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Trends in Texas Commercial Fishery Landings, 1972-1992

by
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and
Vanenise Price

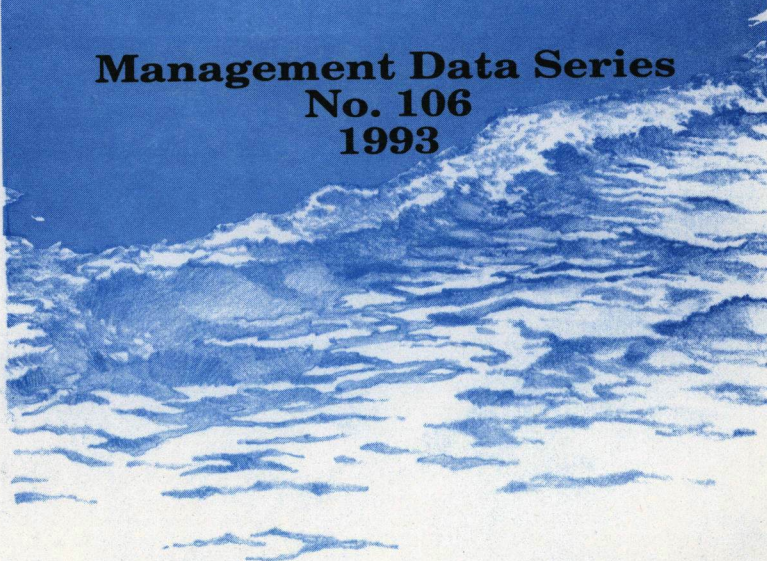
Management Data Series
No. 106
1993



TEXAS
PARKS & WILDLIFE
DEPARTMENT

FISHERIES & WILDLIFE
DIVISION

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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 1992 were more than 90 million pounds and ex-vessel value was over \$162 million. These values were 22% and 34%, respectively, below the record values of 1986.

Shrimp accounted for 86% of the weight and 92% of ex-vessel value of all seafood landed in calendar year 1992. During 1992 blue crabs, Eastern oysters and finfish made up 8%, 2%, and 3% of total landings, respectively, and 2%, 3%, and 2% of the total ex-vessel value, respectively. Compared to 1991 prices, the average 1992 unit price for brown and pink shrimp decreased and white shrimp increased; the unit price of blue crabs increased, other shellfish did not change; while the unit price of Eastern oysters decreased 22%.

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 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 1992.

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 1992 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 21-year period of 1972-92 more than 2.0 billion pounds of seafood products valued at over \$3.2 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 1988-1992, brown shrimp (Penaeus aztecus), pink shrimp (P. duorarum), and white shrimp (P. setiferus), represented approximately 82% 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 2% 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 81% of total ex-vessel value.

A comparison of landings among bay systems for the interval 1988 through 1992, 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 (1988-1992), mean price per pound paid to commercial fishermen for black drum, flounder, and sheepshead generally increased through 1990, declined in 1991 and increased in 1992 (Table 17). 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 also has fluctuated during this interval. Compared to 1991 prices, the average 1992 unit price for brown and pink shrimp decreased and white shrimp increased; the unit price of blue crabs increased, other shellfish did not change, while the unit price of Eastern oysters decreased 22%.

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 1992 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 1977-1992 are presented in Appendix F. During that 15-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 1992 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 1992, 763,300 pounds of meat valued at \$1,574,800 were landed in Texas from oyster leases.

The number of commercial licenses sold in Texas in each fiscal year (September-August) from 1956 to 1992 are presented in Appendix H. During the last five years (1987-1992), the number of retail fish dealer licenses has declined each year; the number of wholesale dealer licenses has fluctuated but has not shown an increasing or decreasing trend.

DISCUSSION

Commercial fishing continues to be an important industry in Texas. Approximately 90 million pounds of seafood with an ex-vessel value of \$162 million were reported for 1992. Using an approximate expansion factor of three (Grubb 1973), the total economic impact of this industry at the wholesale level in Texas approximates one-half billion dollars annually. This expansion does not include over 52 million pounds of menhaden worth over \$2.6 million (ex-vessel) caught in 1992 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.

Common name	Scientific name ^a
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
Crevalle jack	<u>Caranx hippos</u>
Cusk eel	Family Ophidiidae
Dolphin	<u>Coryphaena hippurus</u>
Flounder	
Gulf flounder	<u>Paralichthys albiquitta</u>
Southern flounder	<u>Paralichthys lethostigma</u>
Florida pompano	<u>Trachinotus carolinus</u>
Gafftopsail catfish	<u>Baore marinus</u>
Great barracuda	<u>Sphyræna 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
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>
Menhaden	<u>Brevoortia sp.</u>

Table 1. (Cont'd.)

Common name	Scientific name ^a
FINFISH (Cont'd.)	
Mullet	
Striped mullet	<u>Mugil cephalus</u>
White mullet	<u>Mugil curema</u>
Pinfish	<u>Laqodon 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 caprisus</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. (Cont'd.)

<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 kroveri</u>
Squid	
Brief squid	<u>Loliguncula 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 1992.

Organism	Method	Location	Product	Season	Time*	Exceptions
Shrimp	Trawl	Bait and major bays	Bait ^b	All year	Day ^d	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 ^d	2:00 pm closure.
	Trawl	Major bays south of Colorado River	All ^b	01 Feb-15 Apr	Night ^e	None.
Crabs	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.
	Trap, trawl, net, hook, and line	Bays*, Gulf ^f	All	All year	24 h	None.
Oysters	Dredge	Bays*	Market oysters	1 Nov-30 Apr	Day ^d	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*, Gulf ^f	Bait	All year	24 h	None.
	Trotline	Bays*	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:

- *Gear fishing time.
- ^bRed drum and spotted seatrout excluded.
- ^cNight is defined as the time between 30 min. after sunset and 30 min. before sunrise.
- ^dDay is defined as the time between 30 min. before sunrise and 30 min after sunset.
- ^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), 1972-1992.

Year	Finfish					Shellfish					Grand Total				
	Black drum	Flounder	Sheeps-head	Snapper		Total	Shrimp			Blue Eastern Crab		Oyster	Other	Total	
				Other	Total		Brown and Pink	White	Other						Total
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	1330.2	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	34.4	1059.2	1628.4	3865.7	49782.2	20788.7	6287.3	76858.3	6160.6	2747.9	140.9	85907.8	89773.4

Table 4. Texas commercial finfish and shellfish ex-vessel value (\$ x 1000), 1972-1992.

Year	Finfish										Shellfish				
	Black drum	Sheeps-head	Flounder	Snapper	Other	Total	Brown and Pink			Total	Blue Crab	Eastern Oyster	Other	Total	Grand Total
							White	Other	Total						
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	15.3	1781.5	1868.5	4713.3	104533.2	42330.8	2784.6	149648.5	2784.4	5165.9	84.3	157683.1	162396.4

Table 5. Weight (lb x 1000) of each species landed commercially from Texas bay systems, 1972-1992.

Year	Finfish										Shellfish					Grand Total
	Black drum	Flounder	Sheeps-head	Mullet	Other	Total	Shrimp			Blue Eastern Crab		Total				
							Brown and Pink	White	Other	Oyster	Other					
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	0.1	22228.7	7201.2	5167.7	25.0	34622.7	36141.1	
1985	632.0	369.6	157.0	253.5	375.4	1787.6	9178.0	7101.5	3.0	16282.5	9691.0	5133.9	153.5	31260.9	33048.4	
1986	572.4	493.3	112.7	112.2	212.7	1503.2	9556.0	10894.0	1.5	20451.4	9399.1	5649.3	184.6	35684.5	37187.7	
1987	762.2	481.7	100.6	223.3	143.4	1711.3	13658.6	10027.8	5.5	23691.9	11651.2	2897.1	106.3	38346.5	40057.8	
1988	530.5	208.6	150.1	65.7	282.7	1237.7	11949.3	7428.4	3.6	19381.2	10341.7	2269.3	293.0	32285.1	33522.9	
1989	606.9	98.9	26.3	111.7	76.1	919.8	10253.0	3803.3	0.0	14056.3	8477.4	1964.9	182.2	24680.8	25600.6	
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	33.6	25.6	168.2	1291.0	9248.2	10399.5	9.6	19657.3	6153.2	2747.9	128.4	28686.8	29977.7	

Table 6. Ex-vessel value (\$ x 1000) of each species landed commercially from Texas bay systems, 1972-1992.

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	4850.5	126.8	21674.6	22319.2	
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	15.0	12.3	91.4	1093.0	9244.6	16433.1	2.4	25680.2	2780.5	5165.9	77.7	33704.4	34797.4	

Table 7. Weight (lb x 1000) of "other" finfish species landed commercially from Texas bay systems, 1972-1992.

Species	Year												
	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Atlantic croaker	35.7	92.6	76.6	83.3	104.4	30.0	19.8	16.4	13.6	2.2	60.4	19.5	1.8
Atlantic spadefish	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
Florida pompano	3.9	1.8	7.8	5.1	2.4	0.4	0.5	2.1	0.4	0.2	0.2	5.1	2.0
Gafftopsail catfish	22.6	55.1	63.4	67.8	70.1	60.8	50.4	39.0	45.3	6.9	15.7	37.5	22.1
Kingfish, unclassified	15.7	19.3	7.7	19.2	33.0	6.6	4.8	7.9	6.2	2.7	47.9	8.7	2.2
Mackerel, Spanish	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Red drum	1370.0	1515.3	1781.0	2026.1	1950.6	899.8	853.5	676.9	1106.4	604.4	0.0	0.0	0.0
Seatrout, sand	19.5	5.8	1.0	9.4	43.8	6.5	6.4	9.8	3.5	16.2	3.6	1.2	3.6
Seatrout, spotted	1237.5	1437.7	1711.3	1563.8	1564.5	1235.0	1118.6	899.3	928.3	617.2	0.0	0.0	0.0
Shark, unclassified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Unclassified food	48.9	45.2	42.3	51.8	43.4	44.1	80.0	81.9	31.0	19.3	23.2	42.2	19.0
Unclassified scrap	86.7	95.4	71.6	132.1	131.2	140.5	51.6	44.8	44.8	9.7	45.1	71.5	54.4
Total	2840.3	3268.2	3762.6	3958.7	3943.4	2423.7	2185.7	1778.1	2179.6	1278.8	195.9	185.7	105.8

Table 7. (Continued).

Species	Year									
	1985	1986	1987	1988	1989	1990	1991	1992		
Alligator gar	0.0	0.0	3.0	6.8	4.6	43.3	1.1	0.0		
Atlantic croaker	35.8	36.6	41.7	14.1	6.6	0.5	1.6	14.2		
Atlantic cutlassfish	0.0	0.0	3.9	0.0	0.0	7.7	15.4	16.5		
Atlantic moonfish	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0		
Atlantic spadefish	0.0	0.4	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		
Dolphin	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1		
Eels, cusk	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0		
Florida pompano	2.7	13.5	2.4	3.5	0.3	0.1	0.5	0.0		
Gafftopsail catfish	27.2	17.5	7.6	8.0	1.2	7.2	5.3	11.2		
Gar, unclassified	0.0	0.0	0.0	0.0	0.0	0.0	1.2	45.1		
Greater amberjack	0.0	0.0	0.0	0.4	1.1	0.0	0.1	0.0		
Gulf butterfish	0.0	0.1	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		
Killifish, unclassified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5		
Kingfish, unclassified	6.2	4.0	3.8	2.3	8.6	14.9	3.4	10.6		
Kingfish, Southern	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1		
Mackerel, Spanish	1.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0		
Others, unknown	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5		
Pigfish	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		
Seatrout, sand	2.6	4.6	1.2	0.5	0.2	0.8	1.4	0.3		
Seatrout, silver	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
Shark, blacktip	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0		
Shark, unclassified	0.6	0.1	1.7	5.8	0.4	0.0	0.3	0.0		
Snake eel, unclassified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
Stingrays	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		
Unclassified food	48.3	32.5	15.0	32.5	12.8	10.5	15.0	1.0		
Unclassified scrap	250.9	103.2	63.1	207.4	40.0	30.3	3.9	8.2		
Total	375.4	212.7	143.4	282.7	76.1	115.7	51.0	168.2		

Table 8. Ex-vessel value (\$ x 1000) of "other" finfish species landed commercially from Texas bay systems, 1972-1992.

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

Table 8. (Continued).

Species	Year									
	1985	1986	1987	1988	1989	1990	1991	1992		
Alligator gar	0.0	0.0	2.6	6.1	3.9	27.7	0.8	0.0		
Atlantic croaker	6.6	8.4	13.1	3.4	1.8	0.2	0.5	6.0		
Atlantic cutlassfish	0.0	0.0	0.3	0.0	0.0	6.7	11.5	12.6		
Atlantic moonfish	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		
Bluefish	0.0	0.0	0.0	0.1	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		
Eels, cusk	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0		
Florida pompano	2.6	12.6	2.4	3.3	0.2	0.1	0.8	0.0		
Gafftopsail catfish	6.8	4.9	2.1	2.6	0.5	3.0	1.4	3.4		
Gar, unclassified	0.0	0.0	0.0	0.0	0.0	0.0	0.5	31.3		
Greater amberjack	0.0	0.0	0.0	0.2	1.1	0.0	0.0	0.0		
Gulf butterfish	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	0.0		
Killifish, unclassified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.1		
Kingfish, unclassified	1.8	1.5	1.5	0.9	3.3	6.5	1.0	3.2		
Kingfish, Southern	0.0	0.0	0.0	0.1	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		
Others, unknown	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2		
Pigfish	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		
Seatrout, sand	0.9	1.6	0.5	0.2	0.1	0.5	0.9	0.1		
Seatrout, silver	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
Shark, blacktip	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0		
Shark, unclassified	0.3	0.0	0.6	2.4	0.1	0.0	0.2	0.0		
Snake eel, unclassified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1		
Stingrays	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		
Unclassified food	20.3	10.9	5.5	35.6	4.9	3.8	8.4	0.3		
Unclassified scrap	18.4	15.1	8.0	73.9	4.6	4.4	1.8	4.5		
Total	58.4	55.2	36.6	129.1	20.7	53.3	31.2	91.4		

Table 9. Weight (lb x 1000) of "other" shellfish species landed commercially from Texas bay systems, 1972-1992.

Species	Year												
	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Crab, stone	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
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
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
Atlantic bay scallop	0.1	5.3	0.0	0.0	1.2	0.0	0.0	0.0
Crab, stone	135.8	153.7	60.6	267.8	172.9	208.7	339.0	84.0
Shrimp, mantis	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
Squid, unclassified	17.6	25.7	45.6	25.1	8.1	15.1	12.6	44.3
Total	153.5	184.6	106.3	293.0	182.2	223.8	351.6	128.4

Table 10. Ex-vessel value (\$ x 1000) of "other" shellfish species landed commercially from Texas bay systems, 1972-1992.

Species	Year												
	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Crab, stone	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
Squid, unclassified	0.4	0.5	0.9	0.6	2.7	1.8	1.2	0.1	0.0	0.0	4.0	1.3	9.6
Total	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

Species	Year							
	1985	1986	1987	1988	1989	1990	1991	1992
Atlantic bay scallop	0.4	2.4	0.0	0.0	0.1	0.0	0.0	0.0
Crab, stone	110.2	77.7	31.2	136.1	122.2	134.1	195.7	52.2
Shrimp, mantis	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Squid, unclassified	7.3	19.9	19.3	10.8	4.5	8.0	8.9	25.5
Total	117.8	100.0	50.6	147.0	126.8	142.1	204.6	77.7

Table 11. Weight (lb x 1000) of each species landed commercially from the Gulf of Mexico, 1972-1992.

Year	Finfish										Shellfish				Grand Total		
	Black drum	Flounder	Sheeps-head	Mullet	Cobia	Grouper	Snapper	Other	Shrimp		Total	Blue crab	Other	Total			
									Brown and Pink	White							
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	65225.4
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	12.5	7.1	145.5	1059.2	918.2	2223.6	40534.0	10389.2	6277.8	57201.0	7.4	12.6	57221.0	59444.5

Table 12. Ex-vessel value (\$ x 1000) of each species landed commercially from the Gulf of Mexico, 1972-1992.

Year	Finfish										Shellfish					Grand Total	
	Black drum	Flounder	Sheeps-head	Mullet	Cobia	Grouper	Snapper	Other	Shrimp			Total	Blue crab	Other	Total		
									Brown and Pink	White	Other						
1972	5.5	83.3	8.2	0.9	2.6	10.7	572.0	110.4	793.6	64511.8	11032.0	1.1	75544.9	1.1	0.4	75546.4	76339.9
1973	8.3	72.5	6.7	2.9	2.4	14.5	401.5	262.5	771.4	63149.6	15406.8	272.3	78828.7	22.4	0.3	78851.3	79622.7
1974	8.1	87.3	7.5	4.9	3.0	10.9	415.8	174.2	711.7	50764.3	12685.0	341.7	63791.0	3.5	1.7	63796.2	64508.0
1975	6.9	80.5	5.3	1.0	5.0	11.2	393.4	194.5	697.8	70328.2	11802.7	151.7	82282.6	4.6	0.9	82288.1	82985.9
1976	15.9	66.3	7.4	1.7	5.0	14.4	353.1	162.4	626.2	94231.1	17136.3	67.7	111435.0	2.6	1.9	111439.5	112065.7
1977	12.0	49.2	5.5	0.2	4.7	5.2	420.9	117.6	615.2	97992.2	16356.9	234.9	114583.9	2.2	2.4	114588.5	115203.6
1978	6.8	24.0	1.6	2.5	4.4	9.8	403.5	60.7	513.4	99880.9	28144.5	344.6	128369.9	0.3	3.2	128373.4	128886.7
1979	8.8	16.5	3.8	2.4	2.8	6.7	261.5	143.9	446.5	111142.2	23575.6	381.0	135098.9	0.2	0.2	135099.2	135545.7
1980	3.0	31.2	1.4	0.7	1.1	9.7	351.3	68.2	466.6	107142.1	15570.3	431.8	123144.2	0.8	0.0	123145.0	123611.6
1981	4.6	20.6	1.7	1.3	7.3	14.2	267.8	62.8	380.3	129069.4	24541.3	317.9	153928.6	1.7	0.0	153930.3	154310.6
1982	9.0	82.4	4.9	0.5	13.1	42.7	669.2	26.5	848.4	126037.3	30800.9	504.2	157342.4	0.8	1.0	157344.1	158192.5
1983	5.6	51.2	0.9	3.3	10.2	31.9	383.5	17.5	504.1	113408.4	33074.0	330.7	146813.1	10.6	2.0	146825.7	147329.8
1984	9.3	55.6	2.5	1.4	8.7	27.5	818.3	50.0	973.3	116760.5	40281.4	198.2	157240.1	6.9	9.6	157256.7	158230.0
1985	6.2	62.8	4.8	5.7	4.0	212.7	1242.4	249.5	1788.1	107535.6	38360.8	164.1	146060.5	8.5	9.9	146078.9	147867.0
1986	8.9	54.7	5.6	0.9	7.7	216.5	1711.2	608.5	2614.0	158211.4	44646.9	924.7	203783.0	32.4	6.8	203822.2	206436.2
1987	65.7	61.3	10.5	0.1	5.8	452.8	1313.9	606.0	2516.2	130970.1	24062.9	3644.0	158677.1	12.6	6.8	158696.5	161212.6
1988	122	59.5	6.2	0.2	5.3	660.3	1563.1	1228.8	3644.9	119102.8	23222.4	2544.6	144869.8	32.7	7.4	144909.9	148555.2
1989	3.9	60.7	3.6	4.8	11.6	422.7	1185.6	690.8	2383.7	111524.9	17531.7	2018.2	131074.8	279.9	5.2	131359.8	133797.0
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	2.3	6.7	224.4	1781.5	1390.7	3479.4	95288.5	25897.7	2782.1	123968.3	3.9	6.6	123978.8	127458.2

Table 13. Weight (lb x 1000) of "other" finfish species landed commercially from the Gulf of Mexico, 1972-1992.

