.2	1541.2	1795.3

Table 17. Ex-vessel price (\$/lb) of finfish, 1972 -1998.

Year	Black drum		Flounder		Sheepshead		Snapper		Other	
	Range	Mean	Range	Mean	Range	Mean	Range	Mean	Range	Mean
1972	0.07-0.19	0.12	0.18-0.37	0.26	0.03-0.15	0.08	0.35-0.53	0.46	0.03-0.50	0.24
1973	0.07-0.24	0.13	0.18-0.44	0.31	0.04-0.17	0.09	0.45-0.65	0.51	0.03-0.50	0.27
1974	0.07-0.27	0.16	0.15-0.43	0.29	0.03-0.17	0.07	0.40-0.75	0.56	0.03-0.62	0.27
1975	0.03-0.31	0.18	0.20-0.53	0.36	0.03-0.25	0.09	0.40-0.77	0.63	0.03-0.79	0.32
1976	0.09-0.35	0.24	0.21-0.57	0.41	0.05-0.23	0.11	0.59-0.95	0.71	0.03-1.05	0.38
1977	0.10-0.41	0.28	0.25-0.72	0.55	0.05-0.30	0.10	0.20-1.18	0.96	0.05-0.95	0.47
1978	0.05-0.60	0.34	0.20-0.90	0.73	0.05-0.40	0.12	0.72-1.40	1.04	0.05-1.95	0.59
1979	0.10-0.95	0.39	0.20-1.20	0.82	0.05-0.45	0.14	0.90-1.49	1.22	0.05-1.71	0.71
1980	0.10-0.70	0.51	0.40-1.27	0.79	0.06-0.45	0.14	0.95-1.77	1.52	0.05-1.70	0.85
1981	0.10-1.40	0.57	0.20-1.45	1.06	0.05-0.95	0.21	0.98-2.01	1.61	0.05-1.70	0.98
1982	0.15-0.95	0.63	0.51-1.45	0.97	0.10-0.77	0.25	0.86-2.11	1.81	0.05-1.95	0.26
1983	0.20-0.85	0.65	0.45-1.40	0.94	0.10-0.80	0.24	0.90-1.95	1.46	0.05-1.90	0.28
1984	0.20-0.95	0.50	0.47-1.70	0.92	0.10-0.55	0.21	1.29-2.09	1.81	0.06-1.96	0.33
1985	0.15-1.05	0.66	0.53-1.86	1.00	0.05-0.45	0.22	0.75-2.41	1.87	0.05-5.00	0.44
1986	0.18-1.20	0.70	0.38-1.44	0.96	0.15-0.55	0.27	0.75-2.43	1.86	0.05-3.80	0.82
1987	0.15-1.45	0.70	0.35-1.75	0.98	0.15-1.91	0.28	0.85-3.00	1.87	0.06-7.85	0.98
1988	0.03-2.00	0.77	0.50-1.87	1.23	0.20-1.12	0.28	0.55-2.95	1.94	0.05-3.85	1.08
1989	0.15-1.44	0.89	0.56-2.38	1.21	0.20-1.11	0.30	0.64-2.70	2.01	0.10-15.00	1.09
1990	0.21-1.50	0.89	0.70-2.46	1.26	0.12-0.65	0.34	0.33-2.98	1.80	0.01-4.90	0.93
1991	0.22-1.35	0.77	0.58-2.41	1.16	0.17-0.85	0.31	0.43-3.25	1.86	0.05-4.50	1.18
1992	0.18-1.17	0.79	0.60-2.13	1.27	0.17-0.75	0.42	0.60-2.68	1.68	0.07-10.42	1.30
1993	0.30-1.23	0.77	0.64-2.18	1.54	0.25-0.73	0.40	0.81-2.70	1.85	0.09-12.50	1.27
1994	0.30-1.23	0.80	0.80-2.25	1.69	0.25-0.90	0.42	0.89-2.80	1.98	0.10-19.74	1.24
1995	0.44-1.85	0.86	0.85-2.50	1.76	0.22-0.79	0.48	0.68-2.95	1.95	0.10-16.67	1.31
1996	0.44-1.36	0.91	0.92-2.50	1.87	0.15-0.79	0.42	0.90-2.78	1.88	0.10-12.50	1.30
1997	0.44-1.35	0.85	0.81-2.75	1.75	0.24-1.54	0.49	0.58-2.49	1.71	0.10-22.92	1.47
1998	0.70-1.90	1.05	0.33-3.21	1.95	0.27-0.66	0.43	0.90-2.75	2.07	0.12-17.71	1.46

Table 18. Ex-vessel price (\$/lb) of shellfish, 1972 -1998.

Year	Shrimp														
	Brown and Pink			White			Other			Blue Crab			Eastern Oyster		
	Range	Mean		Range	Mean		Range	Mean		Range	Mean		Range	Mean	
1972	0.11-1.21	0.81		0.16-1.30	0.86		0.08-0.10	0.08		0.07-0.12	0.10		0.50-1.14	0.63	
1973	0.29-1.45	1.08		0.39-1.37	1.00		0.24-1.11	0.27		0.08-0.25	0.12		0.61-1.37	0.94	
1974	0.19-1.53	0.87		0.30-1.74	0.90		0.08-0.71	0.24		0.08-0.20	0.14		0.69-1.37	0.90	
1975	0.20-1.76	1.29		0.21-1.74	1.10		0.09-0.52	0.20		0.10-0.20	0.16		0.64-4.12	0.79	
1976	0.31-2.37	1.64		0.30-2.70	1.51		0.13-0.92	0.19		0.10-0.35	0.18		0.60-1.37	0.82	
1977	0.26-2.52	1.40		0.29-2.68	1.27		0.20-2.11	0.90		0.15-0.30	0.24		0.86-2.19	1.15	
1978	0.26-2.53	1.63		0.30-2.76	1.81		0.20-1.84	1.04		0.10-0.35	0.27		0.88-1.77	1.16	
1979	0.50-2.95	2.32		0.30-3.90	2.11		0.25-1.26	0.53		0.13-0.35	0.26		1.00-1.62	1.18	
1980	0.65-2.92	1.95		0.52-2.83	1.80		0.25-0.93	0.33		0.19-0.50	0.27		0.38-1.71	1.55	
1981	0.44-3.01	1.70		0.60-3.39	1.97		0.18-0.36	0.30		0.21-0.50	0.28		1.03-3.51	1.55	
1982	0.52-3.49	2.56		0.51-4.00	2.39		0.35-0.49	0.42		0.23-0.55	0.30		0.21-2.00	1.46	
1983	0.86-3.68	2.47		0.65-4.00	2.24		0.25-0.59	0.36		0.20-0.60	0.37		1.18-2.05	1.43	
1984	0.31-3.72	2.03		0.54-4.00	1.92		0.24-2.48	0.85		0.20-0.65	0.31		1.34-2.17	1.61	
1985	0.35-3.04	1.97		0.42-3.47	1.97		0.22-0.72	0.27		0.20-0.95	0.34		1.39-2.06	1.71	
1986	0.52-3.20	2.47		0.40-3.87	2.22		0.25-0.65	0.53		0.25-1.26	0.33		1.03-2.52	1.86	
1987	0.35-3.31	2.11		0.44-4.42	1.91		0.16-1.11	0.71		0.20-0.75	0.38		1.66-4.51	2.38	
1988	0.57-3.58	2.22		0.65-4.52	2.05		0.40-0.75	0.55		0.25-1.10	0.41		1.40-3.70	2.50	
1989	0.46-3.97	1.92		0.45-4.75	2.06		0.25-4.47	0.53		0.20-1.50	0.44		1.71-5.00	2.48	
1990	0.33-3.10	1.91		0.25-3.80	2.08		0.23-3.60	0.45		0.20-1.00	0.38		1.14-4.46	3.09	
1991	0.60-5.08	2.06		0.87-4.28	2.23		0.16-1.20	0.44		0.20-1.60	0.37		1.60-4.11	2.42	
1992	0.22-6.29	2.10		0.48-4.58	2.04		0.20-9.99	0.44		0.15-0.70	0.45		1.52-2.57	1.88	
1993	0.54-3.91	2.02		0.49-6.38	1.93		0.17-1.00	0.32		0.30-0.88	0.48		1.14-1.77	1.56	
1994	0.50-3.90	2.60		0.47-4.91	2.76		0.22-2.91	0.52		0.35-1.00	0.59		1.20-2.05	1.70	
1995	0.71-4.37	2.30		0.78-8.02	2.49		0.30-1.21	0.68		0.17-1.40	0.70		1.37-2.06	1.88	
1996	0.62-4.24	2.29		0.59-5.00	2.42		0.30-1.35	0.66		0.15-2.06	0.67		1.38-2.83	2.21	
1997	0.65-4.40	2.70		0.77-5.40	2.79		0.30-1.79	0.57		0.35-1.50	0.64		1.54-3.17	2.45	
1998	0.45-4.76	2.14		0.37-4.98	2.49		0.20-3.01	0.58		0.34-1.00	0.65		2.06-3.43	2.41	

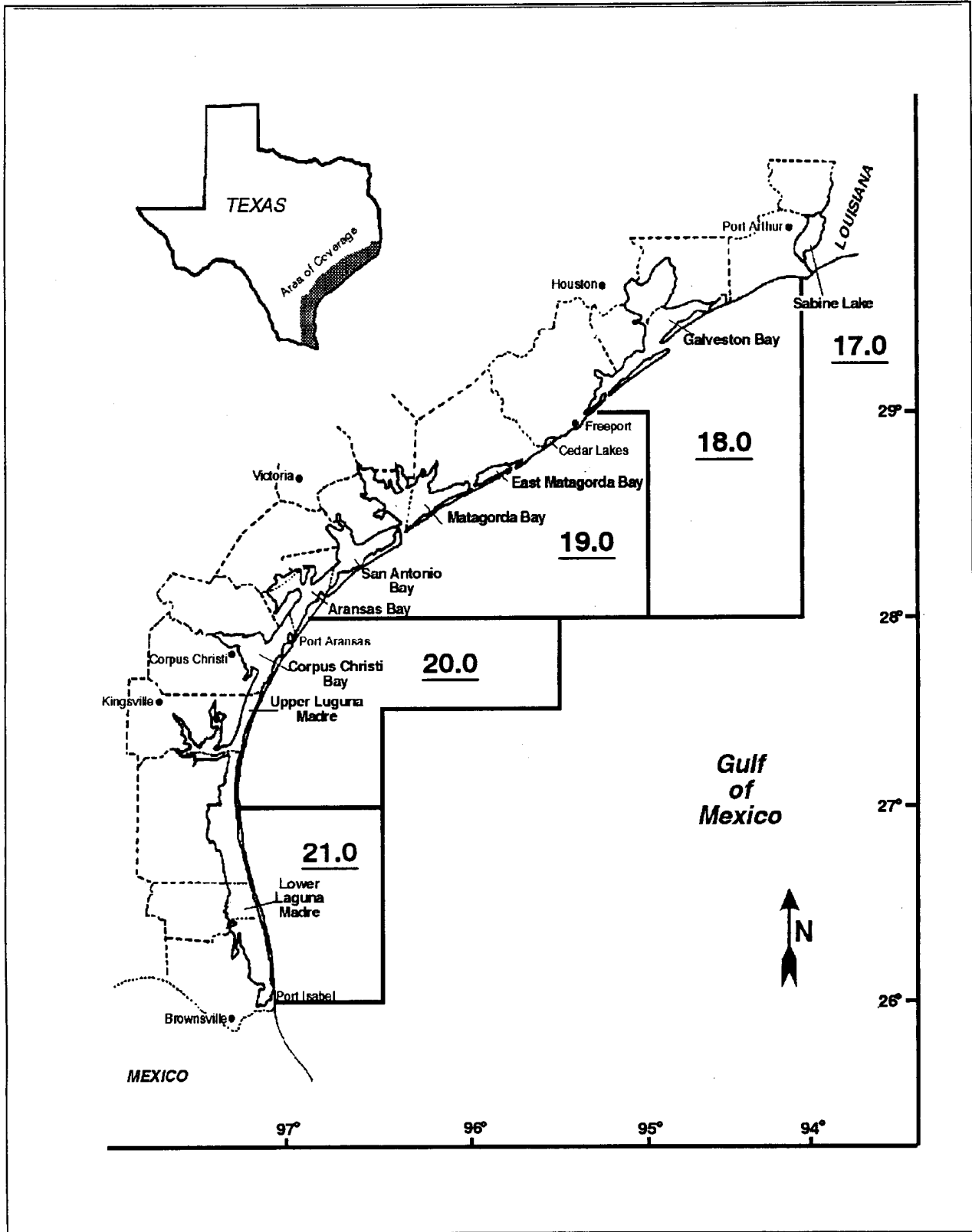


Figure 1. Texas bay systems and Gulf of Mexico grid zone.

Grand Total

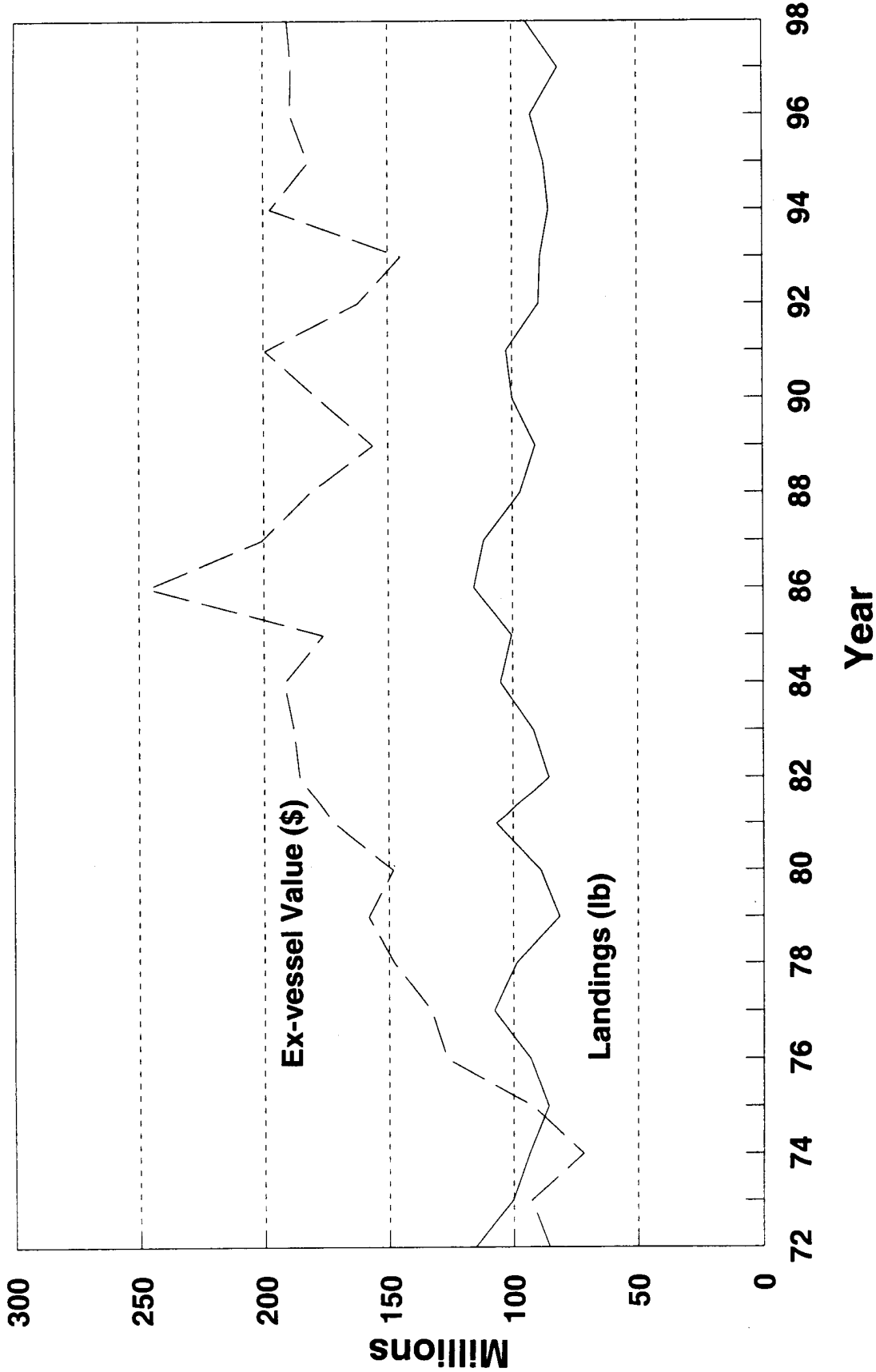


Figure 3. Texas commercial landings (lb) and ex-vessel value (\$) for all seafood landed from bays and the Gulf of Mexico (grand total), by year for 1972-1998.

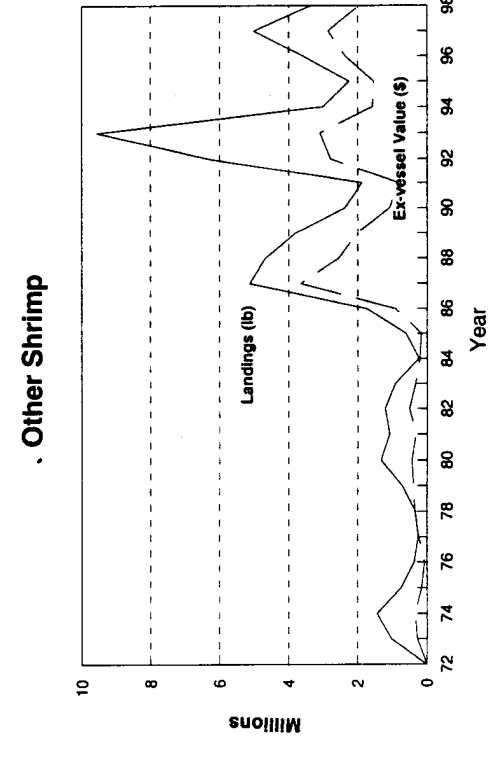
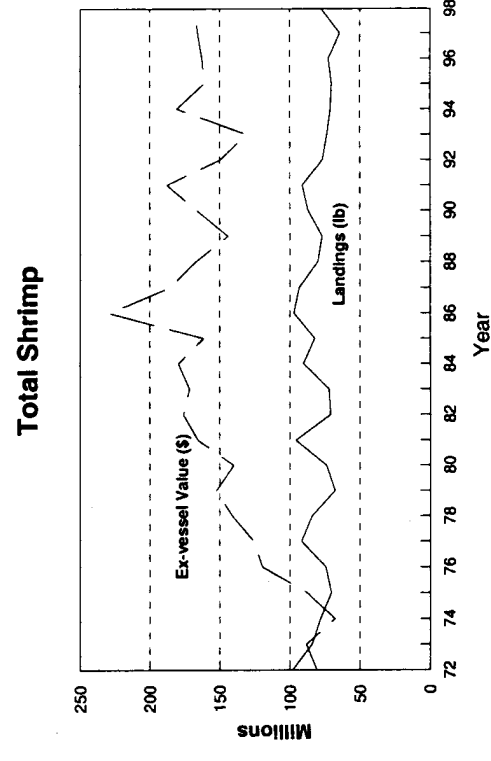
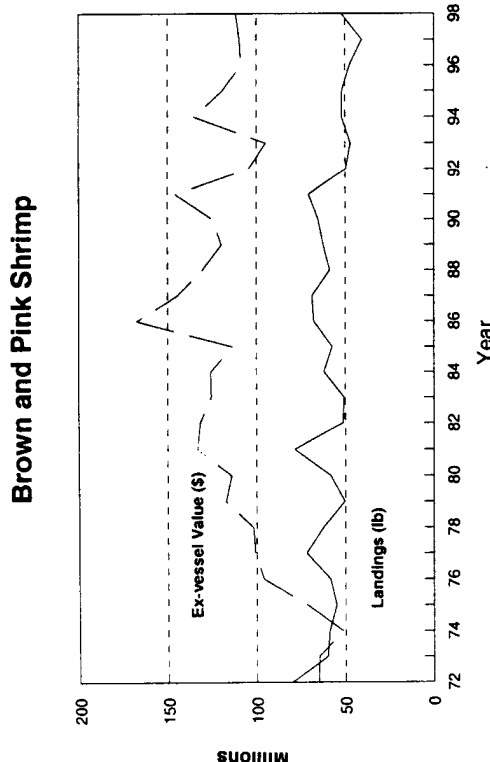
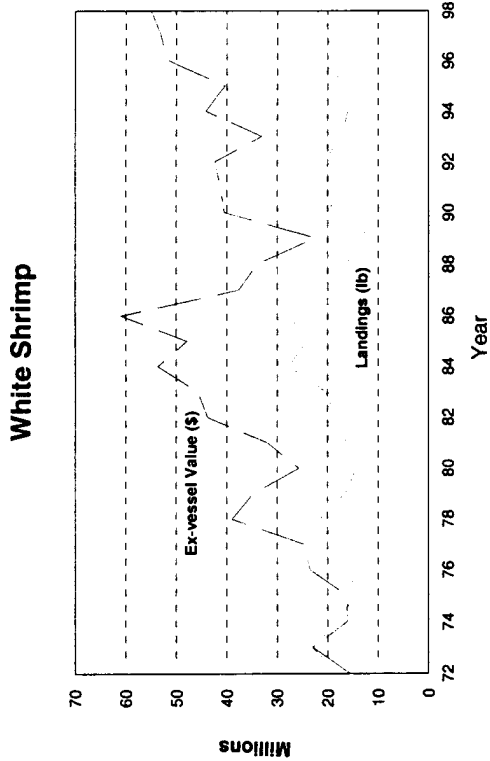
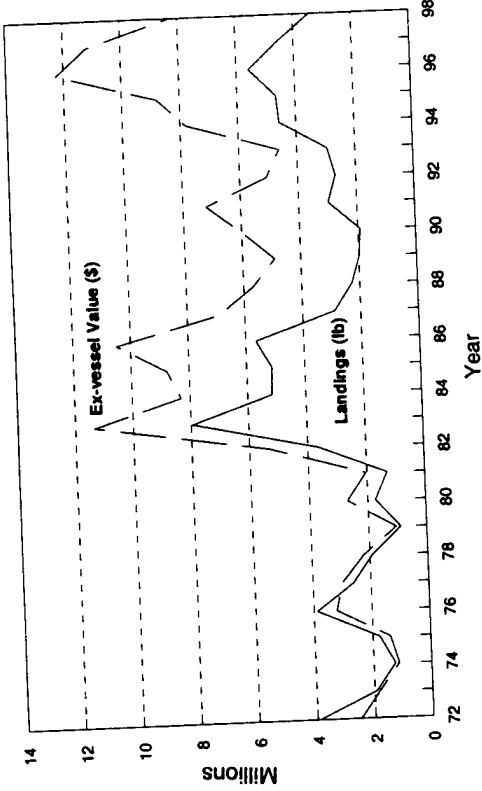
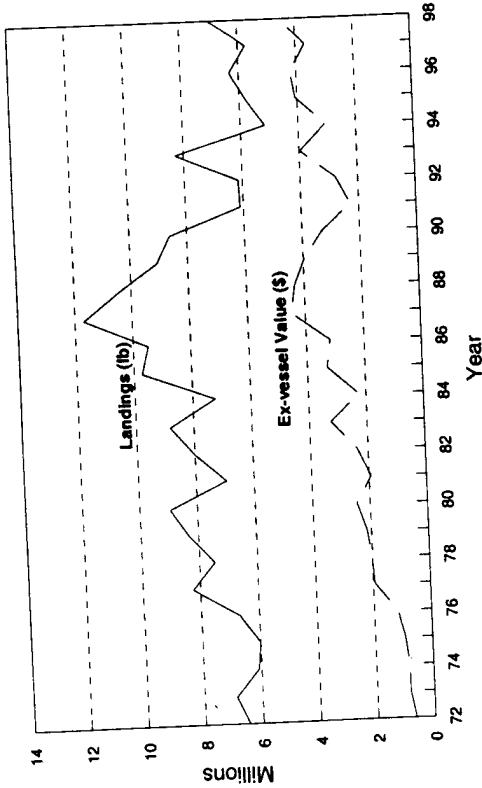


Figure 4. Texas commercial landings (lb) and ex-vessel value (\$) of brown and pink shrimp, white shrimp, other shrimp and total shrimp landed for 1972-1998.

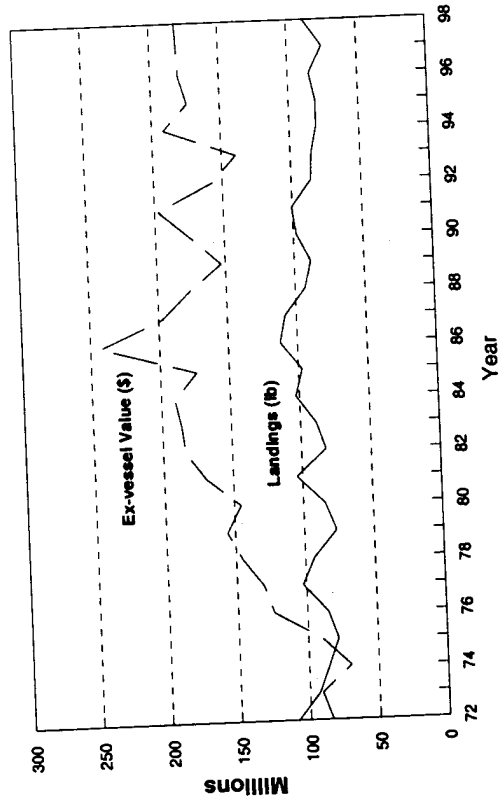
Eastern Oyster



Blue Crab



Total Shellfish



Other Shellfish

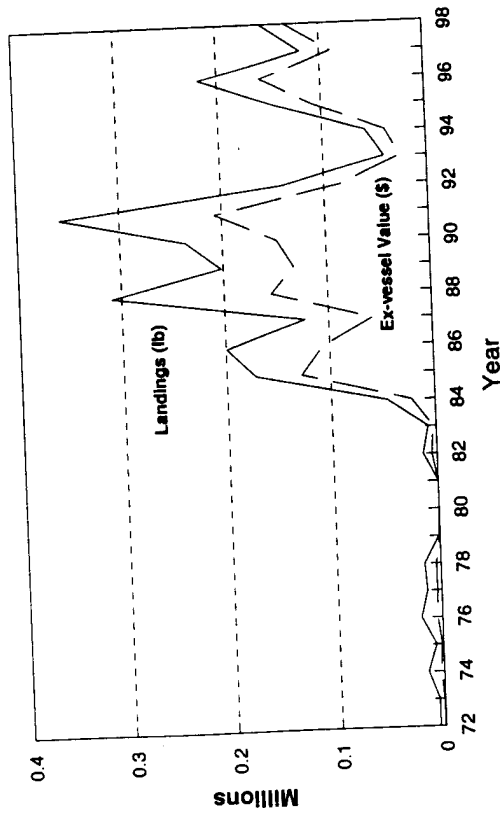


Figure 5. Texas commercial landings (lb) and ex-vessel value (\$) of blue crab, Eastern oyster, other shellfish and total shellfish landed for 1972-1998.

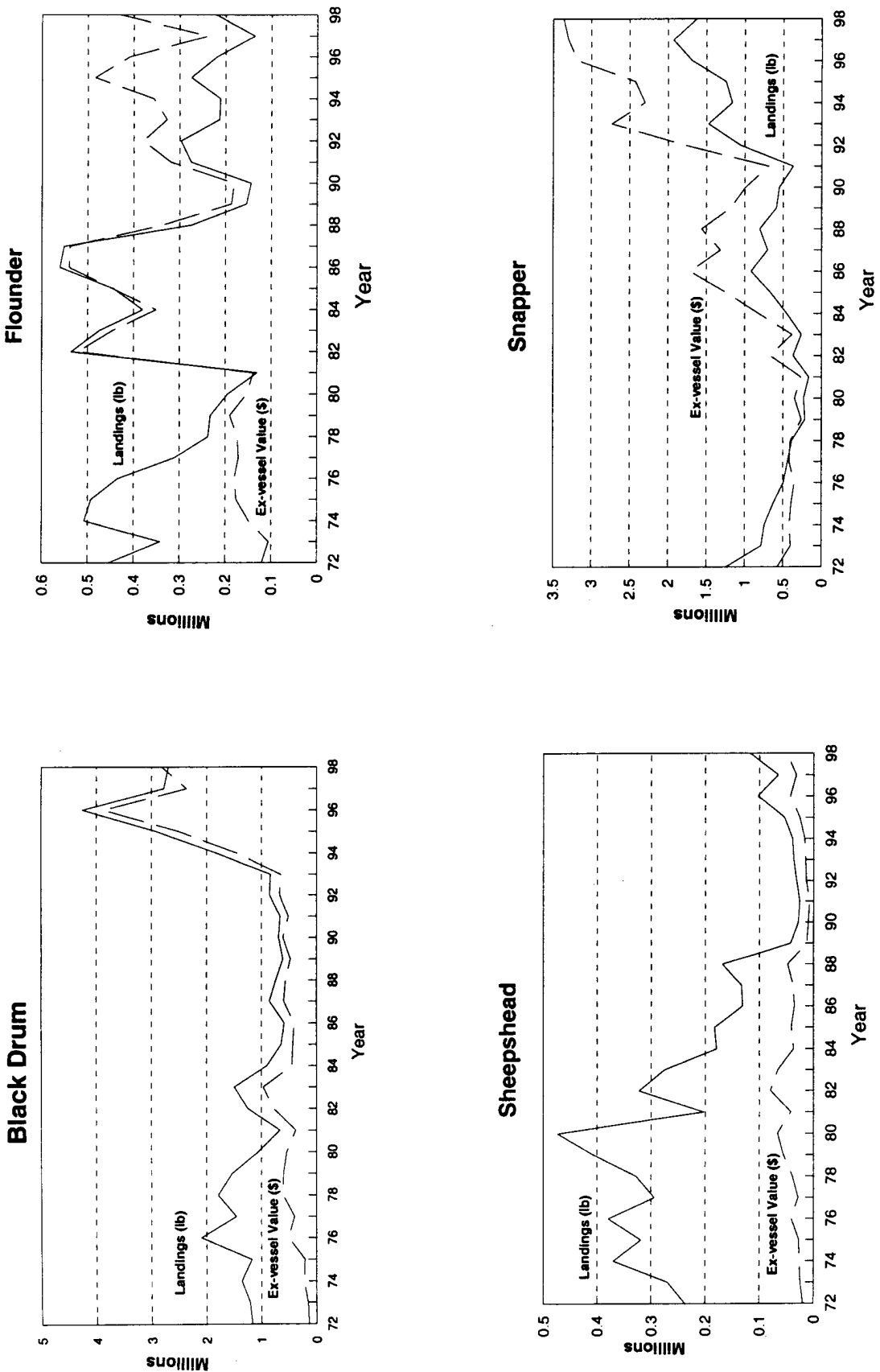


Figure 6. Texas commercial landings (lb) and ex-vessel value (\$) of black drum, flounder, sheephead and snapper (all species) landed for 1972-1998.

