# TRENDS IN TEXAS COMMERCIAL FISHERY LANDINGS, 1977-1988

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ABSTRACT

The Texas Parks and Wildlife Department in cooperation with the National Marine Fisheries Service collects data on commercially landed finfish and shellfish from Texas bays and from the Gulf of Mexico off Texas.

Shrimp continue to be the most important commercial seafood product landed in Texas. They represented an average 84%, by weight, of all seafood landed from 1977 through 1988 and more than 94% of the total ex-vessel value. During this period blue crabs, Eastern oysters and finfish comprised 9%, 4% and 4% of total landings respectively. Since 1977, the mean unit price (price per pound) paid to commercial fishermen for all shrimp has increased by 70%, while finfish prices increased 42%, Eastern oysters increased 48%, and blue crabs increased 57%.

Shrimp represented an average 83%, by weight, of all seafood landed in calendar year 1988 and 92% of the total 1988 ex-vessel value. During 1988 blue crabs, Eastern oysters and finfish comprised 10%, 2%, and 4% of the total landings respectively, and 2%, 3% and 2% of the total ex-vessel value respectively. Compared to 1987 prices, the average 1988 unit price for shrimp, finfish, blue crabs and Eastern oysters increased 4%, 11%, 9% and 5% respectively.

The total reported landings and ex-vessel value for 1988 were 17% and 7% less than the record values of 1986. Total coastwide landings were more than 96 million pounds and ex-vessel value was over $181 million.

## 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 (Osburn and Ferguson 1987).

Commercial landings of marine species from Texas bays and the Gulf of Mexico (Gulf) off Texas (Fig. 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 the marine fishes, oysters, crabs and shrimp through a mandatory self-reporting system known as the Monthly Marine Products Report (MMPR, Fig. 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 (Fig. 3).

From 1977-1981, additional landings information, including daily landings by species, was required of commercial finfish fishermen through the use of Individual Sales Transaction (IST) forms (Fig. 4). 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 presents the landings and ex-vessel value of self-reported transactions from seafood dealers to TPWD, and landings and ex-vessel value data collected by NMFS, from 1977 through 1988.

## MATERIALS AND METHODS

Licensed seafood dealers were required to complete an MMPR each month, listing the total weight and price paid for each species purchased from commercial fishermen (Table 1). An MMPR from each dealer, detailing the preceding months transactions, was received 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 MMPRs 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 fisherman fishing in 1988 were subject to the fishing regulations listed in Table 2.

All MMPRs were checked for completeness by TPWD personnel. Suspected errors were corrected after contacting the submitting dealer to check the questionable information and verify any necessary corrections. All seafood products, except Eastern oysters (Crassostrea virginica), which were not reported in live weight by dealers were converted to live weight (round weight) using conversion factors listed in Appendix A. Eastern oyster landings were converted to meat weight (Appendix A, Table A.3).

Landings of Eastern oysters from leases were reported by leaseholders through MMPRs, monthly landings forms submitted to the Seabrook office of TPWD (Fig. 5) and annual summary forms (Fig. 6) submitted to the Austin Headquarters of TPWD. In the case of discrepancies between monthly and annual summaries, the highest values for landings were used. Eastern oyster landings presented in this report, except for those listed in Appendix G, represent MMPR data only and are comprised of landings from both private leases and public reefs. Eastern oyster landings in Appendix G are from private leases only.

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. Monthly shrimp landings for 1987 and 1988, as reported to TPWD by NMFS, are preliminary data and may be revised.

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 12-year period of 1977-88 more than 1.2 billion pounds of seafood products valued at more than $2.1 billion were reported harvested from Texas bays and the Gulf of Mexico, and landed in Texas (Tables 3-16). Shrimp, as a group, represented approximately 84% of the landings by weight and 94% of the total ex-vessel value. Blue crabs (Callinectes sapidus), primarily from bay waters, represented 9% of the landings and 2% of the ex-vessel value. Eastern oysters, harvested from bays only, represented 3% of the landings and 3% of the ex-vessel value. Finfish collectively represented 4% of the landings and 2% of the ex-vessel value (Fig. 7.A). Gulf landings constituted 68% of total landings and 87% of the total ex-vessel value, indicating that Gulf landings were 2.5 times more valuable per pound than bay landings (Fig. 7.A). Total coastwide annual landings fluctuated around 100 million pounds during this period, ranging from 81 to 116 million, while total ex-vessel values ranged from $133 to $246 million (Fig. 7.B).

During this period, total coastwide bay landings ranged from 24 to 40 million pounds per year and ex-vessel values ranged from $17 to $41 million annually. The largest annual landings and greatest ex-vessel values were

reported for the Galveston Bay system which accounted for 32% of the total bay landings and 38% of the total bay ex-vessel value. The East Matagorda Bay and Sabine Lake systems each accounted for approximately 1% of the landings and less than 1% of the value. (Fig. 8.A and Appendix B).

During this period, total coastwide Gulf landings ranged from 53 to 82 million pounds per year and ex-vessel values ranged from $126 to $206 million annually. The most productive offshore Gulf area with respect to products landed (excluding shrimp) during the 12-year period was grid zone 18.0, offshore from the Galveston Bay system. Approximately 32% of total coastwide Gulf landings was harvested from grid zone 18.0 but it accounted for only 30% of the total ex-vessel value. Grid zone 21.0, offshore from the lower Laguna Madre system, accounted for 24% of the Gulf landings and 26% of the total coastwide ex-vessel value. The least productive Gulf area with respect to landings was grid zone 17.0 offshore from the Sabine Lake system. It accounted for 11% of the landings and less than 11% of the ex-vessel value (Fig. 8.B and Appendix C).

A comparison of percent total coastwide landings by bay systems from 1977 through 1988 indicate that landings from the Galveston Bay system were generally predominant in all product groups (Fig. 9.A-D and 10.A). Shrimp as a group and blue crabs were landed predominantly from the Galveston, Matagorda, San Antonio and Aransas Bay systems. Eastern oysters were landed from the Galveston, Matagorda, San Antonio and Aransas Bay systems. Finfish were landed predominantly from the Galveston, Corpus Christi, upper and lower Laguna Madre Bay systems (Fig. 10.A).

A comparison of percent total coastwide finfish landings by Gulf grid zones from 1977 through 1988 indicates most landings came from grid zone 18.0 and 21.0 (Fig. 10.B).

Annual mean coastwide bay and Gulf landings of brown shrimp (*Penaeus aztecus*) and pink shrimp (*P. duorarum*) from 1977-88 constituted 74%, by weight, of all shrimp landed and represented 75% of the total coastwide ex-vessel value. White shrimp (*P. setiferus*) accounted for 24% of the landings and 24% of the ex-vessel value. All other shrimp accounted for 1% of the landings and less than 1% of the ex-vessel value. Brown and pink shrimp landings have generally remained stable during this 12-year period while white shrimp landings have generally increased. The ex-vessel values of all shrimp species have generally increased since 1977 (Fig. 11.A-D).

The coastwide annual landings for all shrimp combined ranged from 68 to 97 million pounds while ex-vessel values ranged from $126 to $229 million (Fig. 11.D). Annual blue crab landings ranged from 7.2 to 11.7 million pounds while ex-vessel values ranged from $1.9 to $4.5 million (Fig. 12.A). Eastern oyster landings and ex-vessel values increased sharply after 1981 and peaked in 1983 at 8 million pounds and $11 million respectively. Eastern oyster landings were over 5 million pounds from 1984-86 but fell to 2.3 million in 1988 (Fig. 12.B). The landings and ex-vessel values of all other shellfish increased steadily after 1983, principally due to increased landings of stone crabs (*Menippe mercinaria*) (Table 9,10,15,16; Fig. 12.C). Total shellfish landings reflect primarily shrimp landings and have fluctuated around 95

million pounds annually ranging from 77 to 113 million. Annual ex-vessel values for all shellfish increased every year, except 1980 and 1985 but has decreased since 1986. The greatest relative increase in ex-vessel value occurred in 1986 (Fig. 12.D).

From 1977 to 1981 red drum (Sciaenops ocellatus), spotted seatrout (Cynoscion nebulosus) and black drum (Pogonias cromis) constituted 71-73% of the weight and 70-80% of the value of all finfish landings (Tables 3-8, 13 and 14). The 67th Legislature prohibited the sale of red drum and spotted seatrout effective 1 September 1981. The landings of black drum, flounder (Paralichthys sp.), sheepshead (Archosargus probatocephalus and snapper (Lutjanidae) increased following the prohibition of red drum and spotted seatrout sales in 1981 (Fig. 13.A-D). By 1986 black drum and sheepshead landings had dropped to their lowest levels since 1977, and flounder and snapper landings were at their highest levels in 1982 (Fig. 13.A-D). In 1988 snapper and sheepshead landings increased while black drum and flounder landings decreased sharply. During 1988 black drum, flounder and snapper landings comprised 47% of all finfish landings and 54% of the total ex-vessel value for finfish. The annual landings and ex-vessel values of other finfish and total finfish between 1977 and 1981 (Tables 7,8,13,14; Fig. 14.A and B), include red drum and spotted seatrout. The annual landings of other finfish, excluding red drum and spotted seatrout, fluctuated around 460,000 pounds from 1977 to 1985 when landings increased sharply to more than 1.2 million pounds, reflecting primarily an increase in landings of Gulf species. From 1977 to 1988 total finfish landings, excluding red drum and spotted seatrout, ranged from 1.5 to 3.8 million pounds annually with mean landings of 2.9 million pounds annually (Fig. 14.B).

Since 1977 the mean price per pound paid to commercial fishermen for shrimp has ranged from $1.37-$2.48 with an overall mean of $2.00. Finfish prices ranged from $0.44-$1.18 averaging $0.76, Eastern oyster prices ranged from $1.16-$2.50 averaging $1.65 and blue crabs ranged from $0.26-$0.42 averaging $0.32. In 1988 snapper had the highest ex-vessel unit price ($1.94/lb) of the major finfish species landed while Eastern oyster had the highest unit price of the major shellfish species ($2.49/lb)(Tables 17 and 18).

Monthly summaries of landings and ex-vessel values for Texas bay systems and for grid zones of the Gulf during 1988 are presented in Appendices D and E, respectively. Weight and value varied among bay systems and grid zones by month and species. Nearly 66% of the weight and 62% of the ex-vessel value of brown and pink shrimp from the Gulf in 1988 was landed during July-October. More than 77% of the weight and 71% of the value of white shrimp from the Gulf in 1988 was landed during August-November.

Annual weight and ex-vessel value of menhaden (Brevoortia sp.) caught off Texas but landed commercially in Louisiana during 1977-1988 are presented in Appendix F. Weight and ex-vessel value have annually averaged 99,737,000 pounds and $4,202,000, respectively.

The volume of Eastern oysters transplanted annually to private oyster leases in Texas bays, the quantities of oysters harvested annually from leases

and their ex-vessel values from 1977 to 1988 are presented in Appendix G. Lease numbers and acreage increased from 1977 through 1983, but weight and ex-vessel value of landings have fluctuated widely among years. During 1988 801,500 pounds of meat valued at $2,002,200 was landed in Texas from oyster leases.

The number of commercial licenses sold in Texas in each fiscal year (September-August) from 1956 to 1988 are presented in Appendix H. Retail fish dealer licenses sold in 1988 (4,164) decreased 33% from 1986 but increased 4% from 1987. Wholesale fish dealer licenses sold in 1988 (478) increased 3% from 1986 and 28% from 1987.

## DISCUSSION

Commercial fishing continues to be an important industry in Texas. Approximately 98 million pounds of seafood with an average ex-vessel value of $175 million are reported landed annually. 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 does not include over 99 million pounds of menhaden worth over $4,000,000 (ex-vessel) that are annually caught 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 landings of these two species combined. The value of the bay fishery relies primarily on white shrimp followed by brown and pink shrimp, Eastern oyster, blue crab and finfish in order of decreasing value.

Although commercial landings data have been used to determine the relative abundance of the resource, several assumptions must be made. In particular, the amount of inaccurate or incomplete reporting is typically unknown and must be considered constant when making temporal or spatial comparisons. Different reporting requirements can affect the amount of non-reporting and, thus, an estimate 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 subsequent enforcement also affect the utility of commercial landings data. The 69th Legislature enacted legislation, effective 1 September 1985, which increased the maximum penalty to $200 and possible license forfeiture for failing to file a required report (Anonymous 1985). 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 to be sold as bait is not reportable. 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 MMPRs 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 | *Lepisosteus spatula* |
| Atlantic croaker | *Micropogonias undulatus* |
| Atlantic cutlassfish | *Trichirurus lepturus* |
| Atlantic moonfish | *Selene setapinnis* |
| Atlantic spadefish | *Chaetodipterus faber* |
| Black drum | *Pogonias cromis* |
| Bluefish | *Pomatomus saltatrix* |
| Cobia | *Rachycentron canadum* |
| Codfish | Family Gadidae |
| Crevalle jack | *Caranx hippos* |
| Cusk Eel | Family Ophidiidae |
| Dolphin | *Coryphaena hippurus* |
| Flounder | |
| Gulf flounder | *Paralichthys albigutta* |
| Southern flounder | *Paralichthys lethostigma* |
| Florida pompano | *Trachinotus carolinus* |
| Gafftopsail catfish | *Bagre marinus* |
| Great barracuda | *Sphyraena barracuda* |
| Greater amberjack | *Seriola dumerila* |
| Grouper | |
| Black grouper | *Mycteroperca bonaci* |
| Jewfish | *Epinephelus itajara* |
| Nassau grouper | *Epinephelus striatus* |
| Scamp | *Mycteroperca phenax* |
| Warsaw grouper | *Epinephelus nigritus* |
| Yellowedge grouper | *Epinephelus flavolimbatus* |
| Yellowfin grouper | *Mycteroperca venenosa* |
| Yellowmouth grouper | *Mycteroperca interstitialis* |
| Gulf butterfish | *Peprilus burti* |
| Kingfish | |
| Gulf kingfish | *Menticirrhus littoralis* |
| Southern kingfish | *Menticirrhus americanus* |
| Mackerel | |
| King mackerel | *Scomberomorus cavalla* |
| Spanish mackerel | *Scomberomorus maculatus* |
| Menhaden | *Brevoortia* sp. |
| Mullet | |
| Striped mullet | *Mugil cephalus* |
| White mullet | *Mugil curema* |
| Red drum | *Sciaenops ocellatus* |
| Sand seatrout | |
| Sand seatrout | *Cynoscion arenarius* |
| Silver seatrout | *Cynoscion nothus* |
| Shark | |
| Atlantic sharpnose | *Rhizoprionodon terraenovae* |
| Blacktip | *Carcharhinus limbatus* |
| Bull | *Carcharhinus leucas* |
| Great hammerhead | *Sphyrna mokarran* |
| Shortfin mako | *Isurus oxyrinchus* |
| Sheepshead | *Archosargus probatocephalus* |
| Snapper | |
| Lane snapper | *Lutjanus synagris* |
| Red snapper | *Lutjanus campechanus* |
| Vermilion snapper | *Rhomboplites aurorubens* |
| Yellowtail snapper | *Ocyuros chrysurus* |
| Spotted seatrout | *Cynoscion nebulosus* |
| Stingray | Family Dasyatidae |
| Swordfish | *Xiphias gladius* |
| Tilefish | *Lopholatilus chamaeleonticeps* |
| Triggerfish, gray | *Balistes capriscus* |
| Tuna | |
| Atlantic bonita | *Sarda sarda* |
| Blackfin tuna | *Thunnus atlanticus* |
| Bluefin tuna | *Thunnus thynnus* |
| Yellowfin tuna | *Thunnus albacares* |
| Wahoo | *Acanthocybium solanderi* |
| SHELLFISH | |
| Atlantic bay scallop | *Argopecten irradians* |
| Crab | |
| Blue crab | *Callinectes sapidus* |
| Stone Crab | *Menippe mercinaria* |
| Eastern oyster | *Crassostrea virginica* |
| Lobster | |
| Shovelnose | Family Scyllaridae |
| Spiny | *Panulirus argus* |
| Mantis Shrimp | *Squilla empusa* |
| Shrimp | |
| Brown shrimp | *Penaeus aztecus* |
| White shrimp | *Penaeus setiferus* |
| Pink shrimp | *Penaeus duorarum* |

Table 1. (Cont'd).

| Common name | Scientific name[a] |
|---|---|
| Other shrimp | |
| Rock shrimp | *Sicyonia brevirostris* |
| Royal red shrimp | *Hymenopenaeus robustus* |
| Seabob | *Xiphopeneus kroyeri* |
| Squid | |
| Brief squid | *Lolliguncula brevis* |
| Long-finned squid | *Loligo pealei* |

[a] Scientific names provided by Robins et al. (1980), Christmas and Etzold (1977), Hofstetter (1977) Leary (1967) and Rathjen (1973).

Table 2. Summary of commercial fishing regulations in Texas marine waters during 1988.

| Organism | Method | Location | Product | Open Season | Time[a] | Exceptions |
|---|---|---|---|---|---|---|
| Shrimp | Trawl | Bait and major bays | Bait[b] | All year | 24 h | Night[c] trawling prohibited from 15 Aug until 15 Dec, inclusively, except in Laguna Madre. |
| | Trawl | Major bays | All[b] | 15 May-15 Jul<br>15 Aug-15 Dec | Day[d] | None |
| | Trawl | Gulf (0-7 fathoms) | All[b] | All year | Day[d] | Trawling prohibited from 4-7 fathoms 1 Jun to 15 Jul, inclusively. Trawling for white shrimp allowed during day[d] in 0-4 fathoms. |
| | Trawl | Gulf (>7 fathoms) | All[b] | All year | 24 h | Trawling prohibited beyond 7 fathoms from 1 Jun to 15 Jul, inclusively. |
| Crabs | Trap, trawl, net, hook and line | Bays[e], Gulf[f] | All | All year | 24 h | None |
| Oysters | Dredge | Bays[e] | Market Oyster | 1 Nov-30 Apr | Day[d] | Seasons may be modified by Texas Dept. of Health and/or Texas Parks and Wildlife. |
| Finfish | Traps (perch) | Bays[e], Gulf[f] | Bait | All year | 24 h | None |
| | (snapper) | Gulf[f] | Snapper | All year | 24 h | Prohibited within 1 mile of any shoreline. |
| | Trotline | Bays[e], Gulf[f] | All[b] | By county | 24 h | Legal in all counties with restrictions[g] and, Harris[h]; Chambers[h]. |
| | Nets (seine) | Gulf[f] | All[b] | By county | 24 h | |
| | (purse) | Gulf[f] | Menhaden | [j] | 24 h | Legal in gulf waters of all coastal counties, but prohibited within 1/2 mile of any shoreline or within 1 mile of any pass. |
| | Trawls | Gulf[f] | All[b] | By county | 24 h | Trawling legal in gulf waters of Aransas, Brazoria, Jefferson, Matagorda and Willacy counties. |

Restrictions and Definitions:
[a]Gear fishing time.
[b]Reddrum and spotted seatrout excluded.
[c]Night is defined as the time between 30 min. after sunset and 30 min. before sunrise.
[d]Day is defined as the time between 30 min. before sunrise and 30 min. after sunset.
[e]Permitted in designated portions of bays.
[f]Permitted in gulf waters with restrictions.
[g]All gear must be removed from the water between 1 pm Friday and 1 pm Sunday.
[h]Netting prohibited from Saturday of Memorial Day weekend until sunset on Labor Day.
[i]Netting prohibited from 15 May though 15 Aug.
[j]Netting prohibited in May, Jun, Jul and Aug.
[k]Netting permitted from third Monday of Apr until Friday after second Tuesday of Oct.

Table 3. Texas commercial finfish and shellfish landings (lb x 1000) during 1977-1988. Data based on MMPR.

| | Finfish | | | | | | Shellfish | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Shrimp | | | | | | | | |
| Year | Black drum | Flounder | Sheepshead | Snapper | Other | Total | Brown and pink | White | Other | Total | Blue crab | Eastern oyster | Other | Total | Grand Total |
| 1977 | 1,453.5 | 310.9 | 293.9 | 440.0 | 2,795.8 | 5,294.1 | 71,897.5 | 19,420.2 | 260.3 | 91,578.0 | 8,248.6 | 2,600.5 | 13.8 | 102,440.9 | 107,735.0 |
| 1978 | 1,785.5 | 237.1 | 327.9 | 388.3 | 2,447.7 | 5,186.5 | 62,329.7 | 21,464.7 | 332.3 | 84,126.7 | 7,469.6 | 1,907.0 | 15.5 | 93,518.8 | 98,705.3 |
| 1979 | 1,531.4 | 232.5 | 406.1 | 214.7 | 2,163.8 | 4,548.3 | 50,459.3 | 16,474.2 | 719.2 | 67,652.7 | 8,311.5 | 888.8 | 0.9 | 76,853.9 | 81,402.2 |
| 1980 | 1,058.4 | 194.9 | 473.5 | 231.6 | 2,392.4 | 4,350.8 | 58,332.0 | 14,235.3 | 1,330.2 | 73,897.5 | 8,953.0 | 1,738.5 | 0 | 84,589.0 | 88,939.8 |
| 1981 | 663.8 | 130.5 | 202.8 | 165.9 | 1,513.5 | 2,676.5 | 78,494.0 | 16,160.5 | 1,075.7 | 95,730.2 | 6,952.0 | 1,309.4 | 0 | 103,991.6 | 106,668.1 |
| 1982 | 1,249.0 | 535.9 | 322.4 | 369.6 | 524.0 | 3,000.9 | 51,386.4 | 18,288.1 | 1,211.1 | 70,885.6 | 8,009.9 | 3,633.1 | 13.4 | 82,542.0 | 85,542.9 |
| 1983 | 1,492.8 | 474.3 | 275.9 | 261.9 | 425.6 | 2,930.5 | 50,707.3 | 20,369.5 | 916.9 | 71,993.7 | 8,829.1 | 7,940.8 | 7.8 | 88,771.4 | 91,701.9 |
| 1984 | 900.2 | 380.1 | 179.2 | 452.2 | 367.1 | 2,278.8 | 62,051.7 | 27,952.1 | 232.5 | 90,236.3 | 7,228.6 | 5,167.7 | 46.0 | 102,678.6 | 104,957.4 |
| 1985 | 643.9 | 443.5 | 183.2 | 663.5 | 1,258.8 | 3,192.9 | 57,432.1 | 24,202.3 | 606.1 | 82,240.5 | 9,722.0 | 5,133.9 | 171.7 | 97,268.1 | 100,461.0 |
| 1986 | 588.0 | 560.3 | 131.2 | 916.1 | 1,102.6 | 3,298.2 | 67,782.6 | 27,748.2 | 1,743.2 | 97,274.0 | 9,481.9 | 5,649.3 | 199.5 | 112,604.7 | 115,902.9 |
| 1987 | 858.7 | 551.3 | 132.9 | 701.5 | 1,147.5 | 3,391.9 | 68,726.4 | 19,652.9 | 5,123.6 | 93,502.9 | 11,688.5 | 2,897.1 | 122.7 | 108,211.2 | 111,603.1 |
| 1988 | 714.4 | 273.5 | 167.9 | 806.8 | 1,882.2 | 3,844.7 | 58,874.5 | 16,510.3 | 4,670.6 | 80,055.4 | 10,009.6 | 2,269.6 | 294.5 | 92,629.1 | 96,473.9 |

Table 4. Texas commercial finfish and shellfish ex-vessel value ($ x 1000) during 1977-1988. Data based on MMPR.

| | Finfish | | | | | | Shellfish | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Shrimp | | | | | | | | |
| Year | Black drum | Flounder | Sheepshead | Snapper | Other | Total | Brown and pink | White | Other | Total | Blue crab | Eastern oyster | Other | Total | Grand Total |
| 1977 | 399.8 | 170.8 | 28.8 | 420.9 | 1,324.5 | 2,344.8 | 100,815.9 | 24,627.2 | 235.2 | 125,678.3 | 1,946.7 | 2,991.7 | 4.2 | 130,620.9 | 132,965.7 |
| 1978 | 607.5 | 173.2 | 39.2 | 403.5 | 1,447.7 | 2,671.1 | 101,798.7 | 38,837.6 | 344.6 | 140,980.9 | 2,003.8 | 2,205.6 | 4.4 | 145,194.7 | 147,865.8 |
| 1979 | 602.3 | 190.1 | 55.8 | 261.6 | 1,518.6 | 2,628.4 | 117,273.3 | 34,687.5 | 381.0 | 152,341.8 | 2,146.1 | 1,048.7 | 0.2 | 155,536.8 | 158,165.2 |
| 1980 | 539.8 | 153.7 | 66.5 | 351.3 | 2,044.5 | 3,155.8 | 113,972.9 | 25,637.8 | 433.2 | 140,043.9 | 2,455.8 | 2,692.3 | 0 | 145,192.0 | 148,347.8 |
| 1981 | 378.1 | 138.3 | 42.0 | 267.8 | 1,487.4 | 2,313.6 | 133,226.9 | 31,774.9 | 317.9 | 165,319.7 | 1,928.5 | 2,150.7 | 0 | 169,398.9 | 171,712.5 |
| 1982 | 782.5 | 521.4 | 79.7 | 669.2 | 136.8 | 2,189.6 | 131,658.5 | 43,724.9 | 504.4 | 175,887.8 | 2,375.1 | 5,313.7 | 5.0 | 183,581.6 | 185,771.2 |
| 1983 | 971.0 | 445.6 | 66.0 | 383.5 | 118.5 | 1,984.6 | 125,430.4 | 45,682.8 | 330.6 | 171,443.8 | 3,250.3 | 11,336.7 | 3.2 | 186,034.0 | 188,018.6 |
| 1984 | 449.3 | 351.0 | 36.8 | 818.3 | 119.5 | 1,774.9 | 125,724.7 | 53,607.1 | 198.5 | 179,530.3 | 2,252.5 | 8,308.7 | 22.9 | 190,114.4 | 191,889.4 |
| 1985 | 427.3 | 445.3 | 41.1 | 1,242.4 | 555.9 | 2,712.0 | 113,421.2 | 47,796.6 | 164.9 | 161,382.7 | 3,309.7 | 8,754.9 | 127.7 | 173,575.0 | 176,287.0 |
| 1986 | 411.2 | 540.3 | 35.6 | 1,708.4 | 901.4 | 3,596.9 | 167,301.9 | 60,882.5 | 925.6 | 229,110.0 | 3,170.5 | 10,486.8 | 106.8 | 242,874.1 | 246,471.0 |
| 1987 | 598.1 | 538.8 | 37.8 | 1,313.9 | 1,122.2 | 3,610.9 | 144,691.4 | 37,611.8 | 3,647.3 | 185,950.5 | 4,474.0 | 6,891.4 | 57.6 | 197,373.5 | 200,984.4 |
| 1988 | 542.3 | 337.2 | 47.6 | 1,563.1 | 2,036.6 | 4,526.5 | 130,497.7 | 33,872.1 | 2,546.4 | 166,916.3 | 4,155.9 | 5,669.6 | 149.7 | 176,891.7 | 181,418.3 |

Table 5. Weight (lb x 1000) of each species landed commercially from Texas bay systems during 1977-1988. Data based on MMPR.

| | Finfish | | | | | | | | | | Shellfish | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Unclassified | | | Shrimp | | | | | | | | |
| Year | Black drum | Flounder | Atlantic croaker | Gafftopsail catfish | Sheepshead | Mullet | Other | Food | Scrap | Total | Brown and pink | White | Other | Total | Blue crab | Eastern oyster | Other | Total | Grand Total |
| 1977 | 1,390.7 | 210.4 | 30.0 | 60.8 | 260.0 | 7.8 | 2,148.3 | 44.1 | 140.5 | 4,292.7 | 4,711.1 | 9,391.4 | 1.6 | 14,104.1 | 8,237.4 | 2,600.5 | 5.3 | 24,947.3 | 29,240.0 |
| 1978 | 1,752.3 | 192.7 | 19.8 | 50.4 | 317.0 | 8.1 | 1,983.9 | 80.0 | 51.6 | 4,455.8 | 5,089.4 | 8,293.2 | 0 | 13,382.6 | 7,467.8 | 1,907.0 | 4.3 | 22,761.7 | 27,217.5 |
| 1979 | 1,504.7 | 206.8 | 16.4 | 39.0 | 383.5 | 82.5 | 1,595.9 | 81.9 | 44.8 | 3,955.5 | 7,194.3 | 8,027.7 | 0 | 15,222.0 | 8,311.0 | 888.8 | 0.3 | 24,422.1 | 28,377.6 |
| 1980 | 1,047.2 | 149.8 | 13.6 | 45.3 | 466.4 | 87.3 | 2,044.9 | 31.0 | 44.8 | 3,930.3 | 8,031.4 | 6,813.2 | 4.7 | 14,849.3 | 8,949.3 | 1,738.5 | 0 | 25,537.1 | 29,467.4 |
| 1981 | 649.5 | 101.8 | 2.2 | 6.9 | 193.7 | 85.2 | 1,240.8 | 19.3 | 9.7 | 2,309.1 | 7,156.3 | 6,096.0 | 0 | 13,252.3 | 6,945.6 | 1,389.4 | 0 | 21,587.3 | 23,896.4 |
| 1982 | 1,224.5 | 439.4 | 60.4 | 15.7 | 303.6 | 137.7 | 51.5 | 23.2 | 45.1 | 2,301.1 | 6,837.4 | 7,435.9 | 0.6 | 14,273.8 | 8,007.2 | 3,633.1 | 10.1 | 25,924.2 | 28,225.3 |
| 1983 | 1,480.8 | 399.4 | 19.5 | 37.5 | 272.2 | 100.1 | 15.0 | 42.1 | 71.5 | 2,438.1 | 10,050.2 | 8,033.3 | 0 | 18,083.5 | 8,794.0 | 7,940.7 | 2.6 | 34,820.8 | 37,258.9 |
| 1984 | 869.3 | 301.1 | 1.8 | 22.1 | 168.1 | 74.0 | 8.5 | 19.0 | 54.4 | 1,518.3 | 11,719.0 | 10,509.6 | 0.2 | 22,228.8 | 7,201.2 | 5,167.7 | 25.0 | 34,622.7 | 36,141.1 |
| 1985 | 632.0 | 369.6 | 35.8 | 27.2 | 157.0 | 253.5 | 13.3 | 48.3 | 250.9 | 1,787.6 | 9,178.0 | 7,101.5 | 3.0 | 16,282.5 | 9,691.0 | 5,133.9 | 153.5 | 31,261.0 | 33,048.4 |
| 1986 | 572.4 | 493.3 | 36.6 | 17.5 | 112.7 | 112.2 | 22.9 | 32.5 | 103.2 | 1,503.2 | 9,556.0 | 10,894.0 | 1.4 | 20,451.4 | 9,399.1 | 5,649.3 | 184.6 | 35,684.4 | 37,187.6 |
| 1987 | 762.2 | 481.7 | 41.7 | 7.6 | 100.6 | 223.3 | 13.7 | 15.0 | 63.1 | 1,711.3 | 13,658.6 | 10,027.8 | 5.5 | 23,691.9 | 11,651.2 | 2,897.1 | 106.3 | 38,346.5 | 40,057.9 |
| 1988 | 505.9 | 208.3 | 14.1 | 8.0 | 149.9 | 65.7 | 259.5 | 32.5 | 207.4 | 1,211.4 | 11,949.7 | 7,428.4 | 3.6 | 19,381.6 | 9,923.0 | 2,269.3 | 278.5 | 31,852.4 | 33,063.8 |

Table 6. Ex-vessel ($ x 1000) of each species landed commercially from Texas bay systems during 1977-1988. Data based on MMPR.

| | Finfish | | | | | | | | | | Shellfish | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Unclassified | | | Shrimp | | | | | | | | |
| Year | Black drum | Flounder | Atlantic croaker | Gafftopsail catfish | Sheepshead | Mullet | Other | Food | Scrap | Total | Brown and pink | White | Other | Total | Blue crab | Eastern oyster | Other | Total | Grand Total |
| 1977 | 387.8 | 121.7 | 3.3 | 9.7 | 23.3 | 1.6 | 1,149.1 | 8.5 | 18.9 | 1,724.0 | 2,823.7 | 8,270.3 | 0.3 | 11,094.3 | 1,944.5 | 2,991.7 | 1.8 | 16,032.3 | 17,756.2 |
| 1978 | 600.7 | 149.1 | 2.2 | 12.2 | 37.6 | 0.9 | 1,333.5 | 15.5 | 6.0 | 2,157.7 | 1,917.8 | 10,693.1 | 0 | 12,610.9 | 2,003.6 | 2,205.6 | 1.2 | 16,821.3 | 18,979.0 |
| 1979 | 593.5 | 173.6 | 2.7 | 8.6 | 52.0 | 7.7 | 1,345.4 | 14.4 | 4.0 | 2,201.9 | 6,095.0 | 11,111.8 | 0 | 17,206.8 | 2,146.5 | 1,048.7 | 0.1 | 20,401.6 | 22,603.5 |
| 1980 | 536.7 | 122.6 | 1.8 | 10.3 | 65.1 | 6.3 | 1,930.7 | 10.1 | 5.5 | 2,689.1 | 6,830.8 | 10,067.5 | 1.4 | 16,899.7 | 2,455.0 | 2,692.3 | 0 | 22,047.0 | 24,736.1 |
| 1981 | 373.6 | 117.7 | 0.5 | 1.6 | 40.3 | 5.8 | 1,387.2 | 5.2 | 1.3 | 1,933.2 | 4,157.5 | 7,233.7 | 0 | 11,391.2 | 1,926.8 | 2,150.7 | 0 | 15,468.7 | 17,401.9 |
| 1982 | 773.5 | 439.0 | 10.6 | 4.2 | 74.7 | 14.5 | 12.2 | 7.5 | 5.0 | 1,341.2 | 5,621.2 | 12,924.0 | 0.2 | 18,545.4 | 2,374.3 | 5,313.7 | 4.0 | 26,237.4 | 27,578.6 |
| 1983 | 965.4 | 394.4 | 4.2 | 7.8 | 65.1 | 11.1 | 5.1 | 16.6 | 10.8 | 1,480.5 | 12,022.0 | 12,608.8 | 0 | 24,630.8 | 3,239.6 | 11,336.7 | 1.3 | 39,208.3 | 40,688.8 |
| 1984 | 440.0 | 295.4 | 0.5 | 5.3 | 34.3 | 8.3 | 4.1 | 6.2 | 7.6 | 801.7 | 8,964.2 | 13,311.6 | 0.3 | 22,276.1 | 2,245.5 | 8,308.7 | 13.3 | 32,843.6 | 33,645.3 |
| 1985 | 421.1 | 382.5 | 6.6 | 6.8 | 36.3 | 25.5 | 6.3 | 20.3 | 18.4 | 923.9 | 5,885.6 | 9,435.8 | 0.8 | 15,322.2 | 3,301.1 | 8,754.9 | 117.8 | 27,496.1 | 28,419.9 |
| 1986 | 402.3 | 485.5 | 8.4 | 4.9 | 30.0 | 12.5 | 16.0 | 10.9 | 15.1 | 985.6 | 9,090.5 | 16,213.3 | 0.9 | 25,304.7 | 3,138.1 | 10,486.8 | 100.0 | 39,029.6 | 40,015.2 |
| 1987 | 532.3 | 477.5 | 13.1 | 2.1 | 27.3 | 20.8 | 7.9 | 5.5 | 8.0 | 1,094.6 | 13,721.2 | 13,546.3 | 3.3 | 27,270.8 | 4,461.3 | 6,891.4 | 50.6 | 38,674.1 | 39,768.8 |
| 1988 | 420.8 | 277.7 | 3.4 | 2.6 | 41.4 | 10.9 | 13.2 | 35.6 | 74.0 | 879.6 | 11,366.7 | 10,649.4 | 1.8 | 22,018.0 | 4,123.2 | 5,669.2 | 142.5 | 31,952.9 | 32,832.5 |

Table 7. Weight (lb x 1000) of "other" finfish species landed commercially from Texas bay systems during 1977-1988. Data based on MMPR.

| Species | Year | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 |
| Alligator gar | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.0 | 6.8 |
| Atlantic cutlassfish | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.9 | 0 |
| Atlantic moonfish | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.1 | 0.1 | 0 | 0 |
| Atlantic spadefish | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.5 | 0 | 0.4 | 0 | 0 |
| Florida pompano | 0.4 | 0.5 | 2.1 | 0.4 | 0.2 | 0.2 | 5.1 | 2.0 | 2.7 | 1.7 | <.1 | 3.4 |
| Gulf butterfish | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.1 | 0 | 0 |
| Kingfish, southern | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | <.1 | 0.1 |
| Kingfish, unclassified | 6.6 | 4.8 | 7.9 | 6.2 | 2.7 | 47.9 | 8.7 | 2.2 | 6.2 | 4.0 | 3.8 | 2.3 |
| Mackerel | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.1 | 1.1 | <.1 | 0 | 0.1 |
| Red drum | 899.8 | 853.5 | 676.9 | 1,106.4 | 604.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sand seatrout | 6.5 | 6.4 | 9.8 | 3.5 | 16.2 | 3.6 | 1.2 | 3.6 | 2.6 | 4.6 | 1.2 | 0.5 |
| Shark, unclassified | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.1 | 0.6 | 0.1 | 1.7 | 5.8 |
| Spotted seatrout | 1,235.0 | 1,118.6 | 899.3 | 928.3 | 617.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Stingray | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | <.1 | 0 |
| Total | 2,148.3 | 1,983.8 | 1,596.0 | 2,044.8 | 1,240.6 | 51.7 | 15.0 | 8.5 | 13.3 | 11.0 | 13.7 | 19.0 |

Table 8. Ex-vessel value ($ x 1000) of "other" finfish species landed commercially from Texas bay systems during 1977-1988. Data based on MMPR.

| Species | Year | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 |
| Alligator gar | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.6 | 6.1 |
| Atlantic cutlassfish | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.3 | 0 |
| Atlantic moonfish | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | <.1 | <.1 | 0 | 0 |
| Atlantic spadefish | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.2 | 0 | 0.2 | 0 | 0 |
| Florida pompano | 0.2 | 0.5 | 2.6 | 0.6 | 0.3 | 0.4 | 2.4 | 1.1 | 2.6 | 2.4 | <.1 | 3.2 |
| Gulf butterfish | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | <.1 | 0 | 0 |
| Kingfish, southern | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | <.1 | <.1 |
| Kingfish, unclassified | 1.2 | 0.8 | 1.8 | 1.1 | 0.7 | 10.6 | 2.1 | 0.6 | 1.8 | 1.5 | 1.5 | 0.9 |
| Mackerel | 0 | 0 | 0 | 0 | 0 | 0 | 0 | <.1 | 1.0 | <.1 | 0 | <.1 |
| Red drum | 483.9 | 588.3 | 564.2 | 1,016.5 | 683.8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sand seatrout | 3.6 | 3.9 | 6.6 | 1.4 | 2.5 | 1.2 | 0.6 | 2.1 | 0.9 | 1.6 | 0.5 | 0.2 |
| Shark, unclassified | 0 | 0 | 0 | 0 | 0 | 0 | 0 | <.1 | 0.3 | <.1 | 0.6 | 2.4 |
| Spotted seatrout | 660.2 | 739.8 | 770.4 | 911.1 | 699.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Stingray | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | <.1 | 0 |
| Total | 1,149.1 | 1,333.3 | 1,345.6 | 1,930.7 | 1,387.2 | 12.2 | 5.1 | 4.0 | 6.6 | 5.7 | 5.5 | 12.9 |