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

Table 13. (Continued).

Species	Year										
	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
Alligator gar	0.0	0.0	0.0	0.3	0.0	0.1	0.0	0.0	0.0	0.0	0.0
Atlantic croaker	1.9	2.5	5.3	1.5	0.3	0.0	0.6	1.5	0.0	0.0	1.5
Atlantic cutlassfish	0.0	0.0	0.0	0.0	1.6	0.0	0.0	2.6	0.0	0.0	0.0
Atlantic moonfish	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Atlantic spadefish	0.0	0.1	0.0	0.0	1.4	0.0	0.0	0.1	0.0	0.0	0.0
Blue runner	0.0	0.0	0.0	0.0	2.2	0.0	0.0	2.0	0.0	0.0	2.0
Bluefish	0.0	1.3	10.3	0.4	0.0	0.3	0.0	0.0	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	0.0	0.0
Crevalle jack	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1
Dolphin	0.2	2.9	1.9	3.1	9.7	18.6	5.1	15.9	0.0	0.0	0.0
Eels, cusk	0.0	0.0	0.0	1.0	0.4	0.3	0.0	0.0	0.0	0.0	0.0
Florida pompano	13.0	1.7	12.6	0.1	0.6	0.3	0.1	1.0	0.0	0.0	0.0
Gafftopsail catfish	18.3	12.3	11.1	2.5	0.1	0.4	1.2	0.0	0.0	0.0	0.0
Great barracuda	0.0	0.0	0.0	0.1	0.1	0.2	0.1	0.4	0.0	0.0	0.4
Greater amberjack	27.9	106.1	96.5	173.1	126.2	66.9	27.6	169.4	0.0	0.0	0.0
Gulf butterfish	4.9	0.1	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Herring, unclassified	0.0	0.0	0.0	0.0	0.0	0.3	1.3	13.9	0.0	0.0	0.0
Kingfish, unclassified	20.5	14.9	29.6	29.3	58.1	61.6	23.2	13.9	0.0	0.0	0.0
Kingfish, Gulf	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0
Kingfish, Southern	0.0	0.0	0.0	0.7	0.5	0.0	0.0	0.1	0.0	0.0	0.1
Mackerel, king	2.5	1.5	2.5	6.2	0.3	1.3	0.4	41.4	0.0	0.0	0.0
Mackerel, Spanish	0.2	0.2	0.8	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0
Others, unknown	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pinfish	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
Porgy, unclassified	0.0	0.0	0.0	0.0	0.3	0.7	0.8	0.0	0.0	0.0	0.0
Seatrout, sand	2.3	0.6	2.6	0.0	0.7	0.2	1.7	0.3	0.0	0.0	0.0
Seatrout, silver	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1
Shark, blacktip	0.0	0.7	4.9	1.7	1.3	0.5	0.5	0.2	0.0	0.0	0.0
Shark, shortfin mako	0.5	6.9	4.1	1.0	0.5	0.3	5.7	1.7	0.0	0.0	0.0
Shark, unclassified	63.4	105.3	31.3	33.1	26.2	34.2	17.9	27.6	0.0	0.0	0.0
Swordfish	31.9	85.5	46.4	22.3	12.6	8.7	10.1	60.5	0.0	0.0	0.0
Tilefish	41.8	7.3	35.6	214.9	143.9	48.8	25.0	5.7	0.0	0.0	0.0
Triggerfish, gray	0.0	0.3	0.2	0.7	4.7	7.0	6.2	7.9	0.0	0.0	0.0
Tuna, blackfin	0.0	0.3	0.0	0.5	0.5	7.7	0.4	7.4	0.0	0.0	0.0
Tuna, bluefin	2.7	1.1	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tuna, little	0.0	0.0	0.2	0.0	1.0	0.0	0.0	24.5	0.0	0.0	0.0
Tuna, unclassified	22.8	79.0	14.9	37.0	34.2	11.6	71.1	181.2	0.0	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, Yellowfin	1.5	100.6	79.8	474.2	96.8	66.3	0.0	307.6	0.0	0.0	0.0
Unclassified food	67.0	3.8	20.6	31.5	7.5	8.3	3.6	14.7	0.0	0.0	0.0
Unclassified scrap	7.5	2.6	9.1	1.0	0.1	0.5	7.0	3.6	0.0	0.0	0.0
Wahoo	0.0	0.1	1.0	16.8	5.5	3.4	2.1	10.4	0.0	0.0	0.0
Total	331.0	538.2	426.7	1053.2	537.7	348.7	212.0	918.2	0.0	0.0	0.0

Table 14. Ex-vessel value (\$ x 1000) of "other" finfish species landed commercially from the Gulf of Mexico, 1972-1992.

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
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
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
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
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
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, 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
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, 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, 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
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, 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
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		
Alligator gar	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0
Atlantic croaker	0.4	0.8	1.9	0.5	0.1	0.0	0.0	0.0	0.0	0.3
Atlantic cutlassfish	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	1.9
Atlantic moonfish	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Atlantic spadefish	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.1
Blue runner	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.5
Bluefish	0.0	0.7	4.4	0.1	0.0	0.1	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
Creville jack	0.0	0.0	0.4	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		
Eels, cusk	0.0	0.0	0.0	0.5	0.3	0.2	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		
Gafftopsail catfish	7.8	5.5	2.5	0.8	0.1	0.2	0.2	0.0		
Great barracuda	0.0	0.0	0.0	0.0	0.1	0.0	0.2	0.2		
Greater amberjack	19.2	58.6	58.6	115.7	108.6	52.4	26.9	156.3		
Gulf butterfish	2.6	0.0	1.1	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		
Kingfish, unclassified	6.5	5.2	10.1	10.4	21.0	18.8	8.0	5.1		
Kingfish, Gulf	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0		
Kingfish, Southern	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.0		
Kingfish, king	2.1	1.1	1.5	5.4	0.4	1.3	1.2	27.7		
Mackerel, king	0.1	0.2	0.3	0.0	0.0	0.2	0.0	0.0		
Mackerel, Spanish	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
Others, unknown	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9		
Pinfish	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		
Seatrout, sand	2.1	0.3	1.9	0.0	0.3	0.0	1.9	0.1		
Seatrout, silver	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
Shark, blacktip	0.0	0.3	6.9	0.8	0.9	0.3	0.4	0.0		
Shark, shortfin mako	0.4	6.3	10.1	0.8	0.5	0.2	16.1	5.3		
Shark, unclassified	27.8	56.1	13.2	14.7	9.1	28.3	9.5	8.2		
Swordfish	93.3	251.3	198.3	65.4	42.4	25.9	33.6	170.5		
Tilefish	39.5	6.1	30.6	230.8	178.6	58.5	25.8	6.6		
Triggerfish, gray	0.0	0.1	0.1	0.4	2.7	4.4	5.7	7.1		
Tuna, blackfin	0.0	0.1	0.0	0.2	0.8	6.2	0.4	12.2		
Tuna, bluefin	0.3	4.0	10.6	0.0	0.0	0.0	0.0	0.0		
Tuna, little	0.0	0.0	0.1	0.0	1.4	0.0	0.0	51.0		
Tuna, unclassified	12.8	102.8	18.2	67.6	45.9	19.7	166.2	365.3		
Tuna, Atlantic bonito	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0		
Tuna, Yellowfin	2.0	100.6	209.2	684.4	249.6	147.4	0.0	529.5		
Unclassified food	18.6	2.0	5.1	13.4	8.6	5.2	3.3	11.6		
Unclassified scrap	1.4	0.5	1.5	0.2	0.2	0.0	6.0	2.9		
Wahoo	0.0	0.1	1.3	13.0	4.8	3.4	2.1	9.9		
Total	249.5	608.5	606.0	1228.8	690.8	391.6	314.2	1390.7		

Table 15. Weight (lb x 1000) of "other" shellfish species landed commercially from the Gulf of Mexico, 1972-1992.

Species	Year												
	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Crab, stone	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
Squid, unclassified	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
Total	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

Species	Year							
	1985	1986	1987	1988	1989	1990	1991	1992
Crab, stone	3.2	0.0	1.5	3.6	1.7	1.7	0.6	3.1
Lobster, shovelnose	0.0	0.0	0.0	0.1	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
Squid, unclassified	15.1	14.8	14.7	12.5	18.1	10.2	5.9	9.5
Total	18.2	14.8	16.3	16.2	19.8	12.1	6.5	12.6

Table 16. Ex-vessel value (\$ x 1000) of "other" shellfish species landed commercially from the Gulf of Mexico, 1972-1992.

Species	Year												
	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Crab, stone	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
Squid, unclassified	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
Total	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

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

Table 17. Ex-vessel price (\$/lb) of finfish, 1972-1992.

Year	Black drum		Flounder		Sheepshead		Snapper		Other	
	Range	Mean	Range	Mean	Range	Mean	Range	Mean	Range	Mean
1972	0.07-0.19	0.12	0.18-0.37	0.26	0.03-0.15	0.08	0.35-0.53	0.46	0.03-0.50	0.24
1973	0.07-0.24	0.13	0.18-0.44	0.31	0.04-0.17	0.09	0.45-0.65	0.51	0.03-0.50	0.27
1974	0.07-0.27	0.16	0.15-0.43	0.29	0.03-0.17	0.07	0.40-0.75	0.56	0.03-0.62	0.27
1975	0.03-0.31	0.18	0.20-0.53	0.36	0.03-0.25	0.09	0.40-0.77	0.63	0.03-0.79	0.32
1976	0.09-0.35	0.24	0.21-0.57	0.41	0.05-0.23	0.11	0.59-0.95	0.71	0.03-1.05	0.38
1977	0.10-0.41	0.28	0.25-0.72	0.55	0.05-0.30	0.10	0.20-1.18	0.96	0.05-0.95	0.47
1978	0.05-0.60	0.34	0.20-0.90	0.73	0.05-0.40	0.12	0.72-1.40	1.04	0.05-1.95	0.59
1979	0.10-0.95	0.39	0.20-1.20	0.82	0.05-0.45	0.14	0.90-1.49	1.22	0.05-1.71	0.71
1980	0.10-0.70	0.51	0.40-1.27	0.79	0.06-0.45	0.14	0.95-1.77	1.52	0.05-1.70	0.85
1981	0.10-1.40	0.57	0.20-1.45	1.06	0.05-0.95	0.21	0.98-2.01	1.61	0.05-1.70	0.98
1982	0.15-0.95	0.63	0.51-1.45	0.97	0.10-0.77	0.25	0.86-2.11	1.81	0.05-1.95	0.26
1983	0.20-0.85	0.65	0.45-1.40	0.94	0.10-0.80	0.24	0.90-1.95	1.46	0.05-1.90	0.28
1984	0.20-0.95	0.50	0.47-1.70	0.92	0.10-0.55	0.21	1.29-2.09	1.81	0.06-1.96	0.33
1985	0.15-1.05	0.66	0.53-1.86	1.00	0.05-0.45	0.22	0.75-2.41	1.87	0.05-5.00	0.44
1986	0.18-1.20	0.70	0.38-1.44	0.96	0.15-0.55	0.27	0.75-2.43	1.86	0.05-3.80	0.82
1987	0.15-1.45	0.70	0.35-1.75	0.98	0.15-1.91	0.28	0.85-3.00	1.87	0.06-7.85	0.98
1988	0.03-2.00	0.77	0.50-1.87	1.23	0.20-1.12	0.28	0.55-2.95	1.94	0.05-3.85	1.08
1989	0.15-1.44	0.78	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	0.45	0.60-2.77	1.68	0.07-10.4	1.15

Table 18. Ex-vessel price (\$/lb) of shellfish, 1972-1992.

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		0.02-2.57	1.88	

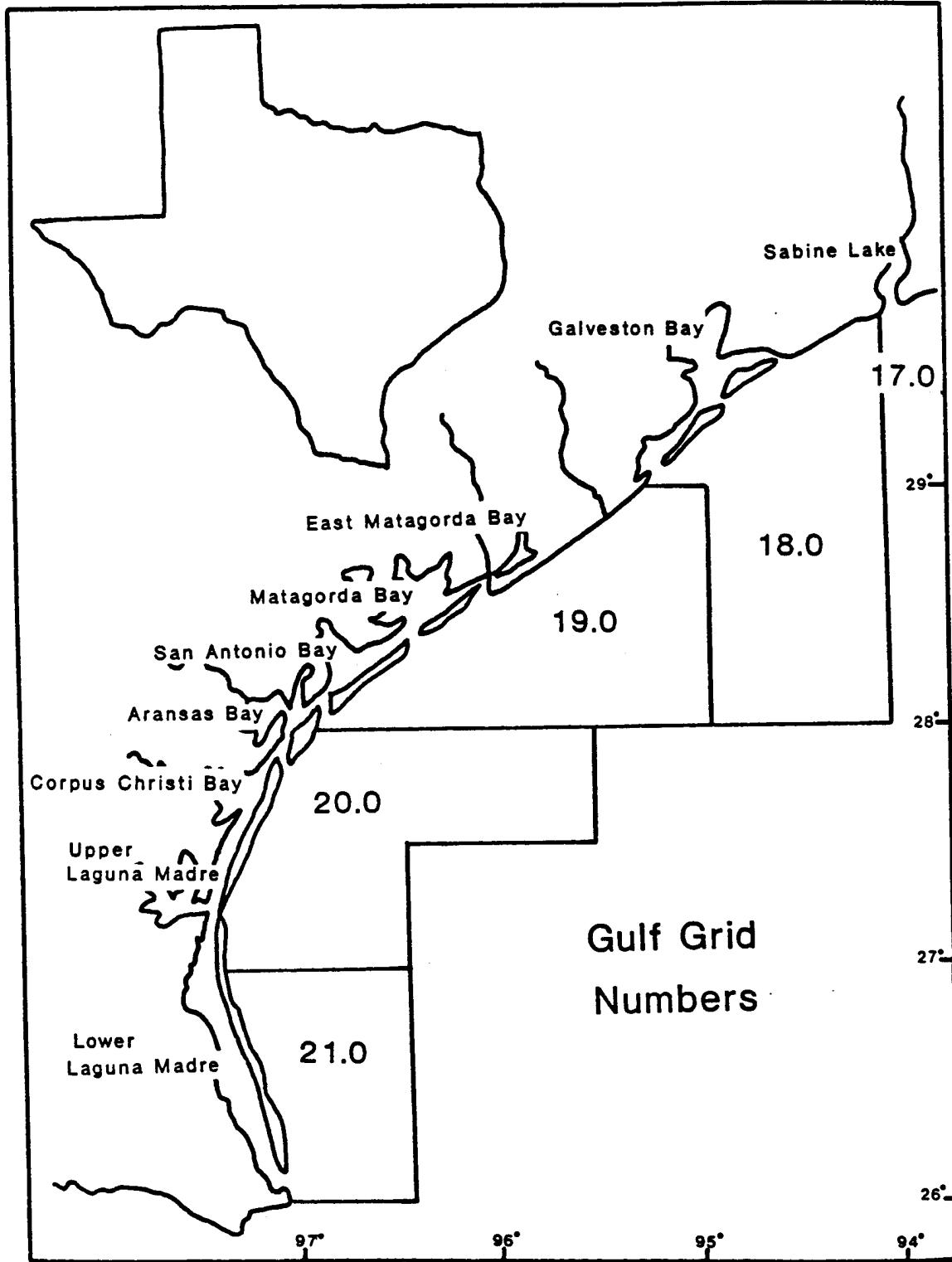


Figure 1. Texas bay systems and Gulf of Mexico grid zones.

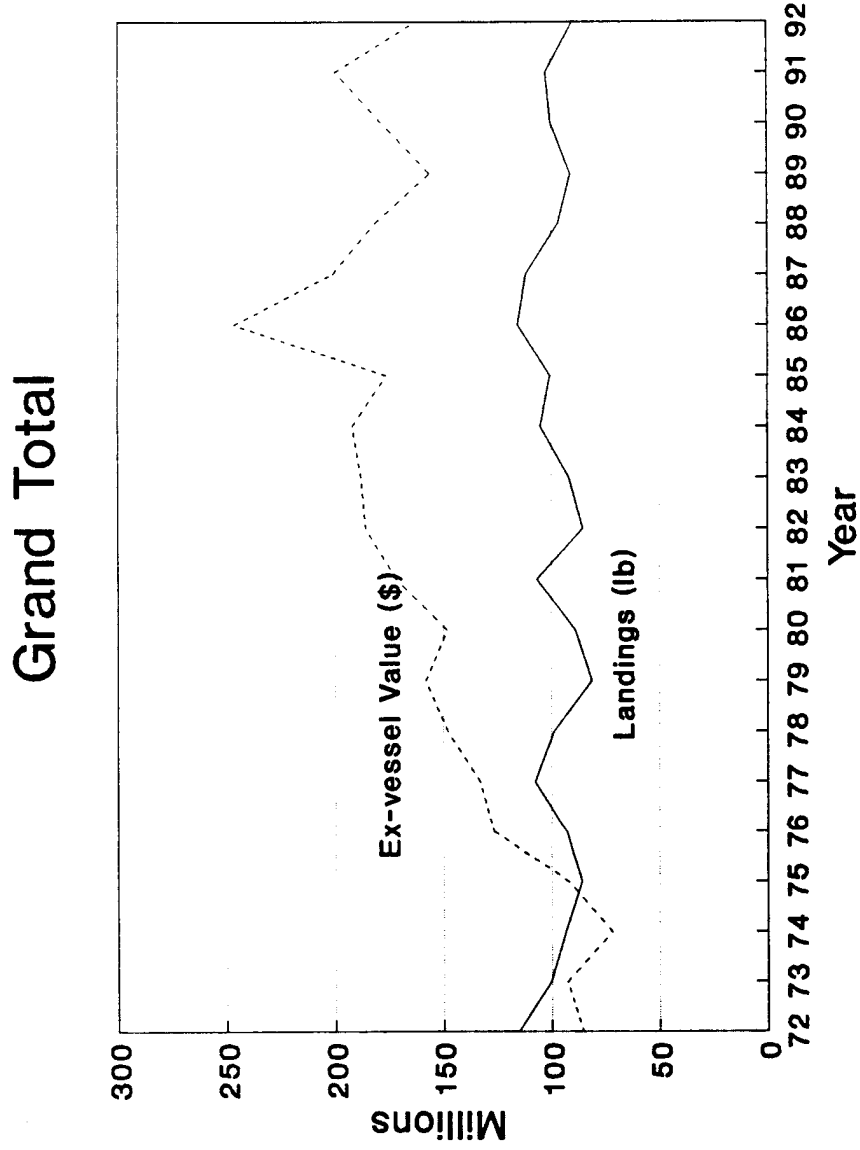


Figure 3. Texas commercial landings (lb) and ex-vessel value (\$) for all seafood from bays and the Gulf of Mexico (grand total), by year for 1972-1992.