Total Finfish

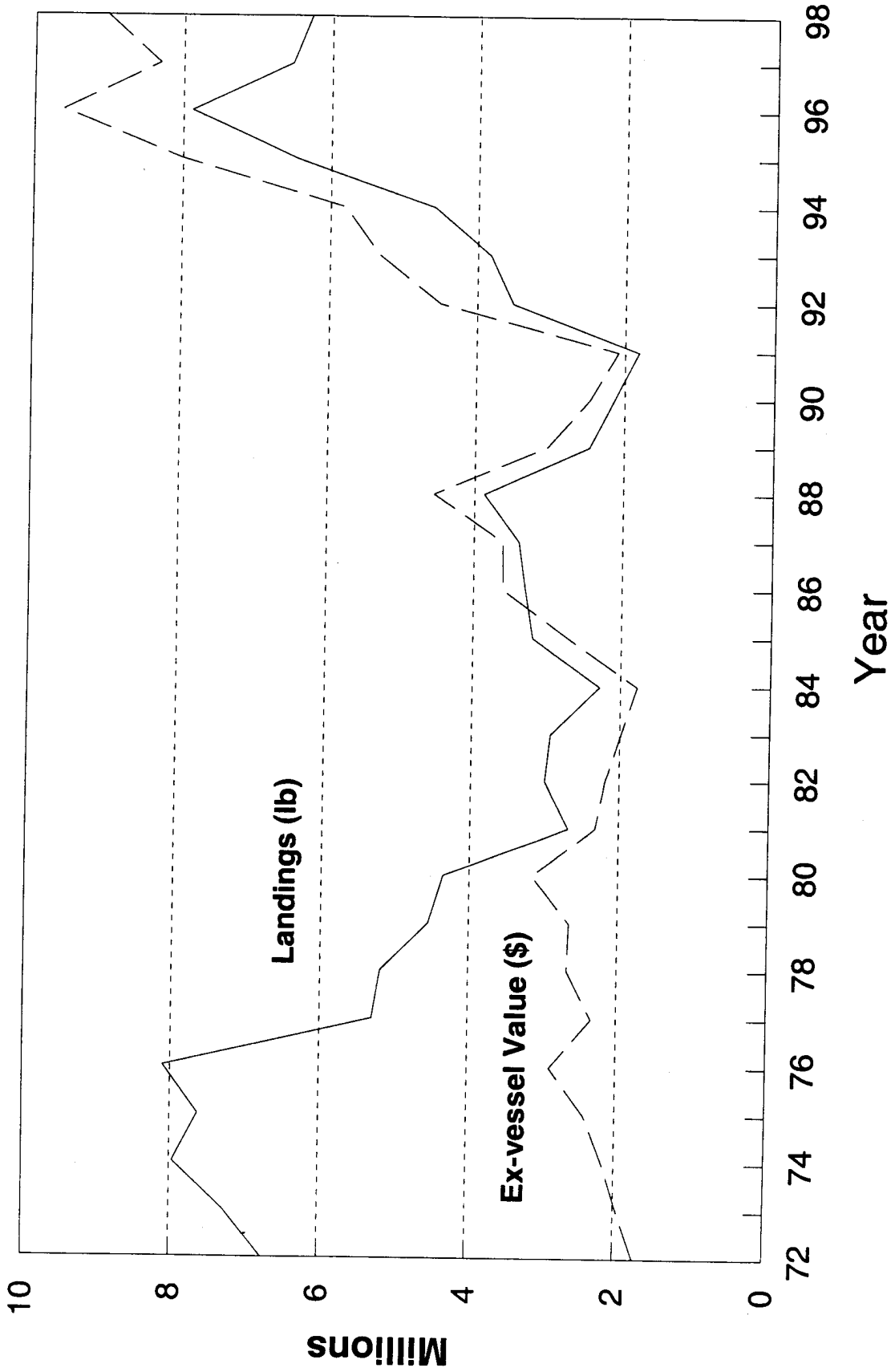


Figure 7. Texas commercial landings (lb) and ex-vessel value (\$) of total finfish for 1972-1998.

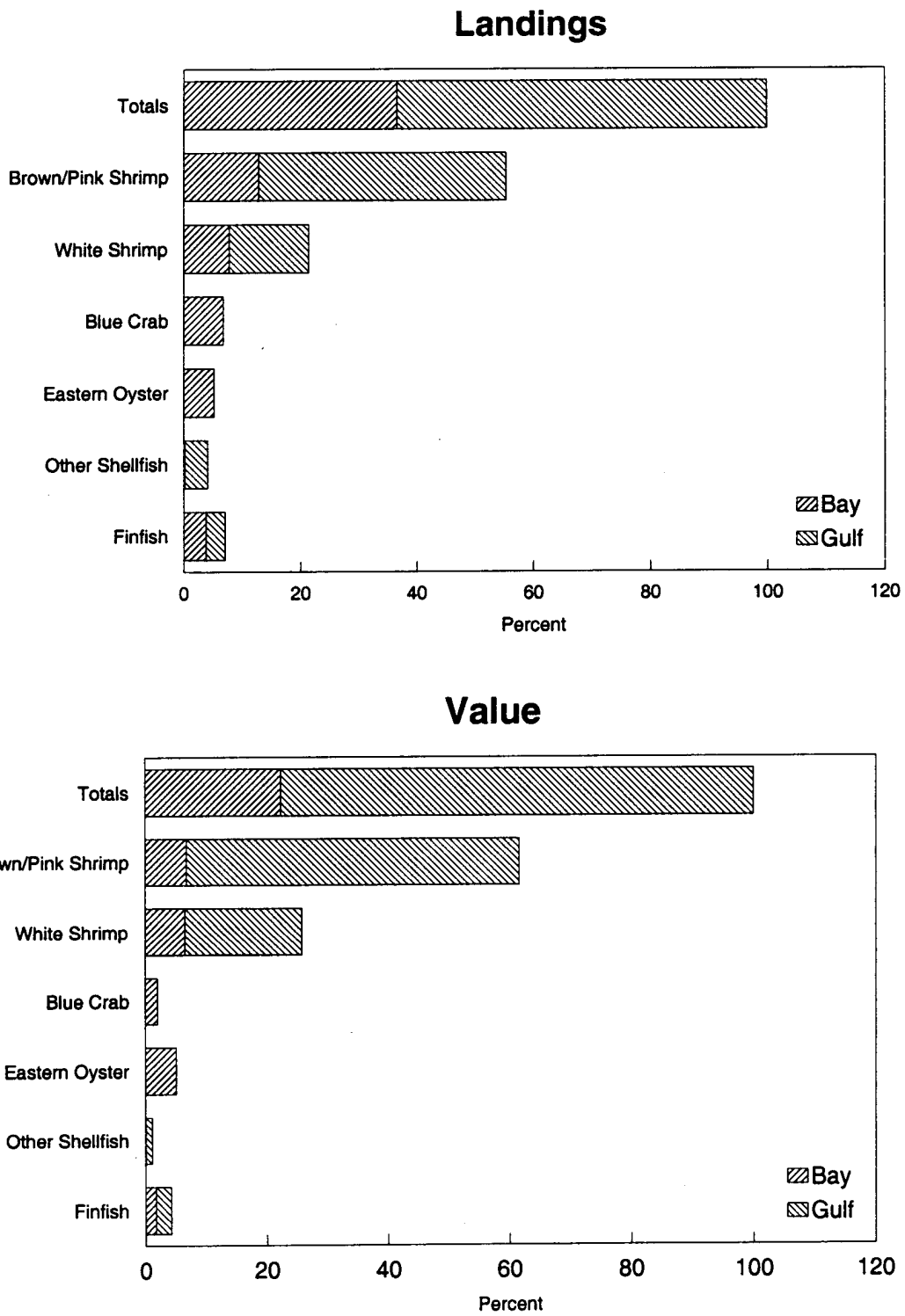


Figure 8. Percent of total coastwide bay and Gulf landings and ex-vessel value contributed by major commercial species groups for the interval 1994-1998.

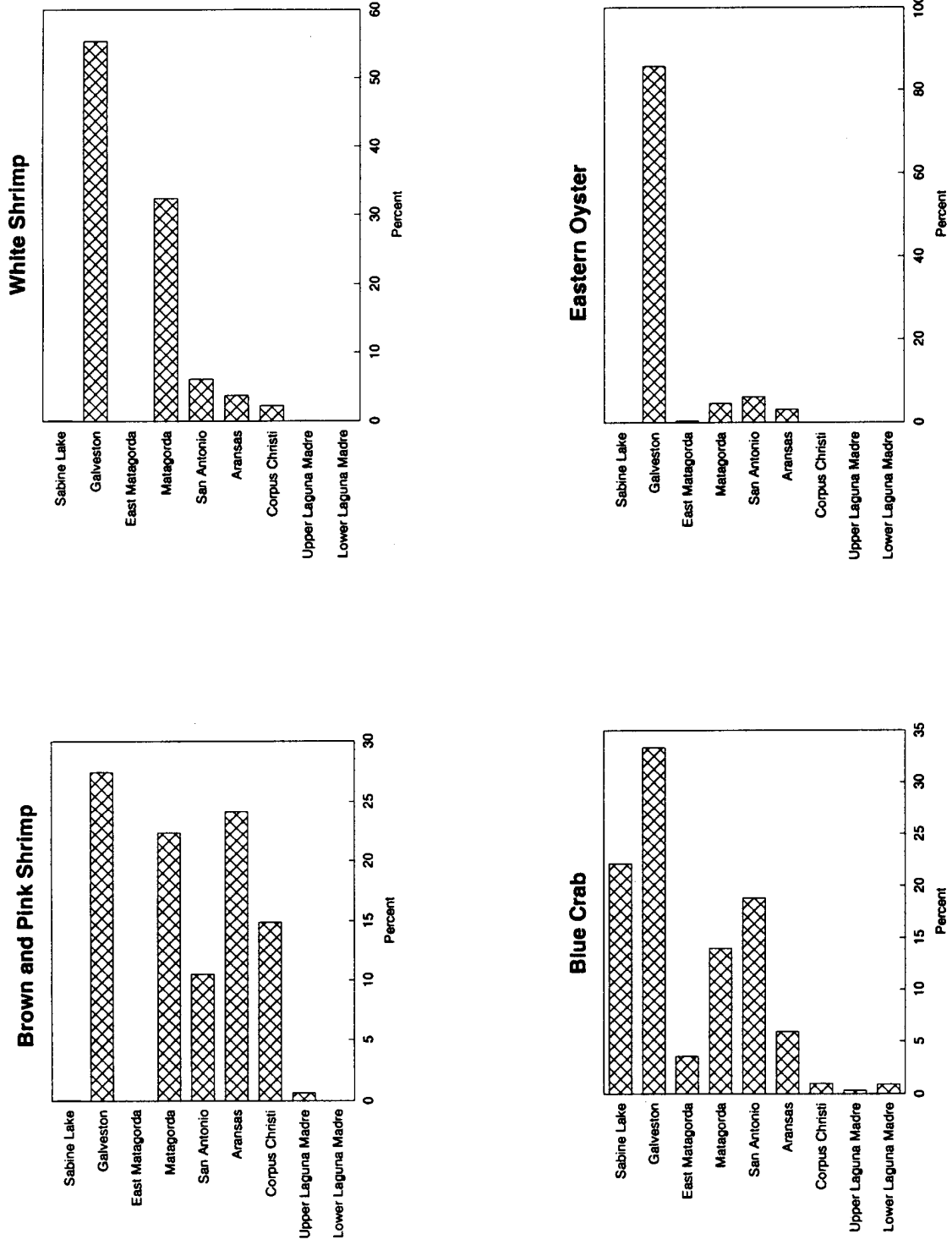
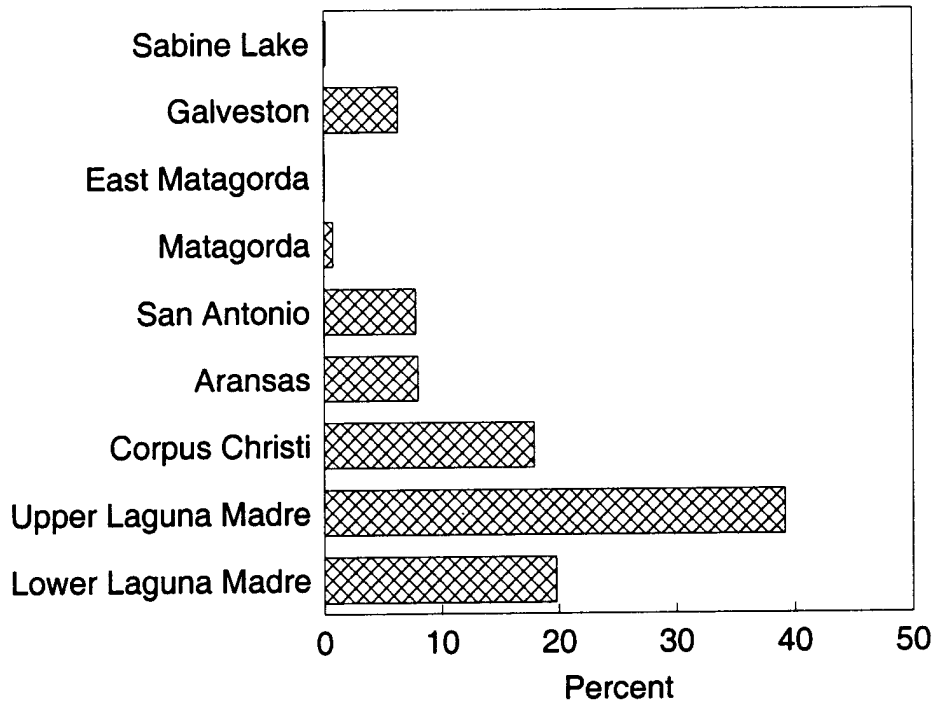


Figure 9. Percent of total landings of brown and pink shrimp, white shrimp, blue crab, and Eastern oysters contributed by each major bay system for the interval 1994-1998.

Total Finfish - Bay



Total Finfish - Gulf

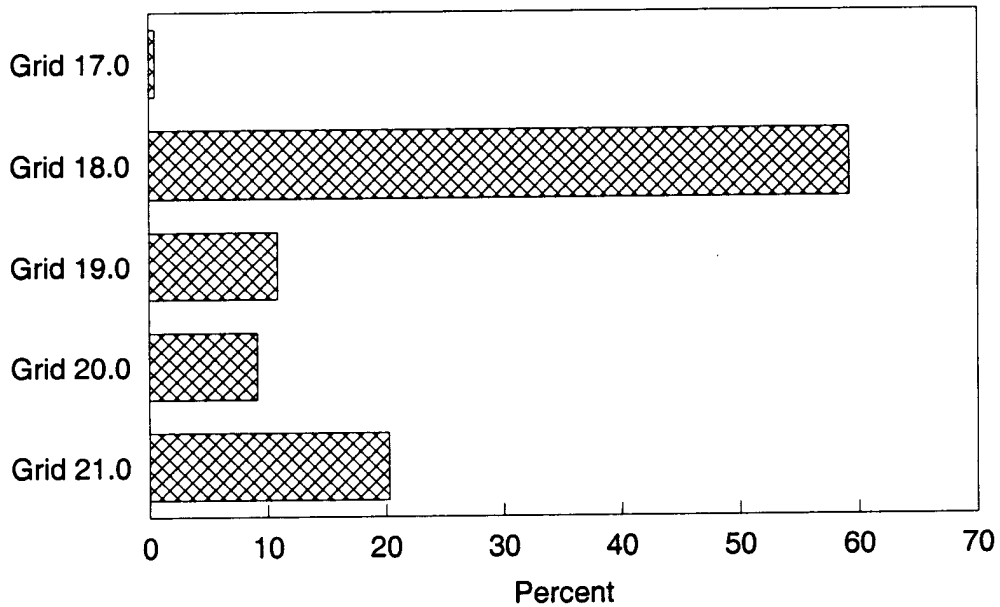
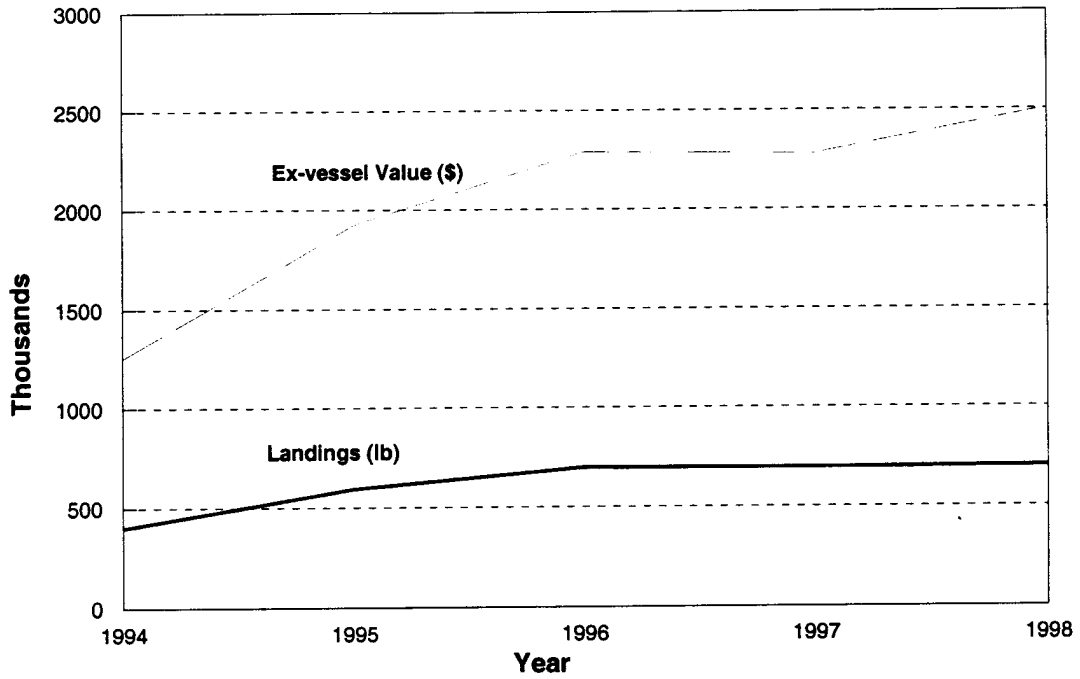


Figure 10. Percent of total finfish landings from bays contributed by each bay system and percent of total finfish landings from the Gulf contributed by each grid zone for the interval 1994-1998.

Live Bait Shrimp



Dead Bait Shrimp

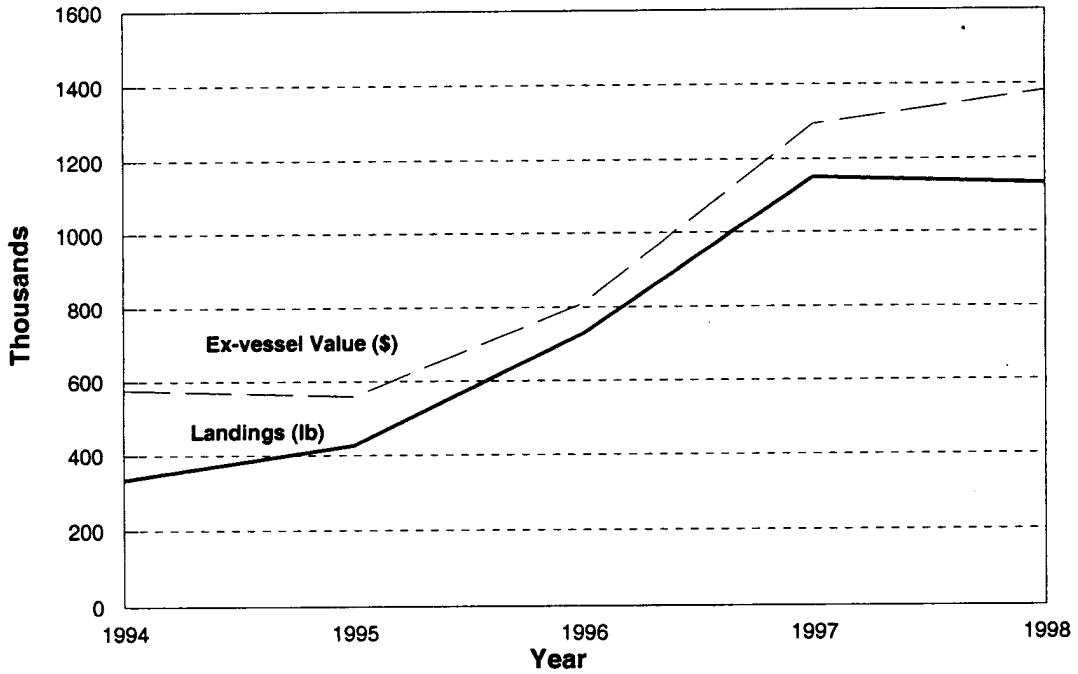


Figure 11. Texas commercial landings (lb) and ex-vessel value (\$) of bait shrimp (live and dead) landed for 1994-1998.

Appendix A. Conversion factors used for finfish and shellfish.

Table A.1. Factors for converting finfish processed weight to live weight^a.

Code	Species	Fillet	Gutted	Headed
996	Amberjack, Greater	1.00	1.04	1.00
611	Catfish, Gafftopsail	3.70	1.12	1.39
656	Cobia (Ling)	3.33	1.04	1.43
602	Croaker, Atlantic	2.86	1.14	1.45
597	Dolphin	3.33	1.20	1.39
625	Drum, Black	2.86	1.14	1.64
375	Flounder, Unclassified	2.63	1.09	1.20
6	Gar, Alligator	2.00	1.00	2.00
465	Gar, Unclassified	2.00	1.00	2.00
421	Grouper, Unclassified	2.63	1.18	1.43
977	Grouper, Scamp	2.63	1.18	1.43
967	Grouper, Warsaw	2.63	1.18	1.43
364	Grouper, Yellowedge	2.63	1.18	1.43
234	Kingfish, Unclassified	2.66	1.14	1.45
772	Mackerel, King	2.86	1.11	1.33
681	Mackerel, Spanish	3.03	1.15	1.52
397	Mullet, Unclassified	2.86	1.14	1.45
001	Oilfish	2.86	1.11	1.33
753	Pompano, Florida	2.63	1.17	1.00
406	Porgy, Unclassified	3.57	1.04	1.72
613	Seatrout, Sand	2.86	1.15	1.24
236	Shark, Unclassified	3.33	1.20	1.39
621	Sheepshead	4.00	1.14	1.54
818	Snapper, Red	3.12	1.11	1.54
410	Snapper, Unclassified	3.12	1.11	1.54
594	Snapper, Vermilion	3.12	1.11	1.54
538	Swordfish	3.33	1.20	1.39
991	Tilefish	2.94	1.12	1.39
507	Triggerfish	3.57	1.04	1.72
540	Tuna, Blackfin	3.03	1.11	1.25
544	Tuna, Little	3.03	1.11	1.25
235	Tuna, Unclassified	3.03	1.11	1.25
240	Tuna, Yellowfin	3.03	1.11	1.25
232	Unclassified Food	1.00	1.00	1.00
233	Unclassified Scrap	1.00	1.00	1.00
547	Wahoo	2.86	1.11	1.33

^aConversion factors provided by Texas Parks and Wildlife Department and National Marine Fisheries Service.

Table A.2. Factors for converting bait landings to live weight^a.

Code	Species	Dozen	Quart
602	Atlantic Croaker	0.38	
680	Atlantic Cutlassfish	2.64	
434	Killifish, Unclassified	0.12	
397	Mullet, Unclassified	0.31	
31250	Bait shrimp, dead	0.18	1.5
31249	Bait shrimp, Live	0.18	1.5
92300	Squid, unclassified	0.50	

^aConversion factors provided by Texas Parks and Wildlife Department and National Marine Fisheries Service.

Table A.3. Factors for converting blue crab to live weight, Eastern oyster to meat weight, and stone crab claw weight to live weight (TPWD unpublished data).

Species	Conversion factors
Blue crab	6 lb/1 dozen
Eastern oyster (to oyster meat)	17.5 lb/barrel
Eastern oyster (to oyster meat)	8.75 lb/gallon
Live Eastern oyster	1 barrel = 3 bushels, baskets or sacks.
Stone crab claw	1 lb claw = 4 lb live weight

Table A.4. Factors for converting shrimp heads-off weight to heads-on weight (Chin 1960).

Species	Conversion factors
Brown shrimp	1.61
Pink shrimp	1.60
Rock shrimp	1.67
Royal red shrimp	1.80
Seabob	1.53
White shrimp	1.54

Appendix B. Weight (lb) and ex-vessel value (\$), by bay system, of commercial finfish and shellfish landings along the Texas coast, 1972-1998.

Table B.1. Weight (lb) of each species landed commercially from the Sabine Lake system, 1972-1998.

Year	Finfish										Shellfish					Grand Total
	Black drum	Flounder	Sheeps-head	Mullet	Other	Total	Shrimp			Blue Crab	Eastern Oyster	Other	Total			
							Brown and Pink	White	Other							
1972	0	0	0	0	0	0	9331	0	9331	1288708	0	0	1298039	1298039		
1973	1400	0	0	0	4682	6082	0	0	0	1358213	0	0	1358213	1364295		
1974	0	0	0	0	0	0	0	0	0	560812	0	0	560812	560812		
1975	647	530	804	0	2368	4349	0	0	0	620926	0	0	620926	625275		
1976	0	219	55	0	4055	4329	0	8245	0	514202	0	0	522447	526776		
1977	980	687	139	0	1010	2816	2336	4212	0	226100	0	0	232648	235464		
1978	0	330	59	0	114	503	0	2763	0	624171	0	0	626934	627437		
1979	556	51	764	56	600	2027	0	0	0	163301	0	0	163301	165328		
1980	48	78	627	60	2220	3033	1099	49900	4668	70089	0	0	125756	128789		
1981	219	119	76	12	974	1400	12830	43248	0	72624	0	0	128702	130102		
1982	0	0	0	0	0	0	0	170835	488	113443	0	0	284766	284766		
1983	379	567	430	0	1341	2717	0	740	0	172874	0	0	173614	176331		
1984	244	176	1588	0	0	2008	12384	10451	0	555304	0	0	578139	580147		
1985	486	2283	1592	0	983	5344	0	21169	0	673758	0	0	694927	700271		
1986	154	2056	1874	0	1172	5256	539	7925	0	1345792	70	763	1355089	1360345		
1987	153	2527	2349	0	2997	8026	203	173190	0	626999	928	130	801450	809476		
1988	132	1676	2424	0	2055	6287	13101	348217	676	443171	0	65	805230	811517		
1989	80	535	2465	0	2284	5364	0	182492	0	1224093	0	0	1406585	1411949		
1990	318	412	1428	0	2495	4653	3779	127096	0	742535	0	588	873998	878651		

Table B.1. (Continued).

Year	Finfish					Shellfish					Grand Total				
	Black drum	Flounder	Sheeps-head	Mullet	Other	Total	Shrimp			Blue Crab		Eastern Oyster	Other	Total	
							Brown and Pink	White	Other						
						and Pink			Total						
1991	669	1775	402	1860	1311	6017	1967	3072	0	5040	696385	0	57	701482	707499
1992	34	2034	119	0	7828	10015	2896	19310	0	22206	266308	0	668	289182	299197
1993	0	61	43	0	489	593	5010	21870	435	27314	871533	0	0	898847	899440
1994	524	0	0	0	1968	2492	0	14924	907	15831	736068	0	0	751899	754391
1995	0	0	0	355	7178	7533	694	9035	0	9729	1278127	0	70	1287926	1295459
1996	1172	0	0	406	6611	8189	23833	8116	0	31949	1654864	0	741	16687554	1695743
1997	700	65	0	122	3922	4809	921	0	0	921	1670858	0	0	1671779	1676588
1998	0	0	0	215	5600	5815	0	12181	0	12181	1268239	0	32	1280452	1286267

Table B.2. Ex vessel value (\$) of each species landed commercially from the Sabine Lake system, 1972-1998.

Year	Finfish					Shellfish					Grand Total			
	Black drum	Flounder	Sheeps-head	Mullet	Other	Total	Shrimp			Blue Crab		Eastern Oyster	Other	Total
							Brown and Pink	White	Other					
1972	0	0	0	0	0	0	4697	0	4697	127369	0	0	132066	
1973	210	0	0	1800	2010	0	0	0	0	158433	0	0	158433	
1974	0	0	0	0	0	0	0	0	0	77090	0	0	77090	
1975	114	195	117	0	545	971	0	0	0	96740	0	0	96740	
1976	0	73	11	0	1383	1466	0	9317	0	89127	0	0	98444	
1977	281	424	34	0	569	1308	1098	2529	0	57904	0	0	61530	
1978	0	165	12	0	23	200	0	4528	0	163288	0	0	167817	
1979	199	25	168	13	240	645	0	0	0	49328	0	0	49328	
1980	24	43	166	28	1526	1787	1113	37518	1354	39985	24043	0	64028	
1981	79	59	15	6	451	610	8600	38279	0	46879	29575	0	76454	
1982	0	0	0	0	0	0	0	197418	220	197637	43907	0	241544	
1983	196	411	94	0	275	976	0	1029	0	1029	74654	0	75682	
1984	110	161	497	0	0	768	8762	12339	0	21101	204298	0	225399	
1985	462	2025	602	0	375	3464	0	10747	0	10747	231322	0	242068	
1986	104	1958	777	0	429	3268	302	3931	0	4233	456436	72	461046	
1987	61	2523	990	0	1812	5386	374	151207	0	151580	236764	1908	390311	
1988	124	1668	1016	0	1900	4707	8084	279949	309	288342	183957	0	472332	
1989	44	501	997	0	2731	4273	0	109314	0	109314	520764	0	630078	
1990	166	540	625	0	2192	3523	1904	101719	0	103623	201430	0	305347	

Table B.2. (Continued).

Year	Finfish					Shellfish					Grand Total				
	Black drum	Flounder	Sheeps-head	Mullet	Other	Total	Shrimp			Blue Crab		Eastern Oyster	Other	Total	
							Brown and Pink	White	Other						
1991	431	1442	141	601	812	3426	2621	6429	0	9050	249323	0	29	258401	261827
1992	24	2434	29	0	2258	4746	3169	13898	0	17067	169499	0	366	186932	191678
1993	0	60	11	0	315	387	3848	15000	148	18996	354640	0	0	373636	374022
1994	419	0	0	0	21175	21594	0	18364	245	18609	387665	0	0	406274	427869
1995	0	0	0	178	60080	60258	941	8515	0	9456	952959	0	70	962485	1022742
1996	829	0	0	203	54183	55215	16810	8594	0	25404	1093927	0	389	1119720	1174935
1997	490	68	0	299	44696	45553	599	0	0	599	1072534	0	0	1073133	1118686
1998	0	0	0	835	76180	77014	0	10223	0	10223	871037	0	16	881276	958290

Table B.3. Weight (lb) of each species landed commercially from the Galveston Bay system, 1972-1998.