Table 9. Weight (lb x 1000) of "other" shellfish species landed commercially from Texas bay systems during 1977-1988. Data based on MMPR.

| Species | Year | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 |
| Atlantic bay scallop | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.1 | 5.3 | 0 | 0 |
| Mantis shrimp | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.1 | <.1 |
| Squid | 5.3 | 4.3 | 0.3 | 0 | 0 | 10.1 | 2.6 | 10.0 | 17.6 | 25.7 | 45.6 | 25.1 |
| Stone crab | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15.0 | 135.8 | 153.7 | 60.6 | 253.4 |
| Total | 5.3 | 4.3 | 0.3 | 0 | 0 | 10.1 | 2.6 | 25.0 | 153.5 | 184.7 | 106.3 | 278.5 |

Table 10. Ex-vessel ($ x 1000) of "other" shellfish species landed commercially from Texas bay systems during 1977-1988. Data based on MMPR.

| Species | Year | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 |
| Atlantic bay scallop | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.4 | 2.4 | 0 | 0 |
| Mantis shrimp | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | <.1 | <.1 |
| Squid | 1.8 | 1.2 | 0.1 | 0 | 0 | 4.0 | 1.3 | 3.7 | 7.3 | 19.9 | 19.3 | 10.8 |
| Stone crab | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9.6 | 110.2 | 77.7 | 31.2 | 131.6 |
| Total | 1.8 | 1.2 | 0.1 | 0 | 0 | 4.0 | 1.3 | 13.3 | 117.9 | 100.0 | 50.5 | 142.5 |

Table 11. Weight (lb x 1000) of each species landed commercially from the Gulf of Mexico during 1977-1988. Data based on MMPR.

| | Finfish | | | | | | | | | | | | | Shellfish | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | Unclassified | | | Shrimp | | | | | | | |
| Year | Black drum | Flounder | Gafftopsail catfish | Sheepshead | Kingfish | Mullet | Cobia | Grouper | Snapper | Other | Food | Scrap | Total | Brown and pink | White | Other | Total | Blue crab | Other | Total | Grand Total |
| 1977 | 62.8 | 100.5 | 13.4 | 33.7 | 26.8 | 0.9 | 20.0 | 22.0 | 440.0 | 166.3 | 72.0 | 43.0 | 1,001.4 | 67,186.4 | 10,028.8 | 258.7 | 77,473.9 | 11.2 | 8.5 | 77,493.6 | 78,495.0 |
| 1978 | 33.2 | 44.5 | 27.1 | 10.9 | 19.8 | 28.3 | 13.7 | 39.9 | 428.5 | 61.7 | 27.4 | 36.1 | 730.7 | 57,240.3 | 13,171.5 | 332.3 | 70,744.1 | 1.8 | 11.2 | 70,757.1 | 71,487.8 |
| 1979 | 26.7 | 25.7 | 0.4 | 22.6 | 8.8 | 28.8 | 7.7 | 14.3 | 214.7 | 149.5 | 31.0 | 62.6 | 592.8 | 43,265.0 | 8,446.5 | 719.2 | 52,430.7 | 0.5 | 0.9 | 52,432.1 | 53,024.9 |
| 1980 | 11.2 | 45.1 | 0.4 | 7.1 | 13.3 | 4.4 | 2.2 | 23.1 | 231.6 | 61.5 | 12.1 | 8.8 | 420.8 | 50,300.6 | 7,422.2 | 1,325.6 | 59,048.4 | 3.6 | 0 | 59,052.0 | 59,472.8 |
| 1981 | 14.3 | 28.7 | 2.6 | 9.2 | 13.5 | 10.4 | 13.7 | 29.8 | 165.9 | 40.2 | 34.4 | 4.7 | 367.4 | 71,337.7 | 10,064.5 | 1,075.7 | 82,478.0 | 6.4 | 0 | 82,484.3 | 82,851.7 |
| 1982 | 24.5 | 96.5 | 1.4 | 18.8 | 25.2 | 3.2 | 24.1 | 64.8 | 369.6 | 4.0 | 67.1 | 0.7 | 699.9 | 44,549.0 | 10,852.3 | 1,210.6 | 56,611.9 | 2.7 | 3.4 | 56,618.0 | 57,317.9 |
| 1983 | 12.0 | 75.0 | 5.8 | 3.7 | 11.5 | 20.4 | 17.2 | 34.8 | 261.9 | 1.1 | 47.5 | 1.6 | 492.5 | 40,657.1 | 12,336.2 | 916.9 | 53,910.2 | 35.1 | 5.2 | 53,950.4 | 54,442.9 |
| 1984 | 30.9 | 79.0 | 4.8 | 11.2 | 14.9 | 9.8 | 12.7 | 33.1 | 452.2 | 80.2 | 29.2 | 2.6 | 760.5 | 50,332.7 | 17,442.5 | 232.4 | 68,007.6 | 27.3 | 17.0 | 68,051.9 | 68,812.4 |
| 1985 | 11.9 | 73.9 | 18.3 | 26.1 | 20.5 | 42.7 | 6.0 | 250.1 | 663.5 | 217.7 | 67.0 | 7.5 | 1,405.3 | 48,254.1 | 17,100.7 | 603.2 | 65,958.0 | 31.0 | 15.1 | 66,004.1 | 67,409.4 |
| 1986 | 15.6 | 67.1 | 12.3 | 18.6 | 14.9 | 3.8 | 11.3 | 224.3 | 917.7 | 504.6 | 3.8 | 2.6 | 1,796.6 | 58,226.6 | 16,584.2 | 1,741.7 | 76,552.5 | 82.9 | 14.8 | 76,650.2 | 78,446.8 |
| 1987 | 96.4 | 69.6 | 11.1 | 32.3 | 29.6 | 0.7 | 8.1 | 345.1 | 701.2 | 358.9 | 20.6 | 9.1 | 1,680.5 | 55,067.8 | 9,625.0 | 5,118.1 | 69,810.9 | 37.3 | 16.4 | 69,864.6 | 71,545.3 |
| 1988 | 208.6 | 65.1 | 2.5 | 18.0 | 30.0 | 1.2 | 6.5 | 469.8 | 806.8 | 992.4 | 31.5 | 0.9 | 2,633.4 | 46,924.8 | 9,081.9 | 4,667.0 | 60,673.7 | 86.5 | 16.1 | 60,776.6 | 63,410.0 |

Table 12. Ex-vessel ($ x 1000) of each species landed commercially from the Gulf of Mexico during 1977-1988. Data based on MMPR.

| | Finfish | | | | | | | | | | | | | Shellfish | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | Unclassified | | | Shrimp | | | | | | | |
| Year | Black drum | Flounder | Gafftopsail catfish | Sheepshead | Kingfish | Mullet | Cobia | Grouper | Snapper | Other | Food | Scrap | Total | Brown and pink | White | Other | Total | Blue crab | Other | Total | Grand Total |
| 1977 | 12.0 | 49.2 | 4.3 | 5.5 | 4.2 | 0.2 | 4.7 | 5.2 | 420.9 | 91.6 | 12.8 | 4.9 | 615.2 | 97,992.2 | 16,356.9 | 234.9 | 114,584.0 | 2.2 | 4.2 | 114,590.4 | 115,205.6 |
| 1978 | 6.8 | 24.0 | 12.7 | 1.6 | 2.7 | 2.5 | 4.4 | 9.8 | 403.5 | 35.9 | 5.8 | 3.7 | 513.4 | 99,880.9 | 28,144.5 | 344.6 | 118,370.0 | 0.3 | 4.4 | 118,374.7 | 118,888.1 |
| 1979 | 8.8 | 16.5 | 0.1 | 3.8 | 1.2 | 2.4 | 2.8 | 6.7 | 261.6 | 125.8 | 9.4 | 7.5 | 446.5 | 111,178.3 | 23,575.7 | 381.0 | 135,135.0 | 0.2 | 0.2 | 135,135.4 | 135,581.9 |
| 1980 | 3.0 | 31.2 | 0.1 | 1.4 | 2.3 | 0.7 | 1.1 | 9.7 | 351.3 | 60.0 | 5.2 | 0.7 | 466.7 | 107,142.1 | 15,570.3 | 431.8 | 123,144.2 | 0.8 | 0 | 123,145.0 | 123,611.7 |
| 1981 | 4.6 | 20.6 | 2.1 | 1.7 | 2.8 | 1.3 | 7.3 | 14.2 | 267.8 | 50.4 | 7.2 | 0.3 | 380.3 | 129,069.4 | 24,541.3 | 317.9 | 153,928.6 | 1.7 | 0 | 153,930.3 | 154,310.6 |
| 1982 | 9.0 | 82.4 | 0.5 | 4.9 | 5.1 | 0.5 | 13.1 | 42.7 | 669.2 | 3.3 | 17.6 | 0.1 | 848.4 | 126,037.3 | 30,800.9 | 504.1 | 157,342.3 | 0.8 | 1.0 | 157,344.1 | 158,192.5 |
| 1983 | 5.6 | 51.2 | 1.9 | 0.9 | 2.8 | 3.3 | 10.2 | 31.9 | 383.5 | 0.3 | 12.3 | 0.2 | 504.1 | 113,408.4 | 33,074.0 | 330.7 | 146,813.1 | 10.6 | 2.0 | 146,825.7 | 147,329.8 |
| 1984 | 9.3 | 55.6 | 2.0 | 2.5 | 3.4 | 1.4 | 8.7 | 27.5 | 818.3 | 33.0 | 11.5 | 0.2 | 973.4 | 116,760.5 | 40,295.5 | 198.2 | 157,254.2 | 7.0 | 6.0 | 157,870.4 | 158,843.8 |
| 1985 | 6.2 | 62.8 | 7.8 | 4.8 | 6.5 | 5.7 | 4.0 | 212.7 | 1,242.4 | 215.3 | 18.6 | 1.4 | 1,788.3 | 107,535.6 | 38,360.8 | 164.1 | 146,060.5 | 8.5 | 6.1 | 146,078.8 | 147,867.1 |
| 1986 | 8.9 | 54.7 | 5.5 | 5.6 | 5.2 | 0.9 | 7.7 | 216.5 | 1,711.2 | 595.3 | 2.0 | 0.6 | 2,614.1 | 158,211.5 | 44,669.2 | 924.7 | 203,805.4 | 32.4 | 6.8 | 203,844.6 | 206,458.7 |
| 1987 | 65.7 | 61.3 | 2.5 | 10.5 | 10.1 | 0.1 | 5.8 | 452.8 | 1,313.5 | 589.1 | 5.1 | 1.5 | 2,518.0 | 130,970.1 | 24,065.5 | 3,644.0 | 158,679.7 | 12.6 | 7.0 | 158,699.3 | 161,217.3 |
| 1988 | 121.5 | 59.5 | 0.8 | 6.2 | 10.4 | 0.2 | 5.3 | 660.3 | 1,563.1 | 1,205.7 | 13.4 | 0.2 | 3,646.9 | 119,131.0 | 23,222.7 | 2,544.6 | 144,898.3 | 32.7 | 74.4 | 144,938.9 | 148,585.8 |

Table 13. Weight (lb x 1000) of "other" finfish species landed commercially from the Gulf of Mexico during 1977-1988. Data based on MMPR.

| Species | Year | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 |
| Atlantic croaker | 2.8 | 10.2 | 3.7 | 2.7 | 2.4 | 0.4 | 1.1 | 1.2 | 1.9 | 2.5 | 5.3 | 1.5 |
| Atlantic moonfish | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | <.1 | 0 | 0 |
| Atlantic spadefish | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.1 | 0 | 0 |
| Bluefish | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.3 | 10.3 | 0.4 |
| Codfish | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.2 | 0 | 0.5 | 0.1 | 0 |
| Crevalle, jack | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.7 | 0 |
| Dolphin | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.1 | 0.2 | 2.9 | 1.9 | 3.4 |
| Florida pompano | 0.5 | 0.5 | 1.5 | 0.8 | 0.2 | 3.6 | 0 | 4.0 | 13.0 | 13.5 | 15.1 | <.1 |
| Greater amberjack | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13.7 | 27.9 | 106.1 | 96.5 | 173.1 |
| Gulf butterfish | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4.9 | 0.1 | 2.2 | 0 |
| Mackerel, king | 0 | 0 | 0.2 | 0 | 0 | 0 | 0 | 1.2 | 2.5 | 1.5 | 2.5 | 6.2 |
| Mackerel, Spanish | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.2 | 0.2 | 0.8 | 0.1 |
| Red drum | 51.0 | 7.6 | 13.1 | 8.1 | 9.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sand seatrout | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.1 | 2.3 | 0.6 | 2.6 | 0 |
| Shark, blacktip | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.7 | 4.9 | 2.2 |
| Shark, shortfin mako | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.5 | 6.9 | 4.1 | 1.2 |
| Shark, unclassified | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9.8 | 63.4 | 105.3 | 31.3 | 33.8 |
| Spotted seatrout | 111.8 | 43.4 | 131.0 | 49.7 | 28.6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Swordfish | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31.9 | 85.5 | 46.4 | 22.3 |
| Tilefish | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 41.8 | 7.3 | 35.6 | 214.9 |
| Triggerfish, gray | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.3 | 0.2 | 0.8 |
| Tuna, Atlantic bonito | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.1 | 0 |
| Tuna, blackfin | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.3 | 0 | 0.5 |
| Tuna, bluefin | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33.3 | 2.7 | 1.1 | 1.4 | 0 |
| Tuna, little | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.2 | 0 |
| Tuna, unclassified | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6.7 | 22.8 | 79.0 | 14.9 | 38.0 |
| Tuna, yellowfin | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9.3 | 1.5 | 100.6 | 79.8 | 475.5 |
| Wahoo | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.1 | 1.0 | 16.9 |
| Total | 166.1 | 61.7 | 149.5 | 61.3 | 40.2 | 4.0 | 1.1 | 79.7 | 217.5 | 518.1 | 358.9 | 990.9 |

Table 14. Ex-vessel value ($ x 1000) of "other" finfish species landed commercially from the Gulf of Mexico during 1977-1988. Data based on MMPR.

| Species | Year | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 |
| Atlantic croaker | 0.6 | 1.5 | 0.6 | 0.2 | 0.5 | 0.1 | 0.2 | 0.5 | 0.4 | 0.8 | 1.9 | 0.5 |
| Atlantic moonfish | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | <.1 | 0 | 0 |
| Atlantic spadefish | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | <.1 | 0 | 0 |
| Bluefish | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.7 | 4.4 | 0.1 |
| Codfish | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.1 | 0 | 0.2 | 0.1 | 0 |
| Crevalle, jack | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.4 | 0 |
| Dolphin | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.2 | 3.0 | 2.2 | 3.1 |
| Florida pompano | 0.3 | 0.6 | 2.4 | 1.1 | 0.3 | 3.2 | 0.1 | 5.6 | 12.3 | 12.6 | 18.0 | 0.1 |
| Greater amberjack | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10.3 | 19.2 | 58.6 | 58.6 | 115.7 |
| Gulf butterfish | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.6 | <.1 | 1.1 | 0 |
| Mackerel, king | 0 | 0 | 0.2 | 0 | 0 | 0 | 0 | 0.9 | 2.1 | 1.1 | 1.5 | 5.4 |
| Mackerel, Spanish | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.1 | 0.2 | 0.3 | <.1 |
| Red drum | 27.6 | 4.4 | 10.2 | 8.3 | 11.6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sand seatrout | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.6 | 2.1 | 0.3 | 1.9 | 0 |
| Shark, blacktip | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.3 | 6.9 | 1.2 |
| Shark, shortfin mako | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.4 | 6.3 | 10.1 | 0.9 |
| Shark, unclassified | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.5 | 27.8 | 56.1 | 13.2 | 15.0 |
| Spotted seatrout | 63.0 | 29.4 | 112.4 | 50.4 | 38.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Swordfish | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 93.3 | 251.3 | 198.3 | 65.4 |
| Tilefish | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 39.5 | 6.1 | 30.6 | 230.8 |
| Triggerfish, gray | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.1 | 0.1 | 0.4 |
| Tuna, Atlantic bonito | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.1 | 0 |
| Tuna, blackfin | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.1 | 0 | 0.2 |
| Tuna, bluefin | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.4 | 0.3 | 4.0 | 10.6 | 0 |
| Tuna, little | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.1 | 0 |
| Tuna, unclassified | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.9 | 12.8 | 102.8 | 18.2 | 67.9 |
| Tuna, yellowfin | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.9 | 2.0 | 100.6 | 209.2 | 685.0 |
| Wahoo | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.1 | 1.3 | 13.1 |
| Total | 91.5 | 35.9 | 125.8 | 60.0 | 50.4 | 3.3 | 0.3 | 32.7 | 215.1 | 605.6 | 589.1 | 1,204.9 |

Table 15. Weight (lb x 1000) of "other" shellfish species landed commercially from the Gulf of Mexico during 1977-1988. Data based on MMPR.

| | Year | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Species | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 |
| Shovelnose lobster | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.1 |
| Spiny lobster | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.1 | 0 |
| Squid | 8.5 | 11.2 | 0.9 | 0 | 0 | 3.4 | 5.2 | 17.0 | 15.1 | 14.8 | 14.8 | 12.5 |
| Stone crab | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.9 | 3.2 | <.1 | 1.5 | 3.6 |
| Total | 8.5 | 11.2 | 0.9 | 0 | 0 | 3.4 | 5.2 | 20.9 | 18.3 | 14.8 | 16.4 | 16.2 |

Table 16. Ex-vessel ($ x 1000) of "other" shellfish species landed commercially from the Gulf of Mexico during 1977-1988. Data based on MMPR.

| | Year | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Species | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 |
| Shovelnose lobster | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.2 |
| Spiny lobster | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.2 | 0 |
| Squid | 4.2 | 4.4 | 0.2 | 0 | 0 | 1.0 | 2.0 | 6.0 | 6.1 | 6.8 | 6.0 | 4.9 |
| Stone crab | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.6 | 3.8 | <.1 | 0.7 | 2.3 |
| Total | 4.2 | 4.4 | 0.2 | 0 | 0 | 1.0 | 2.0 | 9.6 | 9.9 | 6.8 | 6.9 | 7.4 |

Table 17. Price ($/lb) paid commercial fishermen for finfish during 1977-1988. Data based on MMPR.

| Year | Black drum | | Flounder | | Sheepshead | | Snapper | | Other | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Range | Mean | Range | Mean | Range | Mean | Range | Mean | Range | Mean |
| 1977 | 0.25-0.65 | 0.28 | 0.22-1.10 | 0.55 | 0.05-0.35 | 0.10 | 0.45-1.30 | 0.94 | 0.10-1.15 | 0.47 |
| 1978 | 0.30-0.65 | 0.34 | 0.40-1.30 | 0.73 | 0.05-0.35 | 0.12 | 0.85-1.65 | 1.04 | 0.05-1.35 | 0.59 |
| 1979 | 0.25-0.50 | 0.39 | 0.35-1.40 | 0.82 | 0.05-0.30 | 0.14 | 0.60-1.65 | 1.22 | 0.03-1.10 | 0.70 |
| 1980 | 0.35-0.70 | 0.51 | 0.25-1.25 | 0.79 | 0.03-0.25 | 0.14 | 0.65-1.95 | 1.52 | 0.05-1.25 | 0.85 |
| 1981 | 0.45-0.80 | 0.57 | 0.60-1.25 | 1.06 | 0.03-0.40 | 0.21 | 0.85-2.45 | 1.61 | 0.05-1.45 | 0.98 |
| 1982 | 0.45-0.85 | 0.63 | 0.50-1.35 | 0.97 | 0.10-0.50 | 0.25 | 0.60-2.15 | 1.01 | 0.05-0.85 | 0.26 |
| 1983 | 0.30-0.85 | 0.65 | 0.35-1.40 | 0.94 | 0.05-0.45 | 0.24 | 0.60-2.15 | 1.46 | 0.05-0.70 | 0.28 |
| 1984 | 0.25-0.80 | 0.49 | 0.50-1.00 | 0.92 | 0.05-0.30 | 0.20 | 1.45-2.95 | 1.80 | 0.05-1.50 | 0.32 |
| 1985 | 0.25-0.95 | 0.66 | 0.45-1.35 | 1.00 | 0.10-0.70 | 0.22 | 1.25-2.25 | 1.86 | 0.05-5.00 | 0.47 |
| 1986 | 0.10-1.20 | 0.70 | 0.16-2.05 | 0.96 | 0.08-0.64 | 0.27 | 0.30-2.78 | 1.86 | 0.05-6.00 | 0.82 |
| 1987 | 0.08-2.00 | 0.70 | 0.25-2.50 | 0.98 | 0.15-2.12 | 0.28 | 0.28-3.35 | 1.87 | 0.10-7.85 | 0.98 |
| 1988 | 0.18-2.50 | 0.76 | 0.50-2.50 | 1.23 | 0.20-0.60 | 0.28 | 0.64-3.10 | 1.94 | 0.10-8.00 | 1.08 |

Table 18. Price ($/lb) paid commercial fishermen for shellfish during 1977-1988. Data based on MMPR and NMFS.

| Year | Shrimp | | | | | | Blue crab | | Eastern oyster | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Brown and pink | | White | | Other | | | | | |
| | Range | Mean | Range | Mean | Range | Mean | Range | Mean | Range | Mean |
| 1977 | 0.85-3.10 | 1.49 | 0.45-2.95 | 1.44 | 0.85-2.80 | 1.11 | 0.16-0.35 | 0.26 | 0.85-1.25 | 1.18 |
| 1978 | 0.65-3.25 | 1.63 | 0.90-2.95 | 1.81 | 0.20-0.26 | 1.04 | 0.17-0.35 | 0.27 | 1.01-1.25 | 1.16 |
| 1979 | 0.45-3.25 | 2.32 | 0.45-3.15 | 2.11 | 0.25-0.95 | 0.53 | 0.14-0.55 | 0.26 | 0.91-1.63 | 1.18 |
| 1980 | 0.40-3.15 | 1.95 | 0.45-2.95 | 1.80 | 0.39-0.90 | 0.33 | 0.16-0.50 | 0.27 | 1.01-1.64 | 1.55 |
| 1981 | 0.40-3.20 | 1.70 | 0.45-3.00 | 1.97 | 0.35-0.85 | 0.30 | 0.21-0.55 | 0.28 | 1.04-1.70 | 1.55 |
| 1982 | 0.50-4.20 | 2.56 | 0.50-5.15 | 2.39 | 0.40-0.80 | 0.42 | 0.23-0.60 | 0.30 | 1.05-1.65 | 1.46 |
| 1983 | 0.50-4.00 | 2.47 | 0.50-4.25 | 2.24 | 0.25-0.90 | 0.36 | 0.23-0.60 | 0.37 | 1.05-1.71 | 1.43 |
| 1984 | 0.20-4.13 | 2.02 | 0.63-4.82 | 1.91 | 0.24-1.73 | 0.85 | 0.22-0.60 | 0.31 | 1.29-2.06 | 1.60 |
| 1985 | 0.40-4.40 | 1.97 | 0.50-4.91 | 2.24 | 0.20-0.51 | 0.27 | 0.22-0.75 | 0.34 | 1.26-1.89 | 1.70 |
| 1986 | 0.42-3.30 | 2.47 | 0.40-4.22 | 2.19 | 0.25-0.90 | 0.53 | 0.15-0.72 | 0.33 | 0.86-2.83 | 1.86 |
| 1987 | 0.35-3.63 | 2.11 | 0.37-5.34 | 1.91 | 0.16-2.79 | 0.71 | 0.20-1.08 | 0.42 | 1.43-3.20 | 2.38 |
| 1988 | 0.85-4.38 | 2.22 | 1.28-4.47 | 2.05 | 0.46-1.01 | 0.55 | 0.25-3.00 | 0.42 | 1.60-3.89 | 2.49 |

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

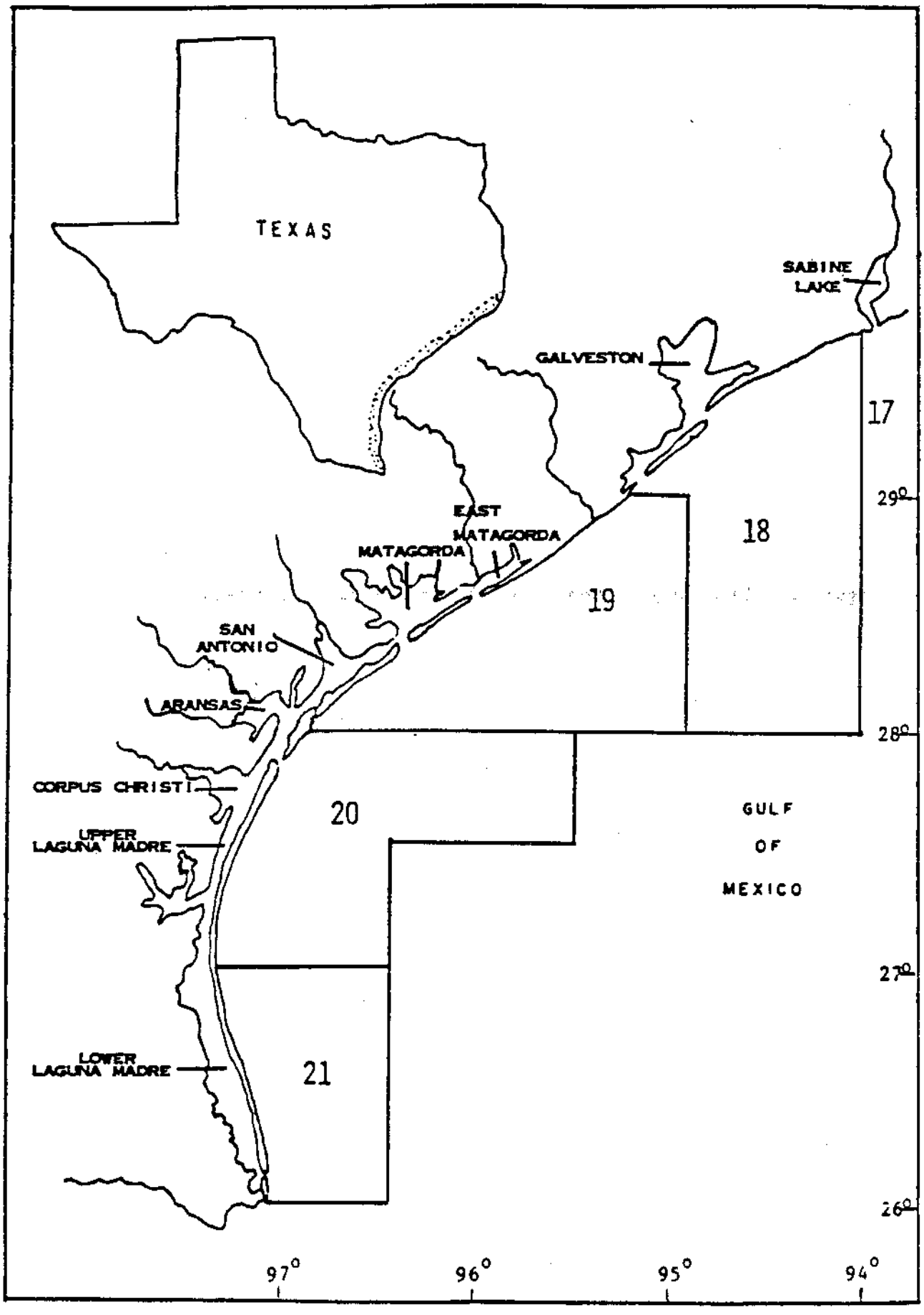

TEXAS
SABINE LAKE
GALVESTON
17
29°
18
EAST MATAGORDA
MATAGORDA
19
SAN ANTONIO
ARANSAS
28°
CORPUS CHRISTI
20
GULF OF MEXICO
UPPER LAGUNA MADRE
27°
LOWER LAGUNA MADRE
21
26°
97°
96°
95°
94°

Figure 2. Monthly Marine Products Report (MMPR) form.

# MARINE PRODUCTS REPORT
## (Dealer's Report)

No. _____ For the Month of: _____ 19 _____

Dealer: _____

Address: _____

| Code | Species Name | Name of Bay | Water Code | No. of Pounds | Price Per Pound | Name of Bay | Water Code | No. of Pounds | Price Per Pound |
|---|---|---|---|---|---|---|---|---|---|
| 0570 | Ling | | | | | | | | |
| 0925 | Croaker | | | | | | | | |
| 1081 | Drum | | | | | | | | |
| 1082 | Redfish | | | | | | | | |
| 1235 | Flounder | | | | | | | | |
| 1410 | Grouper | | | | | | | | |
| 1970 | Whiting | | | | | | | | |
| 2341 | Mullet | | | | | | | | |
| 2720 | Pompano | | | | | | | | |
| 3764 | Red Snapper | | | | | | | | |
| 3380 | Gafftop Catfish | | | | | | | | |
| 3447 | Trout | | | | | | | | |
| 3560 | Sheepshead | | | | | | | | |
| 1940 | Mackerel | | | | | | | | |
| 4740 | Warsaw | | | | | | | | |
| 5260 | Unclassified Food | | | | | | | | |
| 5290 | Unclassified Scrap | | | | | | | | |
| 7000 | Crab (Live Weight) | | | | | | | | |
| | Others (List) | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | Shrimp (Heads on) | | | | | | | | |
| 7360 | Brown and Pink | | 9999 | | | | | | |
| 7361 | White | | 9999 | | | | | | |
| 7362 | Other | | 9999 | | | | | | |
| | | | | | | | | | |
| 8030 | Squid | | | | | | | | |

NOTE: If catch is from the Gulf, so indicate under "Name of Bay" columns.

| Species Code | Species Name | Name of Bay | Water Code | No. of Pounds | No. of Barrels | Price Per Barrel |
|---|---|---|---|---|---|---|
| 7891 | Oysters | | | | | |

NOTE: Do not complete section under "Water Code."

GEAR USED: _____

_____

**TEXAS PARKS AND WILDLIFE DEPARTMENT**
**P.O. Box 8**
**Seabrook, Texas 77586**

PWD—227—3400—3/89

Figure 3. Letters establishing formal cooperative commercial landings data collection agreement between the Texas Parks and Wildlife Department and the National Marine Fisheries Service.

November 20, 1984

Dr. Albert C. Jones
75 Virginia Beach Drive
Southeast Fisheries Center
National Marine Fisheries Center
Miami, Florida 33149

Dear Al:

Enclosed is a letter that your staff can provide to seafood dealers in Texas who handle mainly shrimp but also purchase fish, crabs, or oysters infrequently. This letter should be signed by the dealer who wishes to provide seafood landings data to NMFS for submission to the Parks and Wildlife Department (TPWD) pursuant to our informal agreement that has been in place since 1960 whereby NMFS collects commercial shrimp landings and TPWD collects all other seafood landings. Once signed, a copy of each letter should be sent to Dr. Gary Matlock at 4200 Smith School Road, Austin, Texas 78744.

Thank you for your cooperation in minimizing duplication of our respective programs. Please contact me if you have any questions.

Sincerely,

Robert J. Kemp
Director of Fisheries

RJK:GM:dr

Enclosure

cc: Kim Newlin
Orman Farley

**TEXAS**
**PARKS AND WILDLIFE DEPARTMENT**
4200 Smith School Road Austin, Texas 78744

CHARLES D. TRAVIS
Executive Director



Dear Seafood Dealer:

The Parks and Wildlife Department and the National Marine Fisheries Service are responsible for gathering information on the commercial landings of seafood in Texas. The Texas Parks and Wildlife Code requires that you report all purchases of seafood to the Texas Parks and Wildlife Department by the 10th of each month.

The National Marine Fisheries Service also requires reporting of shrimp landings. To reduce the burden on you, the dealer, and to prevent duplication of government programs, the Parks and Wildlife Department and the National Marine Fisheries Service cooperate in collecting landings data. The Department focuses on dealers buying fish, crabs, and oysters while the Service visits shrimp dealers. The two agencies exchange the data collected so you do not have to complete two reports.

However, there are occasions when dealers buying mainly shrimp will buy other seafood. FOR YOUR CONVENIENCE, you may provide the data on these other seafood purchases to the National Marine Fisheries Service if you so choose. <u>By providing these data to the National Marine Fisheries Service, you will have met your obligation to provide reports of seafood purchases to the Parks and Wildlife Department</u>.

If you wish to provide data on all seafood purchases you make to the National Marine Fisheries Service for transmission to the Texas Parks and Wildlife Department, please provide the information requested, sign, date and return to the National Marine Fisheries Service.

If you choose not to provide these data to the National Marine Fisheries Service, then you must submit them to the Texas Parks and Wildlife Department.

Thank you for your cooperation.

Sincerely,

Charles D. Travis
Executive Director

CDT:GM:klj

| | |
|---|---|
| _____ | _____ |
| Dealer's Name<br>(Please Print) | Address |
| | _____ |
| | Dealer or Authorized<br>Representative Signature |

Figure 4. Individual Sales Transaction (IST) form.

TEXAS PARKS AND WILDLIFE DEPARTMENT
4200 SMITH SCHOOL ROAD AUSTIN, TEXAS 78744
COMMERCIAL FISH LANDINGS

# INDIVIDUAL SALES TRANSACTION

MONTH DAY YEAR DATE OF SALE

1 FORM NO

FISHERMAN'S NAME

BUSINESS NAME

COMMERCIAL LICENSE NO.

RED DRUM LICENSE NO.

BAY OR GULF WHERE FISH WERE TAKEN:
CIRCLE ONLY ONE AREA CODE - SEE MAP ON FOLDER

| SABINE | GALVESTON | MATAGORDA | SAN ANTONIO | ARANSAS | CORPUS CHRISTI | UPPER LAGUNA MADRE | LOWER LAGUNA MADRE | GULF OF MEXICO |
|---|---|---|---|---|---|---|---|---|
| 1 | 2 3 4 | 5 6 7 | 8 9 | 10 11 | 12 13 | 14 15 | 16 17 | 20 21 22 23 24 |

GEAR USED: CIRCLE ONLY ONE NUMBER

| | | | |
|---|---|---|---|
| 1 TROTLINE | 5 SEINE | 9 GIG | 13 CRAB TRAWL |
| 2 TRAMMEL NET | 6 SNAGLINE | 10 SHRIMP TRAWL | 14 OYSTER DREDGE |
| 3 GILL NET | 7 LONGLINE | 11 FISH TRAWL | 15 OYSTER TONGS |
| 4 ROD AND REEL | 8 PURSE SEINE | 12 CRAB TRAP | 16 OTHER |

| SPECIES | CODE | POUNDS | PRICE PER LB. $ | CENTS | FOR DEALER USE |
|---|---|---|---|---|---|
| RED DRUM | 01 | | | | |
| BLACK DRUM | 02 | | | | |
| SPOTTED SEATROUT | 03 | | | | |
| SAND SEATROUT | 04 | | | | |
| FLOUNDER | 05 | | | | |
| SHEEPSHEAD | 06 | | | | |
| ATLANTIC CROAKER | 07 | | | | |
| GAFFTOP CATFISH | 08 | | | | |
| WHITING | 09 | | | | |
| POMPANO | 10 | | | | |
| MULLET | 11 | | | | |
| RED SNAPPER | 12 | | | | |
| GROUPER (WARSAW) | 13 | | | | |
| UNCLASSIFIED FOOD | 14 | | | | |
| UNCLASSIFIED SCRAP | 15 | | | | |
| CRABS (LIVE WEIGHT) | 80 | | | | |
| OTHERS (LIST) | | | | | |
| | | | | | |
| | | | | | |

| OYSTER SALES | CODE | QUANTITY (NO OF UNITS) | PRICE PER UNIT $ | CENTS | YIELD IN GALS/UNIT | FOR DEALER USE |
|---|---|---|---|---|---|---|
| OYSTERS IN SACKS | 81 | | | | | |
| OYSTERS IN BUSHELS | 82 | | | | | |
| OYSTERS IN GALLONS | 83 | | | | | |

PWD 178 (10/78) FC 3000

FISHERMAN'S COPY

Figure 5. Monthly oyster landings form submitted to the Seabrook office of the Texas Parks and Wildlife Department.

OYSTER HARVEST MONTHLY REPORTS
PRIVATE OYSTER LEASE
REGION IV

HARVEST REPORT FOR MONTH OF _____

PERMIT NO. _____

OYSTER LEASE NO. _____

NAME OF LEASE HOLDER _____

ADDRESS _____

_____

BOATS USED FOR THIS LEASE THIS MONTH _____

_____

NO. BARRELS HARVESTED _____
OR
NO. BUSHELS HARVESTED _____

NAME OF DEALER(S) BUYING OYSTERS _____

_____

ADDRESS _____

_____

_____
SIGNATURE

This report must be submitted to the Regional Director for Coastal Fisheries, Region IV, Parks and Wildlife Department, 1018 Toddville Road, P.O. Box 8, Seabrook, Texas 77586, by the 5th of the following month after harvest of oysters from private lease.

Figure 6. Annual Oyster Location Lease Report form.

# OYSTER LOCATION LEASE REPORT

Leaseholder:
Annual Rental: _____
Lease Number: _____
Date Filed: _____
Acreage: _____

**Section 76.017 - 76.018 Parks and Wildlife Code:**

The owner or locator of private oyster beds under the foregoing provisions shall not be required to pay any rentals on such locations for a period of five years, or till such time as he shall begin to market or sell oysters from such location or bed. When such locator shall begin to sell or market oysters from such location, he shall pay the State three dollars per acre per annum and ten cents a barrel on oyster sales.

Failure to pay such rental by the first day of March of each year shall annul and be a forefeiture of his lease. And if oysters are not marketed or sold from such location within five years from the date of location, such location shall become void.

**IMPORTANT: PLEASE NOTE CHANGE IN LAW RESULTING IN INCREASE.**

Enclosed is my rental payment for Lease # _____:

Lease (_____ acres @ $3.00 per acre) $ _____
Oyster Sales (_____ barrels @ 10¢ per barrel) $ _____

Total Remittance $ _____

_____ _____
Signature Date

**FAILURE TO PAY RENTAL ON THIS LEASE BY MARCH 1, 1987 SHALL ANNUL AND BE A FORFEITURE OF THE LEASE ACCORDING TO LAW.**

Please Return Report To:
Texas Parks and Wildlife Department
Revenue Branch
4200 Smith School Road
Austin, Texas 78744

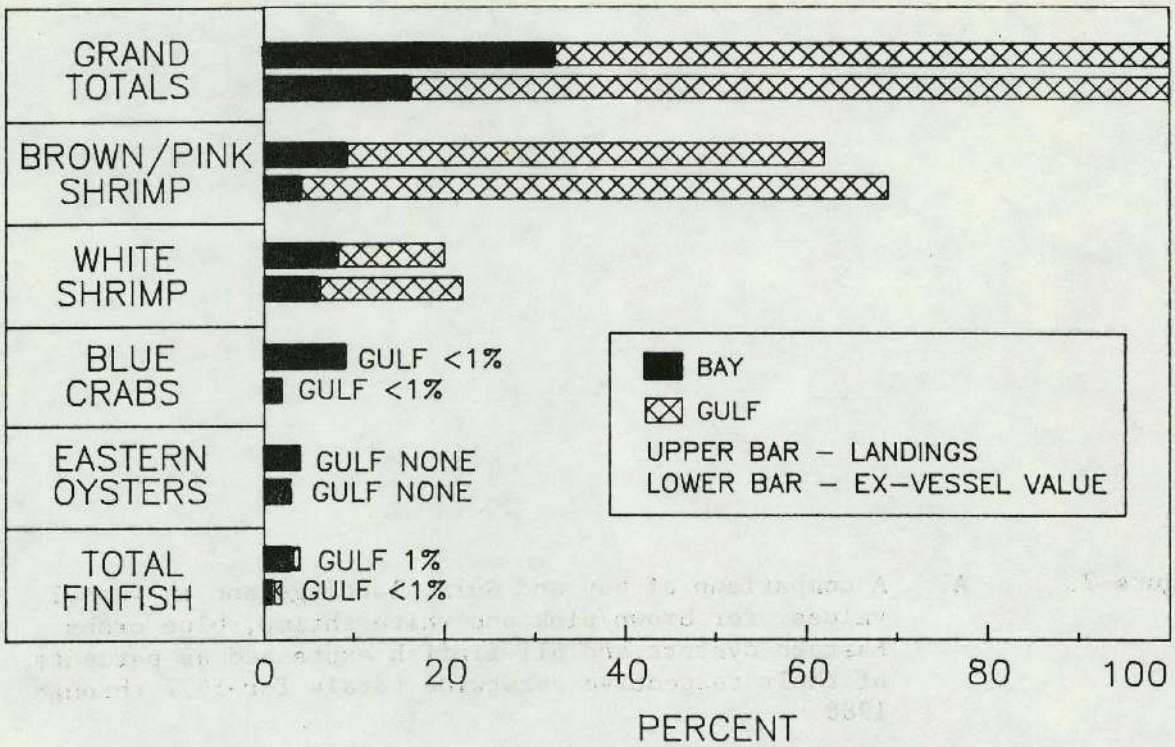
Figure 7.