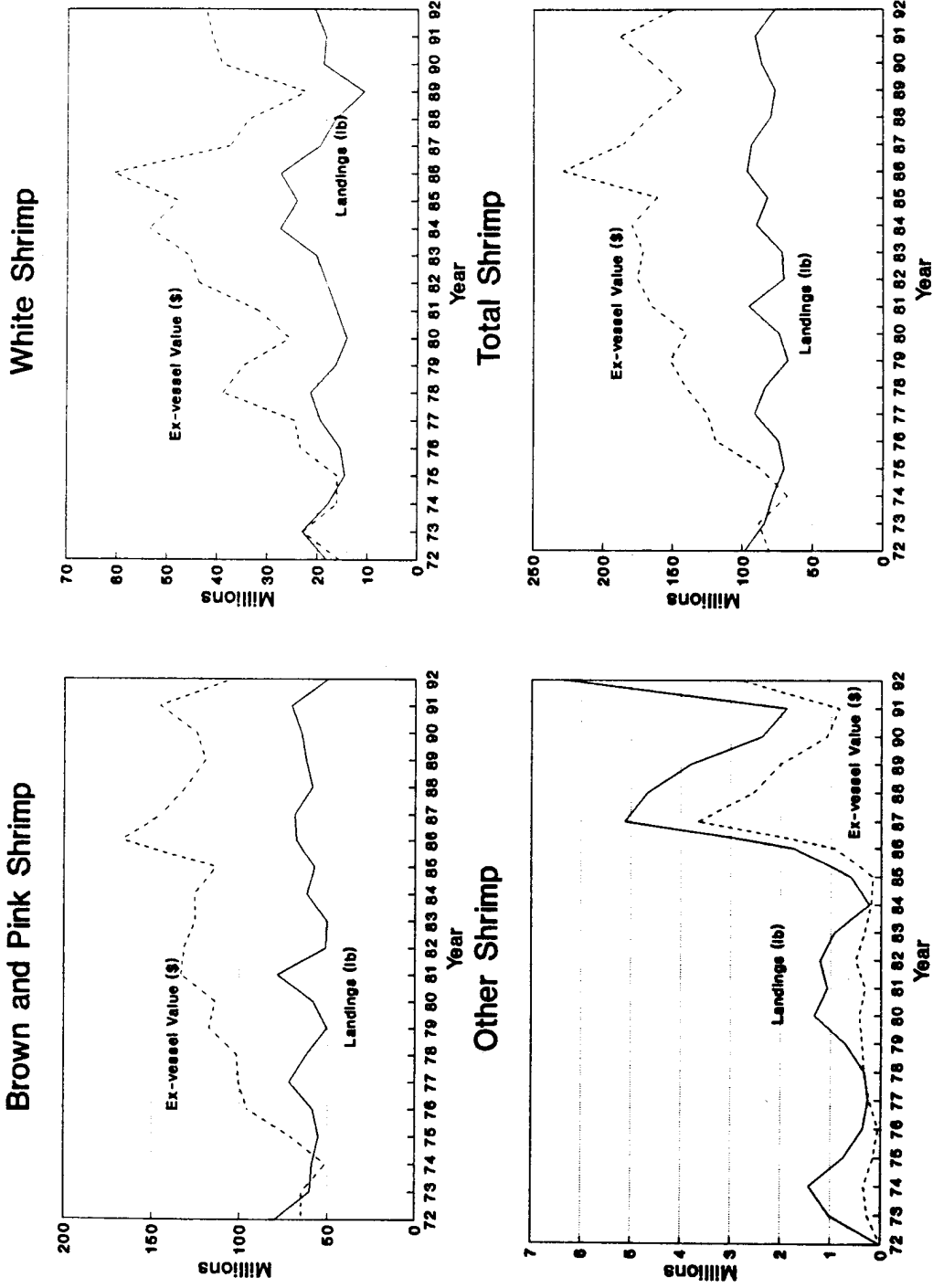


Figure 4. Texas commercial landings (lb) and ex-vessel value (\$) of brown and pink shrimp, white shrimp, other shrimp and total shrimp landed for 1972-1992.

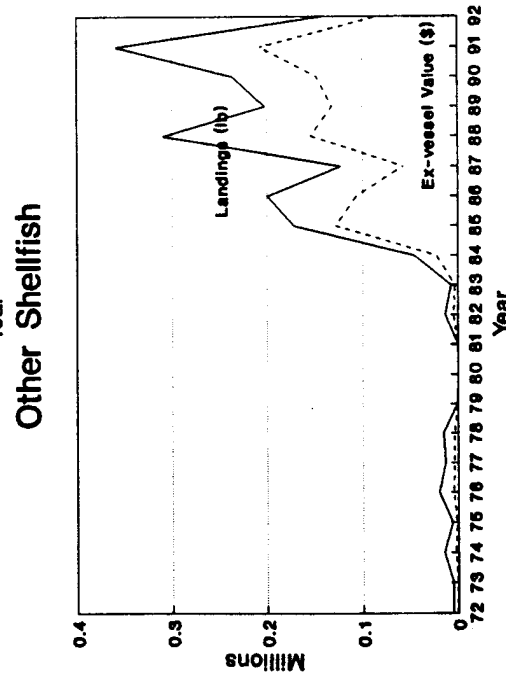
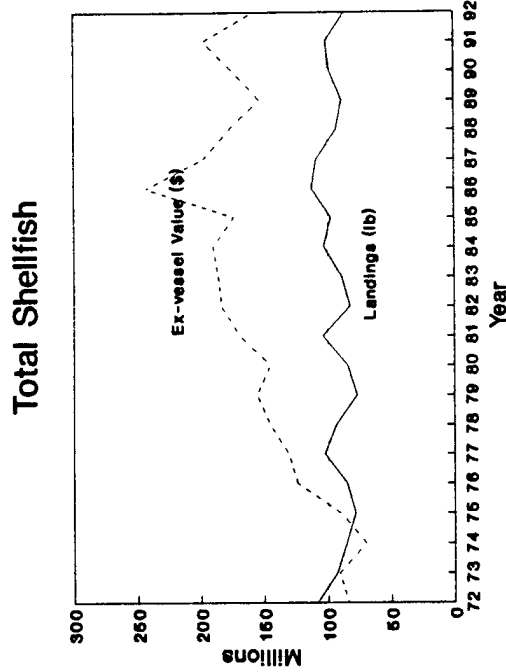
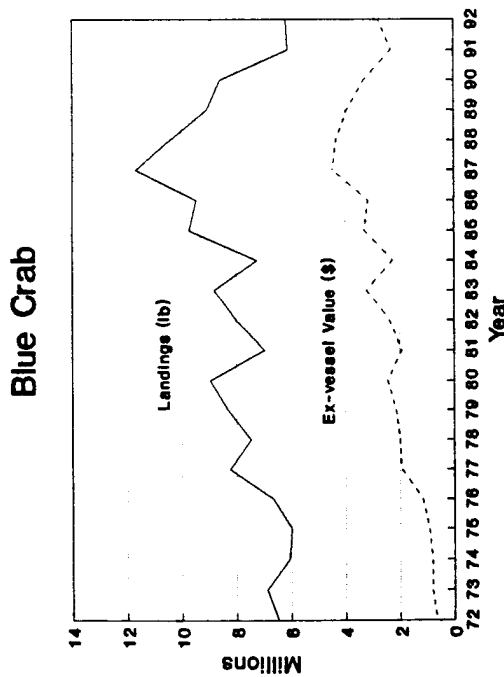
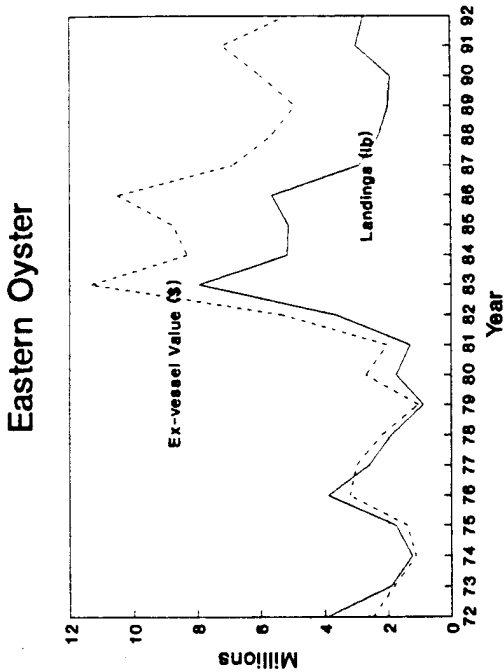


Figure 5. Texas commercial landings (lb) and ex-vessel value (\$) of blue crab, Eastern oyster, other shellfish and total shellfish landed for 1972-1992.

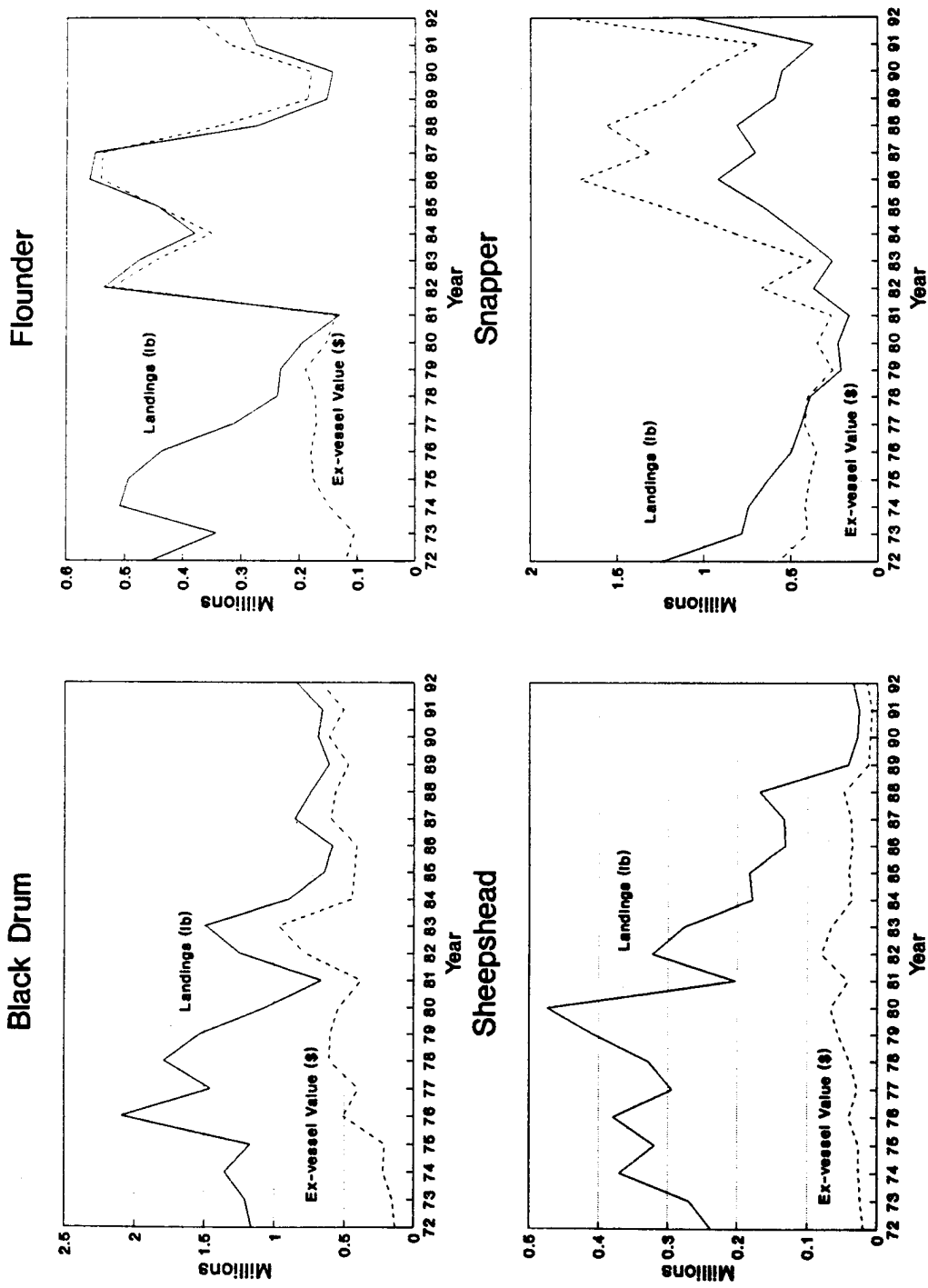


Figure 6. Texas commercial landings (lb) and ex-vessel value (\$) of black drum, flounder, sheepshead, and snapper (all species) landed for 1972-1992.

Total Finfish

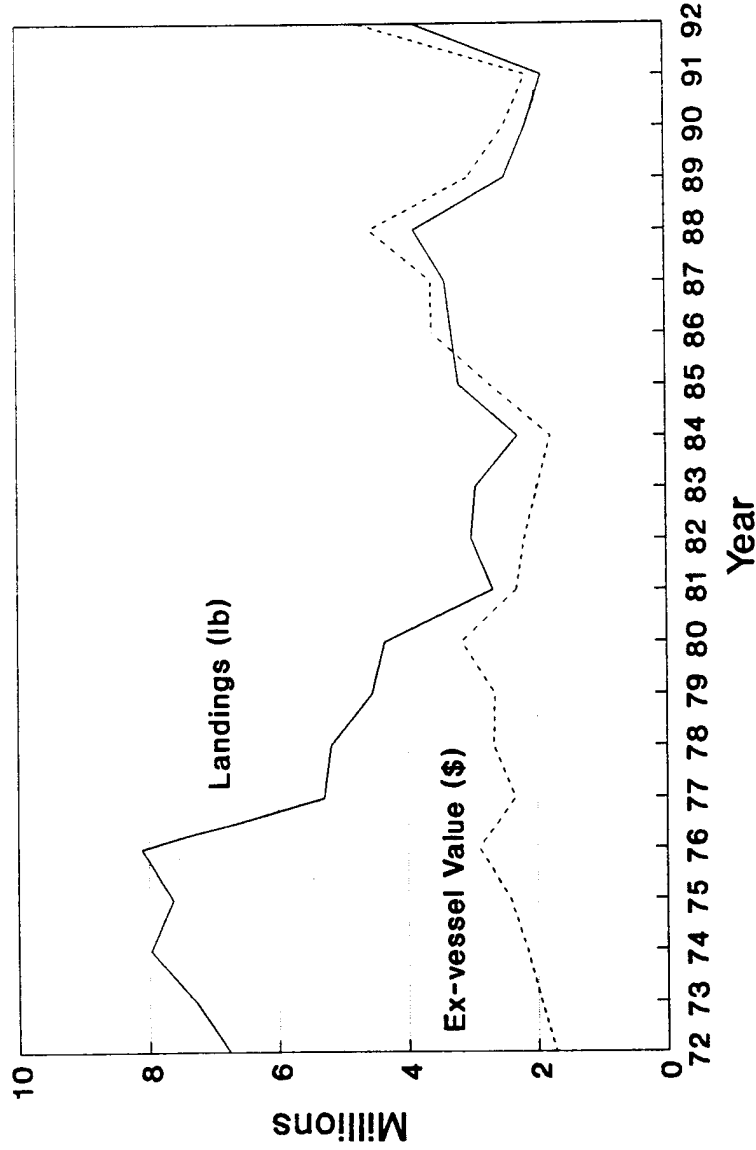


Figure 7. Texas commercial landings (lb) and ex-vessel value (\$) of total finfish for 1972-1992.

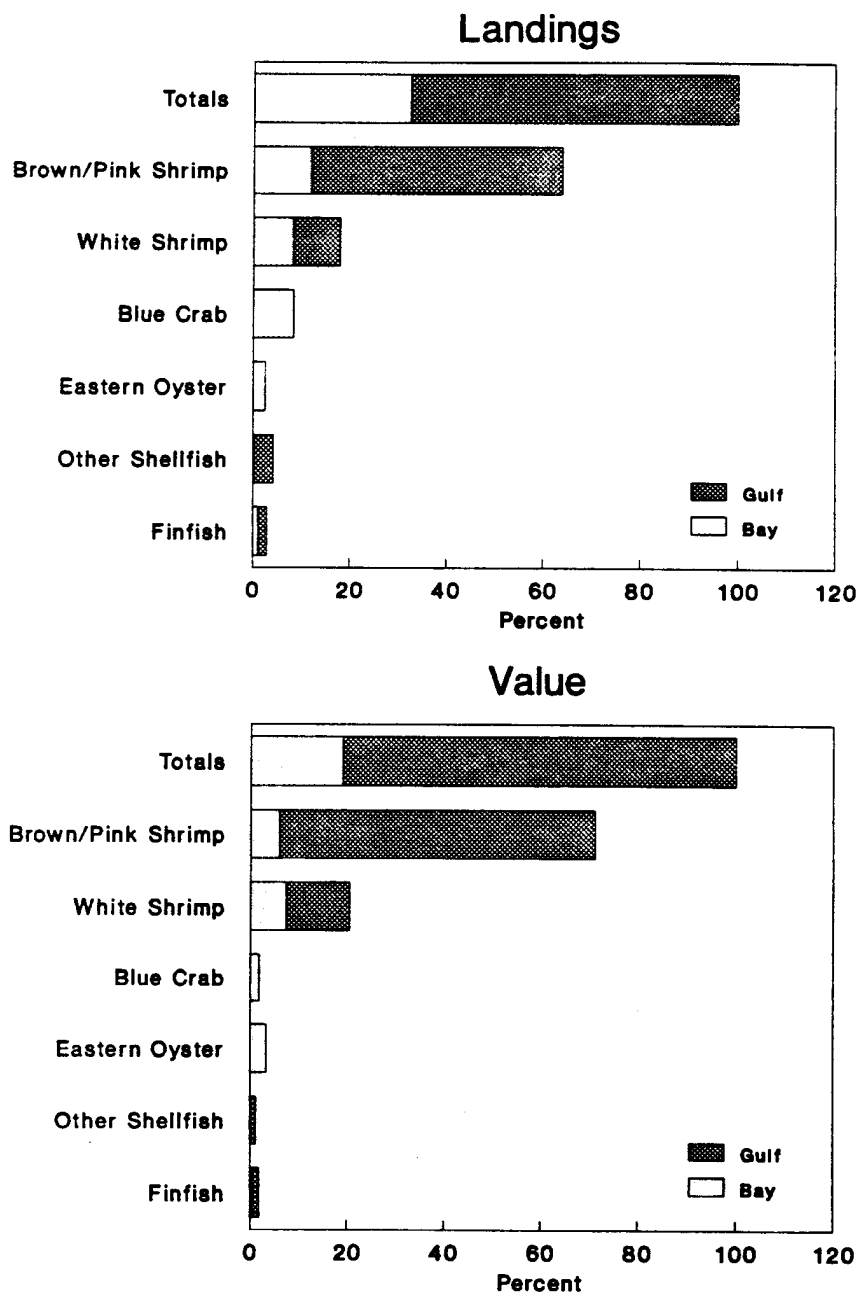


Figure 8. Percent of total coastwide bay and Gulf landings and ex-vessel value contributed by major commercial species groups for the interval 1988-1992.