Year	Finfish										Shellfish					Grand Total
	Black drum	Flounder	Sheeps-head	Mullet	Other	Total	Shrimp			Blue Crab	Eastern Oyster	Other	Total			
							Brown and Pink	White	Other							
1972	27641	21057	27801	59542	312711	493752	1348320	2701181	0	4049501	1870124	3242557	2416	9164598	9658350	
1973	92961	9978	52817	69115	469620	694491	1301554	4154559	0	5456113	2046962	1703259	1868	9208202	9902693	
1974	27653	20031	28439	24462	478907	579492	1430520	1498466	153	2929139	1982882	836712	3779	5752512	6332004	
1975	46444	20966	31950	3042	511337	613739	621237	3087871	0	3709108	1863452	1236762	2017	6811339	7425078	
1976	47545	29344	51677	18349	450654	597569	1801925	3335189	0	5137114	1599474	3289887	11306	10037781	10635350	
1977	102175	14382	21117	3843	313633	455150	2256576	2988766	1600	5246942	1859418	1917532	3335	9027227	9482377	
1978	161887	55173	55504	1946	533184	807694	2066133	3618523	0	5684656	1920886	1076797	3528	8685867	9493561	
1979	73101	46869	72192	46427	263946	502535	1315025	1963252	0	3278277	1953742	43097	162	5275278	5777813	
1980	55999	31477	65844	2251	219843	375414	2317775	3439745	0	5757520	1749057	1004208	0	8510785	8886199	
1981	51936	20637	51376	3985	118039	245973	1991873	2655307	0	4647180	610228	985411	0	6242819	6488792	
1982	72524	197762	125942	118907	188244	703379	1646158	3459392	0	5105550	1216137	3253765	9942	9585394	10288773	
1983	53458	134968	64568	82523	155077	490594	1493414	2773657	0	4267071	1407572	6967064	2277	12643984	13134578	
1984	269046	127753	74948	50296	63748	585791	2558708	3604281	0	6162989	1396583	2360205	8340	9928117	10513908	
1985	114591	152367	50581	130550	179245	627334	1651048	2638555	0	4289603	2167937	3285112	12380	9755032	10382366	
1986	31279	137488	34354	61460	159914	424495	2043085	4108323	1452	6152860	3018610	3541048	47377	12759895	13184390	
1987	50863	222718	35094	27963	106707	443345	3091385	3811662	1441	6904488	2786933	2174865	40565	11906851	12350196	
1988	61297	47299	73893	64553	247983	495025	3454171	3085281	2889	6542341	3118874	1452365	56193	11169773	11664798	
1989	21821	14588	16189	108024	60482	221104	2249442	1806689	0	4056132	2149496	715168	13440	6934236	7155340	
1990	22338	13760	15015	91473	46036	188622	1974561	2841549	228	4816337	1908099	1166652	23285	7914373	8102995	

Table B.3. (Continued).

Year	Finfish				Shellfish				Grand Total						
	Black drum	Flounder	Sheeps-head	Mullet	Other	Total	Shrimp								
							Brown and Pink	White		Other	Total	Blue Crab	Eastern Oyster	Other	
1991	11095	19767	9564	41613	27782	109821	1344617	1789078	0	3133695	1531858	2331384	18530	7015467	7125288
1992	4930	28710	13697	21761	92826	161924	2415390	2615129	0	5030519	841691	2581127	58275	8511612	8673536
1993	11796	22664	13095	102504	37615	187674	2436614	3359485	0	5796100	1846055	2832420	20286	10494861	10682535
1994	27307	26199	12235	29213	74621	169575	3184077	3139238	0	6323315	1762088	4230787	17436	12333626	12503201
1995	27145	19437	11324	32201	129442	219549	2609456	4045725	0	6655181	1538151	4096195	11135	12300662	12520211
1996	16608	37620	36110	61712	74367	226417	3099516	4133305	0	7232821	2126126	4892240	72816	14324003	14550420
1997	13181	19464	18725	82941	67798	202109	2983983	4503273	0	7487255	1918585	3409242	30837	12845919	13048028
1998	41946	32284	27773	66921	70423	239347	3688656	3260961	4956	6954572	2615085	2969106	49986	12588749	12828096

Table B.4. Ex-vessel value (\$) of each species landed commercially from the Galveston Bay system, 1972-1998.

Year	Finfish										Shellfish					Grand Total
	Black drum	Flounder	Sheeps-head	Mullet	Other	Total	Shrimp			Blue Crab	Eastern Oyster	Other	Total			
							Brown and Pink	White	Other							
1972	7970	6184	3000	2849	51524	71527	454365	1875965	0	2330330	191653	2094463	335	4616781	4688309	
1973	12652	3734	6434	3385	107808	134012	604042	3005149	0	3609192	255094	1587159	280	5451725	5585737	
1974	3721	6716	3284	1463	110438	125623	378833	1100700	35	1479568	273301	753289	779	2506937	2632560	
1975	8774	8489	4694	627	134391	156976	184639	2075965	0	2260604	287015	957345	472	3505436	3662412	
1976	9963	13469	8817	2186	142092	176527	802008	3617944	0	4419953	268422	2704490	2566	7395431	7571958	
1977	27995	7996	4870	1039	109241	151140	1934420	2966068	320	4900808	452330	2299610	1106	7653853	7804994	
1978	48789	43421	10509	239	241470	344428	778259	4977022	0	5755281	521282	1222870	988	7500422	7844849	
1979	23313	41195	10802	4944	137222	217476	1144898	2648696	0	3793594	481814	66788	37	4342233	4559710	
1980	30073	28673	15132	474	135232	209584	2076229	4831460	0	6907690	493063	1643507	0	9044260	9253844	
1981	30857	23734	14052	233	107949	176825	1018255	3107979	0	4126233	187297	1568052	0	5881582	6058407	
1982	27285	199890	26996	12607	35205	301982	1442652	5829652	0	7272304	401458	4781383	3894	12459039	12761022	
1983	25169	125375	14092	8845	34237	207717	1503152	3935330	0	5438482	521546	9946278	1113	15907418	16115136	
1984	106887	133959	15457	5484	17328	279116	2061454	4032756	0	6094210	541803	4015272	3723	10655008	10934123	
1985	89803	158635	12498	14653	37314	312903	1324170	2964201	0	4288371	829459	5958136	6521	11082487	11395390	
1986	14806	141994	9140	7457	33028	206425	1869436	4969357	944	6839737	1028321	6956429	24693	14849180	15055605	
1987	33003	218381	9542	3133	24160	288219	2735922	4918322	642	7654886	1250721	5376953	19226	14301786	14590005	
1988	55636	55444	17790	10686	86801	226356	3837344	4185904	1478	8024726	1517493	3921794	25093	13489106	13715462	
1989	19819	17737	5085	15629	10923	69195	1333129	1923004	0	3256133	921708	2137672	8754	6324267	6393462	
1990	20030	16118	4601	20374	10597	71721	1306586	4771559	456	6078601	729516	4093490	10435	10912042	10983763	

Table B.4. (Continued).

Year	Finfish						Shellfish						Grand Total		
	Black drum	Flounder	Sheeps-head	Mullet	Other	Total	Shrimp			Blue Crab	Eastern Oyster	Other		Total	
							Brown and Pink	White	Other						
1991	5643	24676	3279	12128	12298	58024	1127469	2465051	0	3592520	535367	5967519	11446	10106853	10164877
1992	4134	36576	4813	6141	40809	92473	1823066	3665515	0	5488581	420102	4874358	31560	10814601	10907074
1993	10415	28729	4014	19396	31645	94199	1720286	4334565	0	6054851	960441	4420034	11177	11446502	11540701
1994	18621	32819	3372	11589	50810	117212	3860441	6082711	0	9943152	1009174	7247432	9776	18209534	18326746
1995	19439	24837	3270	20003	89170	156720	2440497	5784203	0	8224700	977319	7948372	6714	17157104	17313824
1996	13607	53675	10802	26743	56086	160914	3775355	7379784	0	11155139	1351359	1.101E7	38433	23557845	23718759
1997	10534	29161	5943	25499	71892	143029	4229203	8890655	0	13119858	1231965	8787110	18648	23157581	23300610
1998	36031	47631	9322	20154	66561	179698	3048489	4355682	2924	7407095	1631016	7071136	29863	16139110	16318809

Table B.5. Weight (lb) of each species landed commercially from the Matagorda Bay system, 1972-1998.

Year	Finfish										Shellfish						Grand Total
	Black drum	Flounder	Sheeps-head	Mullet	Other	Total	Shrimp			Blue Crab	Eastern Oyster	Other	Total				
							Brown and Pink White	Other	Total								
1972	36906	22156	15887	849	132205	208003	228942	1164672	0	1393614	468545	166302	189	2028650	2236653		
1973	25740	28020	6044	4555	121150	185509	1185841	2860131	0	4045972	294217	67391	745	4408325	4593834		
1974	10255	21382	4417	642	142309	179005	452867	1429128	0	1881995	601177	183007	683	2666862	2845867		
1975	12792	30204	6945	914	121476	172331	866039	792883	0	1658922	357353	366344	315	2382934	2555265		
1976	7896	26190	4453	3779	57865	100183	988152	1072107	0	2060259	200493	280087	315	2541154	2641337		
1977	17489	19184	5290	1196	73564	116723	1008551	2621280	0	3629831	211227	168605	1937	4011600	4128323		
1978	16503	19322	2257	564	43235	81881	767620	2526703	0	3294323	313509	145791	668	3754291	3836172		
1979	10150	6593	2997	270	34839	54849	2546059	2832037	0	5378096	680808	120937	14	6179855	6234704		
1980	11364	3077	2540	0	43677	60658	2059240	1538837	0	3598077	390743	333179	0	4321999	4382657		
1981	6047	553	289	18379	19514	44782	1521424	1746315	0	3267739	368089	88659	0	3724487	3769269		
1982	1541	8510	661	1335	86	12133	1757008	2113852	0	3870860	689000	270376	74	4830310	4842443		
1983	1696	13692	241	3484	761	19874	3204889	3614158	0	6819047	796690	199940	109	7815786	7835660		
1984	608	15886	749	19375	30293	66911	2851107	2890693	150	5741950	927467	448637	6860	7124914	7191825		
1985	8092	28824	5786	117938	158457	319097	2194857	2678970	2707	4876534	989229	123350	7266	5996379	6315476		
1986	8775	28671	1556	50064	8256	97322	2552763	3765573	0	6318336	1196418	383152	51067	7948973	8046295		
1987	27656	21398	616	36290	2883	88843	3877350	3182016	4051	7063417	1124372	189078	9451	8386318	8475161		
1988	2249	2916	421	0	172	5758	2452358	1861817	0	4314175	950034	521057	23388	5808654	5814412		
1989	1049	6996	1483	17	4176	13721	3161848	1181237	0	4343085	2014910	915262	20393	7293650	7307371		
1990	440	3795	1454	180	14721	20590	2866632	3328699	0	6195332	1841591	73243	8565	8118731	8139321		

Table B.5. (Continued).

Year	Finfish										Shellfish					Grand Total
	Black drum	Flounder	Sheeps-head	Mullet	Other	Total	Shrimp			Blue Crab	Eastern Oyster	Other	Total			
							Brown and Pink	White	Other							
1991	536	33023	503	28	949	35039	3777939	1508268	0	5286207	976369	25588	0	6288164	6323203	
1992	57	2614	0	611	4114	7396	2186134	2595228	9569	4790930	940304	55864	966	5788064	5795460	
1993	1489	25288	14	135	10270	37196	2602343	2044897	0	4647240	1276340	59836	679	5984095	6021291	
1994	0	16209	0	1726	13722	31657	3781856	2318870	0	6100726	870602	30326	1182	7002836	7034493	
1995	413	10842	121	5807	16720	33903	2781808	1604512	75	4386395	656550	167497	1856	5212298	5246201	
1996	5571	9517	197	2219	12017	29521	1809519	2459731	0	4269250	787189	238774	1967	5297180	5326701	
1997	1211	4181	22	2147	6752	14313	2379896	2566142	24047	4970085	963061	317332	1005	6251483	6265796	
1998	6511	515	404	3561	8259	19250	1941404	2214080	1637	4157121	898472	295234	2040	5352867	5372117	

Table B.6. Ex-vessel value (\$) of each species landed commercially from the Matagorda Bay system, 1972-1998.

Year	Finfish				Shellfish							Grand Total			
	Black drum	Flounder	Sheeps-head	Mullet	Shrimp			Blue Crab	Eastern Oyster	Other	Total				
					Total	Brown and Pink White	Other								
1972	4715	6854	1473	119	35409	48571	41037	860733	0	901770	47733	101231	34	1050768	1099339
1973	3874	11593	786	416	43592	60261	495417	2306053	0	2801469	34216	53302	119	2889106	2949367
1974	1452	8267	607	118	48016	58459	118828	1162644	0	1281472	82169	145995	149	1509785	1568244
1975	2407	13613	1134	211	49698	67063	264777	792322	0	1057099	57379	277953	79	1392509	1459572
1976	1768	13418	902	539	26541	43167	328738	1105080	0	1433817	34579	197315	72	1665783	1708950
1977	4768	12465	1237	342	40176	58988	353186	2488876	0	2842062	52248	188223	656	3083189	3142177
1978	5159	13986	643	137	27698	47623	301007	3269863	0	3570870	81465	182319	248	3834901	3882524
1979	4019	5925	581	33	28228	38786	2190101	3920485	0	6110587	180568	146205	5	6437364	6476150
1980	5605	3212	541	0	41372	50729	1663154	2622549	0	4285703	105058	495533	0	4886294	4937024
1981	3319	683	55	938	19951	24946	955878	2233389	0	3189267	95838	130347	0	3415451	3440397
1982	1213	9457	432	281	55	11439	1471574	4017104	0	5488678	209955	389589	20	6088242	6099681
1983	1312	15704	144	623	360	18143	3973045	5708136	0	9681181	245017	264756	55	10191009	10209152
1984	409	20303	297	1760	2939	25708	1933896	3852313	260	5786468	302471	732035	2493	6823468	6849176
1985	3789	33438	1865	10126	9850	59067	1389730	4015136	677	5405543	338767	198719	3879	5946907	6005975
1986	6625	34204	674	4831	819	47153	2432683	6228562	0	8661245	371888	597832	21962	9652927	9700080
1987	6792	20653	258	3340	666	31709	3540484	4203314	2683	7746481	366003	368771	2750	8484004	8515713
1988	1722	3589	207	0	130	5648	2165625	3021325	0	5186950	361712	1023267	10109	6582038	6587687
1989	465	7690	482	4	1668	10309	2662661	1803733	0	4466394	951304	1766740	10341	7194778	7205087
1990	282	4521	497	90	6479	11870	2146634	6535605	0	8682239	844342	179638	4993	9711213	9723082

Table B.6. (Continued).

Year	Finfish					Shellfish					Grand Total				
	Black drum	Flounder	Sheeps-head	Mullet	Other Total	Shrimp			Blue Crab	Eastern Oyster		Other Total			
						Brown and Pink White	Other	Total							
1991	336	32046	171	13	632	33198	3149599	3086205	0	6235804	467040	46505	0	6749349	6782547
1992	50	3786	0	1060	3257	8153	1838316	4467760	2424	6308500	462831	91097	542	6862970	6871123
1993	939	31071	6	68	11502	43585	2338524	2886136	0	5224660	709967	84274	586	6019487	6063072
1994	0	21880	0	1178	17468	40527	4662377	5346984	0	10009361	598927	45981	998	10655267	10695793
1995	365	16405	61	3143	28429	48403	2783151	2753588	35	5536774	476888	231855	1766	6247283	6295686
1996	5296	15855	108	2582	25574	49414	1740481	4530757	0	6271238	576688	503022	2021	7352969	7402383
1997	989	3942	6	2595	27680	35213	3597666	5327845	10707	8936218	710745	709364	1047	10357373	10392586
1998	7177	1332	202	4763	34885	48360	1976277	3369094	2121	5347492	643130	745290	2335	6738247	6786606

Table B.7. Weight (lb) of each species landed commercially from the East Matagorda Bay system, 1972-1998.

Year	Finfish					Shellfish					Grand Total				
	Black drum	Flounder	Sheeps-head	Mullet	Other	Total	Shrimp			Blue Crab		Eastern Oyster	Other	Total	
							Brown and Pink	White	Other						
1972	13742	1759	2271	2206	77939	97917	0	9061	0	9061	413400	49018	0	471479	569396
1973	12464	1661	4428	0	81013	99566	0	66326	0	66326	828257	11637	0	906220	1005786
1974	4436	1439	1420	0	41565	48860	0	0	0	0	358177	14227	0	372404	421264
1975	5726	9989	2743	0	46957	65415	0	0	0	0	540268	8418	0	548686	614101
1976	7602	6113	3621	1000	76673	95009	0	0	0	0	451237	2751	0	453988	548997
1977	9339	3497	2938	0	55046	70820	0	0	0	0	309699	1317	0	311016	381836
1978	9593	3103	1964	0	35008	49668	0	0	0	0	267668	578	0	268246	317914
1979	7531	791	1202	0	21698	31222	0	0	0	0	196073	26040	0	222113	253335
1980	4248	390	487	1	38138	43264	0	0	0	0	468952	2722	0	471674	514938
1981	1387	301	50	0	10239	11977	0	0	0	0	83497	27504	0	111001	122978
1982	1975	11758	1540	0	2860	18133	0	0	0	0	630153	0	0	630153	648286
1983	453	6849	264	0	326	7892	0	0	0	0	637942	17569	0	655511	663403
1984	199	2958	221	0	254	3642	0	0	0	0	317525	58317	2114	377956	381598
1985	0	44	0	0	0	44	0	0	0	0	157482	2468	0	159950	159994
1986	0	0	0	0	0	0	0	0	0	0	3000	0	0	3000	3000
1987	3011	2672	217	0	180	6080	0	0	0	0	175	1383	0	1558	7638
1988	742	778	197	0	511	2228	0	0	0	0	209583	893	235	210711	212939
1989	0	4116	0	51	1995	6162	0	0	0	0	246866	928	527	248321	254483
1990	0	365	0	0	0	365	0	1287	0	1287	15186	13143	0	29616	29981

Table B.7. (Continued).

Year	Finfish				Shellfish						Grand Total				
	Black drum	Flounder	Sheeps-head	Mullet	Other	Total	Shrimp			Blue Crab		Eastern Oyster	Other	Total	
							Brown and Pink	White	Other						
1991	0	415	2	0	0	417	0	0	0	0	302550	228	0	302778	303195
1992	0	261	2	370	223	856	0	0	0	0	133597	0	17273	150870	151726
1993	0	0	0	741	297	1038	0	0	0	0	35133	0	68	35201	36239
1994	0	285	0	3659	784	4728	0	0	0	0	32994	0	175	33169	37897
1995	0	282	0	2107	880	3269	697	0	0	697	428591	0	5376	434664	437933
1996	0	54	0	2315	118	2487	0	0	0	0	502418	3711	4096	510225	512712
1997	0	93	0	1100	1539	2732	0	0	0	0	366	71698	0	72064	74796
1998	0	94	0	219	1234	1547	0	32	0	32	99476	1698	1029	102235	103782

Table B.8. Ex-vessel value (\$) of each species landed commercially from the East Matagorda Bay system, 1972-1998.

Year	Finfish					Shellfish					Grand Total				
	Black drum	Flounder	Sheeps-head	Mullet	Other	Shrimp			Blue Crab	Eastern Oyster		Other			
						Brown and Pink White	Other	Total							
1972	1790	561	288	66	21377	24082	0	6161	0	6161	42199	31473	0	79833	103916
1973	1904	679	658	0	29639	32880	0	50950	0	50950	100831	8183	0	159963	192843
1974	649	521	195	0	14201	15565	0	0	0	0	49863	11820	0	61683	77249
1975	1068	4422	524	0	19198	25213	0	0	0	0	87211	6540	0	93751	118964
1976	1588	3016	724	100	27081	32510	0	0	0	0	78574	2163	0	80737	113247
1977	2557	2112	706	0	25576	30950	0	0	0	0	75881	1224	0	77105	108055
1978	2758	2275	551	0	22529	28112	0	0	0	0	66481	792	0	67273	95385
1979	2653	612	486	0	18125	21876	0	0	0	0	48079	38020	0	86099	107974
1980	1768	391	207	0	35543	37909	0	0	0	0	123062	3861	0	126923	164832
1981	905	342	34	0	10432	11713	0	0	0	0	23578	43804	0	67381	79094
1982	1455	10813	1087	0	2478	15833	0	0	0	0	189697	0	0	189697	205530
1983	316	8384	117	0	285	9102	0	0	0	0	157133	26985	0	184118	193220
1984	142	3189	99	0	121	3552	0	0	0	0	73935	96488	519	170941	174492
1985	0	54	0	0	0	54	0	0	0	0	37847	4221	0	42068	42122
1986	0	0	0	0	0	0	0	0	0	0	900	0	0	900	900
1987	2559	4031	54	0	27	6671	0	0	0	0	69	2294	0	2363	9035
1988	651	1362	99	0	165	2276	0	0	0	0	85108	1836	81	87025	89300
1989	0	5364	0	20	759	6143	0	0	0	0	113861	1696	159	115716	121859
1990	0	599	0	0	0	599	0	2693	0	2693	3797	35727	0	42217	42815

Table B.8. (Continued).

Year	Finfish										Shellfish					Grand Total
	Black drum	Flounder	Sheeps-head	Mullet	Other	Total	Shrimp			Blue Crab	Eastern Oyster	Other	Total			
							Brown and Pink White	Other	Total							
1991	0	716	1	0	0	717	0	0	0	0	130669	468	0	131137	131854	
1992	0	442	1	312	167	922	0	0	0	0	58459	0	9325	67784	68706	
1993	0	0	0	2310	640	2949	0	0	0	0	24593	0	42	24635	27584	
1994	0	362	0	3601	563	4526	0	0	0	0	16497	0	88	16585	21110	
1995	0	423	0	3294	1277	4994	1821	0	0	1821	305322	0	3977	311120	316114	
1996	0	60	0	2959	310	3330	0	0	0	0	382662	6825	3187	392674	396004	
1997	0	95	0	2342	940	3377	0	0	0	0	183	147936	0	148119	151496	
1998	0	94	0	714	2603	3411	0	33	0	33	65265	4074	619	69991	73402	

Table B.9. Weight (lb) of each species landed commercially from the San Antonio Bay system, 1972-1998.

Year	Finfish				Shellfish							Grand Total			
	Black drum	Flounder	Sheeps-head	Mullet	Other	Total	Shrimp			Blue Crab	Eastern Oyster		Other	Total	
							Brown and Pink	White	Other						
1972	27996	6646	13393	1800	111905	161740	88319	886270	0	974589	995493	397557	100	2367739	25299479
1973	52770	6258	15228	4600	179415	258271	323043	840655	0	1163698	859003	134534	0	2157235	2415506
1974	109699	27662	8974	0	275657	421992	67137	634634	0	701771	1124349	196622	0	2022742	2444734
1975	92071	19144	27739	9900	313991	462845	369527	774267	0	1143794	1539148	123955	0	2806897	3269742
1976	55800	23936	20539	0	280925	381200	259532	696027	0	955559	2140387	279221	0	3375167	3756367
1977	39889	15012	6523	188	140395	202007	231089	1428055	0	1659144	2181587	438391	50	4279172	4481179
1978	31040	11857	11544	574	88735	143750	685755	630176	0	1315931	1925483	560780	0	3802194	3945944
1979	8679	5083	5903	0	64837	84502	738899	952150	0	1691049	2681111	600745	0	4972905	5057407
1980	17636	10073	4851	0	143385	175945	1173386	559288	0	1732674	3011967	361303	0	5105944	5281889
1981	9887	11426	2939	30381	67049	121682	736031	587894	0	1323925	3211057	142841	0	4677623	4799305
1982	352	9226	388	0	0	9966	809548	450250	0	1259798	2310435	53925	0	3624158	3634124
1983	6694	6070	3177	215	641	16797	1094207	385703	0	1479910	2546789	635624	70	4662393	4679190
1984	7489	8437	7358	2848	8742	34874	1113827	745136	0	1858963	1423640	1937344	4287	5224234	5259108
1985	7934	14298	9576	615	3757	36180	1205250	680398	0	1885648	2987746	1500343	47290	6421027	6457207
1986	11940	10678	8456	283	2456	33813	1519625	809840	0	2329465	1715997	1627795	34634	5707891	5741704
1987	16273	25384	3995	109407	1547	156606	1830240	940009	0	2770249	4775613	93137	3479	7642478	7799084
1988	4396	31195	2093	0	2705	40389	1989771	616310	0	2606081	2741866	8927	154	5357028	5397417
1989	427	17894	1976	0	263	20560	1910911	328901	0	2239811	1476655	139844	2348	3858658	3879218
1990	34	14143	1988	0	27434	43599	1705301	1039699	0	2744999	2600358	591155	51980	5988492	6032091

Table B.9. (Continued).

Year	Finfish					Shellfish					Grand Total				
	Black drum	Flounder	Sheeps-head	Mullet	Other	Shrimp			Blue Crab	Eastern Oyster		Other			
						Brown and Pink	White	Other							
Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total					
1991	0	15473	838	0	1104	17415	1636457	1294071	0	2930528	1621734	625687	281133	5459082	5476497
1992	624	25719	416	13	2906	29678	454780	1204175	0	1658955	1913965	65067	15290	3653277	3682955
1993	597	18028	232	66	328	19251	1444107	536903	0	1981010	1730271	0	343	3711624	3730875
1994	62810	19568	2642	276	428	85724	1305419	504305	0	1809724	1097961	290779	1000	3199464	3285188
1995	78948	52490	4991	571	11108	148108	1340531	228715	0	1569246	1318442	311081	32677	3231446	3379554
1996	106114	21135	8093	605	25723	161670	1094352	179964	0	1274317	851501	421333	103863	2651014	2812684
1997	438958	18863	11703	387	3817	473728	1587324	724652	0	2311976	801114	344142	37552	3494784	3968512
1998	331516	52844	38237	60	12593	435250	651651	464327	0	1115978	1555394	35929	55394	2762695	3197945

Table B.10. Ex-vessel value (\$) of each species landed commercially from the San Antonio Bay system, 1972-1998.

Year	Finfish										Shellfish						Grand Total
	Black drum	Flounder	Sheeps-head	Mullet	Other	Total	Shrimp			Blue Crab	Eastern Oyster	Other	Total				
							Brown and Pink	White	Other								
1972	3066	2035	1443	72	31830	38445	15164	544878	0	560042	99539	218550	15	878146	916590		
1973	6907	2258	2107	270	58503	70046	134617	608203	0	742820	106190	153089	0	1002099	1072145		
1974	15720	11190	1110	0	95969	123989	16350	408548	0	424898	152447	189627	0	766972	890961		
1975	16363	8609	2532	785	122533	150822	123122	495501	0	618623	243632	127131	0	989385	1140207		
1976	13058	12319	3332	0	130172	158881	93638	526871	0	620509	389108	267512	0	1277128	1436009		
1977	9625	8966	757	38	73260	92646	74220	975470	0	1049689	506153	428621	8	1984471	2077116		
1978	9020	9332	1595	82	63089	83119	221690	613293	0	834983	504865	661879	0	2001727	2084846		
1979	3229	4831	1135	0	57783	66977	570771	1149736	0	1720507	723938	686703	0	3131148	3198125		
1980	8362	9856	1031	0	133634	152884	1028620	775524	0	1804144	802171	503256	0	3109570	3262454		
1981	5445	13066	736	1519	69713	90479	461439	537989	0	999428	797728	194684	0	1991841	2082319		
1982	194	10192	66	0	0	10451	663891	687224	0	1351116	653508	63737	0	2068361	2078812		
1983	4300	7521	679	65	212	12775	1307198	638400	0	1945597	1021105	908939	35	3875676	3888452		
1984	5754	11046	2465	885	2138	22289	881545	1017071	0	1898616	376916	2917682	1815	5195029	5217318		
1985	3796	17855	3358	282	1572	26863	619044	843141	0	1462185	957812	2239732	37152	4696881	4723744		
1986	7278	11267	2555	140	900	22139	1333413	1243937	0	2577351	570355	2774003	20148	5941856	5963996		
1987	10576	32179	1380	9861	467	54462	1670279	1294548	0	2964828	1773203	186660	396	4925086	4979548		
1988	3729	40196	716	0	1362	46003	1698376	959666	0	2658042	1056821	22308	55	3737226	3783229		
1989	328	24269	779	0	101	25477	1676827	487974	0	2164801	558162	355034	968	3078965	3104442		
1990	15	23525	898	0	18947	43385	1643308	1937089	0	3580397	906786	1410148	34058	5931388	5974773		

Table B.10. (Continued).

Year	Finfish					Shellfish							Grand Total		
	Black drum	Flounder	Sheeps-head	Mullet	Other	Shrimp			Blue Crab	Eastern Oyster	Other	Total			
						Total	Brown and Pink	White							
1991	0	24886	369	0	868	26123	1585941	1973721	0	3559662	567607	1195012	162E3	5484341	5510464
1992	414	39792	174	13	1308	41701	437636	1856224	0	2293860	750685	111540	8736	3164821	3206522
1993	263	25247	103	75	549	26235	1260980	716504	0	1977484	614652	0	174	2592310	2618545
1994	50412	30893	1261	325	734	83625	1514872	1095918	0	2610790	606428	468555	794	3686567	3770192
1995	69580	95351	2520	712	12773	180937	1338053	326179	0	1664232	928081	459653	25538	3077503	3258440
1996	84013	38418	2861	767	20973	147032	873252	309632	0	1182884	553211	689649	81845	2507589	2654621
1997	468697	33946	4168	419	8531	515760	1567014	1458346	0	3025360	414478	652613	30236	4122688	4638448
1998	330718	101854	15805	325	16626	465327	531744	657607	0	1189351	970507	86277	60661	2306797	2772124

Table B.11. Weight (lb) of each species landed commercially from the Aransas Bay system, 1972-1998.

Year	Finfish				Shellfish					Grand Total					
	Black drum	Flounder	Sheeps-head	Mullet	Shrimp										
					Other	Total	Brown and Pink	Other	Total		Blue Crab	Eastern Oyster	Other		
1972	91561	36867	18462	8074	528730	683694	137494	1261494	0	1398988	1338870	60553	0	2798411	3482105
1973	128985	19607	44186	8665	517209	718652	872186	997602	0	1869788	1272791	9940	0	3152519	3871171
1974	118308	43524	52350	3500	471798	689480	210910	448238	0	659148	1079323	9888	0	1748359	2437839
1975	118035	65520	27073	8795	500670	720093	486664	589222	0	1075886	892434	12381	0	1980701	2700794
1976	173178	89454	49203	342	835620	1147797	732643	576593	0	1309236	1318761	24158	521	2652676	3800473
1977	123441	68100	37993	2048	430746	662328	473954	1781140	0	2255094	2244568	65573	0	4565235	5227563
1978	81282	41200	33778	1870	252656	410786	659810	993356	0	1653166	2051177	119994	0	3824337	4235123
1979	24064	42414	21264	1051	185366	274159	1427626	1227415	0	2655041	2436264	96013	0	5187318	5461477
1980	36919	58005	11954	14951	251814	373643	1010885	824648	0	1835533	2716056	21588	0	4573177	4946820
1981	20618	46985	26932	3197	81037	178769	1744416	726693	0	2471109	1777297	62369	0	4310775	4489544
1982	36491	119852	59483	8851	800	225477	1916457	841457	0	2757914	2150379	51509	125	4959927	5185404
1983	51850	67796	27397	13606	4561	165210	3122304	792925	0	3915229	2508983	117119	105	6541436	6706646
1984	16790	75233	5510	0	102	97635	2789635	1747920	0	4537555	2129660	359952	2400	7029567	7127202
1985	15656	44605	11265	0	6300	77826	2551706	806467	252	3358425	2231473	216817	5080	5811795	5889621
1986	47641	90467	15980	33	3640	157761	2365073	1591075	0	3956148	936042	97126	6938	4996254	5154015
1987	46396	70065	29887	49681	2758	198787	3308913	1155994	0	4464907	1683562	433189	32432	6614090	6812877
1988	37447	27885	3917	1178	9230	79657	2789878	1050430	0	3840308	2571851	276385	175450	6863994	6943651
1989	2094	15375	165	3600	64	21298	1967067	215814	0	2182882	405087	118617	115552	2822138	2843436
1990	26170	9738	1866	6561	811	45146	3558134	1917668	0	5475802	766104	11237	118173	6371316	6416462

Table B.11. (Continued).

