

Trends in Texas Commercial Fishery Landings, 1972-1993

by
Lance Robinson
Page Campbell
and
Linda Butler

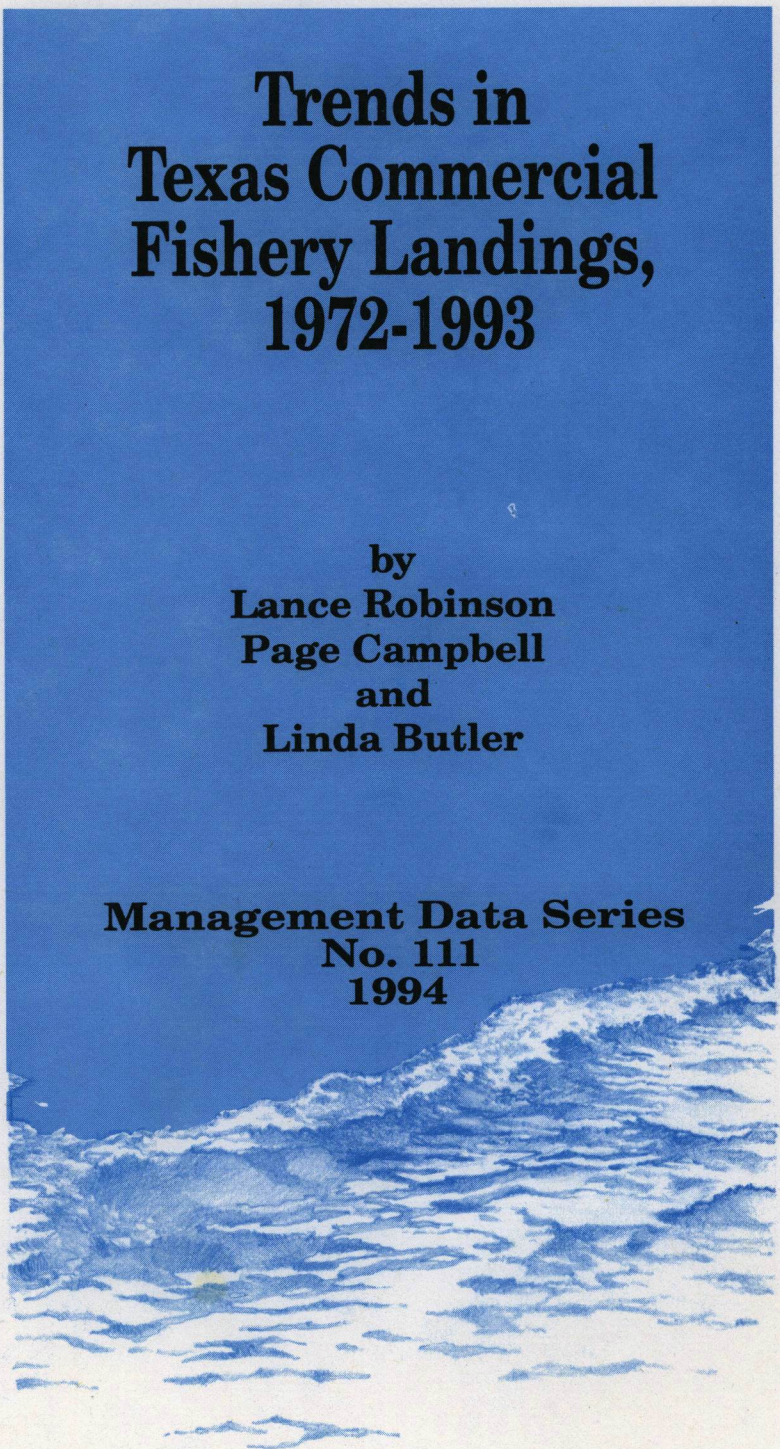
Management Data Series
No. 111
1994



TEXAS
PARKS & WILDLIFE
DEPARTMENT

FISHERIES & WILDLIFE
DIVISION

4200 Smith School Road
Austin, Texas 78744



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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 Department or National Marine Fisheries Service. These landings and value data for individual species groups are summarized according to bay system or Gulf area from which the product was taken and by month landed. Total coastwide landings in 1993 were more than 89 million pounds and ex-vessel value was over \$145 million. These values were 23% and 41%, respectively, below the record values of 1986.

Shrimp accounted for 83% of the weight and 90% of ex-vessel value of all seafood landed in calendar year 1993. During 1993 blue crabs, Eastern oysters and finfish made up 9%, 3%, and 5% of total landings, respectively, and 3%, 3%, and 4% of the total ex-vessel value, respectively. Compared to 1992 prices, the average 1993 unit price for brown and pink shrimp decreased by 4% and white shrimp decreased 6%; the unit price of blue crabs increased 7%; other shellfish decreased 27%; while the unit price of Eastern oysters decreased 17%.

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). Annual recreational fish landings in Texas have been estimated since 1974 based on on-site interviews at fishing access sites (Weixelman et al. 1992).

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, the Texas Parks and Wildlife Department (TPWD) has monitored the landings and value of marine fishes, oysters, crabs and shrimp through a mandatory self-reporting system currently known as the Monthly Aquatic Products Report (MAPR, Figure 2) which is completed by seafood dealers. 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 TPWD continued to collect data on fishes, crabs and oysters. An informal data exchange between agencies permitted the compilation of total self-reported landings of marine species. Beginning 1 April 1985, TPWD 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 Texas Parks and Wildlife 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 purchased from commercial fishermen by seafood dealers and reported to TPWD, and landings and ex-vessel value data collected by NMFS, from 1972 through 1993.

MATERIALS AND METHODS

Licensed seafood dealers were required to complete an MAPR each month, listing the total weight and price paid for each species purchased from commercial fishermen (Table 1). An MAPR from each dealer, detailing the preceding month's transactions, was due at a TPWD 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 MAPR's were provided to NMFS and landings of shrimp, finfish and other seafood products gathered by NMFS were provided to TPWD. Finfish landings collected by NMFS but not purchased or handled by licensed seafood dealers are not included in this report. Commercial fishermen fishing in 1993 were subject to the fishing regulations listed in Table 2.

All MAPR's were checked for completeness by TPWD personnel. If errors were suspected, the submitting dealer was contacted to verify the accuracy of the data. Except for Eastern oysters (Crassostrea virginica) 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.2).

Landings of Eastern oysters from leases were reported by leaseholders through MAPR's, monthly landings forms submitted to the Seabrook office of TPWD and annual summary forms submitted to the Austin Headquarters of TPWD. In the case of discrepancies between monthly and annual summaries, the highest values for landings were used.

Gulf shrimp landed at Texas ports and reported to TPWD 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.

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 22-year period of 1972-93 more than 2.1 billion pounds of seafood products valued at over \$3.4 billion were reported harvested from Texas bays and the Gulf of Mexico, and landed in Texas (Tables 3-16). Total landings fluctuated irregularly during that interval, while ex-vessel value generally increased through 1986 (Figure 3). Long term trends in landings and ex-vessel value of shrimp, crabs, oysters and finfish are presented in Figures 4, 5, 6 and 7.

During the interval 1989-1993, brown shrimp (Penaeus aztecus), pink shrimp (P. duorarum), and white shrimp (P. setiferus), represented approximately 81% of the total coastwide bay and Gulf landings by weight and 92% of total ex-vessel value (Figure 8). Blue crabs (Callinectes sapidus), represented 8% of total landings and 2% of ex-vessel value. Eastern oysters represented 3% of total landings and 3% of ex-vessel value. Finfish collectively represented 3% of total landings and 2% of ex-vessel value. Gulf landings constituted 67% of total landings and 80% of total ex-vessel value.

A comparison of landings among bay systems for the interval 1989 through 1993, indicates that landings from the Galveston Bay system exceeded all others for white shrimp and Eastern oysters (Figures 9 and 10). Shrimp and blue crabs were landed predominantly from the Galveston, Matagorda, San Antonio and Aransas bay systems. Landings of Eastern oysters were high in the Matagorda and San Antonio bay systems. Finfish were landed predominantly from the lower Laguna Madre, Galveston, Corpus Christi, and upper Laguna Madre bay systems (Figure 10). A comparison of the distribution of finfish landings

among Gulf grid zones during the same interval indicates that landings were greatest in grid zone 18.

During the last five years (1989-1993), mean price per pound paid to commercial fishermen for black drum, flounder, and sheepshead generally increased through 1990, declined in 1991 and steadily increased through 1993 (Table 17). Black drum mean price per pound has remained fairly constant except for 1990 when prices reached their highest level since these data have been collected. The trend in sheepshead price per pound paid to commercial fishermen has increased through 1991, declined in 1992 and increased again in 1993. Snapper prices, in contrast, have been more variable but decreased in 1992. Prices paid for brown and pink shrimp, white shrimp and blue crabs have fluctuated moderately but have not shown a general increase (Table 18). Price per pound of Eastern oysters during this interval increased in 1990 but has steadily fallen through 1993. Compared to 1992 prices, the average 1993 unit price for brown and pink shrimp decreased; the unit price of blue crabs increased, other shellfish decreased, while the unit price of Eastern oyster decreased 17%.

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 1993 landings and ex-vessel values for Texas bay systems and for Gulf grid zones off Texas are presented in Appendices D and E, respectively.

Annual weight and ex-vessel value of menhaden (Brevoortia sp.) caught off Texas but landed commercially in Louisiana during 1977-1993 are presented in Appendix F. During that 16-year period, landings and ex-vessel value of menhaden have fluctuated substantially but a long-term upward or downward trend is not indicated.

The volume of Eastern oysters transplanted annually to private oyster leases in Texas bays, and the weight and ex-vessel value of oysters harvested annually from leases from 1977 to 1993 are presented in Appendix G. The number of leases and total acreage leased have remained relatively constant since 1979 while total weight landed and ex-vessel value have fluctuated widely among years. During 1993, 515,900 pounds of meat valued at \$842,000 were landed in Texas from oyster leases. This is the lowest reported landings since 1985 (and the lowest reported ex-vessel value since 1981).

The number of commercial licenses sold in Texas in each fiscal year (September-August) from 1956 to 1993 are presented in Appendix H. During the last five years (1988-1993), the number of retail fish dealer licenses has declined each year; the number of wholesale dealer licenses has fluctuated but shows some indication of an increasing trend since 1991.

DISCUSSION

Although 1993 landings and ex-vessel values were less than 1992, commercial fishing continues to be an important industry in Texas. Approximately 89.2 million pounds of seafood with an ex-vessel value of \$145 million were reported for 1993. Using an approximate expansion factor of three (Grubb 1973), the total economic impact of this industry at the wholesale level in Texas is over \$400 million annually. This expansion does

not include over 52 million pounds of menhaden worth over \$2.6 million (ex-vessel) caught in 1993 off Texas but landed in Louisiana.

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 combined landings of these two species. The value of the bay fishery relies primarily on white shrimp followed by brown and pink shrimp, blue crabs, Eastern oysters, and finfish, in order of decreasing value.

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). The problem of non-reporting by seafood dealers is seldom considered by fisheries managers when using commercial landings data as the basis for management decisions (Cushing 1970).

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. Marine products harvested by licensed commercial fishermen and sold to a licensed bait or seafood dealer and sold as bait were not reportable until September 1991. 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. Another deficiency in the present reporting system is that the MAPR's do not provide estimates of commercial fishing effort by gear type for each species landed. These deficiencies may limit the use of these commercial data for fisheries management purposes.

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

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

Table 1. (Continued).

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

Table 1. (Continued).

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

^aScientific names taken from Robins et al. (1980), Christmas and Etzold (1977), Hofstetter (1977), Leary (1967) and Rathjen (1973).

Table 2. Summary of commercial fishing seasons in Texas marine waters during 1993.

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 (15 May-15 July). Night trawling permitted in Laguna Madre only.
	Trawl	Major bays	All ^b	15 May-15 Jul	Day ^c	2:00 pm closure.
	Trawl	Major bays south of Colorado River	All ^b	15 Aug-15 Dec		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 ^d	Trawling prohibited from 15 May to 15 Jul inclusive, and 16 Dec to 1 Feb, inclusive.
Crabs	Trap, trawl, net, hook, and line	Bays ^e , Gulf ^f	All	All year	24 h	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	Bays ^e , Gulf ^f	Bait	All year	24 h	None.
	Trotline	Bays ^e	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-Oct ^g	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 until Friday after second Tuesday in Oct.

Table 3. Texas commercial finfish and shellfish landings (lb x 1000), 1972-1993.

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	6755.9	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	84120.0	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	85890.4
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	202.8	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
1991	665.8	275.6	25.9	370.4	549.0	1886.7	70744.4	18478.9	1885.6	91108.9	6137.1	2988.2	358.1	100592.4	102479.2
1992	846.1	297.6	31.6	1059.2	1572.0	3806.5	49782.2	20788.7	6287.3	76858.3	6135.4	2705.7	140.9	85840.2	89646.8
1993	841.0	212.6	36.6	1487.7	2001.5	4579.5	46968.0	17235.2	9574.3	73777.4	8241.5	2656.3	40.9	84716.1	89295.6

Table 4. Texas commercial finfish and shellfish ex-vessel value (\$ x 1000), 1972-1993.

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	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	23225.7	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
1991	512.4	319.2	8.0	687.8	602.7	2130.1	145594.8	41227.8	837.1	187659.7	2276.8	7223.3	207.1	197366.8	199497.0
1992	670.1	377.8	13.3	1781.4	1767.5	4610.2	104533.2	42330.8	2784.6	149648.5	2775.1	5085.9	84.2	157593.7	162203.9
1993	651.2	328.3	14.7	2729.8	2420.6	6144.7	94927.7	33173.1	3105.2	131206.0	3932.1	4146.3	25.6	139309.9	145454.6

Table 5. Weight (lb x 1000) of each species landed commercially from Texas bay systems, 1972-1993.

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					
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	210.4	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	10233.0	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
1991	663.6	233.0	24.3	46.9	51.0	1018.9	14095.9	7824.1	0.3	21920.3	6125.9	2988.2	351.6	31386.1	32405.0
1992	811.3	252.2	30.9	25.5	167.5	1287.4	9248.2	10399.5	9.6	19657.3	6128.0	2705.7	128.3	28619.2	29906.6
1993	827.2	188.2	35.6	106.4	368.6	1526.1	10394.3	8244.4	1.0	18639.7	8237.1	2618.8	35.5	29531.2	31057.3

Table 6. Ex-vessel value (\$ x 1000) of each species landed commercially from Texas bay systems, 1972-1993.

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						
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
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	37567.3
1992	647.1	327.2	13.0	12.3	90.9	1090.5	9244.6	16433.1	2.4	25680.2	2771.2	5085.9	77.7	33615.0	34705.4
1993	639.6	297.7	14.3	26.7	648.5	1626.8	8833.4	11174.3	0.8	20008.5	3929.9	4079.9	22.5	28040.8	29667.5

Table 7. (Continued).

Species	Year										
	1985	1986	1987	1988	1989	1990	1991	1992	1993		
Atlantic croaker	35.8	36.6	41.7	14.1	6.6	0.5	1.6	14.2	5.8		
Atlantic cutlassfish	0.0	0.0	3.9	0.0	0.0	7.7	15.4	18.0	25.8		
Atlantic moonfish	0.1	0.1	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		
Bluefish	0.0	0.0	0.0	0.1	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		
Eel, unclassified cusk	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0		
Eel, unclassified snake	0.0	0.0	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		
Gafftopsail catfish	27.2	17.5	7.6	8.0	1.2	7.2	5.3	11.2	7.8		
Gar, alligator	0.0	0.0	3.0	6.8	4.6	43.3	1.1	0.0	1.7		
Gar, unclassified	0.0	0.0	0.0	0.0	0.0	0.0	1.2	45.1	12.4		
Greater amberjack	0.0	0.0	0.0	0.4	1.1	0.0	0.1	0.0	1.1		
Gulf butterfish	0.0	0.1	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		
Killifish, unclassified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	2.2		
Kingfish, unclassified	6.2	4.0	3.8	2.3	8.6	14.9	3.4	10.2	1.0		
Kingfish, southern	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0		
Mackerel, Spanish	1.1	0.0	0.0	0.1	0.0	0.0	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		
Pinfish	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0		
Red drum	-	-	-	-	-	-	-	-	-		
Seatrout, sand	2.6	4.6	1.2	0.5	0.2	0.8	1.4	0.3	0.1		
Seatrout, silver	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
Seatrout, spotted	-	-	-	-	-	-	-	-	-		
Shark, blacktip	0.0	0.0	0.0	0.1	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		
Stingray, unclassified	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		
Unclassified food	48.3	32.5	15.0	32.5	12.8	10.5	15.0	1.0	8.7		
Unclassified scrap	250.9	103.2	63.1	207.4	40.0	30.3	3.9	6.7	7.3		
Total	375.4	212.7	143.4	282.7	76.1	115.7	51.0	167.0	80.2		

Table 8. Ex-vessel value (\$ x 1000) of "other" finfish species landed commercially from Texas bay systems, 1972-1993.

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 cutlassfish	-	-	-	-	-	-	-	-	-	-	-	-	-
Atlantic moonfish	-	-	-	-	-	-	-	-	-	-	-	-	-
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
Bluefish	-	-	-	-	-	-	-	-	-	-	-	-	-
Dolphin	-	-	-	-	-	-	-	-	-	-	-	-	-
Eel, unclassified cusk	-	-	-	-	-	-	-	-	-	-	-	-	-
Eel, unclassified snake	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
Florida pompano	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
Gafftopsail catfish	-	-	-	-	-	-	-	-	-	-	-	-	-
Gar, alligator	-	-	-	-	-	-	-	-	-	-	-	-	-
Gar, unclassified	-	-	-	-	-	-	-	-	-	-	-	-	-
Greater amberjack	-	-	-	-	-	-	-	-	-	-	-	-	-
Gulf butterfish	-	-	-	-	-	-	-	-	-	-	-	-	-
Herring, unclassified	-	-	-	-	-	-	-	-	-	-	-	-	-
Killifish, unclassified	-	-	-	-	-	-	-	-	-	-	-	-	-
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
Kingfish, southern	-	-	-	-	-	-	-	-	-	-	-	-	-
Kingfish, 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
Mackerel, Spanish	-	-	-	-	-	-	-	-	-	-	-	-	-
Pigfish	-	-	-	-	-	-	-	-	-	-	-	-	-
Pinfish	-	-	-	-	-	-	-	-	-	-	-	-	-
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, silver	-	-	-	-	-	-	-	-	-	-	-	-	-
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, blacktip	-	-	-	-	-	-	-	-	-	-	-	-	-
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
Stingray, unclassified	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuna, unclassified	-	-	-	-	-	-	-	-	-	-	-	-	-
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	
Atlantic croaker	6.6	8.4	13.1	3.4	1.8	0.2	0.5	6.0	1.6	
Atlantic cutlassfish	0.0	0.0	0.3	0.0	0.0	6.7	11.5	13.7	26.1	
Atlantic moonfish	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	
Bluefish	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	
Dolphin	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	
Eel, unclassified cusk	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	
Eel, unclassified snake	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	
Florida pompano	2.6	12.6	2.4	3.3	0.2	0.1	0.8	0.0	0.0	
Gafftopsail catfish	6.8	4.9	2.1	2.6	0.5	3.0	1.4	3.4	1.4	
Gar, alligator	0.0	0.0	2.6	6.1	3.9	27.7	0.8	0.0	1.7	
Gar, unclassified	0.0	0.0	0.0	0.0	0.0	0.0	0.5	31.3	8.2	
Greater amberjack	0.0	0.0	0.0	0.2	1.1	0.0	0.0	0.0	1.5	
Gulf butterfish	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	
Killifish, unclassified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.6	22.4	
Kingfish, unclassified	1.8	1.5	1.5	0.9	3.3	6.5	1.0	3.1	0.3	
Kingfish, southern	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	
Mackerel, Spanish	0.6	0.0	0.0	0.0	0.0	0.0	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	
Pinfish	0.0	0.0	0.0	0.0	0.0	0.0	3.4	0.0	0.0	
Red drum	-	-	-	-	-	-	-	-	-	
Seatrout, sand	0.9	1.6	0.5	0.2	0.1	0.5	0.9	0.1	0.0	
Seatrout, silver	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Seatrout, spotted	-	-	-	-	-	-	-	-	-	
Shark, blacktip	0.0	0.0	0.0	0.1	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	
Stingray, unclassified	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	
Unclassified food	20.3	10.9	5.5	35.6	4.9	3.8	8.4	0.3	1.7	
Unclassified scrap	18.4	15.1	8.0	73.9	4.6	4.4	1.8	3.0	4.7	
Total	58.4	55.2	36.6	129.1	20.7	53.3	31.2	90.9	75.1	

Table 9. Weight (lb x 1000) of "other" shellfish species landed commercially from Texas bay systems, 1972-1993.