A. A comparison of bay and Gulf, landings and ex-vessel values, for brown/pink and white shrimp, blue crabs, Eastern oysters and all finfish expressed as percents of their respective coastwide totals for 1977 through 1988.

B. Texas commercial landings (lb) and ex-vessel values ($) for all seafood from bays and the Gulf (grand total), by year for 1977 through 1988.

Data for Figure 7 derived from MMPR and NMFS surveys.

A.


GRAND TOTALS
BROWN/PINK SHRIMP
WHITE SHRIMP
BLUE CRABS
EASTERN OYSTERS
TOTAL FINFISH
GULF <1%
GULF <1%
GULF NONE
GULF NONE
GULF 1%
GULF <1%
BAY
GULF
UPPER BAR – LANDINGS
LOWER BAR – EX-VESSEL VALUE
0
20
40
60
80
100
PERCENT

B.

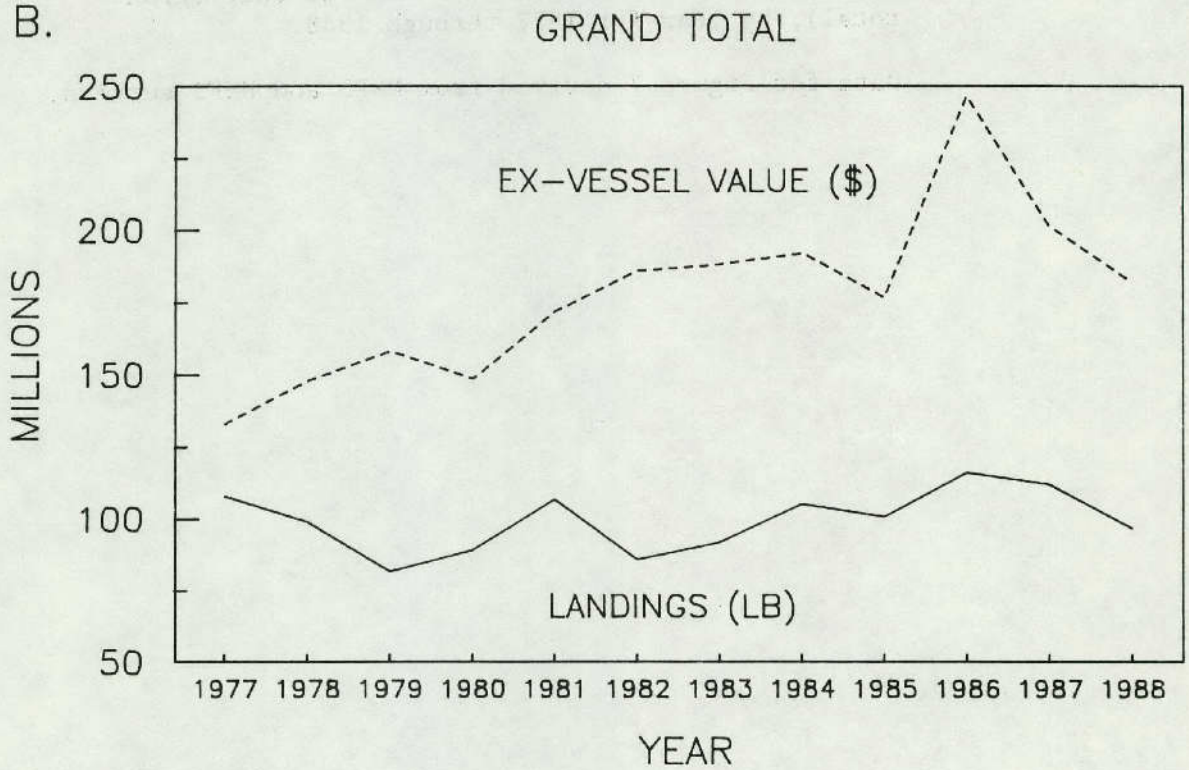

GRAND TOTAL
250
200
150
100
50
MILLIONS
EX-VESSEL VALUE ($)
LANDINGS (LB)
1977 1978 1979 1980 1981 1982 1983 1984 1985 1986 1987 1988
YEAR

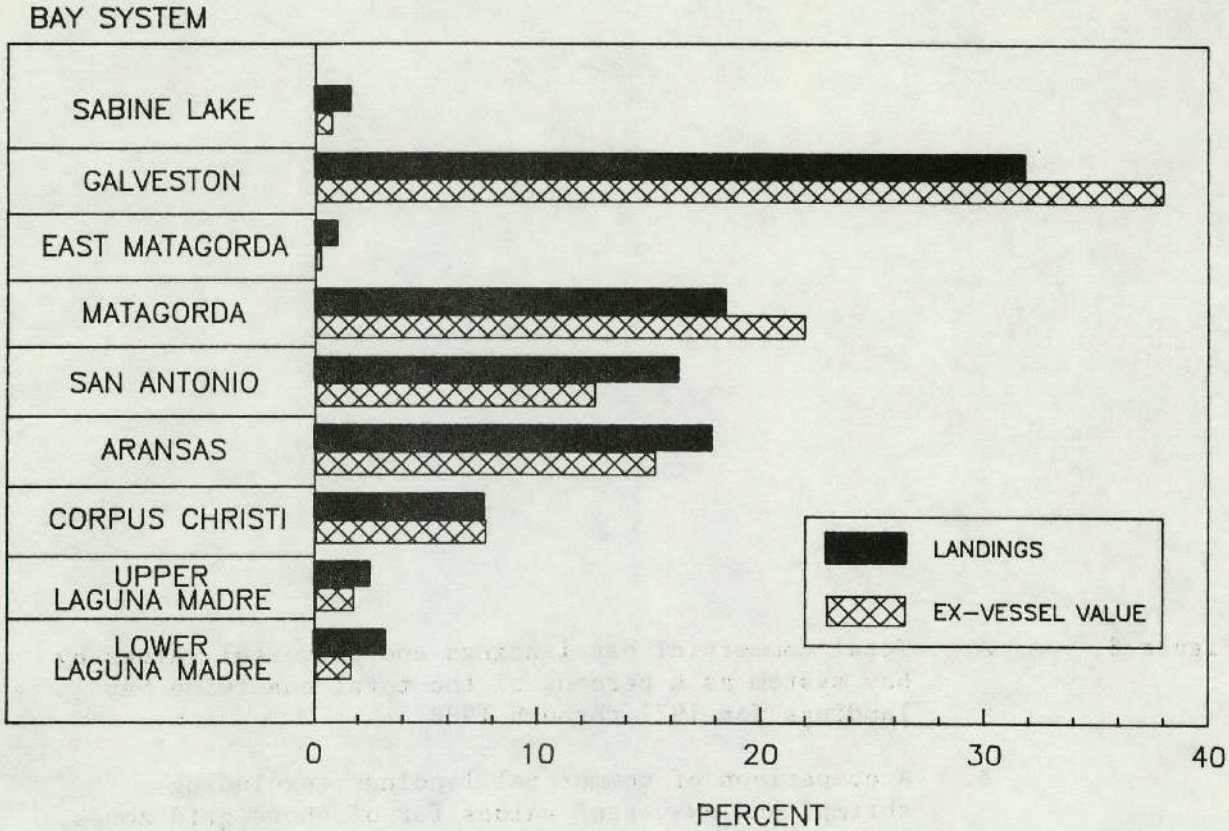
Figure 8.

A. Total commercial bay landings and ex-vessel values by bay system as a percent of the total coastwide bay landings for 1977 through 1988.

B. A comparison of commercial landings (excluding shrimp) and ex-vessel values for offshore grid zones, expressed as percents of their respective coastwide Gulf totals for 1977 through 1988. Bay systems adjacent to offshore grid zones are: 17.0-Sabine lake; 18.0-Galveston; 19.0-Matagorda, San Antonio, Aransas; 20.0-Corpus Christi, Upper Laguna Madre; 21.0-Lower Laguna Madre.

Data for Figure 8 derived from MMPR and NMFS surveys.

A.


BAY SYSTEM
SABINE LAKE
GALVESTON
EAST MATAGORDA
MATAGORDA
SAN ANTONIO
ARANSAS
CORPUS CHRISTI
UPPER LAGUNA MADRE
LOWER LAGUNA MADRE
LANDINGS
EX-VESSEL VALUE
0
10
20
30
40
PERCENT

B.

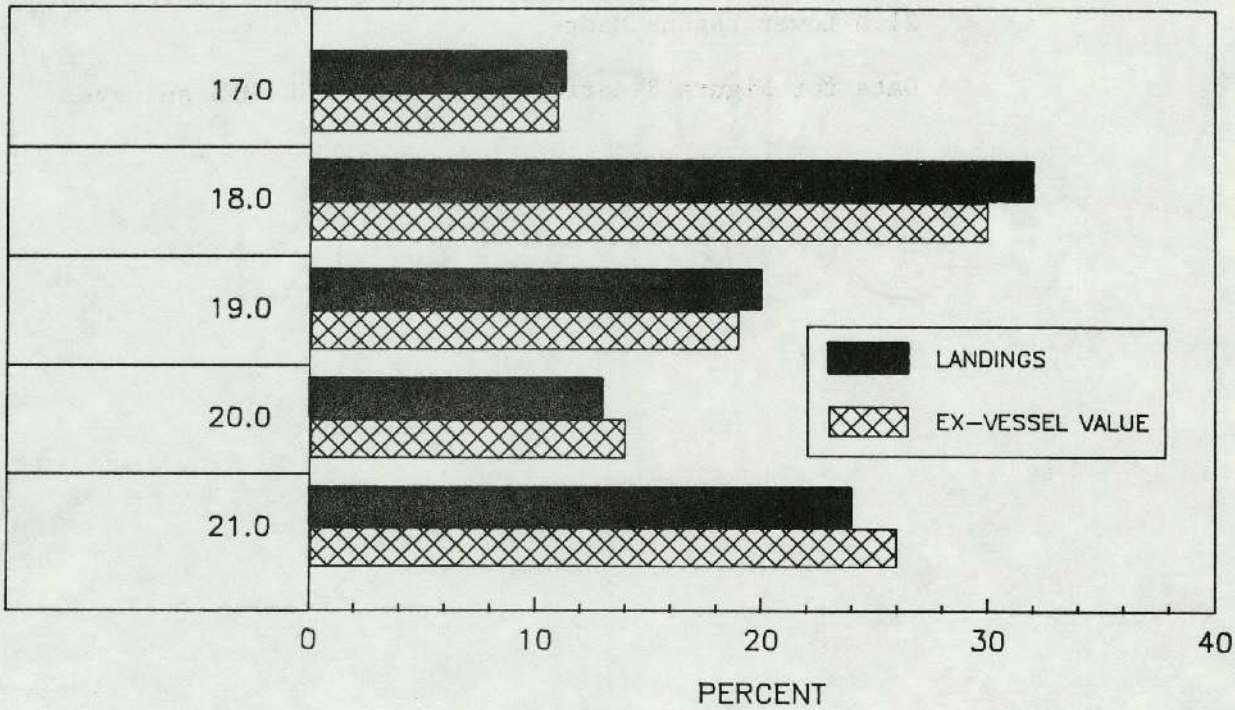

GRID ZONES
17.0
18.0
19.0
20.0
21.0
LANDINGS
EX-VESSEL VALUE
0
10
20
30
40
PERCENT

Figure 9.

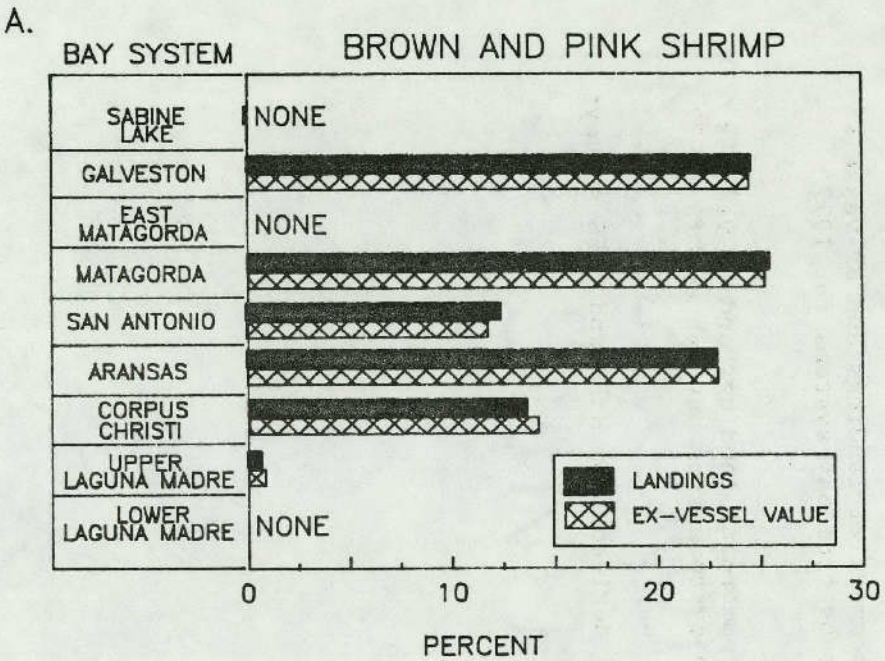
A. A comparison of commercial landings and ex-vessels values of brown and pink shrimp from bay systems for 1977 through 1988.

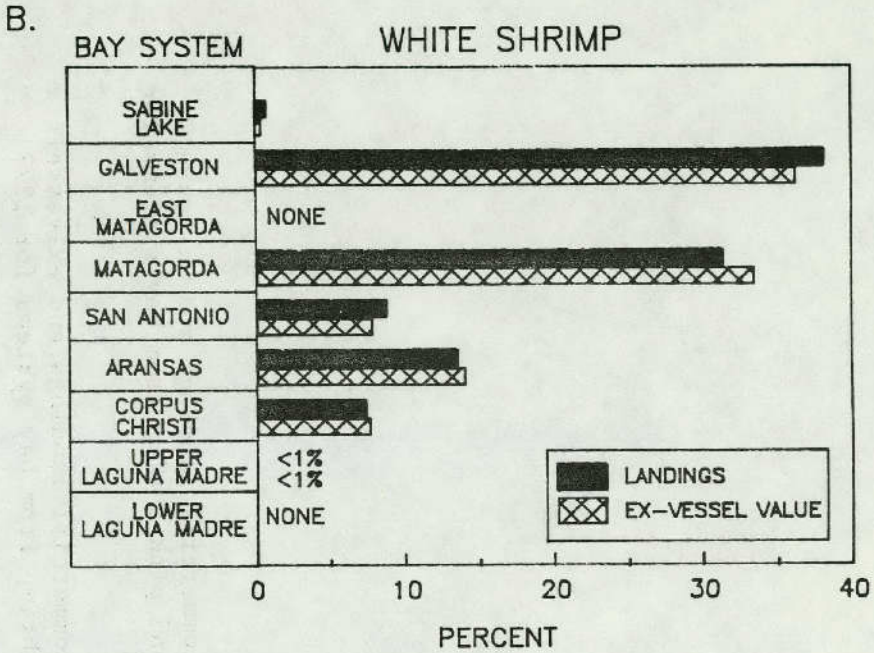
B. A comparison of commercial landings and ex-vessels values of white shrimp from bay systems for 1977 through 1988.

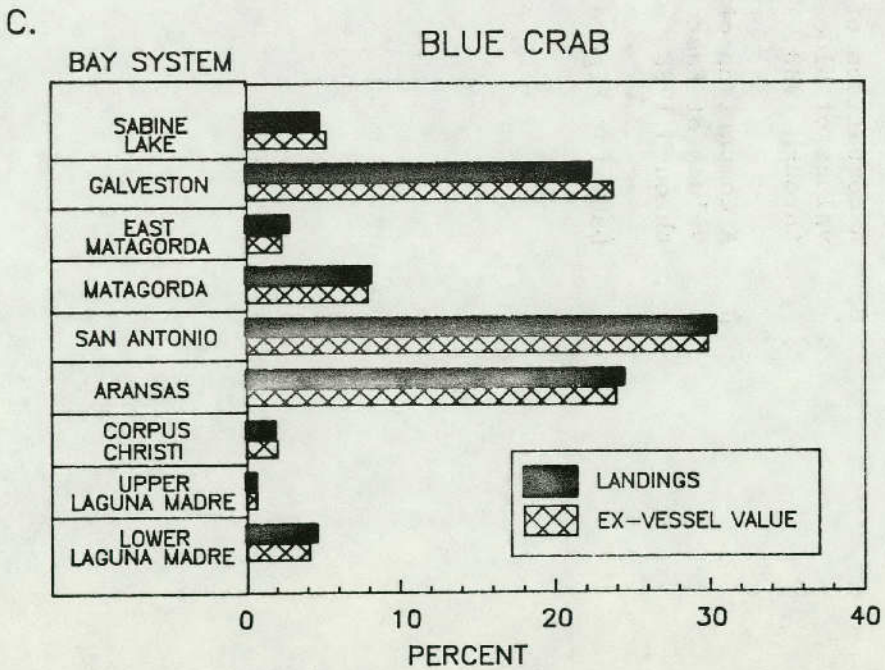
C. A comparison of commercial landings and ex-vessels values of blue crabs from bay systems for 1977 through 1988.

D. A comparison of commercial landings and ex-vessels values of Eastern oysters from bay systems for 1977 through 1988.

Data for Figure 9 derived from MMPR and NMFS surveys.


A.
BROWN AND PINK SHRIMP
BAY SYSTEM
SABINE LAKE
GALVESTON
EAST MATAGORDA
MATAGORDA
SAN ANTONIO
ARANSAS
CORPUS CHRISTI
UPPER LAGUNA MADRE
LOWER LAGUNA MADRE
NONE
NONE
NONE
LANDINGS
EX-VESSEL VALUE
0
10
20
30
PERCENT


B.
WHITE SHRIMP
BAY SYSTEM
SABINE LAKE
GALVESTON
EAST MATAGORDA
MATAGORDA
SAN ANTONIO
ARANSAS
CORPUS CHRISTI
UPPER LAGUNA MADRE
LOWER LAGUNA MADRE
NONE
<1%
<1%
NONE
LANDINGS
EX-VESSEL VALUE
0
10
20
30
40
PERCENT


C.
BLUE CRAB
BAY SYSTEM
SABINE LAKE
GALVESTON
EAST MATAGORDA
MATAGORDA
SAN ANTONIO
ARANSAS
CORPUS CHRISTI
UPPER LAGUNA MADRE
LOWER LAGUNA MADRE
LANDINGS
EX-VESSEL VALUE
0
10
20
30
40
PERCENT

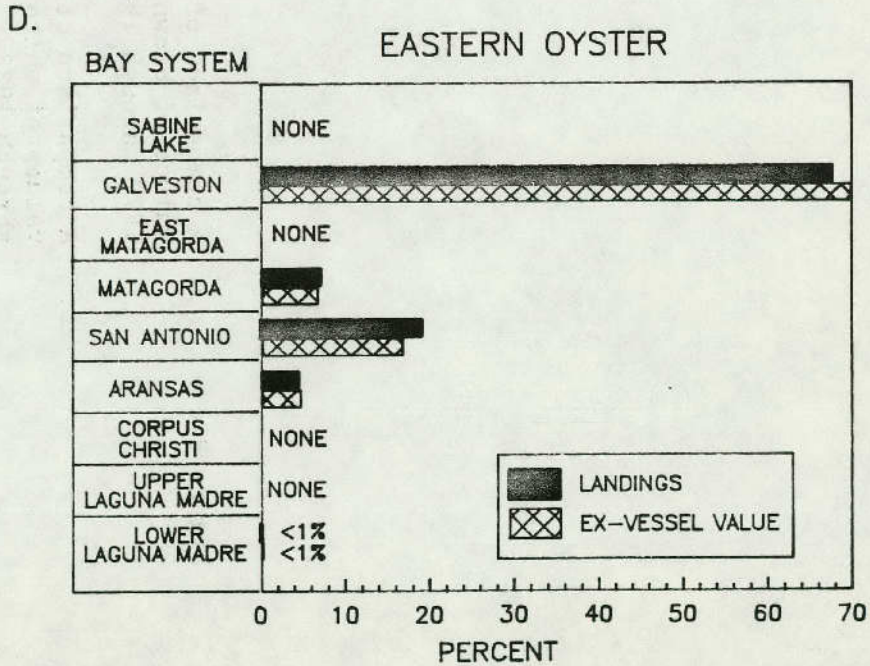
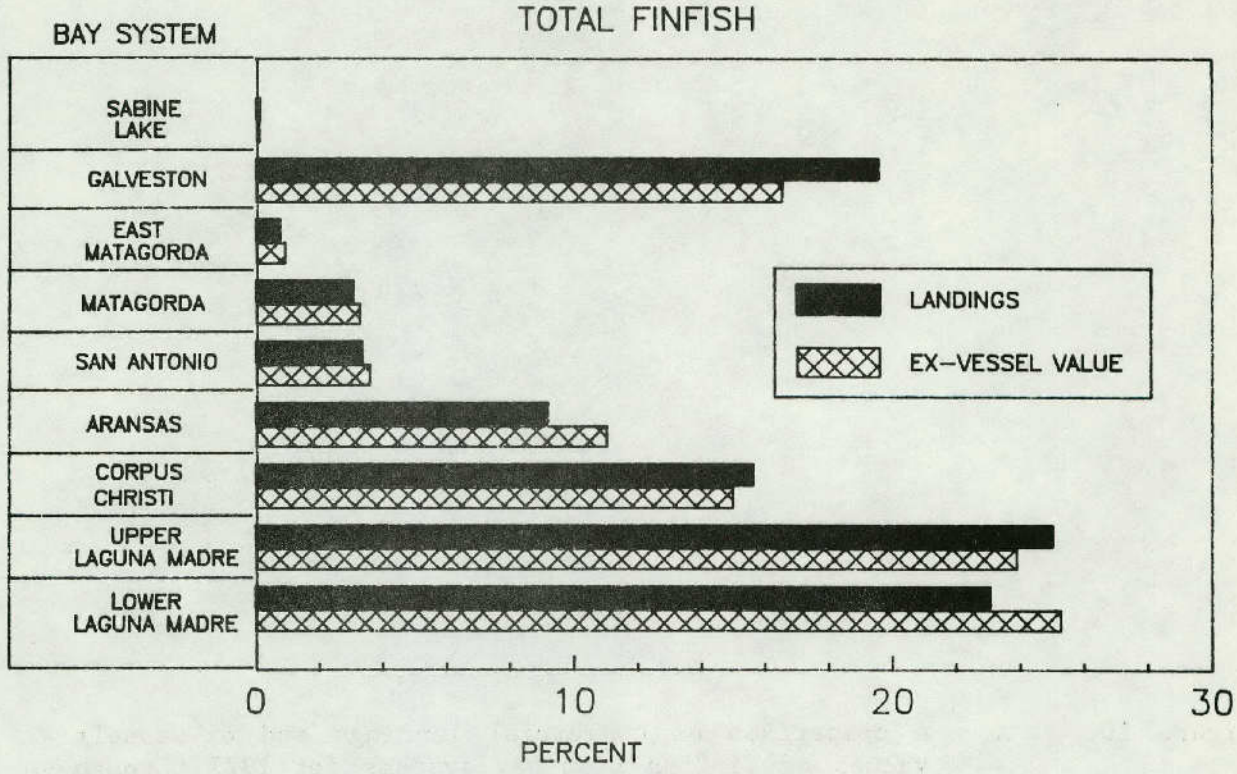

D.
EASTERN OYSTER
BAY SYSTEM
SABINE LAKE
GALVESTON
EAST MATAGORDA
MATAGORDA
SAN ANTONIO
ARANSAS
CORPUS CHRISTI
UPPER LAGUNA MADRE
LOWER LAGUNA MADRE
NONE
NONE
NONE
NONE
<1%
<1%
LANDINGS
EX-VESSEL VALUE
0
10
20
30
40
50
60
70
PERCENT

Figure 10. A. A comparison of commercial landings and ex-vessels values of finfish from bay systems for 1977 through 1988.

B. A comparison of commercial landings and ex-vessels values of finfish from gulf grid zones for 1977 through 1988.

Data for Figure 10 derived from MMPR and NMFS surveys.

A.


TOTAL FINFISH
BAY SYSTEM
SABINE LAKE
GALVESTON
EAST MATAGORDA
MATAGORDA
SAN ANTONIO
ARANSAS
CORPUS CHRISTI
UPPER LAGUNA MADRE
LOWER LAGUNA MADRE
LANDINGS
EX-VESSEL VALUE
0
10
20
30
PERCENT

B.

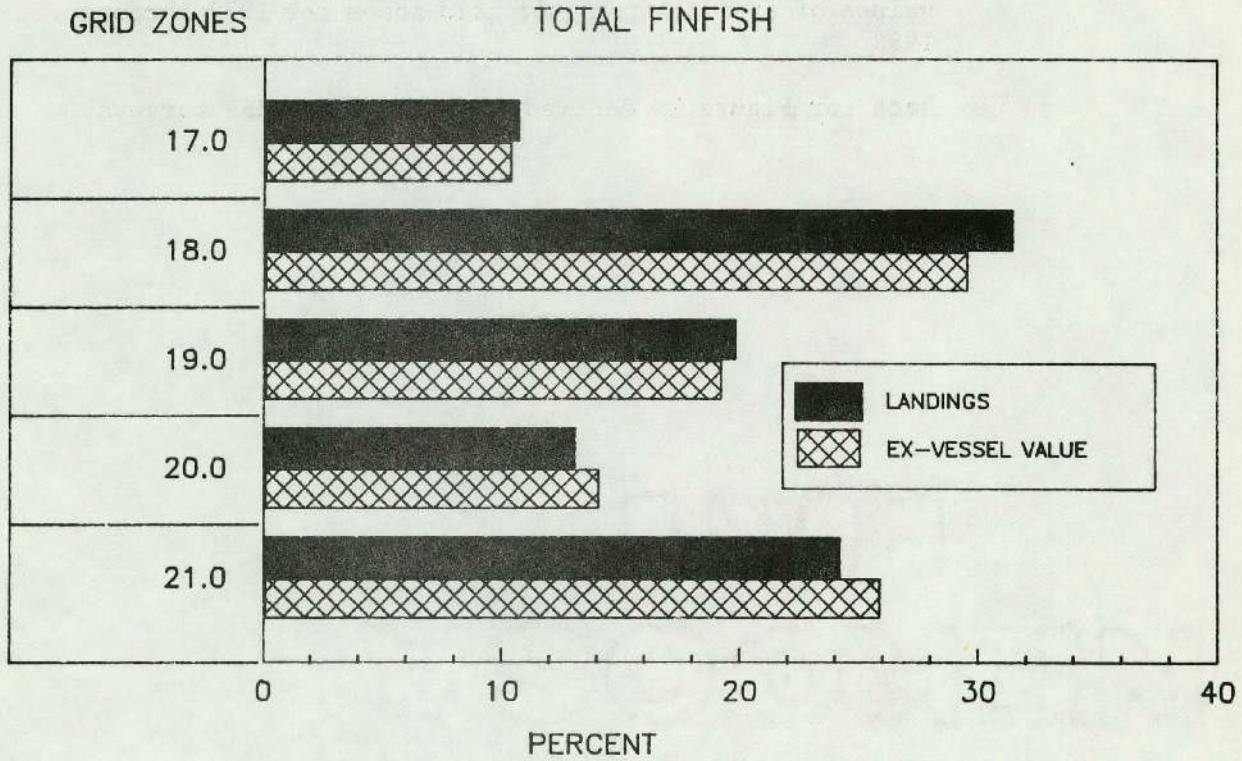

TOTAL FINFISH
GRID ZONES
17.0
18.0
19.0
20.0
21.0
LANDINGS
EX-VESSEL VALUE
0
10
20
30
40
PERCENT

Figure 11.

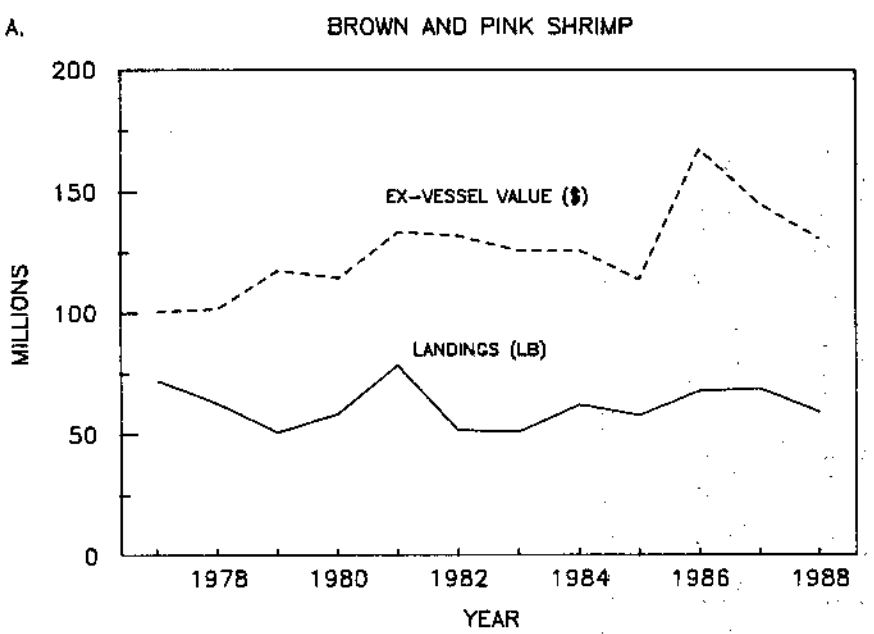
A. Texas commercial brown and pink shrimp landings (lb) and ex-vessel values ($) by year for 1977 through 1988.

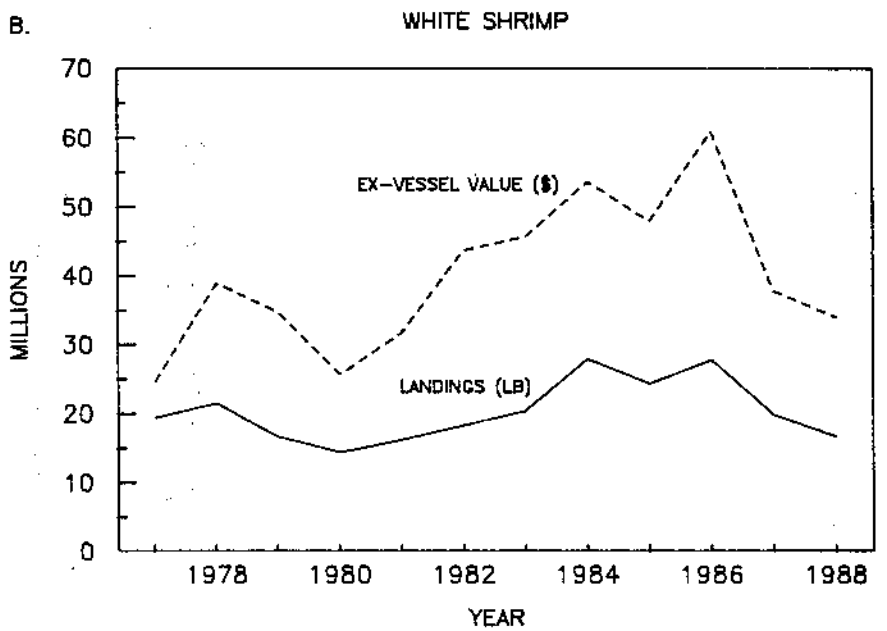
B. Texas commercial white shrimp landings (lb) and ex-vessel values ($) by year for 1977 through 1988.

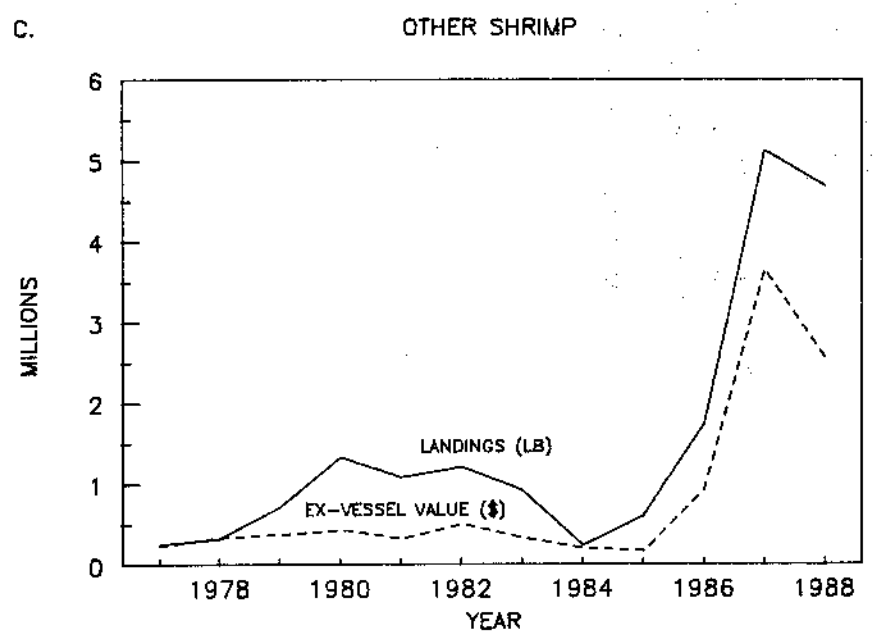
C. Texas commercial landings (lb) and ex-vessel values ($) for unspecified shrimp (other shrimp) by year for 1977 through 1988.

D. Texas commercial landings (lb) and ex-vessel values ($) for all shrimp (total shrimp) by year for 1977 through 1988.

Data for Figure 11 derived from NMFS surveys.


A.
BROWN AND PINK SHRIMP
EX-VESSEL VALUE ($)
LANDINGS (LB)
MILLIONS
YEAR
0
50
100
150
200
1978
1980
1982
1984
1986
1988


B.
WHITE SHRIMP
EX-VESSEL VALUE ($)
LANDINGS (LB)
MILLIONS
YEAR
0
10
20
30
40
50
60
70
1978
1980
1982
1984
1986
1988


C.
OTHER SHRIMP
LANDINGS (LB)
EX-VESSEL VALUE ($)
MILLIONS
YEAR
0
1
2
3
4
5
6
1978
1980
1982
1984
1986
1988

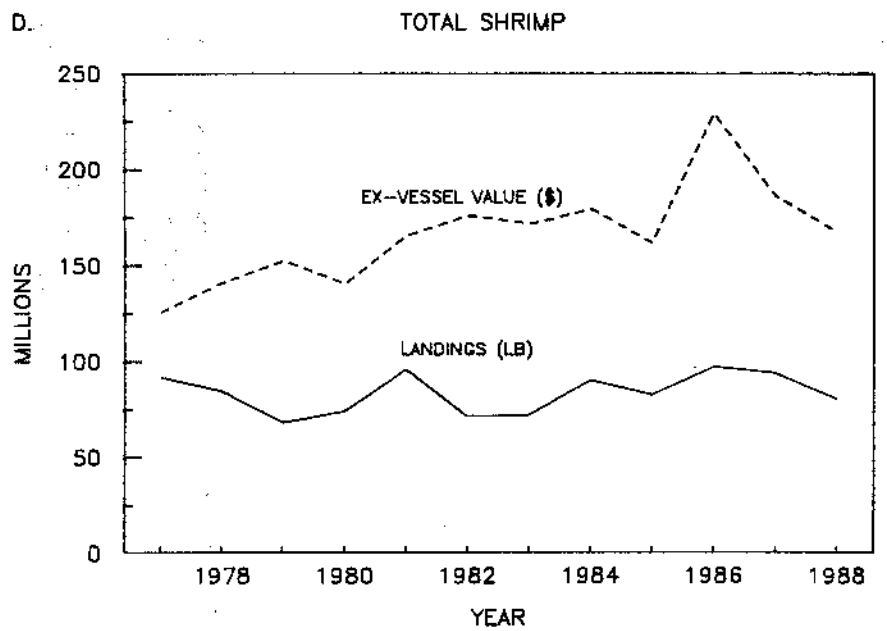

D.
TOTAL SHRIMP
EX-VESSEL VALUE ($)
LANDINGS (LB)
MILLIONS
YEAR
0
50
100
150
200
250
1978
1980
1982
1984
1986
1988

Figure 12.

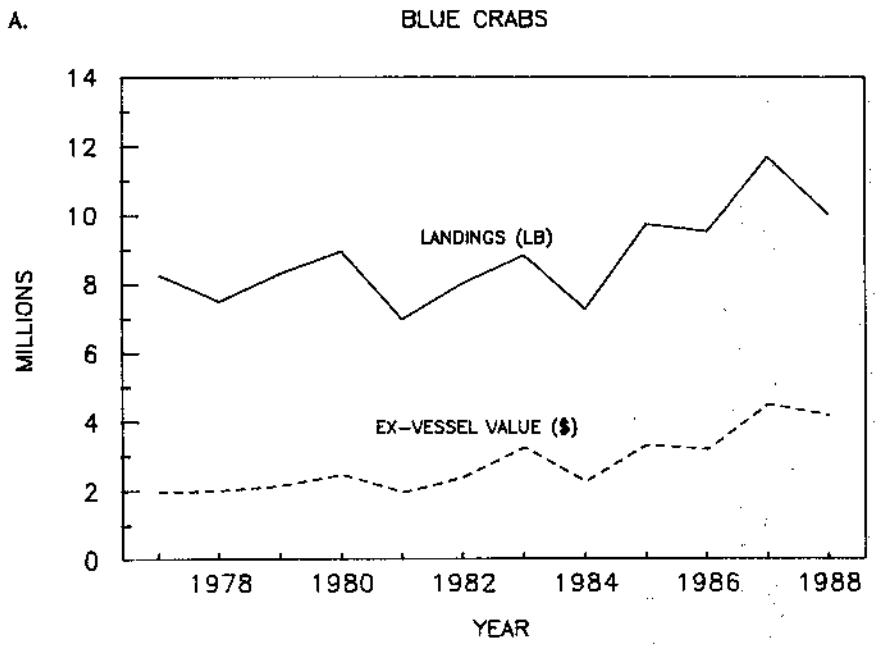
A. Texas commercial blue crab landings (lb) and ex-vessel values ($) by year for 1977 through 1988.