Year	Finfish					Shellfish					Grand Total				
	Black drum	Flounder	Sheeps-head	Mullet	Other	Total	Shrimp			Blue Crab		Eastern Oyster	Other	Total	
							Brown and Pink	White	Other						
1991	23989	33976	517	0	345	58827	4883333	2239425	0	7122758	868176	0	44322	8035256	8094083
1992	25638	40663	3954	1281	2169	73105	1572490	2726912	0	4299402	997576	0	12858	5309836	5382941
1993	64894	41338	8768	279	119	115398	2293107	1469728	0	3762835	1487417	34598	11342	5296192	5411590
1994	119471	43015	11499	167	4922	179074	3415163	568965	0	3984128	387132	29594	19449	4420303	4599377
1995	243030	74557	16683	354	9628	344252	3017457	195796	0	3213253	492426	95814	62911	3864404	4208656
1996	148427	50313	17991	397	10933	228061	2269902	278722	0	2548623	298143	30101	51717	2928584	3156645
1997	174761	58826	22681	3322	16927	276517	3103272	3410	0	3106681	337035	436678	20917	3901311	4177828
1998	184134	59806	32187	1405	31620	309152	1884476	242444	0	2126920	238411	135959	19866	2521156	2830308

Table B.12. Ex-vessel value (\$) of each species landed commercially from the Arkansas Bay system, 1972-1998.

Year	Shellfish										Grand Total				
	Finfish					Shrimp									
	Black drum	Flounder	Sheeps-head	Mullet	Other	Total	Brown and Pink	White	Other	Total		Blue Crab	Eastern Oyster	Other	Total
1972	10704	11943	1015	356	165580	189598	19256	1017152	0	1036407	135514	40146	0	1212067	1401665
1973	15072	6439	2991	460	157378	182340	320570	711900	0	1032470	147418	10323	0	1190211	1372551
1974	16674	13863	2731	210	148390	181867	54252	378785	0	433037	147627	11295	0	591960	773827
1975	22716	27131	2239	734	190481	243301	149122	495756	0	644878	148037	13743	0	806657	1049958
1976	44129	40852	4418	68	368135	457602	253140	602679	0	855820	223087	23957	78	1102941	1560542
1977	33411	40204	2653	102	234466	310837	159139	1395300	0	1554439	505795	65103	0	2125337	2436174
1978	26437	33523	2938	207	186311	249416	221431	1135804	0	1357236	567758	133734	0	2058727	2308143
1979	9093	34294	2718	105	163954	210164	1148754	1746313	0	2895067	613596	108704	0	3617366	3827530
1980	17792	43223	1575	770	252384	315743	862589	1207648	0	2070237	766160	22934	0	2859331	3175074
1981	13021	56546	6177	458	93717	169920	925332	876323	0	1801655	554601	91655	0	2447911	2617831
1982	23801	111570	16554	877	191	152993	1422765	1496130	0	2918894	615755	72485	65	3607199	3760192
1983	30275	64576	3875	1498	2982	103205	3818816	1429216	0	5248032	937183	183905	61	6369182	6472387
1984	10165	57928	1235	0	28	69355	2143509	2407353	0	4550862	608700	540826	4200	5704587	5773942
1985	12593	45194	2170	0	703	60660	1428731	1234637	144	2663511	743745	342305	6262	3755823	3816483
1986	33192	85684	3618	3	830	123326	2212768	2862736	0	5075503	341568	158265	3489	5578825	5702151
1987	34690	68358	7314	4482	612	115456	3713091	1784055	0	5497145	604311	944903	17648	7064007	7179463
1988	27511	40972	1249	193	15089	85014	2332005	1569031	0	3901036	964075	676681	89205	5630997	5716011
1989	2005	25520	48	2160	27	29760	1591759	337398	0	1929157	209121	286500	87161	2511938	2541699
1990	22835	18205	683	1371	234	43328	3137700	3595268	0	6732968	277743	42085	78026	7130822	7174150

Table B.12. (Continued).

Year	Finfish										Shellfish					Grand Total
	Black drum	Flounder	Sheeps-head	Mullet	Other	Total	Shrimp			Blue Crab	Eastern Oyster	Other	Total			
							Brown and Pink	White	Other							
1991.	16784	43940	181	0	99	61003	5195055	3876805	0	9071860	268378	0	26830	9367068	9428071	
1992	16728	63134	2030	3091	2069	87052	1773541	4242874	0	6016415	397999	0	9610	6424023	6511075	
1993	41950	74119	4307	1061	1060	122496	1879955	2050436	0	3930391	686374	53240	8128	4678133	4800630	
1994	107927	79049	5630	644	18199	211449	4287996	1309802	0	5597798	239248	36493	12852	5886391	6097840	
1995	221569	147261	8890	1543	34931	414195	3025922	392634	0	3418556	354764	148074	45950	3967344	4381539	
1996	129817	106584	9622	2061	35393	283477	1912227	645723	0	2557950	191551	50172	36096	2835768	3119246	
1997	161231	105420	12725	27968	85954	393298	4045266	9867	0	4055133	210737	903219	17139	5186228	5579526	
1998	202784	115550	15739	6644	137052	477768	1580763	494702	0	2075465	153854	375696	19444	2624459	3102226	

Table B.13. Weight (lb) of each species landed commercially from the Corpus Christi Bay system, 1972-1998.

Year	Finfish										Shellfish														
	Black drum					Sheeps-head					Mullet					Other					Total				
	Flounder	Weight	Head	Weight	Head	Weight	Head	Weight	Head	Weight	Head	Weight	Head	Weight	Head	Weight	Head	Weight	Head	Weight	Head	Blue Crab	Eastern Oyster	Other	Total
1972	102876	8496	8383	420	196594	316769	51842	324846	0	376688	70652	0	0	0	447340	764109									
1973	220175	17512	35138	15255	338300	626380	396221	873026	0	1269247	41068	0	212	1310527	1936907										
1974	201074	37985	91358	1101	415022	746540	150052	292036	0	442088	326220	0	0	768308	1514848										
1975	205685	56334	78758	1152	322229	664158	482839	461076	0	943915	125753	1050	0	1070718	1734876										
1976	161758	25725	84427	1700	280961	554571	397220	410269	0	807489	123761	0	0	931250	1485821										
1977	199848	49128	116863	73	169306	535218	738572	567956	0	1306528	102750	0	0	1409278	1944496										
1978	400845	44879	126860	0	259081	831665	910075	521680	0	1431755	9307	0	0	1441062	2272727										
1979	383315	68726	201684	34680	272046	960451	1166697	1052891	0	2219588	50498	0	116	2270202	3230653										
1980	198629	26813	251267	69790	315337	861836	1469014	400763	0	1869777	17448	0	0	1887225	2749061										
1981	58074	5880	51927	23592	188663	328136	1149681	336542	0	1486223	7723	0	0	1493946	1822082										
1982	58262	36632	43574	8568	1685	148721	708245	400062	0	1108307	141558	0	0	1249865	1398586										
1983	105884	74422	87195	0	9186	276687	1135421	466130	0	1601551	231757	0	35	1833343	2110030										
1984	64620	32236	31185	1515	1075	130631	2393305	1511141	0	3904446	76135	0	1014	3981595	4112226										
1985	29309	86770	39254	4422	18723	178478	1404056	274707	0	1678763	132786	0	78237	1889786	2068264										
1986	58969	120588	20443	358	23920	224278	993964	611059	0	1605023	877180	0	43560	2525763	2750041										
1987	105461	65419	21379	0	24710	216969	1309794	764332	0	2074126	267622	403	18302	2360453	2577422										
1988	136953	33082	59716	0	2289	232040	981943	463379	0	1445322	202774	175	37377	1685648	1917688										
1989	63773	7757	2535	0	2103	76168	895123	88119	0	983242	948543	0	29743	1961528	2037696										
1990	151628	9634	540	354	8629	170785	1976752	1344956	0	3321708	665532	35	21234	4008509	4179294										

Table B.13. (Continued).

Year	Finfish					Shellfish					Grand Total				
	Black drum	Flounder	Sheeps-head	Mullet	Other	Total	Shrimp			Blue Crab		Eastern Oyster	Other	Total	
							Brown and Pink	White	Other						
1991	112772	44831	4485	3412	17165	182665	2415302	990209	331	3405842	112180	280	6991	3525293	3707958
1992	300710	93777	11518	123	32960	439088	2441301	1238485	0	3679786	508370	0	22154	4210310	4649398
1993	282113	52161	13044	121	12898	360337	1526056	675493	0	2201549	973641	0	2216	3177406	3537743
1994	375588	66664	9369	3051	37322	491994	2007885	421509	0	2429394	153625	0	14117	2597136	3089130
1995	598421	48323	17549	1693	48201	714187	1969355	168949	0	2138304	50459	0	21354	2210117	2924304
1996	946497	64183	33079	1130	24275	1069164	997384	93033	0	1090417	20271	0	10267	1120955	2190119
1997	301513	15909	7351	605	20421	345799	1692219	12667	0	1704886	16453	0	20869	1742208	2088007
1998	316272	28416	10495	2768	9470	367421	1781220	78830	47	1860097	56780	0	14930	1931807	2299228

Table B.14. Ex-vessel value (\$) of each species landed commercially from the Corpus Christi Bay system, 1972-1998.

Year	Finfish										Shellfish					Grand Total
	Black drum	Flounder	Sheeps-head	Mullet	Other	Total	Shrimp			Blue Crab	Eastern Oyster	Other	Total			
							Brown and Pink White	Other	Total							
1972	11897	2505	420	51	59340	74213	7652	267860	0	275512	7065	0	0	282577	356791	
1973	28518	5357	1962	805	107710	144351	161261	743259	0	904520	4569	0	32	909121	1053472	
1974	34893	11183	4979	105	136863	188022	38059	296269	0	334328	44340	0	0	378668	566690	
1975	38408	20221	3937	77	127412	190054	130410	470171	0	600581	20980	1335	0	622896	812951	
1976	44543	11161	6386	205	110364	172659	172648	442337	0	614985	21409	0	0	636394	809054	
1977	59304	29919	7736	4	91430	188393	301665	442067	0	743732	25808	0	0	769540	957933	
1978	153759	35306	11977	0	178792	379833	395437	692600	0	1088038	2137	0	0	1090174	1470007	
1979	165489	55658	25873	2562	199250	448833	1040519	1646613	0	2687133	10907	0	23	2698063	3146896	
1980	108898	21889	29992	5029	302718	468525	1199080	592841	0	1791921	7819	0	0	1799740	2268265	
1981	34387	5938	7860	2118	199312	249616	788033	439698	0	1227731	3850	0	0	1231581	1481197	
1982	39150	35720	10638	728	849	87086	620283	696440	0	1316723	43920	0	0	1360643	1447728	
1983	68644	72870	22966	0	1552	166032	1419771	896635	0	2316407	93369	0	18	2409793	2575825	
1984	39855	30909	5985	169	246	77165	1935025	1989798	0	3924824	27079	0	507	3952409	4029574	
1985	23813	82569	7756	444	3263	117845	1016135	366653	0	1382788	44889	0	59735	1487411	1605256	
1986	36612	108600	4764	45	5808	155830	1146130	904608	0	2050737	273693	0	29259	2353689	2509519	
1987	61085	62060	5479	0	8284	136908	1710235	1193495	0	2903730	102021	1449	8309	3015509	3152416	
1988	119231	40652	17647	0	1374	178904	1025838	629518	0	1655356	80745	500	22318	1758919	1937823	
1989	70311	11863	1007	0	1734	84916	897135	132617	0	1029752	384931	0	19314	1433997	1518913	
1990	214047	16226	254	237	7093	237858	1832124	2478623	0	4310747	310237	40	14294	4635317	4873175	

Table B.14. (Continued).

Year	Finfish					Shellfish					Grand Total				
	Black drum	Flounder	Sheeps-head	Mullet	Other Total	Shrimp			Blue Crab	Eastern Oyster		Other Total			
						Brown and Pink	White	Other							
1991	129487	62426	1733	853	15336	209834	2730046	1795222	215	4525483	46555	1152	3935	4577125	4786959
1992	291765	118554	5757	281	26169	442525	3117212	2185973	0	5303185	252450	0	17163	5572797	6015323
1993	250286	94345	5715	291	13586	364222	1522693	978785	0	2501478	566315	0	1857	3069651	3433873
1994	339091	128959	4310	5601	48228	526190	3023349	1022606	0	4045955	125230	0	11940	4183125	4709315
1995	573274	92773	9412	4800	75523	755783	2347943	344769	0	2692712	45567	0	18278	2756558	3512340
1996	910277	131020	14828	3245	30177	1089547	1123773	230475	0	1354248	14438	0	8033	1376720	2466267
1997	293315	28943	3564	1934	48516	376271	2588655	38334	0	2626989	9671	0	17896	2654556	3030827
1998	353827	63524	5358	5377	38484	466571	1912972	160780	38	2073790	42111	0	13730	2129631	2596202

Table B.15. Weight (lb) of each species landed commercially from the upper Laguna Madre system, 1972-1998.

Year	Finfish				Shellfish							Grand Total			
	Black drum	Flounder	Sheeps-head	Mullet	Other	Total	Shrimp			Blue Crab	Eastern Oyster		Other	Total	
							Brown and Pink	White	Other						
1972	493569	10284	50681	662	520016	1075212	1610	10010	0	11620	4166	0	0	15786	1090998
1973	356228	2075	35112	680	448982	843077	401618	37770	0	439388	986	0	73	440447	1283524
1974	498034	9338	81502	421	740444	1329739	0	0	0	0	2002	0	0	2002	1331741
1975	310233	9037	56327	6313	824877	1206787	0	0	0	0	8904	0	0	8904	1215691
1976	612140	6316	72032	2871	646572	1339931	0	0	0	0	815	0	0	815	1340746
1977	519296	5205	41537	495	320906	887439	0	0	0	0	126811	0	0	126811	1014250
1978	558383	4166	24681	2337	203401	792968	0	0	0	0	159517	0	0	159517	952485
1979	562558	3362	31619	0	222913	820452	0	0	0	0	26911	0	0	26911	847363
1980	512336	8559	46722	0	449003	1016620	0	0	0	0	6688	0	0	6688	1023308
1981	343717	5031	35306	2	267415	651471	0	0	0	0	0	0	0	0	651471
1982	778749	21881	60695	0	312	861637	0	0	0	0	8913	0	0	8913	870550
1983	1021586	50078	80860	0	745	1153269	0	0	0	0	12290	0	0	12290	1165559
1984	373819	28287	43586	0	1569	447261	0	0	0	0	19727	0	0	19727	466988
1985	284762	17998	36410	0	2098	341268	171060	1266	0	172326	92515	0	400	265241	606509
1986	293320	24618	27383	0	2080	347401	80975	171	0	81146	76286	0	310	157742	505143
1987	335407	10847	5152	0	677	352083	240689	644	0	241333	179427	0	165	420925	773008
1988	207426	4993	4810	0	1868	219097	268061	2929	0	270990	102815	438	96	374339	593436
1989	221250	473	502	0	86	222311	68651	0	0	68651	10332	263	213	79459	301770
1990	218050	918	497	0	201	219666	7053	19992	0	27046	25767	0	3	52816	272482

Table B.15. (Continued).

Year	Finfish					Shellfish					Grand Total				
	Black drum	Flounder	Sheeps-head	Mullet	Other	Total	Shrimp			Blue Crab		Eastern Oyster	Other	Total	
							Brown and Pink	White	Other						
1991	181907	4339	253	0	0	186499	36254	0	0	36254	3651	0	32	39937	226436
1992	197545	2326	11	37	66	199985	175182	300	0	175483	472643	0	0	648126	848111
1993	230234	912	0	88	0	231234	74224	7235	0	81459	63156	0	93	144708	375942
1994	587836	532	345	1238	371	590322	258292	11598	0	269890	69367	0	173	339430	929752
1995	1326657	1129	590	931	992	1330299	11386	75	0	11461	7431	0	217	19109	1349408
1996	2016540	357	4853	721	2341	2024812	39640	1217	0	40856	23395	0	60	64311	2089123
1997	1226086	1652	133	248	206	1228325	8898	245	0	9143	107	0	45	9295	1237620
1998	1363380	535	1279	459	52	1365705	54230	1814	0	56044	3935	0	0	59979	1425684

Table B.16. Ex-vessel value (\$) of each species landed commercially from the upper Laguna Madre system, 1972-1998.

Year	Finfish					Shellfish							Grand Total		
	Black drum	Flounder	Sheeps-head	Mullet	Other	Total	Shrimp			Blue Crab	Eastern Oyster	Other		Total	
							Brown and Pink	White	Other						
1972	62999	2866	2803	61	154183	222913	177	10190	0	10367	427	0	0	10794	233707
1973	48924	628	1932	76	155321	206880	136554	31895	0	168449	99	0	22	168570	375450
1974	101181	3221	4427	29	248767	357625	0	0	0	0	277	0	0	277	357902
1975	66594	3751	4091	696	329056	404188	0	0	0	0	1529	0	0	1529	405717
1976	166606	3091	6073	408	303910	480089	0	0	0	0	177	0	0	177	480266
1977	165428	3272	3130	50	186770	358650	0	0	0	0	28854	0	0	28854	387504
1978	229314	3432	2831	210	163276	399062	0	0	0	0	45689	0	0	45689	444751
1979	244453	3312	5231	0	206270	459266	0	0	0	0	6836	0	0	6836	466102
1980	265969	6422	7905	0	411735	692032	0	0	0	0	2704	0	0	2704	694736
1981	199135	5602	7457	0	293588	505782	0	0	0	0	0	0	0	0	505782
1982	535025	24168	16934	0	351	576477	0	0	0	0	3832	0	0	3832	580309
1983	708864	53945	22016	0	1063	785887	0	0	0	0	6073	0	0	6073	791960
1984	195672	27576	7706	0	777	231731	0	0	0	0	8056	0	0	8056	239786
1985	164454	18347	7320	0	1816	191937	107763	1313	0	109076	30882	0	200	140158	332095
1986	218248	24088	7752	0	1976	252064	95766	198	0	95964	26273	0	155	122393	374456
1987	282555	9909	1678	0	178	294321	350840	1317	0	352158	74901	0	58	427116	721437
1988	181025	7536	2082	0	2147	192789	298947	4023	0	302971	42507	1250	67	346795	539584
1989	224635	928	311	0	55	225928	75313	0	0	75313	5693	720	100	81826	307754
1990	241716	2007	255	0	262	244239	11842	27500	0	39342	13268	0	3	52613	296852

Table B.16. (Continued).

Year	Finfish				Shellfish							Grand Total			
	Black drum	Flounder	Sheeps-head	Mullet	Other	Total	Shrimp			Blue Crab	Eastern Oyster		Other	Total	
							Brown and Pink White	Other	Total						
1991	194137	8223	124	0	0	202483	42985	0	0	42985	2529	0	28	45542	248025
1992	175201	4432	6	45	48	179732	251689	896	0	252585	236238	0	0	488823	668554
1993	170139	1641	0	185	0	171964	91822	12426	0	104248	41333	0	85	145667	317631
1994	478647	1009	199	2580	159	482592	428616	29886	0	458502	35974	0	173	494649	977241
1995	1133148	2560	339	2145	694	1138887	22715	144	0	22859	5925	0	126	28911	1167798
1996	1921232	893	3246	1715	2353	1929439	35462	1887	0	37349	16503	0	48	53900	1983340
1997	1014964	2904	107	560	110	1018645	14711	953	0	15664	160	0	45	15869	1034515
1998	1442452	756	757	1200	61	1445227	55773	4420	0	60193	2294	0	0	62487	1507714

Table B.17. Weight (lb) of each species landed commercially from the lower Laguna Madre system, 1972-1998.

Year	Finfish										Shellfish					Grand Total
	Black drum	Flounder	Sheeps-head	Mullet	Other	Total	Shrimp			Blue Crab	Eastern Oyster	Other	Total			
							Brown and Pink	White	Other							
1972	280428	14612	19032	0	960232	1274304	0	0	0	0	0	1190	0	1190	1275494	
1973	252439	7595	13623	2800	1107876	1384333	0	0	0	0	11593	486	0	12079	1396412	
1974	319978	26301	27821	341	1196897	1571338	0	0	0	0	12700	3264	0	15964	1587302	
1975	317499	27549	40155	4000	1314806	1704009	0	0	0	0	3500	7124	0	10624	1714633	
1976	932614	43817	39326	2150	1310104	2328011	0	0	0	0	298952	4591	0	303543	2631554	
1977	378258	35255	27603	0	919099	1360215	0	0	0	0	975244	9066	0	984310	2344525	
1978	492760	12552	60371	824	770241	1336748	0	0	0	0	196070	3071	64	199205	1535953	
1979	434749	32867	45826	0	711873	1225315	0	0	0	0	122279	1963	0	124242	1349557	
1980	210016	11334	82148	269	716138	1019905	0	0	0	0	518342	15494	0	533836	1553741	
1981	157654	10855	24770	5700	525901	724880	0	0	0	0	815087	0	0	815087	1539967	
1982	274561	33825	11273	0	1955	321614	0	0	0	0	747180	3572	0	750752	1072366	
1983	238784	44935	8089	126	13063	304997	0	0	0	0	479092	3433	0	482525	787522	
1984	136526	10082	2917	0	58	149583	0	0	0	0	355207	3276	0	358483	508066	
1985	171176	22383	2567	0	5884	202010	0	0	0	0	258041	5847	2840	266728	468738	
1986	120296	78686	2632	39	11253	212906	0	0	0	0	229754	123	0	229877	442783	
1987	177004	60677	1919	0	972	240572	0	0	0	0	206519	4081	1792	212392	452964	
1988	79884	58817	2658	0	15870	157229	0	0	0	0	700	9069	0	9769	166998	
1989	296370	31146	988	0	4634	333138	0	0	0	0	1403	84491	0	85894	419032	
1990	256313	28831	3493	0	15402	304039	337	0	0	337	977	5200	0	6514	310553	

Table B.17. (Continued).

Year	Finfish				Shellfish						Grand Total				
	Black drum	Flounder	Sheeps-head	Mullet	Other	Total	Shrimp			Blue Crab		Eastern Oyster	Other	Total	
							Brown and Pink	White	Other						
1991	332629	79418	7768	0	2319	422134	0	0	0	0	13029	5059	544	18632	440766
1992	281723	56744	1151	1337	23840	364795	0	0	0	0	53511	3624	837	57972	422767
1993	236063	27771	478	4061	18185	286558	0	0	0	0	327	0	1146	1473	288031
1994	594659	20054	2469	6233	6365	629780	0	0	0	0	2724	0	735	3459	633239
1995	511894	30886	1449	7962	2568	554759	0	0	0	0	12484	0	1588	14072	568831
1996	952912	20496	2056	5343	1007	981814	0	0	0	0	6558	0	1530	8088	989902
1997	619000	12215	1789	8307	621	641932	0	0	0	0	5792	0	2062	7854	649786
1998	430986	41235	6431	8592	3833	491077	0	0	0	0	246704	0	4523	251227	742304

Table B.18. Ex-vessel value (\$) of each species landed commercially from the lower Laguna Madre system, 1972-1998.

Year	Finfish					Shellfish							Grand Total		
	Black drum	Flounder	Sheeps-head	Mullet	Other	Total	Shrimp			Blue Crab	Eastern Oyster	Other		Total	
							Brown and Pink White	Other	Total						
1972	26777	3490	1029	0	232138	263434	0	0	0	0	0	710	0	710	264143
1973	27987	2068	936	140	312990	344120	0	0	0	0	1232	498	0	1730	345850
1974	39015	6833	1620	28	342867	390365	0	0	0	0	1778	3755	0	5533	395898
1975	44416	9035	2715	360	422812	479339	0	0	0	0	595	8000	0	8595	487934
1976	211200	16055	3262	208	511301	742026	0	0	0	0	72227	4767	0	76994	819020
1977	84438	16293	2140	0	428088	530960	0	0	0	0	239521	8956	0	248477	779436
1978	125472	7677	6516	49	485987	625702	0	0	0	0	50571	4010	10	54590	680292
1979	141055	27729	4953	0	564040	737777	0	0	0	0	30799	2235	0	33034	770811
1980	98196	8799	8569	13	644238	759816	0	0	0	0	130943	23234	0	154177	913992
1981	86387	11610	3882	570	600866	703314	0	0	0	0	234289	0	0	234289	937603
1982	145355	37162	2013	0	361	184892	0	0	0	0	212256	6531	0	218787	403679
1983	126295	45582	1108	57	3543	176585	0	0	0	0	183548	5796	0	189344	365929
1984	80979	10316	604	0	37	91938	0	0	0	0	102232	6415	0	108647	200584
1985	122414	24368	672	0	3542	150995	0	0	0	0	86400	11732	4080	102212	253206
1986	85440	77733	682	10	11428	175294	0	0	0	0	68675	231	0	68906	244199
1987	100984	59353	604	0	438	161379	0	0	0	0	53317	8446	2165	63928	225307
1988	54606	86594	665	0	20168	162032	0	0	0	0	734	21545	0	22279	184311
1989	153078	32544	255	0	2733	188610	0	0	0	0	869	343604	0	344473	533084
1990	103334	32236	1254	0	7529	144352	590	0	0	590	689	16197	0	17475	161827

Table B.18. (Continued).

Year	Finfish				Shellfish						Grand Total			
	Black drum	Flounder	Sheeps-head	Mullet	Shrimp			Blue Crab	Eastern Oyster	Other				
					Other	Total	Brown and Pink							
					White	and Pink	Total							
1991	163571	68967	1414	0	1109	235061	0	0	0	4638	12618	283	17539	252600
1992	158832	58054	212	1308	14578	232986	0	0	0	22955	8880	374	32209	265195
1993	165567	42495	210	4061	12987	225319	0	0	0	212	0	1030	1242	226561
1994	419462	37006	1404	8359	5038	471269	0	0	0	1939	0	848	2787	474056
1995	380058	40201	579	11298	2482	434617	0	0	0	12044	0	1492	13535	448152
1996	758347	39120	1003	9947	917	809336	0	0	0	6596	0	1444	8039	817375
1997	412397	26536	979	11933	996	452842	0	0	0	5545	0	1424	6969	459811
1998	429769	89695	2525	13871	4838	540697	0	0	0	167081	0	2973	170053	710750

Appendix C. Weight (lb) and ex-vessel value (\$), by grid zone, of commercial finfish and shellfish, except shrimp, landings from the Gulf of Mexico off Texas, 1972-1998.

Table C.1. Weight (lb) of each species, except shrimp, landed commercially from the Gulf of Mexico grid zone 17.0 during 1972-1998.

Year	Finfish										Shellfish			Grand Total
	Black drum	Flounder	Sheeps-head	Mullet	Cobia	Grouper	Snapper	Other	Total	Blue crab	Other	Total		
													Total	
1972	8648	20354	22442	0	0	15729	111241	56931	235345	0	0	0	235345	
1973	4594	16800	9662	0	0	8566	88998	34586	163206	93037	0	93037	256243	
1974	3550	22859	14219	0	0	6825	52636	48171	148260	0	0	0	148260	
1975	9047	15638	7034	0	0	2669	23008	40407	97803	1382	0	1382	99185	
1976	2349	13498	2835	0	0	150	29209	20116	68157	501	0	501	68658	
1977	5810	2888	1615	0	200	629	36211	9105	56458	0	0	0	56458	
1978	20455	2539	143	0	0	0	1546	3480	28163	1268	13	1281	29444	
1979	114	1176	587	0	0	0	3222	3772	8871	100	0	100	8971	
1980	113	3619	471	0	0	582	825	4679	10289	3149	0	3149	13438	
1981	71	2816	532	619	0	4	235	2485	6762	5860	0	5860	12622	
1982	62	4010	1450	0	0	0	0	2131	7653	2555	114	2669	10322	
1983	247	3715	474	0	0	0	5549	2441	12426	5355	150	5505	17931	
1984	307	4112	171	0	0	199	6102	966	11857	962	200	1162	13019	
1985	20	9021	194	0	0	14515	17193	8064	49007	2211	71	2282	51289	
1986	1735	15135	2721	0	337	26573	107410	24940	178851	29910	5467	35377	214228	
1987	49541	30645	12525	0	766	5203	63586	27413	189679	19365	4720	24085	213764	
1988	161158	19457	4566	0	275	46827	35649	527142	795074	33424	6188	39612	834686	
1989	374	9490	1312	0	475	5553	22588	125483	165275	32742	5747	38489	203764	
1990	2755	12772	161	0	1931	643	19722	25553	63537	26727	3370	30097	93634	

Table C.1. (Continued).

Year	Finfish										Shellfish			Grand Total
	Black drum	Flounder	Sheeps-head	Mullet	Cobia	Grouper	Snapper	Other	Total	Blue crab	Other	Total		
	1991	68	2902	431	8273	134	569	17966	6978	37321	9574	307	9881	
1992	185	4331	209	5154	177	200	42504	2693	55453	7257	37	7294	62747	
1993	96	1605	140	3301	0	0	44253	7094	56489	2111	48	2159	58648	
1994 ¹	15	1484	19	100	0	0	26647	2036	30301	29033	506	29539	59840	
1995	0	2608	0	168	126	0	4656	2747	10305	0	1478	1478	11783	
1996	0	832	0	0	0	0	10495	4754	16081	275	479	754	16835	
1997	0	336	0	249	0	0	9906	3187	13678	3602	1387	4989	18667	
1998	0	531	0	50	0	0	48	1340	1969	2470	369	2839	4808	

Table C.2. Ex-vessel value (\$) of each species, except shrimp, landed commercially from the Gulf of Mexico grid zone 17.0 during 1972-1998.

Year	Finfish										Shellfish			Grand Total
	Black drum	Flounder	Sheeps-head	Mullet	Cobia	Grouper	Snapper	Other	Total	Blue crab	Other	Total		
													Total	
1972	1141	5809	2330	0	0	1988	51966	11119	74354	0	0	0	74354	
1973	583	5808	1119	0	0	1222	46982	9531	65244	8954	0	8954	74198	
1974	496	7088	1618	0	0	914	30560	12456	53133	0	0	0	53133	
1975	1407	5986	995	0	0	395	14352	11600	34734	166	0	166	34900	
1976	436	5250	494	0	0	23	24103	5817	36123	60	0	60	36183	
1977	1558	1529	332	0	50	159	32953	3099	39679	0	0	0	39679	
1978	4091	1222	17	0	0	0	1726	831	7886	159	3	162	8048	
1979	23	621	139	0	0	0	4280	4025	9088	30	0	30	9118	
1980	16	2238	53	0	0	262	1170	756	4495	694	0	694	5190	
1981	17	1562	141	71	0	1	458	481	2732	1519	0	1519	4252	
1982	20	2237	302	0	0	0	0	357	2916	741	46	787	3703	
1983	70	2225	106	0	0	0	9062	377	11840	2545	60	2605	14444	
1984	94	3314	37	0	0	328	11050	170	14993	333	140	473	15466	
1985	5	7180	49	0	0	21107	33145	4222	65706	887	27	915	66621	
1986	1158	12125	861	0	235	36456	209631	16227	276692	15374	3137	18510	295203	
1987	36173	26224	4002	0	669	7909	119165	11606	205748	7884	2088	9973	215720	
1988	77572	17514	2096	0	275	58508	70397	734156	960518	14682	3008	17690	978207	
1989	396	8735	516	0	434	6612	47807	258584	323085	16136	1679	17815	340900	
1990	2455	14096	61	0	1791	1013	39766	8351	67533	14243	1764	16007	83541	

Table C.2. (Continued).