Species	Year												
	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Atlantic bay scallop	-	-	-	-	-	-	-	-	-	-	-	-	-
Mantis shrimp	-	-	-	-	-	-	-	-	-	-	-	-	-
Squid, unclassified	2.7	2.9	4.5	2.3	12.1	5.3	4.3	0.3	0.0	0.0	10.1	2.6	10.0
Stone crab	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0
Total	2.7	2.9	4.5	2.3	12.1	5.3	4.3	0.3	0.0	0.0	10.1	2.6	25.0

Species	Year								
	1985	1986	1987	1988	1989	1990	1991	1992	1993
Atlantic bay scallop	0.1	5.3	0.0	0.0	1.2	0.0	0.0	0.0	0.0
Mantis shrimp	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.9
Squid, unclassified	17.6	25.7	45.6	25.1	8.1	15.2	12.6	44.3	16.1
Stone crab	135.8	153.7	60.6	267.8	172.9	208.7	339.0	84.0	18.5
Total	153.5	184.6	106.3	293.0	182.2	223.8	351.6	128.3	35.5

Table 10. Ex-vessel value (\$ x 1000) of "other" shellfish species landed commercially from Texas bay systems, 1972-1993.

Species	Year												
	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Atlantic bay scallop	-	-	-	-	-	-	-	-	-	-	-	-	-
Mantis shrimp	0.4	0.5	0.9	0.6	2.7	1.8	1.2	0.1	0.0	0.0	4.0	1.3	3.7
Squid, 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	9.6
Stone crab	0.4	0.5	0.9	0.6	2.7	1.8	1.2	0.1	0.0	0.0	4.0	1.3	13.3
Total													

Species	Year								
	1985	1986	1987	1988	1989	1990	1991	1992	1993
Atlantic bay scallop	0.4	2.4	0.0	0.0	0.1	0.0	0.0	0.0	0.0
Mantis shrimp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
Squid, unclassified	7.3	19.9	19.3	10.8	4.5	8.0	8.9	25.4	9.5
Stone crab	110.2	77.7	31.2	136.1	122.2	134.1	195.7	52.2	12.2
Total	117.8	100.0	50.6	147.0	126.8	142.1	204.6	77.7	22.5

Table 11. Weight (lb x 1000) of each species landed commercially from the Gulf of Mexico, 1972-1993.

Year	Finfish										Shellfish						Grand Total
	Black Drum	Flounder	Sheeps-head	Mullet	Cobia	Grouper	Snapper	Other	Shrimp			Blue Crab	Other	Total			
									Brown and Pink	White	Other						
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
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	863.3	2168.3	40534.0	10389.2	6277.8	57201.0	7.4	12.6	57221.0	59389.3
1993	13.8	24.4	0.9	22.3	10.0	197.8	1487.7	765.3	2522.3	36573.6	8990.8	9573.3	55137.7	2.5	5.4	55145.6	57705.5

Table 12. Ex-vessel value (\$ x 1000) of each species landed commercially from the Gulf of Mexico, 1972-1993.

Year	Finfish										Shellfish					Grand Total	
	Black Drum	Flounder	Sheeps-head	Mullet	Cobia	Grouper	Snapper	Other	Shrimp		Blue Crab	Other	Total				
									Brown and Pink	White							
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	640.3	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
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	1290.9	3379.4	95288.5	25897.7	2782.1	123968.3	3.9	6.6	123978.8	127358.2
1993	11.7	30.6	0.4	5.5	9.7	322.5	2729.8	1123.2	4233.3	86094.3	21998.7	3104.4	111197.4	1.3	3.1	111201.8	115501.6

Table 13. Weight (lb x 1000) of "other" finfish species landed commercially from the Gulf of Mexico, 1972-1993.

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
Atlantic cutlassfish	-	-	-	-	-	-	-	-	-	-	-	-	-
Atlantic moonfish	-	-	-	-	-	-	-	-	-	-	-	-	-
Atlantic spadefish	-	-	-	-	-	-	-	-	-	-	-	-	-
Blue runner	-	-	-	-	-	-	-	-	-	-	-	-	-
Bluefish	-	-	-	-	-	-	-	-	-	-	-	-	-
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
Crevalle jack	-	-	-	-	-	-	-	-	-	-	-	-	-
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
Eel, unclassified cusk	-	-	-	-	-	-	-	-	-	-	-	-	-
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
Gaftopsail 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
Gar, alligator	-	-	-	-	-	-	-	-	-	-	-	-	-
Great barracuda	-	-	-	-	-	-	-	-	-	-	-	-	-
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
Gulf butterfish	-	-	-	-	-	-	-	-	-	-	-	-	-
Herring, unclassified	-	-	-	-	-	-	-	-	-	-	-	-	-
Kingfish, Gulf	-	-	-	-	-	-	-	-	-	-	-	-	-
Kingfish, southern	-	-	-	-	-	-	-	-	-	-	-	-	-
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, king	-	-	-	-	-	-	-	-	-	-	-	-	-
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
Pinfish	-	-	-	-	-	-	-	-	-	-	-	-	-
Porgy, unclassified	-	-	-	-	-	-	-	-	-	-	-	-	-
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, silver	-	-	-	-	-	-	-	-	-	-	-	-	-
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, Atlantic sharpnose	-	-	-	-	-	-	-	-	-	-	-	-	-
Shark, blacktip	-	-	-	-	-	-	-	-	-	-	-	-	-
Shark, shortfin mako	-	-	-	-	-	-	-	-	-	-	-	-	-
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
Swordfish	-	-	-	-	-	-	-	-	-	-	-	-	-
Tilefish	-	-	-	-	-	-	-	-	-	-	-	-	-
Triggerfish, gray	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuna, Atlantic bonito	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuna, blackfin	-	-	-	-	-	-	-	-	-	-	-	-	-
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, little	-	-	-	-	-	-	-	-	-	-	-	-	-
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
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
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	29.1
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
Wahoo	-	-	-	-	-	-	-	-	-	-	-	-	-
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		
Atlantic croaker	1.9	2.5	5.3	1.5	0.3	0.0	0.6	1.5	0.0		
Atlantic cutlassfish	0.0	0.0	0.0	0.0	1.6	0.0	0.0	2.6	4.3		
Atlantic moonfish	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		
Blue runner	0.0	0.0	0.0	0.0	2.2	0.0	0.0	2.0	20.2		
Bluefish	0.0	1.3	10.3	0.4	0.0	0.3	0.0	0.0	0.0		
Codfish, unclassified	0.0	0.5	0.1	0.0	0.0	0.1	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		
Dolphin	0.2	2.9	1.9	3.1	9.7	18.6	5.1	16.0	8.8		
Eel, cusk	0.0	0.0	0.0	1.0	0.4	0.3	0.0	0.0	0.0		
Florida pompano	13.0	1.7	12.6	0.1	0.6	0.3	0.1	1.0	0.2		
Gafftopsail catfish	18.3	12.3	11.1	2.5	0.1	0.4	1.2	0.0	0.3		
Gar, alligator	0.0	0.0	0.0	0.3	0.0	0.1	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		
Greater amberjack	27.9	106.1	96.5	173.1	126.2	66.9	27.6	169.4	185.3		
Gulf butterfish	4.9	0.1	2.2	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		
Kingfish, unclassified	20.5	14.9	29.6	29.3	58.1	61.6	23.2	14.4	3.9		
Kingfish, Gulf	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0		
Kingfish, southern	0.0	0.0	0.0	0.7	0.5	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		
Mackerel, Spanish	0.2	0.2	0.8	0.1	0.0	0.1	0.0	0.0	0.0		
Pinfish	0.0	0.0	0.0	0.0	0.0	0.1	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		
Red drum	-	-	-	-	-	-	-	-	-		
Seatrout, sand	2.3	0.6	2.6	0.0	0.7	0.2	1.7	0.3	0.0		
Seatrout, silver	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0		
Seatrout, spotted	-	-	-	-	-	-	-	-	-		
Shark, blacktip	0.0	0.7	4.9	1.7	1.3	0.5	0.5	0.2	1.3		
Shark, shortfin mako	0.5	6.9	4.1	1.0	0.5	0.3	5.7	1.7	3.4		
Shark, unclassified	63.4	105.3	31.3	33.1	26.2	34.2	17.9	25.6	17.7		
Shark, Atlantic sharpnose	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7		
Swordfish	31.9	85.5	46.4	22.3	12.6	8.7	10.1	59.2	84.4		
Tilefish	41.8	7.3	35.6	214.9	143.9	48.8	25.0	5.7	38.5		
Triggerfish, gray	0.0	0.3	0.2	0.8	4.7	7.0	6.2	7.9	11.3		
Tuna, blackfin	0.0	0.3	0.0	0.5	0.5	7.7	0.4	6.8	61.7		
Tuna, bluefin	2.7	1.1	1.4	0.0	0.0	0.0	0.0	0.0	1.4		
Tuna, little	0.0	0.0	0.2	0.0	1.0	0.0	0.0	24.5	0.0		
Tuna, unclassified	22.8	79.0	14.9	37.0	34.2	11.6	71.1	181.2	70.8		
Tuna, Atlantic bonito	0.0	0.0	0.1	0.0	0.2	0.0	0.0	0.0	0.0		
Tuna, Yellowfin	1.5	100.6	79.8	474.2	96.8	66.3	0.0	256.1	124.2		
Unclassified food	67.0	3.8	20.6	31.5	7.5	8.3	3.6	14.7	17.4		
Unclassified scrap	7.5	2.6	9.1	1.0	0.1	0.5	7.0	3.6	0.4		
Wahoo	0.0	0.1	1.0	16.8	5.5	3.4	2.1	10.4	4.7		
Total	331.0	538.2	426.7	1053.2	537.7	348.7	212.0	863.3	765.3		

Table 14. Ex-vessel value (\$ x 1000) of "other" finfish species landed commercially from the Gulf of Mexico, 1972-1993.

Species	Year												
	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Atlantic croaker	1.2	2.2	5.8	3.4	1.5	0.6	1.5	0.6	0.2	0.5	0.1	0.2	0.5
Atlantic cutlassfish	-	-	-	-	-	-	-	-	-	-	-	-	-
Atlantic moonfish	-	-	-	-	-	-	-	-	-	-	-	-	-
Atlantic spinedfish	-	-	-	-	-	-	-	-	-	-	-	-	-
Blue runner	-	-	-	-	-	-	-	-	-	-	-	-	-
Bluefish	-	-	-	-	-	-	-	-	-	-	-	-	-
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	0.1
Crevalle jack	-	-	-	-	-	-	-	-	-	-	-	-	-
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
Eel, unclassified cusk	-	-	-	-	-	-	-	-	-	-	-	-	-
Florida pompano	0.4	0.1	2.4	0.7	2.5	0.3	0.6	2.3	1.1	0.3	3.2	0.1	5.6
Gafftopsail catfish	0.5	1.6	1.7	2.9	3.0	4.3	12.7	0.1	0.1	2.1	0.5	1.9	2.0
Gar, alligator	-	-	-	-	-	-	-	-	-	-	-	-	-
Great barracuda	-	-	-	-	-	-	-	-	-	-	-	-	-
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	10.3
Gulf butterfish	-	-	-	-	-	-	-	-	-	-	-	-	-
Herring, unclassified	-	-	-	-	-	-	-	-	-	-	-	-	-
Kingfish, Gulf	-	-	-	-	-	-	-	-	-	-	-	-	-
Kingfish, southern	-	-	-	-	-	-	-	-	-	-	-	-	-
Kingfish, unclassified	8.4	7.5	12.7	14.9	6.4	4.2	2.7	1.2	2.3	2.8	5.1	2.8	3.4
Mackerel, king	-	-	-	-	-	-	-	-	-	-	-	-	-
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	0.9
Pinfish	-	-	-	-	-	-	-	-	-	-	-	-	-
Porgy, unclassified	-	-	-	-	-	-	-	-	-	-	-	-	-
Red drum	25.8	53.6	45.0	34.7	31.6	27.6	4.4	10.2	8.3	11.6	0.0	0.0	0.0
Seatrout, sand	0.1	0.1	0.0	2.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
Seatrout, silver	-	-	-	-	-	-	-	-	-	-	-	-	-
Seatrout, spotted	68.7	181.7	91.5	102.2	91.9	63.0	29.4	112.4	50.4	38.0	0.0	0.0	0.0
Shark, Atlantic sharpnose	-	-	-	-	-	-	-	-	-	-	-	-	-
Shark, blacktip	-	-	-	-	-	-	-	-	-	-	-	-	-
Shark, shortfin mako	-	-	-	-	-	-	-	-	-	-	-	-	-
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	2.5
Swordfish	-	-	-	-	-	-	-	-	-	-	-	-	-
Tilefish	-	-	-	-	-	-	-	-	-	-	-	-	-
Triggerfish, gray	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuna, Atlantic bonito	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuna, blackfin	-	-	-	-	-	-	-	-	-	-	-	-	-
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	8.4
Tuna, little	-	-	-	-	-	-	-	-	-	-	-	-	-
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	1.9
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	1.9
Unclassified food	5.0	7.5	8.7	27.1	19.5	12.8	5.8	9.3	5.2	7.2	17.6	12.4	11.5
Unclassified scrap	0.2	8.1	6.4	6.6	5.5	4.9	3.7	7.5	0.7	0.4	0.1	0.2	0.2
Wahoo	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	110.4	262.5	174.2	194.5	162.4	117.6	60.7	143.9	68.2	62.8	26.5	17.5	50.0

Table 14. (Continued).

Species	Year										
	1985	1986	1987	1988	1989	1990	1991	1992	1993		
Atlantic croaker	0.4	0.8	1.9	0.5	0.1	0.0	0.0	0.0	0.3	0.0	0.0
Atlantic cutlassfish	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	1.9	0.0	2.5
Atlantic moonfish	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Atlantic spdefish	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.1	1.7	0.0
Blue runner	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.5	5.7	0.0
Bluefish	0.0	0.7	4.4	0.1	0.0	0.1	0.0	0.0	0.0	0.0	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
Crevalle jack	0.0	0.0	0.4	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	0.0	0.0
Eels, cusk	0.0	0.0	0.0	0.5	0.3	0.2	0.0	0.0	0.0	0.0	0.0
Florida pompano	12.3	2.4	15.6	0.1	1.1	0.3	0.1	0.8	0.2	0.0	0.0
Gafftopsail catfish	7.8	5.5	2.5	0.8	0.1	0.2	0.2	0.0	0.0	0.2	0.0
Gar, alligator	0.0	0.0	0.0	0.4	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	0.0	0.0	0.2	0.2	2.6
Greater amberjack	19.2	58.6	58.6	115.7	108.6	52.4	26.9	156.3	168.7	0.0	0.0
Gulf butterfish	2.6	0.0	1.1	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	0.0	0.0
Kingfish, unclassified	6.5	5.2	10.1	10.4	21.0	18.8	8.0	5.3	1.6	0.0	0.0
Kingfish, Gulf	0.0	0.0	0.0	0.0	0.0	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
Mackerel, king	2.1	1.1	1.5	5.4	0.4	1.3	1.2	27.7	60.6	0.0	0.0
Mackerel, Spanish	0.1	0.2	0.3	0.0	0.0	0.2	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
Porgy, unclassified	0.0	0.0	0.0	0.0	0.2	0.7	0.8	0.0	0.0	0.1	0.0
Red drum	-	-	-	-	-	-	-	-	-	-	-
Seatrout, sand	2.1	0.3	1.9	0.0	0.3	0.0	1.9	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
Seatrout, spotted	-	-	-	-	-	-	-	-	-	-	-
Shark, Atlantic sharpnose	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0
Shark, blacktip	0.0	0.3	6.9	0.8	0.9	0.3	0.4	0.0	0.0	0.6	0.0
Shark, shortfin mako	0.4	6.3	10.1	0.8	0.5	0.2	16.1	5.3	4.0	4.0	0.0
Shark, unclassified	27.8	56.1	13.2	14.7	9.1	28.3	9.5	7.4	5.5	0.0	0.0
Swordfish	93.3	251.3	198.3	65.4	42.4	25.9	33.6	166.7	207.1	0.0	0.0
Tilefish	39.5	6.1	30.6	230.8	178.6	58.5	25.8	6.6	37.5	0.0	0.0
Triggerfish, gray	0.0	0.1	0.1	0.4	2.7	4.4	5.7	7.1	8.2	0.0	0.0
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
Tuna, blackfin	0.0	0.1	0.0	0.2	0.8	6.2	0.4	11.8	139.7	0.0	0.0
Tuna, bluefin	0.3	4.0	10.6	0.0	0.0	0.0	0.0	0.0	0.0	12.7	0.0
Tuna, little	0.0	0.0	0.1	0.0	1.4	0.0	0.0	51.0	0.0	0.0	0.0
Tuna, unclassified	12.8	102.8	18.2	67.6	45.9	19.7	166.2	365.3	169.6	0.0	0.0
Tuna, Yellowfin	2.0	100.6	209.2	684.4	249.6	147.4	0.0	434.5	244.5	0.0	0.0
Unclassified food	18.6	2.0	5.1	13.4	8.6	5.2	3.3	11.6	18.5	0.0	0.0
Unclassified scrap	1.4	0.5	1.5	0.2	0.0	0.0	6.0	2.9	0.1	0.0	0.0
Wahoo	0.0	0.1	1.3	13.0	4.8	3.4	2.1	9.9	4.6	0.0	0.0
Total	249.5	608.5	606.0	1228.8	690.8	391.6	314.2	1290.9	1123.2	0.0	0.0

Table 15. Weight (lb x 1000) of "other" shellfish species landed commercially from the Gulf of Mexico, 1972-1993.

Species	Year												
	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Lobster, shovelnose	-	-	-	-	-	-	-	-	-	-	-	-	-
Lobster, spiny	-	-	-	-	-	-	-	-	-	-	-	-	-
Mantis shrimp	2.7	2.5	10.5	4.2	8.2	8.5	11.2	0.6	0.0	0.0	3.3	5.2	17.0
Squid, 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	3.9
Stone crab	2.7	2.5	10.5	4.2	8.2	8.5	11.2	0.6	0.0	0.0	3.3	5.2	20.9
Total													

Species	Year								
	1985	1986	1987	1988	1989	1990	1991	1992	1993
Lobster, shovelnose	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
Lobster, spiny	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0
Mantis shrimp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
Squid, unclassified	15.1	14.8	14.7	12.5	18.1	10.2	5.9	9.5	3.7
Stone crab	3.2	0.0	1.5	3.6	1.7	1.7	0.6	3.1	1.5
Total	18.2	14.8	16.3	16.2	19.8	12.1	6.5	12.6	5.4

Table 16. Ex-vessel value (\$ x 1000) of "other" shellfish species landed commercially from the Gulf of Mexico, 1972-1993.

Species	Year												
	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Lobster, shovelnose	-	-	-	-	-	-	-	-	-	-	-	-	-
Lobster, spiny	-	-	-	-	-	-	-	-	-	-	-	-	-
Mantis shrimp	0.4	0.3	1.7	0.9	1.9	2.4	3.2	0.2	0.0	0.0	1.0	2.0	6.0
Squid, 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	3.6
Stone crab	0.4	0.3	1.7	0.9	1.9	2.4	3.2	0.2	0.0	0.0	1.0	2.0	9.6
Total													

Species	Year								
	1985	1986	1987	1988	1989	1990	1991	1992	1993
Lobster, shovelnose	0.0	0.0	0.0	0.3	0.1	0.0	0.0	0.0	0.0
Lobster, spiny	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0
Mantis shrimp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Squid, unclassified	6.1	6.8	6.1	4.9	4.0	4.4	2.1	4.6	2.1
Stone crab	3.8	0.0	0.7	2.3	1.1	0.7	0.3	2.0	0.9
Total	9.9	6.8	6.8	7.4	5.2	5.8	2.4	6.6	3.1

Table 17. Ex-vessel price (\$/lb) of finfish, 1972-1993.

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	0.75-2.43	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	0.78	0.56-2.38	1.21	0.20-1.11	0.30	0.64-2.70	2.01	0.10-15.0	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	1.10
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	0.07-10.4	1.12
1993	0.30-1.23	0.77	0.64-2.18	1.54	0.25-0.73	0.40	0.81-2.68	1.83	0.09-12.5	1.21

Table 18. Ex-vessel price (\$/lb) of shellfish, 1972-1993.