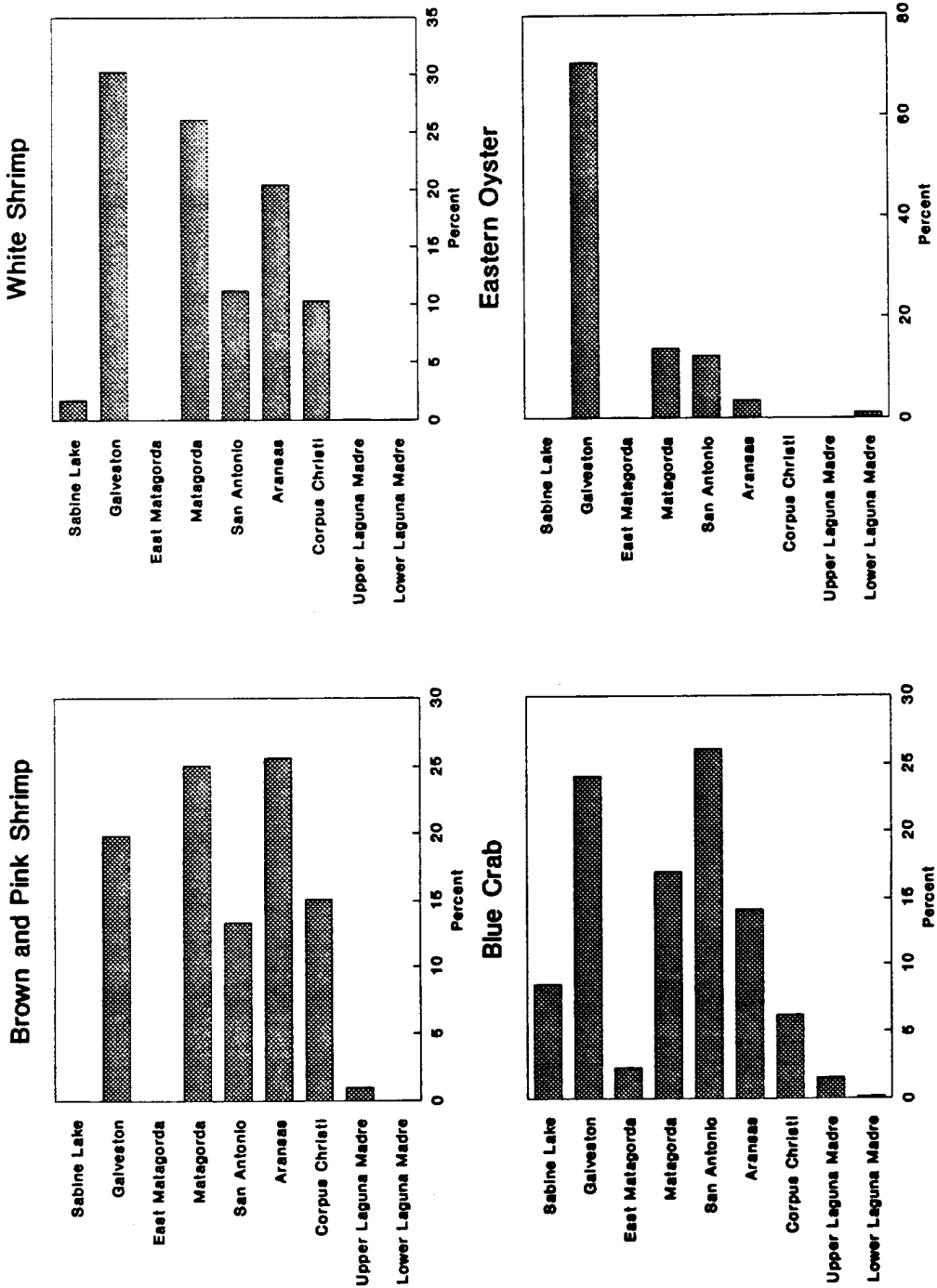


Figure 9. Percent of total landings of brown and pink shrimp, white shrimp, blue crab, and Eastern oysters contributed by each major bay system for the interval 1988-1992.

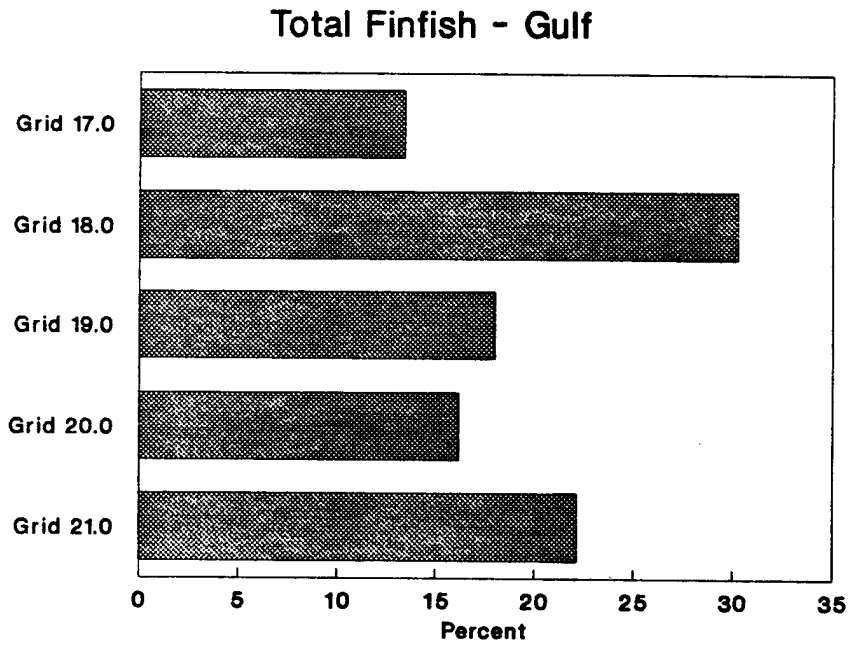
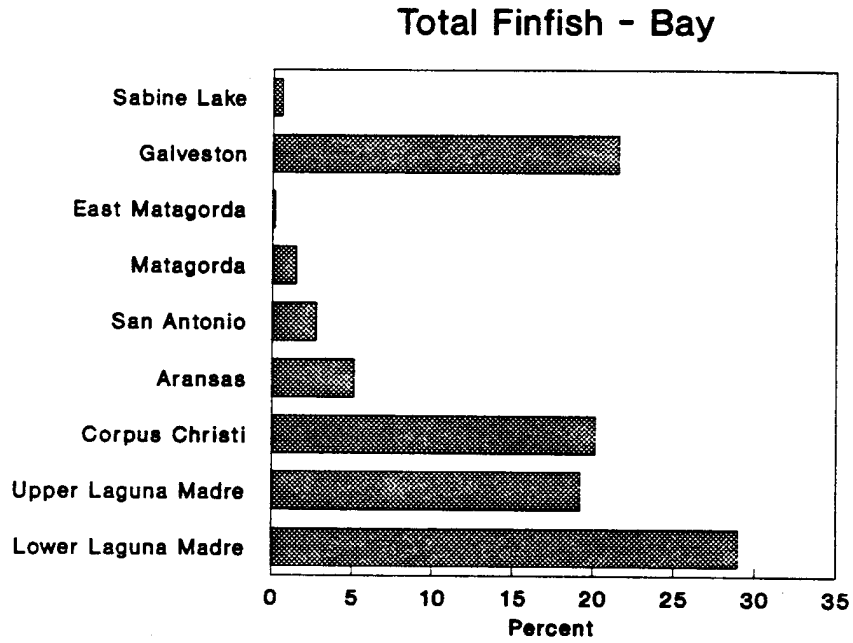


Figure 10. Percent of total finfish landings from bays contributed by each bay system and percent of total finfish landings from the Gulf contributed by each grid zone for the interval 1988-1992.

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, Unclass.	2.63	1.09	1.20
421	Grouper, Unclass.	2.63	1.18	1.43
772	Mackerel, King	2.86	1.11	1.33
681	Mackerel, Spanish	3.03	1.15	1.52
397	Mullet, Unclass.	2.86	1.14	1.45
753	Pompano, Florida	2.63	1.17	1.00
613	Seatrout, Sand	2.86	1.15	1.24
621	Sheepshead	4.00	1.14	1.54
818	Snapper, Red	3.12	1.11	1.54
410	Snapper, Unclass.	3.12	1.11	1.54
538	Swordfish	3.33	1.20	1.39
540	Tuna, Blackfin	3.03	1.11	1.25
544	Tuna, Little	3.03	1.11	1.25
235	Tuna, Unclass.	3.03	1.11	1.25
240	Tuna, Yellowfin	3.03	1.11	1.25
234	Whiting, Unclass.	2.66	1.14	1.45
507	Triggerfish	3.57	1.04	1.72
991	Tilefish	2.94	1.12	1.39
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
547	Wahoo	2.86	1.11	1.33
236	Shark, Unclass.	3.33	1.20	1.39
406	Porgy, Unclass.	3.57	1.04	1.72
594	Snapper, Vermilion	3.12	1.11	1.54
6	Gar, Alligator	2.00	1.00	2.00
465	Gar, Unclass.	2.00	1.00	2.00
232	Scrap, Unclassified	1.00	1.00	1.00

Code	Species	Dozen
434	Killifish, Unclass.	0.12
397	Mullet, Unclass.	0.31
680	Atlantic Cutlassfish	2.64
602	Atlantic Croaker	0.38

^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 1972-1992.

Table B.1. Weight (lb) of each species landed commercially from the Sabine Lake system, 1972-1992.

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

Table B.2. Ex-vessel value (\$) of each species landed commercially from the Sabine Lake system, 1972-1992.

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	0	0	0	0	0	0	0	132066	132066
1973	210	0	0	0	1800	2010	0	0	0	0	0	158433	0	0	158433	160443
1974	0	0	0	0	0	0	0	0	0	0	0	77090	0	0	77090	77090
1975	114	195	117	0	545	971	0	0	0	0	0	96740	0	0	96740	97711
1976	0	73	11	0	1383	1466	0	9317	0	9317	89127	0	0	0	98444	99911
1977	281	424	34	0	569	1308	1098	2529	0	3627	57904	0	0	0	61530	62838
1978	0	165	12	0	23	200	0	4528	0	4528	163288	0	0	0	167817	168016
1979	199	24	168	13	240	645	0	0	0	0	49328	0	0	0	49328	49974
1980	24	43	166	28	1526	1787	1113	37518	1354	39985	24043	0	0	0	64028	65814
1981	79	59	15	6	451	610	8600	38279	0	46879	29575	0	0	0	76454	77064
1982	0	0	0	0	0	0	0	197418	220	197637	43907	0	0	0	241544	241544
1983	196	411	94	0	275	976	0	1029	0	1029	74654	0	0	0	75682	76659
1984	110	161	497	0	0	768	8762	12339	0	21101	204298	0	0	0	225399	226167
1985	462	2025	602	0	375	3464	0	10747	0	10747	231322	0	0	0	242068	245532
1986	104	1958	777	0	429	3268	302	3931	0	4233	456436	72	305	0	461046	464314
1987	61	2523	990	0	1812	5386	374	151207	0	151580	236764	1908	59	0	390310	395696
1988	124	1668	1016	0	1900	4707	8084	279949	309	288342	183957	0	33	0	472332	477038
1989	44	501	997	0	2731	4273	0	109314	0	109314	520764	0	0	0	630078	634350
1990	166	540	625	0	2192	3523	1904	101719	0	103623	201430	0	294	0	305347	308870
1991	431	1442	141	601	857	3472	2621	6429	0	9050	249323	0	29	0	258401	261873
1992	24	2434	29	0	2258	4746	3169	13898	0	17067	169499	0	366	0	186932	191678

Table B.3. Weight (lb) of each species landed commercially from the Galveston Bay system, 1972-1992.

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	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	47565	29344	51677	18349	450654	597569	1801925	3335189	0	5137114	1599474	3289887	11306	10037781	10635350	
1977	102175	14382	21117	3843	313633	455150	2256576	2988766	1600	5246942	1859418	1917532	3335	9027227	9482377	
1978	161887	55173	55504	1946	533184	807694	2066133	3618523	0	5684656	1920886	1076797	3528	8685867	9493561	
1979	73101	46869	72192	46427	263946	502535	1315025	1963252	0	3278277	1953742	43097	162	5275278	5777813	
1980	55999	31477	65844	2251	219843	375414	2317775	3439745	0	5757520	1749057	1004208	0	8510785	8886199	
1981	51936	20637	51376	3985	118039	245973	1991873	2655307	0	4647180	610228	985411	0	6242819	6488792	
1982	72524	197762	125942	118907	188244	703379	1646158	3459392	0	5105550	1216137	3253765	9942	9585394	10288773	
1983	53458	134968	64568	82523	155077	490594	1493414	2773657	0	4267071	1407572	6967064	2277	12643984	13134578	
1984	269046	127753	74948	50296	63748	585791	2558708	3604281	0	6162989	1396583	2360205	8340	9928117	10513908	
1985	114591	152367	50581	130550	179245	627334	1651048	2638555	0	4289603	2167937	3285112	12380	9755032	10382366	
1986	31279	137488	34354	61460	159914	424495	2043085	4108323	1452	6152860	3018610	3541048	47377	12759895	13184390	
1987	50863	222718	35094	27963	106707	443345	3091385	3811662	1441	6904488	2786933	2174865	40565	11906851	12350196	
1988	61297	47299	73893	64553	247983	495025	3454171	3085281	2889	6542341	3118874	1452365	56193	11169773	11664798	
1989	21821	14588	16189	108024	60482	221104	2249442	1806689	0	4056132	2149496	705490	13440	6924558	7145662	
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	13762	21888	93544	162834	2415390	2615129	0	5030519	843983	2623372	58275	8556149	8718983	

Table B.4. Ex-vessel value (\$) of each species landed commercially from the Galveston Bay system, 1972-1992.

Year	Finfish										Shellfish					Grand Total
	Black drum	Flounder	Sheeps-head	Mullet	Other	Total	Shrimp			Blue Crab	Eastern Oyster	Other	Total			
							Brown and Pink	White	Other							
1972	7970	6184	3000	2849	51524	71527	454365	1875965	0	2330330	191653	2094463	335	4616781	4688309	
1973	12652	3734	6434	3385	107808	134012	604042	3005149	0	3609192	255094	1587159	280	5451725	5585737	
1974	3721	6716	3284	1463	110438	125623	378833	1100700	35	1479568	273301	753289	779	2506937	2632560	
1975	8774	8489	4694	627	134391	156976	184639	2075965	0	2260604	287015	957345	472	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	25168	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	2096197	8754	6282792	6351987	
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	4894	6141	41391	93136	1823066	3665515	0	5488581	420684	4958379	31560	10899204	10992340	

Table B.5. Weight (lb) of each species landed commercially from the Matagorda Bay system, 1972-1992.

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

Table 8.6. Ex-vessel value (\$) of each species landed commercially from the Matagorda Bay system, 1972-1992.

Year	Finfish				Shellfish							Grand Total			
	Black drum	Flounder	Sheeps-head	Mullet	Shrimp			Blue Crab	Eastern Oyster	Other	Total				
					Other	Total	Brown and Pink						White	Other	Total
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	3211	541	0	41372	50729	1663154	2622549	0	4285703	105058	495533	0	4886294	4937024
1981	3319	683	55	938	19951	24946	955878	2233389	0	3189267	95838	130347	0	3415451	3440397
1982	1213	9457	432	281	55	11439	1471574	4017104	0	5488678	209955	389589	20	6088242	6099681
1983	1312	15704	144	623	360	18143	3973045	5708136	0	9681181	245017	264756	55	10191009	10209152
1984	409	20303	297	1760	2939	25708	1933896	3852313	260	5786468	302471	732035	2493	6823468	6849176
1985	3789	33438	1865	10126	9850	59067	1389730	4015136	677	5405543	338767	198719	3879	5946907	6005975
1986	6625	34204	674	4831	819	47153	2432683	6228562	0	8661245	371888	597832	21962	9652927	9700080
1987	6792	20653	258	3340	666	31709	3540484	4203314	2683	7746481	366003	368771	2750	8484004	8515713
1988	1722	3589	207	0	130	5648	2165625	3021325	0	5186950	361712	1023267	10109	6582038	6587687
1989	465	7690	482	4	1668	10309	2662661	1803733	0	4466394	951304	1766740	10341	7194778	7205087
1990	282	4521	497	90	6479	11870	2146634	6535605	0	8682239	844342	179638	4993	9711213	9723082
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

Table B.7. Weight (lb) of each species landed commercially from the East Matagorda Bay system, 1972-1992.

Year	Finfish					Shellfish							Grand Total		
	Black drum	Flounder	Sheeps-head	Mullet	Other	Total	Shrimp			Blue Crab	Eastern Oyster	Other		Total	
							Brown and Pink White	Other	Total						
1972	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

Table B.8. Ex-vessel value (\$) of each species landed commercially from the East Matagorda Bay system, 1972-1992.

Year	Finfish										Shellfish					Grand Total
	Black drum					Sheeps-head					Shrimp					
	Flounder	Mullet	Other	Total	Brown and Pink	White	Other	Total	Blue Crab	Eastern Oyster	Other	Total				
1972	1790	561	288	24082	0	6161	0	6161	42199	31473	0	79833	103916			
1973	1904	679	658	32880	0	50950	0	50950	100831	8183	0	159963	192843			
1974	649	521	195	15565	0	0	0	0	49863	11820	0	61683	77249			
1975	1068	4422	524	25213	0	0	0	0	87211	6540	0	93751	118964			
1976	1588	3016	724	32510	0	0	0	0	78574	2163	0	80737	113247			
1977	2556	2112	706	30950	0	0	0	0	75881	1224	0	77105	108055			
1978	2758	2275	551	28112	0	0	0	0	66481	792	0	67273	95385			
1979	2653	612	486	21876	0	0	0	0	48079	38020	0	86099	107974			
1980	1768	390	207	37909	0	0	0	0	123062	3861	0	126923	164832			
1981	905	342	34	11713	0	0	0	0	23578	43804	0	67381	79094			
1982	1455	10813	1087	15833	0	0	0	0	189697	0	0	189697	205530			
1983	316	8384	117	9102	0	0	0	0	157133	26985	0	184118	193220			
1984	142	3189	99	3551	0	0	0	0	73935	96488	519	170941	174492			
1985	0	54	0	54	0	0	0	0	37847	4221	0	42068	42122			
1986	0	0	0	0	0	0	0	0	900	0	0	900	900			
1987	2559	4031	54	6671	0	0	0	0	69	2294	0	2363	9034			
1988	650	1362	99	2276	0	0	0	0	85108	1836	81	87025	89300			
1989	0	5364	0	6143	0	0	0	0	113861	1696	159	115716	121859			
1990	0	599	0	599	0	2693	0	2693	3797	35727	0	42217	42815			
1991	0	716	1	717	0	0	0	0	130669	468	0	131137	131854			
1992	0	442	1	922	0	0	0	0	58459	0	9325	67784	68706			

Table B.9. Weight (lb) of each species landed commercially from the San Antonio Bay system, 1972-1992.

Year	Finfish				Shellfish							Grand Total			
	Black drum	Flounder	Sheeps-head	Mullet	Shrimp			Blue Crab	Eastern Oyster	Other	Total				
					Total	Brown and Pink	White								
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	1423660	1937344	4287	5224234	5259108
1985	7934	14298	9576	615	3757	36180	1205250	680398	0	1885648	2987746	1500363	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

Table B.10. Ex-vessel value (\$) of each species landed commercially from the San Antonio Bay system, 1972-1992.

Year	Finfish				Shellfish							Grand Total			
	Black drum	Flounder	Sheeps-head	Mullet	Shrimp			Blue Crab	Eastern Oyster	Other	Total				
					Other	Total	Brown and Pink White								
1972	3066	2035	1443	72	31830	38445	15164	544878	0	560042	99539	218550	15	878146	916590
1973	6907	2258	2107	270	58503	70046	134617	608203	0	742820	106190	153089	0	1002099	1072145
1974	15720	11190	1110	0	95969	123989	16350	408548	0	424898	152447	189627	0	766972	890961
1975	16363	8609	2532	785	122533	150822	123122	495501	0	618623	243632	127131	0	989385	1140207
1976	13058	12319	3332	0	130172	158881	93638	526871	0	620509	389108	267512	0	1277128	1436009
1977	9625	8966	757	38	73260	92646	74220	975470	0	1049689	506153	428621	8	1984471	2077116
1978	9020	9332	1595	82	63089	83119	221690	613293	0	834983	504865	661879	0	2001727	2084846
1979	3229	4831	1135	0	57783	66977	570771	1149736	0	1720507	723938	686703	0	3131148	3198125
1980	8362	9856	1031	0	133634	152884	1028620	775524	0	1804144	802171	503256	0	3109570	3262454
1981	5445	13066	736	1519	69713	90479	461439	537989	0	999428	797728	194684	0	1991840	2082319
1982	194	10192	66	0	0	10451	663891	687224	0	1351116	653508	63737	0	2068361	2078812
1983	4300	7521	678	65	212	12775	1307198	638400	0	1945597	1021105	908939	35	3875676	3888452
1984	5754	11046	2464	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	1379	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	1894.7	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

Table B.11. Weight (lb) of each species landed commercially from the Aransas Bay system, 1972-1992.