Year	Finfish										Shellfish			Grand Total
	Black drum	Flounder	Sheeps-head	Mullet	Cobia	Grouper	Snapper	Other	Total	Blue crab	Other	Total		
1991	17	2695	164	2482	124	981	36832	2164	45458	3949	179	4128	49586	
1992	81	4364	100	1446	188	312	80794	815	88100	3827	37	3863	91963	
1993	29	1370	40	926	0	0	76397	4447	83208	1163	60	1223	84431	
1994	5	1496	6	50	0	0	47533	550	49639	26802	284	27085	76724	
1995	0	2258	0	84	164	0	9234	998	12738	0	736	736	13473	
1996	0	798	0	0	0	0	17113	1510	19421	110	272	382	19803	
1997	0	377	0	125	0	0	20256	1053	21810	2416	739	3155	24966	
1998	0	641	0	25	0	0	92	418	1176	2039	215	2254	3430	

Table C.3. Weight (lb) of each species, except shrimp, landed commercially from the Gulf of Mexico grid zone 18.0 during 1972-1998.

Year	Finfish										Shellfish			Grand Total
	Black drum	Flounder	Sheeps-head	Mullet	Cobia	Grouper	Snapper	Other	Total	Blue crab	Other	Total		
													Total	
1972	24214	106855	50831	8747	18509	17916	138002	325982	691056	14405	2462	16867	707923	
1973	18278	83295	29712	10403	14717	22056	104610	587785	870856	75010	904	75914	946770	
1974	9460	89370	40897	38735	12511	21612	152343	360570	725498	39804	10134	49938	775436	
1975	7992	67940	26598	527	17807	20999	111594	348137	601594	37960	3630	41590	643184	
1976	12269	68404	33715	225	17651	20945	110194	318080	581483	19771	4941	24712	606195	
1977	28861	55084	24444	535	13865	8158	97198	267071	495216	11038	7813	18851	514067	
1978	4955	32429	8924	1340	10124	17470	100449	123241	298932	502	11164	11666	310598	
1979	14324	20653	17147	2753	5629	7020	62133	189101	318760	417	577	994	319754	
1980	7181	35081	4856	1076	1700	13957	58750	73282	195883	485	0	485	196368	
1981	4900	16644	6657	9701	8289	4796	21231	25944	98162	519	0	519	98681	
1982	4683	56556	15794	3204	15532	10477	97911	33332	237489	121	1310	1431	238920	
1983	2137	37650	2264	19922	6997	6876	97665	14115	187626	26709	1288	27997	215623	
1984	3048	32968	7403	9350	5542	5822	50802	17010	131945	26378	13380	39758	171703	
1985	5452	27510	8062	39653	1097	14389	104567	65428	266158	21566	7031	28597	294755	
1986	2132	19608	7013	3621	6260	30075	314680	139110	522499	40587	3656	44243	566742	
1987	2269	6296	8200	710	1964	172058	294123	251351	736971	2816	6989	9805	746776	
1988	1135	1748	2175	0	757	169093	180803	135070	490781	8126	618	8744	499525	
1989	118	7747	3010	2498	1977	90066	173502	153270	432188	553451	52	553503	985691	
1990	89	5438	100	30	421	24783	143628	55766	230255	5447	1182	6629	236884	

Table C.3. (Continued).

Year	Finfish										Shellfish			Grand Total
	Black drum	Flounder	Sheeps-head	Mullet	Cobia	Grouper	Snapper	Other	Total	Blue crab	Other	Total		
													Total	
1991	626	7704	427	10232	500	19343	112694	16350	167876	806	2251	3057	170933	
1992	9597	10392	40	6953	5484	56931	564899	486978	1141274	119	3594	3713	1144987	
1993	0	5462	46	16479	9107	97174	817325	390866	1336459	34	886	920	1337379	
1994	2	9619	109	660	5630	57095	588181	435076	1096372	927	375	1302	1097674	
1995	281	13792	313	768	4800	68942	661761	800100	1550757	261	3476	3737	1554494	
1996	561	6794	243	758	7549	28444	1059008	763002	1866359	2490	2007	4497	1870856	
1997	0	2776	0	123	6121	30221	1415222	758195	2212658	0	2275	2275	2214933	
1998	15739	1321	328	347	6579	65674	1068611	677715	1836314	4133	289	4422	1840736	

Table C.4. Ex-vessel value (\$) of each species, except shrimp, landed commercially from the Gulf of Mexico grid zone 18.0 during 1972-1998.

Year	Finfish										Shellfish			Grand Total
	Black drum	Flounder	Sheeps-head	Mullet	Cobia	Grouper	Snapper	Other	Total	Blue crab	Other	Total		
1972	2883	29901	4890	467	2287	2221	67045	55107	164802	1141	348	1489	166291	
1973	2384	29202	3679	559	2236	3313	56653	169304	267329	13404	138	13542	280871	
1974	1212	28669	4724	2133	2154	3231	96378	73427	211927	3455	1672	5127	217054	
1975	1431	24339	3440	102	3506	3810	75135	105837	217599	4366	771	5137	222737	
1976	2162	31275	5232	36	3621	4102	87926	107462	241817	2566	1291	3858	245675	
1977	6143	28294	4440	120	3485	1908	85615	99989	229994	2199	2219	4417	234411	
1978	1096	18076	1413	536	3379	4369	94225	41957	165051	91	3189	3280	168331	
1979	5221	13945	3082	445	2361	2838	74382	97241	199514	146	179	325	199839	
1980	1630	24686	1057	164	881	5504	78031	53889	165842	118	0	118	165959	
1981	1044	11550	1324	1233	4354	2536	28410	14844	65297	208	0	208	65505	
1982	1905	48193	4289	486	9066	5367	168972	7810	246088	48	558	606	246694	
1983	885	23658	619	3224	4925	4178	144161	3676	185325	7188	501	7689	193014	
1984	1099	22016	1698	1183	3384	4279	85622	8353	127634	6616	4769	11385	139020	
1985	3281	24838	1892	5387	642	10605	183406	45492	275544	5848	3678	9526	285070	
1986	1144	15162	2042	573	4173	38887	567374	195470	824824	12806	1708	14514	839339	
1987	692	6035	2703	113	1533	231745	560635	471118	1274573	938	2792	3729	1278303	
1988	431	2311	774	0	578	285690	401660	116484	807929	3824	210	4033	811962	
1989	56	8808	753	345	1682	149580	398581	163551	723355	262008	24	262032	985387	
1990	29	5364	32	12	426	42436	302494	51377	402170	3125	430	3556	405726	

Table C.4. (Continued).

Year	Finfish							Shellfish			Grand Total		
	Black drum	Flounder	Sheeps-head	Mullet	Cobia	Grouper	Snapper	Other	Total	Blue crab		Other	Total
1991	350	7806	190	1702	632	33158	236556	15112	295506	370	768	1139	296644
1992	5592	11790	10	626	5239	90932	985115	614710	1714014	34	1872	1907	1715920
1993	0	5745	23	1895	8475	163521	1494430	362399	2036489	17	578	595	2037083
1994	1	12116	32	660	5391	104107	1143081	536273	1801661	388	287	675	1802336
1995	272	26774	88	469	5301	124396	1233702	920394	2311397	99	1783	1881	2313278
1996	407	8095	36	568	8595	55303	1979114	903815	2955933	390	1394	1785	2957718
1997	0	3195	0	64	5496	56231	2303393	923014	3291393	0	996	996	3292389
1998	13331	1547	163	986	6228	137221	2173507	716045	3049029	1447	145	1591	3050620

Table C.5. Weight (lb) of each species, except shrimp, landed commercially from the Gulf of Mexico grid zone 19.0 during 1972-1998.

Year	Finfish										Shellfish			Grand Total
	Black drum	Flounder	Sheeps-head	Mullet	Cobia	Grouper	Snapper	Other	Total	Blue crab	Other	Total		
													Total	
1972	10274	99502	8240	3000	4089	10048	239890	100327	475370	0	199	199	475569	
1973	22703	93619	9973	38274	519	23865	206663	295491	691107	0	1555	1555	692662	
1974	13966	101183	5185	15966	7491	13826	173127	263607	594351	156	344	500	594851	
1975	4686	89944	4378	1566	7487	12549	134793	138587	393990	0	555	555	394545	
1976	21860	65359	7678	17424	8741	15340	134083	92422	362907	0	1133	1133	364040	
1977	10039	33124	1953	239	4142	3538	57780	24557	135372	137	532	669	136041	
1978	4464	6646	663	577	3236	10972	69671	7143	103372	0	50	50	103422	
1979	8555	1208	1969	26066	2045	2698	41243	55955	139739	0	0	0	139739	
1980	591	2265	1700	3330	540	5214	70449	17191	101280	0	0	0	101280	
1981	1356	609	102	0	5414	10848	49586	13852	81767	0	0	0	81767	
1982	470	19412	848	0	8578	29583	153504	9057	221452	0	0	0	221452	
1983	3042	25268	691	72	10200	22364	81760	20768	164165	2611	2128	4739	168904	
1984	1204	24865	403	420	6374	13258	134083	68331	248938	0	4151	4151	253089	
1985	2544	17593	772	0	2861	117476	116553	162669	420468	7216	4725	11941	432409	
1986	893	4375	118	0	1263	40971	80065	122677	250362	6000	2816	8816	259178	
1987	1297	24006	43	0	4561	14571	44147	37504	126129	14409	1767	16176	142305	
1988	3307	28861	1035	671	2470	148631	185730	147817	518522	43563	3250	46813	565335	
1989	2022	30440	982	202	5724	101148	116428	93976	350922	1857	3636	5493	356415	
1990	4676	38353	1007	132	6060	39625	118803	49594	258250	283	5270	5553	263803	

Table C.5. (Continued).

Year	Finfish										Shellfish			Grand Total
	Black drum	Flounder	Sheeps-head	Mullet	Cobia	Grouper	Snapper	Other	Total	Blue crab	Other	Total		
1991	259	26121	619	70	5907	28902	71473	27858	161209	0	2067	2067	163276	
1992	5235	25223	184	0	1266	26176	126496	24842	209422	0	5096	5096	214518	
1993	89	12143	531	511	141	16841	205248	7253	242757	400	1673	2073	244830	
1994	0	1647	0	47	0	4403	106057	5108	117262	0	2484	2484	119746	
1995	1941	641	1073	0	48	16925	201539	15770	237937	828	371	1199	239136	
1996	7876	945	0	95	63	16445	294831	23096	343351	621	949	1570	344921	
1997	0	1279	2865	30	60	21907	352152	15134	393427	21707	813	22520	415947	
1998	10	3347	36	639	4853	41724	399309	31791	481709	48	1916	1964	483673	

Table C.6. Ex-vessel value (\$) of each species, except shrimp, landed commercially from the Gulf of Mexico grid zone 19.0 during 1972-1998.

Year	Finfish										Shellfish			Grand Total
	Black drum	Flounder	Sheeps-head	Mullet	Cobia	Grouper	Snapper	Other	Total	Blue crab	Other	Total		
													Total	
1972	1234	27494	942	150	342	1353	107237	25353	164105	0	31	31	164136	
1973	2899	25653	1219	2108	69	4093	111256	65614	212912	0	191	191	213103	
1974	1907	28100	515	1073	837	1693	93218	55482	182824	19	69	88	182911	
1975	737	29590	537	111	1192	2054	74542	26981	135744	0	97	97	135841	
1976	4560	19055	1000	1415	1323	3588	82462	23571	136974	0	308	308	137282	
1977	1951	16541	340	26	981	1070	39625	11471	72005	29	113	142	72146	
1978	1022	3452	33	76	922	2174	63696	3894	75269	0	13	13	75282	
1979	2993	658	289	2002	461	746	43731	39865	90743	0	0	0	90743	
1980	380	1999	243	500	260	2418	114452	13087	133339	0	0	0	133339	
1981	285	563	34	0	2928	5182	74469	15523	98984	0	0	0	98984	
1982	94	18459	186	0	4020	17093	271641	5576	317069	0	0	0	317069	
1983	1654	18931	88	18	5267	22820	119929	6230	174938	640	1009	1649	176587	
1984	663	17432	96	188	4835	11957	242155	22956	300282	0	2854	2854	303136	
1985	894	13455	61	0	1674	105342	220532	131010	472968	1798	4069	5868	478835	
1986	424	3717	41	0	805	34533	137600	221636	398756	2050	769	2819	401575	
1987	708	21501	12	0	2872	15590	67449	20603	128735	3602	511	4114	132849	
1988	4634	25786	249	186	1803	202086	343854	129605	708202	12981	857	13838	722040	
1989	1564	36508	255	30	5070	132304	231038	78388	485158	1102	1620	2722	487880	
1990	3296	41142	258	130	5931	57751	221072	34204	363783	57	1724	1781	365564	

Table C.6. (Continued).

Year	Finfish										Shellfish			Grand Total
	Black drum	Flounder	Sheeps-head	Mullet	Cobia	Grouper	Snapper	Other	Total	Blue crab	Other	Total		
1991	114	33606	168	52	5443	44125	132247	17641	233396	0	996	996	234392	
1992	3186	29714	63	0	1061	51822	250435	18184	354466	0	2482	2482	356948	
1993	76	16616	251	256	121	35098	417318	6197	475932	140	1019	1159	477091	
1994	0	2414	0	98	0	6820	201974	3952	215257	0	1695	1695	216953	
1995	2082	815	612	0	86	32672	403733	15141	455141	348	361	709	455849	
1996	8979	1658	0	44	110	33756	610685	21684	676916	496	779	1275	678191	
1997	0	2249	4412	15	90	43170	692937	14133	757008	12096	538	12634	769641	
1998	15	7020	18	223	7637	87090	855894	34397	992293	32	1128	1160	993453	

Table C.7. Weight (lb) of each species, except shrimp, landed commercially from the Gulf of Mexico grid zone 20.0 during 1972-1998.

Year	Finfish										Shellfish			Grand Total
	Black drum	Flounder	Sheeps-head	Mullet	Cobia	Grouper	Snapper	Other	Total	Blue crab	Other	Total		
													Total	
1972	1260	4088	0	1600	106	2910	22671	48062	80697	0	0	0	80697	
1973	4635	2815	0	2500	381	150	3083	19354	32918	0	0	0	32918	
1974	4749	2050	72	4500	0	0	348	37558	49277	0	0	0	49277	
1975	1086	1545	50	4800	0	0	81	40951	48513	0	0	0	48513	
1976	0	0	0	0	0	0	0	0	0	0	0	0	0	
1977	116	298	0	100	0	0	0	337	851	0	0	0	851	
1978	0	0	0	0	0	0	0	0	0	0	0	0	0	
1979	0	0	0	0	0	0	0	0	0	0	0	0	0	
1980	0	0	0	0	0	0	0	0	0	0	0	0	0	
1981	0	0	0	0	0	0	0	0	0	0	0	0	0	
1982	1136	403	0	0	0	0	616	0	2155	0	0	0	2155	
1983	0	0	0	0	0	0	0	0	0	0	0	0	0	
1984	4603	13843	2577	0	745	5680	76541	4926	108915	0	1450	1450	110365	
1985	1510	7738	16764	3000	2091	77469	157944	43788	310304	0	3409	3409	313713	
1986	7818	21322	7817	0	3305	89987	218273	173169	521691	0	2206	2206	523897	
1987	24882	6378	7611	0	849	41108	160789	51453	293070	320	1999	2319	295389	
1988	33071	14234	5092	531	2802	80766	110049	183687	430232	500	5473	5973	436205	
1989	1442	7109	39	23011	4093	63306	66975	72259	238234	422	443	865	239099	
1990	140	3337	800	71	2817	67867	71069	118868	264969	46	0	46	265015	

Table C.7. (Continued).

Year	Finfish										Shellfish			Grand Total
	Black drum	Flounder	Sheeps-head	Mullet	Cobia	Grouper	Snapper	Other	Total	Blue crab	Other	Total		
1991	6	4827	133	597	1377	69234	69603	37996	183773	0	0	0	183773	
1992	0	170	294	38	107	51268	132179	43865	227921	0	781	781	228702	
1993	32	4509	179	1968	507	65170	123219	44176	239760	0	856	856	240616	
1994	1928	0	708	475	545	56025	130366	50533	240580	794	30	824	241404	
1995	0	5307	0	0	749	76164	145321	162870	390411	182	65	247	390658	
1996	9342	5544	601	145	1100	23695	114484	113166	268077	0	382	382	268459	
1997	0	0	0	107	190	27121	58915	157560	243893	0	100	100	243993	
1998	8	80	0	0	1135	56271	90356	32965	180815	0	220	220	181035	

Table C.8. Ex-vessel value (\$) of each species, except shrimp, landed commercially from the Gulf of Mexico grid zone 20.0 during 1972-1998.

Year	Finfish										Shellfish			Grand Total
	Black drum	Flounder	Sheeps-head	Mullet	Cobia	Grouper	Snapper	Other	Total	Blue crab	Other	Total		
1972	132	950	0	64	16	90	10661	13060	24974	0	0	0	24974	
1973	993	792	0	125	72	23	1397	4723	8124	0	0	0	8124	
1974	613	638	4	225	0	0	139	11486	13105	0	0	0	13105	
1975	153	475	3	480	0	0	32	8665	9808	0	0	0	9808	
1976	0	0	0	0	0	0	0	0	0	0	0	0	0	
1977	35	149	0	5	0	0	0	172	361	0	0	0	361	
1978	0	0	0	0	0	0	0	0	0	0	0	0	0	
1979	0	0	0	0	0	0	0	0	0	0	0	0	0	
1980	0	0	0	0	0	0	0	0	0	0	0	0	0	
1981	0	0	0	0	0	0	0	0	0	0	0	0	0	
1982	682	383	0	0	0	0	1170	0	2235	0	0	0	2235	
1983	0	0	0	0	0	0	0	0	0	0	0	0	0	
1984	1367	10449	515	0	500	4960	143495	2980	164266	0	1352	1352	165618	
1985	1315	5879	2762	300	1641	55948	314558	43686	426090	0	1506	1506	427597	
1986	5002	18367	2524	0	2350	71091	438096	118118	655548	0	962	962	656511	
1987	10320	5445	2515	0	766	44745	329887	39937	433615	80	733	813	434428	
1988	31700	12853	2001	53	2461	92737	185404	158251	485460	230	3115	3345	488805	
1989	1778	5901	19	4431	3886	90817	138951	81696	327478	278	324	602	328080	
1990	184	4497	305	36	1958	79973	124095	168999	380047	16	0	16	380063	

Table C.8. (Continued).

Year	Finfish							Shellfish			Grand Total		
	Black drum	Flounder	Sheeps-head	Mullet	Cobia	Grouper	Snapper	Other	Total	Blue crab		Other	Total
1991	4	6565	81	339	1153	98339	137113	35032	278626	0	0	0	278626
1992	0	240	141	39	128	70050	251835	31103	353536	0	324	324	353860
1993	39	5862	69	2327	838	101502	254391	44108	409137	0	250	250	409387
1994	1995	0	468	1152	855	97228	272572	65245	439514	596	30	626	440140
1995	0	4882	0	0	1235	137994	269789	205929	619830	186	36	222	620052
1996	4361	10640	360	344	1497	43799	201421	61497	323918	0	199	199	324117
1997	0	0	0	212	275	55511	107637	121255	284891	0	45	45	284936
1998	12	220	0	0	2241	110012	178213	38963	329661	0	142	142	329803

Table C.9. Weight (lb) of each species, except shrimp, landed commercially from the Gulf of Mexico grid zone 21.0 during 1972-1998.

Year	Finfish										Shellfish*			Grand Total
	Black drum	Flounder	Sheeps-head	Mullet	Cobia	Grouper	Snapper	Other	Total	Blue crab	Other	Total		
													Total	
1972	750	101099	0	4800	0	50936	726173	34567	918325	0	0	0	918325	
1973	14505	52700	13524	1127	396	45632	378081	95020	600985	0	0	0	600985	
1974	35640	103966	13184	23500	0	42735	364477	185202	768704	0	0	0	768704	
1975	39693	78246	8220	5050	1733	35271	357973	345785	871971	400	0	400	872371	
1976	55541	36148	9444	4000	401	35218	221606	175068	537426	0	2107	2107	539533	
1977	17966	9091	5909	0	1775	9673	248811	20235	313460	0	179	179	313639	
1978	3326	2856	1129	26351	339	11467	216627	38166	300261	0	0	0	300261	
1979	3659	2651	2935	0	0	4582	108134	3482	125443	0	0	0	125443	
1980	3357	4134	64	0	0	3335	101584	868	113342	0	0	0	113342	
1981	7972	8590	1894	0	0	14194	94833	53254	180737	0	0	0	180737	
1982	18158	16070	722	0	0	24708	117550	53921	231129	0	1855	1855	232984	
1983	6563	8339	237	418	9	5531	76920	30259	128276	460	1652	2112	130388	
1984	21717	3240	627	0	41	8130	184674	40423	258852	0	1765	1765	260617	
1985	2408	12070	332	0	0	26276	267274	51042	359402	0	2995	2995	362397	
1986	3007	6617	900	207	153	36698	197243	78307	323132	6356	703	7059	330191	
1987	18446	2228	3937	0	0	112196	138835	58997	334639	393	802	1195	335834	
1988	9897	865	5107	0	161	24439	294592	59448	394509	901	628	1529	396038	
1989	119	535	10332	0	723	45496	209656	92742	359603	372	9945	10317	369920	
1990	5033	2479	37	0	333	20298	196611	98951	323742	0	2268	2268	326010	

Table C.9. (Continued).

Year	Finfish										Shellfish			Grand Total
	Black drum	Flounder	Sheeps-head	Mullet	Cobia	Grouper	Snapper	Other	Total	Blue crab	Other	Total		
													Total	
1991	1267	995	0	0	780	8729	98634	122843	233248	833	1876	2709	235957	
1992	19848	5282	0	48	76	10947	193085	302489	531775	43	3082	3125	534900	
1993	13599	613	0	48	249	17511	281952	311335	625307	0	1817	1817	627124	
1994	52255	5741	128	0	287	57501	313182	338297	767391	10782	1750	12532	779923	
1995	124551	13894	24	88	374	37744	230843	418500	826018	2225	2462	4687	830705	
1996	41136	386	3	270	296	13534	208205	250807	514637	36697	1140	37837	552474	
1997	0	0	0	47	70	10298	94455	325723	430593	0	800	800	431393	
1998	90	0	0	864	81	1281	68295	322507	393118	0	6360	6360	399478	

Table C.10. Ex-vessel value (\$) of each species, except shrimp, landed commercially from the Gulf of Mexico grid zone 21.0 during 1972-1998.

Year	Finfish										Shellfish			Grand Total
	Black drum	Flounder	Sheeps-head	Mullet	Cobia	Grouper	Snapper	Other	Total	Blue crab	Other	Total		
1972	75	19143	0	240	0	5077	335073	5712	365320	0	0	0	365320	
1973	1443	11066	676	89	59	5848	185244	13345	217769	0	0	0	217769	
1974	3836	22761	680	1484	0	5104	195479	21393	250737	0	0	0	250737	
1975	3158	20151	276	353	260	4952	229369	41430	299948	40	0	40	299988	
1976	8780	10733	661	200	60	6678	158657	25505	211274	0	274	274	211548	
1977	2269	2645	430	0	198	2016	262670	2895	273122	0	36	36	273158	
1978	597	1262	169	1917	119	3216	243851	14057	265186	0	0	0	265186	
1979	549	1245	294	0	0	3111	139158	2780	147136	0	0	0	147136	
1980	1018	2259	10	0	0	1548	157617	511	162962	0	0	0	162962	
1981	3206	6910	189	0	0	6470	164485	31989	213250	0	0	0	213250	
1982	6288	13171	143	0	0	20256	227405	12793	280056	0	390	390	280446	
1983	3038	6375	39	60	9	4868	110355	7248	131991	245	409	654	132646	
1984	6111	2420	103	0	29	5940	335987	15555	366145	0	523	523	366668	
1985	693	11409	53	0	0	19723	490787	25120	547785	0	620	620	548405	
1986	1135	5348	142	315	134	35536	358482	57063	458155	2161	247	2408	460562	
1987	17835	2122	1267	0	0	152766	236786	62723	473499	134	660	794	474293	
1988	7176	1014	1040	0	156	21283	561805	90271	682744	937	241	1179	683923	
1989	79	772	2066	0	552	43367	369201	108598	524634	376	1543	1919	526553	
1990	2215	1882	6	0	195	17849	301704	128674	452524	0	1875	1875	454400	

Table C.10. (Continued).

Year	Finfish										Shellfish			Grand Total
	Black drum	Flounder	Sheeps-head	Mullet	Cobia	Grouper	Snapper	Other	Total	Blue crab	Other	Total		
													Total	
1991	1536	1209	0	0	508	7299	145065	244239	399855	333	503	837	400692	
1992	14114	4496	0	60	58	11240	213242	624180	867391	8	1836	1844	869235	
1993	11516	1004	0	60	240	22385	487393	688797	1211395	0	1085	1085	1212480	
1994	35433	8138	46	0	353	97691	635843	452529	1230034	7523	667	8190	1238224	
1995	104237	29327	11	88	501	60055	507716	669773	1371706	2225	1230	3455	1375161	
1996	31386	821	1	308	337	23586	369812	552699	978949	23033	702	23735	1002683	
1997	0	0	0	76	84	17523	172018	735802	925503	0	550	550	926053	
1998	122	0	0	1287	113	2068	153667	665279	822535	0	1949	1949	824484	

Appendix D. Monthly commercial finfish and shellfish landings (lb) and ex-vessel value (\$) by bay system for Texas bays during 1998.

Table D.1. Weight (lb) of each species landed commercially from the Sabine Lake system during 1998.

Species	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
FINFISH													
Atlantic croaker	0	0	0	0	0	0	0	11	0	0	0	0	11
Atlantic cutlassfish	0	0	0	0	0	0	0	30	0	0	0	0	30
Killifish	93	139	358	938	1300	824	520	211	127	470	315	229	5524
Mullet, unclassified	1	0	0	0	0	0	0	143	66	5	0	0	215
Seatrout, sand	0	0	0	0	0	0	35	0	0	0	0	0	35
Total finfish	94	139	358	938	1300	824	555	395	193	475	315	229	5815
SHELLFISH													
Shrimp (heads on)	0	0	0	0	60	0	223	11898	0	0	0	0	12181
Shrimp, white	0	0	0	0	60	0	223	11898	0	0	0	0	12181
Total shrimp													
Crab, blue	36996	23611	8210	42606	134729	183857	149801	136613	162698	193464	142651	53003	1268239
Squid, unclassified	0	0	0	0	0	0	0	0	32	0	0	0	32
Total shellfish	36996	23611	8210	42606	134789	183857	150024	148511	162730	193464	142651	53003	1280452
Grand Total	37090	23750	8568	43544	136089	184681	150579	148906	162923	193939	142966	53232	1286267

Table D.2. Ex-vessel value (\$) of each species landed commercially from the Sabine Lake system during 1998.

Species	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
FINFISH													
Atlantic croaker	0	0	0	0	0	0	0	43	0	0	0	0	43
Atlantic cutlassfish	0	0	0	0	0	0	0	15	0	0	0	0	15
Killifish	1108	1690	4479	12150	18560	11801	7243	2837	1675	6787	4445	3329	76104
Mullet, unclassified	5	0	0	0	0	0	0	555	257	18	0	0	835
Seatrout, sand	0	0	0	0	0	0	18	0	0	0	0	0	18
Total finfish	1113	1690	4479	12150	18560	11801	7260	3451	1932	6805	4445	3329	77014
SHELLFISH													
Shrimp (heads on)	0	0	0	0	120	0	83	10020	0	0	0	0	10223
Shrimp, white	0	0	0	0	120	0	83	10020	0	0	0	0	10223
Total shrimp													
Crab, blue	28427	19315	6775	37297	109637	119654	102324	109083	117172	110676	80016	30662	871037
Squid, unclassified	0	0	0	0	0	0	0	0	16	0	0	0	16
Total shellfish	28427	19315	6775	37297	109757	119654	102407	119103	117188	110676	80016	30662	881276
Grand Total	29539	21005	11254	49447	128317	131455	109667	122554	119119	117481	84461	33991	958290

Table D.3. Weight (lb) of each species landed commercially from the Galveston Bay system during 1998.

Species	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct.	Nov	Dec	Total
FINFISH													
Atlantic croaker	25	0	104	611	691	1107	1803	998	1020	531	65	6	6961
Atlantic cutlassfish	0	0	0	74	569	64	44	54	8	0	1561	1207	3581
Black drum	687	32	308	1138	194	262	169	199	2827	18071	16093	1966	41946
Flounder, unclassified	3	41	105	570	256	341	1337	1101	2035	5032	17231	4232	32284
Gar, unclassified	0	0	0	0	248	0	0	0	0	0	0	0	248
Greater amberjack	0	0	0	0	0	50	0	0	0	0	0	0	50
Herring, unclassified	0	0	130	410	1819	1357	3879	4016	2166	1840	1644	1307	18568
Killifish	12	41	94	113	283	163	153	123	29	151	434	222	1818
Kingfish, unclassified	0	80	0	0	0	19	64	365	501	52	35	355	1471
Mackerel, Spanish	0	0	0	0	0	0	0	0	0	8	2	0	10
Mullet, unclassified	129	96	9661	10139	5073	9761	3063	5348	12726	2706	6477	1742	66921
Seatrout, sand	37	0	0	0	0	0	34	17	30	67	112	0	246
Shark, unclassified	0	0	0	0	0	8	0	0	0	0	0	0	59
Sheepshead	479	0	571	1487	476	1042	775	1524	3424	5206	10078	2711	27773
Snake eel, unclassified	0	0	0	0	0	4	1	3	0	0	0	0	8
Unclassified food	0	20	657	385	3174	132	28	329	2546	1580	6388	458	15697
Unclassified scrap	896	357	273	2322	142	1319	2313	4322	4060	5410	129	163	21706
Total finfish	2268	667	11903	17249	12925	15629	13663	18399	31372	40654	60249	14369	239347
SHELLFISH													
Shrimp (heads on)	0	0	0	0	0	0	57	0	0	0	0	0	57
Shrimp, Trachypenaeid	411	0	126	53	639416	1530542	1229171	114196	170547	554	1444	0	3686459
Shrimp, brown	0	0	0	2197	0	0	0	0	0	0	0	0	2197
Shrimp, pink	0	0	0	0	0	0	3242	1382	0	0	275	0	4899
Shrimp, seabob	6928	7837	15663	107703	145459	99384	55893	748092	640805	445031	709342	278823	3260961
Shrimp, white	7339	7837	15789	109953	784875	1629926	1288362	863669	811352	445585	711062	278823	6954572
Total shrimp	33270	26193	22906	87523	340924	567676	394682	221993	284477	297087	220592	117762	2615085
Crab, blue	992	1988	524	1352	1088	1596	1300	3448	744	860	868	272	15032
Crab, stone	199910	302176	537711	561354	186044	135767	0	0	0	68286	512791	465067	2969106
Oyster, Eastern	250	134	662	3042	9593	5180	2060	2415	4212	2753	10	4643	34954
Squid, unclassified	241761	338328	577592	763224	1322524	2340145	1686404	1091525	1100785	814571	1445323	866567	12588749
Total shellfish	244029	338995	589495	780473	1335449	2355774	1700067	1109924	1132157	855225	1505572	880936	12828096

Table D.4. Ex-vessel value (\$) of each species landed commercially from the Galveston Bay system during 1998.