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	1.92		0.17-2.67	0.32		0.30-0.88	0.48		1.14-1.93	1.56	

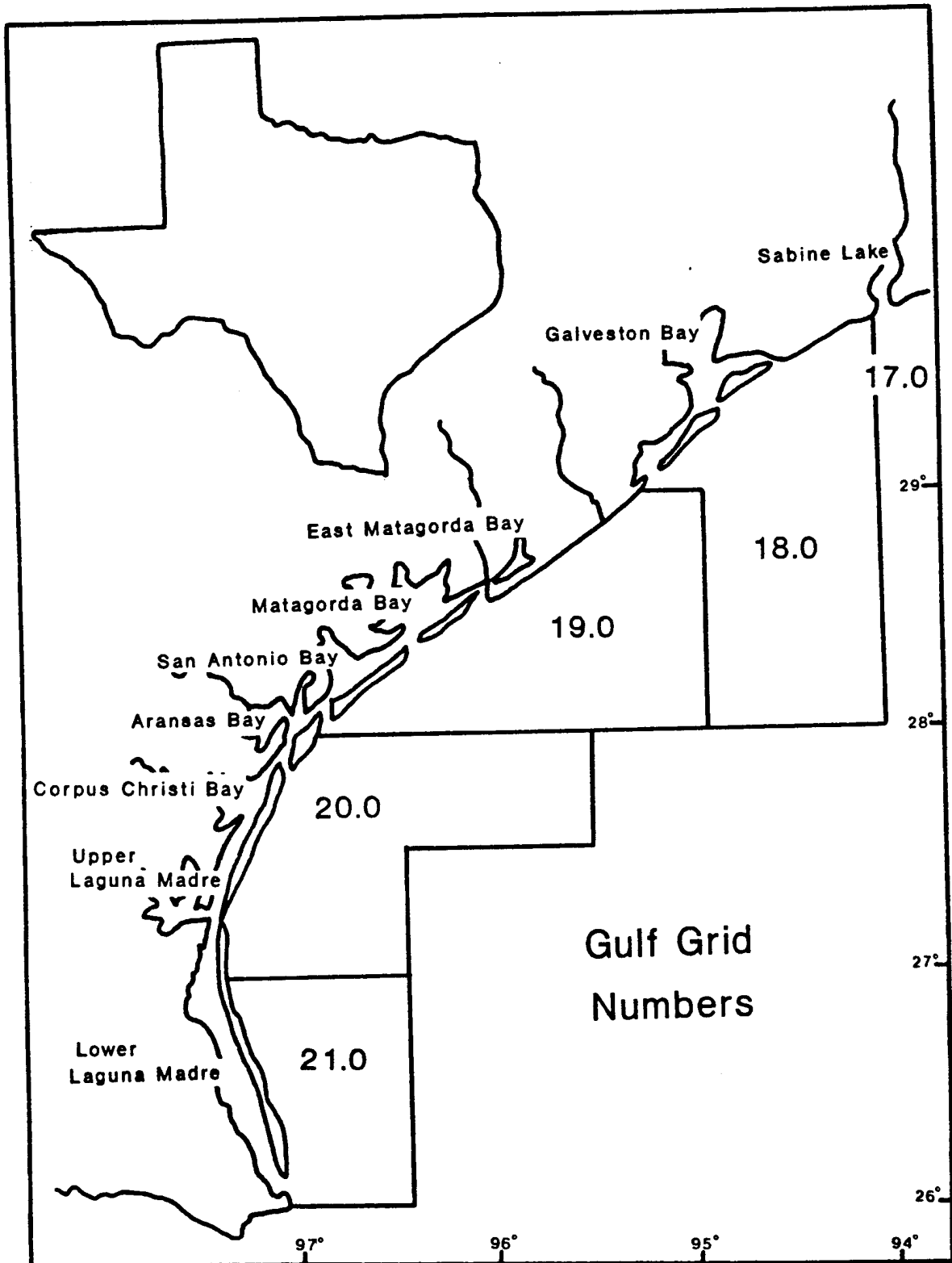


Figure 1. Texas bay systems and Gulf of Mexico grid zones.

Grand Total

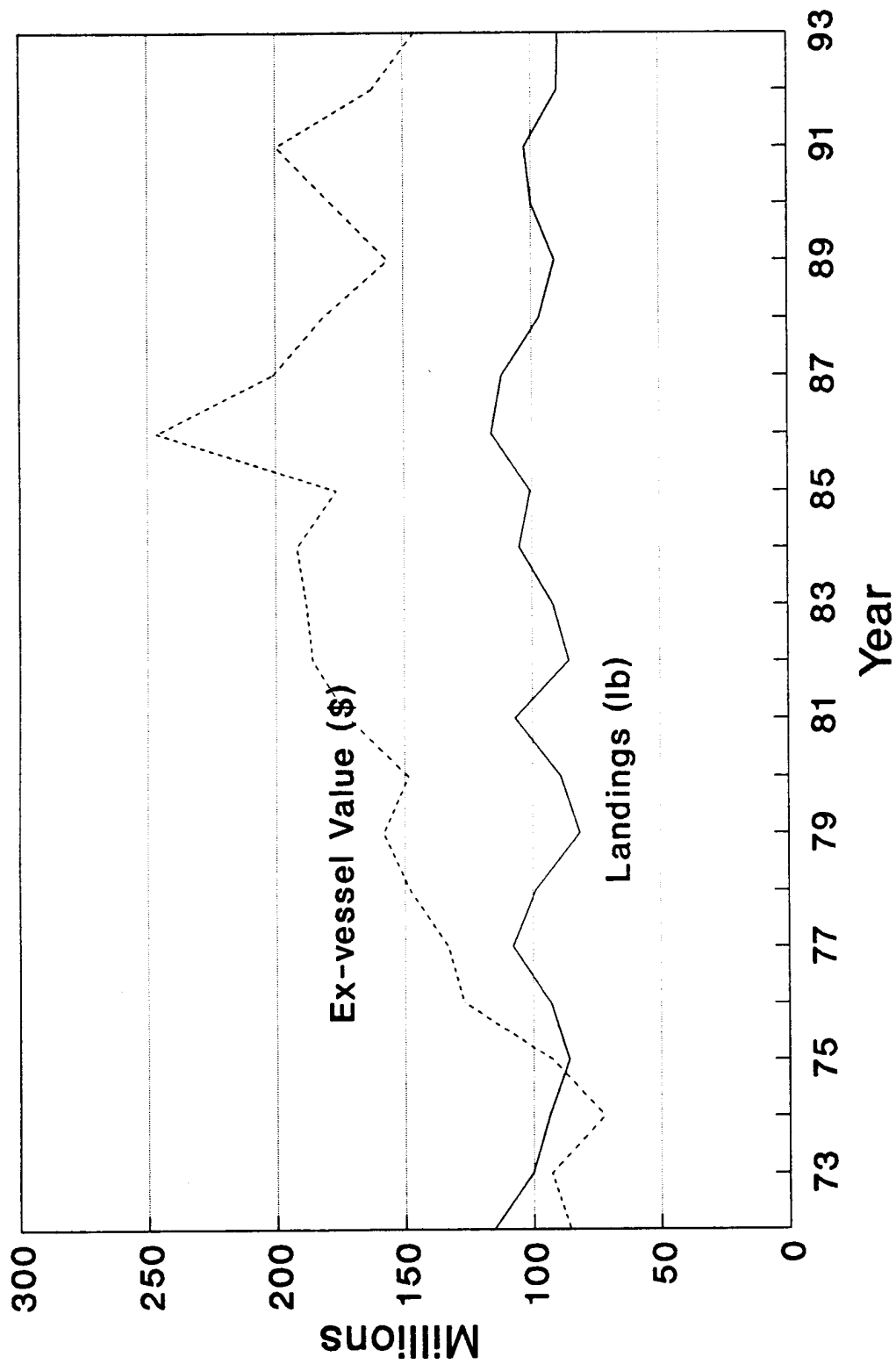


Figure 3. Texas commercial landings (lb) and ex-vessel value (\$) for all seafood from bays and the Gulf of Mexico (grand total), by year for 1972-1993.

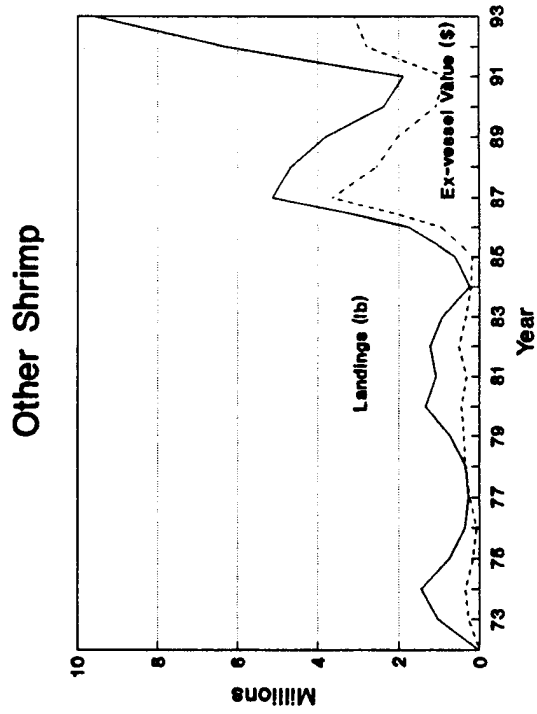
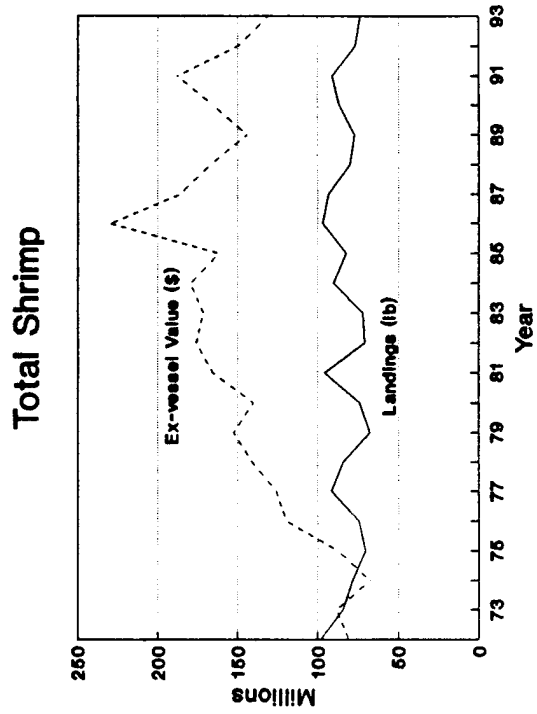
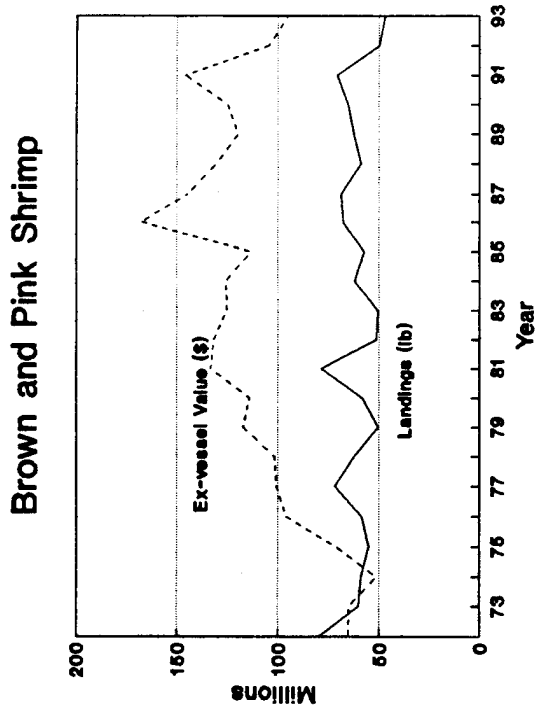
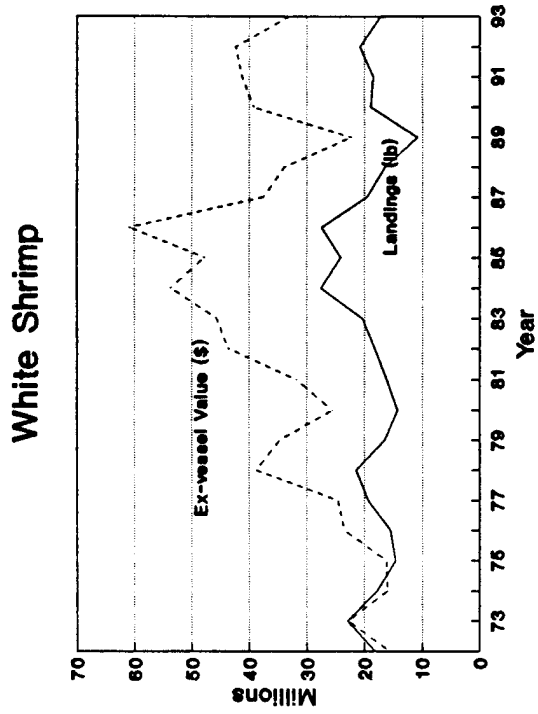
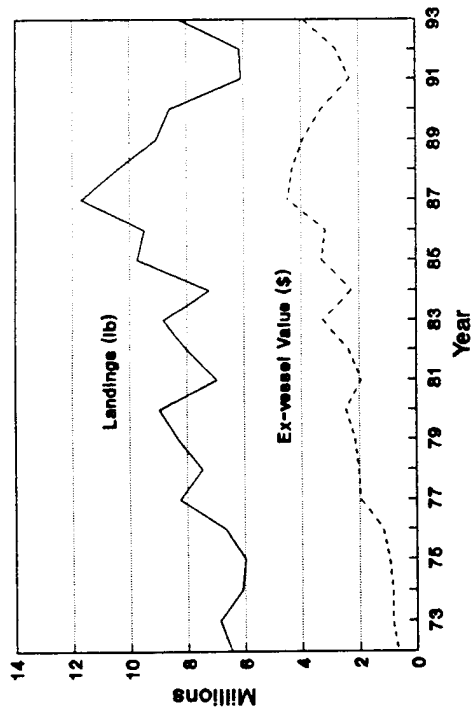
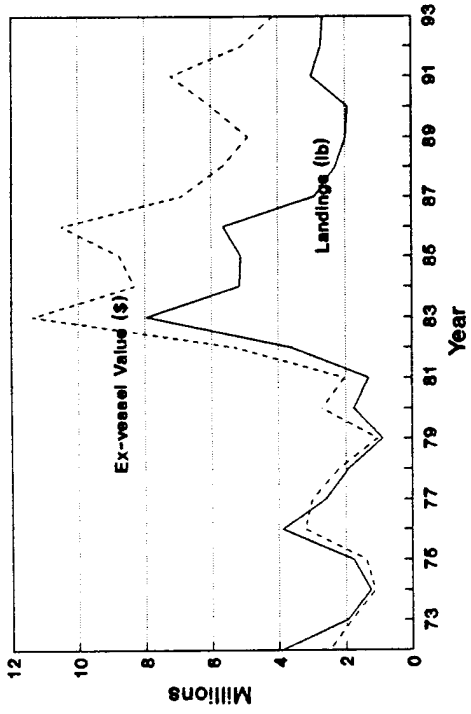


Figure 4. Texas commercial landings (lb) and ex-vessel value (\$) of brown and pink shrimp, white shrimp, other shrimp and total shrimp landed for 1972-1993.

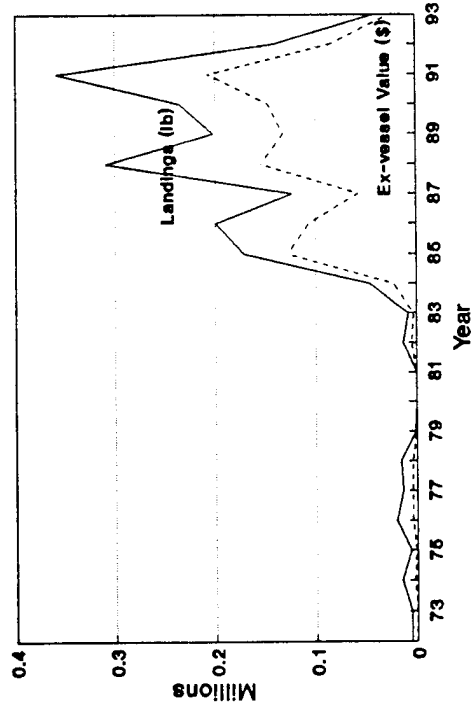
Blue Crab



Eastern Oyster



Other Shellfish



Total Shellfish

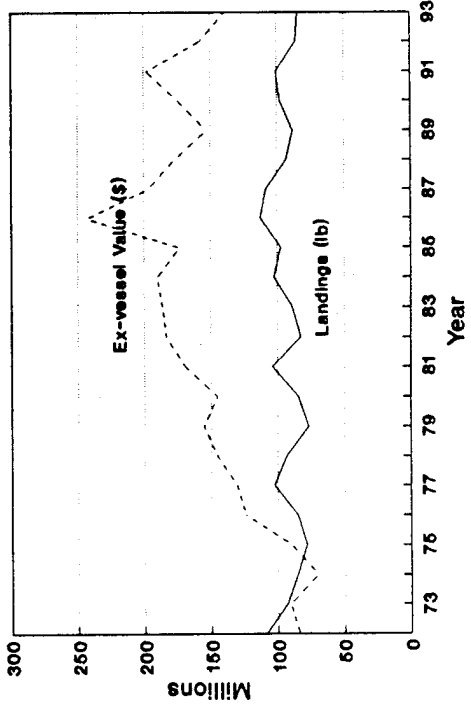
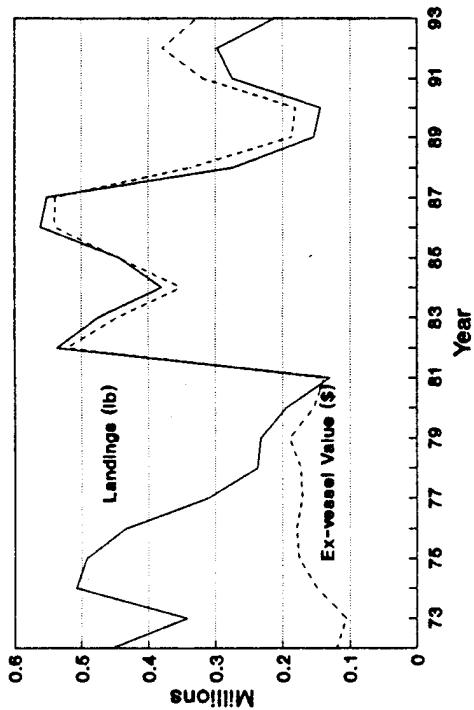
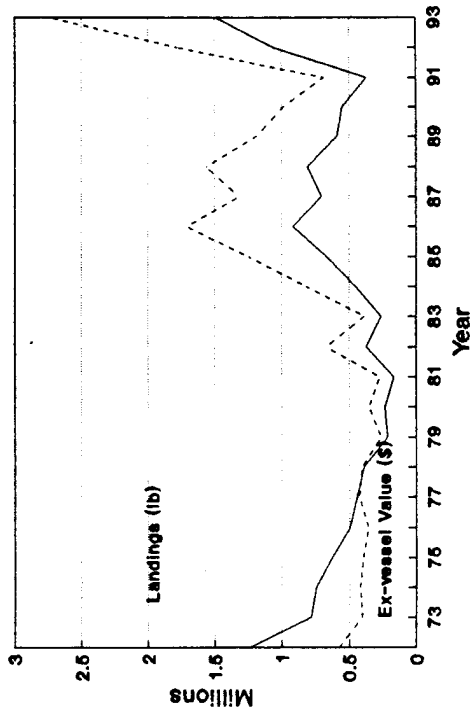


Figure 5. Texas commercial landings (lb) and ex-vessel value (\$) of blue crab, Eastern oyster, other shellfish and total shellfish landed for 1972-1993.