Year	Finfish				Shellfish							Grand Total			
	Black drum	Flounder	Sheeps-head	Mullet	Shrimp			Blue Crab	Eastern Oyster	Other	Total				
					Total	Brown and Pink	White								
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	40555	6646	1281	2169	76289	1572490	2726912	0	4299402	1010959	0	12858	5323219	5399508

Table B.12. Ex-vessel value (\$) of each species landed commercially from the Aransas Bay system, 1972-1992.

Year	Finfish				Shellfish							Grand Total			
	Black drum	Flounder	Sheeps-head	Mullet	Shrimp			Blue Crab	Eastern Oyster	Other	Total				
					Brown and Pink	White	Other								
Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	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	33522	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	1496129	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	27	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	337598	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	63626	3915	3091	2069	89428	1773541	4242874	0	6016415	403084	0	9610	6429109	6518537

Table B. 13. Weight (lb) of each species landed commercially from the Corpus Christi Bay system, 1972-1992.

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	118863	73	169306	535218	738572	567956	0	1306528	102750	0	0	1409278	1944496	
1978	400845	44879	128860	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	93285	11518	123	32960	438596	2441301	1238485	0	3679786	517958	0	22189	4219933	4658529	

Table B.14. Ex-vessel value (\$) of each species landed commercially from the Corpus Christi Bay system, 1972-1992.

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	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	46355317	4873175	
1991	129487	62426	1733	853	15336	209834	2730046	1795222	215	4525483	46555	1152	3935	4577125	4786959	
1992	291765	118072	5757	281	26169	442042	3117212	2185973	0	5303185	256093	0	17198	5576476	6018518	

Table B.15. Weight (lb) of each species landed commercially from the upper Laguna Madre system, 1972-1992.

Year	Finfish					Shellfish							Grand Total		
	Black drum	Flounder	Sheeps-head	Mullet	Other	Shrimp			Blue Crab	Eastern Oyster	Other	Total			
						Brown and Pink	White	Other							
Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	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	26	66	199974	175182	300	0	175483	472643	0	0	648126	848100

Table B.16. Ex-vessel value (\$) of each species landed commercially from the upper Laguna Madre system, 1972-1992.

Year	Finfish										Shellfish					Grand Total
	Black drum	Flounder	Sheeps-head	Mullet	Other	Total	Shrimp			Blue Crab	Eastern Oyster	Other	Total			
							Brown and Pink White	Other	Total							
1972	62999	2866	2803	61	154183	222913	177	10190	0	10367	427	0	0	10794	233707	
1973	48924	628	1932	75	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	

Table B.17. Weight (lb) of each species landed commercially from the lower Laguna Madre system, 1972-1992.

Year	Finfish				Shellfish						Grand Total				
	Black drum	Flounder	Sheeps-head	Mullet	Shrimp			Blue Crab	Eastern Oyster	Other					
					Brown and Pink	White	Other								
Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total					
1972	280428	14612	19032	0	960232	1274304	0	0	0	0	1190	0	1190	1275494	
1973	252639	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	3606	837	57954	423275

Table B. 18. Ex-vessel value (\$) of each species landed commercially from the lower Laguna Madre system, 1972-1992.

Year	Finfish					Shellfish					Grand Total				
	Black drum	Flounder	Sheeps-head	Mullet	Other	Shrimp			Blue Crab	Eastern Oyster		Other			
						Total	Brown and Pink White	Other							
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	24367	672	0	3542	150995	0	0	0	0	86400	11732	4080	102212	253206
1986	85440	7733	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	4929	374	28259	261443

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 1972-1992.

Table C.1. Weight (lb) of each species, except shrimp, landed commercially from the Gulf of Mexico grid zone 17.0 during 1972-1992.

Year	Finfish										Shellfish			Grand Total
	Black drum	Flounder	Sheeps-head	Mullet	Cobia	Grouper	Snapper	Other	Total	Blue crab	Other	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	5482	177	200	42504	2693	55781	7257	37	7294	63075	

Table C.2. Ex-vessel value (\$) of each species, except shrimp, landed commercially from the Gulf of Mexico grid zone 17.0 during 1972-1992.

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	2224	106	0	0	0	9062	377	11840	2545	60	2605	14444	
1984	94	3314	37	0	0	328	11049	169	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	1532	188	312	80794	815	88185	3827	37	3863	92049	

Table C.3. Weight (lb) of each species, except shrimp, landed commercially from the Gulf of Mexico grid zone 18.0 during 1972-1992.

Year	Finfish										Shellfish			Grand Total
	Black drum	Flounder	Sheeps-head	Mullet	Cobia	Grouper	Snapper	Other	Total	Blue crab	Other	Total		
													Total	
1972	24214	106855	50831	8747	18509	17916	138002	325982	691056	14405	2462	16867	707923	
1973	18278	83295	29712	10403	14717	22056	104610	587785	870856	75010	904	75914	946770	
1974	9460	89370	40897	38735	12511	21612	152343	360570	725498	39804	10134	49938	775436	
1975	7992	67940	26598	527	17807	20999	111594	348137	601594	37960	3630	41590	643184	
1976	12269	68404	33715	225	17651	20945	110194	318080	581483	19771	4941	24712	606195	
1977	28861	55084	24444	535	13865	8158	97198	267071	495216	11038	7813	18851	514067	
1978	4955	32429	8924	1340	10124	17470	100449	123241	298932	502	11164	11666	310598	
1979	14324	20653	17147	2753	5629	7020	62133	189101	318760	417	577	994	319754	
1980	7181	35081	4856	1076	1700	13957	58750	73282	195883	485	0	485	196368	
1981	4900	16644	6657	9701	8289	4796	21231	25944	98162	519	0	519	98681	
1982	4683	56556	15794	3204	15532	10477	97911	33332	237489	121	1310	1431	238920	
1983	2137	37650	2264	19922	6997	6876	97665	14115	187626	26709	1288	27997	215623	
1984	3048	32968	7403	9350	5542	5822	50802	17010	131945	26378	13380	39758	171703	
1985	5452	27510	8062	39653	1097	14389	104567	65428	266158	21566	7031	28597	294755	
1986	2132	19608	7013	3621	6260	30075	314680	139110	522499	40587	3656	44243	566742	
1987	2269	6296	8200	710	1964	172058	294123	251351	736971	2816	6989	9805	746776	
1988	1135	1748	2175	0	757	169093	180803	135070	490781	8126	618	8744	499525	
1989	118	7747	3010	2498	1977	90066	173502	153270	432188	553451	52	553503	985691	
1990	89	5438	100	30	421	24783	143628	55766	230255	5447	1182	6629	236884	
1991	626	7704	427	10232	500	19343	112694	16350	167876	806	2251	3057	170933	
1992	9597	10392	40	6953	5484	56931	564935	541584	1195916	119	3594	3713	1199629	

Table C.4. Ex-vessel value (\$) of each species, except shrimp, landed commercially from the Gulf of Mexico grid zone 18.0 during 1972-1992.

Year	Finfish										Shellfish			Grand Total
	Black drum	Flounder	Sheeps-head	Mullet	Cobia	Grouper	Snapper	Other	Total	Blue crab	Other	Total		
	1972	2883	29901	4890	467	2287	2221	67045	55107	164802	1141	348	1489	
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	2218	4417	234411	
1978	1095	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	4177	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	3677	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	985184	714469	1813842	34	1872	1907	1815748	

Table C-5. Weight (lb) of each species, except shrimp, landed commercially from the Gulf of Mexico grid zone 19.0 during 1972-1992.

Year	Finfish										Shellfish			Grand Total
	Black drum	Flounder	Sheeps-head	Mullet	Cobia	Grouper	Snapper	Other	Total	Blue crab	Other	Total		
													Total	
1972	10274	99502	8240	3000	4089	10048	239890	100327	475370	0	199	199	475569	
1973	22703	93619	9973	38274	519	23865	206663	295491	691107	0	1555	1555	692662	
1974	13966	101183	5185	15966	7491	13826	173127	263607	594351	156	344	500	594851	
1975	4686	89944	4378	1566	7487	12549	134793	138587	393990	0	555	555	394545	
1976	21860	65359	7678	17424	8741	15340	134083	92422	362907	0	1133	1133	364040	
1977	10039	33124	1953	239	4142	3538	57780	24557	135372	137	532	669	136041	
1978	4464	6646	663	577	3236	10972	69671	7143	103372	0	50	50	103422	
1979	8555	1208	1969	26066	2045	2698	41243	55955	139739	0	0	0	139739	
1980	591	2265	1700	3330	540	5214	70449	17191	101280	0	0	0	101280	
1981	1356	609	102	0	5414	10848	49586	13852	81767	0	0	0	81767	
1982	470	19412	848	0	8578	29583	153504	9057	221452	0	0	0	221452	
1983	3042	25268	691	72	10200	22364	81760	20768	164165	2611	2128	4739	168904	
1984	1204	24865	403	420	6374	13258	134083	68331	248938	0	4151	4151	253089	
1985	2544	17593	772	0	2861	117476	116553	162669	420468	7216	4725	11941	432409	
1986	893	4375	118	0	1263	40971	80065	122677	250362	6000	2816	8816	259178	
1987	1297	24006	43	0	4561	14571	44147	37504	126129	14409	1767	16176	142305	
1988	3307	28861	1035	671	2470	148631	185730	147817	518522	43563	3250	46813	565335	
1989	2022	30440	982	202	5724	101148	116428	93976	350922	1857	3636	5493	356415	
1990	4676	38353	1007	132	6060	39625	118803	49594	258250	283	5270	5553	263803	
1991	259	26121	619	70	5907	28902	71473	27858	161209	0	2067	2067	163276	
1992	5235	25223	184	0	1266	26176	126496	24973	209553	0	5096	5096	214649	

Table C.6. Ex-vessel value (\$) of each species, except shrimp, landed commercially from the Gulf of Mexico grid zone 19.0 during 1972-1992.

Year	Finfish										Shellfish			Grand Total
	Black drum	Flounder	Sheeps-head	Mullet	Cobia	Grouper	Snapper	Other	Total	Blue crab	Other	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	96	96	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	2992	658	289	2002	460	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	11	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	129	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	18222	354504	0	2482	2482	356986	

Table C.7. Weight (lb) of each species, except shrimp, landed commercially from the Gulf of Mexico grid zone 20.0 during 1972-1992.

Year	Finfish							Shellfish			Grand Total		
	Black drum	Flounder	Sheeps-head	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	58	107	51268	132179	46301	230377	0	781	781	231158

Table C.8. Ex-vessel value (\$) of each species, except shrimp, landed commercially from the Gulf of Mexico grid zone 20.0 during 1972-1992.

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	791	0	125	72	22	1397	4723	8124	0	0	0	8124	
1974	613	638	4	225	0	0	139	11486	13105	0	0	0	13105	
1975	153	475	2	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	54	128	70050	251835	33003	355451	0	324	324	355776	

Table C.9. Weight (lb) of each species, except shrimp, landed commercially from the Gulf of Mexico grid zone 21.0 during 1972-1992.

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	35660	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	302655	531941	43	3082	3125	535066	

Table C.10. Ex-vessel value (\$) of each species, except shrimp, landed commercially from the Gulf of Mexico grid zone 21.0 during 1972-1992.

Year	Finfish										Shellfish			Grand Total
	Black drum	Flounder	Sheeps-head	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	1442	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	2644	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	293	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	1178	683923	
1989	79	772	2066	0	551	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	624215	867425	8	1836	1844	869269	

Appendix D. Monthly commercial finfish and shellfish landings (lb) and ex-vessel value (\$) by bay system for Texas bays during 1992.

Table D.1. Weight (lb) of each species landed commercially from the Sabine Lake system during 1992.

Species	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
FINFISH													
Black drum	0	0	0	0	0	0	0	0	0	0	0	34	34
Flounder, unclassified	0	315	516	636	355	0	0	0	0	0	62	150	2034
Gafftopsail catfish	0	0	0	0	28	0	0	0	0	0	0	0	28
Kingfish, unclassified	0	82	2575	2099	2366	34	0	17	0	0	0	43	7216
Others, unknown	0	0	0	508	76	0	0	0	0	0	0	0	584
Sheepshead	0	30	0	0	0	11	0	23	0	0	29	26	119
Total finfish	0	427	3091	3243	2825	45	0	40	0	0	91	253	10015
SHELLFISH													
Shrimp (heads on)	0	0	0	0	980	0	1916	0	0	0	0	0	2896
Shrimp, brown	0	1819	0	581	12201	388	484	0	0	0	2515	1323	19310
Shrimp, white	0	1819	0	581	13182	388	2399	0	0	0	2515	1323	22206
Total shrimp													
Crab, blue	391	2350	754	6839	11423	39960	10224	12428	10437	70205	60309	40988	266308
Squid, unclassified	0	167	314	100	51	0	0	28	0	8	0	0	668
Total shellfish	391	4336	1068	7520	24656	40348	12623	12456	10437	70213	62824	42311	289182
Grand Total	391	4763	4159	10763	27481	40393	12623	12496	10437	70213	62915	42564	299197

Table D.2. Ex-vessel value (\$) of each species landed commercially from the Sabine Lake system during 1992.

Species	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
FINFISH													
Black drum	0	0	0	0	0	0	0	0	0	0	0	24	24
Flounder, unclassified	0	379	593	789	430	0	0	0	0	0	56	188	2434
Gafftopsail catfish	0	0	0	0	6	0	0	0	0	0	0	0	6
Kingfish, unclassified	0	22	669	546	758	9	0	7	0	0	0	11	2023
Others, unknown	0	0	0	127	103	0	0	0	0	0	0	0	230
Sheepshead	0	8	0	0	0	2	0	5	0	0	8	7	29
Total finfish	0	409	1263	1461	1296	11	0	13	0	0	64	229	4746
SHELLFISH													
Shrimp (heads on)	0	0	0	0	983	0	2186	0	0	0	0	0	3169
Shrimp, brown	0	1695	0	823	7973	430	945	0	0	0	1397	635	13898
Shrimp, white	0	1695	0	823	8956	430	3131	0	0	0	1397	635	17067
Total shrimp	196	1175	368	3401	5686	26433	4601	5577	4905	47435	41030	28692	169499
Crab, blue	0	84	157	50	31	0	0	35	0	10	0	0	366
Squid, unclassified	196	2954	525	4274	14673	26863	7732	5612	4905	47445	42427	29327	186932
Total shellfish	196	3362	1788	5735	15969	26875	7732	5624	4905	47445	42491	29555	191678
Grand Total	196	3362	1788	5735	15969	26875	7732	5624	4905	47445	42491	29555	191678

Table D.3. Weight (lb) of each species landed commercially from the Galveston Bay system during 1992.

Species	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
FINFISH													
Atlantic croaker	23	0	543	889	1361	8	2324	1359	3276	2304	650	738	13475
Atlantic cutlassfish	0	0	0	24	10	101	56	5	130	38	0	0	364
Black drum	250	61	27	68	70	106	44	669	524	335	1227	1549	4930
Dolphin	0	0	0	0	0	72	0	0	0	0	0	0	72
Flounder, unclassified	4	11	82	582	1236	753	957	1374	2478	4648	14210	2375	28710
Gafftopsail catfish	0	0	510	306	13	1576	216	837	3328	1707	0	0	8493
Herring, unclassified	0	0	85	134	11653	10779	8038	7258	10843	7933	1968	0	58691
Kingfish, unclassified	408	23	140	72	703	2	586	191	229	95	412	557	3418
Kingfish, Southern	0	0	0	0	0	0	0	0	53	0	0	0	53
Mullet, unclassified	97	26	495	8331	3666	1363	677	4338	1160	1426	255	54	21888
Others, unknown	0	0	22	63	174	73	139	95	203	348	341	60	1518
Pigfish	0	0	5	0	0	0	0	0	0	0	0	0	5
Seatrout, sand	0	0	29	0	0	7	40	0	65	56	38	0	235
Sheepshead	0	445	84	3698	2244	536	103	1844	312	2710	1337	449	13762
Unclassified food	0	0	0	0	25	102	228	88	196	99	265	0	1003
Unclassified scrap	0	0	15	116	1156	2202	508	672	678	801	30	39	6217
Total finfish	782	566	2037	14283	22311	17680	13916	18730	23475	22500	20733	5821	162834
SHELLFISH													
Shrimp (heads on)	0	0	0	0	439752	1112367	835547	5223	15936	4873	169	0	2413867
Shrimp, brown	0	0	0	0	1523	0	0	0	0	0	0	0	1523
Shrimp, pink	8398	6305	11681	70152	175866	41725	29343	852927	573901	474897	349275	20659	2615129
Shrimp, white	8398	6305	11681	70152	617142	1154091	864890	858150	589837	479771	349444	20659	5030519
Total shrimp													
Crab, blue	16289	22269	21157	51394	128990	90439	133536	104203	86596	100221	65474	23415	843983
Crab, stone	188	1100	880	400	2000	1284	2644	3000	2416	1892	1360	3084	20248
Oyster, Eastern	155739	83413	141353	193783	103776	151657	128575	148717	128768	174496	779753	433342	2623372
Squid, unclassified	0	0	373	67	4972	2115	2507	4746	18010	4747	461	29	38027
Total shellfish	180614	113087	175444	315796	856880	1399586	1132152	1118816	825627	761127	1196492	480529	8556149
Grand Total	181396	113653	177481	330079	879191	1417266	1146068	1137546	849102	783627	1217225	486350	8718983

Table D.3. Weight (lb) of each species landed commercially from the Galveston Bay system during 1992.

Species	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
FINFISH													
Atlantic croaker	23	0	543	889	1361	8	2324	1359	3276	2304	650	738	13475
Atlantic cutlassfish	0	0	0	24	10	101	56	5	130	38	0	0	364
Black drum	250	61	27	68	70	106	44	669	524	335	1227	1549	4930
Dolphin	0	0	0	0	0	72	0	0	0	0	0	0	72
Flounder, unclassified	4	11	82	582	1236	753	957	1374	2478	4648	14210	2375	28710
Gafftopsail catfish	0	0	510	306	13	1576	216	837	3328	1707	0	0	8493
Herring, unclassified	0	0	85	134	11653	10779	8038	7258	10843	7933	1968	0	58691
Kingfish, unclassified	408	23	140	72	703	2	586	191	229	95	412	557	3418
Kingfish, Southern	0	0	0	0	0	0	0	0	53	0	0	0	53
Mullet, unclassified	97	26	495	8331	3666	1363	677	4338	1160	1426	255	54	21888
Others, unknown	0	0	22	63	174	73	139	95	203	348	341	60	1518
Pigfish	0	0	5	0	0	0	0	0	0	0	0	0	5
Seatrout, sand	0	0	29	0	0	7	40	0	65	56	38	0	235
Sheepshead	0	445	84	3698	2244	536	103	1844	312	2710	1337	449	13762
Unclassified food	0	0	0	0	25	102	228	88	196	99	265	0	1003
Unclassified scrap	0	0	15	116	1156	2202	508	672	678	801	30	39	6217
Total finfish	782	566	2037	14283	22311	17680	13916	18730	23475	22500	20733	5821	162834
SHELLFISH													
Shrimp (heads on)	0	0	0	0	439752	1112367	835547	5223	15936	4873	169	0	2413867
Shrimp, brown	0	0	0	0	1523	0	0	0	0	0	0	0	1523
Shrimp, pink	8398	6305	11681	70152	175866	41725	29343	852927	573901	474897	349275	20659	2615129
Shrimp, white	8398	6305	11681	70152	617142	1154091	864890	858150	589837	479771	349444	20659	5030519
Total shrimp													
Crab, blue	16289	22269	21157	51394	128990	90439	133536	104203	86596	100221	65474	23415	843983
Crab, stone	188	1100	880	400	2000	1284	2644	3000	2416	1892	1360	3084	20248
Oyster, Eastern	155739	83413	141353	193783	103776	151657	128575	148717	128768	174496	779753	433342	2623372
Squid, unclassified	0	0	373	67	4972	2115	2507	4746	18010	4747	461	29	38027
Total shellfish	180614	113087	175444	315796	856880	1399586	1132152	1118816	825627	761127	1196492	480529	8556149
Grand Total	181396	113653	177481	330079	879191	1417266	1146068	1137546	849102	783627	1217225	486350	8718983

Table D.5. Weight (lb) of each species landed commercially from the Matagorda Bay system during 1992.