Species	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
FINFISH													
Atlantic croaker	13	0	722	565	1728	2657	3576	3704	1084	1296	102	32	15479
Atlantic cutlassfish	0	0	0	59	361	30	19	54	8	0	552	422	1504
Black drum	512	29	261	1005	148	244	151	174	2590	16090	13160	1668	36031
Flounder, unclassified	5	77	139	718	329	479	1981	2057	2344	7595	26224	5684	47631
Gar, unclassified	0	0	0	0	136	0	0	0	0	0	0	0	136
Greater amberjack	0	0	0	0	0	6	0	0	0	0	0	0	6
Herring, unclassified	0	0	89	291	1348	744	2806	2911	1614	1288	611	520	12222
Killifish	130	550	1080	1316	3383	2052	1914	1475	413	1711	5028	2761	21813
Kingfish, unclassified	0	40	0	0	0	10	32	209	248	24	12	174	749
Mackerel, Spanish	0	0	0	0	0	0	0	0	0	3	1	0	4
Mullet, unclassified	668	91	1341	1403	1280	2602	2247	2050	3248	2016	1175	2032	20154
Seatrout, sand	11	0	0	0	0	0	0	0	15	28	41	0	95
Shark, unclassified	0	0	0	0	0	2	7	9	0	0	0	0	18
Sheepshead	221	0	265	862	199	496	319	454	935	1544	2785	1241	9322
Snake eel, unclassified	0	0	0	0	0	9	1	14	0	0	0	0	23
Unclassified food	0	8	164	105	1046	33	8	100	600	592	2285	211	5149
Unclassified scrap	314	125	96	1161	156	555	1020	2168	1585	2048	65	70	9361
Total finfish	1872	919	4157	7486	10113	9920	14080	15377	14683	34235	52040	14816	179698
SHELLFISH													
Shrimp (heads on)	0	0	0	0	0	0	33	0	0	0	0	0	33
Shrimp, Trachypenaeid	1510	0	56	53	436982	985414	1258314	165270	195299	646	1247	0	3044791
Shrimp, brown	0	0	0	3698	0	0	0	0	0	0	0	0	3698
Shrimp, pink	0	0	0	0	0	0	1983	734	0	0	174	0	2891
Shrimp, seabob	5834	9613	20815	198073	313564	143381	78861	1356466	894053	558345	566257	210420	4355682
Shrimp, white	7344	9613	20871	201824	750546	1128795	1339191	1522470	1089352	558991	567678	210420	7407095
Total shrimp	29100	23788	20798	58098	189710	304072	212425	150923	213227	197195	148022	83658	1631016
Crab, blue	797	1600	418	1119	873	1304	1077	2787	615	720	703	229	12242
Crab, stone	516608	782509	1292533	1382150	461442	302202	0	0	0	148566	1165357	1019769	7071136
Oyster, Eastern	188	112	460	1535	4756	2902	1092	1468	1949	1527	5	1628	17621
Squid, unclassified	554036	817622	1335080	1644726	1407326	1739275	1553785	1677648	1305144	906999	1881765	1315704	16139110
Total shellfish	555908	818541	1339237	1652212	1417439	1749196	1567865	1693025	1319827	941234	1933805	1330520	16318809

Table D.5. Weight (lb) of each species landed commercially from the Matagorda Bay system during 1998.

Species	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
FINFISH													
Atlantic croaker	0	0	0	81	717	1044	1981	1702	110	54	0	0	5689
Atlantic cutlassfish	0	0	0	0	79	0	1280	885	151	79	0	0	2474
Black drum	6078	41	0	0	164	171	0	0	0	0	57	0	6511
Flounder, unclassified	3	0	120	31	168	87	8	49	0	0	49	0	515
Gar, unclassified	0	0	0	0	0	23	0	0	0	0	0	0	23
Killifish	0	0	0	25	0	0	0	0	0	0	0	0	25
Kingfish, unclassified	0	0	0	0	0	0	0	0	0	0	45	0	45
Mullet, unclassified	70	8	293	15	75	565	549	595	435	562	343	51	3561
Sheepshead	404	0	0	0	0	0	0	0	0	0	0	0	404
Unclassified scrap	0	0	0	0	0	0	0	3	0	0	0	0	3
Total finfish	6555	49	413	152	1203	1890	3818	3234	696	695	494	51	19250
SHELLFISH													
Shrimp (heads on)	0	0	0	1700	780567	635053	268373	10137	0	240924	0	0	1936753
Shrimp, brown	0	3050	0	1602	0	0	0	0	0	0	0	0	4651
Shrimp, pink	0	0	0	0	0	0	0	0	0	721	916	0	1637
Shrimp, seabob	0	0	0	0	0	0	0	0	0	0	0	0	0
Shrimp, white	0	1411	0	17182	4862	120	9026	214062	588420	558187	533947	286864	2214080
Total shrimp	0	4460	0	20484	785428	635173	277398	224198	588420	799831	534864	286864	4157121
Crab, blue	71170	24938	11428	52807	110959	131911	140863	56000	59092	75363	107481	56460	898472
Oyster, Eastern	150503	76616	23206	5969	0	0	0	0	0	0	12829	26111	295234
Squid, unclassified	81	50	65	355	195	149	336	327	174	227	21	60	2040
Total shellfish	221754	106064	34699	79615	896582	767233	418597	280525	647686	875421	655195	369495	5352867
Grand Total	228309	106113	35112	79767	897785	769123	422415	283759	648382	876116	655689	369546	5372117

Table D.6. Ex-vessel value (\$) of each species landed commercially from the Matagorda Bay system during 1998.

Species	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
FINFISH													
Atlantic croaker	0	0	0	423	4393	5996	11482	9920	534	286	0	0	33034
Atlantic cutlassfish	0	0	0	0	60	0	932	635	108	53	0	0	1787
Black drum	6476	45	0	0	312	299	0	0	0	0	45	0	7177
Flounder, unclassified	7	0	343	100	466	187	17	113	0	0	101	0	1332
Gar, unclassified	0	0	0	0	0	12	0	0	0	0	0	0	12
Killifish	0	0	0	13	0	0	0	0	0	0	0	0	13
Kingfish, unclassified	0	0	0	0	0	0	0	0	0	0	23	0	23
Mullet, unclassified	90	25	288	23	38	648	611	934	594	680	589	245	4763
Sheepshead	202	0	0	0	0	0	0	0	0	0	0	0	202
Unclassified scrap	0	0	0	0	0	0	0	18	0	0	0	0	18
Total finfish	6775	70	631	558	5268	7140	13042	11619	1236	1019	757	245	48360
SHELLFISH													
Shrimp (heads on)	0	0	0	3692	823406	482606	278545	14287	0	362509	0	0	1965045
Shrimp, brown	0	6829	0	4403	0	0	0	0	0	0	0	0	11232
Shrimp, pink	0	0	0	0	0	0	0	0	0	1800	321	0	2121
Shrimp, seabob	0	0	0	0	0	0	0	0	0	0	0	0	0
Shrimp, white	0	3044	0	44549	19428	391	9975	442044	1235612	708498	585246	320307	3369094
Total shrimp	0	9873	0	52644	842834	482997	288520	456331	1235612	1072807	585567	320307	5347492
Crab, blue	71151	24913	11383	47483	77647	85721	91561	36400	38494	48991	69863	39522	643130
Oyster, Eastern	399711	188312	48729	13520	0	0	0	0	0	0	28146	66873	745290
Squid, unclassified	92	70	48	433	228	175	353	367	210	263	21	77	2335
Total shellfish	470954	223168	60160	114079	920709	568893	380433	493098	1274316	1122061	683597	426779	6738247
Grand Total	477729	223238	60790	114637	925977	576034	393476	504717	1275552	1123079	684354	427024	6786606

Table D.7. Weight (lb) of each species landed commercially from the East Matagorda Bay system during 1998.

Species	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
FINFISH													
Atlantic croaker	0	0	0	0	36	20	33	858	8	0	15	0	970
Flounder, unclassified	0	0	0	0	4	0	3	3	0	18	33	33	94
Gar, unclassified	0	0	0	0	12	0	252	0	0	0	0	0	264
Mullet, unclassified	0	31	52	0	0	0	31	0	0	61	44	0	219
Total finfish	0	31	52	0	52	20	319	861	8	79	92	33	1547
SHELLFISH													
Shrimp (heads on)	0	0	0	0	0	0	0	0	0	0	0	0	32
Shrimp, white	0	0	0	32	0	0	0	0	0	0	0	0	32
Total shrimp													
Crab, blue	0	0	0	0	96	12	129	840	17600	22827	39152	18820	99476
Crab, stone	0	0	0	0	0	0	208	0	0	0	0	0	208
Oyster, Eastern	0	508	0	0	0	0	0	0	0	0	665	525	1698
Squid, unclassified	0	0	0	0	16	0	770	28	0	7	0	0	821
Total shellfish	0	508	0	32	112	12	1107	868	17600	22834	39817	19345	102235
Grand Total	0	539	52	32	164	32	1426	1729	17608	22913	39909	19378	103782

Table D.8. Ex-vessel value (\$) of each species landed commercially from the East Matagorda Bay system during 1998.

Species	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
FINFISH													
Atlantic croaker	0	0	0	0	94	53	86	2145	21	0	39	0	2438
Flounder, unclassified	0	0	0	0	4	0	1	1	0	6	22	60	94
Gar, unclassified	0	0	0	0	8	0	158	0	0	0	0	0	165
Mullet, unclassified	0	150	240	0	0	0	125	0	0	155	44	0	714
Total finfish	0	150	240	0	106	53	369	2146	21	161	105	60	3411
SHELLFISH													
Shrimp (heads on)	0	0	0	33	0	0	0	0	0	0	0	0	33
Shrimp, white	0	0	0	33	0	0	0	0	0	0	0	0	33
Total shrimp													
Crab, blue	0	0	0	0	48	6	76	288	11440	14795	25438	13174	65265
Crab, stone	0	0	0	0	0	0	208	0	0	0	0	0	208
Oyster, Eastern	0	1218	0	0	0	0	0	0	0	0	1596	1260	4074
Squid, unclassified	0	0	0	0	8	0	385	14	0	4	0	0	411
Total shellfish	0	1218	0	33	56	6	669	302	11440	14799	27034	14434	69991
Grand Total	0	1368	240	33	162	59	1039	2448	11461	14960	27139	14494	73402

Table D.9. Weight (lb) of each species landed commercially from the San Antonio Bay system during 1998.

Species	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
FINFISH													
Atlantic croaker	0	0	9	2	4	172	368	213	31	3	0	0	802
Black drum	28216	13086	34805	25378	22731	29400	19141	16857	51478	30584	45543	14297	331516
Flounder, unclassified	71	315	340	1331	14509	5485	7001	6279	4399	3379	5392	4343	52844
Gar, unclassified	0	628	0	4166	2624	565	193	1794	607	0	44	227	10848
Mullet, unclassified	22	12	0	0	0	0	0	17	6	0	0	3	60
Sheepshead	2224	1934	4828	1636	3949	1886	1900	3194	3358	6269	3436	3623	38237
Unclassified food	0	0	0	0	0	0	0	0	0	0	0	936	936
Unclassified scrap	0	0	0	0	0	0	0	7	0	0	0	0	7
Total finfish	30533	15975	39982	32513	43817	37508	28603	28361	59879	40235	54415	23429	435250
SHELLFISH													
Shrimp (heads on)	0	0	0	37466	241756	209641	149236	8092	2357	0	0	0	648548
Shrimp, brown	0	0	3102	0	0	0	0	0	0	0	0	0	3102
Shrimp, pink	0	0	0	3353	228	0	0	123211	127758	96677	81799	31302	464327
Shrimp, white	0	0	3102	40819	241984	209641	149236	131303	130115	96677	81799	31302	1115978
Total shrimp	0	0	0	0	0	0	0	0	0	0	0	0	0
Crab, blue	54115	48699	79055	101225	165154	206898	146761	101585	124592	155872	182728	188710	1555394
Crab, stone	680	1988	3544	1300	1400	4252	36	7020	10020	8380	5860	10440	54920
Oyster, Eastern	26548	5653	2345	508	0	0	0	0	0	0	0	875	35929
Squid, unclassified	0	0	140	227	0	85	0	12	0	5	5	0	474
Total shellfish	81343	56340	88186	144079	408538	420876	296033	239920	264727	260934	270392	231327	2762695
Grand Total	111876	72315	128168	176592	452355	458384	324636	268281	324606	301169	324807	254756	3197945

Table D.10. Ex-vessel value (\$) of each species landed commercially from the San Antonio Bay system during 1998.

Species	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
FINFISH													
Atlantic croaker	0	0	47	12	21	1001	2090	1253	184	16	0	0	4623
Black drum	23858	13205	40047	30101	28796	36465	22381	17056	49467	26147	31945	11250	330718
Flounder, unclassified	161	717	708	2803	27094	12163	14106	12314	8549	6172	9553	7515	101854
Gar, unclassified	0	628	0	4166	2736	678	232	2153	698	0	22	227	11540
Mullet, unclassified	144	18	0	0	0	0	0	121	27	0	0	15	325
Sheepshead	710	967	2078	648	1571	839	833	1401	1516	2714	1205	1323	15805
Unclassified food	0	0	0	0	0	0	0	0	0	0	0	421	421
Unclassified scrap	0	0	0	0	0	0	0	41	0	0	0	0	41
Total finfish	24873	15534	42880	37730	60218	51146	39642	34339	60442	35048	42724	20751	465327
SHELLFISH													
Shrimp (heads on)	0	0	0	50341	177800	131534	154699	9975	2528	0	0	0	526877
Shrimp, brown	0	0	4867	0	0	0	0	0	0	0	0	0	4867
Shrimp, pink	0	0	0	9819	714	0	0	193111	217203	114538	91219	31003	657607
Shrimp, white	0	0	4867	60160	178514	131534	154699	203086	219731	114538	91219	31003	1189351
Total shrimp	0	0	0	0	0	0	0	0	0	0	0	0	0
Crab, blue	39650	37342	59080	77997	96886	99644	69917	61586	78410	103980	117081	128936	970507
Crab, stone	808	2361	4209	1547	1666	5049	43	7459	10632	9023	6226	11188	60209
Oyster, Eastern	63714	13695	4824	1044	0	0	0	0	0	0	0	3000	86277
Squid, unclassified	0	0	103	207	0	77	0	36	0	15	15	0	453
Total shellfish	104171	53398	73082	140955	277066	236304	224659	272167	308773	227555	214541	174126	2306797
Grand Total	129044	68932	115962	178685	337284	287450	264301	306506	369214	262603	257265	194878	2772124

Table D.11. Weight (lb) of each species landed commercially from the Arkansas Bay system during 1998.

Species	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
FINFISH													
Atlantic croaker	0	0	0	107	3198	2797	6891	7335	1003	376	0	0	21707
Atlantic cutlassfish	0	0	0	74	586	5	2255	4652	106	0	137	0	7815
Black drum	28292	14793	16314	17425	11915	12397	8538	14130	21507	11283	11998	15542	184134
Flounder, unclassified	3066	1509	431	2652	3561	4243	1943	7604	6660	4103	15650	8384	59806
Gar, unclassified	0	188	0	0	0	0	0	286	134	51	0	0	659
Greater amberjack	0	0	0	0	0	0	0	812	0	0	0	0	812
Killifish	32	14	51	87	56	59	39	15	0	27	7	0	387
Mullet, unclassified	117	14	146	74	54	172	354	150	149	119	56	0	1405
Sheepshead	6176	12018	5659	63	270	580	1517	1424	1316	1501	721	942	32187
Snake eel, unclassified	0	0	1	0	0	10	1	3	1	0	0	0	16
Unclassified scrap	0	0	0	0	30	25	0	0	112	38	19	0	224
Total finfish	37683	28536	22602	20482	19670	20288	21538	36411	30988	17498	28588	24868	309152
SHELLFISH													
Shrimp (heads on)	0	646	10394	95896	537400	396340	188932	96700	163690	164135	157400	72943	1884476
Shrimp, brown	0	11	0	0	1058	353	14011	51077	31969	103737	34570	5658	242444
Shrimp, white	0	656	10394	95896	538458	396693	202943	147777	195659	267872	191970	78601	2126920
Total shrimp													
Crab, blue	16166	5991	9451	14742	21063	33894	39229	17309	13816	25148	29437	12165	238411
Crab, stone	1068	788	316	952	1348	2104	2112	4660	1872	484	624	24	16352
Oyster, Eastern	40916	57698	37345	0	0	0	0	0	0	0	0	0	135959
Squid, unclassified	0	22	43	306	390	278	548	241	695	185	806	0	3514
Total shellfish	58150	65155	57549	111896	561259	432969	244832	169987	212042	293689	222837	90790	2521156
Grand Total	95833	93691	80151	132378	580929	453257	266370	206398	243030	311187	251425	115658	2830308

Table D.12. Ex-vessel value (\$) of each species landed commercially from the Aransas Bay system during 1998.

Species	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
FINFISH													
Atlantic croaker	0	0	0	563	20236	16995	37636	39531	5256	1968	0	0	122185
Atlantic cutlassfish	0	0	0	70	516	3	1708	4229	101	0	104	0	6730
Black drum	30848	18426	17699	20220	18473	18424	9847	16210	18935	9613	10456	13634	202784
Flounder, unclassified	6061	3074	790	5913	9277	11122	4497	16561	13973	7566	21643	15072	115550
Gar, unclassified	0	61	0	0	0	0	0	72	101	51	0	0	284
Greater amberjack	0	0	0	0	0	0	0	1421	0	0	0	0	1421
Killifish	398	175	672	1084	729	779	488	188	0	342	124	0	4978
Mullet, unclassified	566	68	498	197	261	718	1784	606	882	707	357	0	6644
Sheepshead	2896	5920	2813	33	176	296	745	644	597	761	370	491	15739
Snake eel, unclassified	0	0	2	0	0	20	3	6	2	0	0	0	33
Unclassified scrap	0	0	0	0	119	93	0	0	959	150	100	0	1421
Total finfish	40768	27724	22473	28080	49787	48451	56707	79466	40804	21157	33154	29197	477768
SHELLFISH													
Shrimp (heads on)													
Shrimp, brown	0	1059	20246	127008	371513	252317	176158	111418	181582	138274	133684	67504	1580763
Shrimp, white	0	25	0	0	3431	1105	19139	129802	70913	186167	73225	10895	494702
Total shrimp	0	1084	20246	127008	374944	253422	195297	241220	252495	324441	206909	78399	2075465
Crab, blue	11313	4240	7245	9800	16145	21166	26364	11447	9444	12954	16440	7297	153854
Crab, stone	987	724	294	955	1418	2104	2224	4660	1788	523	624	24	16325
Oyster, Eastern	126684	159243	89769	0	0	0	0	0	0	0	0	0	375696
Squid, unclassified	0	22	43	406	390	274	583	223	690	86	403	0	3119
Total shellfish	138984	165313	117597	138169	392897	276966	224468	257549	264417	338003	224376	85720	2624459
Grand Total	179752	193037	140070	166248	442684	325417	281175	337015	305221	359161	257530	114917	3102226

Table D.13. Weight (lb) of each species landed commercially from the Corpus Christi Bay system during 1998.

Species	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
FINFISH													
Atlantic croaker	0	0	0	22	269	607	1582	925	141	3	10	0	3559
Atlantic cutlassfish	0	0	0	90	121	256	193	2315	156	0	5	0	3136
Black drum	9419	5166	12192	20513	23499	32410	38798	46303	18340	35654	37897	36081	316272
Flounder, unclassified	268	113	2153	3074	4656	3764	4480	4069	599	757	749	3734	28416
Gar, unclassified	0	0	0	0	0	0	0	396	0	0	0	0	396
Killifish	90	30	17	29	36	21	0	0	5	18	16	18	280
Mullet, unclassified	109	34	0	0	0	0	18	144	756	1623	53	31	2768
Sheepshead	1726	1812	2425	843	775	605	602	712	165	361	227	242	10495
Unclassified scrap	0	0	0	33	102	90	189	812	471	380	10	12	2099
Total finfish	11612	7155	16787	24604	29458	37753	45862	55676	20633	38796	38967	40118	367421
SHELLFISH													
Shrimp (heads on)	3846	8989	84652	198608	815317	407541	55445	51501	54907	45066	52890	2458	1781220
Shrimp, brown	0	0	0	0	0	0	0	0	0	0	47	0	47
Shrimp, seabob	0	0	0	182	0	62	17761	13349	13396	15477	17471	1132	78830
Shrimp, white	0	0	0	0	0	0	0	0	0	0	0	0	0
Total shrimp	3846	8989	84652	198790	815317	407603	73206	64849	68304	60543	70409	3590	1860097
Crab, blue	297	1688	3071	9138	12769	12434	7709	6511	680	855	806	822	56780
Crab, stone	0	220	736	2608	616	856	2296	1416	368	104	264	372	9856
Shrimp, mantis	528	117	47	201	0	0	0	0	0	0	0	0	893
Squid, unclassified	0	0	62	602	1094	441	197	131	267	451	222	714	4181
Total shellfish	4671	11014	88568	211339	829796	421334	83408	72907	69619	61953	71701	5498	1931807
Grand Total	16283	18169	105355	235943	859254	459087	129270	128583	90252	100749	110668	45616	2299228

Table D.15. Weight (lb) of each species landed commercially from the Upper Laguna Madre Bay system during 1998.

Species	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
FINFISH													
Atlantic cutlassfish	0	0	0	32	0	0	0	0	0	0	0	0	32
Black drum	157838	135553	142137	67962	49085	40085	67392	90866	104647	186540	153416	167859	1363380
Florida pompano	0	0	0	0	0	0	0	0	0	10	4	4	18
Flounder, unclassified	28	2	0	6	26	0	3	41	3	23	157	246	535
Mullet, unclassified	27	9	0	0	0	37	56	179	71	59	21	0	459
Sheepshead	76	21	0	6	5	0	0	60	52	435	484	140	1279
Triggerfish, gray	0	0	2	0	0	0	0	0	0	0	0	0	2
Total finfish	157969	135585	142139	68006	49116	40122	67451	91146	104773	187067	154082	168249	1365705
SHELLFISH													
Shrimp (heads on)	0	0	0	12234	9852	32144	0	0	0	0	0	0	54230
Shrimp, brown	0	0	0	0	0	1420	394	0	0	0	0	0	1814
Shrimp, white	0	0	0	12234	9852	33564	394	0	0	0	0	0	56044
Total shrimp	0	0	0	12234	9852	33564	394	0	0	0	0	0	56044
Crab, blue	0	80	461	665	578	2112	0	0	39	0	0	0	3935
Total shellfish	0	80	461	12899	10430	35676	394	0	39	0	0	0	59979
Grand Total	157969	135665	142600	80905	59546	75798	67845	91146	104812	187067	154082	168249	1425684

Table D.16. Ex-vessel value (\$) of each species landed commercially from the Upper Laguna Madre Bay system during 1998.

Species	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
FINFISH													
Atlantic cutlassfish	0	0	0	24	0	0	0	0	0	0	0	0	24
Black drum	143457	157263	184540	80836	61046	52713	85885	103461	106036	182623	134342	150248	1442452
Florida pompano	0	0	0	0	0	0	0	0	0	20	8	8	36
Flounder, unclassified	38	5	0	16	72	0	7	82	6	45	202	284	756
Mullet, unclassified	88	29	0	0	0	84	127	507	173	143	51	0	1200
Sheepshead	38	11	0	3	3	0	0	36	30	270	284	84	757
Triggerfish, gray	0	0	1	0	0	0	0	0	0	0	0	0	1
Total finfish	143620	157308	184541	80880	61120	52797	86019	104086	106245	183100	134887	150624	1445227
SHELLFISH													
Shrimp (heads on)	0	0	0	20186	7617	27970	0	0	0	0	0	0	55773
Shrimp, brown	0	0	0	0	0	3919	501	0	0	0	0	0	4420
Shrimp, white	0	0	0	20186	7617	31889	501	0	0	0	0	0	60193
Total shrimp	0	0	0	20186	7617	31889	501	0	0	0	0	0	60193
Crab, blue	0	60	304	499	347	1056	0	0	29	0	0	0	2294
Total shellfish	0	60	304	20685	7964	32945	501	0	29	0	0	0	62487
Grand Total	143620	157368	184845	101565	69084	85742	86520	104086	106274	183100	134887	150624	1507714

Table D.17. Weight (lb) of each species landed commercially from the Lower Laguna Madre Bay system during 1998.

Species	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
FINFISH													
Atlantic croaker	0	0	0	0	0	23	30	34	19	11	15	8	140
Atlantic cutlassfish	0	0	0	0	0	0	0	396	0	0	0	0	396
Black drum	67159	47588	56419	45515	17256	15163	11371	38678	29240	10516	17374	74707	430986
Florida pompano	0	0	0	0	0	0	6	0	22	41	12	23	104
Flounder, unclassified	136	37	166	724	2374	3262	8749	8668	2746	2575	7378	4420	41235
Gar, unclassified	0	0	188	18	0	0	0	908	1588	0	24	0	2726
Herring, unclassified	0	0	0	50	60	100	50	57	0	0	0	0	317
Mullet, unclassified	549	375	513	610	648	822	1438	1241	521	779	761	335	8592
Sheepshead	534	139	104	512	54	260	96	1216	510	132	1934	940	6431
Unclassified scrap	0	0	0	0	0	0	0	150	0	0	0	0	150
Total finfish	68378	48139	57390	47429	20392	19630	21740	51348	34646	14054	27498	80433	491077
SHELLFISH													
Crab, blue	5656	8534	8560	16340	15881	19207	28035	21130	17276	33448	42490	30147	246704
Shrimp, mantis	338	3	0	0	0	0	0	0	0	183	0	9	533
Squid, unclassified	62	186	16	137	248	881	1012	550	157	96	525	120	3990
Total shellfish	6056	8723	8576	16477	16129	20088	29047	21680	17433	33727	43015	30276	251227
Grand Total	74434	56862	65966	63906	36521	39718	50787	73028	52079	47781	70513	110709	742304

Table D.18. Ex-vessel value (\$) of each species landed commercially from the Lower Laguna Madre Bay system during 1998.

Species	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
FINFISH													
Atlantic croaker	0	0	0	0	0	300	480	540	150	87	120	60	1737
Atlantic cutlassfish	0	0	0	0	0	0	0	375	0	0	0	0	375
Black drum	58522	50749	67180	49126	19732	19590	13896	43922	24972	9232	13596	59252	429769
Florida pompano	0	0	0	0	0	0	13	0	33	88	25	58	216
Flounder, unclassified	262	90	425	2107	6635	7570	20428	18912	5584	5462	13743	8478	89695
Gar, unclassified	0	0	188	18	0	0	0	341	1270	0	18	0	1835
Herring, unclassified	0	0	0	63	75	125	63	162	0	0	0	0	487
Mullet, unclassified	885	633	953	1050	1043	1138	2071	2443	918	1300	1039	400	13871
Sheepshead	176	46	41	255	20	115	42	536	158	60	604	473	2525
Unclassified scrap	0	0	0	0	0	0	0	188	0	0	0	0	188
Total finfish	59845	51518	68786	52618	27504	28837	36992	67418	33085	16228	29145	68721	540697
SHELLFISH													
Crab, blue	4276	6467	6610	13052	10186	10613	16091	13718	13847	22164	29068	20989	167081
Shrimp, mantis	304	17	0	0	0	0	0	0	0	137	0	56	515
Squid, unclassified	62	186	16	137	192	355	367	280	225	96	422	121	2458
Total shellfish	4642	6670	6626	13189	10379	10967	16458	13998	14071	22397	29490	21166	170053
Grand Total	64487	58188	75412	65807	37883	39804	53449	81417	47156	38626	58635	89887	710750

Appendix E. Monthly commercial finfish and shellfish (except shrimp) landings (lb) and ex-vessel value (\$), by grid zone for the Gulf of Mexico off Texas during 1998.

Table E.1. Weight (lb) of each species, except shrimp, landed commercially from Gulf of Mexico grid zone 17.0 during 1998.

Species	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
FINFISH													
Flounder, unclassified	110	0	0	0	0	0	0	0	0	156	43	222	531
Herring, unclassified	0	0	0	128	0	0	0	3	0	0	0	0	131
Kingfish, unclassified	575	100	371	0	0	0	0	0	0	163	0	0	1209
Mullet, unclassified	0	0	0	0	0	0	0	30	20	0	0	0	50
Snapper, red	0	22	26	0	0	0	0	0	0	0	0	0	48
Total finfish	685	122	397	128	0	0	0	33	20	319	43	222	1969

Table E.1. (Continued).

Species	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
SHELLFISH													
Crab, blue	0	0	0	0	0	0	0	0	0	0	1231	1239	2470
Squid, unclassified	0	0	51	119	74	0	0	102	0	23	0	0	369
Total shellfish	0	0	51	119	74	0	0	102	0	23	1231	1239	2839
Grand Total	685	122	448	247	74	0	0	135	20	342	1274	1461	4808

Table E.2. Ex-vessel (\$) value of each species, except shrimp, landed commercially from Gulf of Mexico grid zone 17.0 during 1998.

Species	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
FINFISH													
Flounder, unclassified	110	0	0	0	0	0	0	0	0	209	65	258	641
Herring, unclassified	0	0	0	64	0	0	0	2	0	0	0	0	66
Kingfish, unclassified	201	30	56	0	0	0	0	0	0	65	0	0	352
Mullet, unclassified	0	0	0	0	0	0	0	15	10	0	0	0	25
Snapper, red	0	40	52	0	0	0	0	0	0	0	0	0	92
Total finfish	311	70	108	64	0	0	0	17	10	274	65	258	1176

Table E.2. (Continued).

Species	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
SHELLFISH													
Crab, blue	0	0	0	0	0	0	0	0	0	0	825	1214	2039
Squid, unclassified	0	0	26	85	37	0	0	51	0	17	0	0	215
Total shellfish	0	0	26	85	37	0	0	51	0	17	825	1214	2254
Grand Total	311	70	133	149	37	0	0	68	10	291	889	1472	3430

Table E.3. Weight (lb) of each species, except shrimp, landed commercially from Gulf of Mexico grid zone 18.0 during 1998.

Species	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
FINFISH													
Black drum	0	0	0	0	0	0	0	0	0	3382	10849	1508	15739
Blue runner	1582	993	2180	5369	2907	699	1569	330	647	5925	3855	1677	27733
Cobia	733	753	699	861	751	987	855	398	202	27	313	0	6579
Dolphin	24	64	0	0	121	160	529	179	146	0	0	0	1223
Eels, cusk	0	0	0	0	8	0	0	0	0	0	0	0	8
Flounder, unclassified	77	0	95	87	269	165	0	0	0	0	0	628	1321
Great barracuda	0	0	0	130	0	326	0	437	270	389	823	144	2519
Greater amberjack	1131	515	155	140	774	35404	8012	31394	6527	4623	14330	3945	106950
Grouper, black	0	0	8	31	90	0	0	0	0	28	0	0	157
Grouper, scamp	22	0	152	172	145	13	18	0	46	83	0	0	651
Grouper, unclassified	0	2636	2848	2329	12418	6566	8549	5725	1648	2253	2472	7125	54569
Grouper, warsaw	59	159	300	281	2062	1252	1437	1158	989	1595	301	603	10196
Grouper, yellowedge	0	0	0	51	42	0	8	0	0	0	0	0	101
Kingfish, unclassified	0	0	0	305	224	0	0	0	0	0	0	0	529
Mackerel, king	0	9960	58172	0	0	0	148430	109675	0	0	0	0	326237
Mullet, unclassified	0	0	0	106	0	0	241	0	0	0	0	0	347
Oilfish	2270	252	99	623	1606	215	537	70	133	0	0	0	5805
Porgy, unclassified	0	0	42	23	95	0	1	0	0	0	0	0	161
Shark, unclassified	3196	4308	13158	88	0	0	25968	0	0	0	0	0	46718
Sheepshead	0	0	0	0	0	0	0	0	0	0	220	108	328
Snapper, lane	0	0	0	4	0	0	1	0	0	0	0	122	127
Snapper, red	0	187939	162830	188536	0	0	0	0	55787	189665	0	0	784757
Snapper, unclassified	0	593	727	1265	4295	0	16	0	0	5860	0	145	12901
Snapper, vermilion	31569	18219	37791	51115	27754	3618	3159	4863	8451	24485	31069	28733	270826
Swordfish	767	161	0	178	1227	630	697	485	0	0	0	0	4145
Tilefish	0	0	0	0	3791	6916	5123	6070	0	0	5154	2040	29095
Triggerfish, gray	425	939	1202	2557	1301	4906	58	349	400	714	235	132	13218
Tuna, Atlantic bonito	1242	87	0	0	0	0	340	1166	0	0	0	0	2835
Tuna, blackfin	496	0	0	0	0	39	49	0	0	0	0	0	584
Tuna, yellowfin	21030	1178	725	2387	19263	7360	33250	5270	3009	0	0	0	93472
Unclassified food	439	262	1079	1828	1238	1501	423	2241	250	785	1028	1081	12155
Wahoo	274	74	120	194	1196	209	1193	813	255	0	0	0	4328
Total finfish	65336	229092	282382	258661	81577	70966	240414	170672	78760	239814	70649	47991	1836314

Table E.3. (Continued).