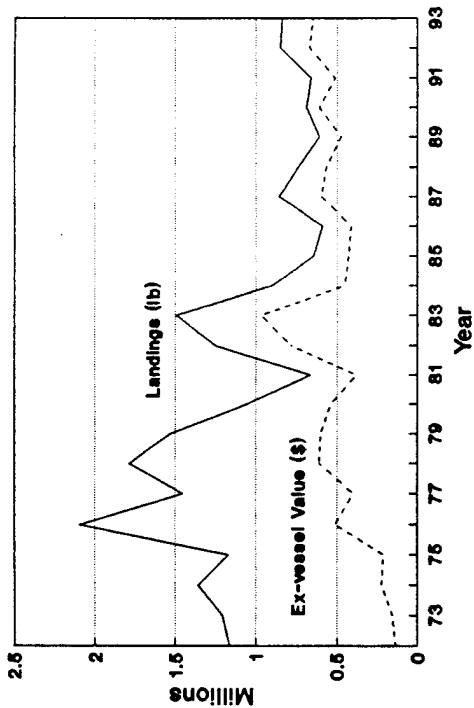
Flounder



Snapper



Black Drum



Sheepshead

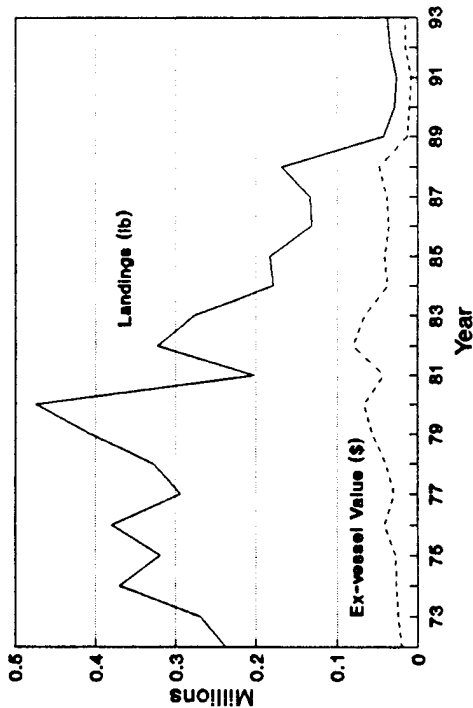


Figure 6. Texas commercial landings (lb) and ex-vessel value (\$) of black drum, flounder, sheepshead, and snapper (all species) landed for 1972-1993.

Total Finfish

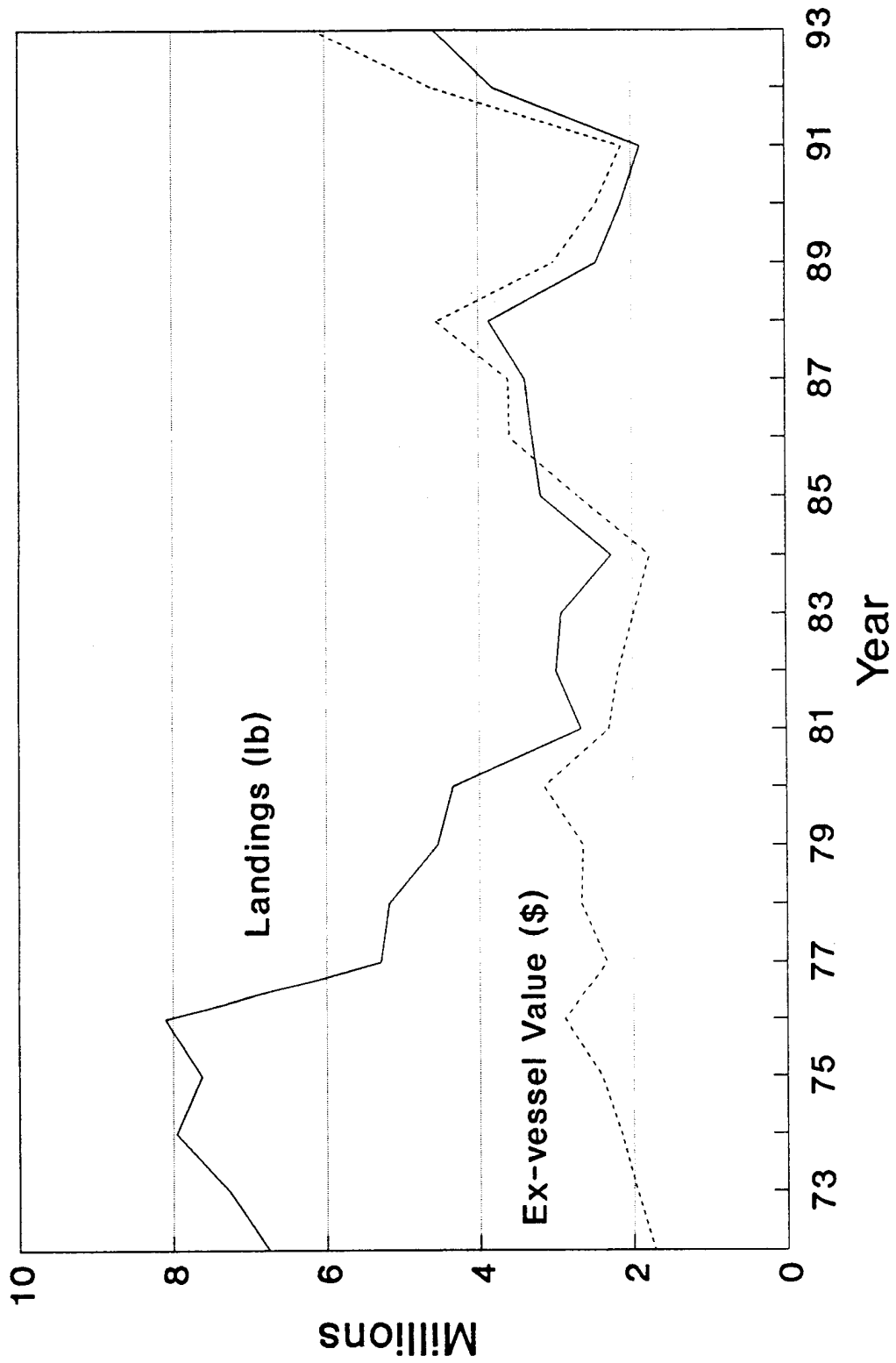


Figure 7. Texas commercial landings (lb) and ex-vessel value (\$) of total finfish for 1972-1993.

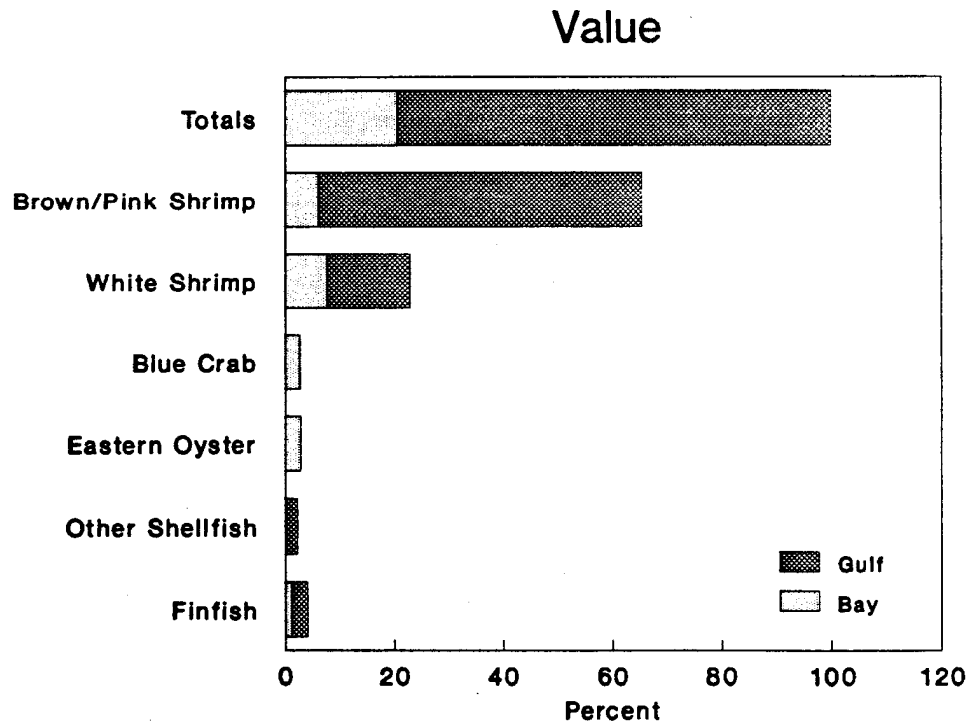
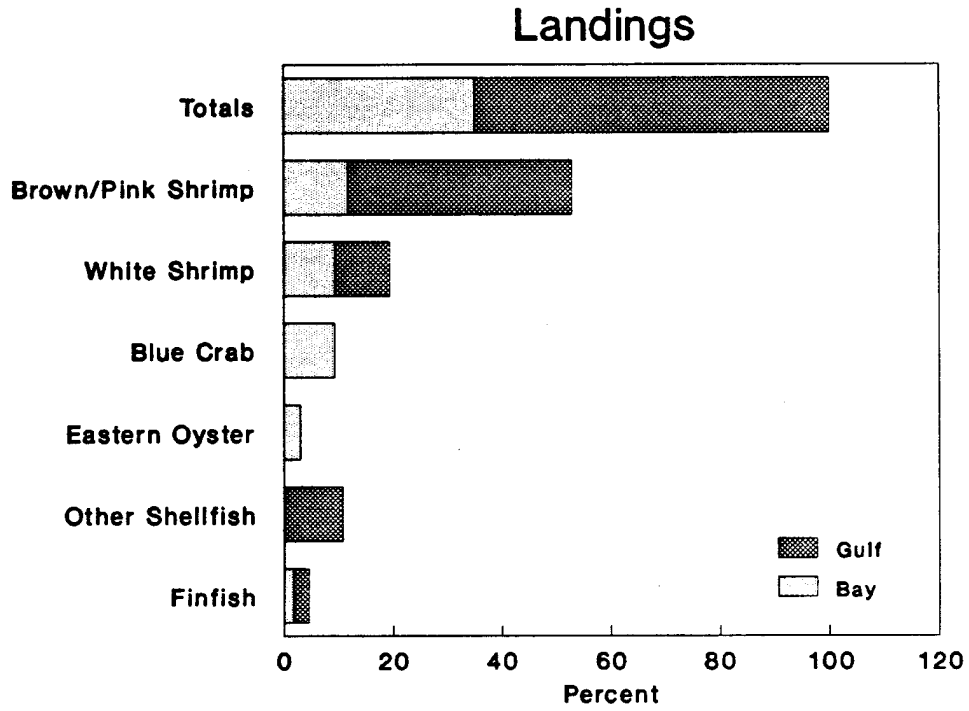


Figure 8. Percent of total coastwide bay and Gulf landings and ex-vessel value contributed by major commercial species groups for the interval 1989-1993.

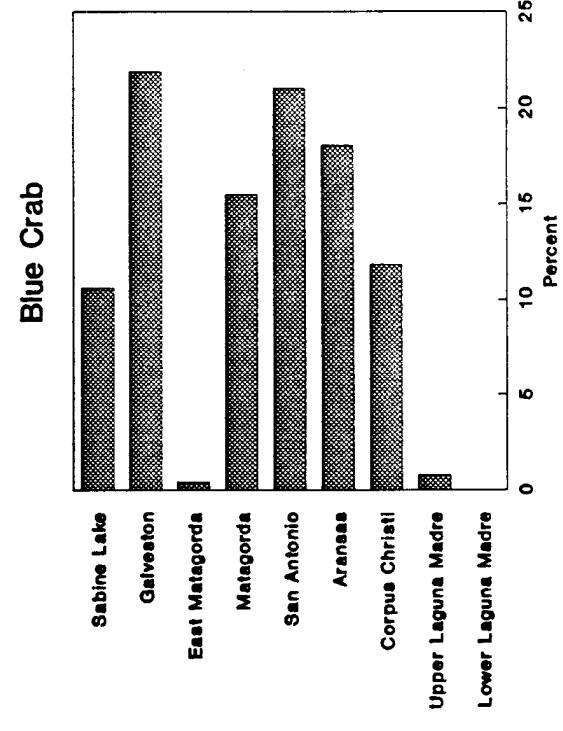
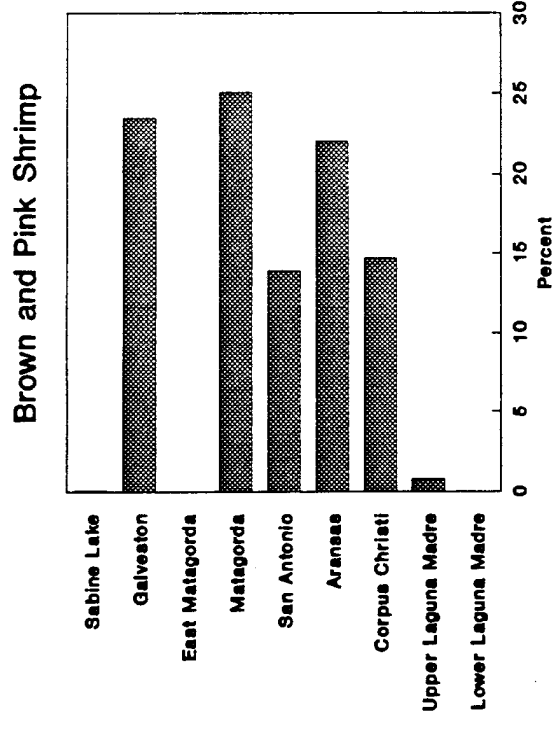
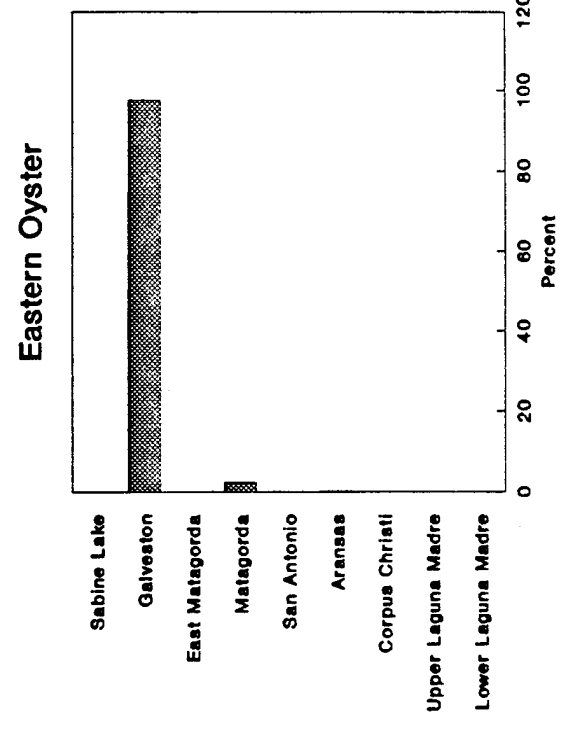
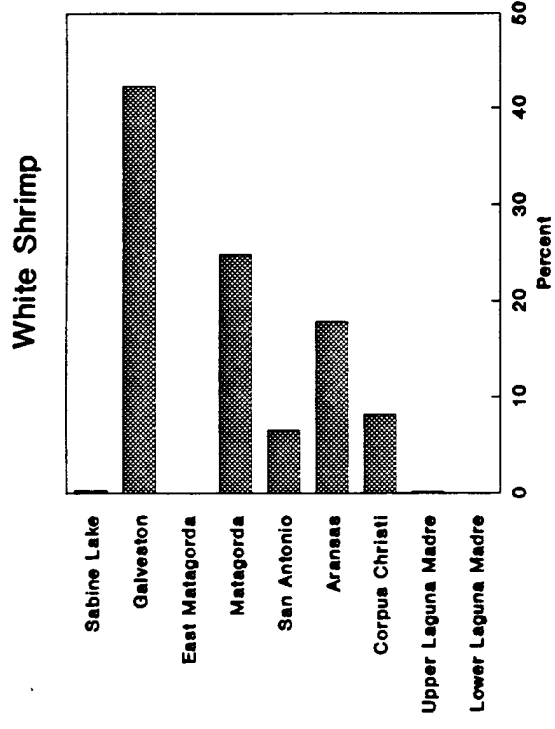
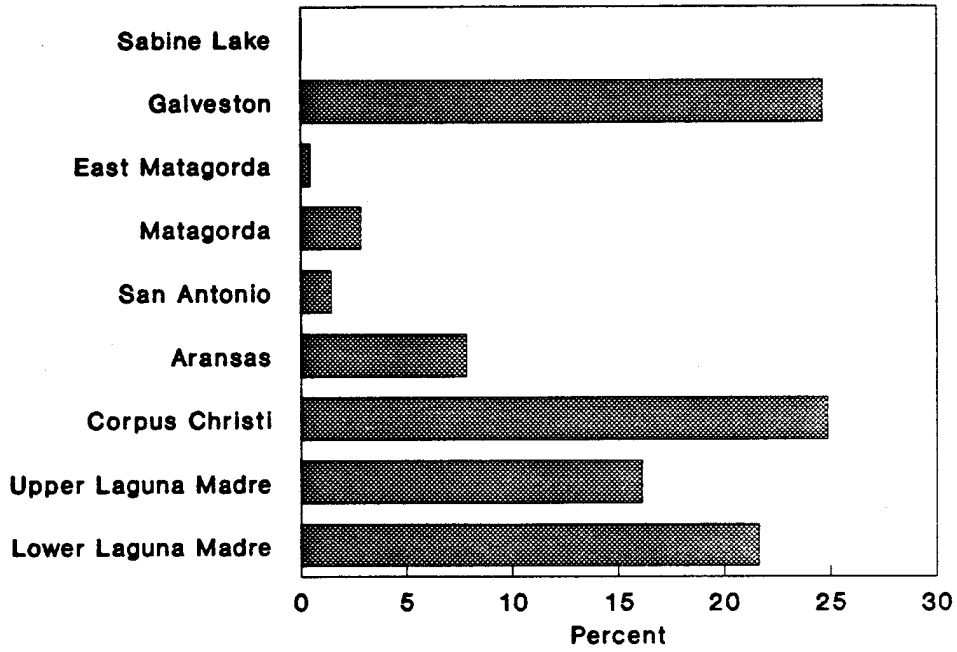


Figure 9. Percent of total landings of brown and pink shrimp, white shrimp, blue crab, and Eastern oysters contributed by each major bay system for the interval 1989-1993.

Total Finfish - Bay



Total Finfish - Gulf

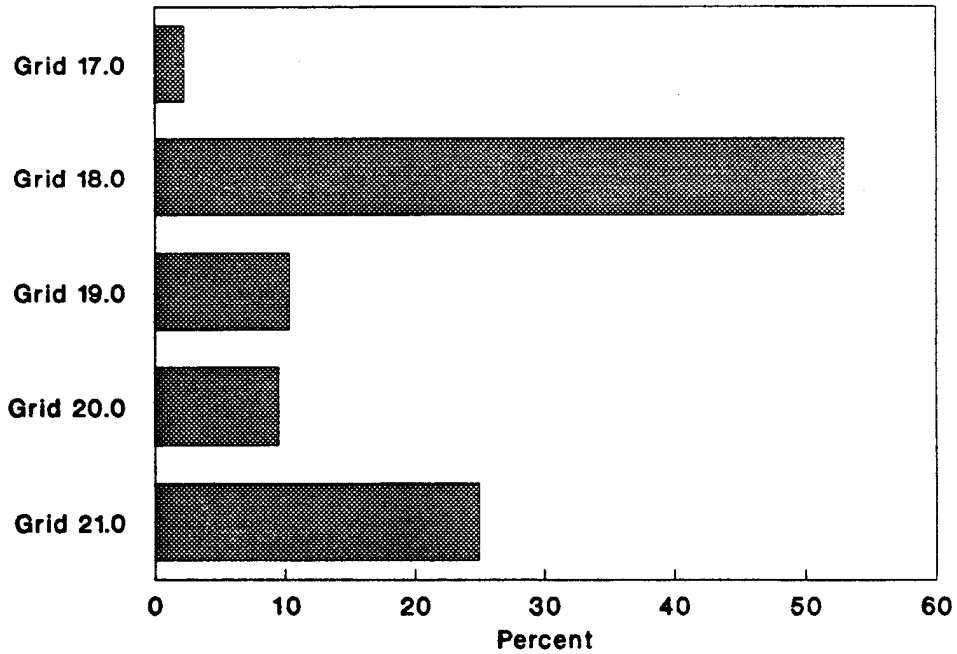


Figure 10. Percent of total finfish landings from bays contributed by each bay system and percent of total finfish landings from the Gulf contributed by each grid zone for the interval 1989-1993.

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, Unclass.	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
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
233	Unclassified Food	1.00	1.00	1.00
232	Unclassified Scrap	1.00	1.00	1.00
547	Wahoo	2.86	1.11	1.33

Code	Species	Dozen	Quart
434	Killifish, Unclassified	0.12	
397	Mullet, Unclassified	0.31	
680	Atlantic Cutlassfish	2.64	
602	Atlantic Croaker	0.38	
31249	Bait shrimp, Live	-	1.5

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

Table A.2. 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.3. 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 during 1972-1993.