Species	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
FINFISH													
Atlantic cutlassfish	0	0	0	0	0	0	0	2255	1859	0	0	0	4114
Black drum	0	0	0	0	0	0	0	0	0	0	57	0	57
Flounder, unclassified	0	0	0	0	0	169	141	0	270	2012	22	0	2614
Mullet, unclassified	0	0	0	0	0	0	11	2	310	273	12	3	611
Total finfish	0	0	0	0	0	169	152	2257	2439	2285	91	3	7396
SHELLFISH													
Shrimp (heads on)	1407	0	440	19731	383703	1159797	25251	0	213170	210427	165476	6731	2186134
Shrimp, brown	0	0	0	0	0	0	0	3239	3923	0	2407	0	9569
Shrimp, seabob	0	0	18	8569	52901	28159	242576	901399	900581	339254	121771	0	2595228
Shrimp, white	0	0	0	0	0	0	0	0	0	0	0	0	0
Total shrimp	1407	0	458	28299	436604	1187956	267827	904638	1117675	549681	289653	6731	4790930
Crab, blue	16239	29851	20434	103425	170737	178916	117763	52285	78761	61474	56376	54043	940304
Oyster, Eastern	0	0	23556	0	0	0	0	0	0	0	11692	20616	55864
Squid, unclassified	0	0	0	0	0	100	75	96	173	487	34	1	966
Total shellfish	17646	29851	44448	131724	607341	1366972	385665	957019	1196609	611642	357755	81391	5788064
Grand Total	17646	29851	44448	131724	607341	1367141	385817	959276	1199048	613927	357846	81394	5795460

Table D.6. Ex-vessel value (\$) of each species landed commercially from the Matagorda Bay system during 1992.

Species	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
FINFISH													
Atlantic cutlassfish	0	0	0	0	0	0	0	1714	1543	0	0	0	3257
Black drum	0	0	0	0	0	0	0	0	0	0	50	0	50
Flounder, unclassified	0	0	0	0	0	302	251	0	435	2777	22	0	3786
Mullet, unclassified	0	0	0	0	0	0	7	1	908	137	6	2	1060
Total finfish	0	0	0	0	0	302	258	1715	2886	2913	78	2	8153
SHELLFISH													
Shrimp (heads on)	1782	0	770	36095	254556	815298	40924	0	292811	206428	183816	5836	1838316
Shrimp, brown	0	0	0	0	0	0	0	847	1026	0	551	0	2424
Shrimp, seabob	0	0	43	20646	96377	76820	325431	1522462	1662140	573589	190252	0	4467760
Shrimp, white	1782	0	813	56741	350933	892118	366355	1523309	1955977	780017	374619	5836	6308500
Total shrimp	8448	16314	12260	56939	81562	68938	55779	25296	37772	33621	30871	35030	462831
Crab, blue	0	0	41846	0	0	0	0	0	0	0	17925	31326	91097
Oyster, Eastern	0	0	0	0	0	75	56	63	87	244	17	1	542
Squid, unclassified	10230	16314	54919	113680	432495	961131	422190	1548668	1993835	813881	423432	72192	6862970
Total shellfish	10230	16314	54919	113680	432495	961433	422448	1550383	1996721	816794	423511	72194	6871123
Grand Total	10230	16314	54919	113680	432495	961433	422448	1550383	1996721	816794	423511	72194	6871123

Table D.7. Weight (lb) of each species landed commercially from the East Matagorda Bay system during 1992.

Species	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
FINFISH													
Atlantic cutlassfish	0	0	0	0	0	0	81	142	0	0	0	0	223
Flounder, unclassified	0	0	0	69	28	0	0	0	164	0	0	0	261
Mullet, unclassified	0	0	0	0	0	0	182	113	10	58	1	6	370
Sheepshead	0	0	0	0	2	0	0	0	0	0	0	0	2
Total finfish	0	0	0	69	30	0	263	255	174	58	1	6	856
SHELLFISH													
Crab, blue	6200	0	0	0	0	100131	27266	0	0	0	0	0	133597
Crab, stone	1519	5982	0	3896	2668	0	652	2360	0	0	0	0	17077
Squid, unclassified	0	0	0	0	0	0	0	8	14	96	78	0	196
Total shellfish	7719	5982	0	3896	2668	100131	27918	2368	14	96	78	0	150870
Grand Total	7719	5982	0	3965	2698	100131	28181	2623	188	154	79	6	151726

Table D.8. Ex-vessel value (\$) of each species landed commercially from the East Matagorda Bay system during 1992.

Species	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
FINFISH													
Atlantic cutlassfish	0	0	0	0	0	0	61	107	0	0	0	0	167
Flounder, unclassified	0	0	0	126	51	0	0	0	264	0	0	0	442
Mullet, unclassified	0	0	0	0	0	0	91	57	40	96	4	24	312
Sheepshead	0	0	0	0	1	0	0	0	0	0	0	0	1
Total finfish	0	0	0	126	52	0	152	163	304	96	4	24	922
SHELLFISH													
Crab, blue	3410	0	0	0	0	40052	14996	0	0	0	0	0	58459
Crab, stone	835	3290	0	2182	1414	0	326	1180	0	0	0	0	9227
Squid, unclassified	0	0	0	0	0	0	0	4	7	48	39	0	98
Total shellfish	4245	3290	0	2182	1414	40052	15322	1184	7	48	39	0	67784
Grand Total	4245	3290	0	2308	1466	40052	15474	1347	311	144	43	24	68706

Table D.9. Weight (lb) of each species landed commercially from the San Antonio Bay system during 1992.

Species	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
FINFISH													
Black drum	0	0	0	0	0	0	145	205	0	94	151	29	624
Flounder, unclassified	642	0	0	1696	1601	1461	3287	3488	1427	4542	5699	1876	25719
Mullet, unclassified	0	0	0	0	0	0	0	13	0	0	0	0	13
Others, unknown	0	0	0	0	0	0	0	0	1364	1542	0	0	2906
Sheepshead	0	0	0	19	0	19	0	57	97	192	32	0	416
Total finfish	642	0	0	1715	1601	1480	3432	3763	2888	6370	5882	1905	29678
SHELLFISH													
Shrimp (heads on)	0	0	0	0	129716	135551	0	0	0	10272	176984	2257	454780
Shrimp, brown	0	0	0	0	1691	0	85510	293974	437916	368471	16614	0	1204175
Shrimp, white	0	0	0	0	131407	135551	85510	293974	437916	378743	193598	2257	1658955
Total shrimp	0	0	0	0	131407	135551	85510	293974	437916	378743	193598	2257	1658955
Crab, blue	1984	36935	131033	185762	178159	275402	300786	145617	188377	169398	181075	101537	1913965
Crab, stone	2019	2383	0	2588	4084	492	2980	0	684	0	0	0	15230
Oyster, Eastern	51662	13405	0	0	0	0	0	0	0	0	0	0	65067
Squid, unclassified	0	0	0	0	0	0	0	0	0	60	0	0	60
Total shellfish	73565	52723	131033	188350	313650	411445	389276	439591	626977	548201	374673	103794	3653277
Grand Total	74207	52723	131033	190065	315251	412925	392708	443354	629865	554571	380555	105699	3682955

Table D.10. Ex-vessel value (\$) of each species landed commercially from the San Antonio Bay system during 1992.

Species	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
FINFISH													
Black drum	0	0	0	0	0	0	64	129	0	82	126	13	414
Flounder, unclassified	912	0	0	2605	2578	2352	5092	5673	2275	6821	8930	2555	39792
Mullet, unclassified	0	0	0	0	0	0	0	13	0	0	0	0	13
Others, unknown	0	0	0	0	0	0	0	0	614	694	0	0	1308
Sheepshead	0	0	0	9	0	8	0	20	47	79	11	0	174
Total finfish	912	0	0	2614	2578	2361	5155	5835	2936	7676	9067	2568	41701
SHELLFISH													
Shrimp (heads on)	0	0	0	0	102872	113756	0	0	0	10963	207290	2755	437636
Shrimp, brown	0	0	0	0	2667	0	110624	506625	693747	520199	22362	0	1856224
Shrimp, white	0	0	0	0	105539	113756	110624	506625	693747	531162	229652	2755	2293860
Total shrimp	0	0	0	0	102872	113756	0	0	0	10963	207290	2755	437636
Crab, blue	6959	14928	59404	75368	65050	97189	121308	57011	70733	61339	73478	47918	750685
Crab, stone	1103	1311	0	1449	2165	236	1899	0	513	0	0	0	8676
Oyster, Eastern	88560	22980	0	0	0	0	0	0	0	0	0	0	111540
Squid, unclassified	0	0	0	0	0	0	0	0	0	60	0	0	60
Total shellfish	96623	39219	59404	76817	172753	211182	233831	563636	764993	592561	303130	50673	3164821
Grand Total	97534	39219	59404	79431	175331	213542	238986	569471	767929	600237	312197	53241	3206522

Table D.11. Weight (lb) of each species landed commercially from the Arkansas Bay system during 1992.

Species	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
FINFISH													
Atlantic cutlassfish	0	0	0	0	62	114	29	119	0	0	0	0	324
Black drum	10530	2661	190	679	739	1251	580	394	112	206	1089	7207	25638
Eels, cusk	0	0	0	0	3	0	0	0	0	0	0	0	3
Flounder, unclassified	943	604	1253	347	3637	1714	4908	4783	2721	5407	11430	2808	40555
Gafftopsail catfish	0	0	0	218	0	0	0	0	0	0	0	16	218
Mullet, unclassified	0	0	0	0	0	45	150	597	259	154	60	16	1281
Others, unknown	0	0	0	5	36	2	5	0	0	0	2	1	51
Shark, unclassified	0	0	0	0	0	0	0	0	0	0	26	0	26
Sheepshead	3027	712	1737	0	35	44	31	165	45	19	595	236	6646
Snake eel, unclassified	0	0	0	0	0	27	0	0	0	0	0	0	27
Unclassified scrap	0	0	0	0	0	1520	0	0	0	0	0	0	1520
Total finfish	14500	3977	3180	1249	4512	4717	5703	6058	3137	5786	13202	10268	76289
SHELLFISH													
Shrimp (heads on)	0	2613	15536	76673	472124	480511	179666	11851	125078	205864	0	2573	1572490
Shrimp, brown	14850	0	339	1157	25954	29882	173125	536020	923475	739477	282633	0	2726912
Shrimp, white	14850	2613	15875	77830	498078	510393	352792	547871	1048553	945341	282633	2573	4299402
Total shrimp	49719	38387	28095	84422	180812	213347	197249	59838	66881	39902	35242	17065	1010959
Crab, blue	1048	1896	1720	1248	620	1132	1008	588	356	2104	264	0	11984
Crab, stone	0	0	0	0	29	25	105	22	15	461	217	0	874
Squid, unclassified	65617	42896	45690	163500	679539	724897	551154	608319	1115805	987808	318356	19638	5323219
Total shellfish	80117	46873	48870	164749	684051	729614	556857	614377	1118942	993594	331558	29906	5399508
Grand Total													

Table D.12. Ex-vessel value (\$) of each species landed commercially from the Arkansas Bay system during 1992.

Species	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
FINFISH													
Atlantic cutlassfish	0	0	0	0	47	87	22	181	0	0	0	0	337
Black drum	5846	2019	209	780	676	1252	514	294	87	163	939	3949	16728
Eels, cusk	0	0	0	0	6	0	0	0	0	0	0	0	6
Flounder, unclassified	1321	1102	2584	715	7228	3411	10165	8683	4921	9127	11179	3190	63626
Gafftopsail catfish	0	0	0	98	0	0	0	0	0	0	0	0	98
Mullet, unclassified	0	0	0	0	0	181	560	891	735	437	223	64	3091
Others, unknown	0	0	0	42	300	17	42	0	0	0	17	8	425
Shark, unclassified	0	0	0	0	0	0	0	0	0	0	11	0	11
Sheepshead	2106	455	819	0	13	20	19	76	33	11	260	104	3915
Snake eel, unclassified	0	0	0	0	0	54	0	0	0	0	0	0	54
Unclassified scrap	0	0	0	0	0	1138	0	0	0	0	0	0	1138
Total finfish	9273	3575	3612	1635	8271	6160	11321	10125	5775	9737	12628	7315	89428
SHELLFISH													
Shrimp (heads on)	0	2821	24987	79868	501487	534010	226888	12986	142320	245932	0	2242	1773541
Shrimp, brown	18767	0	799	2579	61027	67385	256078	904389	1668719	949080	314051	0	4242874
Shrimp, white	18767	2821	25786	82447	562514	601395	482966	917375	1811039	1195012	314051	2242	6016415
Total shrimp	37534	2821	26785	85412	117241	127775	739844	1001764	3480018	3140512	628102	2242	11264309
Crab, blue	20842	19450	16539	26730	72514	63347	71935	29087	35555	20076	18014	8994	403084
Crab, stone	639	1422	1290	936	488	849	756	441	267	1578	198	0	8864
Squid, unclassified	0	0	0	0	26	23	95	22	15	396	170	0	746
Total shellfish	40248	23693	43615	110113	635542	665614	555752	946925	1846876	1217061	332433	11236	6429109
Grand Total	49521	27268	47227	111748	643813	671774	567073	957051	1852651	1226799	345062	18551	6518537

Table D.13. Weight (lb) of each species landed commercially from the Corpus Christi Bay system during 1992.

Species	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
FINFISH													
Atlantic croaker	0	0	0	0	7	212	249	245	0	0	0	0	713
Atlantic cutlassfish	0	0	0	15	93	5882	3585	1927	0	0	0	0	11502
Black drum	15013	6471	12285	7659	22548	17305	23915	144158	23245	5042	6262	16807	300710
Flounder, unclassified	274	911	1460	3192	1757	3617	1798	3717	6710	7222	37569	25058	93285
Gafftopsail catfish	0	0	0	10	0	0	0	0	0	40	0	0	50
Mullet, unclassified	0	0	0	0	0	0	0	34	0	35	23	31	123
Others, unknown	0	0	0	0	20203	0	0	0	0	0	0	0	20203
Shark, unclassified	0	0	0	0	0	0	5	0	0	0	0	0	5
Sheepshead	1003	2102	1487	1168	26	47	15	16	69	683	1085	3817	11518
Unclassified food	0	0	0	0	0	0	5	0	0	0	0	0	5
Unclassified scrap	0	0	0	0	4	0	0	478	0	0	0	0	482
Total finfish	16290	9484	15232	12044	44638	27063	29572	150575	30024	13022	44939	45713	438596
SHELLFISH													
Shrimp (heads on)	4271	74216	152956	361952	768965	552143	117437	3350	58746	203710	115216	28338	2441301
Shrimp, brown	7574	731	7096	6065	24960	7621	110547	217915	251474	356701	246580	1220	1238485
Shrimp, white	11845	74948	160053	368017	793925	559765	227984	221265	310220	560411	361797	29557	3679786
Total shrimp	4875	3762	4857	2453	30806	74219	62232	197798	82072	21308	26512	7064	517958
Crab, blue	0	0	0	1480	5700	1624	2432	1680	3104	2264	480	64	18828
Crab, stone	52	34	38	270	0	12	68	137	531	1857	183	179	3361
Squid, unclassified	16772	78744	164948	372220	830431	635620	292716	420880	395927	585840	388972	36864	4219933
Total shellfish	33062	88228	180180	384264	875069	662683	322288	571455	425951	598862	433911	82577	4658529
Grand Total													

Table D.14. Ex-vessel value (\$) of each species landed commercially from the Corpus Christi Bay system during 1992.

Species	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
FINFISH													
Atlantic croaker	0	0	0	0	45	534	200	490	0	0	0	0	1269
Atlantic cutlassfish	0	0	0	11	45	4470	2675	1438	0	0	0	0	8640
Black drum	12944	6173	13422	8796	24346	17175	27117	138995	22085	4543	5036	11132	291765
Flounder, unclassified	450	1713	3016	6558	3519	7482	3697	7388	7717	10746	34860	30927	118072
Gafftopsail catfish	0	0	0	2	0	0	0	0	0	16	0	0	18
Mullet, unclassified	0	0	0	0	0	0	0	71	0	85	50	75	281
Others, unknown	0	0	0	0	16162	0	0	0	0	0	0	0	16162
Shark, unclassified	0	0	0	0	0	0	3	0	0	0	0	0	3
Sheepshead	513	1322	715	474	13	29	9	9	51	318	504	1801	5757
Unclassified food	0	0	0	0	0	0	3	0	0	0	0	0	3
Unclassified scrap	0	0	0	0	26	0	0	48	0	0	0	0	74
Total finfish	13907	9207	17153	15841	44156	29690	33703	148440	29853	15708	40450	43935	442042
SHELLFISH													
Shrimp (heads on)													
Shrimp, brown	5767	105224	259734	478191	878201	684634	160239	3972	70580	275182	159321	36167	3117212
Shrimp, white	10893	1839	15373	15875	56918	17572	171917	334669	445014	703638	409451	2814	2185973
Total shrimp	16660	107063	275107	494066	935119	702206	332156	338641	515594	978820	568772	38981	5303185
Crab, blue	2155	2219	2857	1445	11594	26234	30961	97806	48546	12132	15807	4337	256093
Crab, stone	0	0	0	1110	4275	1218	1824	1260	2328	1698	360	48	14121
Squid, unclassified	47	19	19	128	0	12	68	137	531	1754	183	179	3077
Total shellfish	18862	109301	277983	496749	950988	729670	365009	437844	566999	994404	585122	43545	5576476
Grand Total	32769	118508	295137	512590	995143	759360	398712	586285	596852	1010111	625572	87480	6018518

Table D.15. Weight (lb) of each species landed commercially from the Upper Laguna Madre Bay system during 1992.

Species	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
FINFISH													
Black drum	32191	20640	20690	18334	8272	6341	5786	12828	8946	18747	24830	19940	197545
Flounder, unclassified	116	307	132	75	0	14	578	417	107	360	128	92	2326
Gafftopsail catfish	0	0	0	0	0	0	0	17	0	0	0	0	17
Mullet, unclassified	0	0	0	0	0	0	0	26	0	0	0	0	26
Seatrout, sand	0	44	0	0	0	0	0	0	0	0	0	0	44
Sheepshead	0	4	0	0	0	0	0	0	7	0	0	0	11
Unclassified scrap	0	0	0	0	0	0	0	5	0	0	0	0	5
Total finfish	32307	20995	20822	18409	8272	6355	6364	13293	9060	19107	24958	20032	199974
SHELLFISH													
Shrimp (heads on)	130	440	10896	43362	60325	56107	0	0	0	0	3922	0	175182
Shrimp, brown	0	0	0	0	168	132	0	0	0	0	0	0	300
Shrimp, white	130	440	10896	43362	60493	56239	0	0	0	0	3922	0	175483
Total shrimp	0	16037	14006	0	458	35466	30237	145498	100968	68508	45507	15958	472643
Crab, blue	130	16477	24902	43362	60951	91705	30237	145498	100968	68508	49429	15958	648126
Total shellfish	32437	37472	45724	61771	69223	98060	36601	158791	110028	87615	74387	35990	848100
Grand Total													

Table D.16. Ex-vessel value (\$) of each species landed commercially from the Upper Laguna Madre Bay system during 1992.