Species	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
SHELLFISH													
Crab, blue	0	0	0	0	0	0	3286	0	0	0	0	847	4133
Squid, unclassified	0	92	0	0	0	0	0	0	0	145	52	0	289
Total shellfish	0	92	0	0	0	0	3286	0	0	145	52	847	4422
Grand Total	65336	229184	282382	258661	81577	70966	243700	170672	78760	239959	70701	48838	1840736

Table E.4. Ex-vessel (\$) value of each species, except shrimp, landed commercially from Gulf of Mexico grid zone 18.0 during 1998.

Species	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
FINFISH													
Black drum	0	0	0	0	0	0	0	0	0	2967	9041	1323	13331
Blue runner	459	278	669	1701	953	210	471	99	194	1652	771	439	7894
Cobia	610	667	584	968	802	803	841	380	230	29	315	0	6228
Dolphin	20	53	0	0	99	127	514	239	244	0	0	0	1356
Eels, cusk	0	0	0	0	5	0	0	0	0	0	0	0	5
Flounder, unclassified	127	0	102	80	313	297	0	0	0	0	0	628	1547
Great barracuda	0	0	0	79	0	150	0	210	135	140	371	72	1157
Greater amberjack	961	536	169	135	748	28033	7754	30196	6548	4491	13503	3688	96762
Grouper, black	0	0	15	63	221	0	0	0	0	58	0	0	357
Grouper, scamp	37	0	291	397	339	25	35	0	93	162	0	0	1379
Grouper, unclassified	0	5249	5867	5355	29288	13342	18808	13100	3201	3846	5402	15669	119126
Grouper, warsaw	100	243	464	490	2980	1861	2429	1962	1592	2445	510	971	16046
Grouper, yellowedge	0	0	0	122	172	0	18	0	0	0	0	0	312
Kingfish, unclassified	0	0	0	61	45	0	0	0	0	0	0	0	106
Mackerel, king	0	11354	63197	0	0	0	147214	96987	0	0	0	0	318752
Mullet, unclassified	0	0	0	53	0	0	933	0	0	0	0	0	986
Oilfish	2121	227	89	561	1367	174	403	53	100	0	0	0	5094
Porgy, unclassified	0	0	20	11	48	0	1	0	0	0	0	0	80
Shark, unclassified	927	1001	2942	26	0	0	5151	0	0	0	0	0	10046
Sheepshead	0	0	0	0	0	0	0	0	0	0	116	48	163
Snapper, lane	0	0	0	7	0	0	1	0	0	0	0	165	173
Snapper, red	0	359069	361393	433622	0	0	0	0	118777	359153	0	0	1632015
Snapper, unclassified	0	830	1439	2778	9333	0	14	0	0	13161	0	197	27753
Snapper, vermillion	63458	33805	75623	105271	56500	7152	6330	9266	13367	38469	55956	48368	513566
Swordfish	1964	464	0	320	2696	1357	1071	845	0	0	0	0	8716
Tilefish	0	0	0	1	5067	8336	6864	6775	278	1161	47	92	35575
Triggerfish, gray	537	497	605	1702	996	3538	43	235	0	0	0	0	9732
Tuna, Atlantic bonito	335	23	0	0	0	0	102	455	0	0	0	0	916
Tuna, blackfin	595	0	0	0	0	39	0	44	0	0	0	0	678
Tuna, yellowfin	84856	4045	2256	7530	50095	15818	26703	11007	5933	0	0	0	208242
Unclassified food	132	215	505	919	679	1155	423	558	88	253	774	811	6511
Wahoo	290	111	162	175	1287	276	1294	732	97	0	0	0	4423
Total finfish	157529	418668	516392	562425	164033	82693	227415	173203	150877	427986	92788	75020	3049029

Table E.4. (Continued).

Species	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
SHELLFISH													
Crab, blue	0	0	0	0	0	0	1150	0	0	0	0	296	1447
Squid, unclassified	0	46	0	0	0	0	0	0	0	73	26	0	145
Total shellfish	0	46	0	0	0	0	1150	0	0	73	26	296	1591
Grand Total	157529	418714	516392	562425	164033	82693	228565	173203	150877	428058	92814	75316	3050620

Table E.5. Weight (lb) of each species, except shrimp, landed commercially from Gulf of Mexico grid zone 19.0 during 1998.

Species	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
FINFISH													
Atlantic croaker	0	0	0	0	0	19	19	0	0	0	0	0	38
Black drum	0	0	0	0	0	10	0	0	0	0	0	0	10
Cobia	197	1345	1255	1436	0	36	163	0	202	134	85	0	4853
Dolphin	0	0	0	0	0	42	0	0	0	55	0	0	97
Florida pompano	0	0	22	0	0	0	0	0	0	28	0	0	50
Flounder, unclassified	3	0	0	0	122	59	426	78	0	122	193	2344	3347
Greater amberjack	504	295	1575	162	118	1252	2717	3998	397	1062	5989	1210	19279
Grouper, black	0	0	0	0	0	0	0	0	0	195	0	0	195
Grouper, scamp	0	35	92	766	471	0	85	0	37	0	34	0	1520
Grouper, unclassified	3259	2838	2656	3683	1831	2583	977	2161	857	3469	5258	4087	33659
Grouper, warsaw	336	328	384	1181	89	0	92	0	874	549	186	975	4994
Grouper, yellowedge	440	0	50	824	0	0	42	0	0	0	0	0	1356
Kingfish, unclassified	57	0	0	0	0	0	941	0	0	0	0	0	998
Mullet, unclassified	0	0	0	536	0	0	0	0	0	0	0	30	639
Porgy, unclassified	0	0	0	8	40	0	0	0	0	0	0	0	48
Shark, shortfin mako	0	276	436	0	0	0	0	0	0	0	0	0	712
Sheepshead	0	0	0	0	0	36	0	0	0	0	0	0	36
Snapper, lane	0	109946	71107	58941	0	0	0	0	14	16	0	61	91
Snapper, red	0	0	0	0	0	0	0	0	18544	51893	0	0	310431
Snapper, silk	0	0	0	0	158	0	0	0	0	0	0	0	158
Snapper, unclassified	4303	1340	5436	6019	5425	708	194	377	525	3120	3160	965	31572
Snapper, vermilion	10835	3960	4603	12207	3192	0	3189	0	4813	2549	2106	9603	57057
Tilefish	0	0	0	0	237	0	0	0	0	0	0	0	237
Triggerfish, gray	446	1344	1816	1106	288	0	262	101	297	680	147	86	6573
Tuna, blackfin	134	213	0	0	0	22	0	0	0	0	564	155	1088
Tuna, unclassified	0	0	0	0	0	0	36	0	0	0	0	0	36
Unclassified food	0	0	245	240	187	641	19	0	0	0	0	283	1615
Unclassified scrap	0	0	0	0	0	0	0	0	450	570	0	0	1020
Total finfish	20514	121920	89750	87109	12158	5408	9162	6715	27010	64442	17722	19799	481709

Table E.5. (Continued).

Species	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
SHELLFISH													
Crab, blue	0	0	48	0	0	0	0	0	0	0	0	0	48
Squid, unclassified	158	0	0	0	0	20	0	528	678	532	0	0	1916
Total shellfish	158	0	48	0	0	20	0	528	678	532	0	0	1964
Grand Total	20672	121920	89798	87109	12158	5428	9162	7243	27688	64974	17722	19799	483673

Table E.6. Ex-vessel (\$) value of each species, except shrimp, landed commercially from Gulf of Mexico grid zone 19.0 during 1998.

Species	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
FINFISH													
Atlantic croaker	0	0	0	0	0	75	75	0	0	0	0	0	150
Black drum	0	0	0	0	0	15	0	0	0	0	0	0	15
Cobia	331	2087	2073	2175	0	60	275	0	308	164	164	0	7637
Dolphin	0	0	0	0	0	61	0	0	0	65	0	0	126
Florida pompano	0	0	9	0	0	0	0	0	0	30	0	0	39
Flounder, unclassified	5	0	0	0	251	162	907	169	0	244	221	5060	7020
Greater amberjack	619	343	2567	204	136	1502	3657	4998	497	1285	7767	1486	25060
Grouper, black	0	0	0	0	0	0	0	0	0	388	0	0	388
Grouper, scamp	0	67	214	1785	796	0	169	0	73	0	65	0	3169
Grouper, unclassified	6895	5729	5864	8351	3516	4934	2074	4581	1856	7348	11139	8570	70857
Grouper, warsaw	840	573	780	2303	150	0	167	0	1667	1046	356	1859	9740
Grouper, yellowedge	990	0	115	1747	0	0	84	0	0	0	0	0	2935
Kingfish, unclassified	37	0	0	0	0	0	329	0	0	0	0	0	366
Mullet, unclassified	0	0	19	166	0	0	0	0	0	0	0	38	223
Porgy, unclassified	0	0	0	4	19	0	0	0	0	0	0	0	23
Shark, shortfin mako	0	174	253	0	0	0	0	0	0	0	0	0	427
Sheepshead	0	0	0	0	0	18	0	0	0	0	0	0	18
Snapper, lane	0	0	0	0	0	0	0	0	26	30	0	93	150
Snapper, red	0	224769	162560	147248	0	0	0	0	43304	101558	0	0	679438
Snapper, silk	0	0	0	0	242	0	0	0	0	0	0	0	242
Snapper, unclassified	9305	2412	11742	13004	8572	1211	394	765	945	4919	6406	1955	61629
Snapper, vermilion	29796	7484	10357	25615	4756	0	6824	0	9973	4087	3604	11938	114435
Tilefish	0	0	0	0	424	0	0	0	0	0	0	0	424
Triggerfish, gray	291	801	1047	762	220	0	176	88	172	418	127	75	4177
Tuna, blackfin	151	288	0	0	0	30	0	0	0	0	762	210	1441
Tuna, unclassified	0	0	0	0	0	0	48	0	0	0	0	0	48
Unclassified food	0	0	235	230	180	615	20	0	0	0	0	142	1422
Unclassified scrap	0	0	0	0	0	0	0	0	306	388	0	0	694
Total finfish	49260	244727	197835	203594	19262	8683	15198	10601	59127	121969	30611	31425	992293

Table E.6. (Continued).

Species	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
SHELLFISH													
Crab, blue	0	0	32	0	0	0	0	0	0	0	0	0	32
Squid, unclassified	79	0	0	0	0	10	0	317	407	316	0	0	1128
Total shellfish	79	0	32	0	0	10	0	317	407	316	0	0	1160
Grand Total	49339	244727	197867	203594	19262	8693	15198	10918	59533	122285	30611	31425	993453

Table E.7. Weight (lb) of each species, except shrimp, landed commercially from Gulf of Mexico grid zone 20.0 during 1998.

Species	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
FINFISH													
Atlantic croaker	0	0	0	0	0	0	0	0	0	14	0	0	14
Atlantic cutlassfish	0	0	0	203	0	0	0	0	285	0	71	0	559
Black drum	0	0	0	0	0	8	0	0	0	0	0	0	8
Cobia	57	0	0	231	26	322	78	0	0	12	252	157	1135
Dolphin	0	0	0	0	0	0	60	6	0	9	0	0	75
Eels, cusk	0	54	27	20	55	39	0	0	0	0	37	0	232
Florida pompano	0	0	0	0	0	0	18	0	0	0	0	8	26
Flounder, unclassified	0	0	0	0	0	80	0	0	0	0	0	0	80
Flounder, unclassified	0	0	0	0	0	0	72	0	0	0	0	0	72
Great barracuda	130	5148	62	0	120	89	2691	152	105	1719	879	1229	12324
Greater amberjack	258	606	955	841	100	316	331	171	356	374	345	590	5243
Grouper, unclassified	532	39	628	74	100	219	1784	994	233	216	946	1369	7134
Grouper, warsaw	3081	0	10850	3474	53	4253	3388	1497	3802	3802	3841	5853	43894
Grouper, yellowedge	26	0	41	0	0	0	0	0	0	51	0	0	118
Mackerel, king	0	0	0	0	0	0	0	0	66	0	0	0	66
Shark, blacktip	350	31	0	0	0	0	0	0	0	0	423	0	804
Shark, shortfin mako	785	2084	4507	1094	35	255	441	444	798	272	591	249	11555
Shark, unclassified	0	30387	13151	16932	0	6	0	17	5111	16899	0	0	82486
Snapper, red	0	7	4	1898	22	0	0	0	22	42	0	0	2012
Snapper, unclassified	0	899	526	410	1192	254	0	845	457	539	340	396	5858
Snapper, vermilion	0	0	0	0	0	0	0	0	0	0	124	0	124
Swordfish	0	0	0	0	0	0	0	506	130	130	162	1438	2465
Tilefish	0	107	89	646	28	0	99	0	29	75	11	0	985
Triggerfish, gray	421	0	0	16	0	0	2396	0	0	332	260	0	3425
Tuna, blackfin	0	0	0	0	0	0	25	0	0	0	0	0	25
Tuna, yellowfin	0	0	0	0	0	31	65	0	0	0	0	0	96
Wahoo	5640	39362	30840	25839	1731	5872	11448	4632	11394	24486	8282	11289	180815
Total finfish													

Table E.7. (Continued).

Species	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
SHELLFISH													
Squid, unclassified	0	0	0	0	0	0	0	0	79	100	41	0	220
Total shellfish	0	0	0	0	0	0	0	0	79	100	41	0	220
Grand Total	5640	39362	30840	25839	1731	5872	11448	4632	11473	24586	8323	11289	181035

Table E.8. Ex-vessel (\$) value of each species, except shrimp, landed commercially from Gulf of Mexico grid zone 20.0 during 1998.

Species	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
FINFISH													
Atlantic croaker	0	0	0	0	0	0	0	0	0	7	0	0	7
Atlantic cutlassfish	0	0	0	193	0	0	0	0	271	0	68	0	531
Black drum	0	0	0	0	0	12	0	0	0	0	0	0	12
Cobia	77	0	0	388	42	773	156	0	0	30	518	257	2241
Dolphin	0	0	0	0	0	0	120	18	0	23	0	0	160
Eels, cusk	0	79	24	18	44	35	0	0	0	0	30	0	230
Florida pompano	0	0	0	0	0	0	36	0	0	0	0	16	52
Flounder, unclassified	0	0	0	0	0	220	0	0	0	0	0	0	220
Great barracuda	0	0	0	0	0	0	144	0	0	0	0	0	144
Greater amberjack	176	12090	104	0	193	133	4953	255	171	3058	1509	2126	24769
Grouper, unclassified	493	1106	1853	1675	161	534	627	327	702	700	598	1089	9865
Grouper, warsaw	814	60	961	154	169	287	2797	1600	429	366	1593	1860	11090
Grouper, yellowedge	6532	0	23002	9554	127	7911	7321	2665	6768	6766	6510	11904	89058
Mackerel, king	23	0	37	0	0	0	0	0	0	81	0	0	140
Shark, blacktip	0	0	0	0	0	0	0	0	43	0	0	0	43
Shark, shortfin mako	378	22	0	0	0	0	0	0	0	0	182	0	583
Shark, unclassified	707	896	1938	317	15	111	114	190	397	118	170	107	5080
Snapper, red	0	61202	30234	40453	0	5	0	0	11436	20408	0	0	163737
Snapper, unclassified	0	6	4	3418	20	0	0	15	44	82	0	0	3589
Snapper, vermilion	0	1618	1068	832	2420	457	0	1521	823	878	383	888	10887
Swordfish	0	0	0	0	0	0	0	0	0	0	361	0	361
Tilefish	0	0	0	0	0	0	145	567	146	145	181	1541	2725
Triggerfish, gray	0	51	43	465	23	0	0	0	30	59	9	0	680
Tuna, blackfin	674	0	0	16	0	0	1496	0	0	598	468	0	3252
Tuna, yellowfin	0	0	0	0	0	0	63	0	0	0	0	0	63
Wahoo	0	0	0	0	0	47	98	0	0	0	0	0	145
Total finfish	9872	77131	59267	57483	3213	10525	18070	7158	21258	33317	12579	19788	329661

Table E.8. (Continued).

Species	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
SHELLFISH													
Squid, unclassified	0	0	0	0	0	0	0	0	71	50	21	0	142
Total shellfish	0	0	0	0	0	0	0	0	71	50	21	0	142
Grand Total	9872	77131	59267	57483	3213	10525	18070	7158	21329	33367	12600	19788	329803

Table E.9. Weight (lb) of each species, except shrimp, landed commercially from Gulf of Mexico grid zone 21.0 during 1998.

Species	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
FINFISH													
Atlantic croaker	0	5	0	0	0	0	0	0	0	0	0	0	5
Black drum	0	0	90	0	0	0	0	0	0	0	0	0	90
Cobia	0	73	0	0	0	0	0	0	8	0	0	0	81
Dolphin	0	28	34	26	185	132	280	2089	575	452	95	91	3987
Greater amberjack	0	33	0	36	0	0	0	0	22	5	0	0	96
Grouper, unclassified	0	100	134	108	0	0	0	0	8	0	0	0	350
Grouper, warsaw	0	58	155	57	0	0	0	0	67	118	0	0	455
Grouper, yellowfin	0	91	136	136	0	0	0	0	41	72	0	0	476
Herring, unclassified	0	0	0	0	0	0	0	0	24	0	0	0	24
Mullet, unclassified	0	0	38	76	20	109	95	310	56	0	40	120	864
Oilfish	1097	1390	727	830	395	258	159	3124	731	851	567	1471	11600
Shark, blacktip	0	61	0	0	0	0	0	0	0	0	0	0	61
Shark, shortfin mako	0	0	183	0	240	89	170	870	0	0	0	0	1552
Shark, unclassified	0	0	454	1515	500	0	325	0	0	989	0	847	4630
Snapper, red	0	17815	16034	15300	0	0	0	0	4703	9415	0	0	63267
Snapper, unclassified	0	0	8	7	0	0	0	0	0	0	0	0	15
Snapper, vermilion	0	1148	985	907	0	0	0	0	907	1066	0	0	5013
Swordfish	6225	11068	6108	5347	4651	3646	5195	15012	7822	9712	3380	8339	86505
Triggerfish, gray	0	91	18	170	0	0	0	0	0	0	0	0	279
Tuna, blackfin	0	0	0	0	133	39	683	535	13	0	0	58	1461
Tuna, bluefin	0	0	0	608	0	0	0	0	0	0	0	0	608
Tuna, unclassified	0	125	0	72	450	0	0	0	0	0	0	0	647
Tuna, yellowfin	9646	16463	7518	4386	23580	8845	10146	49856	18452	12996	2786	44820	209494
Unclassified food	22	0	0	0	39	115	145	808	377	0	0	0	1506
Unclassified scrap	0	0	0	0	0	0	0	0	8	0	0	0	8
Wahoo	44	0	0	0	0	0	0	0	0	0	0	0	44
Total finfish	17034	48549	32622	29581	30193	13233	17198	72604	33814	35676	6868	55746	393118

Table E.9. (Continued).

Species	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
SHELLFISH													
Shrimp, mantis	0	27	0	0	0	0	0	0	0	0	0	0	27
Squid, unclassified	250	375	150	0	0	1783	3585	110	80	0	0	0	6333
Total shellfish	250	402	150	0	0	1783	3585	110	80	0	0	0	6360
Grand Total	17284	48951	32772	29581	30193	15016	20783	72714	33894	35676	6868	55746	399478

Table E.10. Ex-vessel (\$) value of each species, except shrimp, landed commercially from Gulf of Mexico grid zone 21.0 during 1998.

Species	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
FINFISH													
Atlantic croaker	0	3	0	0	0	0	0	0	0	0	0	0	3
Black drum	0	0	122	0	0	0	0	0	0	0	0	0	122
Cobia	0	103	0	0	0	0	0	0	10	0	0	0	113
Dolphin	0	29	35	27	154	137	291	2173	599	377	79	76	3977
Greater amberjack	0	35	0	38	0	0	0	0	26	6	0	0	106
Grouper, unclassified	0	170	255	189	0	0	0	0	18	0	0	0	631
Grouper, warsaw	0	102	184	72	0	0	0	0	86	140	0	0	584
Grouper, yellowfin	0	154	227	288	0	0	0	0	61	122	0	0	853
Herring, unclassified	0	0	0	0	0	0	0	0	79	0	0	0	79
Mullet, unclassified	0	0	48	95	25	164	143	435	163	0	54	162	1287
Oilfish	823	1626	654	971	446	232	179	2812	659	767	511	994	10674
Shark, blacktip	0	26	0	0	0	0	0	0	0	0	0	0	26
Shark, shortfin mako	0	0	172	0	216	80	153	626	0	0	0	0	1248
Shark, unclassified	0	0	216	463	145	0	94	0	0	287	0	246	1450
Snapper, red	0	39370	39994	39939	0	0	0	0	10558	14938	0	0	144799
Snapper, unclassified	0	0	10	18	0	0	0	0	0	0	0	0	27
Snapper, vermilion	0	2113	1835	1633	0	0	0	0	1580	1680	0	0	8840
Swordfish	18171	21874	11005	9162	9459	5340	8525	24290	14420	18708	4301	12358	157614
Triggerfish, gray	0	46	9	85	0	0	0	0	0	0	0	0	140
Tuna, blackfin	0	0	0	0	53	11	307	241	6	0	0	26	644
Tuna, bluefin	0	0	0	1672	0	0	0	0	0	0	0	0	1672
Tuna, unclassified	0	560	0	356	2036	0	0	0	0	0	0	0	2952
Tuna, yellowfin	37693	43127	22065	13730	70471	16198	22017	76859	36646	27603	5249	111169	482837
Unclassified food	29	0	0	0	39	115	145	999	471	0	0	0	1798
Unclassified scrap	0	0	0	0	0	0	0	0	20	0	0	0	20
Wahoo	41	0	0	0	0	0	0	0	0	0	0	0	41
Total finfish	56757	109337	76830	68739	83045	22277	31855	108444	65401	64628	10194	125030	822535

Table E.10. (Continued).

Species	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
SHELLFISH													
Shrimp, mantis	0	23	0	0	0	0	0	0	0	0	0	0	23
Squid, unclassified	188	224	68	0	0	461	911	44	32	0	0	0	1927
Total shellfish	188	246	68	0	0	461	911	44	32	0	0	0	1949
Grand Total	56944	109583	76897	68739	83045	22738	32766	108488	65433	64628	10194	125030	824484

Table E.11. Weight (lb) of each shrimp species (heads-on) landed commercially from the Gulf of Mexico during 1998.

Month	Brown and Pink	White	Other	Total
January	1,001,761	314,332	36,635	1,352,729
February	921,348	267,783	31,475	1,220,607
March	484,782	299,983	71,043	855,807
April	540,261	309,147	1,408,502	2,257,911
May	507,491	594,532	1,060,151	2,162,175
June	980,799	688,183	46,858	1,715,840
July	8,191,062	1,527,894	33,990	9,752,945
August	11,651,188	1,411,395	113,063	13,175,647
September	7,648,324	2,054,292	34,284	9,736,901
October	4,534,439	3,763,760	71,319	8,369,519
November	2,907,029	3,005,116	86,835	5,998,980
December	2,797,082	1,590,042	352,117	4,739,241
Total	42,165,568	15,826,460	3,346,272	61,338,300

Table E.12. Ex-vessel value (\$) of each shrimp species (heads-on) landed commercially from the Gulf of Mexico during 1998.

Month	Brown and Pink	White	Other	Total
January	3,606,696	941,734	20,966	4,569,396
February	3,680,029	658,436	28,167	4,366,632
March	1,957,983	852,711	53,980	2,864,674
April	2,124,169	1,065,863	805,753	3,995,785
May	1,587,102	2,251,873	554,607	4,393,582
June	1,127,095	2,053,671	23,846	3,204,612
July	15,036,263	5,399,764	33,015	20,469,042
August	24,731,809	3,752,565	92,675	28,577,049
September	19,693,256	5,273,988	31,366	24,998,610
October	13,092,442	10,344,132	83,911	23,520,485
November	7,933,358	8,735,824	51,147	16,720,329
December	7,812,284	4,584,646	170,034	12,566,964
Total	102,382,486	45,915,207	1,949,467	150,247,160

Appendix F. Weight (lb) and ex-vessel value (\$) of menhaden caught off Texas but landed commercially in Louisiana during 1977-1998.

Table F.1. Total weight (lb. x 1,000) and ex-vessel value (\$ x 1,000) of menhaden (*Brevoortia sp.*) caught off Texas but landed commercially in Louisiana during 1977-1998. Data from NMFS.

Year	Total weight landed	Total ex-vessel value
1977	46,076.1	1,828.8
1978	111,552.8	4,813.5
1979	116,623.3	4,983.3
1980	52,028.6	2,323.6
1981	131,394.2	5,148.0
1982	121,693.9	4,698.6
1983	95,459.2	3,865.1
1984	116,623.3	4,588.0
1985	49,550.6	1,949.3
1986	141,147.3	7,410.2
1987	110,230.0	4,626.4
1988	80,485.1	4,185.2
1989	95,700.0	4,785.0
1990	76,673.8	3,680.3
1991	75,862.5	3,641.4
1992	52,320.2	2,616.0
1993	51,883.7	2,490.4
1994	85,554.0	4,021.0
1995	74,451.8	3,499.2
1996	75,344.8	3,729.6
1997	133,440.0	6,863.8
1998	87,112.9	4,536.0

Appendix G. Weight (lb) of Eastern oyster meat transplanted to private oyster leases, and weight and ex-vessel value (\$) of reported commercial landings from private oyster leases in Texas bay systems, 1977-1998.

Table G.1. Total weight (lb. x 1,000) and ex-vessel value (\$ x 1,000) of commercial landings of Eastern oyster meat from private oyster leases in Texas bays during 1977-1998. Data based on annual oyster location lease reports of private oyster leaseholders.

Year	Total number of leases	Total acreage leased	Total weight landed	Total ex-vessel value
1977	32	1,831.7	1,078.4	1,293.3
1978	35	1,946.9	508.6	577.6
1979	44	2,368.1	40.9	63.4
1980	44	2,368.1	600.0	982.0
1981	45	2,446.9	504.0	799.8
1982	45	2,446.9	704.1	1,034.7
1983	48	2,510.2	1,047.8	1,495.9
1984	47	2,466.3	643.9	1,095.4
1985	44	2,356.2	483.4	876.5
1986	44	2,356.2	1,652.6	3,246.4
1987	44	2,356.2	1,165.7	2,774.3
1988	43	2,322.0	801.5	2,002.2
1989	43	2,322.0	729.5	1,812.8
1990	43	2,322.0	704.2	2,591.8
1991	43	2,322.0	902.6	2,579.7
1992	43	2,322.0	763.3	1,574.8
1993	43	2,322.0	515.9	842.0
1994	43	2,322.0	1,225.4	2,009.7
1995	43	2,322.0	1,150.7	2,117.3
1996	43	2,322.0	1,457.5	3,263.4
1997	43	2,322.0	987.2	2,566.1
1998	43	2,322.0	414.6	999.5

Table G.2. Total weight (lb x 1,000) of Eastern oyster meat transplanted to private oyster leases in Texas bay systems during 1978^a-1998. Data based on weekly oyster transplant reports submitted to TPWD by oyster leaseholders.^b

Year	Months												Total
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1978	0.0	0.0	0.0	0.0	378.0	35.0	0.0	353.5	245.0	0.0	0.0	0.0	1,011.5
1979	0.0	0.0	0.0	0.0	582.8	0.0	0.0	271.3	24.5	0.0	0.0	0.0	878.5
1980	0.0	0.0	0.0	0.0	355.3	61.3	0.0	141.8	0.0	0.0	0.0	0.0	558.3
1981	0.0	0.0	0.0	0.0	656.3	124.3	0.0	185.5	318.5	0.0	0.0	0.0	1,284.5
1982	0.0	0.0	0.0	0.0	372.8	7.0	0.0	435.8	21.0	0.0	0.0	0.0	836.5
1983	0.0	0.0	0.0	0.0	871.5	432.3	0.0	493.5	236.3	0.0	0.0	0.0	2,033.5
1984	0.0	0.0	0.0	341.3	484.8	0.0	0.0	761.3	283.5	0.0	0.0	0.0	1,870.8
1985	0.0	0.0	0.0	0.0	693.0	448.0	273.0	502.3	99.8	0.0	0.0	0.0	2,016.0
1986	0.0	0.0	0.0	0.0	1,436.9	402.3	530.5	530.4	442.0	123.3	0.0	0.0	3,465.4
1987	0.0	0.0	0.0	0.0	1,025.6	338.4	340.7	251.6	189.4	146.3	0.0	0.0	2,292.1
1988	0.0	0.0	0.0	0.0	1,424.3	360.8	0.0	80.5	73.9	4.9	0.0	0.0	1,944.5
1989	0.0	0.0	0.0	0.0	639.1	127.3	0.0	116.3	145.9	174.2	0.0	0.0	1,203.8
1990	0.0	0.0	0.0	0.0	824.1	213.3	0.0	146.7	696.1	226.2	0.0	0.0	2,106.4
1991	0.0	0.0	0.0	0.0	694.4	215.9	0.0	314.7	278.8	13.3	0.0	0.0	1,517.1
1992	0.0	0.0	0.0	0.0	593.1	210.4	0.0	0.0	442.7	221.9	0.0	0.0	1,468.1
1993	0.0	0.0	0.0	0.0	811.1	0.0	0.0	0.0	255.4	0.0	0.0	0.0	1,066.5
1994	0.0	0.0	0.0	0.0	490.3	0.0	0.0	0.0	553.2	0.0	0.0	0.0	1,043.5
1995	0.0	0.0	0.0	0.0	824.2	0.0	0.0	0.0	406.0	0.0	0.0	0.0	1,230.3
1996	0.0	0.0	0.0	0.0	1,164.8	0.0	0.0	0.0	325.9	0.0	0.0	0.0	1,490.7
1997	0.0	0.0	0.0	0.0	888.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	888.5
1998	0.0	0.0	0.0	0.0	1,398.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,398.8

^aData prior to 1978 not available.

^bThe weight of oysters in a transplant barrel is not comparable to oyster meat weight in a harvest barrel (culled market oysters).

Table G.3. Total weight (lb x 1,000) of Eastern oyster meat landed from private oyster leases in Texas bay systems during 1978*-1997. Data based on monthly oyster harvest reports submitted to TPWD by oyster leaseholders.