Table B.1. Weight (lb) of each species landed commercially from the Sabine Lake system, 1972-1993.

Year	Finfish										Shellfish					Grand Total	
	Black Drum	Flounder	Sheeps-head	Mullet	Other	Total	Brown and Pink			Shrimp		Blue Crab	Eastern Oyster	Other	Total		
							White	Other	Total	White	Other						Total
1972	0	0	0	0	0	0	0	0	0	9331	0	9331	1288708	0	0	1298039	1298039
1973	1400	0	0	0	4682	6082	0	0	0	0	0	0	1358213	0	0	1358213	1364295
1974	0	0	0	0	0	0	0	0	0	0	0	0	560812	0	0	560812	560812
1975	647	530	804	0	2368	4349	0	0	0	0	0	0	620926	0	0	620926	625275
1976	0	219	55	0	4055	4329	0	8245	0	8245	0	8245	514202	0	0	522447	526776
1977	980	687	139	0	1010	2816	2336	4212	0	6548	0	6548	226100	0	0	232648	235464
1978	0	330	59	0	114	503	0	2763	0	2763	0	2763	624171	0	0	626934	627437
1979	556	51	764	56	600	2027	0	0	0	0	0	0	163301	0	0	163301	165328
1980	48	78	627	60	2220	3033	1099	49900	4668	55667	70089	0	0	0	0	125756	128789
1981	219	119	76	12	974	1400	12830	43248	0	56078	72624	0	0	0	0	128702	130102
1982	0	0	0	0	0	0	0	170835	488	171323	113443	0	0	0	0	284766	284766
1983	379	567	430	0	1341	2717	0	740	0	740	172874	0	0	0	0	173614	176331
1984	244	176	1588	0	0	2008	12384	10451	0	22835	555304	0	0	0	0	578139	580147
1985	486	2283	1592	0	983	5344	0	21169	0	21169	673758	0	0	0	0	694927	700271
1986	154	2056	1874	0	1172	5256	539	7925	0	8464	1345792	70	763	1355089	809476	1360345	1360345
1987	153	2527	2349	0	2997	8026	203	173190	0	173393	626999	928	130	801450	809476	809476	809476
1988	132	1676	2424	0	2055	6287	13101	348217	676	361994	443171	0	65	805230	811517	811517	811517
1989	80	535	2465	0	2284	5364	0	182492	0	182492	1224093	0	0	1406585	1411949	1411949	1411949
1990	318	412	1428	0	2495	4653	3779	127096	0	130875	742535	0	588	873998	878651	878651	878651
1991	669	1775	402	1860	1360	6066	1967	3072	0	5040	696385	0	57	701482	707548	707548	707548
1992	34	2034	119	0	7828	10015	2896	19310	0	22206	266308	0	668	289182	299197	299197	299197
1993	0	61	43	0	516	620	5010	21870	435	27314	871533	0	0	898847	899467	899467	899467

Table B.2. Ex-vessel value (\$) of each species landed commercially from the Sabine Lake system, 1972-1993.

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	0	4697	0	4697	127369	0	0	132066
1973	210	0	0	0	1800	2010	0	0	0	0	158433	0	0	158433
1974	0	0	0	0	0	0	0	0	0	0	77090	0	0	77090
1975	114	195	117	0	545	971	0	0	0	0	96740	0	0	96740
1976	0	73	11	0	1383	1466	0	9317	0	9317	89127	0	0	98444
1977	281	424	34	0	569	1308	1098	2529	0	3627	57904	0	0	61530
1978	0	165	12	0	23	200	0	4528	0	4528	163288	0	0	167817
1979	199	25	168	13	240	645	0	0	0	0	49328	0	0	49328
1980	24	43	166	28	1526	1787	1113	37518	1354	39985	24043	0	0	64028
1981	79	59	15	6	451	610	8600	38279	0	46879	29575	0	0	76454
1982	0	0	0	0	0	0	0	197418	220	197637	43907	0	0	241544
1983	196	411	94	0	275	976	0	1029	0	1029	74654	0	0	75682
1984	110	161	497	0	0	768	8762	12339	0	21101	204298	0	0	225399
1985	462	2025	602	0	375	3464	0	10747	0	10747	231322	0	0	242068
1986	104	1958	777	0	429	3268	302	3931	0	4233	456436	72	305	461046
1987	61	2523	990	0	1812	5386	374	151207	0	151580	236764	1908	59	390310
1988	124	1668	1016	0	1900	4707	8084	279949	309	288342	183957	0	33	472332
1989	44	501	997	0	2731	4273	0	109314	0	109314	520764	0	0	630078
1990	166	540	625	0	2192	3523	1904	101719	0	103623	201430	0	294	305347
1991	431	1442	141	601	857	3472	2621	6429	0	9050	249323	0	29	258401
1992	24	2434	29	0	2258	4746	3169	13898	0	17067	169499	0	366	186932
1993	0	60	11	0	326	397	3848	15000	148	18996	354640	0	0	373636

Table B.3. Weight (lb) of each species landed commercially from the Galveston Bay system, 1972-1993.

Year	Finfish										Shellfish					Grand Total
	Black Drum	Flounder	Sheeps-head	Mullet	Other	Total	Brown and Pink			Shrimp		Blue Crab	Eastern Oyster	Other	Total	
							White	Pink	Other	White	Other					
1972	72641	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	10633350	
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	
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	101299	227436	376290	2441483	3487477	0	5928961	1801341	2555235	20281	10305818	10682108	

Table B.4. Ex-vessel value (\$) of each species landed commercially from the Galveston Bay system, 1972-1993.

Year	Finfish					Shellfish					Grand Total				
	Bleck 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	3505435	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	7804993
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	14091	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	14805	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
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	19012	368872	431042	1725155	4512524	0	6237679	933626	3988742	11174	11171221	11602263

Table B.5. Weight (lb) of each species landed commercially from the Matagorda Bay system, 1972-1993.

Year	Finfish										Shellfish							Grand Total
	Black Drum	Flounder	Sheeps-head	Mullet	Other	Total	Brown and Pink			Shrimp		Blue Crab	Eastern Oyster	Other	Total			
							White	Other	Total	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			
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	16876	43802	2602343	2045050	0	4647393	1276280	59836	646	5984155	6027957			

Table B.6. Ex-vessel value (\$) of each species landed commercially from the Matagorda Bay system, 1972-1993.

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	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	48015	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	6355605	0	8682239	844342	179638	4993	9711213	9723082
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	23378	55461	2338524	2886419	0	5224943	709945	84274	545	6019707	6075167

Table B.7. Weight (lb) of each species landed commercially from the East Matagorda Bay system, 1972-1993.

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	2968	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
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	6406	7147	0	672	0	672	35133	0	8	35813	42960

Table B.8. Ex-vessel value (\$) of each species landed commercially from the East Matagorda Bay system, 1972-1993.

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	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	390	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
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	12387	14697	0	2238	0	2238	24593	0	4	26835	41532

Table B.9. Weight (lb) of each species landed commercially from the San Antonio Bay system, 1972-1993.

Year	Finfish										Shellfish							Grand Total
	Black Drum	Flounder	Sheeps-head	Mullet	Other	Total	Brown and Pink			Shrimp		Blue Crab	Eastern Oyster	Other	Total			
							White	Other	Total	White	Other					Total		
1972	27996	6646	13393	1800	111905	161740	88319	886270	0	974589	995493	397557	100	2367739	2529479			
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	142641	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			
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	3243	22166	1444107	536903	0	1981010	1730271	0	343	3711624	3733790			

Table B.10. Ex-vessel value (\$) of each species landed commercially from the San Antonio Bay system, 1972-1993.

Year	Finfish										Shellfish										Grand Total
	Bleck Drum	Flounder	Sheeps-head	Mullet	Other	Total	Brown and Pink			Shrimp			Blue Crab	Eastern Oyster	Other	Total					
							White	Other	Total	White	Other	Total									
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	775324	0	1804144	802171	503256	0	3109570	3262454						
1981	5445	13066	736	1519	69713	90479	461439	537989	0	999428	797728	194684	0	1991840	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						
1991	0	24886	369	0	868	26123	1585941	1973721	0	3559662	567607	1195012	162E3	5484340	5510464						
1992	414	39792	174	13	1308	41701	437636	1856224	0	2293860	750685	111540	8736	3164821	3206522						
1993	263	25247	103	75	7108	32795	1260980	716504	0	1977484	614652	0	174	2592310	2625105						

Table B.11. Weight (lb) of each species landed commercially from the Aransas Bay system, 1972-1993.

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	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
1991	23989	33976	517	0	345	58827	4883333	2239425	0	7122758	868176	0	44322	8035256	8094083
1992	25638	40063	3954	1281	2169	73105	1572490	2726912	0	4299402	997576	0	12858	5309836	5382941
1993	64894	41338	8768	300	4522	119822	2293107	1469728	0	3762835	1487417	3728	11342	5265322	5385144

Table B.12. Ex-vessel value (\$) of each species landed commercially from the Arkansas Bay system, 1972-1993.

Year	Finfish						Shellfish						Grand Total		
	Black Drum	Flounder	Sheeps-head	Mullet	Shrimp		Blue Crab	Eastern Oyster	Other	Total					
					Brown and Pink	White					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
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	1062	12455	133892	1879955	2050436	0	3930391	686374	6845	8128	4631738	4765630

Table B.13. Weight (lb) of each species landed commercially from the Corpus Christi Bay system, 1972-1993.

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	102876	8496	8383	420	196594	316769	51842	324846	0	376688	70652	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
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	13008	111	32042	379435	1526056	675493	0	2201549	971668	0	1786	3175003	3554438

Table B.14. Ex-vessel value (\$) of each species landed commercially from the Corpus Christi Bay system, 1972-1993.

Year	Finfish						Shellfish						Grand Total		
	Black Drum	Flounder	Sheeps-head	Mullet	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	1360642	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
1991	129487	62426	1733	853	15336	209834	2730046	1795222	215	4325483	46555	1152	3935	4577125	4786959
1992	291765	118554	5757	281	26169	442525	3117212	2185973	0	5303185	252450	0	17163	5572797	6015323
1993	250286	94345	5699	266	52542	403138	1522693	978785	0	2501478	564486	0	1495	3067459	3470598

Table B.15. Weight (lb) of each species landed commercially from the upper Laguna Madre system, 1972-1993.

Year	Finfish						Shellfish						Grand Total		
	Black Drum	Flounder	Sheeps-head	Mullet	Other		Total	Brown and Pink	Shrimp		Blue Crab	Eastern Oyster		Total	
					Other	Total			White	Other		Other			Total
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
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	15151	246385	82236	7235	194	89665	63156	0	93	152914	399299

Table B.16. Ex-vessel value (\$) of each species landed commercially from the upper Laguna Madre system, 1972-1993.

Year	Finfish						Shellfish						Grand Total		
	Black Drum	Flounder	Sheeps-head	Mullet	Other	Total	Shrimo			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	294320	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
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	25804	197768	102238	12426	252	114916	41333	0	85	156334	354102

Table B.17. Weight (lb) of each species landed commercially from the Lower Laguna Madre system, 1972-1993.

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
1991	332629	79418	7768	0	2319	422134	0	0	0	0	13029	5059	544	18632	440766
1992	281723	56744	1151	1337	24366	365321	0	0	0	0	53511	3624	837	57972	423293
1993	236063	27771	478	3702	62427	330441	0	0	340	340	327	0	1021	1688	332129

Table 8.18. Ex-vessel value (\$) of each species landed commercially from the lower Laguna Madre system, 1972-1993.

Year	Finfish						Shellfish						Grand Total		
	Black Drum	Flounder	Sheeps-head	Mullet	Shrimp		Brown and Pink	Blue Crab	Eastern Oyster	Other	Total				
					Other	Total									
1972	26777	3490	1029	0	232138	263434	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	91937	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
1991	163571	68967	1414	0	1109	235061	0	0	0	0	4638	12618	283	17539	252600
1992	158832	58054	212	1308	14777	233184	0	0	0	0	22955	8880	374	32209	265393
1993	165567	42495	210	3702	145608	357581	0	0	399	399	212	0	905	1516	359098

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 during 1972-1993.

Table C.1. Weight (lb) of each species, except shrimp, landed commercially from the Gulf of Mexico grid zone 17.0 during 1972-1993.

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	
1991	68	2902	431	8273	134	569	17966	6978	37321	9574	307	9881	47202	
1992	185	4331	209	5154	177	200	42504	2693	55453	7257	37	7294	62747	
1993	96	1605	140	3301	0	0	44253	7894	57289	2111	48	2159	59448	

Table C.2. Ex-vessel value (\$) of each species, except shrimp, landed commercially from the Gulf of Mexico grid zone 17.0 during 1972-1993.

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	17689	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	
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	5447	84208	1163	60	1223	85431	

Table C.3. Weight (lb) of each species, except shrimp, landed commercially from the Gulf of Mexico grid zone 18.0 during 1972-1993.

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	1922	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	
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	5460	46	16479	9107	97106	817276	390180	1335654	34	805	839	1336493	

Table C-4. Ex-vessel value (\$) of each species, except shrimp, landed commercially from the Gulf of Mexico grid zone 18.0 during 1972-1993.

Year	Finfish							Shellfish			Grand Total		
	Black Drum	Sheeps-head Flounder	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	2235	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	222736
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	13944	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
1991	350	7806	190	1702	632	33158	236556	15112	295506	370	768	1139	296644
1992	5592	11789	10	626	5239	90932	985115	614710	1714014	34	1872	1907	1715920
1993	0	5743	23	1895	8475	163464	1494331	361787	2035717	17	496	514	2036231

Table C.5. Weight (lb) of each species, except shrimp, landed commercially from the Gulf of Mexico grid zone 19.0 during 1972-1993.

Year	Finfish										Shellfish			Grand Total
	Black Drum	Sheeps-head	Mullet	Cobia	Groupers	Snapper	Other	Total	Blue Crab		Other	Total		
									Crab	Other				
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	
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	12192	531	511	143	17999	221042	8413	260920	400	1733	2133	263053	

Table C.6. Ex-vessel value (\$) of each species, except shrimp, landed commercially from the Gulf of Mexico grid zone 19.0 during 1972-1993.

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	28099	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	745	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	271640	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	34532	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	202085	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	
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	16619	251	256	121	35109	417283	7477	477192	140	1057	1197	478389	

Table C.7. Weight (lb) of each species, except shrimp, landed commercially from the Gulf of Mexico grid zone 20.0 during 1972-1993.

Year	Finfish										Shellfish			Grand Total
	Black Drum	Sheeps-head	Flounder	Mullet	Cobia	Grouper	Snapper	Other	Total	Blue Crab	Other	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	
1991	6	4827	133	597	1377	69234	69603	37996	183773	0	0	0	183773	
1992	0	170	294	38	107	51268	132179	46301	230357	0	781	781	231138	
1993	32	4509	217	1978	507	65170	123220	44210	239843	0	972	972	240815	

Table C.8. Ex-vessel value (\$) of each species, except shrimp, landed commercially from the Gulf of Mexico grid zone 20.0 during 1972-1993.

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	
1991	4	6565	81	339	1153	98339	137113	35032	278626	0	0	0	278626	
1992	0	240	141	39	128	70050	251835	33003	355436	0	324	324	355761	
1993	39	5862	86	2352	838	101502	254393	44140	409211	0	367	367	409578	

Table C.9. Weight (lb) of each species, except shrimp, landed commercially from the Gulf of Mexico grid zone 21.0 during 1972-1993.

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	
1991	1267	995	0	0	780	8729	98634	122843	233248	833	1876	2709	235957	
1992	19848	5282	0	48	76	10947	193085	302533	531819	43	3082	3125	534944	
1993	13599	613	0	48	249	17511	281952	314647	628619	0	1817	1817	630436	

Table C.10. Ex-vessel value (\$) of each species, except shrimp, landed commercially from the Gulf of Mexico grid zone 21.0 during 1972-1993.

Year	Finfish										Shellfish			Grand Total
	Black Drum	Sheeps-head	Flounder	Mullet	Cobia	Grouper	Snapper	Other	Total	Blue Crab	Other	Total		
													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	4867	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	369200	108598	524634	376	1543	1919	526553	
1990	2215	1882	6	0	195	17849	301704	128674	452524	0	1875	1875	454400	
1991	1536	1209	0	0	508	7299	145065	244239	399855	333	503	837	400692	
1992	14114	4496	0	60	58	11240	213242	624189	867400	8	1836	1844	869244	
1993	11516	1004	0	60	240	22385	487393	704376	1226974	0	1085	1085	1228059	

Appendix D. Monthly commercial finfish and shellfish landings (lb) and ex-vessel value (\$) by bay system for Texas bays during 1993.

Table D.1. Weight (lb) of each species landed commercially from the Sabine Lake system during 1993.

Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
FINFISH													
Flounder, unclassified	31	30	0	0	0	0	0	0	0	0	0	0	61
Kingsfish, unclassified	29	68	0	0	0	0	0	0	0	0	0	0	97
Others, unclassified	0	0	392	0	0	12	0	0	0	15	0	0	419
Sheepshead	43	0	0	0	0	0	0	0	0	0	0	0	43
Total finfish	103	98	392	0	0	12	0	0	0	15	0	0	620
SHELLFISH													
Shrimp, brown	0	0	0	0	0	0	4297	568	0	145	0	0	5010
Shrimp, seabob	0	0	0	0	0	0	0	0	0	0	435	0	435
Shrimp, white	0	0	0	0	0	385	146	11599	2955	6436	348	0	21870
Total shrimp	0	0	0	0	0	385	4443	12168	2955	6581	783	0	27314
Crab, blue	2174	3676	1563	51421	233899	172844	143665	59067	52894	65685	58062	26583	871533
Total shellfish	2174	3676	1563	51421	233899	173229	148108	71235	55849	72266	58845	26583	898847
Grand Total	2277	3774	1955	51421	233899	173241	148108	71235	55849	72281	58845	26583	899467

Table D.2. Ex-vessel value (\$) of each species landed commercially from the Sabine Lake system during 1993.

Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
FINFISH													
Flounder, unclassified	23	38	0	0	0	0	0	0	0	0	0	0	60
Kingfish, unclassified	6	15	0	0	0	0	0	0	0	0	0	0	21
Others, unclassified	0	0	294	0	0	6	0	0	0	5	0	0	305
Sheepshead	11	0	0	0	0	0	0	0	0	0	0	0	11
Total finfish	40	52	294	0	0	6	0	0	0	5	0	0	397
SHELLFISH													
Shrimp, brown	0	0	0	0	0	0	3105	306	0	437	0	0	3848
Shrimp, seabob	0	0	0	0	0	0	0	0	0	0	148	0	148
Shrimp, white	0	0	0	0	0	269	558	7627	2067	4275	204	0	15000
Total shrimp	0	0	0	0	0	269	3663	7933	2067	4712	352	0	18996
Crab, blue	1295	2823	1172	26648	94378	52560	43848	21288	26447	36127	32104	15950	354640
Total shellfish	1295	2823	1172	26648	94378	52829	47511	29221	28514	40839	32456	15950	373636
Grand Total	1335	2876	1466	26648	94378	52835	47511	29221	28514	40843	32456	15950	374033

Table D.3. Weight (lb) of each species landed commercially from the Galveston Bay system during 1993.

Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
FINFISH													
Atlantic croaker	0	105	0	725	1705	2051	12	644	181	0	223	0	5646
Atlantic cutlassfish	0	0	0	0	0	0	40	21	0	0	0	0	61
Black drum	1016	451	485	1434	946	994	207	753	3392	945	397	776	11796
Flounder, unclassified	254	429	121	1692	1669	1140	917	1729	2018	7717	4239	739	22664
Gafftopsail catfish	0	0	244	2972	1117	669	292	1288	552	410	58	0	7602
Herring, unclassified	0	0	0	46	70	149	150	248	5175	320	0	0	6158
Kingfish, unclassified	13	90	47	32	7	0	65	40	48	211	123	25	701
Mullet, unclassified	167	107	159	6585	21893	21415	21376	6213	8445	12334	2390	215	101299
Others, unclassified	50	49	103	3372	10350	25371	20653	69634	21985	19211	5798	15186	191762
Seatrout, sand	0	2	0	0	23	0	0	0	0	0	0	0	25
Sheepshead	786	429	102	856	1956	835	543	373	1257	5737	137	84	13095
Unclassified food	0	0	0	0	24	68	76	1213	6974	220	94	0	8669
Unclassified scrap	0	0	24	324	818	4214	123	935	108	231	35	0	6812
Total finfish	2286	1662	1285	18038	40578	56906	44454	83091	50135	47336	13494	17025	376290
SHELLFISH													
Shrimp, brown	0	536	1272	10781	436379	1318996	646882	3059	6416	6129	4400	1765	2436614
Shrimp, brown & pink	0	0	0	0	4869	0	0	0	0	0	0	0	4869
Shrimp, white	2775	1140	28504	50101	105886	382500	12178	1333816	863886	518321	163106	25265	3487477
Total shrimp	2775	1676	29776	60881	547134	1701496	659060	1336875	870302	524450	167506	27030	5928961
Crab, blue	32825	29235	15836	99346	247398	343919	392627	248509	129743	156700	78767	26436	1801341
Crab, stone	1976	1392	1272	1132	284	968	360	420	1368	492	636	504	10804
Eastern oyster	119076	253753	322479	234979	124829	134647	128435	146740	106559	86348	507417	389973	2555235
Mantis shrimp	0	0	0	0	0	28	0	0	0	0	0	0	28
Squid, unclassified	2	100	59	266	578	1030	445	1009	2172	3577	117	94	9449
Total shellfish	156654	286156	369422	396604	920223	2182088	1180927	1733553	1110144	771567	754443	444037	10305818
Grand Total	158940	287818	370707	414642	960801	2238994	1225381	1816644	1160279	818903	767937	461062	10682108

Table D.4. Ex-vessel value (\$) of each species landed commercially from the Galveston Bay system during 1993.

Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
FINFISH													
Atlantic croaker	0	37	0	93	213	717	5	68	64	0	28	0	1223
Atlantic cutlassfish	0	0	0	0	0	0	20	11	0	0	0	0	31
Black drum	940	328	436	1342	900	1122	161	596	2794	745	352	698	10415
Flounder, unclassified	365	718	137	2007	1915	1316	1316	2688	2070	9515	5431	1252	28729
Gafftopsail catfish	0	0	110	701	101	60	28	116	59	43	5	0	1222
Herring, unclassified	0	0	0	12	28	75	88	136	1896	160	0	0	2394
Kingfish, unclassified	5	32	19	14	2	0	30	10	12	53	40	13	229
Mullet, unclassified	609	500	726	1172	2439	2417	2275	768	1773	4347	1337	648	19012
Others, unclassified	521	511	1073	9630	24054	46686	49523	86170	59248	45275	16758	18202	357650
Seatrout, sand	0	1	0	0	9	0	0	0	0	0	0	0	10
Sheepshead	416	196	51	318	617	211	175	117	319	1473	78	42	4014
Unclassified food	0	0	0	0	7	23	26	771	795	66	28	0	1716
Unclassified scrap	0	0	12	162	409	2965	62	468	71	231	18	0	4397
Total finfish	2856	2322	2564	15451	30693	55592	53708	91917	69101	61908	24075	20855	431042
SHELLFISH													
Shrimp, brown	0	492	1372	14298	302098	923026	457870	3828	8167	4527	2552	2056	1720286
Shrimp, brown & pink	0	0	0	0	4869	0	0	0	0	0	0	0	4869
Shrimp, white	1369	961	181732	87896	180202	502760	19035	1524028	1201031	693201	105277	15032	4512524
Total shrimp	1369	1453	183104	102194	487169	1425786	476905	1527856	1209198	697728	107829	17088	6237679
Crab, blue	22206	20128	10411	68375	151381	166582	168394	116689	68947	80786	41498	18227	933626
Crab, stone	1205	794	800	712	154	433	197	218	656	279	383	282	6114
Eastern oyster	194058	371933	472028	356746	196245	221073	214620	248507	173483	140346	795090	604616	3988742
Mantis shrimp	0	0	0	0	0	14	0	0	0	0	0	0	14
Squid, unclassified	2	73	30	264	361	574	217	564	1545	1307	73	37	5046
Total shellfish	218840	394380	666372	528291	835310	1814462	860334	1893834	1453829	920446	944874	640250	11171221
Grand Total	221696	396702	668937	543742	866003	1870054	914041	1985751	1522930	982354	968948	661105	11602263

Table D.5. Weight (lb) of each species landed commercially from the Matagorda Bay system during 1993.

Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
FINFISH													
Atlantic cutlassfish	0	0	0	0	0	0	8031	1939	0	0	0	0	9970
Black drum	1377	0	0	31	0	0	2	79	0	0	0	0	1489
Flounder, unclassified	0	950	155	997	1445	814	467	1258	145	2258	11095	5704	25288
Mullet, unclassified	0	0	15	0	0	1	4	54	52	0	9	0	135
Others, unclassified	0	0	0	639	1509	1008	873	1140	959	103	331	44	6606
Sheepshead	0	0	0	0	2	0	3	9	0	0	0	0	14
Unclassified scrap	0	0	0	0	250	0	50	0	0	0	0	0	300
Total finfish	1377	950	170	1667	3206	1823	9430	4479	1156	2361	11435	5748	43802
SHELLFISH													
Shrimp, brown	0	0	3632	22273	627085	1379461	466367	32409	5307	48432	10378	6999	2602343
Shrimp, white	0	60	0	8690	21302	4876	6858	1034874	394339	540820	26232	6999	2045050
Total shrimp	0	60	3632	30963	648387	1384337	473225	1067283	399645	589252	36610	13998	4647393
Crab, blue	27900	21104	24123	86708	170283	184040	104646	65280	464743	41086	33667	52700	1276280
Eastern oyster	47286	10256	1453	280	0	0	0	0	0	0	368	193	59836
Squid, unclassified	0	0	120	3	4	2	5	105	170	185	52	0	646
Total shellfish	75186	31420	29328	117954	818674	1568379	577876	1132668	864558	630523	70697	66891	5984155
Grand Total	76563	32370	29498	119621	821880	1570202	587306	1137147	865714	632884	82132	72639	6027957

Table D.6. Ex-vessel value (\$) of each species landed commercially from the Matagorda Bay system during 1993.

Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
FINFISH													
Atlantic cutlassfish	0	0	0	0	0	0	9155	2196	0	0	0	0	11352
Black drum	840	0	0	27	0	0	2	70	0	0	0	0	939
Flounder, unclassified	0	1093	255	1594	1877	936	763	2437	200	2597	12759	6560	31071
Mullet, unclassified	0	0	8	0	0	1	2	27	26	0	5	0	68
Others, unclassified	0	0	0	1410	2909	2208	1508	1853	1414	203	326	44	11876
Sheepshead	0	0	0	0	1	0	1	4	0	0	0	0	6
Unclassified scrap	0	0	0	0	125	0	25	0	0	0	0	0	150
Total finfish	840	1093	263	3031	4912	3145	11456	6587	1641	2800	13089	6604	55461
SHELLFISH													
Shrimp, brown	0	0	6085	39077	542053	1158475	458200	40419	3613	78038	7315	5249	2338524
Shrimp, white	0	75	0	23212	45655	14504	12488	1277853	594041	890854	22487	5250	2886419
Total shrimp	0	75	6085	62289	587708	1172979	470688	1318272	597654	968892	29802	10499	5224943
Crab, blue	18964	14381	17538	61807	107426	101456	49160	32624	232342	20525	16832	36890	709945
Eastern oyster	66833	14568	1660	320	0	0	0	0	0	0	630	264	84274
Squid, unclassified	0	0	60	2	2	1	3	103	136	189	51	0	545
Total shellfish	85797	29023	25343	124417	695136	1274436	519850	1350998	830132	989606	47315	47653	6019707
Grand Total	86637	30116	25606	127448	700048	1277581	531307	1357585	831773	992406	60404	54257	6075167

Table D.7. Weight (lb) of each species landed commercially from the East Matagorda Bay system during 1993.

Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
FINFISH													
Kingfish, unclassified	0	0	0	0	0	0	0	0	0	0	0	235	235
Mullet, unclassified	8	0	0	0	0	0	0	0	0	58	388	287	741
Others, unclassified	0	0	0	0	0	553	795	925	0	606	2123	1169	6171
Total finfish	8	0	0	0	0	553	795	925	0	664	2511	1691	7147
SHELLFISH													
Shrimp, white	0	0	0	0	0	0	0	0	0	0	672	0	672
Total shrimp	0	0	0	0	0	0	0	0	0	0	672	0	672
Crab, blue	0	0	0	0	0	0	0	0	0	0	0	35133	35133
Squid, unclassified	0	0	0	0	0	0	0	0	0	8	0	0	8
Total shellfish	0	0	0	0	0	0	0	0	0	8	672	35133	35813
Grand Total	8	0	0	0	0	553	795	925	0	672	3183	36824	42960

Table D.8. Ex-vessel value (\$) of each species landed commercially from the East Matagorda Bay system during 1993.

Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
FINFISH													
Kingfish, unclassified	0	0	0	0	0	0	0	0	0	0	0	94	94
Mullet, unclassified	32	0	0	0	0	0	0	0	0	97	1253	927	2310
Others, unclassified	0	0	0	0	0	496	398	463	0	212	7310	3415	12293
Total finfish	32	0	0	0	0	496	398	463	0	309	8563	4436	14697
SHELLFISH													
Shrimp, white	0	0	0	0	0	0	0	0	0	0	2238	0	2238
Total shrimp	0	0	0	0	0	0	0	0	0	0	2238	0	2238
Crab, blue	0	0	0	0	0	0	0	0	0	0	0	24593	24593
Squid, unclassified	0	0	0	0	0	0	0	0	0	4	0	0	4
Total shellfish	0	0	0	0	0	0	0	0	0	4	2238	24593	26835
Grand Total	32	0	0	0	0	496	398	463	0	313	10801	29029	41532

Table D.9. Weight (lb) of each species landed commercially from the San Antonio Bay system during 1993.

Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
FINFISH													
Atlantic croaker	0	0	108	13	0	51	0	0	0	0	0	0	172
Atlantic cutlassfish	0	50	0	16	0	16	0	0	0	0	0	0	82
Black drum	0	0	0	0	8	58	68	129	112	105	100	17	597
Flounder, unclassified	9	0	858	688	1462	1705	1760	1681	2192	2085	4971	617	18028
Herring, unclassified	0	0	0	0	0	0	0	0	10	0	0	0	10
Mullet, unclassified	0	0	0	0	0	0	25	25	16	0	0	0	66
Others, unclassified	0	0	257	480	0	1539	175	300	228	0	0	0	2979
Sheepshead	55	0	0	13	0	0	0	24	0	140	0	0	232
Total finfish	64	50	1223	1210	1470	3369	2028	2159	2558	2330	5071	634	22166
SHELLFISH													
Shrimp, brown	0	0	11840	85850	638437	510312	197668	0	0	0	0	0	1444107
Shrimp, white	0	0	0	51	2065	29	11244	231214	88022	187349	16929	0	536903
Total shrimp	0	0	11840	85901	640503	510341	208911	231214	88022	187349	16929	0	1981010
Crab, blue	45979	52592	132313	214019	21246	315238	287301	202796	149351	126704	92406	90326	1730271
Squid, unclassified	5	9	81	140	0	108	0	0	0	0	0	0	343
Total shellfish	45984	52601	144234	300060	661749	825687	496212	434010	237373	314053	109335	90326	3711624
Grand Total	46048	52651	145457	301270	663219	829056	498240	436169	239931	316383	114406	90960	3733790

Table D.10. Ex-vessel value (\$) of each species landed commercially from the San Antonio Bay system during 1993.

Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
FINFISH													
Atlantic croaker	0	0	62	51	0	201	0	0	0	0	0	0	314
Atlantic cutlassfish	0	19	0	6	0	6	0	0	0	0	0	0	31
Black drum	0	0	0	0	4	26	30	57	49	46	44	7	263
Flounder, unclassified	17	0	1334	1108	2104	2182	2253	2266	3041	2946	7206	790	25247
Herring, unclassified	0	0	0	0	0	0	0	0	8	0	0	0	8
Mullet, unclassified	0	0	0	0	0	0	31	31	12	0	0	0	75
Others, unclassified	0	0	779	1521	0	3576	219	375	285	0	0	0	6755
Sheepshead	25	0	0	6	0	0	0	11	0	62	0	0	103
Total finfish	41	19	2175	2692	2108	5992	2533	2740	3395	3054	7250	797	32795
SHELLFISH													
Shrimp, brown	0	0	16822	130984	544277	402320	166577	0	0	0	0	0	1260980
Shrimp, white	0	0	0	107	4240	95	7896	255082	132819	298076	18189	0	716504
Total shrimp	0	0	16822	131091	548517	402415	174473	255082	132819	298076	18189	0	1977484
Crab, blue	17936	18405	48215	74901	10894	110922	100869	71378	52273	44346	32580	31933	614652
Squid, unclassified	5	5	41	70	0	54	0	0	0	0	0	0	174
Total shellfish	17941	18409	65078	206062	559411	513391	275342	326460	185092	342422	50769	31933	2592310
Grand Total	17982	18428	67253	208753	561519	519383	277875	329200	188486	345476	58018	32731	2625105

Table D.11. Weight (lb) of each species landed commercially from the Aransas Bay system during 1993.

Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
FINFISH													
Black drum	962	4337	1045	1136	1430	809	445	1621	4638	4667	14418	20656	64894
Flounder, unclassified	1099	153	948	2188	4449	1571	2802	3918	5960	6255	5619	6376	41338
Gafftopsail catfish	11	0	0	0	0	0	0	0	0	0	0	0	11
Mullet, unclassified	45	19	26	10	1	2	98	54	0	45	0	0	300
Others, unclassified	2	0	2	276	211	603	1162	865	687	641	47	15	4511
Sheepshead	144	279	6235	599	12	19	78	114	262	248	222	556	8768
Total finfish	10993	4788	8256	4209	6103	3004	4585	6572	11547	11856	20306	27603	119822
SHELLFISH													
Shrimp, brown	0	0	8931	115749	878698	835849	402650	0	0	43019	8211	0	2293107
Shrimp, white	0	0	0	788	3115	1532	7817	392786	484461	545417	33811	0	1469728
Total shrimp	0	0	8931	116538	881813	837382	410467	392786	484461	588436	42022	0	3762835
Crab, blue	33207	28217	17837	60597	522430	125931	245716	264973	71847	68722	40931	7009	1487417
Crab, stone	160	104	172	0	184	0	8	1160	2472	1308	204	604	6376
Eastern oyster	0	0	0	0	0	0	0	0	0	0	1960	1768	3728
Squid, unclassified	0	0	635	0	561	492	0	339	1012	1362	155	410	4966
Total shellfish	33367	28321	27575	177135	1404988	963805	656191	659258	559792	659828	85272	9791	5265322
Grand Total	44360	33109	35831	181344	1411091	966809	660776	665830	571339	671684	105578	37394	5385144

Table D.12. Ex-vessel value (\$) of each species landed commercially from the Arkansas Bay system during 1993.

Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
FINFISH													
Black drum	5834	3049	1012	1090	1354	809	421	1514	4220	4544	9628	8476	41950
Flounder, unclassified	2019	286	2067	4529	9148	3184	5954	8331	11379	10689	7333	9198	74119
Gafftopsail catfish	8	0	0	0	0	0	0	0	0	0	0	0	8
Mullet, unclassified	90	77	105	40	4	8	339	218	0	181	0	0	1062
Others, unclassified	17	0	17	1044	783	1536	2600	2308	1755	1743	490	156	12447
Sheepshead	59	125	3005	313	6	9	38	57	121	182	95	297	4307
Total finfish	8028	3537	6205	7016	11295	5545	9351	12427	17475	17339	17546	18127	133892
SHELLFISH													
Shrimp, brown	0	0	9883	141194	719351	620890	349598	0	0	32847	6192	0	1879955
Shrimp, white	0	0	0	2205	9410	4919	16663	472278	725503	772305	47153	0	2050436
Total shrimp	0	0	9883	143399	728761	625809	366261	472278	725503	805152	53345	0	3930391
Crab, blue	21635	19587	13114	44313	209788	69581	104064	111497	34819	33520	20462	3995	686374
Crab, stone	130	94	129	0	116	0	6	1160	1854	981	129	453	5051
Eastern oyster	0	0	0	0	0	0	0	0	0	0	3436	3409	6845
Squid, unclassified	0	0	476	0	337	298	0	203	607	817	93	246	3077
Total shellfish	21765	19681	23602	187712	939001	695687	470331	585139	762783	840470	77465	8103	4631738
Grand Total	29793	23218	29807	194728	950296	701233	479682	597566	780258	857809	95011	26230	4765630

Table D.13. Weight (lb) of each species landed commercially from the Corpus Christi Bay system during 1993.

Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
FINFISH													
Atlantic cutlassfish	0	0	0	0	0	2521	137	8783	238	3	0	0	11682
Black drum	21527	6707	16388	12052	18170	27316	20333	33546	26551	29522	24617	45384	282113
Eel, unclassified snake	0	0	0	1	0	0	0	0	0	0	0	0	1
Flounder, unclassified	2508	4229	4850	3779	2120	2216	4407	5403	5476	5200	7172	4801	52161
Greater amberjack	1055	0	0	0	0	0	0	0	0	0	0	0	1055
Mullet, unclassified	0	7	0	0	0	5	0	25	57	17	0	0	111
Others, unclassified	108	2780	0	6172	3284	1551	1333	1229	892	1399	426	120	19294
Sheepshead	3212	2241	2693	237	169	74	45	170	143	791	1443	1790	13008
Unclassified scrap	0	0	0	0	0	0	0	1	9	0	0	0	10
Total finfish	28410	15964	23931	22241	23743	33683	26255	49157	33366	36932	33658	52095	379435
SHELLFISH													
Shrimp, brown	2442	12572	63931	136678	444175	602340	256702	0	0	4426	2790	0	1526056
Shrimp, white	0	100	0	4655	3676	8622	15817	156994	179327	226166	72411	7725	675493
Total shrimp	2442	12673	63931	141333	447851	610962	272519	156994	179327	230592	75201	7725	2201549
Crab, blue	79589	55066	111801	212417	101823	90704	95162	76363	57599	61387	28063	1694	971668
Crab, stone	80	68	60	308	24	0	0	268	32	320	164	0	1324
Squid, unclassified	10	0	75	40	54	14	92	87	53	9	23	5	462
Total shellfish	82121	67807	175867	354098	549752	701680	367773	233712	237011	292308	103451	9424	3175003
Grand Total	110531	83771	199798	376339	573495	735363	394028	282869	270377	329240	137109	61519	3554438

Table D.14. Ex-vessel value (\$) of each species landed commercially from the Corpus Christi Bay system during 1993.

Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
FINFISH													
Atlantic cutlassfish	0	0	0	0	0	2395	116	8908	181	3	0	0	11604
Black drum	15320	5491	16007	12967	19866	30831	24147	38036	28138	26756	12577	20149	250286
Eel, unclassified snake	0	0	0	1	0	0	0	0	0	0	0	0	1
Flounder, unclassified	4132	7735	9613	7562	4437	4614	9415	11736	10836	8510	9455	6301	94345
Greater amberjack	1540	0	0	0	0	0	0	0	0	0	0	0	1540
Mullet, unclassified	0	15	0	0	0	12	0	61	138	41	0	0	266
Others, unclassified	360	2224	0	14254	7293	3442	2468	2571	2135	3046	1270	320	39383
Sheepshead	1526	1079	1161	135	92	36	25	92	74	299	505	676	5699
Unclassified scrap	0	0	0	0	0	0	0	2	12	0	0	0	14
Total finfish	22878	16543	26781	34918	31688	41330	36171	61406	41515	38657	23807	27446	403138
SHELLFISH													
Shrimp, brown	4006	18853	108380	216550	421479	513517	234132	0	0	3480	2296	0	1522693
Shrimp, white	0	225	0	12727	11684	21689	25407	175728	254878	353625	111376	11446	978785
Total shrimp	4006	19078	108380	229277	433163	535206	259539	175728	254878	357105	113672	11446	2501478
Crab, blue	42872	24248	75781	143959	66265	51503	47391	37451	28892	30980	14181	966	564486
Crab, stone	60	51	45	231	21	0	0	236	24	240	123	0	1031
Squid, unclassified	10	0	75	44	54	13	87	87	58	9	23	5	464
Total shellfish	46948	43377	184281	373511	499503	586721	307016	213502	283852	388334	127999	12417	3067459
Grand Total	69825	59919	211062	408429	531191	628051	343187	274908	325366	426990	151806	39862	3470598

Table D.15. Weight (lb) of each species landed commercially from the Upper Laguna Madre Bay system during 1993.

Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
FINFISH													
Black drum	23848	22754	14861	6482	4484	3050	2796	4403	20749	57462	30224	39121	230234
Flounder, unclassified	0	0	165	0	145	22	61	223	50	89	157	0	912
Mullet, unclassified	0	0	0	0	36	0	52	0	0	0	0	0	88
Others, unclassified	0	0	65	94	130	3767	1461	1983	2448	4354	792	57	15151
Total finfish	23848	22754	15091	6576	4795	6839	4370	6609	23247	61905	31173	39178	246385
SHELLFISH													
Shrimp, brown	0	0	1876	14965	26324	19045	9045	0	0	2755	216	0	74224
Shrimp, brown & pink	0	0	0	0	0	8012	0	0	0	0	0	0	8012
Shrimp, other	0	0	0	0	194	0	0	0	0	0	0	0	194
Shrimp, white	0	0	0	0	0	0	0	1785	1491	2532	1428	0	7235
Total shrimp	0	0	1876	14965	26518	27057	9045	1785	1491	5286	1643	0	89665
Crab, blue	4983	3811	24605	5299	10486	0	0	0	0	8916	1982	3074	63156
Crab, stone	0	0	0	0	0	0	0	0	36	0	0	0	36
Squid, unclassified	0	0	32	0	0	0	0	0	25	0	0	0	57
Total shellfish	4983	3811	26513	20264	37004	27057	9045	1785	1552	14202	3625	3074	152914
Grand Total	28831	26565	41604	26840	41799	33896	13415	8394	24799	76107	34798	42252	399299

Table D.16. Ex-vessel value (\$) of each species landed commercially from the Upper Laguna Madre Bay system during 1993.

Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
FINFISH													
Black drum	17121	18652	14910	6898	5112	3407	3439	5416	22988	38917	13622	19657	170139
Flounder, unclassified	0	0	302	0	276	40	121	459	93	163	187	0	1641
Mullet, unclassified	0	0	0	0	76	0	109	0	0	0	0	0	185
Others, unclassified	0	0	49	71	98	5554	2048	4026	4284	7778	1782	116	25804
Total finfish	17121	18652	15261	6969	5561	9001	5717	9900	27365	46858	15591	19772	197768
SHELLFISH													
Shrimp, brown	0	0	3375	25439	27290	21605	10556	0	0	3310	247	0	91822
Shrimp, brown & pink	0	0	0	0	0	10416	0	0	0	0	0	0	10416
Shrimp, other	0	0	0	0	252	0	0	0	0	0	0	0	252
Shrimp, white	0	0	0	0	0	0	0	2053	1322	5338	3713	0	12426
Total shrimp	0	0	3375	25439	27542	32021	10556	2053	1322	8648	3960	0	114916
Crab, blue	3103	2515	19195	3497	6178	0	0	0	0	4101	991	1752	41333
Crab, stone	0	0	0	0	0	0	0	0	28	0	0	0	28
Squid, unclassified	0	0	32	0	0	0	0	0	25	0	0	0	57
Total shellfish	3103	2515	22602	28936	33720	32021	10556	2053	1375	12749	4951	1752	156334
Grand Total	20223	21167	37863	35905	39281	41022	16273	11953	28741	59607	20542	21524	354102

Table D.17. Weight (lb) of each species landed commercially from the Lower Laguna Madre Bay system during 1993.

Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
FINFISH													
Atlantic croaker	0	0	0	0	0	0	0	0	0	19	0	0	19
Atlantic cutlassfish	0	0	0	0	306	1056	1056	1267	264	98	0	0	4047
Black drum	36640	14022	8355	3706	20008	18070	15463	11601	22350	18372	35141	32335	236063
Flounder, unclassified	236	15	479	486	2554	1240	2523	4604	4035	3711	4406	3482	27771
Gafftopsail catfish	0	220	0	0	0	0	0	0	0	0	0	0	220
Gar, alligator	0	0	0	0	0	0	0	1745	0	0	0	0	1745
Mullet, unclassified	335	212	293	253	0	0	248	665	393	626	321	356	3702
Others, unclassified	2066	0	105	13685	5660	8128	8020	3334	4595	4134	3625	2800	56152
Seatrout, sand	0	0	0	29	0	0	0	0	0	0	0	0	29
Sheepshead	60	18	8	0	2	2	15	146	99	30	82	16	478
Unclassified scrap	0	0	0	0	0	0	0	0	0	215	0	0	215
Total finfish	39337	14487	9240	18159	28530	28496	27325	23362	31736	27205	43575	38989	330441
SHELLFISH													
Shrimp, other	0	0	0	75	0	0	0	0	0	0	0	0	75
Shrimp, rock	0	0	0	0	0	0	0	0	0	0	0	265	265
Total shrimp	0	0	0	75	0	0	0	0	0	0	0	265	340
Crab, blue	0	0	0	0	0	0	8	319	0	0	0	0	327
Mantis shrimp	285	0	0	0	0	0	0	0	0	0	189	414	888
Squid, unclassified	0	0	0	20	0	60	25	0	0	0	0	28	133
Total shellfish	285	0	0	95	0	60	33	319	0	0	189	707	1688
Grand Total	39622	14487	9240	18254	28530	28556	27358	23681	31736	27205	43764	39696	332129

Table D.18. Ex-vessel value (\$) of each species landed commercially from the Lower Laguna Madre Bay system during 1993.

Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
FINFISH													
Atlantic croaker	0	0	0	0	0	0	0	0	0	13	0	0	13
Atlantic cutlassfish	0	0	0	0	233	803	803	963	201	74	0	0	3076
Black drum	23788	8008	5849	3611	16275	17295	15766	11145	22066	12105	14823	14838	165567
Flounder, unclassified	218	20	691	860	4628	2241	4802	8904	7000	5475	4062	3596	42495
Gafftopsail catfish	0	147	0	0	0	0	0	0	0	0	0	0	147
Gar, alligator	0	0	0	0	0	0	0	1745	0	0	0	0	1745
Mullet, unclassified	335	212	293	253	0	0	248	665	393	626	321	356	3702
Others, unclassified	899	0	46	30143	12363	21243	22262	11357	10521	12243	10641	8794	140512
Seatrout, sand	0	0	0	8	0	0	0	0	0	0	0	0	8
Sheepshead	16	5	2	0	1	1	7	64	60	13	36	5	210
Unclassified scrap	0	0	0	0	0	0	0	0	0	108	0	0	108
Total finfish	25255	8392	6880	34874	33499	41583	43887	34843	40240	30657	29882	27588	357581
SHELLFISH													
Shrimp, other	0	0	0	200	0	0	0	0	0	0	0	0	200
Shrimp, rock	0	0	0	0	0	0	0	0	0	0	0	199	199
Total shrimp	0	0	0	200	0	0	0	0	0	0	0	199	399
Crab, blue	0	0	0	0	0	0	5	207	0	0	0	0	212
Mantis shrimp	285	0	0	0	0	0	0	0	0	0	189	311	785
Squid, unclassified	0	0	0	20	0	60	13	0	0	0	0	28	121
Total shellfish	285	0	0	220	0	60	17	207	0	0	189	537	1516
Grand Total	25540	8392	6880	35094	33499	41643	43905	35051	40240	30657	30071	28125	359098

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 1993.

Table E.1. Weight (lb) of each species, except shrimp, landed commercially from Gulf of Mexico grid zone 17.0 during 1993.

Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
FINFISH													
Black drum	0	15	0	0	51	15	15	0	0	0	0	0	96
Flounder, unclassified	142	146	199	502	161	208	0	58	13	86	20	70	1605
Greater amberjack	0	0	1071	274	112	0	0	0	0	0	0	0	1457
Kingfish, unclassified	114	355	35	0	0	0	0	0	0	0	0	0	504
Mullet, unclassified	0	0	556	0	0	0	307	1678	239	521	0	0	3301
Others, unclassified	0	0	0	0	0	0	0	0	400	0	400	0	800
Sheepshead	0	0	0	15	5	15	30	0	30	20	0	25	140
Snapper, red	0	7141	23694	10386	3001	0	0	0	0	0	0	0	44222
Snapper, vermilion	0	0	0	31	0	0	0	0	0	0	0	0	31
Tilefish	0	0	0	0	0	4691	0	0	0	0	0	0	4691
Triggerfish, gray	0	0	0	174	0	0	0	0	0	0	0	0	174
Wahoo	88	0	0	0	180	0	0	0	0	0	0	0	268
Total finfish	344	7657	25555	11382	3510	4929	352	1736	682	627	420	95	57289
SHELLFISH													
Crab, blue	0	0	0	120	0	0	0	0	457	1534	0	0	2111
Squid, unclassified	0	0	0	0	0	16	17	10	0	5	0	0	48
Total shellfish	0	0	0	120	0	16	17	10	457	1539	0	0	2159
Grand Total	344	7657	25555	11502	3510	4945	369	1746	1139	2166	420	95	59448

Table E.2. Ex-vessel (\$) value of each species, except shrimp, landed commercially from Gulf of Mexico grid zone 17.0 during 1993.

Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
FINFISH													
Black drum	0	5	0	0	15	5	5	0	0	0	0	0	29
Flounder, unclassified	131	171	176	324	102	189	0	57	18	115	20	66	1370
Greater amberjack	0	0	568	526	65	0	0	0	0	0	0	0	1159
Kingfish, unclassified	100	92	9	0	0	0	0	0	0	0	0	0	201
Mullet, unclassified	0	0	145	0	0	0	80	436	62	203	0	0	926
Others, unclassified	0	0	0	0	0	0	0	0	500	0	500	0	1000
Sheepshead	0	0	0	0	2	5	8	0	9	5	0	8	40
Snapper, red	0	12348	40626	17763	5632	0	0	0	0	0	0	0	76369
Snapper, vermilion	0	0	0	28	0	0	0	0	0	0	0	0	28
Tilefish	0	0	0	0	0	2721	0	0	0	0	0	0	2721
Triggerfish, gray	0	0	0	125	0	0	0	0	0	0	0	0	125
Wahoo	79	0	0	0	162	0	0	0	0	0	0	0	241
Total finfish	310	12616	41523	18771	5978	2918	92	494	589	323	520	74	84208
SHELLFISH													
Crab, blue	0	0	0	106	0	0	0	0	229	829	0	0	1163
Squid, unclassified	0	0	0	0	0	20	21	13	0	6	0	0	60
Total shellfish	0	0	0	106	0	20	21	13	229	835	0	0	1223
Grand Total	310	12616	41523	18877	5978	2938	113	506	818	1158	520	74	85431

Table E.3. Weight (lb) of each species, except shrimp, landed commercially from Gulf of Mexico grid zone 18.0 during 1993.

Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
FINFISH													
Atlantic croaker	0	0	0	0	0	9	0	0	0	0	27	0	36
Atlantic cutlassfish	0	0	0	0	0	0	0	15	0	0	0	0	15
Atlantic spdefish	0	0	0	0	354	0	0	0	0	0	0	0	354
Blue runner	0	0	3065	2625	1109	486	244	564	621	2502	2191	6797	20204
Cobia	237	265	197	483	1326	323	456	1816	493	2958	513	40	9107
Dolphin	59	48	0	0	56	74	1403	531	218	11	110	170	2680
Florida pompano	0	9	55	0	0	0	0	43	25	19	0	0	151
Flounder, unclassified	279	2	502	325	68	0	8	197	224	539	3191	125	5460
Gafftopsail catfish	0	0	0	323	0	0	0	0	0	0	0	0	323
Great barracuda	0	0	0	0	354	295	278	623	1226	1321	0	257	4354
Greater amberjack	17924	32440	4101	11314	10965	3841	7342	18520	26263	12251	3269	4291	152521
Grouper, black	0	0	0	0	0	0	0	0	481	0	0	0	481
Grouper, scamp	0	0	0	0	0	0	0	0	469	1326	143	343	2281
Grouper, unclassified	12938	5808	5283	4314	2404	5663	4971	11122	12827	3224	4778	995	74327
Grouper, warsaw	0	0	0	0	0	0	1978	0	1901	1613	137	268	5897
Grouper, yellowedge	0	0	0	0	0	0	0	0	2465	6730	3103	1679	13977
Grouper, yellowfin	0	0	0	0	0	40	0	0	0	76	0	67	143
Herring, unclassified	0	0	0	0	0	0	0	0	0	0	0	0	40
Kingfish, unclassified	0	7	82	5	0	0	438	348	174	4	0	0	1058
Mackerel, king	0	0	0	0	0	0	29799	38767	22641	0	0	0	91207
Mullet, unclassified	0	0	0	7247	0	0	0	8924	264	44	0	0	16479
Others, unclassified	0	0	0	12	18	0	0	0	0	0	0	0	30
Porgy, unclassified	0	0	1	0	45	44	0	0	0	96	35	0	221
Seatrou, sand	0	0	1	0	0	0	1	0	0	0	0	0	2
Shark, unclassified	329	902	65	0	324	0	4762	174	0	102	0	0	6658
Sheepshead	0	0	20	0	0	26	0	0	0	0	0	0	46
Snapper, lane	0	0	0	0	0	0	0	0	0	0	0	424	1087
Snapper, red	2048	86935	209198	80887	79941	25	0	0	1433	0	0	0	460467
Snapper, silk	0	0	0	0	0	0	0	0	166	0	0	0	166
Snapper, unclassified	564	15241	24677	400	5564	9714	11189	11550	10245	11857	11575	6176	118752
Snapper, vermilion	60022	22848	28413	18158	13914	3212	12225	6943	7516	16119	13171	34263	236804
Swordfish	0	0	39	0	83	705	807	0	512	0	0	0	2146
Tilefish	739	1063	2813	1631	1758	562	1273	2659	872	815	613	805	15603
Triggerfish, gray	105	653	1536	967	1518	274	161	295	98	210	70	68	5955
Tuna, blackfin	279	0	0	0	22	59	298	192	0	384	293	14	1541
Tuna, unclassified	0	0	513	0	0	86	0	0	0	0	0	352	951
Tuna, yellowfin	17046	646	0	0	4983	15052	25498	615	3443	2804	1710	1604	73401
Unclassified food	1073	473	426	256	588	534	869	475	1170	799	1173	170	8006
Unclassified scrap	0	0	0	0	0	0	57	0	0	0	0	0	57
Wahoo	192	18	0	0	61	155	1016	0	856	358	0	10	2666
Total finfish	113834	167358	280987	128947	125455	41179	105073	104373	96603	66162	46765	58918	1335654

Table E.3. (Continued).

Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
SHELLFISH													
Crab, blue	0	0	32	0	0	0	2	0	0	0	0	0	34
Eastern oyster	0	0	0	0	0	0	0	0	0	0	25795	11725	37520
Squid, unclassified	0	0	20	99	0	335	0	101	97	153	0	0	805
Total shellfish	0	0	52	99	0	335	2	101	97	153	25795	11725	38359
Grand Total	113834	167358	281039	129046	125455	41514	105075	104474	96700	66315	72560	70643	1374013

Table E.4. (Continued).

Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
SHELLFISH													
Crab, blue	0	0	16	0	0	0	1	0	0	0	0	0	17
Eastern oyster	0	0	0	0	0	0	0	0	0	0	45679	20763	66443
Squid, unclassified	0	0	14	69	0	168	0	71	68	107	0	0	496
Total shellfish	0	0	30	69	0	168	1	71	68	107	45679	20763	66956
Grand Total	182100	256546	488220	240616	230614	62844	121728	96240	104067	96025	120988	102686	2102673

Table E.5. Weight (lb) of each species, except shrimp, landed commercially from Gulf of Mexico grid zone 19.0 during 1993.

Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
FINFISH													
Black drum	0	0	17	72	0	0	0	0	0	0	0	0	89
Cobia	0	0	0	28	71	0	44	0	0	0	0	0	143
Flounder, unclassified	727	279	800	0	211	335	618	1045	647	512	6703	315	12192
Greater amberjack	154	32	245	290	167	84	1046	338	416	536	0	0	3308
Grouper, scamp	0	516	222	721	432	1445	8	0	0	1625	0	0	4969
Grouper, unclassified	0	1113	162	181	76	0	0	0	0	0	0	0	1532
Grouper, warsaw	203	275	256	326	144	953	1680	722	380	441	0	0	5380
Grouper, yellowedge	134	197	0	21	241	756	2600	969	1200	0	0	0	6118
Herring, unclassified	0	0	0	0	73	0	0	0	0	0	0	0	73
Kingfish, unclassified	0	43	47	0	141	0	546	688	69	320	480	0	2334
Mullet, unclassified	0	0	0	0	0	0	0	12	499	0	0	0	511
Others, unclassified	0	0	0	0	0	0	0	0	1024	0	0	0	1024
Sheepshead	0	0	0	123	0	0	0	0	0	0	408	0	531
Snapper, red	0	38026	72170	55518	22865	0	0	0	0	0	0	0	188579
Snapper, unclassified	0	627	63	259	99	0	0	0	0	0	0	0	1048
Snapper, vermilion	470	1119	4301	3909	1169	2549	10155	2338	2178	3227	0	0	31415
Tilefish	0	454	0	0	0	0	0	0	0	0	0	0	454
Triggerfish, gray	0	0	0	506	124	20	0	0	0	0	0	0	650
Tuna, unclassified	0	0	0	0	327	0	0	0	0	0	0	0	327
Unclassified food	0	0	0	44	0	0	0	0	0	0	0	0	44
Unclassified scrap	0	0	0	0	0	0	0	0	199	0	0	0	199
Total finfish	1688	42681	78283	61998	26140	6142	16697	6112	6612	6661	7591	315	260920
SHELLFISH													
Crab, blue	0	0	0	0	400	0	0	0	0	0	0	0	400
Crab, stone	0	116	60	0	0	104	216	284	588	88	0	0	1456
Squid, unclassified	69	0	8	0	0	0	0	200	0	0	0	0	277
Total shellfish	69	116	68	0	400	104	216	484	588	88	0	0	2133
Grand Total	1757	42797	78351	61998	26540	6246	16913	6596	7200	6749	7591	315	263053

Table E.6. Ex-vessel (\$) value of each species, except shrimp, landed commercially from Gulf of Mexico grid zone 19.0 during 1993.

Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
FINFISH													
Black drum	0	0	11	65	0	0	0	0	0	0	0	0	76
Cobia	0	0	0	22	68	0	32	0	0	0	0	0	121
Flounder, unclassified	1006	405	1061	0	308	509	942	1460	1074	683	8747	425	16619
Greater amberjack	139	31	215	400	160	84	1004	338	458	590	0	0	3418
Grouper, scamp	0	986	413	1360	825	3251	14	0	0	3738	0	0	10586
Grouper, unclassified	0	1414	206	223	97	0	0	0	0	0	0	0	1938
Grouper, warsaw	365	421	392	551	243	1906	2705	1444	798	926	0	0	9751
Grouper, yellowedge	302	376	0	40	460	1701	4966	2229	2760	0	0	0	12834
Herring, unclassified	0	0	0	0	37	0	0	0	0	0	0	0	37
Kingfish, unclassified	0	17	19	0	56	0	228	275	28	128	192	0	943
Mullet, unclassified	0	0	0	0	0	0	0	6	250	0	0	0	256
Others, unclassified	0	0	0	0	0	0	0	0	1280	0	0	0	1280
Sheepshead	0	0	0	55	0	0	0	0	0	0	196	0	251
Snapper, red	0	66962	127836	106312	53303	0	0	0	0	0	0	0	354413
Snapper, unclassified	0	846	85	350	134	0	0	0	0	0	0	0	1415
Snapper, vermilion	1058	2171	7742	6684	2841	3824	20107	5261	4508	7261	0	0	61455
Tilefish	0	854	0	0	0	0	0	0	0	0	0	0	854
Triggerfish, gray	0	0	0	486	62	10	0	0	0	0	0	0	557
Tuna, unclassified	0	0	0	0	294	0	0	0	0	0	0	0	294
Unclassified food	0	0	0	44	0	0	0	0	0	0	0	0	44
Unclassified scrap	0	0	0	0	0	0	0	0	50	0	0	0	50
Total finfish	2869	74482	137979	116591	58887	11284	29997	11013	11205	13325	9135	425	477192
SHELLFISH													
Crab, blue	0	0	0	0	140	0	0	0	0	0	0	0	140
Crab, stone	0	73	38	0	0	66	136	179	370	55	0	0	917
Squid, unclassified	52	0	3	0	0	0	0	85	0	0	0	0	139
Total shellfish	52	73	41	0	140	66	136	263	370	55	0	0	1197
Grand Total	2921	74555	138020	116591	59027	11350	30133	11276	11576	13380	9135	425	478389

Table E.7. Weight (lb) of each species, except shrimp, landed commercially from Gulf of Mexico grid zone 20.0 during 1993.

Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
FINFISH													
Atlantic cutlassfish	0	0	5	0	0	0	0	3765	502	0	0	0	4272
Atlantic spadefish	0	0	0	0	1104	47	63	189	161	0	0	0	1564
Black drum	0	0	0	0	0	0	0	32	0	0	0	0	32
Bluefish	0	0	0	0	0	0	0	0	0	0	0	35	35
Cobia	44	0	0	0	177	42	30	85	46	0	50	33	507
Dolphin	0	0	0	0	0	0	106	112	13	0	0	0	231
Florida pompano	0	0	0	0	0	0	0	0	0	16	3	0	19
Flounder, unclassified	0	0	0	0	0	0	0	0	0	0	4509	0	4509
Great barracuda	0	0	0	0	0	0	0	46	68	190	0	10	314
Greater amberjack	252	186	992	587	659	129	3992	3224	2614	270	145	308	13358
Grouper, black	0	0	0	0	31	0	0	0	0	0	0	0	31
Grouper, scamp	0	0	24	0	0	0	0	0	0	0	0	0	24
Grouper, unclassified	116	419	336	880	314	0	317	31	210	273	109	84	3089
Grouper, warsaw	3575	1733	682	421	841	3774	910	951	1251	0	974	1912	17024
Grouper, yellowedge	2537	4826	7882	2453	1915	2959	2011	7984	4405	0	1514	6516	45002
Mackerel, king	0	0	0	0	0	0	127	362	50	0	0	0	539
Mullet, unclassified	3	7	10	0	0	0	0	246	969	147	200	396	1978
Others, unclassified	0	0	0	0	0	0	0	0	0	0	0	29	29
Shark, Atlantic sharpnose	0	0	0	0	0	0	0	136	93	264	126	58	677
Shark, blacktip	0	1283	0	0	0	0	0	0	0	0	0	0	1283
Shark, shortfin mako	0	776	0	0	0	0	0	0	0	0	0	0	776
Shark, unclassified	1212	2820	1541	1269	427	696	535	63	0	0	0	0	8563
Sheepshead	0	0	38	0	130	0	0	0	0	0	49	0	217
Snapper, red	6870	11266	23175	32486	29168	975	1330	2297	1453	2646	3639	4716	120021
Snapper, unclassified	202	231	53	90	149	0	0	0	0	16	0	0	741
Snapper, vermillion	0	0	44	186	114	1158	0	32	32	0	0	892	2458
Swordfish	0	0	566	0	0	0	0	0	0	0	0	0	566
Tilefish	192	248	0	0	0	0	74	0	254	164	925	59	1916
Triggerfish, gray	0	0	0	21	85	0	14	0	0	0	0	0	120
Tuna, blackfin	2054	374	2365	16	230	0	53	85	127	189	15	0	5508
Tuna, yellowfin	48	0	360	0	0	0	0	0	0	94	0	0	502
Unclassified food	0	0	0	0	0	0	35	0	947	1824	0	885	3691
Wahoo	0	0	186	0	0	0	0	61	0	0	0	0	247
Total finfish	17105	24169	38259	38409	35344	9780	9597	19701	13195	6093	12258	15933	239843
SHELLFISH													
Squid, unclassified	0	7	118	46	0	0	0	0	0	0	0	801	972
Total shellfish	0	7	118	46	0	0	0	0	0	0	0	801	972
Grand Total	17105	24176	38377	38455	35344	9780	9597	19701	13195	6093	12258	16734	240815

Table E.8. Ex-vessel (\$) value of each species, except shrimp, landed commercially from Gulf of Mexico grid zone 20.0 during 1993.

Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
FINFISH													
Atlantic cutlassfish	0	0	3	0	0	0	0	2146	331	0	0	0	2480
Atlantic spadefish	0	0	0	0	1104	38	63	189	161	0	0	0	1555
Black drum	0	0	0	0	0	0	0	39	0	0	0	0	39
Bluefish	0	0	0	0	0	0	0	0	0	0	0	35	35
Cobia	63	0	0	0	320	32	60	170	92	0	60	40	838
Dolphin	0	0	0	0	0	0	195	196	33	0	0	0	423
Florida pompano	0	0	0	0	0	0	0	0	0	16	9	0	25
Flounder, unclassified	0	0	0	0	0	0	0	0	0	0	5862	0	5862
Great barracuda	0	0	0	0	0	0	0	69	68	190	0	15	342
Greater amberjack	343	251	1112	799	901	124	5734	4814	3660	365	218	477	18797
Grouper, black	0	0	0	0	55	0	0	0	0	0	0	0	55
Grouper, scamp	0	0	34	0	0	0	0	0	0	0	0	0	34
Grouper, unclassified	179	632	451	1466	509	0	527	60	294	519	191	155	4983
Grouper, warsaw	4569	2201	928	573	1177	4151	1215	1357	1639	0	1032	2753	21595
Grouper, yellowedge	4617	7770	13320	4366	3658	4764	3318	11816	6519	0	2241	12446	74835
Mackerel, king	0	0	0	0	0	0	182	380	62	0	0	0	623
Mullet, unclassified	7	17	24	0	0	0	0	68	1122	309	420	384	2352
Others, unclassified	0	0	0	0	0	0	0	68	116	145	76	35	29
Shark, Atlantic sharpnose	0	0	0	0	0	0	0	0	0	0	0	0	440
Shark, blacktip	0	552	0	0	0	0	0	0	0	0	0	0	552
Shark, shortfin mako	0	1676	0	0	0	0	0	0	0	0	0	0	1676
Shark, unclassified	422	766	447	384	139	206	199	23	0	0	0	0	2585
Sheepshead	0	0	17	0	46	0	0	0	0	0	24	0	86
Snapper, red	16571	21433	41208	65527	60796	2350	3091	5334	3395	6805	9643	12639	248792
Snapper, unclassified	323	416	85	127	205	0	0	0	0	29	0	0	1185
Snapper, vermilion	0	0	59	251	108	2084	0	59	59	0	0	1794	4416
Swordfish	0	0	1324	0	0	0	0	0	0	0	0	0	1324
Tilefish	223	278	0	0	0	0	64	0	381	246	740	89	2020
Triggerfish, gray	0	0	0	20	41	0	11	0	0	0	0	0	72
Tuna, blackfin	1886	209	1514	13	227	0	73	85	152	180	15	0	4354
Tuna, yellowfin	96	0	792	0	0	0	0	0	0	244	0	0	1132
Unclassified food	0	0	0	0	0	0	53	0	1326	2554	0	1328	5259
Wahoo	0	0	294	0	0	0	0	122	0	0	0	0	416
Total finfish	29299	36200	61612	73526	69286	13749	14783	26997	19411	11601	20530	32218	409211
SHELLFISH													
Squid, unclassified	0	7	118	41	0	0	0	0	0	0	0	200	367
Total shellfish	0	7	118	41	0	0	0	0	0	0	0	200	367
Grand Total	29299	36207	61730	73567	69286	13749	14783	26997	19411	11601	20530	32419	409578

Table E.9. Weight (lb) of each species, except shrimp, landed commercially from Gulf of Mexico grid zone 21.0 during 1993.

Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
FINFISH													
Black drum	0	4933	4677	0	0	0	0	3989	0	0	0	0	13599
Cobia	32	0	24	0	164	0	0	0	0	29	0	0	249
Dolphin	248	236	149	165	53	167	990	1710	797	391	68	876	5850
Florida pompano	0	0	16	0	0	0	0	0	0	0	0	0	16
Flounder, unclassified	0	218	395	0	0	0	0	0	0	0	0	0	613
Greater amberjack	396	718	1784	752	264	68	461	926	2363	1763	3323	1829	14647
Grouper, black	0	0	0	0	0	349	0	0	0	0	0	0	349
Grouper, scamp	196	0	361	44	94	0	0	15	162	392	65	31	1360
Grouper, unclassified	308	195	1151	379	251	112	83	1239	845	925	780	463	6731
Grouper, warsaw	0	414	845	336	190	1193	684	1970	1250	935	924	180	8921
Grouper, yellowfin	0	0	0	0	0	0	0	0	0	0	61	89	150
Mullet, unclassified	48	0	0	0	0	0	520	759	453	426	242	155	3942
Others, unclassified	0	0	0	480	435	472	0	0	0	0	0	0	48
Porgy, unclassified	0	3	0	0	0	15	0	0	0	0	0	0	18
Seatrout, sand	1	0	0	0	0	0	0	0	0	0	0	0	1
Shark, shortfin mako	236	100	160	33	286	0	0	548	706	0	577	0	2646
Shark, unclassified	0	0	505	970	869	0	0	0	16	104	0	0	2464
Snapper, red	2447	43765	85905	47120	40738	495	633	3554	5800	2684	6760	4509	244410
Snapper, unclassified	0	0	20	29	64	7	3	135	16	57	10	6	347
Snapper, vermilion	1049	645	4273	2063	1321	533	1109	4410	5295	10037	5760	700	37195
Swordfish	18591	12195	2697	17304	1619	332	463	3768	4022	4338	12531	3787	81647
Tilefish	0	0	0	0	0	8748	0	0	2292	4835	0	0	15875
Triggerfish, gray	460	703	570	50	727	58	41	830	596	31	212	133	4411
Tuna, blackfin	0	10165	0	575	0	0	173	582	319	1219	5726	35937	54696
Tuna, bluefin	1318	0	0	0	0	0	0	0	0	0	0	45	1363
Tuna, unclassified	21842	0	3484	14893	0	15401	0	13876	0	0	0	0	69496
Tuna, yellowfin	0	5069	0	0	1937	0	23712	0	12691	6822	0	53	50284
Unclassified food	1633	923	122	761	0	149	0	30	373	13	725	901	5630
Unclassified scrap	0	0	0	0	0	0	0	21	17	41	45	0	124
Wahoo	22	164	53	44	229	1025	0	0	0	0	0	0	1537
Total finfish	48827	80446	107191	85998	49241	29124	28872	38362	38013	35042	37809	49694	628619
SHELLFISH													
Mantis shrimp	171	0	0	0	0	0	0	0	0	0	0	0	171
Squid, unclassified	572	549	0	163	0	0	44	0	0	318	0	0	1646
Total shellfish	743	549	0	163	0	0	44	0	0	318	0	0	1817
Grand Total	49570	80995	107191	86161	49241	29124	28916	38362	38013	35360	37809	49694	630436

Table E.10. Ex-vessel (\$) value of each species, except shrimp, landed commercially from Gulf of Mexico grid zone 21.0 during 1993.

Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
FINFISH													
Black drum	0	3009	4677	0	0	0	0	3829	0	0	0	0	11516
Cobia	31	0	17	0	157	0	0	0	0	35	0	0	240
Dolphin	206	170	118	149	38	174	428	1777	825	407	71	911	5272
Florida pompano	0	0	14	0	0	0	0	0	0	0	0	0	14
Flounder, unclassified	0	344	660	0	0	0	0	0	0	0	0	0	1004
Greater amberjack	360	632	2292	803	244	65	553	968	2460	1869	3988	2195	16428
Grouper, black	0	0	0	0	0	475	0	0	0	0	0	0	475
Grouper, scamp	249	0	596	69	119	0	0	20	240	564	94	45	1996
Grouper, unclassified	262	243	1703	322	376	166	123	1583	1251	1332	1123	667	9150
Grouper, warsaw	0	439	889	356	188	1641	725	1836	1818	1346	1103	223	10565
Grouper, yellowfin	0	0	0	0	0	0	0	0	0	0	65	135	200
Mullet, unclassified	60	0	0	0	0	0	0	0	0	0	0	0	60
Others, unclassified	0	0	0	1920	1740	1888	2080	3036	1812	1704	968	620	15768
Porgy, unclassified	0	1	0	0	0	7	0	0	0	0	0	0	9
Seatrout, sand	0	0	0	0	0	0	0	0	0	0	0	0	0
Shark, shortfin mako	212	90	51	30	246	0	0	493	635	0	519	0	2277
Shark, unclassified	0	0	182	281	313	0	0	0	7	44	0	0	826
Snapper, red	4605	63857	145186	85314	75148	1114	1139	8631	14822	6043	15219	10608	431686
Snapper, unclassified	0	0	16	48	90	6	3	153	14	51	18	5	405
Snapper, vermilion	1185	788	6044	3277	1872	1082	1353	6547	6805	16260	9001	1086	55301
Swordfish	53360	35508	7337	36747	3158	814	1009	9322	8684	7566	28752	9037	201294
Tilefish	0	0	0	0	0	8573	0	0	2371	4934	0	0	15879
Triggerfish, gray	175	321	268	24	276	28	27	398	286	30	133	89	2056
Tuna, blackfin	0	20037	0	2841	0	0	234	272	144	549	12167	98397	134640
Tuna, bluefin	12653	0	0	0	0	0	0	0	0	0	0	18	12671
Tuna, unclassified	57034	0	7471	36782	0	33861	0	33423	0	15047	0	0	168571
Tuna, yellowfin	2020	15561	0	0	3898	0	56883	0	29060	0	0	27	120476
Unclassified food	0	916	116	948	0	181	0	30	466	13	718	1280	6689
Unclassified scrap	0	0	0	0	0	0	0	11	5	21	23	0	59
Wahoo	25	154	50	41	215	964	0	0	0	0	0	0	1449
Total finfish	132436	142070	177686	169954	88080	51038	64579	72330	71705	57814	73961	125343	1226974
SHELLFISH													
Mantis shrimp	86	0	0	0	0	0	0	0	0	0	0	0	86
Squid, unclassified	227	319	0	82	0	0	22	0	0	350	0	0	999
Total shellfish	313	319	0	82	0	0	22	0	0	350	0	0	1085
Grand Total	132749	142389	177686	170035	88080	51038	64579	72330	71705	58164	73961	125343	1228059

Table E.11. Weight (lb) of each shrimp species (heads-on) landed commercially from the Gulf of Mexico during 1993.

Month	Brown and Pink	White	Other	Total
January	1,236,016	96,994	567,780	1,900,790
February	1,457,606	177,782	777,724	2,413,112
March	813,423	201,243	2,068,209	3,082,875
April	1,114,326	243,748	3,359,814	4,717,888
May	1,274,461	198,426	2,418,252	3,891,139
June	687,361	255,118	59,696	1,002,174
July	7,750,504	1,053,183	7,364	8,811,050
August	6,922,050	531,594	2,744	7,456,388
September	4,361,303	2,216,189	2,797	6,580,290
October	4,015,103	2,569,026	21,082	6,605,211
November	3,648,599	1,112,300	103,168	4,864,068
December	3,292,877	335,163	184,682	3,812,721
Total	36,573,629	8,990,766	9,573,311	55,137,707

Table E.12. Ex-vessel value (\$) of each shrimp species (heads-on) landed commercially from the Gulf of Mexico during 1993.

Month	Brown and Pink	White	Other	Total
January	3,261,431	285,727	238,227	3,785,385
February	4,209,645	371,979	350,507	4,932,131
March	2,330,504	453,509	749,929	3,533,942
April	3,268,376	668,764	961,647	4,898,787
May	3,058,316	669,141	642,422	4,369,879
June	952,008	712,560	35,063	1,699,631
July	12,767,515	3,787,613	3,763	16,558,891
August	14,187,501	1,131,357	1,271	15,320,129
September	11,391,380	4,532,768	1,561	15,925,709
October	11,620,843	5,873,929	8,261	17,503,033
November	9,815,205	2,636,746	63,324	12,515,275
December	9,231,622	874,630	48,393	10,154,645
Total	86,094,346	21,998,723	3,104,368	111,197,437

Appendix F. Weight (lb) and ex-vessel value (\$) of menhaden caught off Texas but landed commercially in Louisiana during 1977-1993.

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 1977-1993. 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

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 during 1977-1993.

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 1977-1993. 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

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-1993. Data based on weekly oyster transplant reports submitted to IPWD 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

^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^a-1993. Data based on monthly oyster harvest reports submitted to IPWD 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

^aData prior to 1978 not available.

Appendix H. Number of commercial licenses sold in Texas in each fiscal year (September-August) from 1956-1993.

Table H.1. Number of commercial dealer licenses sold in Texas in each fiscal year from 1956 through 1993^a. 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	Whole-sale fish	Whole-sale fish truck	Shrimp house operator	Bait shrimp	Menhaden fish plant
	Large	Medium	Small							
1956	2,675	1,444	3,888	75	3,936	157	96	0	0	0
1957	2,691	1,425	3,841	80	3,533	155	88	0	0	0
1958	2,792	1,376	3,639	84	4,391	142	76	0	0	0
1959	2,809	1,593	3,963	84	5,007	171	73	6	25	0
1960	3,163	1,491	3,775	86	4,043	175	81	18	582	0
1961	3,390	1,499	3,482	78	3,865	185	87	9	528	2
1962	3,388	1,549	3,564	63	3,421	187	72	10	502	5
1963	3,414	1,594	3,437	88	3,192	201	83	16	500	1
1964	3,485	1,650	3,688	76	3,260	205	69	29	476	3
1965	3,435	1,598	3,585	73	3,034	209	71	36	412	2
1966	3,467	1,617	3,559	65	2,968	234	78	28	417	1
1967	3,433	1,573	3,492	46	3,272	227	69	29	416	1
1968	3,455	1,619	3,477	57	3,030	241	74	37	432	1
1969	3,445	1,645	3,441	50	3,071	203	67	31	405	1
1970	3,574	1,599	3,481	53	3,169	211	62	33	408	1
1971	3,639	1,585	3,418	73	3,214	225	62	34	397	1
1972	3,758	1,543	3,420	96	3,113	219	52	33	439	1
1973	3,692	1,523	3,323	122	2,921	219	65	33	430	1
1974	3,721	1,478	2,801	167	2,456	251	54	27	417	0
1975	3,630	1,413	2,706	437	2,675	250	57	26	417	0
1976	3,513	1,450	2,717	489	2,998	241	53	27	423	0
1977	3,005	1,331	2,704	601	3,020	260	67	25	422	0
1978	2,920	1,301	2,719	786	2,991	259	77	27	419	0
1979	2,817	1,212	2,667	605	2,877	255	60	28	449	0
1980	2,449	1,124	2,460	544	2,853	265	44	30	476	0
1981	2,482	1,156	2,371	895	2,776	254	53	27	500	0
1982	2,256	1,144	2,244	1,287	2,828	307	82	29	520	0
1983	2,202	1,120	2,259	1,185	2,895	329	102	34	543	0
1984 ^c	5,122			900	2,600	325	67	28	484	0
1985	4,994			1,026	2,638	327	79	26	488	0
1986	4,560			1,005	2,751	361	84	28	510	0
1987	4,397			844	2,733	398	94	29	505	0
1988	3,989			776	2,756	447	99	30	527	0
1989	3,800			759	2,712	448	86	26	532	0
1990	3,623			706	2,709	412	74	23	524	0
1991	3,574			655	2,627	392	68	19	479	0
1992	3,366			701	2,557	439	85	16	400	0
1993	3,273			823	2,448	447	76	13	387	0

^aLicense 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 1993. 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	General				Finfish		
	Tidal water	Red drum	Resident ^a		Non-resident ^b	Menhaden only	Import
			Fishermen	Vessel			
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		605	4,379				
1980		636	19,660		2,291	1,989	46
1981	32,823	635	14,205	0	3,581	1,678	444
1982			13,427	2,632	3,870	632	16
1983			13,591	2,691	4,775	670	31
1984			12,357	2,797	5,503	452	11
1985			11,244	2,535	5,352	466	28
1986			10,803	2,498	1,742	486	46
1987			10,885	2,288	1,725	479	24
1988			10,429	2,204	1,348	596	20
1989			9,036	2,172	1,309	506	54
1990			7,707	2,078	988	633	71
1991			7,446	1,965	309	637	6
1992			6,410	2,162	315	824	2
1993			5,828	2,114	124	802	3

^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 1993. 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	Saltwater trotline tags	Seine tags ^a	Commercial oyster dredge ^b	Mussel dredge permit (power)
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
1993	9,170	-	-	0

^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 1992^a. 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)	21	2,167 (604)	2,431 (5)		1,817 (6)	
1991	879 (2)	12	2,006 (568)	2,338 (5)		1,707 (3)	552 (12)
1992	1,252 (91)	13	1,852 (699)	1,960 (7)		1,551 (3)	520 (29)
1993	1,240 (12)	12	1,627 (472)	1,800 (4)		1,512 (1)	431 (66)
							389 (17)

^aLicense data are not additive for any row since boats may have multiple licenses.

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