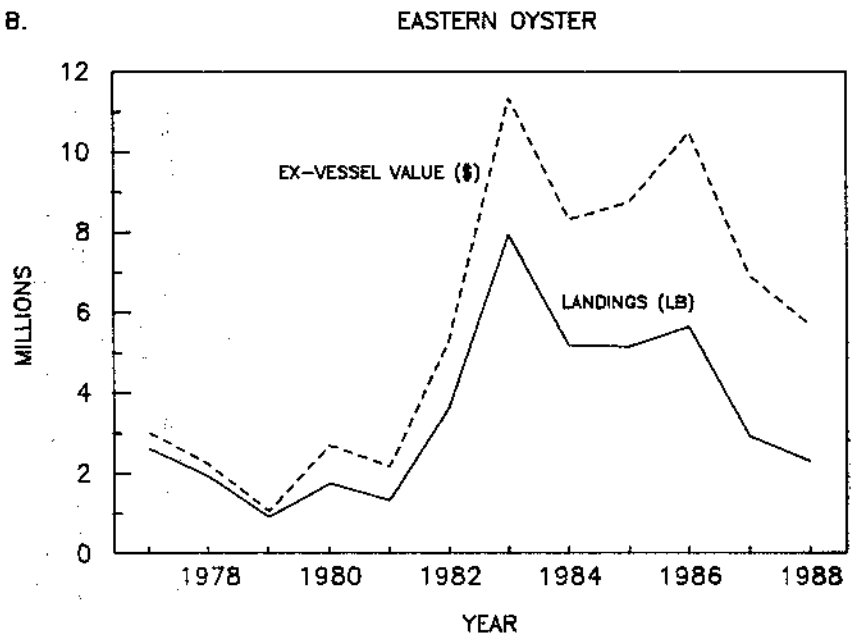
B. Texas commercial Eastern oyster landings (lb) and ex-vessel values ($) by year for 1977 through 1988.

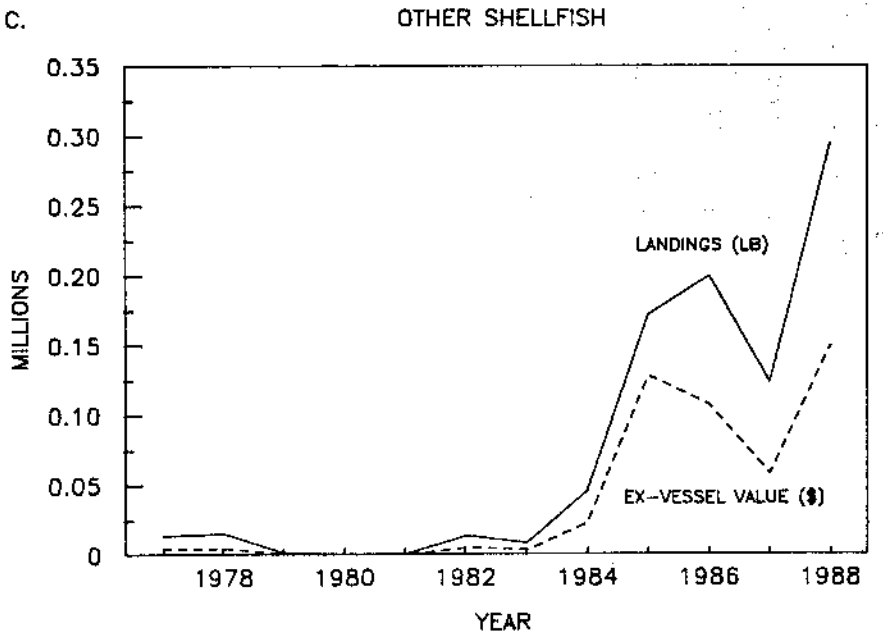
C. Texas commercial landings (lb) and ex-vessel values ($) of unspecified shellfish (other shellfish) by year for 1977 through 1988.

D. Texas commercial landings (lb) and ex-vessel values ($) of all shellfish (total shellfish) by year for 1977 through 1988.

Data for Figure 12 derived from MMPR and NMFS surveys.


A.
BLUE CRABS
MILLIONS
14
12
10
8
6
4
2
0
LANDINGS (LB)
EX-VESSEL VALUE ($)
1978
1980
1982
1984
1986
1988
YEAR


B.
EASTERN OYSTER
MILLIONS
12
10
8
6
4
2
0
EX-VESSEL VALUE ($)
LANDINGS (LB)
1978
1980
1982
1984
1986
1988
YEAR


C.
OTHER SHELLFISH
MILLIONS
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0
LANDINGS (LB)
EX-VESSEL VALUE ($)
1978
1980
1982
1984
1986
1988
YEAR

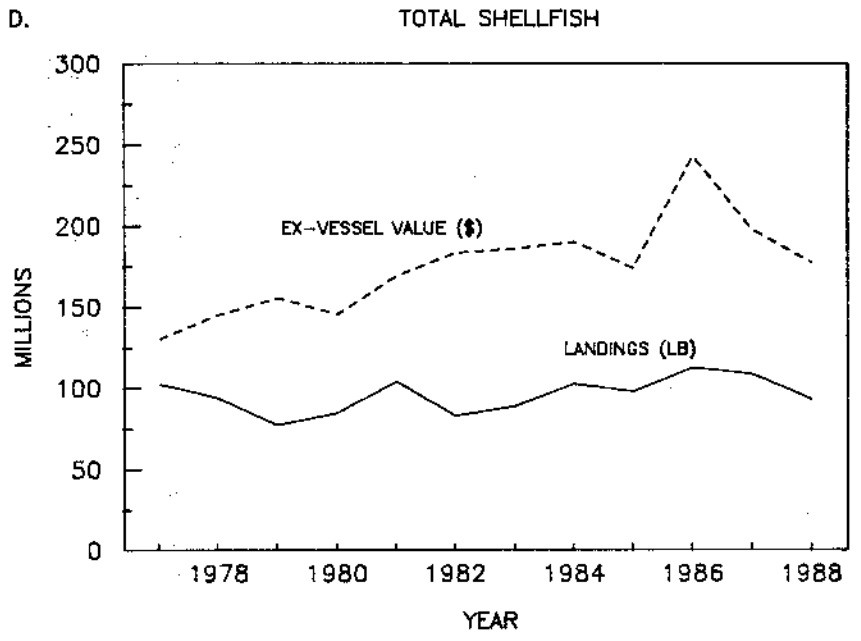

D.
TOTAL SHELLFISH
MILLIONS
300
250
200
150
100
50
0
EX-VESSEL VALUE ($)
LANDINGS (LB)
1978
1980
1982
1984
1986
1988
YEAR

Figure 13.

A. Texas commercial black drum landings (lb) and ex-vessel values ($) by year for 1977 through 1988.

B. Texas commercial flounder landings (lb) and ex-vessel values ($) by year for 1977 through 1988.

C. Texas commercial sheepshead landings (lb) and ex-vessel values ($) by year for 1977 through 1988.

D. Texas commercial snapper landings (lb) and ex-vessel values ($) by year for 1977 through 1988.

Data for Figure 13 derived from MMPR and NMFS surveys.

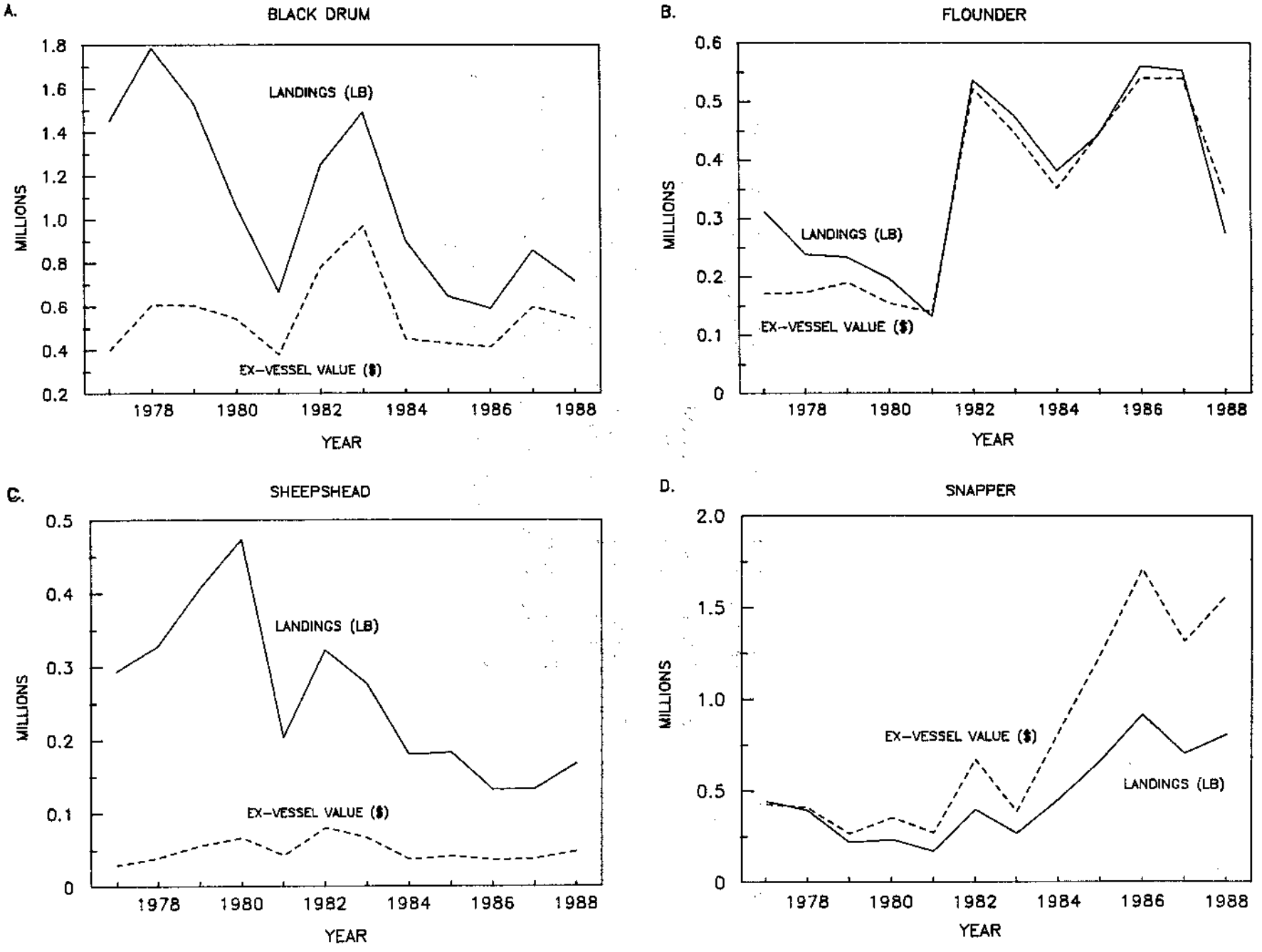
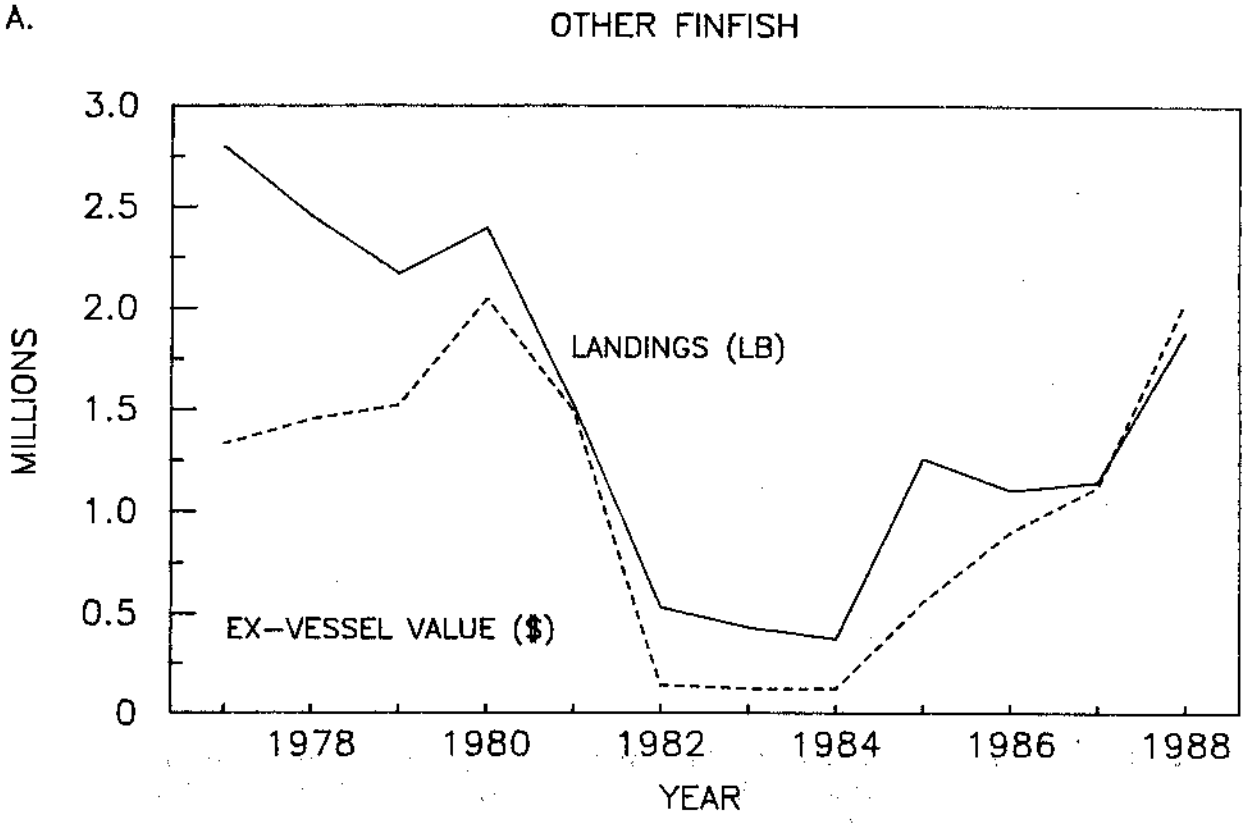

A.
BLACK DRUM
LANDINGS (LB)
EX-VESSEL VALUE ($)
MILLIONS
YEAR
B.
FLOUNDER
LANDINGS (LB)
EX-VESSEL VALUE ($)
MILLIONS
YEAR
C.
SHEEPSHEAD
LANDINGS (LB)
EX-VESSEL VALUE ($)
MILLIONS
YEAR
D.
SNAPPER
EX-VESSEL VALUE ($)
LANDINGS (LB)
MILLIONS
YEAR

Figure 14. A. Texas commercial landings (lb) and ex-vessel values ($) of unspecified finfish (other finfish) by year for 1977 through 1988.

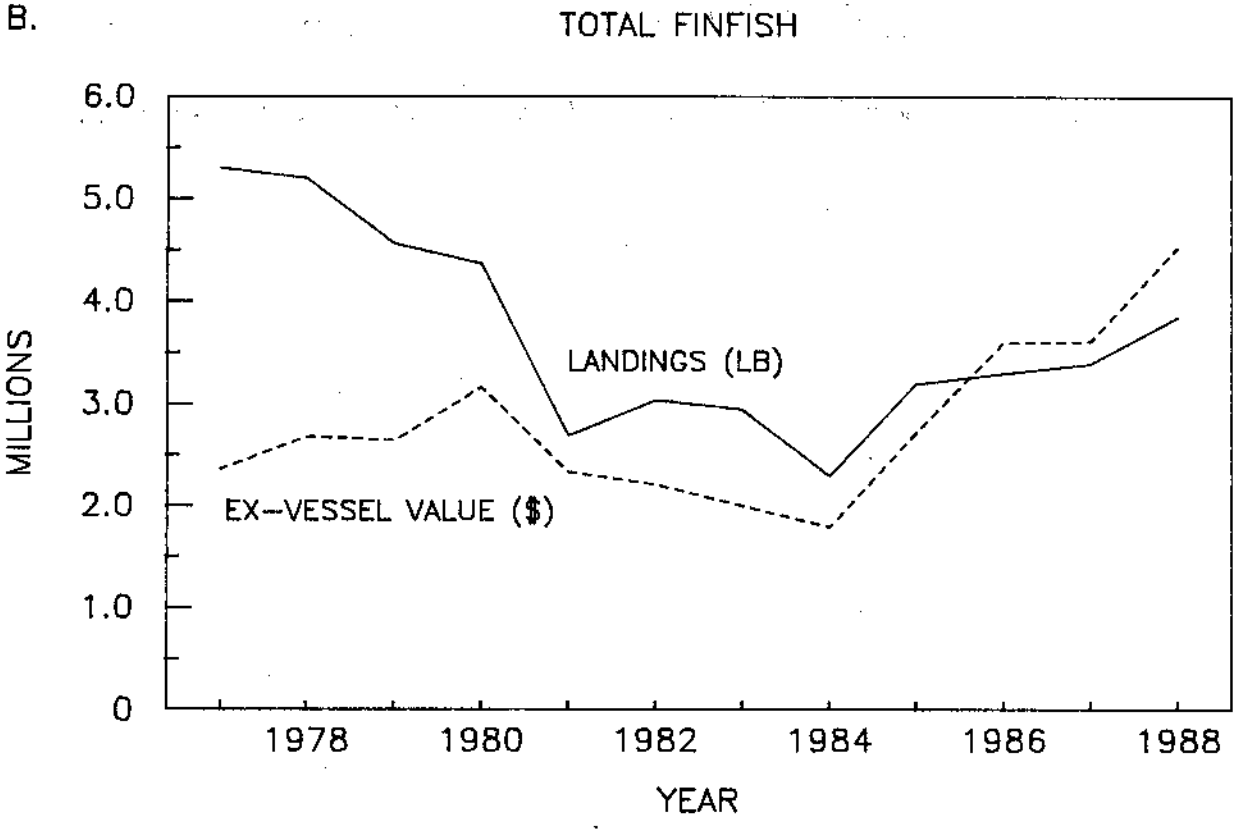
B. Texas commercial landings (lb) and ex-vessel values ($) of all finfish (total finfish) by year for 1977 through 1988.

Data for Figure 14 derived from MMPR and NMFS surveys.

A.


OTHER FINFISH
3.0
2.5
2.0
1.5
1.0
0.5
0
MILLIONS
LANDINGS (LB)
EX-VESSEL VALUE ($)
1978
1980
1982
1984
1986
1988
YEAR

B.


TOTAL FINFISH
6.0
5.0
4.0
3.0
2.0
1.0
0
MILLIONS
LANDINGS (LB)
EX-VESSEL VALUE ($)
1978
1980
1982
1984
1986
1988
YEAR

Appendix A. Conversion factors used for finfish and shellfish.

Table A.1. Factors for converting finfish gutted weight to live weight.

| Species | Conversion factors (divide by) | Reference |
|---|---|---|
| Atlantic croaker | 0.85 | TPWD unpublished data |
| Black drum | 0.88 | Harrington et al. (1979) |
| Florida pompano | 0.85 | NMFS (1980) |
| King mackerel | 0.85 | NMFS (1980) |
| Kingfish | 0.85 | TPWD unpublished data |
| Red drum | 0.88 | Harrington et al. (1979) |
| Sand seatrout | 0.87 | TPWD unpublished data |
| Shark | 0.83 | NMFS (1980) |
| Sheepshead | 0.85 | Harrington et al. (1979) |
| Snapper | 0.85 | TPWD unpublished data |
| Southern flounder | 0.93 | Harrington et al. (1979) |
| Spanish mackerel | 0.84 | NMFS (1980) |
| Spotted seatrout | 0.87 | Harrington et al. (1979) |
| Swordfish | 0.80 | NMFS (1980) |
| Tilefish | 0.91 | NMFS (1980) |
| Yellowfin tuna | 0.90 | NMFS (1980) |

Table A.2. Factors for converting finfish headed or collared weight to live weight.

| Species | Conversion factors (divide by) | Reference |
|---|---|---|
| Black drum | 0.61 | TPWD unpublished data |
| Cobia | 0.70 | NMFS (1980) |
| Gafftopsail catfish | 0.65 | TPWD unpublished data |
| Grouper | 0.70 | NMFS (1980) |
| Snapper | 0.61 | TPWD unpublished data |

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

| Species | Conversion factors (divide by) |
|---|---|
| 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 |

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

| Species | Conversion factors (divide by) |
|---|---|
| Brown shrimp | 1.61 |
| Pink shrimp | 1.60 |
| Rock shrimp | 1.67 |
| Royal red shrimp | 1.80 |
| Sea bob | 1.53 |
| White shrimp | 1.54 |

Appendix B. Weight (lb) and ex-vessel value ($) of commercial finfish and shellfish landings from Texas bay systems during 1977-1988.

Table B.1. Weight (lb) of each species landed commercially from Sabine Lake system during 1977-1988. Data based on MMPR and NMFS.

| | Finfish | | | | | | | | | | | Shellfish | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Unclassified | | | Shrimp | | | | | | | | |
| Year | Black drum | Flounder | Atlantic croaker | Gafftopsail catfish | Sheepshead | Kingfish | Mullet | Other | Food | Scrap | Total | Brown and pink | White | Other | Total | Blue crab | Eastern oyster | Other | Total | Grand total |
| 1977 | 980 | 687 | 0 | 39 | 139 | 37 | 0 | 934 | 0 | 0 | 2,816 | 2,336 | 4,212 | 9 | 6,548 | 226,100 | 0 | 0 | 232,648 | 235,464 |
| 1978 | 0 | 330 | 0 | 0 | 59 | 114 | 0 | 0 | 0 | 0 | 503 | 0 | 2,763 | 0 | 2,763 | 624,171 | 0 | 0 | 626,934 | 627,437 |
| 1979 | 556 | 51 | 9 | 9 | 764 | 60 | 56 | 274 | 0 | 248 | 2,027 | 0 | 0 | 0 | 0 | 163,301 | 0 | 0 | 163,301 | 165,328 |
| 1980 | 48 | 78 | 124 | 0 | 627 | 240 | 60 | 1,776 | 50 | 30 | 3,033 | 1,099 | 49,900 | 4,668 | 55,667 | 70,089 | 0 | 0 | 125,756 | 128,789 |
| 1981 | 219 | 119 | 0 | 0 | 76 | 238 | 12 | 461 | 230 | 45 | 1,400 | 12,830 | 43,248 | 0 | 56,078 | 72,624 | 0 | 0 | 128,702 | 130,102 |
| 1982 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 170,835 | 488 | 171,323 | 113,443 | 0 | 0 | 284,766 | 284,766 |
| 1983 | 379 | 567 | 0 | 0 | 430 | 1,201 | 0 | 0 | 0 | 140 | 2,717 | 0 | 740 | 0 | 740 | 172,874 | 0 | 0 | 173,614 | 176,331 |
| 1984 | 244 | 176 | 0 | 0 | 1,588 | 0 | 0 | 0 | 0 | 0 | 2,008 | 12,384 | 10,451 | 0 | 22,835 | 555,304 | 0 | 0 | 578,139 | 580,147 |
| 1985 | 486 | 2,283 | 0 | 0 | 1,592 | 552 | 0 | 62 | 94 | 275 | 5,344 | 0 | 21,169 | 0 | 21,169 | 673,758 | 0 | 0 | 694,927 | 700,271 |
| 1986 | 154 | 2,056 | 0 | 0 | 1,874 | 914 | 0 | 258 | 0 | 0 | 5,256 | 539 | 7,925 | 0 | 8,464 | 1,345,792 | 0 | 763 | 1,355,019 | 1,360,275 |
| 1987 | 153 | 2,527 | 0 | 655 | 2,349 | 421 | 0 | 1,296 | 200 | 425 | 8,026 | 203 | 173,190 | 0 | 173,393 | 626,999 | 0 | 130 | 800,522 | 808,548 |
| 1988 | 132 | 1,676 | 50 | 80 | 2,424 | 125 | 0 | 1,800 | 0 | 0 | 6,287 | 13,101 | 348,217 | 676 | 361,994 | 443,171 | 0 | 65 | 805,230 | 811,517 |

Table B.2. Ex-vessel value ($) of each species landed commercially from Sabine Lake system during 1977-1988. Data based on MMPR and NMFS.

| | Finfish | | | | | | | | | | | Shellfish | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Unclassified | | | Shrimp | | | | | | | | |
| Year | Black drum | Flounder | Atlantic croaker | Gafftopsail catfish | Sheepshead | Kingfish | Mullet | Other | Food | Scrap | Total | Brown and pink | White | Other | Total | Blue crab | Eastern oyster | Other | Total | Grand total |
| 1977 | 281 | 424 | 0 | 8 | 34 | 7 | 0 | 555 | 0 | 0 | 1,309 | 1,098 | 2,529 | 0 | 3,627 | 57,906 | 0 | 0 | 61,533 | 62,842 |
| 1978 | 0 | 166 | 0 | 0 | 12 | 23 | 0 | 0 | 0 | 0 | 201 | 0 | 4,528 | 0 | 4,528 | 163,290 | 0 | 0 | 167,818 | 168,019 |
| 1979 | 199 | 25 | 2 | 2 | 169 | 13 | 13 | 172 | 0 | 54 | 649 | 0 | 0 | 0 | 0 | 49,330 | 0 | 0 | 49,330 | 49,979 |
| 1980 | 24 | 43 | 55 | 0 | 166 | 69 | 28 | 1,374 | 20 | 8 | 1,787 | 1,113 | 37,519 | 1,354 | 39,986 | 24,044 | 0 | 0 | 64,030 | 65,817 |
| 1981 | 81 | 56 | 0 | 0 | 15 | 51 | 6 | 364 | 35 | 5 | 613 | 8,600 | 38,279 | 0 | 46,879 | 29,574 | 0 | 0 | 76,453 | 77,066 |
| 1982 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 197,418 | 220 | 197,638 | 43,907 | 0 | 0 | 241,545 | 241,545 |
| 1983 | 197 | 412 | 0 | 0 | 94 | 254 | 0 | 0 | 0 | 21 | 978 | 0 | 1,029 | 0 | 1,029 | 74,656 | 0 | 0 | 75,685 | 76,663 |
| 1984 | 110 | 161 | 0 | 0 | 499 | 0 | 0 | 0 | 0 | 0 | 770 | 8,762 | 12,338 | 0 | 21,100 | 204,300 | 0 | 0 | 225,400 | 226,170 |
| 1985 | 462 | 2,024 | 0 | 0 | 602 | 243 | 0 | 31 | 59 | 41 | 3,462 | 0 | 10,747 | 0 | 10,747 | 231,323 | 0 | 0 | 242,070 | 245,532 |
| 1986 | 104 | 1,957 | 0 | 0 | 777 | 274 | 0 | 155 | 0 | 0 | 3,267 | 302 | 3,931 | 0 | 4,233 | 456,437 | 0 | 306 | 460,976 | 464,243 |
| 1987 | 61 | 2,523 | 0 | 542 | 992 | 149 | 0 | 1,030 | 30 | 65 | 5,392 | 374 | 151,207 | 0 | 151,581 | 236,766 | 0 | 59 | 388,406 | 393,798 |
| 1988 | 124 | 1,668 | 30 | 20 | 1,017 | 51 | 0 | 1,800 | 0 | 0 | 4,710 | 8,084 | 279,950 | 309 | 288,343 | 183,959 | 0 | 0 | 472,335 | 477,045 |

Table B.3. Weight (lb) of each species landed commercially from the Galveston Bay system during 1977-1988. Data based on MMPR and NMFS.

| | Finfish | | | | | | | | | | | Shellfish | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Unclassified | | | Shrimp | | | | | | | | |
| Year | Black drum | Flounder | Atlantic croaker | Gafftopsail catfish | Sheepshead | Kingfish | Mullet | Other | Food | Scrap | Total | Brown and pink | White | Other | Total | Blue crab | Eastern oyster | Other | Total | Grand total |
| 1977 | 102,175 | 14,382 | 5,989 | 20,875 | 21,117 | 6,530 | 3,843 | 160,235 | 41,313 | 78,691 | 455,150 | 2,256,576 | 2,988,766 | 1,600 | 5,246,942 | 1,859,418 | 1,917,532 | 3,335 | 9,027,227 | 9,482,377 |
| 1978 | 161,887 | 55,173 | 8,937 | 32,554 | 55,504 | 4,647 | 1,946 | 362,499 | 75,265 | 49,282 | 807,694 | 2,066,133 | 3,618,523 | 0 | 5,684,656 | 1,920,886 | 1,076,797 | 3,528 | 8,685,867 | 9,493,561 |
| 1979 | 73,101 | 46,869 | 9,604 | 23,900 | 72,192 | 7,828 | 46,427 | 141,803 | 36,569 | 44,242 | 502,535 | 1,316,025 | 1,963,252 | 0 | 3,278,277 | 1,953,742 | 43,097 | 162 | 5,275,278 | 5,777,813 |
| 1980 | 55,999 | 31,477 | 5,204 | 34,421 | 65,844 | 5,824 | 2,251 | 105,870 | 29,028 | 39,496 | 375,414 | 2,317,775 | 3,439,745 | 0 | 5,757,520 | 1,749,057 | 1,004,208 | 0 | 8,510,785 | 8,886,199 |
| 1981 | 51,830 | 20,610 | 660 | 3,670 | 51,376 | 2,287 | 3,985 | 83,986 | 16,864 | 9,155 | 244,423 | 1,991,873 | 2,655,307 | 0 | 4,647,180 | 609,682 | 951,654 | 0 | 6,208,516 | 6,452,939 |
| 1982 | 72,524 | 197,762 | 59,168 | 13,477 | 125,942 | 47,889 | 118,907 | 2,733 | 19,897 | 45,080 | 703,379 | 1,646,158 | 3,459,392 | 0 | 5,105,550 | 1,216,137 | 3,253,765 | 9,942 | 9,585,394 | 10,288,773 |
| 1983 | 53,458 | 134,968 | 8,021 | 35,298 | 64,568 | 7,429 | 82,608 | 493 | 32,905 | 70,846 | 490,594 | 1,493,414 | 2,773,657 | 0 | 4,267,071 | 1,407,572 | 6,967,064 | 2,277 | 12,643,984 | 13,134,578 |
| 1984 | 269,046 | 127,753 | 1,797 | 17,895 | 74,948 | 1,968 | 50,296 | 3,193 | 16,495 | 22,400 | 585,791 | 2,558,708 | 3,604,281 | 0 | 6,162,989 | 1,396,583 | 2,360,205 | 8,340 | 9,928,117 | 10,513,908 |
| 1985 | 114,591 | 152,367 | 31,728 | 20,972 | 50,581 | 2,640 | 130,550 | 4,046 | 43,403[a] | 76,456 | 627,334 | 1,651,048 | 2,638,555 | 0 | 4,289,603 | 2,167,937[b] | 3,285,112 | 12,380 | 9,755,032 | 10,382,366 |
| 1986 | 31,279 | 137,488 | 36,603 | 11,522 | 34,354 | 1,890 | 61,460 | 9,381 | 23,869 | 76,649 | 424,495 | 2,043,085 | 4,108,323 | 1,452 | 6,152,860 | 3,018,610 | 3,541,433 | 47,377 | 12,760,280 | 13,184,775 |
| 1987 | 50,863 | 222,718 | 22,755 | 1,942 | 35,094 | 3,022 | 27,963 | 4,632 | 14,809 | 59,547 | 443,345 | 3,091,385 | 3,811,662 | 1,441 | 6,904,488 | 2,786,933 | 2,174,865 | 40,565 | 11,906,851 | 13,350,196 |
| 1988 | 61,297 | 47,299 | 13,809 | 3,262 | 73,893 | 1,588 | 64,553 | 6,872 | 15,125 | 206,282 | 493,980 | 3,454,171 | 3,085,281 | 2,889 | 6,542,341 | 3,118,874 | 1,452,365 | 56,193 | 11,169,773 | 11,663,753 |

[a]Includes 926 lb of sharkfins
[b]Includes 867 lb of soft shell crabs

Table B.4. Ex-vessel value ($) of each species landed commercially from the Galveston Bay system during 1977-1988. Data based on MMPR and NMFS.

| | Finfish | | | | | | | | | | | Shellfish | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Unclassified | | | Shrimp | | | | | | | | |
| Year | Black drum | Flounder | Atlantic croaker | Gafftopsail catfish | Sheepshead | Kingfish | Mullet | Other | Food | Scrap | Total | Brown and pink | White | Other | Total | Blue crab | Eastern oyster | Other | Total | Grand total |
| 1977 | 28,002 | 8,001 | 1,326 | 3,924 | 4,872 | 1,239 | 1,039 | 84,381 | 8,038 | 10,338 | 151,160 | 1,934,420 | 2,966,068 | 320 | 4,900,808 | 452,332 | 2,299,615 | 1,107 | 7,653,862 | 7,805,022 |
| 1978 | 48,796 | 43,424 | 1,075 | 6,676 | 10,514 | 791 | 238 | 212,370 | 14,780 | 5,792 | 344,456 | 778,260 | 4,977,027 | 0 | 5,755,287 | 521,289 | 1,222,871 | 987 | 7,500,434 | 7,844,890 |
| 1979 | 23,318 | 41,204 | 1,594 | 5,353 | 10,809 | 1,779 | 4,946 | 116,290 | 8,345 | 3,879 | 217,517 | 1,144,900 | 2,648,695 | 0 | 3,793,595 | 481,825 | 66,788 | 37 | 4,342,245 | 4,559,762 |
| 1980 | 30,080 | 28,679 | 997 | 8,770 | 15,128 | 1,003 | 474 | 109,937 | 9,499 | 5,039 | 209,606 | 2,076,228 | 4,831,461 | 0 | 6,907,689 | 493,068 | 1,643,511 | 0 | 9,044,268 | 9,253,874 |
| 1981 | 30,788 | 23,711 | 171 | 771 | 14,056 | 659 | 234 | 96,993 | 4,696 | 1,223 | 175,302 | 1,018,256 | 3,107,981 | 0 | 4,126,237 | 187,155 | 1,510,186 | 0 | 5,823,578 | 5,998,880 |
| 1982 | 27,294 | 199,896 | 10,070 | 2,870 | 27,011 | 10,597 | 12,609 | 757 | 5,863 | 5,038 | 302,005 | 1,442,651 | 5,829,651 | 0 | 7,272,302 | 401,467 | 4,781,388 | 3,898 | 12,459,055 | 12,761,060 |
| 1983 | 25,117 | 125,378 | 2,382 | 7,202 | 14,099 | 1,843 | 8,963 | 174 | 11,894 | 10,738 | 207,790 | 1,503,153 | 3,935,332 | 0 | 5,438,485 | 521,558 | 9,946,284 | 1,113 | 15,907,440 | 16,115,230 |
| 1984 | 106,901 | 133,969 | 493 | 3,858 | 15,456 | 496 | 5,485 | 1,138 | 5,958 | 5,392 | 279,146 | 2,061,455 | 4,032,756 | 0 | 6,094,211 | 541,815 | 4,015,279 | 3,725 | 10,655,030 | 10,934,176 |
| 1985 | 89,814 | 158,633 | 5,729 | 4,574 | 12,506 | 775 | 14,658 | 1,844 | 17,246[a] | 7,156 | 312,935 | 1,324,169 | 2,964,202 | 0 | 4,288,371 | 829,473[b] | 5,958,146 | 6,523 | 11,082,513 | 11,395,448 |
| 1986 | 14,818 | 142,003 | 8,371 | 3,538 | 9,155 | 738 | 7,462 | 4,693 | 6,410 | 9,303 | 206,491 | 1,869,437 | 4,969,360 | 944 | 6,839,741 | 1,028,348 | 6,952,098 | 24,697 | 14,849,884 | 15,056,375 |
| 1987 | 33,013 | 218,390 | 5,560 | 675 | 9,561 | 1,229 | 3,139 | 3,689 | 5,481 | 7,542 | 288,279 | 2,735,923 | 4,918,323 | 642 | 7,654,888 | 1,250,747 | 5,376,959 | 19,232 | 14,301,826 | 14,590,105 |
| 1988 | 55,643 | 55,457 | 3,307 | 1,038 | 17,798 | 545 | 10,690 | 3,765 | 4,003 | 73,894 | 226,140 | 3,837,344 | 4,185,904 | 1,478 | 8,024,726 | 1,517,520 | 3,921,794 | 25,106 | 13,489,146 | 13,715,286 |

[a]Includes $4,630 of sharkfins
[b]Includes $637 of soft shell crabs

Table B.5. Weight (lb) of each species landed commercially from the Matagorda Bay system during 1977-1988. Data based on MMPR and NMFS.

| | Finfish | | | | | | | | | | | Shellfish | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Unclassified | | | Shrimp[a] | | | | | | | | |
| Year | Black drum | Flounder | Atlantic croaker | Gafftopsail catfish | Sheepshead | Kingfish | Mullet | Other | Food | Scrap | Total | Brown and pink | White | Other | Total | Blue crab | Eastern oyster | Other | Total | Grand total |
| 1977 | 17,489 | 19,184 | 400 | 1,536 | 5,290 | 0 | 1,196 | 68,541 | 1,047 | 2,040 | 116,723 | 1,008,551 | 2,621,280 | 0 | 3,629,831 | 211,227 | 168,605 | 1,937 | 4,011,600 | 4,128,323 |
| 1978 | 16,503 | 19,322 | 0 | 3,265 | 2,257 | 0 | 564 | 39,891 | 79 | 0 | 81,881 | 767,620 | 2,526,703 | 0 | 3,294,323 | 313,509 | 145,791 | 668 | 3,754,291 | 3,836,172 |
| 1979 | 10,150 | 6,593 | 0 | 867 | 2,997 | 0 | 270 | 33,972 | 0 | 0 | 54,849 | 2,546,059 | 2,832,037 | 0 | 5,378,096 | 680,808 | 120,937 | 14 | 6,179,855 | 6,234,704 |
| 1980 | 11,364 | 3,077 | 0 | 0 | 2,540 | 0 | 0 | 43,546 | 131 | 0 | 60,658 | 2,059,240 | 1,538,837 | 0 | 3,598,077 | 390,743 | 333,179 | 0 | 4,321,999 | 4,382,657 |
| 1981 | 6,047 | 553 | 3 | 41 | 287 | 1 | 18,379 | 19,406 | 10 | 55 | 44,782 | 1,521,424 | 1,746,315 | 0 | 3,267,739 | 368,089 | 88,659 | 0 | 3,724,487 | 3,769,269 |
| 1982 | 1,541 | 8,510 | 0 | 13 | 661 | 3 | 1,335 | 3 | 67 | 0 | 12,133 | 1,757,008 | 2,113,842 | 0 | 3,870,830 | 689,000 | 270,376 | 74 | 4,830,310 | 4,842,443 |
| 1983 | 1,696 | 13,692 | 31 | 15 | 241 | 10 | 3,516 | 402 | 271 | 0 | 19,874 | 3,204,889 | 3,614,158 | 0 | 6,819,047 | 796,690 | 199,940 | 109 | 7,815,786 | 7,835,660 |
| 1984 | 608 | 15,886 | 18 | 135 | 749 | 102 | 19,375 | 1,045 | 2,464 | 26,529 | 66,911 | 2,851,107 | 2,890,693 | 150 | 5,741,950 | 927,467 | 448,637 | 6,860 | 7,124,914 | 7,191,825 |
| 1985 | 8,092 | 28,824 | 0 | 545 | 5,786 | 100 | 117,938 | 11 | 500 | 157,301 | 319,097 | 2,194,857 | 2,678,970 | 2,707 | 4,876,534 | 989,229 | 123,350 | 7,266 | 5,996,379 | 6,315,476 |
| 1986 | 8,775 | 28,671 | 0 | 453 | 1,556 | 92 | 50,064 | 113 | 3,854 | 3,744 | 97,322 | 2,552,763 | 3,765,573 | 0 | 6,318,336 | 1,196,418 | 382,767 | 51,067 | 7,948,588 | 8,045,910 |
| 1987 | 27,656 | 21,398 | 0 | 5 | 616 | 25 | 36,290 | 255 | 0 | 2,598 | 88,843 | 3,877,350 | 3,182,016 | 4,051 | 7,063,417 | 1,124,372 | 189,078 | 9,451 | 8,386,318 | 8,475,161 |
| 1988 | 2,249 | 2,790 | 0 | 110 | 421 | 25 | 0 | 37 | 0 | 0 | 5,632 | 2,452,358 | 1,861,817 | 0 | 4,314,175 | 740,685 | 521,057 | 8,900 | 5,584,817 | 5,590,449 |

[a]NMFS reports East Matagorda Bay system shrimp landings as combined with Matagorda Bay system shrimp landings.