Species	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
FINFISH													
Black drum	26331	19617	22915	17156	9515	7419	5889	11570	7967	16497	19557	10767	175201
Flounder, unclassified	217	560	247	151	0	24	1233	768	196	635	233	168	4432
Gafftopsail catfish	0	0	0	0	0	0	0	8	0	0	0	0	8
Mullet, unclassified	0	0	0	0	0	0	0	45	0	0	0	0	45
Seatrout, sand	0	38	0	0	0	0	0	0	0	0	0	0	38
Sheepshead	0	3	0	0	0	0	0	0	3	0	0	0	6
Unclassified scrap	0	0	0	0	0	0	0	3	0	0	0	0	3
Total finfish	26548	20218	23162	17307	9515	7442	7121	12393	8166	17133	19791	10935	179732
SHELLFISH													
Shrimp (heads on)	176	680	17518	60659	82653	84707	0	0	0	0	5296	0	251689
Shrimp, brown	0	0	0	0	434	462	0	0	0	0	0	0	896
Shrimp, white	176	680	17518	60659	83087	85169	0	0	0	0	5296	0	252585
Total shrimp	0	6415	5739	0	321	11803	11607	75602	51192	36961	26694	9902	236238
Crab, blue	176	7095	23257	60659	83408	96972	11607	75602	51192	36961	31990	9902	488823
Total shellfish	26724	27313	46419	77966	92923	104414	18729	87995	59358	54094	51781	20838	668554
Grand Total													

Table D.17. Weight (lb) of each species landed commercially from the Lower Laguna Madre Bay system during 1992.

Species	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
FINFISH													
Atlantic croaker	1	0	0	0	0	0	0	0	0	8	0	0	9
Black drum	45280	13675	14491	16537	13826	21472	26994	39282	29186	25011	17265	18704	281723
Florida pompano	0	0	0	0	0	0	0	0	0	9	0	0	9
Flounder, unclassified	1362	702	1256	5295	2939	2544	4218	7551	5261	3191	14090	8335	56744
Gafftopsail catfish	0	2315	111	0	0	0	0	0	0	0	0	0	2426
Mullet, unclassified	0	0	0	0	0	0	309	0	233	370	326	99	1337
Others, unknown	0	497	652	11918	0	0	15	31	6167	2152	490	0	21922
Sheepshead	413	125	67	23	11	21	93	112	117	49	112	8	1151
Total finfish	47056	17314	16577	33773	16776	24037	31629	46976	40964	30790	32283	27146	365321
SHELLFISH													
Crab, blue	0	1143	95	20224	0	0	46	104	27989	305	2693	912	53511
Crab, stone	0	0	0	0	0	0	0	0	100	560	0	0	660
Oyster, Eastern	0	0	0	0	0	893	875	1645	193	0	0	0	3606
Shrimp, mantis	0	0	0	0	0	0	0	0	0	0	0	40	40
Squid, unclassified	0	0	0	0	0	0	17	0	0	0	120	0	137
Total shellfish	0	1143	95	20224	0	893	938	1749	28282	865	2813	952	57954
Grand Total	47056	18457	16672	53997	16776	24930	32567	48725	69246	31655	35096	28098	423275

Table D.18. Ex-vessel value (\$) of each species landed commercially from the Lower Laguna Madre Bay system during 1992.

Species	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
FINFISH													
Atlantic croaker	0	0	0	0	0	0	0	0	0	2	0	0	2
Black drum	20192	6093	11692	10156	8518	16968	18954	24066	12899	13449	7597	8249	158832
Florida pompano	0	0	0	0	0	0	0	0	0	8	0	0	8
Flounder, unclassified	1258	752	1516	5727	3711	3750	4574	8831	4899	3319	13492	6227	58054
Gafftopsail catfish	0	926	44	0	0	0	0	0	0	0	0	0	970
Mullet, unclassified	0	0	0	0	0	0	259	0	255	370	326	99	1308
Others, unknown	0	174	163	9500	0	0	4	11	2774	951	219	0	13796
Sheepshead	70	21	14	4	2	4	20	25	21	9	20	2	212
Total finfish	21520	7966	13430	25388	12231	20721	23811	32933	20847	18108	21654	14576	233184
SHELLFISH													
Crab, blue	0	286	29	8090	0	0	14	31	12582	122	1347	456	22955
Crab, stone	0	0	0	0	0	0	0	0	25	168	0	0	193
Oyster, Eastern	0	0	0	0	0	2295	2100	39	495	0	0	0	4929
Shrimp, mantis	0	0	0	0	0	0	0	0	0	0	0	40	40
Squid, unclassified	0	0	0	0	0	0	21	0	0	0	120	0	141
Total shellfish	0	286	29	8090	0	2295	2135	71	13102	290	1467	496	28259
Grand Total	21520	8252	13458	33477	12231	23016	25946	33004	33949	18398	23120	15072	261443

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 1992.

Table E.1. Weight (lb) of each species, except shrimp, landed commercially from Gulf of Mexico grid zone 17.0 during 1992.

Species	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
FINFISH													
Black drum	0	0	0	0	0	0	0	0	0	0	0	185	185
Cobia	0	21	0	0	156	0	0	0	0	0	0	0	177
Flounder, unclassified	200	0	21	0	0	49	109	0	176	455	2179	1142	4331
Greater amberjack	0	66	0	0	0	0	0	0	0	0	0	0	66
Grouper, scamp	0	137	0	0	0	0	0	0	0	0	0	0	137
Grouper, warsaw	0	63	0	0	0	0	0	0	0	0	0	0	63
Kingfish, unclassified	0	799	30	0	22	1122	0	0	0	0	569	0	2542
Mullet, unclassified	946	0	0	0	0	1882	0	0	1430	122	486	616	5482
Sheepshead	0	100	8	0	0	0	0	0	0	101	0	0	209
Snapper, red	9637	8243	0	14026	9971	0	0	0	0	0	0	235	42112
Snapper, vermilion	0	392	0	0	0	0	0	0	0	0	0	0	392
Triggerfish, gray	0	85	0	0	0	0	0	0	0	0	0	0	85
Total finfish	10783	9906	59	14026	10149	3053	109	0	1606	678	3234	2178	55781
SHELLFISH													
Crab, blue	0	0	0	0	0	0	0	0	0	0	1008	6249	7257
Squid, unclassified	0	0	0	0	0	12	0	25	0	0	0	0	37
Total shellfish	0	0	0	0	0	12	0	25	0	0	1008	6249	7294
Grand Total	10783	9906	59	14026	10149	3065	109	25	1606	678	4242	8427	63075

Table E.2. Ex-vessel (\$) value of each species, except shrimp, landed commercially from Gulf of Mexico grid zone 17.0 during 1992.

Species	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
FINFISH													
Black drum	0	0	0	0	0	0	0	0	0	0	0	81	81
Cobia	0	25	0	0	162	0	0	0	0	0	0	0	188
Flounder, unclassified	234	0	17	0	0	61	65	0	185	516	2132	1153	4364
Greater amberjack	0	51	0	0	0	0	0	0	0	0	0	0	51
Grouper, scamp	0	232	0	0	0	0	0	0	0	0	0	0	232
Grouper, warsaw	0	80	0	0	0	0	0	0	0	0	0	0	80
Kingfish, unclassified	0	208	9	0	8	337	0	0	0	0	142	0	703
Mullet, unclassified	246	0	0	0	0	565	0	0	372	32	146	172	1532
Sheepshead	0	22	2	0	0	0	0	0	0	76	0	0	100
Snapper, red	13974	12080	0	31294	22428	0	0	0	0	0	0	470	80245
Snapper, vermillion	0	549	0	0	0	0	0	0	0	0	0	0	549
Triggerfish, gray	0	61	0	0	0	0	0	0	0	0	0	0	61
Total finfish	14454	13307	28	31294	22598	962	65	0	557	624	2420	1876	88185
SHELLFISH													
Crab, blue	0	0	0	0	0	0	0	0	0	0	418	3408	3827
Squid, unclassified	0	0	0	0	0	5	0	31	0	0	0	0	37
Total shellfish	0	0	0	0	0	5	0	31	0	0	418	3408	3863
Grand Total	14454	13307	28	31294	22598	968	65	31	557	624	2839	5284	92049

Table E.3. Weight (lb) of each species, except shrimp, landed commercially from Gulf of Mexico grid zone 18.0 during 1992.

Species	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
FINFISH													
Atlantic croaker	0	0	0	134	0	130	306	304	103	242	215	0	1434
Black drum	30	32	1032	4554	2427	0	0	0	0	1522	0	0	9597
Blue runner	0	0	0	0	0	0	0	0	0	0	0	1951	1951
Cobia	21	0	0	26	1281	991	652	1636	336	192	234	115	5484
Dolphin	164	0	0	0	20	184	1528	2296	1225	151	334	491	6393
Florida pompano	0	0	0	0	6	17	54	118	220	0	32	0	447
Flounder, unclassified	1125	156	251	1633	704	185	364	231	170	1044	4068	461	10392
Greater amberjack	617	538	113	970	10824	10751	11258	33991	35574	7635	13047	8401	133719
Grouper, scamp	0	117	0	0	0	0	0	0	0	0	0	0	117
Grouper, unclassified	1559	2534	3118	1487	987	2668	3547	5150	9792	8712	7462	9445	56461
Grouper, warsaw	96	0	0	0	257	0	0	0	0	0	0	0	353
Herring, unclassified	0	0	2126	11039	0	0	0	0	0	0	0	0	13165
Kingfish, unclassified	0	0	194	287	25	45	2232	0	80	270	12	47	3192
Kingfish, Southern	0	0	0	0	0	0	0	0	65	0	0	0	65
Mackerel, king	0	0	0	0	0	0	25933	13527	1580	0	0	357	41397
Mullet, unclassified	0	0	0	0	0	0	0	0	0	0	0	0	6953
Seatrout, sand	30	0	0	0	0	0	0	0	0	0	0	0	30
Shark, unclassified	0	0	0	0	0	0	0	0	0	0	0	0	0
Sheepshead	0	0	0	200	0	137	482	1114	697	1349	414	173	4566
Snapper, red	259625	108157	0	58499	30560	0	0	0	0	40	0	0	40
Snapper, unclassified	329	1097	515	1043	806	189	0	2573	4250	2187	1863	2454	470168
Snapper, vermilion	6368	1478	8520	3985	4764	1487	7022	8733	283	9723	10023	21860	84246
Swordfish	0	0	0	0	0	0	2130	2371	4476	474	0	224	9675
Tilefish	0	467	153	964	0	812	140	3	417	198	66	852	4072
Triggerfish, gray	271	341	49	711	838	25	97	102	142	1368	679	83	4706
Tuna, blackfin	0	17	22	0	44	74	0	97	883	38	230	97	1502
Tuna, little	0	0	0	0	0	0	42	230	0	0	0	0	272
Tuna, yellowfin	376	0	0	501	0	28014	64033	66324	48952	24350	18495	49469	300514
Unclassified food	0	114	44	0	18	450	2106	983	644	1934	1736	133	8162
Unclassified scrap	410	0	0	0	0	0	51	299	137	0	0	245	1142
Wahoo	0	0	0	0	17	686	2158	772	311	145	98	993	5180
Total finfish	271021	115048	23090	86033	53578	46845	124135	141375	114082	62501	60357	97851	1195916
SHELLFISH													
Crab, blue	0	0	3	67	49	0	0	0	0	0	0	0	119
Squid, unclassified	0	0	0	1819	1517	0	0	13	230	15	0	0	3594
Total shellfish	0	0	3	1886	1566	0	0	13	230	15	0	0	3713
Grand Total	271021	115048	23093	87919	55144	46845	124135	141388	114312	62516	60357	97851	1199629

Table E.4. Ex-vessel (\$) value of each species, except shrimp, landed commercially from Gulf of Mexico grid zone 18.0 during 1992.

Species	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
FINFISH													
Atlantic croaker	0	0	0	0	0	39	61	64	26	44	43	0	317
Black drum	23	23	186	1822	1820	0	0	0	0	1718	0	0	5592
Blue runner	0	0	0	0	0	0	0	0	0	0	0	527	527
Cobia	32	0	0	37	1287	1009	656	1308	336	204	248	122	5239
Dolphin	139	0	0	0	17	173	1107	1437	757	177	373	327	4506
Florida pompano	0	0	0	0	5	26	46	100	187	0	34	0	398
Flounder, unclassified	1752	214	293	2247	761	228	374	319	203	1056	3743	599	11789
Greater amberjack	543	473	99	926	10391	10220	10670	30669	33449	7020	10426	5622	120510
Grouper, scamp	0	220	0	0	0	0	0	0	0	0	0	0	220
Grouper, unclassified	2506	4159	5293	2587	1664	4589	5250	7879	15625	13977	12410	14410	90349
Grouper, warsaw	144	0	0	0	218	0	0	0	0	0	0	0	362
Herring, unclassified	0	0	170	773	0	0	0	0	0	0	0	0	943
Kingfish, unclassified	0	0	53	79	8	16	885	0	20	68	3	24	1153
Kingfish, Southern	0	0	0	0	0	0	0	0	16	0	0	0	16
Mackerel, king	0	0	0	0	0	0	18085	8207	1067	0	0	289	27649
Mullet, unclassified	0	0	626	0	0	0	0	0	0	0	0	0	626
Seatrout, sand	13	0	0	0	0	0	0	0	0	0	0	0	13
Shark, unclassified	0	0	0	123	0	101	106	344	215	416	120	53	1479
Sheepshead	0	0	0	0	0	0	0	0	0	10	0	0	10
Snapper, red	399484	193661	0	136889	65751	0	0	5558	9563	5118	4345	5742	826109
Snapper, unclassified	494	1679	881	1877	1098	340	0	985	6489	1919	2253	0	18015
Snapper, vermilion	8054	1763	14569	6296	6533	2825	12008	14933	509	17268	17970	38331	141060
Swordfish	0	0	0	0	0	0	4540	6743	8993	1138	0	435	21848
Tilefish	0	514	211	1080	0	741	125	3	371	194	65	835	4138
Triggerfish, gray	312	339	64	902	1066	32	97	128	193	1710	979	104	5924
Tuna, blackfin	0	15	20	0	59	69	0	62	563	19	189	49	1066
Tuna, little	0	0	0	0	0	0	13	62	0	0	0	0	75
Tuna, yellowfin	301	0	0	401	0	28574	90040	122688	102917	48529	36741	83782	513973
Unclassified food	0	100	13	0	6	531	1414	324	190	887	1327	64	4857
Unclassified scrap	123	0	0	0	0	0	15	90	137	0	0	74	438
Wahoo	0	0	0	0	23	721	1383	912	269	142	88	1122	4660
Total finfish	413920	203160	22478	156078	90709	50234	146875	202815	182095	101612	91356	152511	1813862
SHELLFISH													
Crab, blue	0	0	2	17	16	0	0	0	0	0	0	0	34
Squid, unclassified	0	0	0	1279	455	0	0	16	104	19	0	0	1872
Total shellfish	0	0	2	1296	471	0	0	16	104	19	0	0	1907
Grand Total	413920	203160	22479	157374	91180	50234	146875	202831	182199	101631	91356	152511	1815748

Table E.6. Ex-vessel (\$) value of each species, except shrimp, landed commercially from Gulf of Mexico grid zone 19.0 during 1992.

Species	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
FINFISH													
Atlantic cutlassfish	0	0	0	0	0	0	1802	0	0	0	0	0	1802
Black drum	2449	478	189	5	0	0	0	61	0	0	4	0	3186
Cobia	190	125	0	19	313	413	0	0	0	0	0	0	1061
Crevalle jack	0	0	0	0	0	28	0	0	0	0	0	0	28
Dolphin	0	0	0	0	0	101	97	15	66	0	0	0	279
Eels, cusk	0	10	0	0	0	2	0	0	0	0	0	0	12
Flounder, unclassified	2596	3611	1852	751	1339	1390	2610	412	1782	3037	6645	3688	29714
Greater amberjack	55	448	814	1296	543	1430	1527	1195	438	286	400	632	9062
Grouper, scamp	216	1701	1669	1804	1734	1146	504	1084	1604	263	255	1001	12982
Grouper, unclassified	0	688	0	122	0	0	0	0	23	0	0	2768	3601
Grouper, warsaw	674	2286	1183	551	1107	382	304	1273	425	324	335	0	8843
Grouper, yellowedge	198	1711	4207	3336	5688	3181	1400	4526	446	536	653	515	26396
Kingfish, unclassified	195	528	404	320	96	116	629	16	173	336	383	97	3291
Mackerel, king	0	0	0	0	0	0	18	0	0	0	0	0	18
Shark, unclassified	32	15	4	14	32	100	35	76	0	0	0	0	307
Sheepshead	2	0	0	53	0	5	0	0	0	2	0	0	63
Snapper, red	52115	69169	0	23209	12841	0	0	0	0	0	0	0	157333
Snapper, unclassified	1170	140	0	0	0	21	0	0	0	0	0	0	1836
Snapper, vermilion	787	2866	6959	11226	7380	7579	11121	15877	5767	7441	9604	4658	91266
Tilefish	0	0	0	519	1150	0	0	0	0	0	0	306	1975
Triggerfish, gray	3	72	43	319	3	3	19	0	50	0	0	0	511
Tuna, unclassified	0	0	126	757	49	6	0	0	0	0	0	0	938
Total finfish	60681	83848	17449	44301	32274	15903	20065	24534	10774	12225	18280	14170	354504
SHELLFISH													
Crab, stone	0	0	0	166	224	365	275	333	181	115	166	124	1951
Squid, unclassified	0	34	0	28	0	0	350	9	50	61	0	0	532
Total shellfish	0	34	0	194	224	365	625	342	232	176	166	124	2482
Grand Total	60681	83882	17449	44495	32499	16268	20690	24876	11006	12400	18446	14294	356986

Table E.7. Weight (lb) of each species, except shrimp, landed commercially from Gulf of Mexico grid zone 20.0 during 1992.

Species	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
FINFISH													
Atlantic cutlassfish	0	0	0	0	0	211	0	0	0	0	0	0	211
Atlantic spadefish	0	0	0	0	73	0	0	0	0	0	0	0	73
Cobia	0	0	0	107	0	0	0	0	0	0	0	0	107
Dolphin	0	0	0	0	0	29	26	0	8	0	0	0	63
Eels, cusk	0	0	0	0	0	0	0	0	0	0	0	2	2
Flounder, unclassified	105	0	0	0	0	0	0	0	0	0	0	65	170
Great barracuda	0	0	0	0	0	0	0	403	0	0	0	0	403
Greater amberjack	80	141	3215	1838	1086	4360	61	3092	3602	75	2397	1421	21368
Grouper, scamp	21	32	0	162	338	0	0	0	31	59	70	0	713
Grouper, unclassified	191	633	549	489	80	0	188	3273	54	0	139	141	5737
Grouper, warsaw	263	527	0	897	433	3496	146	396	299	129	595	715	7896
Grouper, yellowedge	0	1306	0	9582	3907	11362	2259	0	2053	3188	2644	621	36922
Mullet, unclassified	0	0	0	0	0	0	0	0	0	32	0	26	58
Others, unknown	0	0	0	0	0	0	0	0	0	0	2436	0	2436
Seatrout, silver	0	0	0	0	0	0	0	0	0	0	86	0	86
Shark, blacktip	0	0	0	0	131	0	0	0	21	0	0	0	152
Shark, unclassified	348	3589	12	2554	1716	5828	948	5224	133	185	93	0	20630
Sheepshead	0	0	294	0	0	0	0	0	0	0	0	0	294
Snapper, red	40851	43648	2077	16970	12813	0	111	785	659	684	2642	7045	128285
Snapper, unclassified	92	190	479	240	211	0	0	0	51	215	226	491	2195
Snapper, vermilion	264	648	0	224	0	381	0	99	32	0	51	0	1699
Tilefish	119	0	0	99	27	170	0	0	0	0	84	58	557
Triggerfish, grey	0	0	0	0	0	0	0	0	0	14	0	0	14
Unclassified food	0	0	0	0	0	0	0	0	0	0	0	2	2
Unclassified scrap	0	0	0	0	0	0	28	0	0	0	0	0	28
Wahoo	0	0	0	24	0	178	0	0	74	0	0	0	276
Total finfish	42334	50714	6626	33186	20815	26015	3767	13272	7017	4581	11463	10587	230377
SHELLFISH													
Squid, unclassified	0	0	0	0	0	0	0	0	412	369	0	0	781
Total shellfish	0	0	0	0	0	0	0	0	412	369	0	0	781
Grand Total	42334	50714	6626	33186	20815	26015	3767	13272	7429	4950	11463	10587	231158

Table E.8. Ex-vessel (\$) value of each species, except shrimp, landed commercially from Gulf of Mexico grid zone 20.0 during 1992.