Year	Months												Total
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1978	60.6	49.8	58.0	55.1	13.5	65.1	83.5	25.7	41.9	53.9	1.6	0.0	508.7
1979	0.4	1.4	0.7	0.0	0.0	0.0	6.2	0.0	0.0	14.1	9.9	5.6	38.3
1980	17.8	16.3	12.8	20.5	47.0	77.2	113.4	76.1	99.5	85.0	1.1	2.1	568.8
1981	26.1	36.3	30.5	38.1	47.6	62.6	67.2	35.1	22.7	49.3	31.4	28.8	475.7
1982	11.6	14.6	26.2	38.7	64.9	63.0	60.4	66.5	64.3	92.1	0.0	0.0	502.3
1983	0.0	25.4	35.6	82.4	120.9	198.9	164.6	65.1	64.5	88.8	11.2	6.9	864.3
1984	8.2	10.5	36.9	45.2	83.9	123.6	42.4	43.9	29.2	104.1	1.4	14.5	543.8
1985	5.4	0.0	0.0	6.8	42.4	84.1	83.0	58.4	40.3	65.0	0.0	0.0	385.4
1986	51.9	99.2	117.6	160.3	122.1	237.6	240.4	215.7	71.2	129.6	2.7	37.8	1,486.1
1987	0.0	110.6	64.5	91.2	167.3	256.8	159.2	120.8	62.4	65.9	54.4	11.3	1,164.4
1988	4.8	51.4	77.4	96.4	31.1	168.4	134.8	73.4	32.6	83.8	8.2	12.0	774.3
1989	31.1	65.5	87.6	75.2	92.1	139.2	0.0	60.4	68.6	81.3	1.9	14.4	717.3
1990	20.4	36.9	77.0	78.8	81.1	135.1	69.6	32.1	42.6	109.8	6.7	14.1	704.2
1991	2.0	18.1	2.2	27.9	193.8	130.4	133.8	124.5	142.1	127.2	0.2	0.4	902.6
1992	6.5	12.8	29.1	8.4	105.9	100.9	127.2	113.0	124.9	134.0	0.0	0.5	763.3
1993	0.3	0.0	0.0	0.0	124.5	92.7	88.8	72.1	75.8	55.4	6.3	0.0	515.9
1994	0.0	0.0	0.0	0.0	173.0	202.9	227.6	233.8	191.8	196.3	0.0	0.0	1,225.4
1995	5.9	1.8	2.9	0.9	162.6	226.9	244.1	219.6	140.6	145.4	0.0	0.0	1,150.7
1996	0.0	0.0	0.0	0.0	213.9	262.4	251.9	257.6	100.2	370.1	0.6	0.8	1,457.5
1997	5.2	1.9	0.0	1.0	80.9	185.1	223.5	235.9	106.6	147.0	0.0	0.0	987.2
1998	0.0	0.0	0.0	0.0	175.2	194.8	0.0	0.0	0.0	44.6	0.0	0.0	414.6

*Data prior to 1978 not available.

Appendix H. Number of commercial licenses sold in Texas in each fiscal year
(September-August) from 1956-1998.

Table H.1. Number of commercial dealer licenses sold in Texas in each fiscal year from 1956 through 1998*. Before 1972, license sales were assigned to the fiscal year in which license applications were processed in Austin. Thereafter, sales reflect actual licenses for the license year, regardless of when the sales were processed.

Fiscal year	Retail fish ^b		Retail fish truck	Bait fish	Whole-sale fish truck	Shrimp house operator	Bait shrimp	Finfish Import
	Large	Small						
1956	2,675	1,444	75	3,936	96	0	0	0
1957	2,691	1,425	80	3,533	88	0	0	0
1958	2,792	1,376	84	4,391	142	0	0	0
1959	2,809	1,593	84	5,007	171	6	25	25
1960	3,163	1,491	86	4,043	175	18	582	582
1961	3,390	1,499	78	3,865	185	9	528	528
1962	3,388	1,549	63	3,421	187	10	502	502
1963	3,414	1,594	88	3,192	201	16	500	500
1964	3,485	1,650	76	3,260	205	29	476	476
1965	3,435	1,598	73	3,034	209	36	412	412
1966	3,467	1,617	65	2,968	234	28	417	417
1967	3,433	1,573	46	3,272	227	29	416	416
1968	3,455	1,619	57	3,030	241	37	432	432
1969	3,445	1,645	50	3,071	203	31	405	405
1970	3,574	1,599	53	3,169	211	33	408	408
1971	3,639	1,585	73	3,214	225	34	397	397
1972	3,758	1,543	96	3,113	219	33	439	439
1973	3,692	1,523	122	2,921	219	33	430	430
1974	3,721	1,478	167	2,456	251	27	417	417
1975	3,630	1,413	437	2,675	250	26	417	417
1976	3,513	1,450	489	2,998	241	27	423	423
1977	3,005	1,331	601	3,020	260	25	422	422
1978	2,920	1,301	786	2,991	259	27	419	419
1979	2,817	1,212	605	2,877	255	28	449	449
1980	2,449	1,124	544	2,853	265	30	476	476
1981	2,482	1,156	895	2,776	254	27	500	500
1982	2,256	1,144	1,287	2,828	307	29	520	520
1983	2,202	1,120	1,185	2,895	329	34	543	543
1984 ^c	5,122		900	2,600	325	28	484	484
1985	4,994		1,026	2,638	327	26	488	488
1986	4,560		1,005	2,751	361	28	510	510
1987	4,397		844	2,733	398	29	505	505
1988	3,989		776	2,756	447	30	527	527
1989	3,800		759	2,712	448	26	532	532
1990	3,653		675	2,641	406	23	527	527
1991	3,574		655	2,627	392	19	479	479
1992	3,369		701	2,557	440	16	400	400
1993	3,274		823	2,453	447	13	387	387
1994	3,500		959	3,119	539	14	404	404
1995	3,376		981	3,119	651	16	381	381
1996	3,610		1,061	2,971	781	13	382	382
1997	3,168		910	2,544	697	14	363	363
1998	3,133		761	272	670	-	354	354

*License data are not additive for any row since dealers may have multiple licenses.
^bLarge = Dealer located in a city with >40,000 population.
Medium = Dealer located in a city with 7,500 to 40,000 population.
Small = Dealer located in a city with <7,500 population.
^cBeginning in fiscal year 1984, all retail fish dealer licenses were combined into one category.

Table H.2. Number of commercial saltwater fishermen licenses sold in Texas in each fiscal year from 1956 through 1998. Before 1972, license sales were assigned to the fiscal year in which license applications were processed in Austin. Thereafter, sales reflect actual licenses for the license year, regardless of when the sales were processed. Total non-resident licenses are in parentheses.

Fiscal year	Tidal water	Red drum	General				Finfish		Oyster			
			Fishesmen Vessel	Resident ^a Fishermen Vessel	Non-Resident Fishermen Vessel	Resident	Non-resident ^b	Resident Fisherman	Boat Captain			
										Resident	Non-resident ^b	
1956			10,382									
1957			10,072									
1958			15,554									
1959			16,538									
1960			18,695									
1961			23,634									
1962			23,497									
1963			27,617									
1964			28,586									
1965			27,428									
1966			28,461									
1967			30,902									
1968			25,278									
1969			27,757									
1970			31,642									
1971			34,268									
1972			36,431									
1973			38,539									
1974			32,454									
1975			27,386									
1976			26,641									
1977			27,359									
1978		541	28,425									
1979	32,823	605	4,379									
1980		636	19,660	0	2,291	2,291	1,989	46				
1981		635	14,205	2,632	3,581	3,581	1,678	444				
1982			13,427	2,691	3,870	3,870	632	16				
1983			13,591	2,797	4,775	4,775	670	31				
1984			12,357	2,535	5,503	5,503	452	11				
1985			11,244	2,498	5,352	5,352	466	28				
1986			10,803	2,288	1,742	1,742	486	46				
1987			10,885	2,204	1,725	1,725	479	24				
1988			10,429	2,172	1,348	1,348	596	20				
1989			9,036	2,078	1,309	1,309	506	54				
1990			8,018	1,965	1,008	1,008	619	67				
1991			7,446	2,162	309	309	637	7				
1992			6,410	2,118	316	316	825	2				
1993			5,829	2,115	124	124	803	3				
1994			4,733	-	43	43	1,282	6				
1995			4,564	-	45	45	1,525	11				386 (9)
1996			3,201	-	61	61	986	4				412 (18)
1997			2,582	-	31	31	865	6				409 (14)
1998			2,260	-	32	32	768	5				531 (13) 484 (9)

^aUntil 1980 there were no divisions in the General Commercial Fishing Licenses.

^bTotal sales regardless of fee per license which depends on state of residency of purchaser.

Table H.3. Number of commercial fishing gear licenses sold in Texas in each fiscal year from 1956 through 1998. Before 1972, license sales were assigned to the fiscal year in which license applications were processed in Austin. Thereafter, sales reflect actual licenses for the license year, regardless of when the sales were processed. Total non-resident licenses are in parentheses.

Fiscal Year	Saltwater trotline tags	Seine tags ^a	Commercial oyster dredge ^b	Mussel dredge permit (power)	Crab Trap Tags
1956		10,832	150	0	
1957		10,107	129	0	
1958		9,414	30	0	
1959		10,467	230	0	
1960		11,089	258	0	
1961		12,869	374	0	
1962		11,269	249	0	
1963		12,207	408	1	
1964		13,209	153	1	
1965		12,784	198	1	
1966		13,183	210	0	
1967		13,959	153	3	
1968		13,704	106	10	
1969		13,753	97	2	
1970	11,360	14,084	115	0	
1971	14,229	14,996	126	0	
1972	16,211	13,820	195	0	
1973	18,499	15,356	126	0	
1974	22,570	17,319	99	0	
1975	17,391	16,617	40	0	
1976	18,100	17,277	16	0	
1977	18,493	16,045	72	0	
1978	14,488	14,738	59	0	
1979	16,371	17,312	58	2	
1980	16,866	13,971	52	8	
1981	17,947	9,510	109	1	
1982	16,702	8,096	103	2	
1983	15,943	8,498	169	0	
1984	9,323	6,325	265	1	
1985	7,818	7,164	127	1	
1986	8,318	7,184	116	0	
1987	8,849	6,528	185	2	
1988	9,841	7,264	784 (73)	0	
1989	9,538	2,859	941 (76)	3	
1990	10,587	2,545	-	5	
1991	9,930	2,060	-	3	
1992	9,692	-	-	4	51,007
1993	9,170	-	-	0	70,670
1994	9,796	-	-	0	90,618
1995	10,795	-	-	0	86,127
1996	12,575	-	-	-	88,222
1997	12,586	-	-	-	90,740
1998	12,196	-	-	-	83,731

^aNetting in saltwater was prohibited September 1, 1988.

^bCommercial oyster license not required for fishermen holding commercial bay or bait shrimp boat licenses from 1971 through 1987. Commercial oyster boat license took place of dredge license in 1990.

Table H.4. Number of commercial saltwater boat and vessel licenses sold in Texas in each fiscal year from 1956 through 1998*. Before 1972, license sales were assigned to the fiscal year in which license applications were processed in Austin. Thereafter, sales reflect actual licenses for the license year, regardless of when the sales were processed. Total non-resident licenses are within parentheses.

Fiscal Year	Fishing boat	Fishing Boat (menhaden only)	Gulf shrimp	Bay shrimp	Bay-bait shrimp boat	Bait shrimp boat	Commercial oyster boat
1956	1,392	39					
1957	1,535	36					
1958	2,466	36					
1959	2,657	47	125		1,846		
1960	2,280	21	1,755		2,506		
1961	1,616	24	1,947		2,456		
1962	1,396	24	1,655		3,328		
1963	1,314	13	1,636	24			
1964	1,380	17	1,958	1,849		1,196	
1965	1,236	26	1,958	2,217		1,321	
1966	1,147	22	1,947	1,969		1,460	
1967	1,029	27	2,140	1,760		1,752	
1968	997	39	2,437	1,953		632	
1969	978	37	2,624	2,457		768	
1970	1,066	36	2,871	3,218		881	
1971	1,086	31	2,900	3,743		966	
1972	1,320	42	3,239	4,040		1,261	
1973	1,354	54	3,393	3,985		1,372	
1974	1,456	45	3,225	3,793		1,625	
1975	1,278	53	2,714	3,234		1,341	
1976	1,388	50	2,571	2,827		1,404	
1977	1,586	36	2,886	3,233		1,449	
1978	1,379	18	3,168	3,765		1,521	
1979	1,755	22	3,363	4,444		1,751	
1980	1,504	13	3,311	4,467		2,026	
1981	1,254	12	3,738	5,215		2,218	
1982	787	38	4,027	4,477		2,277	
1983	1,095	41	4,139	4,771		2,724	
1984	1,100	36	3,824	4,724		2,837	
1985	917	26	3,630	4,456		2,713	
1986	947	25	2,946	3,660		2,445	
1987	1,042	26	3,083	3,340		2,454	
1988	1,233 (68)	25	2,427 (540)	3,037 (6)		2,376 (2)	
1989	1,181 (71)	22	2,233 (508)	2,779 (7)		2,135 (4)	
1990	994 (7)	22	2,170 (586)	2,503 (4)		1,882 (6)	552 (24)
1991	879 (2)	12	2,006 (568)	2,338 (5)		1,707 (3)	520 (33)
1992	1,252 (92)	13	1,852 (699)	1,960 (7)		1,551 (3)	431 (66)
1993	1,242 (12)	12	1,627 (473)	1,800 (4)		1,512 (1)	389 (17)
1994	1,459 (27)	13	1,421 (403)	1,589 (0)		1,475 (0)	312 (7)
1995	1,561 (35)	14	1,376 (466)	1,841 (0)		1,787 (0)	352 (12)
1996	1,681 (59)	17	1,343 (495)	1,643 (2)		1,588 (1)	325 (13)
1997	1,466 (37)	55	1,253 (483)	1,535 (1)		1,472 (1)	395 (11)
1998	1,308 (23)	24	1,127 (379)	1,492 (2)		1,457 (1)	358 (8)

*License data are not additive for any row since boats may have multiple licenses.

Appendix I. Weight (lb) and ex-vessel value (\$) of bait shrimp landed from Texas bay systems, annually from 1972-1988, and monthly by bay system for 1998.

Table I.1. Weight (lb) and ex-vessel value (\$) of bait shrimp (live and dead) landed commercially from Texas bay systems, 1994-1998.

	Weight			Value		
	Live	Dead	Total	Live	Dead	Total
1994	384610	335240	719850	1203293	574323	1777616
1995	577645	414807	992452	1865967	541492	2407459
1996	736655	689494	1426149	2357849	759430	3117279
1997	759679	1327854	2087533	3646258	1800401	5446659
1998	702032	1132964	1834996	2501071	1381043	3882114

Table I.2. Weight (lb) of bait shrimp landed commercially by month from Texas bay systems, 1998.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Live Bait	14466	19058	32630	68599	104890	98931	111395	74200	54066	60219	39566	24012	702032
Dead Bait	15536	13964	20398	56166	245491	242797	106223	60023	62383	76101	129426	104456	1132964
Total	30002	33022	53028	124765	350381	341728	217618	134223	116449	136320	168992	128468	1834996

Table I.3. Ex-vessel value (\$) of bait shrimp landed commercially by month from Texas bay systems, 1998.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Live Bait	60624	76703	127527	246318	381898	346537	399589	249083	181557	199881	143414	87939	2501070
Dead Bait	19753	20563	31492	80577	270864	247510	143054	82312	140004	97380	141393	106142	1381044
Total	80377	97266	159019	326895	652762	594047	542643	331395	321561	297261	284807	194081	3882114

Table I.4. Weight (lb) of bait shrimp landed commercially by month from the Sabine Lake system during 1998.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Live Bait	-	-	-	-	1132	5325	5524	3700	4218	5062	500	-	25461
Dead Bait	-	-	-	-	1057	1922	2703	2972	1356	1913	389	-	12312
Total	-	-	-	-	2189	7247	8227	6672	5574	6975	889	-	37773

Table I.5. Ex-vessel value (\$) of bait shrimp landed commercially by month from the Sabine Lake system during 1998.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Live Bait	-	-	-	-	2170	4099	6495	5072	2660	1220	60	-	21776
Dead Bait	-	-	-	-	1162	2013	2966	3195	1667	2341	490	-	13834
Total	-	-	-	-	3332	6112	9461	8267	4327	3561	550	-	35610

Table I.6. Weight (lb) of bait shrimp landed commercially by month from the Galveston Bay system during 1998.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Live Bait	7132	5115	6449	18602	42881	42693	55282	43094	27705	28056	17889	10161	305059
Dead Bait	10026	7028	6552	18629	159746	190932	64679	30547	36909	47506	102325	89945	764824
Total	17158	12143	13001	37231	202627	233625	119961	73641	64614	75562	120214	100106	1069883

Table I.7. Ex-vessel value (\$) of bait shrimp landed commercially by month from the Galveston Bay system during 1998.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Live Bait	23166	16167	21505	57786	145507	142452	178919	142199	90825	87679	54033	30411	990649
Dead Bait	9570	8117	7789	23048	155852	177331	82659	38095	40787	50778	98559	79929	772514
Total	32736	24284	29294	80834	301359	319783	261578	180294	131612	138457	152592	110340	1763163

Table I.8. Weight (lb) of bait shrimp landed commercially by month from the East Matagorda Bay system during 1998.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Live Bait	313	-	-	11	2117	1963	2130	2220	238	3309	2309	982	15592
Dead Bait	627	-	-	50	2962	3350	3779	4139	273	2887	2355	1758	22180
Total	940	-	-	61	5079	5313	5909	6359	511	6196	4664	2740	37772

Table I.9. Ex-vessel value (\$) of bait shrimp landed commercially by month from the East Matagorda Bay system during 1998.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Live Bait	469	-	-	44	7337	7159	7352	7712	613	10340	6542	3109	50677
Dead Bait	940	-	-	50	2984	3736	3685	4087	204	3996	3489	2852	26023
Total	1409	-	-	94	10321	10895	11037	11799	817	14336	10031	5961	76700

Table I.10. Weight (lb) of bait shrimp landed commercially by month from the Matagorda Bay system during 1998.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Live Bait	415	144	385	2029	4882	4567	4348	2870	3245	1374	1117	736	26112
Dead Bait	993	399	1142	2180	3478	3590	4363	3496	6427	2838	2493	758	32157
Total	1408	543	1527	4209	8360	8157	8711	6366	9672	4212	3610	1494	58269

Table I.11. Ex-vessel value (\$) of bait shrimp landed commercially by month from the Matagorda Bay system during 1998.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Live Bait	2163	793	612	8072	21115	19343	17463	10939	13259	6817	5477	3607	109660
Dead Bait	2443	887	2067	3070	5279	4728	6094	4842	9387	3743	3129	860	46529
Total	4606	1680	2679	11142	26394	24071	23557	15781	22646	10560	8606	4467	156189

Table I.12. Weight (lb) of bait shrimp landed commercially by month from the San Antonio Bay system during 1998.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Live Bait	-	-	475	888	1230	521	561	155	100	100	9	4	4043
Dead Bait	640	384	684	501	1950	1210	742	644	88	220	203	211	7477
Total	640	384	1159	1389	3180	1731	1303	799	188	320	212	215	11520

Table I.13. Ex-vessel value (\$) of bait shrimp landed commercially by month from the San Antonio Bay system during 1998.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Live Bait	-	-	2468	4633	6843	2873	3308	932	600	600	54	24	22335
Dead Bait	960	576	1026	672	1914	1340	1351	875	125	330	304	316	9789
Total	960	576	3494	5305	8757	4213	4659	1807	725	930	358	340	32124

Table I.14. Weight (lb) of bait shrimp landed commercially by month from the Aransas Bay system during 1998.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Live Bait	654	905	1813	7136	11387	8159	9005	5193	4810	5341	1180	1298	56881
Dead Bait	30	149	795	1873	2839	2509	3044	2385	2447	1960	1084	1636	20751
Total	684	1054	2608	9009	14226	10668	12049	7578	7257	7301	2264	2934	77632

Table I.15. Ex-vessel value (\$) of bait shrimp landed commercially by month from the Aransas Bay system during 1998.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Live Bait	2044	3343	6193	23479	37026	26794	30293	17160	15324	18412	3986	4470	188524
Dead Bait	44	202	1502	3338	4435	3524	4539	3603	63397	2461	1320	2125	90490
Total	2088	3545	7695	26817	41461	30318	34832	20763	78721	20873	5306	6595	279014

Table I.16. Weight (lb) of bait shrimp landed commercially by month from the Corpus Christi Bay system during 1998.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Live Bait	564	6991	12510	20442	16731	13938	14893	11283	7897	8120	6792	5150	125311
Dead Bait	638	3347	5607	16149	45915	14050	16595	8594	8524	8441	11174	5792	144826
Total	1202	10338	18117	36591	62646	27988	31488	19877	16421	16561	17966	10942	270137

Table I.17. Ex-vessel value (\$) of bait shrimp landed commercially by month from the Corpus Christi Bay system during 1998.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Live Bait	1692	22877	42526	66957	56157	47061	50442	36794	26293	27076	22752	1682	417452
Dead Bait	1178	5954	10419	25346	59575	18666	25707	12724	10163	11201	13999	7135	202067
Total	2870	28831	52945	92303	115732	65727	76149	49518	36456	38277	36751	23960	619519

Table I.18. Weight (lb) of bait shrimp landed commercially by month from the Upper Laguna Madre Bay system during 1998.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Live Bait	403	643	3566	10164	13994	10877	3872	1692	950	2038	1828	1031	51058
Dead Bait	-	247	998	7160	18626	18682	5018	970	369	1653	1724	99	55546
Total	403	890	4564	17324	32620	29559	8890	2662	1319	3691	3552	1130	106604

Table I.19. Ex-vessel value (\$) of bait shrimp landed commercially by month from the Upper Laguna Madre Bay system during 1998.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Live Bait	1481	2175	9085	30084	42260	30387	11949	5322	2967	6444	5715	3261	151130
Dead Bait	-	388	1549	10880	26194	24460	6334	1451	553	2479	2589	149	77026
Total	1481	2563	10634	40964	68454	54847	18283	6773	3520	8923	8304	3410	228156

Table I.20. Weight (lb) of bait shrimp landed commercially by month from the Lower Laguna Madre Bay system during 1998.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Live Bait	4554	4642	7127	8228	9246	10087	14744	3389	4045	6409	6592	4134	83197
Dead Bait	2007	1058	3237	6975	7649	5483	3826	5226	4805	7895	6478	3797	58436
Total	6561	5700	10364	15203	16895	15570	18570	8615	8850	14304	13070	7931	141633

Table I.21. Ex-vessel value (\$) of bait shrimp landed commercially by month from the Lower Laguna Madre Bay system during 1998.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Live Bait	27593	28401	43834	50567	57037	63031	89174	20362	24694	39480	40383	24217	508773
Dead Bait	3824	2396	5183	10410	12202	10535	7654	11891	11397	18856	15666	11971	121985
Total	31417	30797	49017	60977	69239	73566	96828	32253	36091	58336	56049	36188	630758

Appendix J. Weight (lb) and ex-vessel value (\$), coastwide and by grid zone, of bait shrimp landed from the Gulf of Mexico off Texas during 1998.

Table J.1. Weight (lb) of bait shrimp landed commercially by month from the Gulf of Mexico during 1998.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Live Bait	431	618	305	1407	1290	801	1036	604	858	410	1350	516	9626
Dead Bait	602	1727	1787	3693	1416	1312	1603	1113	1330	1113	1230	460	17046
Total	1033	2345	2092	5100	2706	2113	2639	1717	2188	1523	2580	976	26672

Table J.2. Ex-vessel value (\$) of bait shrimp landed commercially by month from the Gulf of Mexico during 1998.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Live Bait	2016	2946	1304	4695	6446	3338	3984	2591	4321	1813	4412	2014	40090
Dead Bait	792	2042	1957	3762	1265	1177	2169	1549	2323	1195	1847	804	20777
Total	2808	4988	3261	8457	7711	4515	6153	4140	6644	3008	6259	2818	60867

Table J.3. Weight (lb) of bait shrimp landed commercially by month from the Gulf of Mexico grid zone 17.0 during 1998.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Live Bait	-	-	-	137	-	-	-	-	-	-	-	-	137
Dead Bait	20	300	48	835	106	209	75	50	58	130	13	-	1844
Total	20	300	48	972	106	209	75	50	58	130	13	-	1981

Table J.4. Ex-vessel value (\$) of bait shrimp (live and dead) landed commercially by month from the Gulf of Mexico grid zone 17.0 during 1998.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Live Bait	-	-	-	308	-	-	-	-	-	-	-	-	308
Dead Bait	27	375	99	1044	147	243	94	63	145	325	29	-	2591
Total	27	375	99	1352	147	243	94	63	145	325	29	-	2899

Table J.5. Weight (lb) of bait shrimp landed commercially by month from the Gulf of Mexico grid zone 18.0 during 1998.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Live Bait	-	-	-	-	-	-	-	-	-	-	-	-	-
Dead Bait	-	246	623	-	-	-	278	-	-	-	9	-	1156
Total	-	246	623	-	-	-	278	-	-	-	9	-	1156

Table J.6. Ex-vessel value (\$) of bait shrimp landed commercially by month from the Gulf of Mexico grid zone 18.0 during 1998.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Live Bait	-	-	-	-	-	-	-	-	-	-	-	-	-
Dead Bait	-	307	779	-	-	-	417	-	-	-	11	-	1514
Total	-	307	779	-	-	-	417	-	-	-	11	-	1514

Table J.7. Weight (lb) of bait shrimp landed commercially by month from the Gulf of Mexico grid zone 19.0 during 1998.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Live Bait	431	618	305	962	732	801	931	604	484	410	366	349	6993
Dead Bait	465	806	627	1592	1138	728	989	817	599	550	343	388	9042
Total	896	1424	932	2554	1870	1529	1920	1421	1083	960	709	737	16035

Table J.8. Ex-vessel value (\$) of bait shrimp landed commercially by month from the Gulf of Mexico grid zone 19.0 during 1998.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Live Bait	2016	2946	1304	4387	3098	3338	3879	2591	2077	1813	1605	1513	30567
Dead Bait	538	1360	850	2119	1058	578	1197	983	700	557	402	595	10937
Total	2554	4306	2154	6506	4156	3916	5076	3574	2777	2370	2007	2107	41504

Table J.9. Weight (lb) of bait shrimp landed commercially by month from the Gulf of Mexico grid zone 20.0 during 1998.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Live Bait	-	-	-	-	-	-	35	-	-	-	984	167	1186
Dead Bait	90	-	-	-	-	-	-	-	-	-	728	-	818
Total	90	-	-	-	-	-	35	-	-	-	1712	167	2004

Table J.10. Ex-vessel value (\$) of bait shrimp landed commercially by month from the Gulf of Mexico grid zone 20.0 during 1998.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Live Bait	-	-	-	-	-	-	105	-	-	-	2807	501	3413
Dead Bait	227	-	-	-	-	-	-	-	-	-	1092	-	1319
Total	227	-	-	-	-	-	105	-	-	-	3899	501	4732

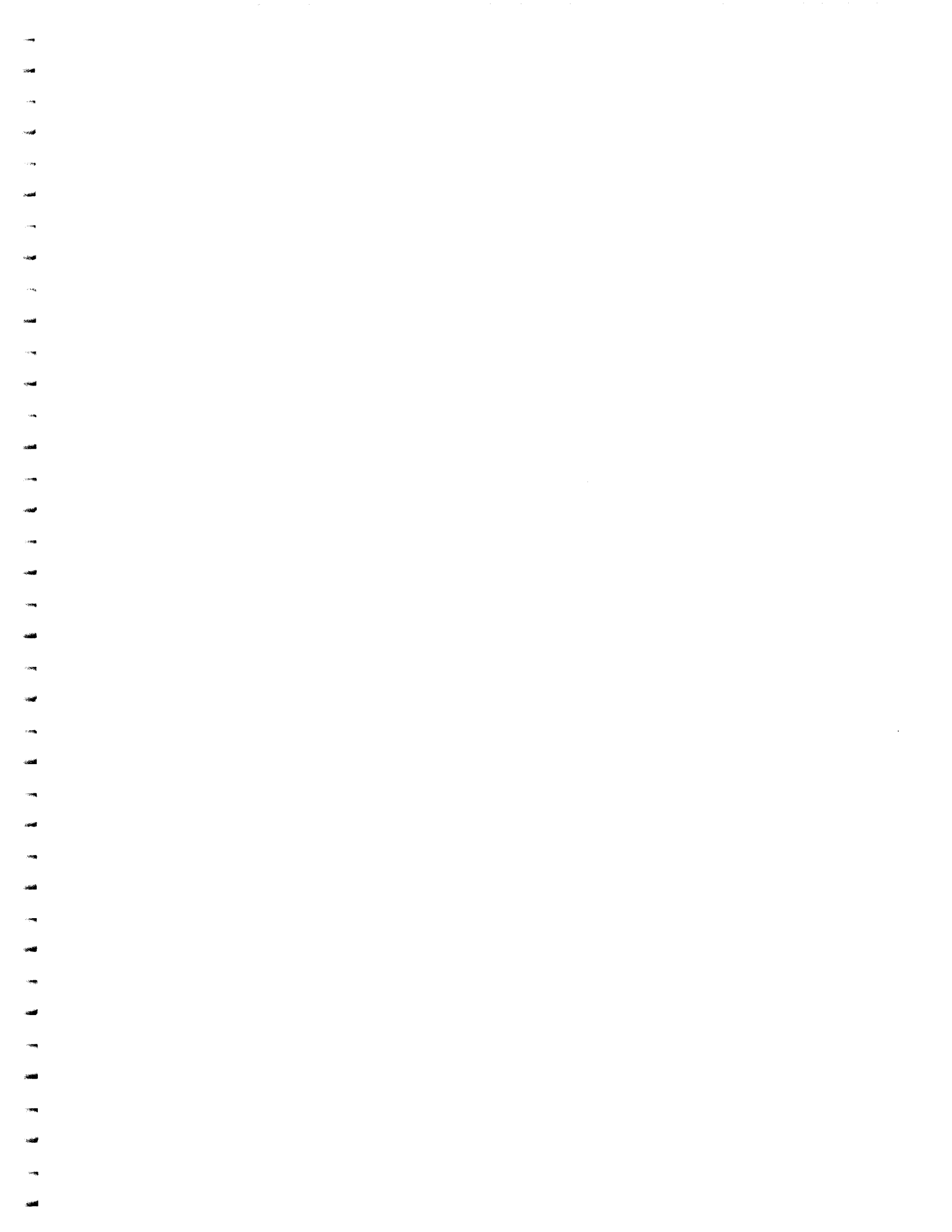
Table J.11. Weight (lb) of bait shrimp landed commercially by month from the Gulf of Mexico grid zone 21.0 during 1998.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Live Bait	-	-	-	-	558	-	70	-	374	-	-	-	1002
Dead Bait	-	-	85	222	25	132	132	183	528	108	108	72	1595
Total	-	-	85	222	583	132	202	183	902	108	108	72	2597

Table J.12. Ex-vessel value (\$) of bait shrimp landed commercially by month from the Gulf of Mexico grid zone 21.0 during 1998.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Live Bait	-	-	-	-	3348	-	210	-	2244	-	-	-	5802
Dead Bait	-	-	229	599	60	356	356	503	1478	313	313	209	4416
Total	-	-	229	599	3408	356	566	503	3722	313	313	209	10218





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