Table B.6. Ex-vessel value ($) of each species landed commercially from the Matagorda Bay system during 1977-1988. Data based on MMPR and NMFS.

| | Finfish | | | | | | | | | | | Shellfish | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Unclassified | | | Shrimp[a] | | | | | | | | |
| Year | Black drum | Flounder | Atlantic croaker | Gafftopsail catfish | Sheepshead | Kingfish | Mullet | Other | Food | Scrap | Total | Brown and pink | White | Other | Total | Blue crab | Eastern oyster | Other | Total | Grand total |
| 1977 | 4,774 | 12,470 | 120 | 305 | 1,240 | 0 | 344 | 39,237 | 210 | 306 | 59,006 | 353,186 | 2,488,878 | 0 | 2,842,064 | 52,248 | 188,224 | 657 | 3,083,193 | 3,142,199 |
| 1978 | 5,160 | 13,987 | 0 | 795 | 643 | 0 | 139 | 26,892 | 12 | 0 | 47,628 | 301,006 | 3,269,862 | 0 | 3,570,868 | 81,465 | 182,319 | 247 | 3,834,899 | 3,882,527 |
| 1979 | 4,021 | 5,928 | 0 | 326 | 579 | 0 | 34 | 27,906 | 0 | 0 | 38,794 | 2,190,100 | 3,920,487 | 0 | 6,110,587 | 180,569 | 146,205 | 5 | 6,437,366 | 6,476,160 |
| 1980 | 5,603 | 3,213 | 0 | 0 | 542 | 0 | 0 | 41,342 | 33 | 0 | 50,733 | 1,663,153 | 2,622,548 | 0 | 4,285,701 | 105,058 | 495,533 | 0 | 4,886,292 | 4,937,025 |
| 1981 | 3,318 | 683 | 2 | 21 | 54 | 1 | 939 | 19,916 | 7 | 6 | 24,947 | 955,878 | 2,233,391 | 0 | 3,189,269 | 95,838 | 130,348 | 0 | 3,415,455 | 3,440,402 |
| 1982 | 1,214 | 9,459 | 0 | 8 | 432 | 1 | 282 | 2 | 44 | 0 | 11,442 | 1,471,573 | 4,017,106 | 0 | 5,488,679 | 209,954 | 389,590 | 0 | 6,088,243 | 6,099,685 |
| 1983 | 1,312 | 15,708 | 13 | 7 | 146 | 3 | 627 | 163 | 171 | 0 | 18,150 | 3,973,047 | 5,708,136 | 0 | 9,681,183 | 245,017 | 264,756 | 55 | 10,191,011 | 10,209,161 |
| 1984 | 411 | 20,304 | 9 | 72 | 298 | 43 | 1,760 | 736 | 181 | 1,896 | 25,710 | 1,933,896 | 3,852,312 | 260 | 5,786,468 | 302,472 | 732,038 | 2,495 | 6,823,473 | 6,849,183 |
| 1985 | 3,790 | 33,438 | 0 | 250 | 1,865 | 46 | 10,126 | 21 | 88 | 9,445 | 59,069 | 1,389,731 | 4,015,136 | 677 | 5,405,544 | 338,769 | 198,721 | 3,882 | 5,946,916 | 6,005,985 |
| 1986 | 6,628 | 34,206 | 0 | 211 | 674 | 36 | 4,832 | 115 | 232 | 225 | 47,159 | 2,432,679 | 6,228,565 | 0 | 8,661,244 | 371,892 | 597,175 | 21,965 | 9,652,276 | 9,699,435 |
| 1987 | 6,793 | 20,654 | 0 | 1 | 258 | 13 | 3,340 | 497 | 0 | 156 | 31,712 | 3,540,484 | 4,203,316 | 2,682 | 7,746,482 | 366,007 | 368,771 | 2,750 | 8,484,010 | 8,515,722 |
| 1988 | 1,722 | 3,464 | 0 | 96 | 208 | 13 | 0 | 22 | 0 | 0 | 5,525 | 2,165,626 | 3,021,326 | 0 | 5,186,952 | 276,722 | 1,023,268 | 5,617 | 6,492,559 | 6,498,084 |

[a]NMFS reports East Matagorda Bay system shrimp landings as combined with Matagorda Bay system shrimp landings.

Table B.7. Weight (lb) of each species landed commercially from the East Matagorda Bay system during 1977-1988. Data based on MMPR and NMFS.

| | Finfish | | | | | | | | | | | Shellfish | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Unclassified | | | Shrimp[a] | | | | | | | | |
| Year | Black drum | Flounder | Atlantic croaker | Gafftopsail catfish | Sheepshead | Kingfish | Mullet | Other | Food | Scrap | Total | Brown and pink | White | Other | Total | Blue crab | Eastern oyster | Other | Total | Grand total |
| 1977 | 9,339 | 3,497 | 30 | 0 | 2,938 | 0 | 0 | 40,991 | 0 | 14,025 | 70,820 | 0 | 0 | 0 | 0 | 309,699 | 1,317 | 0 | 311,016 | 381,836 |
| 1978 | 9,593 | 3,103 | 0 | 0 | 1,964 | 0 | 0 | 35,008 | 0 | 0 | 49,668 | 0 | 0 | 0 | 0 | 267,668 | 578 | 0 | 268,246 | 317,914 |
| 1979 | 7,531 | 791 | 0 | 209 | 1,202 | 0 | 0 | 21,489 | 0 | 0 | 31,222 | 0 | 0 | 0 | 0 | 196,073 | 25,040 | 0 | 222,113 | 253,335 |
| 1980 | 4,248 | 390 | 0 | 0 | 487 | 0 | 1 | 38,138 | 0 | 0 | 43,264 | 0 | 0 | 0 | 0 | 468,952 | 2,722 | 0 | 471,674 | 514,938 |
| 1981 | 1,387 | 269 | 9 | 28 | 50 | 6 | 0 | 10,228 | 0 | 0 | 11,977 | 0 | 0 | 0 | 0 | 83,497 | 27,504 | 0 | 111,001 | 122,978 |
| 1982 | 1,975 | 11,758 | 0 | 1,474 | 1,540 | 0 | 0 | 34 | 1,352 | 0 | 18,133 | 0 | 0 | 0 | 0 | 630,153 | 0 | 0 | 630,153 | 648,286 |
| 1983 | 453 | 6,849 | 1 | 3 | 264 | 0 | 0 | 319 | 3 | 0 | 7,892 | 0 | 0 | 0 | 0 | 637,942 | 17,569 | 0 | 655,511 | 663,403 |
| 1984 | 199 | 2,968 | 0 | 178 | 221 | 33 | 0 | 18 | 25 | 0 | 3,642 | 0 | 0 | 0 | 0 | 317,525 | 58,317 | 2,114 | 377,956 | 381,598 |
| 1985 | 0 | 44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0 | 0 | 0 | 157,482 | 2,468 | 0 | 159,950 | 159,994 |
| 1986 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3,000 | 0 | 0 | 3,000 | 3,000 |
| 1987 | 3,011 | 2,672 | 0 | 180 | 217 | 0 | 0 | 0 | 0 | 0 | 6,080 | 0 | 0 | 0 | 0 | 175 | 1,383 | 0 | 1,558 | 7,638 |
| 1988 | 742 | 778 | 0 | 0 | 197 | 511 | 0 | 0 | 0 | 0 | 2,228 | 0 | 0 | 0 | 0 | 227 | 893 | 235 | 1,355 | 3,583 |

[a]NMFS reports East Matagorda Bay system shrimp landings as combined with Matagorda Bay system shrimp landings.

Table B.8. Ex-vessel value ($) of each species landed commercially from the East Matagorda Bay system during 1977-1988. Data based on MMPR and NMFS.

| | Finfish | | | | | | | | | | | Shellfish | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Unclassified | | | Shrimp[a] | | | | | | | | |
| Year | Black drum | Flounder | Atlantic croaker | Gafftopsail catfish | Sheepshead | Kingfish | Mullet | Other | Food | Scrap | Total | Brown and pink | White | Other | Total | Blue crab | Eastern oyster | Other | Total | Grand total |
| 1977 | 2,556 | 2,112 | 9 | 0 | 709 | 0 | 0 | 24,164 | 0 | 1,403 | 30,953 | 0 | 0 | 0 | 0 | 75,882 | 1,224 | 0 | 77,106 | 108,059 |
| 1978 | 2,759 | 2,276 | 0 | 0 | 550 | 0 | 0 | 22,530 | 0 | 0 | 28,115 | 0 | 0 | 0 | 0 | 66,482 | 792 | 0 | 67,274 | 95,389 |
| 1979 | 2,655 | 614 | 0 | 94 | 487 | 0 | 0 | 18,033 | 0 | 0 | 21,883 | 0 | 0 | 0 | 0 | 48,079 | 38,020 | 0 | 86,099 | 107,982 |
| 1980 | 1,770 | 392 | 0 | 0 | 206 | 0 | 0 | 35,545 | 0 | 0 | 37,913 | 0 | 0 | 0 | 0 | 123,063 | 3,861 | 0 | 126,924 | 164,837 |
| 1981 | 906 | 342 | 7 | 21 | 35 | 5 | 0 | 10,387 | 11 | 0 | 11,714 | 0 | 0 | 0 | 0 | 23,578 | 43,804 | 0 | 67,382 | 79,096 |
| 1982 | 1,454 | 10,815 | 0 | 1,105 | 1,088 | 0 | 0 | 22 | 1,351 | 0 | 15,835 | 0 | 0 | 0 | 0 | 189,697 | 0 | 0 | 189,697 | 205,532 |
| 1983 | 316 | 8,384 | 0 | 2 | 117 | 0 | 0 | 281 | 2 | 0 | 9,102 | 0 | 0 | 0 | 0 | 157,135 | 26,985 | 0 | 184,120 | 193,222 |
| 1984 | 142 | 3,188 | 0 | 80 | 99 | 15 | 0 | 14 | 13 | 0 | 3,551 | 0 | 0 | 0 | 0 | 73,935 | 96,489 | 519 | 170,943 | 174,494 |
| 1985 | 0 | 53 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 53 | 0 | 0 | 0 | 0 | 37,847 | 4,221 | 0 | 42,068 | 42,121 |
| 1986 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 900 | 0 | 0 | 900 | 900 |
| 1987 | 2,559 | 4,031 | 0 | 27 | 54 | 0 | 0 | 0 | 0 | 0 | 6,671 | 0 | 0 | 0 | 0 | 70 | 2,294 | 0 | 2,364 | 9,035 |
| 1988 | 650 | 1,362 | 0 | 0 | 100 | 166 | 0 | 0 | 0 | 0 | 2,278 | 0 | 0 | 0 | 0 | 114 | 1,836 | 81 | 2,031 | 4,309 |

[a]NMFS reports East Matagorda Bay system shrimp landings as combined with Matagorda Bay system shrimp landings.

Table B.9. Weight (lb) of each species landed commercially from the San Antonio Bay system during 1977-1988. Data based on MMPR and NMFS.

| | Finfish | | | | | | | | | | | Shellfish | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Unclassified | | | Shrimp | | | | | | | | |
| Year | Black drum | Flounder | Atlantic croaker | Gafftopsail catfish | Sheepshead | Kingfish | Mullet | Other | Food | Scrap | Total | Brown and pink | White | Other | Total | Blue crab | Eastern oyster | Other | Total | Grand total |
| 1977 | 39,889 | 15,012 | 0 | 6,829 | 6,523 | 0 | 188 | 133,412 | 154 | 0 | 202,007 | 231,089 | 1,428,055 | 0 | 1,659,144 | 2,181,587 | 438,391 | 50 | 4,279,172 | 4,481,179 |
| 1978 | 31,040 | 11,857 | 0 | 247 | 11,544 | 0 | 574 | 88,466 | 22 | 0 | 143,750 | 685,755 | 630,176 | 0 | 1,315,931 | 1,925,483 | 560,780 | 0 | 3,802,194 | 3,945,954 |
| 1979 | 8,679 | 5,083 | 0 | 243 | 5,903 | 0 | 0 | 63,914 | 680 | 0 | 84,502 | 738,899 | 952,150 | 0 | 1,691,049 | 2,681,111 | 600,745 | 0 | 4,972,905 | 5,057,407 |
| 1980 | 17,636 | 10,073 | 0 | 49 | 4,851 | 0 | 0 | 143,247 | 89 | 0 | 175,945 | 1,173,386 | 559,288 | 0 | 1,732,674 | 3,011,967 | 361,303 | 0 | 5,105,944 | 5,281,889 |
| 1981 | 9,887 | 11,426 | 0 | 28 | 2,939 | 0 | 30,381 | 67,021 | 0 | 0 | 121,682 | 736,031 | 587,894 | 0 | 1,323,925 | 3,211,057 | 142,641 | 0 | 4,677,623 | 4,799,305 |
| 1982 | 352 | 9,226 | 0 | 0 | 388 | 0 | 0 | 0 | 0 | 0 | 9,966 | 809,548 | 450,250 | 0 | 1,259,798 | 2,310,435 | 53,925 | 0 | 3,624,158 | 3,634,124 |
| 1983 | 6,694 | 6,070 | 0 | 641 | 3,177 | 0 | 215 | 0 | 0 | 0 | 16,797 | 1,094,207 | 385,703 | 0 | 1,479,910 | 2,546,789 | 635,624 | 70 | 4,662,393 | 4,679,190 |
| 1984 | 7,489 | 8,437 | 0 | 2,129 | 7,358 | 62 | 2,848 | 1,496 | 0 | 5,055 | 34,874 | 1,113,827 | 745,136 | 0 | 1,858,963 | 1,423,640 | 1,937,344 | 4,287 | 5,224,234 | 5,259,108 |
| 1985 | 7,934 | 14,298 | 0 | 2,253 | 9,576 | 452 | 615 | 735 | 317 | 0 | 36,180 | 1,205,250 | 680,398 | 0 | 1,885,648 | 2,987,746 | 1,500,343 | 47,290 | 6,421,027 | 6,457,207 |
| 1986 | 11,940 | 10,678 | 0 | 1,703 | 8,456 | 0 | 283 | 753 | 0 | 0 | 33,813 | 1,519,625 | 809,840 | 0 | 2,329,465 | 1,715,997 | 1,627,795 | 34,634 | 5,707,891 | 5,741,704 |
| 1987 | 16,273 | 25,384 | 0 | 854 | 3,995 | 0 | 109,407 | 693 | 0 | 0 | 156,606 | 1,830,240 | 940,009 | 0 | 2,770,249 | 4,775,613 | 93,137 | 3,479 | 7,642,478 | 7,799,084 |
| 1988 | 4,396 | 31,195 | 0 | 1,354 | 2,093 | 0 | 0 | 966 | 385 | 0 | 40,389 | 1,989,771 | 616,310 | 22 | 2,606,103 | 2,741,866 | 8,927 | 132 | 5,357,028 | 5,397,417 |

Table B.10. Ex-vessel value ($) of each species landed commercially from the San Antonio Bay system during 1977-1988. Data based on MMPR and NMFS.

| | Finfish | | | | | | | | | | | Shellfish | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Unclassified | | | Shrimp | | | | | | | | |
| Year | Black drum | Flounder | Atlantic croaker | Gafftopsail catfish | Sheepshead | Kingfish | Mullet | Other | Food | Scrap | Total | Brown and pink | White | Other | Total | Blue crab | Eastern oyster | Other | Total | Grand total |
| 1977 | 9,631 | 8,965 | 0 | 1,254 | 757 | 0 | 38 | 71,942 | 69 | 0 | 92,656 | 74,219 | 975,469 | 0 | 1,049,688 | 506,154 | 428,621 | 8 | 1,984,471 | 2,077,127 |
| 1978 | 9,021 | 9,331 | 0 | 43 | 1,595 | 0 | 83 | 63,048 | 3 | 0 | 83,124 | 221,690 | 613,291 | 0 | 834,981 | 504,868 | 661,881 | 0 | 2,001,730 | 2,084,854 |
| 1979 | 3,231 | 4,830 | 0 | 43 | 1,134 | 0 | 0 | 57,467 | 272 | 0 | 66,977 | 570,771 | 1,149,737 | 0 | 1,720,508 | 723,938 | 686,703 | 0 | 3,131,149 | 3,198,126 |
| 1980 | 8,365 | 9,856 | 0 | 27 | 1,032 | 0 | 0 | 133,602 | 9 | 0 | 152,891 | 1,028,620 | 775,524 | 0 | 1,804,144 | 802,172 | 503,258 | 0 | 3,109,574 | 3,262,465 |
| 1981 | 5,446 | 13,065 | 0 | 11 | 737 | 0 | 1,519 | 69,704 | 0 | 0 | 90,482 | 461,439 | 537,989 | 0 | 999,428 | 797,729 | 194,686 | 0 | 1,991,843 | 2,082,325 |
| 1982 | 193 | 10,192 | 0 | 0 | 65 | 0 | 0 | 0 | 0 | 0 | 10,450 | 663,891 | 687,225 | 0 | 1,351,116 | 653,507 | 63,737 | 0 | 2,068,360 | 2,078,810 |
| 1983 | 4,299 | 7,521 | 0 | 211 | 678 | 0 | 65 | 0 | 0 | 0 | 12,774 | 1,307,198 | 638,401 | 0 | 1,945,599 | 1,021,105 | 908,940 | 36 | 3,875,680 | 3,888,454 |
| 1984 | 5,754 | 11,047 | 0 | 788 | 2,464 | 28 | 886 | 1,021 | 0 | 303 | 22,291 | 881,545 | 1,017,071 | 0 | 1,898,616 | 376,917 | 2,917,685 | 1,816 | 5,195,034 | 5,217,325 |
| 1985 | 3,797 | 17,857 | 0 | 925 | 3,358 | 99 | 283 | 418 | 130 | 0 | 26,867 | 619,042 | 843,141 | 0 | 1,462,183 | 957,812 | 2,239,741 | 37,154 | 4,696,890 | 4,723,757 |
| 1986 | 7,278 | 11,268 | 0 | 466 | 2,556 | 0 | 141 | 437 | 0 | 0 | 22,146 | 1,333,412 | 1,243,939 | 0 | 2,577,351 | 570,355 | 2,774,008 | 20,149 | 5,941,863 | 5,964,009 |
| 1987 | 10,576 | 32,180 | 0 | 195 | 1,383 | 0 | 9,861 | 272 | 0 | 0 | 54,467 | 1,670,280 | 1,294,548 | 0 | 2,964,828 | 1,773,206 | 186,660 | 396 | 4,925,090 | 4,979,557 |
| 1988 | 3,728 | 40,199 | 0 | 452 | 718 | 0 | 0 | 676 | 231 | 0 | 46,004 | 1,698,376 | 959,665 | 22 | 2,658,063 | 1,056,825 | 22,308 | 33 | 3,737,229 | 3,783,233 |

Table B.11. Weight (lb) of each species landed commercially from the Aransas Bay system during 1977-1988. Data based on MMPR and NMFS.

| | Finfish | | | | | | | | | | | Shellfish | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Unclassified | | | Shrimp | | | | | | | | |
| Year | Black drum | Flounder | Atlantic croaker | Gafftopsail catfish | Sheepshead | Kingfish | Mullet | Other | Food | Scrap | Total | Brown and pink | White | Other | Total | Blue crab | Eastern oyster | Other | Total | Grand total |
| 1977 | 123,441 | 68,100 | 3,135 | 16,391 | 37,993 | 0 | 2,048 | 386,837 | 740 | 23,643 | 662,328 | 473,954 | 1,781,140 | 0 | 2,255,094 | 2,244,568 | 65,573 | 0 | 4,565,235 | 5,227,563 |
| 1978 | 81,282 | 41,200 | 3,680 | 4,445 | 33,778 | 4 | 1,870 | 244,282 | 235 | 10 | 410,786 | 659,810 | 993,356 | 0 | 1,653,166 | 2,051,177 | 119,994 | 0 | 3,824,337 | 4,235,123 |
| 1979 | 24,064 | 42,414 | 257 | 3,528 | 21,264 | 0 | 1,051 | 181,346 | 54 | 181 | 274,159 | 1,427,626 | 1,227,415 | 0 | 2,655,041 | 2,436,264 | 96,013 | 0 | 5,187,318 | 5,461,477 |
| 1980 | 36,919 | 58,005 | 18 | 1,752 | 11,954 | 0 | 14,951 | 249,484 | 337 | 223 | 373,643 | 1,010,885 | 824,648 | 0 | 1,835,533 | 2,716,056 | 21,588 | 0 | 4,573,177 | 4,946,820 |
| 1981 | 19,638 | 44,607 | 3 | 361 | 26,824 | 0 | 3,197 | 69,383 | 53 | 0 | 164,066 | 1,744,416 | 726,693 | 0 | 2,471,109 | 1,738,402 | 62,369 | 0 | 4,271,880 | 4,435,946 |
| 1982 | 36,491 | 119,852 | 258 | 542 | 59,483 | 0 | 8,851 | 0 | 0 | 0 | 225,477 | 1,916,457 | 841,457 | 0 | 2,757,914 | 2,150,379 | 51,509 | 125 | 4,959,927 | 5,185,404 |
| 1983 | 51,850 | 67,796 | 1,193 | 314 | 27,397 | 0 | 13,606 | 0 | 2,952 | 102 | 165,210 | 3,122,304 | 792,925 | 0 | 3,915,229 | 2,508,983 | 117,119 | 105 | 6,541,436 | 6,706,646 |
| 1984 | 16,790 | 75,233 | 0 | 102 | 5,510 | 0 | 0 | 0 | 0 | 0 | 97,635 | 2,789,635 | 1,747,920 | 0 | 4,537,555 | 2,129,660 | 359,952 | 2,400 | 7,029,567 | 7,127,202 |
| 1985 | 15,656 | 44,605 | 0 | 0 | 11,265 | 145 | 0 | 55 | 0 | 6,100 | 77,826 | 2,551,706 | 806,467 | 252 | 3,358,425 | 2,231,473 | 216,817 | 5,080 | 5,811,795 | 5,889,621 |
| 1986 | 47,641 | 90,467 | 0 | 2,325 | 15,980 | 517 | 33 | 38 | 28 | 732 | 157,904 | 2,365,073 | 1,591,075 | 0 | 3,956,148 | 936,042 | 97,126 | 6,938 | 4,996,254 | 5,154,158 |
| 1987 | 46,396 | 70,065 | 41 | 2,059 | 29,887 | 69 | 49,681 | 392 | 33 | 164 | 198,787 | 3,308,913 | 1,155,994 | 0 | 4,464,907 | 1,683,562 | 433,189 | 32,432 | 6,614,090 | 6,812,877 |
| 1988 | 37,447 | 27,885 | 14 | 1,564 | 3,917 | 0 | 1,178 | 924 | 5,599 | 1,129 | 79,657 | 2,789,878 | 1,050,430 | 0 | 3,840,308 | 2,571,932 | 276,385 | 175,450 | 6,864,075 | 6,943,732 |

Table B.12. Ex-vessel value ($) of each species landed commercially from the Aransas Bay system during 1977-1988. Data based on MMPR and NMFS.

| | Finfish | | | | | | | | | | | Shellfish | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Unclassified | | | Shrimp | | | | | | | | |
| Year | Black drum | Flounder | Atlantic croaker | Gafftopsail catfish | Sheepshead | Kingfish | Mullet | Other | Food | Scrap | Total | Brown and pink | White | Other | Total | Blue crab | Eastern oyster | Other | Total | Grand total |
| 1977 | 33,415 | 40,208 | 469 | 2,731 | 2,654 | 0 | 102 | 229,823 | 124 | 1,317 | 310,843 | 159,139 | 1,395,300 | 0 | 1,554,439 | 505,799 | 65,103 | 0 | 2,125,341 | 2,436,184 |
| 1978 | 26,440 | 33,525 | 303 | 935 | 2,938 | 4 | 208 | 185,033 | 50 | 1 | 249,434 | 221,432 | 1,135,803 | 0 | 1,357,235 | 567,764 | 133,735 | 0 | 2,058,734 | 2,308,168 |
| 1979 | 9,094 | 34,294 | 44 | 885 | 2,720 | 0 | 105 | 163,013 | 6 | 18 | 210,179 | 1,148,755 | 1,746,314 | 0 | 2,895,069 | 613,601 | 108,704 | 0 | 3,617,374 | 3,827,553 |
| 1980 | 17,804 | 43,227 | 4 | 308 | 1,573 | 0 | 770 | 251,724 | 340 | 20 | 315,770 | 862,589 | 1,207,650 | 0 | 2,070,239 | 766,161 | 22,934 | 0 | 2,859,334 | 3,175,104 |
| 1981 | 12,343 | 53,451 | 1 | 91 | 6,151 | 0 | 458 | 79,428 | 13 | 0 | 151,936 | 925,332 | 876,325 | 0 | 1,801,657 | 547,211 | 91,656 | 0 | 2,440,524 | 2,592,460 |
| 1982 | 23,801 | 111,574 | 58 | 133 | 16,555 | 0 | 876 | 0 | 0 | 0 | 152,997 | 1,422,764 | 1,496,129 | 0 | 2,918,893 | 615,757 | 72,485 | 65 | 3,607,200 | 3,760,197 |
| 1983 | 30,276 | 64,576 | 239 | 78 | 3,876 | 0 | 1,497 | 0 | 2,650 | 15 | 103,207 | 3,818,816 | 1,429,216 | 0 | 5,248,032 | 937,186 | 183,905 | 61 | 6,369,184 | 6,472,391 |
| 1984 | 10,165 | 57,928 | 0 | 28 | 1,232 | 0 | 0 | 0 | 0 | 0 | 69,353 | 2,143,511 | 2,407,353 | 0 | 4,550,864 | 608,702 | 540,829 | 4,200 | 5,704,595 | 5,773,948 |
| 1985 | 12,594 | 45,195 | 0 | 0 | 2,174 | 62 | 0 | 31 | 0 | 610 | 60,666 | 1,428,731 | 1,234,636 | 144 | 2,663,511 | 743,747 | 342,310 | 6,263 | 3,755,831 | 3,816,497 |
| 1986 | 33,193 | 85,687 | 0 | 406 | 3,618 | 158 | 3 | 23 | 21 | 223 | 123,405 | 2,212,768 | 2,862,735 | 0 | 5,075,503 | 341,570 | 158,266 | 3,490 | 5,578,829 | 5,702,234 |
| 1987 | 34,695 | 68,367 | 11 | 388 | 7,314 | 27 | 4,482 | 95 | 17 | 75 | 115,471 | 3,713,092 | 1,784,054 | 0 | 5,497,146 | 604,315 | 944,903 | 17,650 | 7,064,014 | 7,179,485 |
| 1988 | 27,516 | 40,973 | 3 | 196 | 1,253 | 0 | 193 | 457 | 14,378 | 56 | 85,025 | 2,332,006 | 1,569,031 | 0 | 3,901,037 | 964,105 | 676,681 | 89,207 | 5,631,030 | 5,716,055 |

Table B.13. Weight (lb) of each species landed commercially from the Corpus Christi Bay system during 1977-1988. Data based on MMPR and NMFS.

| | Finfish | | | | | | | | | | | Shellfish | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Unclassified | | | Shrimp | | | | | | | | |
| Year | Black drum | Flounder | Atlantic croaker | Gafftopsail catfish | Sheepshead | Kingfish | Mullet | Other | Food | Scrap | Total | Brown and pink | White | Other | Total | Blue crab | Eastern oyster | Other | Total | Grand total |
| 1977 | 199,848 | 49,128 | 3,206 | 14,989 | 116,863 | 57 | 73 | 151,054 | 0 | 0 | 535,218 | 738,572 | 567,956 | 0 | 1,306,528 | 102,750 | 0 | 0 | 1,409,278 | 1,944,496 |
| 1978 | 400,845 | 44,879 | 1,900 | 4,998 | 126,860 | 0 | 0 | 251,294 | 889 | 0 | 831,665 | 910,075 | 521,680 | 0 | 1,431,755 | 9,307 | 0 | 0 | 1,441,062 | 2,272,727 |
| 1979 | 383,315 | 68,726 | 3,489 | 9,946 | 201,684 | 6 | 34,680 | 216,751 | 41,854 | 0 | 960,451 | 1,166,697 | 1,052,891 | 0 | 2,219,588 | 50,498 | 0 | 116 | 2,270,202 | 3,230,653 |
| 1980 | 198,629 | 26,813 | 5,028 | 8,630 | 251,267 | 156 | 69,790 | 296,804 | 0 | 4,719 | 861,836 | 1,469,014 | 400,763 | 0 | 1,869,777 | 17,448 | 0 | 0 | 1,887,225 | 2,749,061 |
| 1981 | 58,074 | 5,948 | 75 | 2,560 | 51,927 | 179 | 23,592 | 183,843 | 128 | 69 | 326,395 | 1,149,681 | 336,542 | 0 | 1,486,223 | 7,723 | 0 | 0 | 1,493,946 | 1,820,341 |
| 1982 | 58,262 | 36,632 | 829 | 153 | 43,574 | 0 | 8,568 | 703 | 0 | 0 | 148,721 | 708,245 | 400,062 | 0 | 1,108,307 | 141,558 | 0 | 0 | 1,249,865 | 1,398,586 |
| 1983 | 105,884 | 74,422 | 7,763 | 1,247 | 87,195 | 0 | 0 | 176 | 0 | 0 | 276,687 | 1,135,421 | 466,130 | 0 | 1,601,551 | 231,757 | 0 | 35 | 1,833,343 | 2,110,030 |
| 1984 | 64,620 | 32,236 | 0 | 599 | 31,185 | 0 | 1,515 | 24 | 0 | 452 | 130,631 | 2,393,305 | 1,511,141 | 0 | 3,904,446 | 76,135 | 0 | 1,014 | 3,981,595 | 4,112,226 |
| 1985 | 29,309 | 86,770 | 4,115 | 3,087 | 39,254 | 31 | 4,422 | 198 | 572 | 10,720 | 178,478 | 1,404,056 | 274,707 | 0 | 1,678,763 | 132,786 | 0 | 78,237 | 1,889,786 | 2,068,264 |
| 1986 | 58,969 | 120,588 | 2 | 1,525 | 20,443 | 0 | 358 | 110 | 203 | 22,080 | 224,278 | 993,964 | 611,059 | 0 | 1,605,023 | 877,180 | 0 | 43,560 | 2,525,763 | 2,750,041 |
| 1987 | 105,461 | 65,419 | 18,877 | 1,244 | 21,379 | 0 | 0 | 4,248 | 0 | 341 | 216,969 | 1,309,794 | 764,332 | 0 | 2,074,126 | 267,622 | 403 | 18,302 | 2,360,453 | 2,577,422 |
| 1988 | 132,638 | 32,995 | 0 | 1,610 | 59,512 | 0 | 0 | 449 | 226 | 0 | 227,430 | 981,943 | 463,379 | 0 | 1,445,322 | 202,774 | 175 | 37,377 | 1,685,648 | 1,913,078 |

Table B.14. Ex-vessel value ($) of each species landed commercially from the Corpus Christi Bay system during 1977-1988. Data based on MMPR and NMFS.

| | Finfish | | | | | | | | | | | Shellfish | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Unclassified | | | Shrimp | | | | | | | | |
| Year | Black drum | Flounder | Atlantic croaker | Gafftopsail catfish | Sheepshead | Kingfish | Mullet | Other | Food | Scrap | Total | Brown and pink | White | Other | Total | Blue crab | Eastern oyster | Other | Total | Grand total |
| 1977 | 59,310 | 29,921 | 334 | 1,482 | 7,736 | 3 | 4 | 89,617 | 0 | 0 | 188,407 | 301,665 | 442,067 | 0 | 743,732 | 25,810 | 0 | 0 | 769,542 | 957,949 |
| 1978 | 153,766 | 35,304 | 314 | 809 | 11,979 | 0 | 0 | 177,562 | 118 | 0 | 379,852 | 395,436 | 692,600 | 0 | 1,088,036 | 2,136 | 0 | 0 | 1,090,172 | 1,470,024 |
| 1979 | 165,498 | 55,662 | 676 | 1,823 | 25,873 | 2 | 2,561 | 191,436 | 5,324 | 0 | 448,855 | 1,040,520 | 1,646,614 | 0 | 2,687,134 | 10,907 | 0 | 23 | 2,698,064 | 3,146,919 |
| 1980 | 108,901 | 21,887 | 376 | 1,071 | 29,996 | 18 | 5,031 | 300,842 | 0 | 420 | 468,542 | 1,199,080 | 592,844 | 0 | 1,791,924 | 7,821 | 0 | 0 | 1,799,745 | 2,268,287 |
| 1981 | 34,388 | 6,029 | 16 | 674 | 7,862 | 9 | 2,118 | 196,317 | 26 | 10 | 247,449 | 788,033 | 439,698 | 0 | 1,227,731 | 3,852 | 0 | 0 | 1,231,583 | 1,479,032 |
| 1982 | 39,154 | 35,722 | 385 | 43 | 10,643 | 0 | 729 | 422 | 0 | 0 | 87,098 | 620,284 | 696,440 | 0 | 1,360,646 | 43,922 | 0 | 0 | 1,360,646 | 1,447,744 |
| 1983 | 68,646 | 72,871 | 1,225 | 291 | 22,969 | 0 | 0 | 35 | 0 | 0 | 166,037 | 1,419,771 | 896,636 | 0 | 2,316,407 | 93,369 | 0 | 18 | 2,409,794 | 2,575,831 |
| 1984 | 39,853 | 30,914 | 0 | 179 | 5,987 | 0 | 170 | 23 | 0 | 45 | 77,171 | 1,935,026 | 1,989,797 | 0 | 3,924,823 | 27,079 | 0 | 508 | 3,952,410 | 4,029,581 |
| 1985 | 23,816 | 82,572 | 826 | 958 | 7,759 | 2 | 444 | 187 | 139 | 1,156 | 117,859 | 1,016,137 | 366,652 | 0 | 1,382,789 | 44,890 | 0 | 59,735 | 1,487,414 | 1,605,273 |
| 1986 | 36,613 | 108,502 | 1 | 256 | 4,762 | 0 | 45 | 57 | 118 | 5,379 | 155,833 | 1,146,129 | 904,608 | 0 | 2,050,737 | 273,694 | 0 | 29,260 | 2,353,691 | 2,509,524 |
| 1987 | 61,087 | 62,061 | 7,551 | 124 | 5,478 | 0 | 0 | 473 | 0 | 136 | 136,910 | 1,710,234 | 1,193,496 | 0 | 2,903,730 | 102,023 | 1,449 | 8,311 | 3,015,513 | 3,152,423 |
| 1988 | 115,127 | 40,553 | 0 | 783 | 17,567 | 0 | 0 | 320 | 267 | 0 | 174,617 | 1,025,840 | 629,518 | 0 | 1,655,358 | 80,748 | 500 | 22,319 | 1,758,925 | 1,933,542 |

Table B.15. Weight (lb) of each species landed commercially from the upper Laguna Madre system during 1977-1988. Data based on MMPR and NMFS.

| | Finfish | | | | | | | | | | | Shellfish | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Unclassified | | | Shrimp | | | | | | | | |
| Year | Black drum | Flounder | Atlantic croaker | Gafftopsail catfish | Sheepshead | Kingfish | Mullet | Other | Food | Scrap | Total | Brown and pink | White | Other | Total | Blue crab | Eastern oyster | Other | Total | Grand total |
| 1977 | 519,296 | 5,205 | 104 | 23 | 41,537 | 0 | 495 | 320,747 | 32 | 0 | 887,439 | 0 | 0 | 0 | 0 | 126,811 | 0 | 0 | 126,811 | 1,014,250 |
| 1978 | 558,383 | 4,166 | 253 | 2 | 24,681 | 0 | 2,337 | 203,146 | 0 | 0 | 792,968 | 0 | 0 | 0 | 0 | 159,517 | 0 | 0 | 159,517 | 952,485 |
| 1979 | 562,558 | 3,362 | 655 | 65 | 31,619 | 0 | 0 | 222,193 | 0 | 0 | 820,452 | 0 | 0 | 0 | 0 | 26,911 | 0 | 0 | 26,911 | 847,363 |
| 1980 | 512,366 | 8,559 | 2,079 | 409 | 46,722 | 0 | 0 | 446,515 | 0 | 0 | 1,016,650 | 0 | 0 | 0 | 0 | 6,688 | 0 | 0 | 6,688 | 1,023,338 |
| 1981 | 343,717 | 5,031 | 931 | 93 | 35,306 | 4 | 2 | 266,387 | 0 | 0 | 651,471 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 651,471 |
| 1982 | 778,749 | 21,881 | 16 | 0 | 60,695 | 0 | 0 | 296 | 0 | 0 | 861,637 | 0 | 0 | 0 | 0 | 8,913 | 0 | 0 | 8,913 | 870,550 |
| 1983 | 1,021,586 | 50,078 | 6 | 0 | 80,860 | 0 | 0 | 739 | 0 | 0 | 1,153,269 | 0 | 0 | 0 | 0 | 12,290 | 0 | 0 | 12,290 | 1,165,559 |
| 1984 | 373,819 | 28,287 | 0 | 1,049 | 43,586 | 0 | 0 | 520 | 0 | 0 | 447,261 | 0 | 0 | 0 | 0 | 19,727 | 0 | 0 | 19,727 | 466,988 |
| 1985 | 284,762 | 17,998 | 0 | 296 | 36,410 | 0 | 0 | 1,802 | 0 | 0 | 341,268 | 171,060 | 1,266 | 0 | 172,326 | 92,515 | 0 | 400 | 265,241 | 606,509 |
| 1986 | 293,320 | 24,618 | 0 | 0 | 27,383 | 0 | 0 | 2,080 | 0 | 0 | 347,401 | 80,975 | 171 | 0 | 81,146 | 76,286 | 0 | 310 | 157,742 | 505,143 |
| 1987 | 335,407 | 10,847 | 55 | 622 | 5,152 | 0 | 0 | 0 | 0 | 0 | 352,083 | 240,689 | 644 | 0 | 241,333 | 179,427 | 0 | 165 | 420,925 | 773,008 |
| 1988 | 188,508 | 4,969 | 2 | 0 | 4,810 | 0 | 0 | 1,803 | 0 | 0 | 200,092 | 268,061 | 2,929 | 0 | 270,990 | 102,815 | 438 | 96 | 374,339 | 574,431 |