Species	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
FINFISH													
Atlantic cutlassfish	0	0	0	0	0	120	0	0	0	0	0	0	120
Atlantic spadefish	0	0	0	0	73	0	0	0	0	0	0	0	73
Cobia	0	0	0	128	0	0	0	0	0	0	0	0	128
Dolphin	0	0	0	0	0	30	26	0	15	0	0	0	71
Eels, cusk	0	0	0	0	0	0	0	0	0	0	0	2	2
Flounder, unclassified	184	0	0	0	0	0	0	0	0	0	0	57	240
Greater barracuda	0	0	0	0	0	0	0	222	0	0	0	0	222
Greater amberjack	93	170	4033	2153	1239	3547	63	4452	4065	80	2039	1821	23753
Grouper, scamp	32	48	0	234	700	0	0	0	52	95	107	0	1268
Grouper, unclassified	234	796	824	630	102	0	318	3292	69	0	189	212	6665
Grouper, warsaw	332	610	0	1023	498	3794	166	337	380	164	783	908	8994
Grouper, yellowedge	0	1959	0	13032	5353	16816	3072	0	3305	4591	4045	950	53123
Mullet, unclassified	0	0	0	0	0	0	0	0	0	24	0	30	54
Others, unknown	0	0	0	0	0	0	0	0	0	0	1900	0	1900
Seatrout, silver	0	0	0	0	0	0	0	0	0	0	19	0	19
Shark, blacktip	0	0	0	0	38	0	0	0	11	0	0	0	49
Shark, unclassified	115	1184	6	568	445	1695	275	1515	33	54	27	0	5917
Sheepshead	0	0	141	0	0	0	0	0	0	0	0	0	141
Snapper, red	71934	74133	4985	39288	27349	0	200	1413	1483	1771	5820	16880	245256
Snapper, unclassified	118	257	838	420	270	0	0	0	119	484	499	992	3997
Snapper, vermillion	304	829	0	302	0	842	0	165	53	0	85	0	2581
Tilefish	109	0	0	106	30	121	0	0	0	0	90	67	523
Triggerfish, gray	0	0	0	0	0	0	0	0	0	17	0	0	17
Unclassified food	0	0	0	0	0	0	0	0	0	0	0	2	2
Unclassified scrap	0	0	0	0	0	0	27	0	0	0	0	0	27
Wahoo	0	0	0	22	0	201	0	0	85	0	0	0	308
Total finfish	73454	79987	10826	57906	36096	27166	4147	11396	9671	7278	15603	21920	355451
SHELLFISH													
Squid, unclassified	0	0	0	0	0	0	0	0	103	221	0	0	324
Total shellfish	0	0	0	0	0	0	0	0	103	221	0	0	324
Grand Total	73454	79987	10826	57906	36096	27166	4147	11396	9774	7500	15603	21920	355776

Table E.9. Weight (lb) of each species, except shrimp, landed commercially from Gulf of Mexico grid zone 21.0 during 1992.

Species	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
FINFISH													
Atlantic croaker	0	0	0	0	18	0	0	0	0	0	0	0	18
Black drum	0	0	0	0	0	0	0	0	0	0	9121	10727	19848
Cobia	0	0	32	11	15	0	0	0	0	0	18	0	76
Dolphin	1144	177	70	674	1609	1003	3228	123	513	515	49	40	9145
Florida pompano	0	506	0	0	0	0	0	0	0	0	0	0	506
Flounder, unclassified	1072	1373	113	853	260	0	217	0	0	23	52	0	5282
Greater amberjack	76	667	476	205	118	25	0	0	0	0	0	0	3963
Grouper, scamp	101	221	463	708	109	0	189	0	0	0	0	74	1567
Grouper, unclassified	578	1765	201	1347	337	0	48	0	0	0	1740	0	3235
Grouper, warsaw	0	129	0	0	0	0	0	0	0	0	0	0	6016
Grouper, yellowedge	0	0	2	2	0	0	750	0	0	0	0	0	129
Herring, unclassified	0	0	0	0	0	0	0	0	0	0	0	0	754
Mullet, unclassified	0	0	0	0	0	0	0	0	0	0	0	48	48
Others, unknown	0	0	44	0	0	0	0	0	0	0	0	0	44
Porgy, unclassified	0	25	0	0	0	0	0	0	0	0	0	0	25
Seatrout, sand	106	148	0	2	9	0	0	0	0	0	0	0	265
Shark, shortfin mako	1065	10	0	218	0	379	0	0	0	0	0	0	1672
Shark, unclassified	71	275	0	384	293	0	0	121	264	13	0	327	1748
Snapper, red	52480	63966	88	39368	21691	23	0	0	234	0	745	0	178595
Snapper, unclassified	41	3694	13	20	20	0	0	0	0	0	0	0	3788
Snapper, vermillion	2193	2223	289	3458	467	388	1514	0	0	170	0	0	10702
Swordfish	10181	684	11272	1558	1745	520	1775	0	2302	9548	750	10535	50870
Tilefish	0	0	0	6	0	0	0	0	0	0	0	0	6
Triggerfish, gray	242	497	0	630	633	0	0	33	24	146	0	43	2248
Tuna, blackfin	0	0	0	0	0	0	0	0	0	0	5859	0	5859
Tuna, little	6508	0	0	0	0	0	0	0	0	17753	0	0	24261
Tuna, unclassified	37640	11839	3753	24369	26195	51231	4881	2704	16918	276	0	355	180161
Tuna, yellowfin	0	0	0	49	48	0	0	0	901	1831	0	4264	7093
Unclassified food	137	1179	412	1509	17	0	135	0	783	1388	615	375	6550
Unclassified scrap	1403	0	0	0	560	510	0	0	0	0	0	0	2473
Wahoo	127	81	0	89	1400	1188	914	59	959	56	0	121	4994
Total finfish	115165	89459	17228	75460	55544	55802	13603	3088	22898	31719	23796	28179	531941
SHELLFISH													
Crab, blue	0	0	0	8	35	0	0	0	0	0	0	0	43
Squid, unclassified	0	175	0	0	225	0	1433	150	798	50	65	186	3082
Total shellfish	0	175	0	8	260	0	1433	150	798	50	65	186	3125
Grand Total	115165	89634	17228	75468	55804	55802	15036	3238	23696	31769	23861	28365	535066

Table E.10. Ex-vessel (\$) value of each species, except shrimp, landed commercially from Gulf of Mexico grid zone 21.0 during 1992.

Species	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
FINFISH													
Atlantic croaker	0	0	0	0	29	0	0	0	0	0	0	0	29
Black drum	0	0	0	0	0	0	0	0	0	0	7570	6543	14114
Cobia	0	0	19	8	12	0	0	0	0	0	19	0	58
Dolphin	1096	177	70	674	1609	1003	3209	150	641	536	51	42	9258
Florida pompano	0	400	0	0	0	0	0	0	0	0	0	0	400
Flounder, unclassified	0	0	0	0	0	615	0	0	0	0	2712	1168	4496
Greater amberjack	708	906	79	778	205	0	217	0	0	22	55	0	2970
Grouper, scamp	59	1254	444	174	100	35	0	0	0	0	0	0	2066
Grouper, unclassified	86	188	394	627	93	0	217	0	0	0	2096	81	3781
Grouper, warsaw	430	1252	137	1270	277	0	0	48	0	0	1774	0	5187
Grouper, yellowedge	0	206	0	0	0	0	0	0	0	0	0	0	206
Herring, unclassified	0	0	0	1	0	0	338	0	0	0	0	0	338
Mullet, unclassified	0	0	0	0	0	0	0	0	0	0	0	60	60
Others, unknown	0	0	9	0	0	0	0	0	0	0	0	0	9
Porgy, unclassified	0	12	0	0	0	0	0	0	0	0	0	0	12
Seatrout, sand	37	52	0	1	2	0	0	0	0	0	0	0	93
Shark, shortfin mako	4260	18	0	474	0	534	0	0	0	0	0	0	5286
Shark, unclassified	14	58	0	65	53	0	0	121	51	4	0	105	471
Snapper, red	51565	60487	160	52262	26964	53	0	0	527	0	1676	0	193694
Snapper, unclassified	26	7361	8	14	14	0	0	0	0	0	0	0	7422
Snapper, vermilion	1947	1964	246	4109	519	660	2498	0	0	184	0	0	12126
Swordfish	45725	2648	33196	3895	5708	1965	3798	0	5452	15468	1911	28917	148683
Tilefish	0	0	2	0	0	0	0	0	0	0	0	0	2
Triggerfish, gray	85	174	0	120	120	0	0	8	12	70	0	16	604
Tuna, blackfin	0	0	0	0	0	0	0	0	0	0	11159	0	11159
Tuna, little	11389	0	0	0	0	0	0	0	0	39511	0	0	50900
Tuna, unclassified	124626	29954	9978	51713	21960	87634	3905	5001	28885	276	0	426	364357
Tuna, yellowfin	47	1097	410	1503	5	0	135	0	1081	6592	0	7675	15497
Unclassified food	1351	0	0	0	560	510	0	0	979	1735	368	469	6747
Unclassified scrap	127	101	0	89	1400	1188	914	59	901	63	0	137	4980
Wahoo	243577	108309	45148	117856	59701	94197	15231	5387	38529	64460	29391	45640	867425
Total finfish													
SHELLFISH													
Crab, blue	0	0	0	3	5	0	0	0	0	0	0	0	8
Squid, unclassified	0	44	0	0	79	0	1026	113	469	15	26	65	1836
Total shellfish	0	44	0	3	84	0	1026	113	469	15	26	65	1844
Grand Total	243577	108352	45148	117859	59785	94197	16257	5500	38998	64475	29417	45705	869269

Table E.11. Weight (lb) of each shrimp species (heads-on) landed commercially from the Gulf of Mexico during 1992.

Month	Brown and Pink	White	Other	Total
January	1,369,507	70,838	21,644	1,461,990
February	1,554,242	136,606	113,878	1,804,726
March	691,716	190,960	501,752	1,384,428
April	836,910	366,592	2,454,598	3,658,101
May	1,090,904	429,313	1,629,116	3,149,334
June	421,692	348,557	36,394	806,643
July	9,138,597	1,521,719	39,182	10,699,498
August	7,447,955	1,538,522	218,150	9,204,626
September	5,064,992	1,705,307	87,095	6,857,394
October	4,133,252	2,406,259	153,760	6,693,271
November	5,137,995	1,269,397	773,873	7,181,265
December	3,646,268	405,097	248,328	4,299,694
Total	40,534,031	10,389,168	6,277,770	57,200,969

Table E.12. Ex-vessel value (\$) of each shrimp species (heads-on) landed commercially from the Gulf of Mexico during 1992.

Month	Brown and Pink	White	Other	Total
January	3,496,815	147,847	8,394	3,653,056
February	3,920,358	231,827	46,192	4,198,377
March	1,781,908	405,846	224,185	2,411,939
April	2,363,570	817,880	1,456,481	4,637,931
May	1,874,114	1,205,789	505,957	3,585,860
June	845,472	892,481	26,609	1,764,562
July	16,967,232	5,482,984	14,090	22,464,306
August	17,430,708	3,079,558	83,991	20,594,257
September	13,870,910	3,874,244	27,500	17,772,654
October	10,811,692	5,674,915	51,428	16,538,035
November	12,470,991	2,973,270	258,766	15,703,027
December	9,454,758	1,111,024	78,547	10,644,329
Total	95,288,528	25,897,665	2,782,140	123,968,333

Appendix F. Weight (lb) and ex-vessel value (\$) of menhaden caught off Texas but landed commercially in Louisiana during 1977-1992.

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 1977-1992. 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

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 1977-1992.

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 1977-1992. 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

Table G.2. Total weight (lb x 1,000) of Eastern oyster meat transplanted to private oyster leases in Texas bay systems during 1978-1992. Data based on weekly oyster transplant reports submitted to TPWD by oyster leaseholders.^b

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

^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 1978-1992. Data based on monthly oyster harvest reports submitted to TPWD by oyster leaseholders.

Year	Months												Total
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1978	60.6	49.8	58.0	55.1	13.5	65.1	83.5	25.7	41.9	53.9	1.6	0.0	508.7
1979	0.4	1.4	0.7	0.0	0.0	0.0	6.2	0.0	0.0	14.1	9.9	5.6	38.3
1980	17.8	16.3	12.8	20.5	47.0	77.2	113.4	76.1	99.5	85.0	1.1	2.1	568.8
1981	26.1	36.3	30.5	38.1	47.6	62.6	67.2	35.1	22.7	49.3	31.4	28.8	475.7
1982	11.6	14.6	26.2	38.7	64.9	63.0	60.4	66.5	64.3	92.1	0.0	0.0	502.3
1983	0.0	25.4	35.6	82.4	120.9	198.9	164.6	65.1	64.5	88.8	11.2	6.9	864.3
1984	8.2	10.5	36.9	45.2	83.9	123.6	42.4	43.9	29.2	104.1	1.4	14.5	543.8
1985	5.4	0.0	0.0	6.8	42.4	84.1	83.0	58.4	40.3	65.0	0.0	0.0	385.4
1986	51.9	99.2	117.6	160.3	122.1	237.6	240.4	215.7	71.2	129.6	2.7	37.8	1,486.1
1987	0.0	110.6	64.5	91.2	167.3	256.8	159.2	120.8	62.4	65.9	54.4	11.3	1,164.4
1988	4.8	51.4	77.4	96.4	31.1	168.4	134.8	73.4	32.6	83.8	8.2	12.0	774.3
1989	31.1	65.5	87.6	75.2	92.1	139.2	0.0	60.4	68.6	81.3	1.9	14.4	717.3
1990	20.4	36.9	77.0	78.8	81.1	135.1	69.6	32.1	42.6	109.8	6.7	14.1	704.2
1991	2.0	18.1	2.2	27.9	193.8	130.4	133.8	124.5	142.1	127.2	0.2	0.4	902.6
1992	6.5	12.8	29.1	8.4	105.9	100.9	127.2	113.0	124.9	134.0	0.0	0.5	763.3

^aData prior to 1978 not available.

Appendix H. Number of commercial licenses sold in Texas in each fiscal year (September-August) from 1956-1992.

Table H.1. Number of commercial dealer licenses sold in Texas in each fiscal year from 1956 through 1992*. 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							
1956	2,675	1,444	75	3,936	157	96	0	0	0
1957	2,691	1,425	80	3,533	155	88	0	0	0
1958	2,792	1,376	84	4,391	142	76	0	0	0
1959	2,809	1,593	84	5,007	171	73	6	25	0
1960	3,163	1,491	86	4,043	175	81	18	582	0
1961	3,390	1,499	78	3,865	185	87	9	528	2
1962	3,388	1,549	63	3,421	187	72	10	502	5
1963	3,414	1,594	88	3,192	201	83	16	500	1
1964	3,485	1,650	76	3,260	205	69	29	476	3
1965	3,435	1,598	73	3,034	209	71	36	412	2
1966	3,467	1,617	65	2,968	234	78	28	417	1
1967	3,433	1,573	46	3,272	227	69	29	416	1
1968	3,455	1,619	57	3,030	241	74	37	432	1
1969	3,445	1,645	50	3,071	203	67	31	405	1
1970	3,574	1,599	53	3,169	211	62	33	408	1
1971	3,639	1,585	73	3,214	225	62	34	397	1
1972	3,758	1,543	96	3,113	219	52	33	439	1
1973	3,692	1,523	122	2,921	219	65	33	430	1
1974	3,721	1,478	167	2,456	251	54	27	417	0
1975	3,630	1,413	437	2,675	250	57	26	417	0
1976	3,513	1,450	489	2,998	241	53	27	423	0
1977	3,005	1,331	601	3,020	260	67	25	422	0
1978	2,920	1,301	786	2,991	259	77	27	419	0
1979	2,817	1,212	605	2,877	255	60	28	449	0
1980	2,449	1,124	544	2,853	265	44	30	476	0
1981	2,482	1,156	895	2,776	254	53	27	500	0
1982	2,256	1,144	1,287	2,828	307	82	29	520	0
1983	2,202	1,120	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	2,267	392	68	19	479	0
1992	3,355		689	2,544	433	83	16	398	0

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

^bLarge = Dealer located in a city with >40,000 population.

Medium = Dealer located in a city with 7,500 to 40,000 population.

Small = Dealer located in a city with <7,500 population.

^cBeginning in fiscal year 1984, all retail fish dealer licenses were combined into one category.

Table H.2. Number of commercial saltwater fishermen licenses sold in Texas in each fiscal year from 1956 through 1992. 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 Fishermen	Resident ^a Vessel	Resident Fishermen	Non-resident ^b	Menhaden only	Import
1956			10,382					
1957			10,072					
1958			15,554					
1959			16,338					
1960			18,695					
1961			23,634					
1962			23,497					
1963			27,617					
1964			28,586					
1965			27,428					
1966			28,461					
1967			30,902					
1968			25,278					
1969			27,757					
1970			31,642					
1971			34,268					
1972			36,431					
1973			38,539					
1974			32,454					
1975			27,386					
1976			26,641					
1977			27,359					
1978		541	28,425					
1979	32,823	605	4,379					
1980		636	19,660	0	2,291	46	558	
1981		635	14,205	2,632	3,581	444	80	
1982			13,427	2,691	3,870	16		336
1983			13,591	2,797	4,775	31		281
1984			12,357	2,535	5,503	11		205
1985			11,244	2,498	5,352	28		187
1986			10,803	2,288	1,742	46		221
1987			10,885	2,204	1,725	24		179
1988			10,429	2,172	1,348	20		155
1989			9,036	2,078	1,309	54		121
1990			7,707	1,965	988	71		92
1991			7,446	2,162	309	6		108
1992			6,264	2,070	311	2		106

^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 1992. 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 ^b	Commercial oyster dredge ^a	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	9,579	-	-	4

^aCommercial 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.

^bNetting in saltwater was prohibited September 1, 1988.

Table H.4. Number of commercial saltwater boat and vessel licenses sold in Texas in each fiscal year from 1956 through 1992. 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				
1960	2,280	21	1,755		1,846		
1961	1,616	24	1,947		2,506		
1962	1,396	24	1,655		2,456		
1963	1,314	13	1,636	24	3,328		
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)	551 (12)
1991	879 (2)	12	2,006 (568)	2,338 (5)		1,707 (3)	520 (29)
1992	1,246 (91)	13	1,850 (698)	1,925 (7)		1,533 (3)	414 (65)

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

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