Table B.16. Ex-vessel value ($) of each species landed commercially from the upper Laguna Madre system during 1977-1988. Data based on MMPR and NMFS.

| | Finfish | | | | | | | | | | | Shellfish | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Unclassified | | | Shrimp | | | | | | | | |
| Year | Black drum | Flounder | Atlantic croaker | Gafftopsail catfish | Sheepshead | Kingfish | Mullet | Other | Food | Scrap | Total | Brown and pink | White | Other | Total | Blue crab | Eastern oyster | Other | Total | Grand total |
| 1977 | 165,429 | 3,278 | 10 | 3 | 3,130 | 0 | 50 | 186,747 | 8 | 0 | 358,655 | 0 | 0 | 0 | 0 | 28,855 | 0 | 0 | 28,855 | 387,510 |
| 1978 | 229,320 | 3,434 | 42 | 0 | 2,832 | 0 | 210 | 163,236 | 0 | 0 | 399,074 | 0 | 0 | 0 | 0 | 45,691 | 0 | 0 | 45,691 | 444,765 |
| 1979 | 244,455 | 3,313 | 130 | 12 | 5,234 | 0 | 0 | 206,136 | 0 | 0 | 459,280 | 0 | 0 | 0 | 0 | 6,836 | 0 | 0 | 6,836 | 466,116 |
| 1980 | 265,977 | 6,424 | 320 | 97 | 7,907 | 0 | 0 | 411,325 | 0 | 0 | 692,050 | 0 | 0 | 0 | 0 | 2,704 | 0 | 0 | 2,704 | 694,754 |
| 1981 | 199,140 | 5,604 | 223 | 21 | 7,458 | 1 | 0 | 293,345 | 0 | 0 | 505,792 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 505,792 |
| 1982 | 535,031 | 24,167 | 4 | 0 | 16,936 | 0 | 0 | 347 | 0 | 0 | 576,485 | 0 | 0 | 0 | 0 | 3,832 | 0 | 0 | 3,832 | 580,317 |
| 1983 | 708,865 | 53,945 | 1 | 0 | 22,018 | 0 | 0 | 1,060 | 0 | 0 | 785,889 | 0 | 0 | 0 | 0 | 6,074 | 0 | 0 | 6,074 | 791,963 |
| 1984 | 195,673 | 27,576 | 0 | 274 | 7,706 | 0 | 0 | 504 | 0 | 0 | 231,733 | 0 | 0 | 0 | 0 | 8,056 | 0 | 0 | 8,056 | 239,789 |
| 1985 | 164,458 | 18,348 | 0 | 122 | 7,321 | 0 | 0 | 1,695 | 0 | 0 | 191,944 | 107,763 | 1,313 | 0 | 109,076 | 30,883 | 0 | 200 | 140,159 | 332,103 |
| 1986 | 218,249 | 24,088 | 0 | 0 | 7,750 | 0 | 0 | 1,977 | 0 | 0 | 252,064 | 95,767 | 198 | 0 | 95,965 | 26,274 | 0 | 155 | 122,394 | 374,458 |
| 1987 | 282,557 | 9,908 | 16 | 162 | 1,677 | 0 | 0 | 0 | 0 | 0 | 294,320 | 350,840 | 1,318 | 0 | 352,158 | 74,900 | 0 | 58 | 427,116 | 721,436 |
| 1988 | 163,051 | 7,506 | 1 | 0 | 2,083 | 0 | 0 | 2,074 | 0 | 0 | 174,715 | 298,948 | 4,023 | 0 | 302,971 | 42,507 | 1,250 | 67 | 346,795 | 521,510 |

Table B.17. Weight (lb) of each species landed commercially from the lower Laguna Madre system during 1977-1988. Data based on MMPR and NMFS.

| | Finfish | | | | | | | | | | | Shellfish | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Unclassified | | | Shrimp | | | | | | | | |
| Year | Black drum | Flounder | Atlantic croaker | Gafftopsail catfish | Sheepshead | Kingfish | Mullet | Other | Food | Scrap | Total | Brown and pink | White | Other | Total | Blue crab | Eastern oyster | Other | Total | Grand total |
| 1977 | 378,258 | 35,255 | 17,121 | 147 | 27,603 | 0 | 0 | 878,924 | 836 | 22,071 | 1,360,215 | 0 | 0 | 0 | 0 | 975,244 | 9,066 | 0 | 984,310 | 2,344,525 |
| 1978 | 492,760 | 12,552 | 5,004 | 4,928 | 60,371 | 0 | 824 | 754,432 | 3,555 | 2,322 | 1,336,748 | 0 | 0 | 0 | 0 | 196,070 | 3,071 | 64 | 199,205 | 1,535,953 |
| 1979 | 434,749 | 32,867 | 2,356 | 190 | 45,826 | 0 | 0 | 706,426 | 2,731 | 170 | 1,225,315 | 0 | 0 | 0 | 0 | 122,279 | 1,963 | 0 | 124,242 | 1,349,557 |
| 1980 | 210,016 | 11,334 | 1,194 | 0 | 82,148 | 0 | 269 | 713,244 | 1,333 | 381 | 1,019,919 | 0 | 0 | 0 | 0 | 518,342 | 15,494 | 0 | 533,836 | 1,553,755 |
| 1981 | 157,654 | 10,855 | 526 | 3 | 24,770 | 3 | 5,700 | 523,375 | 1,651 | 345 | 724,880 | 0 | 0 | 0 | 0 | 815,087 | 0 | 0 | 815,087 | 1,539,967 |
| 1982 | 274,561 | 33,825 | 91 | 0 | 11,273 | 0 | 0 | 15 | 1,849 | 0 | 321,614 | 0 | 0 | 0 | 0 | 747,180 | 3,752 | 0 | 750,752 | 1,072,366 |
| 1983 | 238,784 | 44,935 | 2,473 | 0 | 8,089 | 109 | 126 | 4,180 | 5,922 | 379 | 304,997 | 0 | 0 | 0 | 0 | 479,092 | 3,433 | 0 | 482,525 | 787,522 |
| 1984 | 136,526 | 10,082 | 0 | 0 | 2,917 | 0 | 0 | 7 | 51 | 0 | 149,583 | 0 | 0 | 0 | 0 | 355,207 | 3,276 | 0 | 358,483 | 508,066 |
| 1985 | 171,176 | 22,383 | 0 | 0 | 2,567 | 2,316 | 0 | 149 | 3,419 | 0 | 202,010 | 0 | 0 | 0 | 0 | 258,041 | 5,847 | 2,840 | 266,728 | 468,738 |
| 1986 | 120,296 | 78,686 | 0 | 0 | 2,632 | 614 | 39 | 6,104 | 4,535 | 0 | 212,906 | 0 | 0 | 0 | 0 | 229,754 | 123 | 0 | 229,877 | 442,783 |
| 1987 | 177,004 | 60,677 | 0 | 0 | 1,919 | 287 | 0 | 685 | 0 | 0 | 240,572 | 0 | 0 | 0 | 0 | 206,519 | 4,081 | 1,792 | 212,392 | 452,964 |
| 1988 | 78,463 | 58,755 | 237 | 0 | 2,658 | 150 | 0 | 3,989 | 11,153 | 0 | 155,405 | 0 | 0 | 0 | 0 | 700 | 9,069 | 0 | 9,769 | 165,174 |

Table B.18. Ex-vessel value ($) of each species landed commercially from the lower Laguna Madre system during 1977-1988. Data based on MMPR and NMFS.

| | Finfish | | | | | | | | | | | Shellfish | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Unclassified | | | Shrimp | | | | | | | | |
| Year | Black drum | Flounder | Atlantic croaker | Gafftopsail catfish | Sheepshead | Kingfish | Mullet | Other | Food | Scrap | Total | Brown and pink | White | Other | Total | Blue crab | Eastern oyster | Other | Total | Grand total |
| 1977 | 84,443 | 16,294 | 1,056 | 30 | 2,138 | 0 | 0 | 421,397 | 93 | 5,518 | 530,969 | 0 | 0 | 0 | 0 | 239,526 | 8,957 | 0 | 248,483 | 779,452 |
| 1978 | 125,476 | 7,678 | 502 | 2,918 | 6,517 | 0 | 49 | 481,799 | 546 | 235 | 625,720 | 0 | 0 | 0 | 0 | 50,571 | 4,010 | 10 | 54,591 | 680,311 |
| 1979 | 141,050 | 27,732 | 269 | 38 | 4,958 | 0 | 0 | 566,319 | 413 | 15 | 737,794 | 0 | 0 | 0 | 0 | 30,801 | 2,235 | 0 | 33,036 | 770,830 |
| 1980 | 98,202 | 8,799 | 81 | 0 | 8,571 | 0 | 13 | 643,886 | 239 | 41 | 759,832 | 0 | 0 | 0 | 0 | 130,942 | 23,234 | 0 | 154,176 | 914,008 |
| 1981 | 86,390 | 11,614 | 94 | 1 | 3,882 | 1 | 570 | 600,430 | 290 | 58 | 703,330 | 0 | 0 | 0 | 0 | 234,290 | 0 | 0 | 234,290 | 937,620 |
| 1982 | 145,360 | 37,163 | 27 | 0 | 2,013 | 0 | 0 | 27 | 309 | 0 | 184,899 | 0 | 0 | 0 | 0 | 212,255 | 6,531 | 0 | 218,786 | 403,685 |
| 1983 | 126,297 | 45,586 | 346 | 0 | 1,111 | 35 | 57 | 1,295 | 1,820 | 51 | 176,598 | 0 | 0 | 0 | 0 | 183,548 | 5,796 | 0 | 189,344 | 365,942 |
| 1984 | 80,984 | 10,314 | 0 | 0 | 605 | 0 | 0 | 12 | 26 | 0 | 91,941 | 0 | 0 | 0 | 0 | 102,235 | 6415 | 0 | 108,650 | 200,591 |
| 1985 | 122,416 | 24,370 | 0 | 0 | 670 | 579 | 0 | 284 | 2,679 | 0 | 150,998 | 0 | 0 | 0 | 0 | 86,400 | 11,732 | 4,080 | 102,212 | 253,210 |
| 1986 | 85,443 | 77,734 | 0 | 0 | 684 | 279 | 10 | 7,046 | 4,105 | 0 | 175,301 | 0 | 0 | 0 | 0 | 68,675 | 231 | 0 | 68,906 | 244,207 |
| 1987 | 100,988 | 59,358 | 0 | 0 | 606 | 95 | 0 | 343 | 0 | 0 | 161,390 | 0 | 0 | 0 | 0 | 53,316 | 8,446 | 2,165 | 63,927 | 225,317 |
| 1988 | 53,266 | 86,518 | 47 | 0 | 664 | 150 | 0 | 0 | 16,730 | 0 | 160,406 | 0 | 0 | 0 | 0 | 734 | 21,545 | 0 | 22,279 | 182,685 |

Appendix C. Weight (lb) and ex-vessel value ($) of commercial finfish and shellfish, except shrimp, landings from the Gulf of Mexico grid zones during 1977-1988.

Table C.1. Weight (lb) of each species, except shrimp, landed commercially from Gulf of Mexico grid zone 17.0 during 1977-1988. Data based on MMPR.

| Year | Finfish | | | | | | | | | | | | | | Shellfish | | | Grand total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Black drum | Flounder | Atlantic croaker | Gafftopsail catfish | Sheepshead | Kingfish | Mullet | Cobia | Grouper | Snapper | Other | Unclassified Food | Unclassified Scrap | Total | Blue crab | Other | Total | |
| 1977 | 5,810 | 2,888 | 386 | 50 | 1,615 | 4,805 | 0 | 200 | 629 | 36,211 | 3,864 | 0 | 0 | 56,458 | 0 | 0 | 0 | 56,458 |
| 1978 | 20,455 | 2,539 | 0 | 112 | 143 | 2,128 | 0 | 0 | 0 | 1,546 | 779 | 461 | 0 | 28,163 | 1,268 | 13 | 1,281 | 29,444 |
| 1979 | 114 | 1,176 | 0 | 77 | 587 | 418 | 0 | 0 | 0 | 3,222 | 3,277 | 0 | 0 | 8,871 | 100 | 0 | 100 | 8,971 |
| 1980 | 113 | 3,619 | 352 | 0 | 471 | 3,668 | 0 | 0 | 582 | 825 | 312 | 71 | 276 | 10,289 | 3,149 | 0 | 3,149 | 13,438 |
| 1981 | 71 | 2,816 | 29 | 562 | 532 | 1,250 | 619 | 0 | 4 | 235 | 129 | 0 | 515 | 6,762 | 5,860 | 0 | 5,860 | 12,662 |
| 1982 | 62 | 4,010 | 35 | 31 | 1,450 | 1,923 | 0 | 0 | 0 | 0 | 0 | 0 | 142 | 7,653 | 2,555 | 114 | 2,669 | 10,332 |
| 1983 | 247 | 3,715 | 8 | 23 | 474 | 1,082 | 0 | 0 | 0 | 5,549 | 0 | 468 | 860 | 12,426 | 5,355 | 150 | 5,505 | 17,931 |
| 1984 | 307 | 4,112 | 33 | 0 | 171 | 453 | 0 | 0 | 199 | 6,102 | 0 | 0 | 480 | 11,857 | 962 | 200 | 1,162 | 13,019 |
| 1985 | 20 | 9,021 | 0 | 52 | 194 | 2,828 | 0 | 0 | 14,515 | 17,193 | 3,738 | 1,021 | 425 | 49,007 | 2,211 | 71 | 2,282 | 51,289 |
| 1986 | 1,735 | 15,135 | 0 | 832 | 2,721 | 1,897 | 0 | 337 | 26,573 | 107,410 | 21,065 | 276 | 870 | 178,851 | 29,910 | 5,467 | 35,377 | 214,228 |
| 1987 | 49,541 | 30,645 | 1,004 | 3,868 | 12,525 | 12,934 | 0 | 766 | 5,203 | 63,586 | 8,078 | 0 | 1,529 | 189,679 | 19,365 | 4,720 | 24,085 | 213,764 |
| 1988 | 161,158 | 19,457 | 590 | 2,101 | 4,566 | 13,934 | 0 | 275 | 46,827 | 35,649 | 510,491 | 0 | 26 | 795,074 | 33,424 | 6,188 | 39,612 | 834,686 |

Table C.2. Ex-vessel value ($) of each species, except shrimp, landed commercially in Gulf of Mexico grid zone 17.0 during 1977-1988. Data based on MMPR.

| Year | Finfish | | | | | | | | | | | | | | Shellfish | | | Grand total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Black drum | Flounder | Atlantic croaker | Gafftopsail catfish | Sheepshead | Kingfish | Mullet | Cobia | Grouper | Snapper | Other | Unclassified Food | Unclassified Scrap | Total | Blue crab | Other | Total | |
| 1977 | 1,558 | 1,529 | 93 | 10 | 331 | 966 | 0 | 50 | 159 | 32,954 | 2,030 | 0 | 0 | 39,680 | 0 | 0 | 0 | 39,680 |
| 1978 | 4,091 | 1,222 | 0 | 20 | 17 | 346 | 0 | 0 | 0 | 1,725 | 357 | 108 | 0 | 7,886 | 159 | 3 | 162 | 8,048 |
| 1979 | 23 | 622 | 0 | 15 | 139 | 66 | 0 | 0 | 0 | 4,280 | 3,943 | 0 | 0 | 9,088 | 30 | 0 | 30 | 9,118 |
| 1980 | 16 | 2,242 | 36 | 0 | 53 | 463 | 0 | 0 | 262 | 1,170 | 197 | 18 | 42 | 4,499 | 694 | 0 | 694 | 5,193 |
| 1981 | 17 | 1,562 | 7 | 112 | 142 | 150 | 71 | 0 | 1 | 458 | 90 | 0 | 123 | 2,733 | 1,520 | 0 | 1,520 | 4,253 |
| 1982 | 21 | 2,236 | 9 | 8 | 302 | 315 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 2,917 | 742 | 46 | 788 | 3,705 |
| 1983 | 70 | 2,224 | 3 | 6 | 106 | 181 | 0 | 0 | 0 | 9,062 | 0 | 70 | 120 | 11,842 | 2,545 | 60 | 2,605 | 14,447 |
| 1984 | 94 | 3,316 | 8 | 0 | 38 | 91 | 0 | 0 | 328 | 11,051 | 0 | 0 | 72 | 14,998 | 333 | 140 | 473 | 15,471 |
| 1985 | 5 | 7,180 | 0 | 14 | 49 | 1,154 | 0 | 0 | 21,108 | 33,148 | 2,646 | 348 | 63 | 65,715 | 888 | 28 | 916 | 66,631 |
| 1986 | 1,160 | 12,129 | 0 | 284 | 861 | 540 | 0 | 234 | 36,454 | 209,633 | 15,037 | 187 | 183 | 276,702 | 15,376 | 3,136 | 18,512 | 295,214 |
| 1987 | 36,173 | 26,222 | 479 | 860 | 4,003 | 3,800 | 0 | 669 | 7,907 | 119,169 | 6,236 | 0 | 231 | 205,749 | 7,886 | 2,091 | 9,977 | 215,726 |
| 1988 | 77,571 | 17,516 | 177 | 410 | 2,099 | 4,344 | 0 | 275 | 58,509 | 70,400 | 729,216 | 0 | 13 | 960,530 | 14,684 | 3,010 | 17,694 | 978,224 |

Table C.3. Weight (lb) of each species, except shrimp, landed commercially from Gulf of Mexico grid zone 18.0 during 1977-1988. Data based on MMPR.

| | Finfish | | | | | | | | | | | | | | Shellfish | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | Unclassified | | | | | | |
| Year | Black drum | Flounder | Atlantic croaker | Gafftopsail catfish | Sheepshead | Kingfish | Mullet | Cobia | Grouper | Snapper | Other | Food | Scrap | Total | Blue crab | Other | Total | Grand total |
| 1977 | 28,861 | 55,084 | 2,266 | 10,128 | 24,444 | 20,513 | 535 | 13,865 | 8,158 | 97,198 | 141,503 | 53,797 | 38,864 | 495,216 | 11,038 | 7,813 | 18,851 | 514,067 |
| 1978 | 4,955 | 32,429 | 5,390 | 1,634 | 8,924 | 16,089 | 1,340 | 10,124 | 17,470 | 100,449 | 45,442 | 18,781 | 35,905 | 298,932 | 502 | 11,164 | 11,666 | 310,598 |
| 1979 | 14,324 | 20,653 | 3,742 | 331 | 17,147 | 6,038 | 2,753 | 5,629 | 7,020 | 62,133 | 90,923 | 25,831 | 62,236 | 318,760 | 417 | 577 | 994 | 319,754 |
| 1980 | 7,181 | 35,081 | 13 | 434 | 4,856 | 9,424 | 1,076 | 1,700 | 13,957 | 58,750 | 44,102 | 10,763 | 8,546 | 195,883 | 485 | 0 | 485 | 196,368 |
| 1981 | 4,900 | 16,644 | 0 | 2,081 | 6,657 | 10,178 | 9,881 | 8,289 | 4,796 | 20,996 | 8,271 | 1,067 | 4,167 | 97,927 | 519 | 0 | 519 | 98,446 |
| 1982 | 4,683 | 56,556 | 0 | 1,373 | 15,794 | 19,301 | 3,204 | 15,532 | 10,477 | 97,911 | 346 | 12,312 | 0 | 237,489 | 48 | 1,340 | 1,431 | 238,920 |
| 1983 | 2,137 | 37,650 | 160 | 4,565 | 2,264 | 8,738 | 19,922 | 6,997 | 6,876 | 97,665 | 31 | 621 | 0 | 187,626 | 26,709 | 1,288 | 27,997 | 215,623 |
| 1984 | 3,048 | 32,968 | 1,198 | 2,757 | 7,403 | 9,518 | 9,350 | 5,542 | 5,822 | 50,802 | 3,537 | 0 | 0 | 131,945 | 26,378 | 13,380 | 39,758 | 171,703 |
| 1985 | 5,452 | 27,510 | 1,665 | 12,005 | 8,062 | 12,214 | 39,653 | 1,097 | 14,389 | 104,567 | 33,104 | 2,601 | 3,839 | 266,158 | 21,566 | 7,031 | 28,597 | 294,755 |
| 1986 | 2,132 | 19,608 | 2,207 | 4,044 | 7,013 | 9,214 | 3,621 | 6,260 | 30,075 | 314,680 | 120,104 | 2,052 | 1,489 | 522,499 | 40,587 | 3,656 | 44,243 | 566,742 |
| 1987 | 2,269 | 6,296 | 4,285 | 4,306 | 8,200 | 3,864 | 710 | 1,964 | 172,058 | 294,123 | 215,062 | 19,929 | 3,905 | 736,971 | 2,816 | 6,989 | 9,805 | 746,776 |
| 1988 | 1,135 | 1,748 | 901 | 132 | 2,175 | 4,847 | 0 | 757 | 169,093 | 180,803 | 99,981 | 29,969 | 285 | 491,826 | 8,126 | 618 | 8,744 | 500,570 |

Table C.4. Ex-vessel value ($) of each speciesd, except shrimp, landed commercially from Gulf of Mexico grid zone 18.0 during 1977-1988. Data based on MMPR.

| | Finfish | | | | | | | | | | | | | | Shellfish | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | Unclassified | | | | | | |
| Year | Black drum | Flounder | Atlantic croaker | Gafftopsail catfish | Sheepshead | Kingfish | Mullet | Cobia | Grouper | Snapper | Other | Food | Scrap | Total | Blue crab | Other | Total | Grand total |
| 1977 | 6,144 | 28,295 | 515 | 1,727 | 4,441 | 3,021 | 120 | 3,485 | 1,909 | 85,618 | 79,622 | 10,640 | 4,464 | 230,001 | 2,199 | 2,222 | 4,421 | 234,422 |
| 1978 | 1,097 | 18,078 | 1,060 | 380 | 1,412 | 2,121 | 536 | 3,380 | 4,370 | 94,228 | 30,042 | 4,720 | 3,639 | 165,063 | 92 | 3,190 | 3,282 | 168,345 |
| 1979 | 5,222 | 13,949 | 626 | 79 | 3,083 | 897 | 444 | 2,362 | 2,840 | 74,384 | 80,184 | 7,984 | 7,474 | 199,528 | 146 | 179 | 325 | 199,853 |
| 1980 | 1,630 | 24,689 | 3 | 129 | 1,057 | 1,752 | 163 | 880 | 5,507 | 78,035 | 47,018 | 4,373 | 615 | 165,851 | 118 | 0 | 118 | 165,969 |
| 1981 | 1,044 | 11,550 | 0 | 1,976 | 1,325 | 2,364 | 1,252 | 4,357 | 2,537 | 27,916 | 10,153 | 280 | 221 | 64,975 | 208 | 0 | 208 | 65,183 |
| 1982 | 1,906 | 48,195 | 0 | 475 | 4,290 | 4,115 | 486 | 9,065 | 5,369 | 168,969 | 70 | 3,152 | 0 | 246,092 | 48 | 558 | 606 | 246,698 |
| 1983 | 886 | 23,660 | 56 | 1,202 | 619 | 2,182 | 3,225 | 4,928 | 4,178 | 144,159 | 45 | 193 | 0 | 185,333 | 7,191 | 502 | 7,693 | 193,026 |
| 1984 | 1,100 | 22,020 | 539 | 983 | 1,700 | 2,480 | 1,183 | 3,384 | 4,281 | 85,623 | 4,355 | 0 | 0 | 127,648 | 6,618 | 4,773 | 11,391 | 139,039 |
| 1985 | 3,281 | 24,838 | 353 | 3,726 | 1,892 | 4,099 | 5,387 | 643 | 10,606 | 183,405 | 36,460 | 404 | 452 | 275,546 | 5,851 | 3,678 | 9,529 | 285,075 |
| 1986 | 1,144 | 15,165 | 676 | 1,344 | 2,043 | 2,894 | 572 | 4,175 | 38,890 | 567,373 | 189,551 | 673 | 342 | 824,842 | 12,808 | 1,711 | 14,519 | 839,361 |
| 1987 | 694 | 6,036 | 1,459 | 886 | 2,704 | 1,184 | 113 | 1,535 | 231,745 | 560,539 | 461,836 | 5,003 | 762 | 1,274,596 | 938 | 2,793 | 3,731 | 1,278,327 |
| 1988 | 432 | 2,312 | 314 | 41 | 773 | 2,843 | 0 | 580 | 285,693 | 401,668 | 100,748 | 12,446 | 106 | 808,217 | 3,825 | 211 | 4,036 | 812,253 |

Table C.5. Weight (lb) of each species, except shrimp, landed commercially from Gulf of Mexico grid zone 19.0 during 1977-1988. Data based on MMPR.

| | Finfish | | | | | | | | | | | | | | Shellfish | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | Unclassified | | | | | | |
| Year | Black drum | Flounder | Atlantic croaker | Gafftopsail catfish | Sheepshead | Kingfish | Mullet | Cobia | Grouper | Snapper | Other | Food | Scrap | Total | Blue crab | Other | Total | Grand total |
| 1977 | 10,039 | 33,124 | 0 | 3,142 | 1,953 | 1,050 | 239 | 4,142 | 3,538 | 57,780 | 14,341 | 1,860 | 4,164 | 135,372 | 137 | 532 | 669 | 136,041 |
| 1978 | 4,464 | 6,646 | 59 | 211 | 663 | 1,101 | 577 | 3,236 | 10,972 | 69,671 | 4,878 | 657 | 237 | 103,372 | 0 | 50 | 50 | 103,422 |
| 1979 | 8,555 | 1,208 | 0 | 29 | 1,969 | 2,174 | 26,066 | 2,045 | 2,698 | 41,243 | 50,360 | 3,392 | 0 | 139,739 | 0 | 0 | 0 | 139,739 |
| 1980 | 591 | 2,265 | 2,358 | 0 | 1,700 | 187 | 3,330 | 540 | 5,214 | 70,449 | 13,650 | 986 | 10 | 101,280 | 0 | 0 | 0 | 101,280 |
| 1981 | 1,356 | 609 | 0 | 0 | 102 | 2,049 | 0 | 5,414 | 10,848 | 49,586 | 11,803 | 0 | 0 | 81,767 | 0 | 0 | 0 | 81,767 |
| 1982 | 470 | 19,412 | 0 | 0 | 848 | 2,879 | 0 | 8,578 | 29,583 | 153,504 | 3,289 | 2,889 | 0 | 221,452 | 0 | 0 | 0 | 221,452 |
| 1983 | 3,042 | 25,312 | 764 | 246 | 691 | 1,411 | 72 | 10,200 | 22,320 | 81,760 | 5 | 17,641 | 701 | 164,165 | 2,611 | 2,128 | 4,739 | 168,904 |
| 1984 | 1,204 | 24,865 | 0 | 1,687 | 403 | 3,029 | 420 | 6,374 | 13,258 | 134,083 | 54,133 | 7,396 | 2,086 | 248,938 | 0 | 4,151 | 4,151 | 253,089 |
| 1985 | 2,544 | 17,593 | 0 | 232 | 772 | 2,339 | 0 | 2,861 | 117,476 | 116,553 | 94,337 | 62,537 | 3,224 | 420,468 | 7,216 | 4,725 | 11,941 | 432,409 |
| 1986 | 893 | 4,375 | 0 | 40 | 118 | 534 | 0 | 1,263 | 40,971 | 80,065 | 121,517 | 356 | 230 | 250,362 | 6,000 | 2,816 | 8,816 | 259,178 |
| 1987 | 1,297 | 24,006 | 0 | 0 | 43 | 6,536 | 0 | 4,561 | 14,571 | 44,147 | 26,621 | 683 | 3,664 | 126,129 | 14,409 | 1,767 | 16,176 | 142,305 |
| 1988 | 3,307 | 28,861 | 0 | 139 | 1,035 | 10,070 | 671 | 2,470 | 148,684 | 185,896 | 136,789 | 274 | 675 | 518,871 | 43,563 | 3,250 | 46,813 | 565,684 |

Table C.6. Ex-vessel value ($) of each species, except shrimp, landed commercially from Gulf of Mexico grid zone 19.0 during 1977-1988. Data based on MMPR.

| | Finfish | | | | | | | | | | | | | | Shellfish | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | Unclassified | | | | | | |
| Year | Black drum | Flounder | Atlantic croaker | Gafftopsail catfish | Sheepshead | Kingfish | Mullet | Cobia | Grouper | Snapper | Other | Food | Scrap | Total | Blue crab | Other | Total | Grand total |
| 1977 | 1,952 | 16,543 | 0 | 2,546 | 341 | 109 | 27 | 982 | 1,072 | 39,627 | 8,044 | 361 | 416 | 72,020 | 29 | 113 | 142 | 72,162 |
| 1978 | 1,021 | 3,451 | 6 | 47 | 34 | 165 | 76 | 920 | 2,174 | 63,698 | 3,496 | 169 | 12 | 75,269 | 0 | 13 | 13 | 75,282 |
| 1979 | 2,992 | 658 | 0 | 5 | 289 | 227 | 2,002 | 461 | 745 | 43,733 | 38,959 | 677 | 0 | 90,748 | 0 | 0 | 0 | 90,748 |
| 1980 | 382 | 1,998 | 167 | 0 | 243 | 47 | 500 | 259 | 2,418 | 114,454 | 12,137 | 737 | 2 | 133,344 | 0 | 0 | 0 | 133,344 |
| 1981 | 285 | 563 | 0 | 0 | 34 | 410 | 0 | 2,929 | 5,181 | 74,471 | 15,116 | 0 | 0 | 98,989 | 0 | 0 | 0 | 98,989 |
| 1982 | 94 | 18,460 | 0 | 0 | 186 | 550 | 0 | 4,019 | 17,094 | 271,642 | 3,125 | 1,903 | 0 | 317,073 | 0 | 0 | 0 | 317,073 |
| 1983 | 1,654 | 18,957 | 115 | 86 | 90 | 379 | 18 | 5,268 | 22,795 | 119,931 | 9 | 5,599 | 42 | 174,943 | 639 | 1,009 | 1,648 | 176,591 |
| 1984 | 663 | 17,435 | 0 | 914 | 96 | 488 | 188 | 4,835 | 11,954 | 242,157 | 16,130 | 5,296 | 132 | 300,288 | 0 | 2,854 | 2,854 | 303,142 |
| 1985 | 894 | 13,458 | 0 | 151 | 61 | 601 | 0 | 1,675 | 105,342 | 220,538 | 114,423 | 14,941 | 901 | 472,985 | 1,798 | 4,071 | 5,869 | 478,854 |
| 1986 | 425 | 3,718 | 0 | 12 | 41 | 206 | 0 | 808 | 34,532 | 137,595 | 221,297 | 99 | 25 | 398,758 | 2,050 | 770 | 2,820 | 401,578 |
| 1987 | 708 | 21,504 | 0 | 0 | 12 | 2,106 | 0 | 2,873 | 15,593 | 67,451 | 17,855 | 103 | 550 | 128,755 | 3,606 | 512 | 4,118 | 132,873 |
| 1988 | 4,633 | 25,792 | 0 | 313 | 250 | 3,033 | 187 | 1,800 | 202,143 | 344,290 | 126,076 | 98 | 101 | 708,716 | 12,981 | 860 | 13,841 | 722,557 |

Table C.7. Weight (lb) of each species, except shrimp, landed commercially from Gulf of Mexico grid zone 20.0 during 1977-1988. Data based on MMPR.

| | Finfish | | | | | | | | | | | | | | Shellfish | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | Unclassified | | | | | | |
| Year | Black drum | Flounder | Atlantic croaker | Gafftopsail catfish | Sheepshead | Kingfish | Mullet | Cobia | Grouper | Snapper | Other | Food | Scrap | Total | Blue crab | Other | Total | Grand total |
| 1977 | 116 | 298 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 337 | 0 | 0 | 851 | 0 | 0 | 0 | 851 |
| 1978 | 0 | 0 | 0 | 0 | 0 | 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 | 0 | 0 | 0 | 0 | 0 |
| 1980 | 0 | 0 | 0 | 0 | 0 | 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 | 0 | 0 | 0 | 0 | 0 |
| 1982 | 1,136 | 403 | 0 | 0 | 616 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,155 | 0 | 0 | 0 | 2,155 |
| 1983 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1984 | 4,603 | 13,843 | 0 | 262 | 2,577 | 1,591 | 0 | 745 | 5,680 | 76,541 | 3,073 | 0 | 0 | 108,915 | 0 | 1,450 | 1,450 | 110,365 |
| 1985 | 1,510 | 7,738 | 277 | 815 | 16,764 | 2,282 | 3,000 | 2,091 | 77,469 | 157,944 | 40,356 | 53 | 5 | 310,304 | 0 | 3,409 | 3,409 | 313,713 |
| 1986 | 7,818 | 21,322 | 0 | 3,338 | 7,817 | 253 | 0 | 3,305 | 89,844 | 218,273 | 169,507 | 71 | 0 | 521,548 | 0 | 2,206 | 2,206 | 523,754 |
| 1987 | 24,882 | 6,378 | 0 | 2,974 | 7,611 | 2,059 | 0 | 849 | 41,108 | 160,789 | 46,404 | 16 | 0 | 293,070 | 320 | 1,999 | 2,319 | 295,389 |
| 1988 | 33,071 | 14,234 | 0 | 168 | 5,092 | 524 | 531 | 2,802 | 80,713 | 109,753 | 181,843 | 1,152 | 0 | 429,883 | 500 | 5,473 | 5,973 | 435,856 |

Table C.8. Ex-vessel value ($) of each species, except shrimp, landed commercially from Gulf of Mexico grid zone 20.0 during 1977-1988. Data based on MMPR.

| | Finfish | | | | | | | | | | | | | | Shellfish | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | Unclassified | | | | | | |
| Year | Black drum | Flounder | Atlantic croaker | Gafftopsail catfish | Sheepshead | Kingfish | Mullet | Cobia | Grouper | Snapper | Other | Food | Scrap | Total | Blue crab | Other | Total | Grand total |
| 1977 | 35 | 149 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 173 | 0 | 0 | 362 | 0 | 0 | 0 | 362 |
| 1978 | 0 | 0 | 0 | 0 | 0 | 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 | 0 | 0 | 0 | 0 | 0 |
| 1980 | 0 | 0 | 0 | 0 | 0 | 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 | 0 | 0 | 0 | 0 | 0 |
| 1982 | 682 | 383 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,170 | 0 | 0 | 0 | 2,235 | 0 | 0 | 0 | 2,235 |
| 1983 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1984 | 1,367 | 10,451 | 0 | 69 | 516 | 268 | 0 | 500 | 4,959 | 143,496 | 2,644 | 0 | 0 | 164,270 | 0 | 1,352 | 1,352 | 165,622 |
| 1985 | 1,315 | 5,879 | 56 | 293 | 2,762 | 273 | 300 | 1,642 | 55,950 | 314,561 | 43,012 | 53 | 1 | 426,097 | 0 | 1,507 | 1,507 | 427,604 |
| 1986 | 5,001 | 18,368 | 0 | 1,034 | 2,524 | 91 | 0 | 2,350 | 71,021 | 438,102 | 116,944 | 52 | 0 | 655,487 | 0 | 963 | 963 | 656,450 |
| 1987 | 10,320 | 5,448 | 0 | 744 | 2,514 | 741 | 0 | 766 | 44,745 | 329,892 | 38,443 | 14 | 0 | 433,627 | 80 | 734 | 814 | 434,441 |
| 1988 | 31,701 | 12,856 | 0 | 40 | 2,001 | 183 | 53 | 2,460 | 92,685 | 184,981 | 157,465 | 827 | 0 | 484,996 | 230 | 2,860 | 3,346 | 488,342 |

Table C.9. Weight (lb) of each species, except shrimp, landed commercially from Gulf of Mexico grid zone 21.0 during 1977-1988. Data based on MMPR.

| | Finfish | | | | | | | | | | | | | | Shellfish | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | Unclassified | | | | | | |
| Year | Black drum | Flounder | Atlantic croaker | Gafftopsail catfish | Sheepshead | Kingfish | Mullet | Cobia | Grouper | Snapper | Other | Food | Scrap | Total | Blue crab | Other | Total | Grand total |
| 1977 | 17,966 | 9,091 | 163 | 36 | 5,909 | 412 | 0 | 1,775 | 9,673 | 248,811 | 3,245 | 16,379 | 0 | 313,460 | 0 | 179 | 179 | 313,639 |
| 1978 | 3,326 | 2,856 | 4,721 | 25,144 | 1,129 | 438 | 26,351 | 339 | 11,467 | 216,627 | 393 | 7,470 | 0 | 300,261 | 0 | 0 | 0 | 300,261 |
| 1979 | 3,659 | 2,651 | 0 | 0 | 2,935 | 170 | 0 | 0 | 4,582 | 108,134 | 1,205 | 1,766 | 341 | 125,443 | 0 | 0 | 0 | 125,443 |
| 1980 | 3,357 | 4,134 | 0 | 0 | 64 | 33 | 0 | 0 | 3,335 | 101,584 | 556 | 279 | 0 | 113,342 | 0 | 0 | 0 | 113,342 |
| 1981 | 7,972 | 8,590 | 2,350 | 0 | 1,894 | 26 | 0 | 0 | 14,194 | 94,833 | 17,519 | 33,359 | 0 | 180,737 | 0 | 0 | 0 | 180,737 |
| 1982 | 18,158 | 16,070 | 338 | 38 | 722 | 1,069 | 0 | 0 | 24,708 | 117,550 | 0 | 51,941 | 535 | 231,129 | 0 | 1,895 | 1,895 | 233,024 |
| 1983 | 6,563 | 8,339 | 170 | 1,002 | 237 | 229 | 418 | 9 | 5,531 | 76,920 | 6 | 28,852 | 0 | 128,276 | 460 | 1,652 | 2,112 | 130,388 |
| 1984 | 21,717 | 3,240 | 0 | 115 | 627 | 294 | 0 | 41 | 8,130 | 184,674 | 18,260 | 21,754 | 0 | 258,852 | 0 | 1,765 | 1,765 | 260,617 |
| 1985 | 2,408 | 12,070 | 0 | 5,179 | 332 | 884 | 0 | 0 | 26,276 | 267,274 | 44,165 | 814 | 0 | 359,402 | 0 | 2,995 | 2,995 | 362,397 |
| 1986 | 3,007 | 6,617 | 331 | 4,089 | 900 | 2,989 | 207 | 153 | 36,698 | 197,243 | 69,878 | 1,020 | 0 | 323,132 | 6,356 | 703 | 7,059 | 330,191 |
| 1987 | 18,446 | 2,228 | 0 | 0 | 3,937 | 4,177 | 0 | 0 | 112,196 | 138,735 | 54,820 | 0 | 0 | 334,539 | 393 | 802 | 1,195 | 335,734 |
| 1988 | 9,897 | 865 | 0 | 0 | 5,107 | 620 | 0 | 161 | 24,439 | 294,592 | 58,742 | 86 | 0 | 394,509 | 901 | 628 | 1,529 | 396,038 |

Table C.10. Ex-vessel ($) of each species, except shrimp, landed commercially from Gulf of Mexico grid zone 21.0 during 1977-1988. Data based on MMPR.

| | Finfish | | | | | | | | | | | | | | Shellfish | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | Unclassified | | | | | | |
| Year | Black drum | Flounder | Atlantic croaker | Gafftopsail catfish | Sheepshead | Kingfish | Mullet | Cobia | Grouper | Snapper | Other | Food | Scrap | Total | Blue crab | Other | Total | Grand total |
| 1977 | 2,270 | 2,647 | 24 | 7 | 430 | 59 | 0 | 197 | 2,014 | 262,676 | 1,054 | 1,753 | 0 | 273,131 | 0 | 37 | 37 | 273,168 |
| 1978 | 596 | 1,262 | 472 | 12,227 | 169 | 43 | 1,917 | 119 | 3,217 | 243,850 | 487 | 829 | 0 | 265,188 | 0 | 0 | 0 | 265,188 |
| 1979 | 549 | 1,245 | 0 | 0 | 294 | 9 | 0 | 0 | 3,111 | 139,154 | 2,049 | 690 | 34 | 147,135 | 0 | 0 | 0 | 147,135 |
| 1980 | 1,018 | 2,260 | 0 | 0 | 10 | 15 | 0 | 0 | 1,549 | 157,616 | 454 | 42 | 0 | 162,964 | 0 | 0 | 0 | 162,964 |
| 1981 | 3,207 | 6,911 | 470 | 0 | 189 | 5 | 0 | 0 | 6,471 | 164,486 | 24,585 | 6,929 | 0 | 213,253 | 0 | 0 | 0 | 213,253 |
| 1982 | 6,289 | 13,173 | 54 | 8 | 143 | 117 | 0 | 0 | 20,257 | 227,404 | 0 | 12,543 | 72 | 280,060 | 0 | 390 | 390 | 280,450 |
| 1983 | 3,039 | 6,377 | 32 | 601 | 39 | 58 | 60 | 9 | 4,869 | 110,355 | 10 | 6,547 | 0 | 131,996 | 245 | 410 | 655 | 132,651 |
| 1984 | 6,112 | 2,421 | 0 | 35 | 103 | 29 | 0 | 29 | 5,939 | 335,990 | 9,285 | 6,208 | 0 | 366,151 | 0 | 522 | 522 | 366,673 |
| 1985 | 693 | 11,411 | 0 | 3,624 | 53 | 343 | 0 | 0 | 19,723 | 490,793 | 18,327 | 2,829 | 0 | 547,796 | 0 | 622 | 622 | 548,418 |
| 1986 | 1,135 | 5,355 | 83 | 2,870 | 142 | 1,444 | 315 | 134 | 35,537 | 358,484 | 51,685 | 984 | 0 | 458,168 | 2,161 | 247 | 2,408 | 460,576 |
| 1987 | 17,836 | 2,122 | 0 | 0 | 1,269 | 2,316 | 0 | 0 | 152,767 | 236,590 | 60,417 | 0 | 0 | 473,317 | 134 | 661 | 795 | 474,112 |
| 1988 | 7,176 | 1,014 | 0 | 0 | 1,040 | 186 | 0 | 155 | 21,295 | 561,809 | 90,041 | 51 | 0 | 682,767 | 938 | 241 | 1,179 | 683,946 |

Appendix D. Monthly commercial finfish and shellfish landings (lb) and ex-vessel value ($) from Texas bay systems during 1988.

Table D.1. Weight (lb) of each species landed commercially from the Sabine Lake system during 1988. Data based on MMPR and NMFS.

| Species | January | February | March | April | May | June | July | August | September | October | November | December | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **FINFISH** | | | | | | | | | | | | | |
| Alligator gar | 1,800 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,800 |
| Atlantic croaker | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0 | 50 |
| Black drum | 0 | 82 | 0 | 0 | 0 | 0 | 50 | 0 | 0 | 0 | 0 | 0 | 132 |
| Flounder, unclassified | 0 | 0 | 0 | 0 | 0 | 100 | 110 | 848 | 124 | 0 | 204 | 290 | 1,676 |
| Gafftopsail catfish | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 80 | 0 | 0 | 80 |
| Kingfish, unclassified | 25 | 0 | 0 | 0 | 0 | 50 | 0 | 0 | 0 | 50 | 0 | 0 | 125 |
| Seatrout, sand | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sheepshead | 15 | 279 | 350 | 600 | 350 | 300 | 90 | 425 | 0 | 0 | 0 | 15 | 2,424 |
| Unclassified food | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Unclassified scrap | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total finfish | 1,840 | 361 | 350 | 600 | 350 | 450 | 250 | 1273 | 124 | 180 | 204 | 305 | 6,287 |
| **SHELLFISH** | | | | | | | | | | | | | |
| Shrimp (heads on) | | | | | | | | | | | | | |
| Brown and pink | 0 | 0 | 0 | 0 | 2,044 | 5,755 | 5,302 | 0 | 0 | 0 | 0 | 0 | 13,101 |
| White | 0 | 0 | 0 | 0 | 22 | 0 | 2,390 | 88,901 | 70,111 | 105,566 | 81,227 | 0 | 348,217 |
| Other | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 624 | 52 | 0 | 676 |
| Total Shrimp | 0 | 0 | 0 | 0 | 2,066 | 5,755 | 7,692 | 88,901 | 70,111 | 106,190 | 81,279 | 0 | 361,994 |
| Blue crab | 194 | 672 | 0 | 2,017 | 5,955 | 4,098 | 3,578 | 99,898 | 100,250 | 83,107 | 81,675 | 61,727 | 443,171 |
| Squid, unclassified | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 65 | 65 |
| Stone crab | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total shellfish | 194 | 672 | 0 | 2,017 | 8,021 | 9,853 | 11,270 | 188,799 | 170,361 | 189,297 | 162,954 | 61,792 | 805,230 |
| Grand Total | 2,034 | 1,033 | 350 | 2,617 | 8,371 | 10,303 | 11,520 | 190,072 | 170,485 | 189,477 | 163,158 | 62,097 | 811,517 |

Table D.2. Ex-vessel value ($) of each species landed commercially from the Sabine Lake system during 1988. Data based on MMPR and NMFS.

| Species | January | February | March | April | May | June | July | August | September | October | November | December | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FINFISH | | | | | | | | | | | | | |
| Alligator gar | 1,800 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,800 |
| Atlantic croaker | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 0 | 0 | 30 |
| Black drum | 0 | 74 | 0 | 0 | 0 | 0 | 50 | 0 | 0 | 0 | 0 | 0 | 124 |
| Flounder, unclassified | 0 | 0 | 0 | 0 | 0 | 100 | 110 | 724 | 124 | 0 | 175 | 435 | 1,668 |
| Gafftopsail catfish | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 0 | 0 | 20 |
| Kingfish, unclassified | 8 | 0 | 0 | 0 | 0 | 30 | 0 | 0 | 0 | 13 | 0 | 0 | 51 |
| Sheepshead | 4 | 112 | 158 | 240 | 140 | 120 | 44 | 191 | 0 | 0 | 0 | 8 | 1,017 |
| Unclassified food | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Unclassified scrap | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total finfish | 1,812 | 186 | 158 | 240 | 140 | 250 | 204 | 1,321 | 124 | 63 | 175 | 1,003 | 4,710 |
| SHELLFISH | | | | | | | | | | | | | |
| Shrimp (heads on) | | | | | | | | | | | | | |
| Brown and pink | 0 | 0 | 0 | 0 | 1,206 | 3,856 | 3,022 | 0 | 0 | 0 | 0 | 0 | 8,084 |
| White | 0 | 0 | 0 | 0 | 45 | 0 | 1,673 | 67,409 | 57,491 | 90,787 | 62,545 | 0 | 279,950 |
| Other | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 281 | 28 | 0 | 309 |
| Total Shrimp | 0 | 0 | 0 | 0 | 1,251 | 3,856 | 4,695 | 67,409 | 57,491 | 91,068 | 62,573 | 0 | 288,343 |
| Blue crab | 93 | 390 | 0 | 942 | 22,287 | 1,596 | 1,463 | 40,112 | 40,161 | 33,335 | 32,681 | 30,899 | 183,959 |
| Squid, unclassified | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33 | 33 |
| Stone crab | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total shellfish | 93 | 390 | 0 | 942 | 3,538 | 5,452 | 6,158 | 107,521 | 97,652 | 124,403 | 95,254 | 30,932 | 472,335 |
| Grand Total | 1,905 | 576 | 158 | 1,182 | 3,678 | 5,702 | 6,362 | 108,842 | 97,776 | 124,466 | 95,429 | 31,935 | 477,045 |

Table D.3. Weight (lb) of each species landed commercially from the Galveston Bay system during 1988. Data based on MMPR and NMFS.

| Species | January | February | March | April | May | June | July | August | September | October | November | December | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FINFISH | | | | | | | | | | | | | |
| Alligator gar | 1,247 | 141 | 77 | 114 | 174 | 70 | 369 | 0 | 0 | 0 | 0 | 0 | 2,220 |
| Atlantic croaker | 3 | 1 | 4 | 40 | 359 | 1,259 | 629 | 3,293 | 4,483 | 2,827 | 843 | 68 | 13,809 |
| Black drum | 9,790 | 17,619 | 983 | 3,867 | 2,858 | 16,284 | 4,059 | 1,413 | 143 | 655 | 799 | 2,173 | 61,297 |
| Blue fish | 85 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 85 |
| Florida pompano | 0 | 0 | 0 | 0 | 41 | 240 | 84 | 572 | 67 | 0 | 0 | 0 | 1,004 |
| Flounder, unclassified | 589 | 1,317 | 595 | 1,169 | 1,253 | 1,703 | 2,670 | 9,915 | 3,107 | 6,193 | 18,036 | 991 | 47,299 |
| Gafftopsail catfish | 0 | 165 | 0 | 278 | 1,105 | 700 | 832 | 73 | 80 | 0 | 0 | 0 | 3,262 |
| Kingfish, unclassified | 3 | 49 | 75 | 287 | 2 | 20 | 157 | 361 | 0 | 166 | 151 | 183 | 1,486 |
| Mackerel, Spanish | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 105 | 0 | 0 | 105 |
| Mullet, unclassified | 438 | 487 | 13,726 | 271 | 15,091 | 493 | 3,483 | 8,835 | 10,380 | 8,739 | 378 | 382 | 64,553 |
| Seatrout, sand | 16 | 12 | 6 | 17 | 5 | 4 | 10 | 69 | 10 | 0 | 66 | 0 | 215 |
| Shark, unclassified | 0 | 0 | 0 | 0 | 263 | 781 | 1,800 | 349 | 0 | 0 | 0 | 0 | 3,193 |
| Sheepshead | 49,868 | 10,108 | 3,206 | 2,010 | 946 | 368 | 1,484 | 2,487 | 289 | 2,033 | 938 | 101 | 73,893 |
| Southern kingfish | 0 | 0 | 0 | 0 | 0 | 102 | 0 | 0 | 0 | 0 | 0 | 0 | 102 |
| Stingray, unclassified | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Unclassified food | 0 | 0 | 0 | 252 | 924 | 1,239 | 1,606 | 1,398 | 2,746 | 5,211 | 1,377 | 401 | 15,125 |
| Unclassified scrap | 0 | 0 | 161 | 212 | 4,840 | 11,647 | 3,714 | 18,478 | 134,290 | 31,227 | 1,498 | 215 | 206,282 |
| Total finfish | 62,039 | 29,899 | 18,833 | 8,517 | 27,861 | 34,910 | 21,347 | 46,523 | 155,595 | 57,156 | 24,086 | 4,514 | 493,980 |
| SHELLFISH | | | | | | | | | | | | | |
| Shrimp (heads on) | | | | | | | | | | | | | |
| Brown and pink | 0 | 0 | 0 | 718 | 659,685 | 1,583,169 | 665,084 | 532,794 | 113 | 12,608 | 0 | 0 | 3,454,171 |
| White | 3,657 | 18 | 0 | 19,700 | 55,620 | 31,567 | 1,363 | 445,241 | 1,161,361 | 822,052 | 428,098 | 116,604 | 3,085,281 |
| Other | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,284 | 1,605 | 2,889 |
| Total Shrimp | 3,657 | 18 | 0 | 20,418 | 715,305 | 1,614,736 | 666,447 | 978,035 | 1,161,587 | 834,660 | 429,382 | 118,209 | 6,542,341 |
| Blue crab | 29,715 | 75,413 | 62,719 | 159,790 | 457,286 | 427,365 | 478,323 | 392,169 | 159,027 | 405,632 | 394,888 | 74,701 | 3,118,874 |
| Oyster, Eastern | 250,956 | 130,295 | 152,361 | 83,007 | 10,151 | 126,211 | 98,159 | 29,050 | 3,238 | 86,188 | 337,545 | 145,204 | 1,452,365 |
| Squid, unclassified | 0 | 0 | 0 | 342 | 1,586 | 753 | 3,125 | 7,665 | 3,671 | 3,590 | 2,983 | 85 | 23,800 |
| Stone crab | 0 | 272 | 590 | 991 | 749 | 1,167 | 838 | 426 | 807 | 3,367 | 22,823 | 363 | 32,393 |
| Total shellfish | 284,328 | 205,998 | 215,670 | 264,548 | 1,185,077 | 2,170,232 | 1,216,892 | 1,407,345 | 1,328,217 | 1,333,437 | 1,187,621 | 338,562 | 11,169,773 |
| Grand Total | 346,367 | 236,743 | 234,503 | 273,065 | 1,212,938 | 2,205,142 | 1,268,239 | 1,453,868 | 1,483,812 | 1,390,593 | 1,211,707 | 343,076 | 11,663,753 |

Table D.4. Ex-vessel value ($) of each species landed commercially from the Galveston Bay system during 1988. Data based on MMPR and NMFS.

| Species | January | February | March | April | May | June | July | August | September | October | November | December | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FINFISH | | | | | | | | | | | | | |
| Alligator gar | 1,097 | 124 | 68 | 109 | 153 | 67 | 354 | 0 | 0 | 0 | 0 | 0 | 2,040 |
| Atlantic croaker | 3 | 0 | 1 | 14 | 91 | 330 | 214 | 955 | 818 | 636 | 227 | 18 | 3,307 |
| Black drum | 6,892 | 16,619 | 737 | 1,904 | 2,696 | 16,116 | 5,109 | 1,799 | 131 | 518 | 671 | 2,237 | 55,643 |
| Blue fish | 118 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 118 |
| Florida pompano | 0 | 0 | 0 | 0 | 21 | 143 | 42 | 286 | 33 | 0 | 0 | 0 | 525 |
| Flounder, unclassified | 704 | 1,449 | 629 | 1,170 | 1,357 | 2,364 | 4,052 | 15,271 | 3,434 | 5,431 | 17,935 | 1,045 | 55,457 |
| Gafftopsail catfish | 0 | 83 | 0 | 65 | 590 | 128 | 146 | 14 | 12 | 0 | 0 | 0 | 1,038 |
| Kingfish, unclassified | 1 | 15 | 23 | 80 | 1 | 6 | 45 | 126 | 10 | 46 | 42 | 86 | 481 |
| Mackerel, Spanish | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 0 | 0 | 31 |
| Mullet, unclassified | 116 | 124 | 1,420 | 43 | 1,829 | 118 | 674 | 1,937 | 2,173 | 1,779 | 139 | 245 | 10,690 |
| Seatrout, sand | 4 | 3 | 2 | 4 | 4 | 1 | 3 | 23 | 3 | 0 | 17 | 0 | 64 |
| Shark, unclassified | 0 | 0 | 0 | 0 | 82 | 242 | 558 | 105 | 0 | 0 | 0 | 0 | 987 |
| Sheepshead | 10,491 | 2,767 | 1,009 | 692 | 281 | 105 | 609 | 896 | 73 | 547 | 271 | 38 | 17,798 |
| Southern Kingfish | 0 | 0 | 0 | 0 | 0 | 64 | 0 | 0 | 0 | 0 | 0 | 0 | 64 |
| Stingray, unclassified | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Unclassified food | 0 | 0 | 0126 | 322 | 253 | 464 | 383 | 680 | 1,260 | 400 | 115 | | 4,003 |
| Unclassified scrap | 0 | 0 | 72 | 95 | 579 | 1,267 | 1,157 | 2,132 | 65,003 | 3,290 | 277 | 22 | 73,894 |
| Total finfish | 19,426 | 21,184 | 3,961 | 4,302 | 8,270 | 21,204 | 14,109 | 24,067 | 72,370 | 13,833 | 20,288 | 3,806 | 226,140 |
| SHELLFISH | | | | | | | | | | | | | |
| Shrimp (heads on) | | | | | | | | | | | | | |
| Brown and pink | 0 | 0 | 0 | 1,142 | 443,410 | 1,653,578 | 862,746 | 860,711 | 139 | 15,618 | 0 | 0 | 3,837,344 |
| White | 2,596 | 15 | 0 | 35,271 | 128,723 | 95,293 | 2,710 | 530,843 | 1,697,605 | 1,095,825 | 465,922 | 131,101 | 4,185,904 |
| Other | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 514 | 964 | 1,478 |
| Total Shrimp | 2,596 | 15 | 0 | 36,413 | 572,133 | 1,748,865 | 865,456 | 1,391,554 | 1,697,744 | 1,111,443 | 466,436 | 132,065 | 8,024,726 |
| Blue crab | 18,270 | 43,562 | 31,468 | 81,317 | 252,098 | 198,004 | 224,714 | 181,339 | 64,740 | 188,701 | 194,698 | 37,501 | 1,517,520 |
| Oyster, Eastern | 672,858 | 352,707 | 352,418 | 224,395 | 26,544 | 349,317 | 276,525 | 75,996 | 9,264 | 234,071 | 947,581 | 400,118 | 3,921,794 |
| Squid, unclassified | 0 | 0 | 0 | 140 | 624 | 291 | 1,288 | 3,172 | 1,985 | 1,409 | 1,310 | 34 | 10,253 |
| Stone crab | 0 | 227 | 493 | 475 | 289 | 1,226 | 435 | 345 | 574 | 1,453 | 9,180 | 156 | 14,853 |
| Total shellfish | 693,724 | 396,511 | 384,379 | 342,740 | 851,688 | 2,297,709 | 1,368,418 | 1,652,406 | 1,774,307 | 1,537,077 | 1,619,205 | 569,874 | 13,489,146 |
| Grand Total | 713,150 | 417,695 | 388,340 | 347,042 | 859,958 | 2,319,013 | 1,382,527 | 1,676,473 | 1,846,677 | 1,550,910 | 1,639,493 | 575,544 | 13,715,286 |

Table D.5. Weight (lb) of each species landed commercially from the Matagorda Bay system during 1988. Data based on MMPR and NMFS.

| Species | January | February | March | April | May | June | July | August | September | October | November | December | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **FINFISH** | | | | | | | | | | | | | |
| Alligator gar | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| Black drum | 0 | 0 | 1,257 | 0 | 543 | 197 | 237 | 0 | 15 | 0 | 0 | 0 | 2,249 |
| Flounder, unclassified | 206 | 0 | 0 | 132 | 135 | 656 | 217 | 28 | 246 | 855 | 315 | 0 | 2,790 |
| Gafftopsail catfish | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 63 | 0 | 12 | 110 |
| Kingfish, unclassified | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 0 | 0 | 25 |
| Mullet, unclassified | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sheepshead | 0 | 0 | 0 | 0 | 73 | 27 | 37 | 0 | 254 | 25 | 5 | 0 | 421 |
| Unclassified scrap | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total finfish** | 206 | 0 | 1,257 | 132 | 751 | 883 | 491 | 28 | 550 | 968 | 320 | 12 | 5,598 |
| **SHELLFISH** | | | | | | | | | | | | | |
| Shrimp (heads on) | | | | | | | | | | | | | |
| Brown and pink | 3,921 | 673 | 1,157 | 16,949 | 683,587 | 1,173,330 | 453,746 | 26,475 | 0 | 53,294 | 23,158 | 16,068 | 2,452,358 |
| White | 0 | 0 | 0 | 4,346 | 92,090 | 5,123 | 1,024 | 332,594 | 504,910 | 745,777 | 163,078 | 12,875 | 1,861,817 |
| Other | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total Shrimp** | 3,921 | 673 | 1,157 | 21,295 | 775,677 | 1,178,453 | 454,770 | 359,069 | 504,910 | 799,071 | 186,236 | 28,943 | 4,314,175 |
| Blue crab | 16,620 | 35,925 | 18,701 | 39,581 | 71,662 | 80,486 | 178,691 | 4,235 | 45,339 | 57,354 | 14,554 | 177,537 | 740,685 |
| Oyster, Eastern | 101,030 | 65,329 | 24,065 | 44,241 | 0 | 0 | 0 | 0 | 0 | 0 | 83,512 | 202,880 | 521,057 |
| Squid, unclassified | 77 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 77 |
| Stone crab | 0 | 0 | 312 | 6,684 | 843 | 12 | 16 | 944 | 0 | 0 | 12 | 0 | 8,823 |
| **Total shellfish** | 121,648 | 101,927 | 44,235 | 111,801 | 848,182 | 1,258,951 | 633,477 | 364,248 | 550,249 | 856,425 | 284,314 | 409,360 | 5,584,817 |
| **Grand Total** | 121,854 | 101,927 | 45,492 | 111,933 | 848,933 | 1,259,834 | 633,968 | 364,276 | 550,799 | 857,393 | 284,634 | 409,372 | 5,590,415 |

[a]NMFS reports East Matagorda Bay system shrimp landings as combined with Matagorda Bay system shrimp landings.

Table D.6. Ex-vessel value ($) of each species landed commercially from the Matagorda Bay system during 1988. Data based on MMPR and NMFS.

| Species | January | February | March | April | May | June | July | August | September | October | November | December | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **FINFISH** | | | | | | | | | | | | | |
| Alligator gar | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| Black drum | 0 | 0 | 880 | 0 | 462 | 167 | 201 | 0 | 12 | 0 | 0 | 0 | 1,722 |
| Flounder, unclassified | 165 | 0 | 0 | 211 | 236 | 774 | 254 | 35 | 246 | 1,060 | 483 | 0 | 3,464 |
| Gafftopsail catfish | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 79 | 0 | 10 | 96 |
| Kingfish, unclassified | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 0 | 0 | 13 |
| Mullet, unclassified | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sheepshead | 0 | 0 | 0 | 37 | 14 | 19 | 1,575 | 127 | 7 | 4 | 0 | 0 | 208 |
| Unclassified scrap | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total finfish** | 165 | 0 | 880 | 211 | 735 | 960 | 474 | 1,610 | 392 | 1,159 | 487 | 10 | 5,508 |
| **SHELLFISH** | | | | | | | | | | | | | |
| Shrimp (heads on)[a] | | | | | | | | | | | | | |
| Brown and pink | 11,057 | 929 | 1,550 | 24,482 | 603,982 | 1,005,793 | 417,732 | 17,225 | 0 | 36,186 | 26,641 | 20,049 | 2,165,626 |
| White | 0 | 0 | 0 | 7,823 | 108,666 | 14,652 | 2,939 | 493,520 | 791,971 | 1,358,648 | 228,388 | 14,719 | 3,021,326 |
| Other | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total Shrimp** | 11,057 | 929 | 1,550 | 32,305 | 712,648 | 1,020,445 | 420,671 | 510,745 | 791,971 | 1,394,834 | 255,029 | 34,768 | 5,186,952 |
| Blue crab | 5,817 | 12,933 | 7,063 | 16,043 | 27,820 | 30,586 | 62,573 | 1,482 | 15,455 | 20,079 | 5,833 | 71,038 | 276,722 |
| Oyster, Eastern | 181,030 | 110,206 | 48,842 | 81,229 | 0 | 0 | 0 | 0 | 0 | 0 | 179,514 | 422,447 | 1,023,268 |
| Squid, unclassified | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 |
| Stone crab | 0 | 0 | 150 | 3,342 | 1,677 | 6 | 6 | 415 | 0 | 0 | 6 | 0 | 5,602 |
| **Total shellfish** | 197,919 | 124,068 | 57,605 | 132,919 | 742,145 | 1,051,037 | 483,250 | 512,642 | 807,426 | 1,414,913 | 440,382 | 528,253 | 6,492,559 |
| **Grand Total** | 198,084 | 124,068 | 58,485 | 133,130 | 742,880 | 1,051,997 | 483,506 | 514,470 | 807,818 | 1,416,072 | 440,869 | 528,263 | 6,498,067 |

[a]NMFS reports East Matagorda Bay system shrimp landings as combined with Matagorda Bay system shrimp landings.

Table D.7. Weight (lb) of each species landed commercially from the East Matagorda Bay system during 1988. Data based on MMPR and NMFS.

| Species | January | February | March | April | May | June | July | August | September | October | November | December | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **FINFISH** | | | | | | | | | | | | | |
| Black drum | 0 | 0 | 132 | 478 | 0 | 0 | 0 | 120 | 12 | 0 | 0 | 0 | 742 |
| Flounder, unclassified | 0 | 0 | 63 | 193 | 0 | 0 | 0 | 390 | 132 | 0 | 0 | 0 | 778 |
| Gafftopsail catfish | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kingfish, unclassified | 0 | 0 | 0 | 451 | 0 | 0 | 0 | 37 | 23 | 0 | 0 | 0 | 511 |
| Sheepshead | 0 | 0 | 37 | 113 | 0 | 0 | 0 | 47 | 0 | 0 | 0 | 0 | 197 |
| **Total finfish** | 0 | 0 | 232 | 1,235 | 0 | 0 | 0 | 594 | 167 | 0 | 0 | 0 | 2,228 |
| **SHELLFISH**[a] | | | | | | | | | | | | | |
| Blue crab | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 131 | 96 | 0 | 0 | 0 | 227 |
| Oyster, Eastern | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 893 | 893 |
| Squid, unclassifed | 0 | 0 | 0 | 178 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 183 |
| Stone crab | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 36 | 16 | 0 | 0 | 0 | 52 |
| **Total shellfish** | 0 | 0 | 0 | 178 | 0 | 0 | 0 | 172 | 112 | 0 | 0 | 893 | 1,355 |
| **Grand Total** | 0 | 0 | 232 | 1,413 | 0 | 0 | 0 | 766 | 279 | 0 | 0 | 893 | 3,583 |

[a]NMFS reports East Matagorda Bay system shrimp landings as combined with Matagorda Bay system shrimp landings.

Table D.8. Ex-vessel value ($) of each species landed commercially from the East Matagorda Bay system during 1988. Data based on MMPR and NMFS.

| Species | January | February | March | April | May | June | July | August | September | October | November | December | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **FINFISH** | | | | | | | | | | | | | |
| Black drum | 0 | 0 | 132 | 406 | 0 | 0 | 0 | 102 | 10 | 0 | 0 | 0 | 650 |
| Flounder, unclassified | 0 | 0 | 110 | 338 | 0 | 0 | 0 | 683 | 231 | 0 | 0 | 0 | 1,362 |
| Gafftopsail catfish | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kingfish, unclassified | 0 | 0 | 0 | 135 | 0 | 0 | 0 | 19 | 12 | 0 | 0 | 0 | 166 |
| Sheepshead | 0 | 0 | 19 | 57 | 0 | 0 | 0 | 24 | 0 | 0 | 0 | 0 | 100 |
| **Total finfish** | 0 | 0 | 261 | 936 | 0 | 0 | 0 | 828 | 253 | 0 | 0 | 0 | 2,278 |
| **SHELLFISH**[a] | | | | | | | | | | | | | |
| Blue crab | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 66 | 48 | 0 | 0 | 0 | 114 |
| Oyster, Eastern | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,836 | 1,836 |
| Squid, unclassified | 0 | 0 | 0 | 45 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 55 |
| Stone crab | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 8 | 0 | 0 | 0 | 26 |
| **Total shellfish** | 0 | 0 | 0 | 45 | 0 | 0 | 0 | 94 | 56 | 0 | 0 | 1,836 | 2,031 |
| Grand Total | 0 | 0 | 261 | 981 | 0 | 0 | 0 | 922 | 309 | 0 | 0 | 1,836 | 4,309 |

[a]NMFS reports East Matagorda Bay system shrimp landings as combined with Matagorda Bay system shrimp landings.

Table D.9. Weight (lb) of each species landed commercially from the San Antonio Bay system during 1988. Data based on MMPR and NMFS.

| Species | January | February | March | April | May | June | July | August | September | October | November | December | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **FINFISH** | | | | | | | | | | | | | |
| Alligator gar | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Black drum | 143 | 495 | 603 | 508 | 147 | 208 | 482 | 1,238 | 55 | 95 | 35 | 387 | 4,396 |
| Florida pompano | 0 | 0 | 0 | 0 | 402 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 402 |
| Flounder, unclassified | 63 | 396 | 396 | 1,315 | 1,564 | 2,565 | 4,308 | 4,669 | 4,119 | 4,967 | 6,226 | 607 | 31,195 |
| Gafftopsail catfish | 0 | 0 | 8 | 348 | 202 | 4 | 210 | 488 | 94 | 0 | 0 | 0 | 1,354 |
| Mullet, unclassified | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Seatrout, sand | 8 | 101 | 58 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 74 | 248 |
| Shark, unclassified | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 64 | 0 | 0 | 252 | 0 | 316 |
| Sheepshead | 0 | 41 | 82 | 93 | 83 | 286 | 306 | 305 | 335 | 360 | 90 | 112 | 2,093 |
| Unclassified food | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 385 | 0 | 0 | 0 | 0 | 385 |
| Total finfish | 214 | 1,033 | 1,147 | 2,271 | 2,398 | 3,063 | 5,306 | 7,149 | 4,603 | 5,422 | 6,603 | 1,180 | 40,389 |
| **SHELLFISH** | | | | | | | | | | | | | |
| Shrimp (heads on) | | | | | | | | | | | | | |
| Brown and pink | 237 | 0 | 0 | 38,291 | 1,081,826 | 544,091 | 200,441 | 57,348 | 7,596 | 10,418 | 43,667 | 5,856 | 1,989,771 |
| White | 0 | 0 | 0 | 0 | 0 | 174 | 210 | 256,337 | 126,338 | 174,855 | 54,943 | 3,453 | 616,310 |
| Total Shrimp | 237 | 0 | 0 | 38,291 | 1,081,826 | 544,265 | 200,651 | 313,685 | 133,934 | 185,273 | 98,610 | 9,309 | 2,606,081 |
| Blue crab | 88,939 | 166,355 | 179,171 | 410,993 | 435,234 | 325,808 | 276,270 | 276,048 | 139,147 | 154,165 | 150,630 | 139,116 | 2,741,866 |
| Mantis shrimp | 0 | 0 | 0 | 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 |
| Oyster, Eastern | 525 | 1,628 | 1,278 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4,026 | 1,470 | 8,927 |
| Squid, unclassified | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 132 | 0 | 132 |
| Stone crab | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total shellfish | 89,691 | 167,983 | 180,449 | 449,306 | 1,517,060 | 870,073 | 476,921 | 589,733 | 273,081 | 339,438 | 253,398 | 149,895 | 5,357,028 |
| Grand Total | 89,905 | 169,016 | 181,596 | 451,577 | 1,519,458 | 873,136 | 482,227 | 596,882 | 277,684 | 344,860 | 260,001 | 151,075 | 5,397,417 |

Table D.10. Ex-vessel value ($) of each species landed commercially from the San Antonio Bay system during 1988. Data based on MMPR and NMFS.

| Species | January | February | March | April | May | June | July | August | September | October | November | December | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FINFISH | | | | | | | | | | | | | |
| Alligator gar | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Black drum | 107 | 371 | 513 | 457 | 138 | 191 | 395 | 1,089 | 52 | 79 | 26 | 310 | 3,728 |
| Florida pompano | 0 | 0 | 0 | 0 | 454 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 454 |
| Flounder, unclassified | 87 | 515 | 503 | 1,725 | 2,033 | 3,072 | 5,475 | 6,152 | 5,553 | 6,257 | 8,067 | 760 | 40,199 |
| Gafftopsail catfish | 0 | 0 | 2 | 125 | 75 | 1 | 67 | 146 | 36 | 0 | 0 | 0 | 452 |
| Mullet, unclassified | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Seatrout, sand | 3 | 43 | 26 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 125 |
| Shark, unclassified | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 0 | 0 | 68 | 0 | 97 |
| Sheepshead | 0 | 14 | 21 | 30 | 33 | 95 | 105 | 102 | 110 | 134 | 0 | 34 | 718 |
| Unclassified food | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 231 | 0 | 0 | 40 | 0 | 231 |
| Total finfish | 197 | 943 | 1,065 | 2,340 | 2,733 | 3,359 | 6,042 | 7,749 | 5,751 | 6,470 | 8,201 | 1,154 | 46,004 |
| SHELLFISH | | | | | | | | | | | | | |
| Shrimp (heads on) | | | | | | | | | | | | | |
| Brown and pink | 313 | 0 | 0 | 42,120 | 762,105 | 497,355 | 254,758 | 63,326 | 8,963 | 13,024 | 50,527 | 5,885 | 1,698,376 |
| White | 0 | 0 | 0 | 0 | 0 | 421 | 949 | 387,453 | 209,347 | 289,239 | 68,458 | 3,798 | 959,665 |
| Total Shrimp | 313 | 0 | 0 | 42,120 | 762,105 | 497,776 | 255,707 | 450,779 | 218,310 | 302,263 | 118,985 | 9,683 | 2,658,041 |
| Blue crab | 34,800 | 71,840 | 71,322 | 149,152 | 160,677 | 114,519 | 102,966 | 106,248 | 53,701 | 55,487 | 68,637 | 67,476 | 1,056,825 |
| Mantis shrimp | 0 | 0 | 0 | 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 |
| Oyster, Eastern | 1,350 | 4,032 | 3,315 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9,537 | 4,074 | 22,308 |
| Squid, unclassified | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33 | 0 | 33 |
| Stone crab | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total shellfish | 36,463 | 75,872 | 74,637 | 191,294 | 922,782 | 612,295 | 358,673 | 557,027 | 272,011 | 357,750 | 197,192 | 81,233 | 3,737,229 |
| Grand Total | 36,660 | 76,815 | 75,702 | 193,634 | 925,515 | 615,654 | 364,715 | 564,776 | 277,762 | 364,220 | 205,393 | 82,387 | 3,783,233 |

Table D.11. Weight (lb) of each species landed commercially from the Aransas Bay system during 1988. Data based on MMPR and NMFS.

| Species | January | February | March | April | May | June | July | August | September | October | November | December | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **FINFISH** | | | | | | | | | | | | | |
| Alligator gar | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Atlantic croaker | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 0 | 0 | 14 |
| Black drum | 2,035 | 17,207 | 1,692 | 2,197 | 2,180 | 1,605 | 1,166 | 181 | 291 | 1,449 | 997 | 1,028 | 37,447 |
| Flounder, unclassified | 249 | 957 | 1,410 | 978 | 1,654 | 2,775 | 3,463 | 2,749 | 1,464 | 5,090 | 3,906 | 3,024 | 7,885 |
| Gafftopsail, catfish | 0 | 1 | 80 | 40 | 0 | 443 | 0 | 1,000 | 0 | 0 | 0 | 0 | 1,564 |
| Kingfish, unclassified | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mullet, unclassified | 1,126 | 0 | 0 | 0 | 0 | 0 | 34 | 0 | 0 | 18 | 0 | 0 | 1,178 |
| Shark, blacktip | 0 | 0 | 0 | 0 | 77 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 77 |
| Shark, unclassified | 0 | 0 | 0 | 115 | 315 | 241 | 170 | 6 | 0 | 0 | 0 | 0 | 847 |
| Sheepshead | 85 | 424 | 887 | 476 | 665 | 218 | 523 | 89 | 17 | 59 | 0 | 0 | 3,917 |
| Unclassified food | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4,322 | 1,277 | 5,599 |
| Unclassified scrap | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,129 | 0 | 0 | 1,129 |
| **Total finfish** | 3,495 | 18,589 | 4,069 | 3,806 | 4,985 | 5,282 | 5,356 | 4,025 | 1,772 | 7,759 | 9,225 | 5,344 | 79,657 |
| **SHELLFISH** | | | | | | | | | | | | | |
| Shrimp (heads on) | | | | | | | | | | | | | |
| Brown and pink | 3,197 | 0 | 4,344 | 37,439 | 1,076,834 | 985,747 | 267,983 | 218,821 | 92,321 | 29,512 | 50,682 | 22,998 | 2,789,878 |
| White | 86 | 0 | 0 | 0 | 0 | 421 | 0 | 100,684 | 290,906 | 407,939 | 243,365 | 7,029 | 1,050,430 |
| **Total shrimp** | 3,283 | 0 | 4,344 | 37,439 | 1,076,834 | 986,168 | 267,983 | 319,505 | 383,227 | 437,451 | 294,047 | 30,027 | 3,840,308 |
| Blue crab | 32,411 | 65,300 | 38,479 | 84,740 | 242,741 | 430,141 | 497,423 | 425,195 | 322,321 | 293,847 | 73,788 | 65,546 | 2,571,932 |
| Oyster, Eastern | 41,303 | 42,964 | 55,196 | 76,073 | 0 | 0 | 0 | 0 | 0 | 0 | 27,686 | 33,163 | 276,385 |
| Squid, unclassified | 0 | 0 | 0 | 42 | 0 | 109 | 102 | 0 | 0 | 0 | 91 | 0 | 344 |
| Stone crab | 0 | 124 | 0 | 158 | 568 | 524 | 1,540 | 18,488 | 6,921 | 1,529 | 128,894 | 16,360 | 175,106 |
| **Total shellfish** | 76,997 | 108,388 | 98,019 | 198,452 | 1,320,143 | 1,416,942 | 767,048 | 763,188 | 712,469 | 732,827 | 524,506 | 145,096 | 6,864,075 |
| **Grand Total** | 80,492 | 126,977 | 102,088 | 202,258 | 1,325,034 | 1,422,224 | 772,404 | 767,213 | 714,241 | 740,586 | 533,731 | 150,425 | 6,943,732 |

Table D.12. Ex-vessel value ($) of each species landed commercially from the Aransas Bay system during 1988. Data based on MMPR and NMFS.

| Species | January | February | March | April | May | June | July | August | September | October | November | December | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FINFISH | | | | | | | | | | | | | |
| Alligator gar | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Atlantic croaker | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 3 |
| Black drum | 2,062 | 8,713 | 1,856 | 2,596 | 1,884 | 1,386 | 1,082 | 217 | 312 | 1,483 | 773 | 817 | 27,516 |
| Flounder, unclassified | 327 | 1,416 | 2,633 | 1,499 | 1,958 | 4,389 | 5,462 | 4,585 | 2,371 | 7,794 | 4,908 | 3,440 | 40,973 |
| Gafftopsail catfish | 0 | 0 | 20 | 10 | 0 | 66 | 0 | 100 | 0 | 0 | 0 | 0 | 196 |
| Kingfish, unclassified | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mullet, unclassified | 169 | 0 | 0 | 0 | 0 | 0 | 17 | 0 | 0 | 7 | 0 | 0 | 193 |
| Shark, blacktip | 0 | 0 | 0 | 0 | 77 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 77 |
| Shark, unclassified | 0 | 0 | 0 | 29 | 160 | 109 | 78 | 4 | 0 | 0 | 0 | 0 | 380 |
| Sheepshead | 21 | 106 | 283 | 261 | 185 | 72 | 157 | 26 | 5 | 18 | 0 | 0 | 1,253 |
| Unclassified food | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,593 | 3,785 | 14,378 |
| Unclassified scrap | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 56 | 0 | 0 | 56 |
| Total finfish | 2,579 | 10,235 | 4,792 | 4,395 | 4,264 | 6,022 | 6,796 | 4,932 | 2,688 | 9,361 | 16,274 | 8,042 | 85,025 |
| SHELLFISH | | | | | | | | | | | | | |
| Shrimp (heads on) | | | | | | | | | | | | | |
| Brown and pink | 4,572 | 0 | 7,211 | 55,035 | 692,514 | 847,644 | 267,265 | 234,154 | 107,092 | 34,234 | 56,359 | 25,926 | 2,332,006 |
| White | 218 | 0 | 0 | 0 | 0 | 1,116 | 0 | 164,064 | 445,086 | 656,782 | 292,427 | 9,338 | 1,569,031 |
| Total Shrimp | 4,790 | 0 | 7,211 | 55,035 | 692,514 | 848,760 | 267,265 | 398,218 | 552,178 | 691,016 | 348,786 | 35,264 | 3,901,037 |
| Blue crab | 13,307 | 25,501 | 14,928 | 33,841 | 91,588 | 165,195 | 172,777 | 149,110 | 115,626 | 112,732 | 37,036 | 32,464 | 964,105 |
| Oyster, Eastern | 99,971 | 104,034 | 134,661 | 186,651 | 0 | 0 | 0 | 0 | 0 | 0 | 70,889 | 80,475 | 676,681 |
| Squid, unclassified | 0 | 0 | 0 | 11 | 0 | 54 | 51 | 0 | 0 | 0 | 91 | 0 | 207 |
| Stone crab | 0 | 78 | 0 | 90 | 358 | 356 | 1,064 | 14,332 | 5,512 | 969 | 54,775 | 11,466 | 89,000 |
| Total shellfish | 118,068 | 129,613 | 156,800 | 275,628 | 784,460 | 1,014,365 | 441,157 | 561,660 | 673,316 | 804,717 | 511,577 | 159,669 | 5,631,030 |
| Grand Total | 120,647 | 139,848 | 161,592 | 280,023 | 788,724 | 1,020,387 | 447,953 | 566,592 | 676,004 | 814,078 | 527,851 | 167,711 | 5,716,055 |

Table D.13. Weight (lb) of each species landed commercially from the Corpus Christi Bay system during 1988. Data based on MMPR and NMFS.

| Species | January | February | March | April | May | June | July | August | September | October | November | December | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FINFISH | | | | | | | | | | | | | |
| Atlantic croaker | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Atlantic cutlassfish | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Black drum | 19,347 | 8,788 | 15,739 | 27,050 | 14,630 | 1,779 | 1,297 | 7,336 | 10,877 | 9,717 | 316 | 12,762 | 132,638 |
| Florida pompano | 0 | 0 | 0 | 0 | 6 | 189 | 0 | 0 | 0 | 0 | 0 | 0 | 195 |
| Flounder, unclassified | 894 | 211 | 275 | 1,644 | 985 | 2,487 | 3,061 | 3,489 | 941 | 4,088 | 5,221 | 9,699 | 32,995 |
| Gafftopsail catfish | 368 | 0 | 215 | 413 | 10 | 459 | 0 | 117 | 28 | 0 | 0 | 0 | 1,610 |
| Shark, unclassified | 0 | 0 | 0 | 0 | 27 | 0 | 0 | 227 | 0 | 0 | 0 | 0 | 254 |
| Sheepshead | 351 | 493 | 48,173 | 6,505 | 1,462 | 247 | 32 | 469 | 300 | 276 | 466 | 738 | 59,512 |
| Unclassified food | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 100 | 121 | 226 |
| Unclassified scrap | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total finfish | 20,960 | 9,492 | 64,402 | 35,612 | 17,125 | 5,161 | 4,390 | 11,638 | 12,146 | 14,081 | 9,103 | 23,320 | 227,430 |
| SHELLFISH | | | | | | | | | | | | | |
| Shrimp (heads on) | | | | | | | | | | | | | |
| Brown and pink | 5,735 | 4,555 | 35,405 | 97,462 | 250,316 | 385,091 | 91,116 | 38,288 | 4,885 | 1,538 | 41,870 | 25,682 | 981,943 |
| White | 21 | 18 | 0 | 0 | 0 | 973 | 634 | 136,621 | 129,316 | 115,183 | 69,900 | 10,713 | 463,379 |
| Total Shrimp | 5,756 | 4,573 | 35,405 | 97,462 | 250,316 | 386,064 | 91,750 | 174,909 | 134,201 | 116,721 | 111,770 | 36,395 | 1,445,322 |
| Blue crab | 43,633 | 4,205 | 0 | 4,499 | 4,221 | 24,763 | 25,137 | 54,266 | 11,826 | 11,419 | 8,020 | 10,785 | 202,774 |
| Mantis Shrimp | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oyster, Eastern | 0 | 0 | 0 | 175 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 175 |
| Squid, unclassified | 0 | 0 | 81 | 8 | 5 | 121 | 0 | 176 | 28 | 78 | 0 | 0 | 497 |
| Stone crab | 232 | 1,686 | 1,024 | 1,332 | 2,060 | 2,512 | 1,336 | 10,800 | 3,560 | 0 | 6,028 | 6,310 | 36,880 |
| Total shellfish | 49,621 | 10,464 | 36,510 | 103,476 | 256,555 | 413,460 | 118,223 | 240,151 | 149,615 | 128,218 | 125,818 | 53,341 | 1,685,648 |
| Grand Total | 70,581 | 19,956 | 100,912 | 139,088 | 273,727 | 418,621 | 122,613 | 251,789 | 161,761 | 142,299 | 134,921 | 76,810 | 1,913,078 |

Table D.14. Ex-vessel value ($) of each species landed commercially from the Corpus Christi Bay system during 1988. Data based on MMPR and NMFS.

| Species | January | February | March | April | May | June | July | August | September | October | November | December | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FINFISH | | | | | | | | | | | | | |
| Atlantic croaker | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Atlantic cutlassfish | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Black drum | 13,560 | 6,930 | 12,054 | 23,654 | 13,273 | 1,560 | 1,592 | 7,671 | 11,199 | 9,192 | 3,094 | 11,348 | 115,127 |
| Florida pompano | 0 | 0 | 0 | 0 | 5 | 170 | 0 | 0 | 0 | 0 | 0 | 0 | 175 |
| Flounder, unclassified | 984 | 239 | 366 | 2,170 | 1,261 | 3,499 | 4,203 | 4,502 | 1,297 | 5,077 | 6,353 | 10,602 | 40,553 |
| Gafftopsail catfish | 423 | 0 | 59 | 101 | 4 | 96 | 0 | 94 | 6 | 0 | 0 | 0 | 783 |
| Shark, unclassified | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 136 | 0 | 0 | 0 | 0 | 145 |
| Sheepshead | 91 | 159 | 13,471 | 2,015 | 565 | 72 | 10 | 154 | 101 | 91 | 557 | 281 | 17,567 |
| Unclassified food | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 126 | 137 | 267 |
| Unclassified scrap | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total finfish | 15,058 | 7,328 | 25,950 | 27,940 | 15,121 | 5,397 | 5,805 | 12,557 | 12,603 | 14,360 | 10,130 | 22,368 | 174,617 |
| SHELLFISH | | | | | | | | | | | | | |
| Shrimp (heads on) | | | | | | | | | | | | | |
| Brown and pink | 7,644 | 6,821 | 61,205 | 134,386 | 204,103 | 379,153 | 93,269 | 46,347 | 5,203 | 1,742 | 56,093 | 29,874 | 1,025,840 |
| White | 29 | 63 | 0 | 0 | 0 | 4,379 | 1,950 | 178,960 | 173,265 | 156,504 | 97,353 | 17,015 | 629,518 |
| Total Shrimp | 7,673 | 6,884 | 61,205 | 134,386 | 204,103 | 383,532 | 95,219 | 225,307 | 178,468 | 158,246 | 153,446 | 46,889 | 1,655,358 |
| Blue crab | 15,850 | 1,892 | 0 | 1,935 | 1,834 | 9,222 | 9,195 | 20,722 | 4,950 | 5,909 | 3,846 | 5,393 | 80,748 |
| Mantis shrimp | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oyster, Eastern | 0 | 0 | 0 | 500 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 500 |
| Squid, unclassified | 0 | 0 | 18 | 2 | 5 | 58 | 0 | 108 | 28 | 20 | 0 | 0 | 239 |
| Stone crab | 111 | 776 | 676 | 1,199 | 1,524 | 1,507 | 935 | 6,648 | 1,780 | 0 | 3,135 | 3,789 | 22,080 |
| Total shellfish | 23,634 | 9,552 | 61,899 | 138,022 | 207,466 | 394,319 | 105,349 | 252,785 | 185,226 | 164,175 | 160,427 | 56,071 | 1,758,925 |
| Grand Total | 38,692 | 16,880 | 87,849 | 165,962 | 222,587 | 399,716 | 111,154 | 265,342 | 197,829 | 178,535 | 170,557 | 78,439 | 1,933,542 |

Table D.15. Weight (lb) of each species landed commercially from the upper Laguna Madre system during 1988. Data based on MMPR and NMFS.

| Species | January | February | March | April | May | June | July | August | September | October | November | December | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **FINFISH** | | | | | | | | | | | | | |
| Atlantic croaker | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Black drum | 7,913 | 26,909 | 76,529 | 17,168 | 13,860 | 7,557 | 10,070 | 6,121 | 2,290 | 953 | 1,660 | 17,468 | 188,508 |
| Florida pompano | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,800 | 3 | 0 | 1,803 |
| Flounder, unclassified | 28 | 327 | 320 | 671 | 0 | 1,683 | 1,816 | 0 | 33 | 91 | 0 | 0 | 4,969 |
| Gafftopsail catfish | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sheepshead | 810 | 3 | 3,205 | 618 | 85 | 0 | 0 | 65 | 19 | 5 | 0 | 0 | 4,810 |
| **Total finfish** | 8,751 | 27,241 | 80,064 | 18,457 | 13,945 | 9,240 | 11,886 | 6,186 | 2,342 | 2,849 | 1,663 | 17,468 | 200,092 |
| **SHELLFISH** | | | | | | | | | | | | | |
| Shrimp (heads on) | | | | | | | | | | | | | |
| Brown and pink | 0 | 0 | 20,400 | 150,239 | 46,086 | 33,628 | 786 | 0 | 0 | 5,803 | 8,695 | 2,424 | 268,061 |
| White | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 1,644 | 0 | 956 | 300 | 2,929 |
| **Total shrimp** | 0 | 0 | 20,400 | 150,239 | 46,086 | 33,628 | 786 | 29 | 1,644 | 5,803 | 9,651 | 2,724 | 270,990 |
| Blue crab | 8,689 | 1,682 | 0 | 3,484 | 1,365 | 7,396 | 9,640 | 23,600 | 12,775 | 23,650 | 10,534 | 0 | 102,815 |
| Eastern oyster | 0 | 438 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 438 |
| Squid, unclassified | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Stone crab | 0 | 0 | 0 | 0 | 0 | 0 | 96 | 0 | 0 | 0 | 0 | 0 | 96 |
| **Total shellfish** | 8,689 | 2,120 | 20,400 | 153,723 | 47,451 | 41,024 | 10,522 | 23,629 | 14,419 | 29,453 | 20,185 | 2,724 | 374,339 |
| **Grand Total** | 17,440 | 29,361 | 100,464 | 172,180 | 61,396 | 50,264 | 22,408 | 29,815 | 16,761 | 32,302 | 21,848 | 20,192 | 574,431 |

Table D.16. Ex-vessel value ($) of each species landed commercially from the upper Laguna Madre system during 1988. Data based on MMPR and NMFS.

| Species | January | February | March | April | May | June | July | August | September | October | November | December | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FINFISH | | | | | | | | | | | | | |
| Atlantic croaker | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Black drum | 7,116 | 24,092 | 66,063 | 14,589 | 11,920 | 6,438 | 7,501 | 5,688 | 1,913 | 730 | 1,387 | 15,614 | 163,051 |
| Florida pompano | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,070 | 4 | 0 | 2,074 |
| Flounder, unclassified | 31 | 481 | 259 | 998 | 0 | 2,693 | 2,835 | 0 | 50 | 159 | 0 | 0 | 7,506 |
| Gafftopsail catfish | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sheepshead | 284 | 1 | 1,412 | 306 | 32 | 0 | 0 | 39 | 7 | 2 | 0 | 0 | 2,083 |
| Total finfish | 7,431 | 24,575 | 67,734 | 15,893 | 11,952 | 9,131 | 10,336 | 5,727 | 1,970 | 2,961 | 1,391 | 15,614 | 174,715 |
| SHELLFISH | | | | | | | | | | | | | |
| Shrimp (heads on) | | | | | | | | | | | | | |
| Brown and pink | 0 | 0 | 33,252 | 184,794 | 32,260 | 31,610 | 700 | 0 | 0 | 5,455 | 8,695 | 2,182 | 298,948 |
| White | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 2,137 | 0 | 956 | 900 | 4,023 |
| Total Shrimp | 0 | 0 | 33,252 | 184,794 | 32,260 | 31,610 | 700 | 30 | 2,137 | 5,455 | 9,651 | 3,082 | 302,971 |
| Blue crab | 3,910 | 757 | 0 | 1,506 | 587 | 2,737 | 3,470 | 8,968 | 5,110 | 10,406 | 5,056 | 0 | 42,507 |
| Eastern oyster | 0 | 1,250 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,250 |
| Squid, unclassified | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Stone crab | 0 | 0 | 0 | 0 | 0 | 0 | 67 | 0 | 0 | 0 | 0 | 0 | 67 |
| Total shellfish | 3,910 | 2,007 | 33,252 | 186,300 | 32,847 | 34,347 | 4,237 | 8,998 | 7,247 | 15,861 | 14,707 | 3,082 | 346,795 |
| Grand Total | 11,341 | 26,582 | 100,986 | 202,193 | 44,799 | 43,478 | 14,573 | 14,725 | 9,217 | 18,822 | 16,098 | 18,696 | 521,510 |

Table D.17. Weight (lb) of each species landed commercially from the lower Laguna Madre system during 1988. Data based on MMPR and NMFS.

| Species | January | February | March | April | May | June | July | August | September | October | November | December | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FINFISH | | | | | | | | | | | | | |
| Alligator gar | 1,869 | 902 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,771 |
| Atlantic croaker | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 166 | 10 | 15 | 46 | 237 |
| Black drum | 15,467 | 10,811 | 16,386 | 2,848 | 1,304 | 666 | 523 | 740 | 319 | 1,289 | 2,287 | 25,823 | 78,463 |
| Flounder, unclassified | 350 | 412 | 667 | 3,918 | 5,728 | 4,856 | 5,120 | 6,918 | 6,487 | 11,143 | 4,810 | 8,346 | 58,755 |
| Kingfish, unclassified | 0 | 0 | 150 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 150 |
| Shark, unclassified | 0 | 0 | 0 | 60 | 288 | 608 | 26 | 28 | 208 | 0 | 0 | 0 | 1,218 |
| Sheepshead | 777 | 285 | 18 | 33 | 40 | 125 | 277 | 499 | 157 | 49 | 74 | 324 | 2,658 |
| Unclassified food | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6,438 | 4,715 | 11,153 |
| Total finfish | 18,463 | 12,410 | 17,221 | 6,915 | 7,360 | 6,255 | 5,946 | 8,185 | 7,337 | 12,491 | 13,624 | 39,254 | 155,405 |
| SHELLFISH | | | | | | | | | | | | | |
| Blue crab | 0 | 0 | 44 | 45 | 0 | 0 | 0 | 146 | 90 | 0 | 0 | 375 | 700 |
| Oyster, Eastern | 333 | 490 | 1,278 | 2,101 | 1,453 | 1,418 | 735 | 981 | 543 | 0 | 0 | 0 | 9,332 |
| Squid, unclassified | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Stone crab | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total shellfish | 333 | 490 | 1,322 | 2,146 | 1,453 | 1,418 | 735 | 1,127 | 633 | 0 | 0 | 375 | 10,032 |
| Grand Total | 18,796 | 12,900 | 18,543 | 9,061 | 8,813 | 7,673 | 6,681 | 9,312 | 7,970 | 12,491 | 13,624 | 39,629 | 165,437 |

Table D.18. Ex-vessel value ($) of each species landed commercially from the lower Laguna Madre system during 1988. Data based on MMPR and NMFS.

| Species | Months | | | | | | | | | | | | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | January | February | March | April | May | June | July | August | September | October | November | December | |
| **FINFISH** | | | | | | | | | | | | | |
| Alligator gar | 1,402 | 812 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,214 |
| Atlantic croaker | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33 | 2 | 0 | 9 | 47 |
| Black drum | 12,230 | 7,001 | 8,235 | 1,477 | 1,064 | 606 | 520 | 725 | 319 | 1,259 | 1,977 | 17,853 | 53,266 |
| Flounder, unclassified | 360 | 387 | 781 | 5,473 | 8,379 | 7,467 | 8,845 | 11,356 | 10,142 | 15,126 | 6,705 | 11,497 | 86,518 |
| Kingfish, unclassified | 0 | 0 | 150 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 150 |
| Shark, unclassified | 0 | 0 | 0 | 30 | 144 | 304 | 13 | 14 | 312 | 0 | 0 | 0 | 817 |
| Sheepshead | 194 | 71 | 5 | 8 | 10 | 31 | 69 | 125 | 39 | 12 | 19 | 81 | 664 |
| Unclassified food | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9,657 | 7,073 | 16,730 |
| **Total finfish** | 14,186 | 8,271 | 9,171 | 7,013 | 9,597 | 8,408 | 9,447 | 12,220 | 10,845 | 16,399 | 18,361 | 36,513 | 160,406 |
| **SHELLFISH** | | | | | | | | | | | | | |
| Blue crab | 0 | 0 | 48 | 49 | 0 | 0 | 0 | 161 | 99 | 0 | 0 | 377 | 734 |
| Oyster, Eastern | 1,233 | 1,400 | 3,650 | 5,715 | 2,034 | 2,915 | 1,512 | 2,001 | 1,550 | 0 | 0 | 0 | 22,010 |
| Squid, unclassified | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Stone crab | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total shellfish** | 1,233 | 1,400 | 3,698 | 5,764 | 2,034 | 2,915 | 1,512 | 2,162 | 1,649 | 0 | 0 | 377 | 22,744 |
| **Grand Total** | 15,419 | 9,671 | 12,869 | 12,777 | 11,631 | 11,323 | 10,959 | 14,382 | 12,494 | 16,399 | 18,361 | 36,890 | 183,150 |

Appendix E. Monthly commercial finfish and shellfish landings (lb) and ex-vessel value ($) from the Gulf of Mexico grid zones during 1988.

Table E.1. Weight (lb) of each species, except shrimp, landed commercially from Gulf of Mexico grid zone 17.0 during 1988. Data based on MMPR.

| Species | January | February | March | April | May | June | July | August | September | October | November | December | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **FINFISH** | | | | | | | | | | | | | |
| Alligator gar | 0 | 300 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 300 |
| Atlantic croaker | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 590 | 0 | 0 | 590 |
| Black drum | 39,815 | 36,054 | 40,204 | 36,173 | 3,492 | 4,983 | 0 | 380 | 0 | 0 | 0 | 57 | 161,158 |
| Bluefish | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cobia | 0 | 0 | 0 | 0 | 0 | 193 | 62 | 20 | 0 | 0 | 0 | 0 | 275 |
| Cusk eel | 0 | 0 | 132 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 132 |
| Dolphin | 0 | 0 | 0 | 0 | 542 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 642 |
| Florida pompano | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| Flounder, unclassified | 4,952 | 586 | 569 | 736 | 739 | 857 | 563 | 544 | 539 | 749 | 6,567 | 2,056 | 19,457 |
| Gafftopsail catfish | 0 | 0 | 0 | 0 | 20 | 227 | 0 | 20 | 47 | 1,787 | 0 | 0 | 2,101 |
| Greater amberjack | 0 | 0 | 48 | 67 | 1,359 | 76 | 0 | 1,510 | 0 | 496 | 0 | 195 | 3,751 |
| Grouper, black | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 59 | 59 |
| Grouper, jewfish | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Grouper, scamp | 0 | 0 | 0 | 0 | 0 | 0 | 60 | 47 | 3 | 0 | 103 | 100 | 313 |
| Grouper, unclassified | 0 | 0 | 3 | 0 | 745 | 7 | 0 | 12 | 0 | 0 | 115 | 12 | 894 |
| Grouper, warsaw | 0 | 0 | 67 | 257 | 623 | 82 | 0 | 215 | 0 | 186 | 0 | 215 | 1,645 |
| Grouper, yellowedge | 926 | 0 | 0 | 5,783 | 27,890 | 1,316 | 0 | 0 | 0 | 4,849 | 3,152 | 0 | 43,916 |
| Kingfish, unclassified | 480 | 190 | 427 | 574 | 1,408 | 327 | 2,362 | 1,326 | 1,889 | 1,264 | 2,525 | 1,162 | 13,934 |
| Mackerel, king | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mackerel, Spanish | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Seatrout, sand | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Shark, blacktip | 0 | 0 | 0 | 0 | 459 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 459 |
| Shark, shortfin, mako | 0 | 0 | 0 | 0 | 497 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 497 |
| Shark, unclassified | 847 | 0 | 188 | 0 | 419 | 0 | 238 | 0 | 118 | 0 | 0 | 0 | 1,810 |
| Sheepshead | 576 | 3,347 | 10 | 38 | 15 | 340 | 0 | 77 | 29 | 126 | 0 | 8 | 4,566 |
| Snapper, red | 786 | 605 | 2,062 | 1,569 | 4,744 | 2,825 | 1,383 | 9,282 | 2,486 | 2,721 | 1,198 | 2,666 | 32,327 |
| Snapper, unclassified | 0 | 205 | 0 | 0 | 0 | 0 | 22 | 0 | 0 | 358 | 0 | 0 | 585 |
| Snapper, vermilion | 47 | 0 | 260 | 85 | 54 | 3 | 376 | 601 | 0 | 1,311 | 0 | 0 | 2,737 |
| Swordfish | 0 | 0 | 0 | 0 | 485 | 0 | 415 | 1,395 | 0 | 1,021 | 2,695 | 5,300 | 11,311 |
| Tilefish | 0 | 0 | 0 | 0 | 1,190 | 88 | 0 | 0 | 0 | 2,026 | 3,641 | 0 | 6,945 |
| Triggerfish, grey | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 87 | 0 | 0 | 0 | 0 | 87 |
| Tuna, Atlantic bonito | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tuna, little | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tuna, unclassified | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tuna, yellowfin | 0 | 0 | 0 | 0 | 46,423 | 0 | 156,173 | 162,805 | 4,061 | 8,838 | 18,723 | 71,756 | 468,779 |
| Unclassified scrap | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 0 | 0 | 0 | 0 | 0 | 26 |
| Wahoo | 0 | 0 | 0 | 0 | 1,566 | 0 | 0 | 13,818 | 347 | 44 | 0 | 0 | 15,775 |
| **Total finfish** | 48,429 | 41,290 | 43,970 | 45,282 | 42,670 | 11,324 | 161,680 | 192,139 | 9,619 | 26,366 | 38,719 | 83,586 | 795,074 |
| **SHELLFISH** | | | | | | | | | | | | | |
| Blue crab | 0 | 70 | 1,587 | 1,238 | 14,996 | 720 | 0 | 13,622 | 69 | 1,062 | 60 | 0 | 33,424 |
| Squid, unclassified | 0 | 16 | 53 | 551 | 0 | 142 | 307 | 2,667 | 133 | 917 | 20 | 1,382 | 6,188 |
| Total Shellfish | 0 | 86 | 1,640 | 1,789 | 14,996 | 862 | 307 | 16,289 | 202 | 1,979 | 80 | 1,382 | 39,612 |
| Grand total | 48,429 | 41,376 | 45,610 | 47,071 | 107,666 | 12,186 | 161,987 | 208,428 | 9,821 | 28,345 | 38,799 | 84,968 | 834,686 |

Table E.2. Ex-vessel value ($) of each species, except shrimp, landed commercially from Gulf of Mexico grid zone 17.0 during 1988. Data based on MMPR.

| Species | January | February | March | April | May | June | July | August | September | October | November | December | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FINFISH | | | | | | | | | | | | | |
| Alligator gar | 0 | 390 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 390 |
| Atlantic croaker | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 177 | 0 | 0 | 177 |
| Black drum | 32,983 | 30,708 | 5,458 | 3,270 | 105 | 4,572 | 0 | 424 | 0 | 0 | 0 | 51 | 77,571 |
| Bluefish | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cobia | 0 | 0 | 0 | 0 | 0 | 193 | 62 | 20 | 0 | 0 | 0 | 0 | 275 |
| Cusk eel | 0 | 0 | 79 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 79 |
| Dolphin | 0 | 0 | 0 | 0 | 450 | 0 | 0 | 0 | 70 | 0 | 0 | 0 | 520 |
| Florida pompano | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Flounder, unclassified | 4,320 | 489 | 480 | 720 | 648 | 687 | 499 | 960 | 416 | 616 | 5,102 | 2,579 | 17,516 |
| Gafftopsail catfish | 0 | 0 | 0 | 0 | 5 | 32 | 0 | 5 | 11 | 357 | 0 | 0 | 410 |
| Greater amberjack | 0 | 0 | 19 | 25 | 462 | 26 | 0 | 891 | 0 | 317 | 0 | 98 | 1,838 |
| Grouper, black | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 89 | 89 |
| Grouper, jewfish | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Grouper, scamp | 0 | 0 | 0 | 0 | 0 | 0 | 102 | 74 | 4 | 0 | 180 | 150 | 510 |
| Grouper, unclassified | 0 | 0 | 5 | 0 | 665 | 9 | 0 | 12 | 0 | 0 | 144 | 23 | 858 |
| Grouper, warsaw | 0 | 0 | 76 | 239 | 389 | 49 | 0 | 183 | 0 | 197 | 0 | 258 | 1,391 |
| Grouper, yellowedge | 1,408 | 0 | 0 | 9,249 | 31,258 | 1,342 | 0 | 0 | 0 | 7,613 | 4,791 | 0 | 55,661 |
| Kingfish, unclassified | 136 | 66 | 124 | 189 | 416 | 95 | 699 | 507 | 626 | 379 | 758 | 349 | 4,344 |
| Mackerel, king | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mackerel, Spanish | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Seatrout, sand | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Shark, blacktip | 0 | 0 | 0 | 0 | 101 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 101 |
| Shark, shortfin, mako | 0 | 0 | 0 | 0 | 317 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 317 |
| Shark, unclassified | 1,211 | 0 | 38 | 0 | 126 | 0 | 140 | 0 | 98 | 0 | 0 | 0 | 1,613 |
| Sheepshead | 173 | 1,657 | 3 | 10 | 4 | 150 | 0 | 29 | 7 | 63 | 0 | 3 | 2,099 |
| Snapper, red | 1,151 | 1,271 | 4,156 | 3,120 | 8,960 | 5,316 | 2,607 | 21,229 | 5,159 | 5,679 | 2,203 | 5,519 | 66,370 |
| Snapper, unclassified | 0 | 410 | 0 | 0 | 0 | 0 | 22 | 0 | 0 | 422 | 0 | 0 | 854 |
| Snapper, vermilion | 64 | 0 | 325 | 85 | 57 | 2 | 560 | 759 | 0 | 1,324 | 0 | 0 | 3,176 |
| Swordfish | 0 | 0 | 0 | 0 | 1,571 | 0 | 440 | 3,864 | 0 | 2,246 | 7,762 | 15,158 | 31,041 |
| Tilefish | 0 | 0 | 0 | 0 | 981 | 62 | 0 | 0 | 0 | 2,107 | 1,930 | 0 | 5,080 |
| Triggerfish, grey | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 0 | 0 | 0 | 0 | 26 |
| Tuna, Atlantic bonito | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tuna, little | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tuna, unclassified | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tuna, yellowfin | 0 | 0 | 0 | 0 | 81,380 | 0 | 188,969 | 198,622 | 7,269 | 14,229 | 38,757 | 147,100 | 676,326 |
| Unclassified scrap | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 0 | 0 | 0 | 0 | 0 | 13 |
| Wahoo | 0 | 0 | 0 | 0 | 1,378 | 0 | 0 | 10,225 | 243 | 37 | 0 | 0 | 11,883 |
| **Total finfish** | 41,446 | 34,993 | 10,763 | 16,907 | 129,273 | 12,535 | 194,113 | 237,830 | 13,903 | 35,763 | 61,627 | 171,377 | 960,530 |
| SHELLFISH | | | | | | | | | | | | | |
| Blue crab | 0 | 39 | 895 | 427 | 6,700 | 360 | 0 | 5,677 | 28 | 531 | 27 | 0 | 14,684 |
| Squid, unclassified | 0 | 10 | 34 | 276 | 0 | 71 | 154 | 1,334 | 65 | 454 | 9 | 603 | 3,010 |
| **Total Shellfish** | 0 | 49 | 929 | 703 | 6,700 | 431 | 154 | 7,011 | 93 | 985 | 36 | 603 | 17,694 |
| **Grand total** | 41,446 | 35,042 | 11,692 | 17,610 | 135,973 | 12,966 | 194,267 | 244,841 | 13,996 | 36,748 | 61,663 | 171,980 | 978,224 |

Table E.3. Weight (lb) of each species, except shrimp, landed commercially from Gulf of Mexico grid zone 18.0 during 1988. Data based on MMPR.

| Species | January | February | March | April | May | June | July | August | September | October | November | December | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FINFISH | | | | | | | | | | | | | |
| Atlantic croaker | 0 | 0 | 155 | 0 | 0 | 0 | 0 | 500 | 79 | 0 | 8 | 159 | 901 |
| Black drum | 0 | 57 | 160 | 37 | 500 | 23 | 0 | 150 | 0 | 0 | 168 | 40 | 1,135 |
| Bluefish | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 334 | 0 | 380 |
| Cobia | 0 | 12 | 11 | 20 | 80 | 151 | 26 | 387 | 17 | 0 | 2 | 51 | 757 |
| Codfishes, unclassified | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Crevalle jack | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cusk eel | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 136 | 0 | 0 | 0 | 0 | 136 |
| Dolphin | 9 | 0 | 0 | 0 | 80 | 15 | 451 | 70 | 21 | 10 | 5 | 47 | 708 |
| Florida pompano | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Flounder, unclassified | 59 | 23 | 90 | 4 | 215 | 164 | 478 | 19 | 33 | 0 | 279 | 384 | 1,748 |
| Gafftopsail catfish | 0 | 0 | 0 | 0 | 0 | 25 | 25 | 0 | 0 | 50 | 0 | 32 | 132 |
| Great barracuda | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 62 | 0 | 0 | 0 | 62 |
| Greater amberjack | 161 | 251 | 338 | 1,512 | 1,231 | 293 | 4,668 | 4,873 | 595 | 1,269 | 941 | 387 | 16,622 |
| Grouper, scamp | 47 | 65 | 0 | 0 | 459 | 61 | 124 | 569 | 40 | 228 | 109 | 0 | 1,702 |
| Grouper, unclassified | 5,356 | 8,336 | 4,729 | 10,564 | 11,664 | 8,119 | 23,912 | 16,612 | 8,396 | 18,585 | 7,738 | 3,358 | 127,369 |
| Grouper, warsaw | 709 | 961 | 614 | 601 | 751 | 758 | 2,802 | 1,787 | 234 | 331 | 387 | 191 | 10,126 |
| Grouper, yellowfin | 0 | 0 | 0 | 0 | 2,050 | 0 | 11,533 | 16,313 | 0 | 0 | 0 | 0 | 29,896 |
| Gulf butterfish | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kingfish, unclassified | 314 | 74 | 51 | 0 | 0 | 0 | 3,040 | 650 | 241 | 0 | 130 | 347 | 4,847 |
| Mackerel, king | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4,058 | 66 | 1,667 | 0 | 0 | 5,791 |
| Mackerel, Spanish | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 107 | 0 | 0 | 0 | 118 |
| Mullet, unclassified | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Seatrout, sand | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Shark, blacktip | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 128 | 0 | 109 | 237 |
| Shark, shortfin mako | 0 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 137 | 0 | 25 | 262 |
| Shark, unclassified | 14 | 654 | 341 | 513 | 1,021 | 160 | 152 | 281 | 102 | 0 | 85 | 0 | 3,323 |
| Sheepshead | 0 | 161 | 422 | 421 | 633 | 247 | 130 | 0 | 0 | 0 | 161 | 0 | 2,175 |
| Snapper, red | 10,797 | 13,400 | 16,444 | 7,853 | 23,806 | 3,862 | 11,271 | 20,717 | 18,872 | 12,341 | 9,357 | 9,251 | 158,445 |
| Snapper, unclassified | 0 | 0 | 0 | 0 | 0 | 0 | 5,928 | 2,507 | 25 | 7 | 192 | 0 | 8,659 |
| Snapper, vermilion | 85 | 617 | 45 | 5,552 | 3,346 | 512 | 0 | 1,665 | 670 | 167 | 672 | 368 | 13,699 |
| Swordfish | 0 | 1,525 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,525 |
| Tilefish | 0 | 84 | 2,368 | 0 | 4,879 | 0 | 15,616 | 20,227 | 4,135 | 10,633 | 3,048 | 6,767 | 67,757 |
| Triggerfish, gray | 0 | 0 | 0 | 0 | 0 | 0 | 23 | 0 | 0 | 0 | 0 | 0 | 23 |
| Tuna, blackfin | 0 | 0 | 0 | 0 | 0 | 0 | 325 | 0 | 0 | 0 | 0 | 0 | 325 |
| Tuna, bluefin | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tuna, unclassified | 0 | 144 | 0 | 0 | 1,243 | 457 | 432 | 78 | 32 | 16 | 0 | 0 | 2,370 |
| Tuna, yellowfin | 0 | 0 | 0 | 0 | 0 | 0 | 151 | 0 | 21 | 0 | 0 | 47 | 219 |
| Unclassified food | 3,253 | 1,162 | 4,033 | 10,346 | 5,468 | 1,610 | 1,417 | 418 | 317 | 1,626 | 183 | 136 | 29,969 |
| Unclassified scrap | 0 | 0 | 142 | 143 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 285 |
| Wahoo | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 123 | 0 | 0 | 123 |
| **Total finfish** | 20,815 | 27,626 | 29,943 | 37,566 | 57,426 | 16,457 | 82,504 | 92,017 | 33,990 | 47,318 | 23,799 | 21,699 | 491,826 |
| SHELLFISH | | | | | | | | | | | | | |
| Blue crab | 0 | 0 | 0 | 0 | 1,777 | 605 | 967 | 0 | 3,723 | 404 | 650 | 0 | 8,126 |
| Squid, unclassified | 193 | 39 | 14 | 0 | 0 | 71 | 0 | 0 | 29 | 0 | 0 | 0 | 346 |
| Stone crab | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 272 | 0 | 0 | 0 | 272 |
| **Total Shellfish** | 193 | 39 | 14 | 0 | 1,777 | 676 | 967 | 0 | 4,024 | 404 | 650 | 0 | 8,744 |
| **Grand total** | 21,008 | 27,665 | 29,957 | 37,566 | 59,203 | 17,133 | 83,471 | 92,017 | 38,014 | 47,722 | 24,449 | 21,699 | 500,570 |

Table E.4. Ex-vessel value ($) of each species, except shrimp, landed commercially from Gulf of Mexico grid zone 18.0 during 1988. Data based on MMPR.

| Species | January | February | March | April | May | June | July | August | September | October | November | December | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **FINFISH** | | | | | | | | | | | | | |
| Atlantic croaker | 0 | 0 | 39 | 0 | 0 | 0 | 0 | 175 | 79 | 0 | 4 | 56 | 314 |
| Black drum | 0 | 34 | 40 | 37 | 200 | 6 | 0 | 53 | 0 | 0 | 48 | 14 | 432 |
| Bluefish | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 67 | 0 | 90 |
| Cobia | 0 | 10 | 6 | 16 | 64 | 121 | 20 | 291 | 17 | 0 | 1 | 38 | 580 |
| Codfishes, unclassified | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Crevalle, jack | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cusk eel | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 68 | 0 | 0 | 0 | 0 | 68 |
| Dolphin | 4 | 0 | 0 | 0 | 60 | 15 | 384 | 69 | 21 | 9 | 5 | 45 | 609 |
| Florida pompano | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Flounder, unclassified | 47 | 23 | 85 | 4 | 323 | 252 | 868 | 14 | 33 | 0 | 279 | 384 | 2,312 |
| Gafftopsail catfish | 0 | 0 | 0 | 0 | 0 | 8 | 6 | 0 | 0 | 8 | 0 | 19 | 41 |
| Great barracuda | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 0 | 0 | 0 | 31 |
| Greater amberjack | 105 | 171 | 214 | 686 | 760 | 117 | 2,334 | 3,049 | 368 | 839 | 606 | 252 | 9,589 |
| Grouper, scamp | 80 | 111 | 0 | 0 | 1,033 | 128 | 198 | 1,051 | 70 | 420 | 196 | 0 | 3,287 |
| Grouper, unclassified | 9,109 | 13,732 | 8,032 | 18,561 | 20,555 | 14,617 | 38,352 | 28,345 | 8,275 | 34,267 | 13,177 | 5,873 | 218,434 |
| Grouper, warsaw | 922 | 1,250 | 798 | 781 | 1,119 | 948 | 3,503 | 2,145 | 285 | 397 | 484 | 239 | 12,871 |
| Grouper, yellowfin | 0 | 0 | 0 | 0 | 4,100 | 0 | 18,453 | 28,548 | 0 | 0 | 0 | 0 | 51,101 |
| Gulf butterfish | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kingfish, unclassified | 112 | 19 | 18 | 0 | 0 | 0 | 2,246 | 228 | 84 | 0 | 33 | 103 | 2,843 |
| Mackerel, king | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3,044 | 66 | 2,000 | 0 | 0 | 5,090 |
| Mackerel, Spanish | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 107 | 0 | 0 | 0 | 46 |
| Mullet, unclassified | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Seatrout, sand | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Shark, blacktip | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 83 | 0 | 55 | 138 |
| Shark, shortfin mako | 0 | 105 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 137 | 0 | 13 | 255 |
| Shark, unclassified | 6 | 262 | 136 | 261 | 459 | 64 | 78 | 118 | 51 | 0 | 38 | 0 | 1,473 |
| Sheepshead | 0 | 64 | 158 | 136 | 221 | 91 | 57 | 0 | 0 | 0 | 46 | 0 | 773 |
| Snapper, red | 24,146 | 29,790 | 37,742 | 17,962 | 59,909 | 8,938 | 26,771 | 46,509 | 18,872 | 28,333 | 22,330 | 21,824 | 364,889 |
| Snapper, unclassified | 0 | 0 | 0 | 0 | 0 | 0 | 8,916 | 3,152 | 25 | 11 | 336 | 0 | 12,453 |
| Snapper, vermilion | 184 | 1,019 | 78 | 11,097 | 5,321 | 1,024 | 0 | 2,498 | 670 | 292 | 1,177 | 626 | 24,326 |
| Swordfish | 0 | 4,575 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4,575 |
| Tilefish | 0 | 69 | 2,960 | 0 | 4,537 | 0 | 17,178 | 26,295 | 5,169 | 10,633 | 3,048 | 6,767 | 76,656 |
| Triggerfish, gray | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 0 | 0 | 0 | 0 | 0 | 15 |
| Tuna, blackfin | 0 | 0 | 0 | 0 | 0 | 0 | 163 | 0 | 0 | 0 | 0 | 0 | 163 |
| Tuna, bluefin | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tuna, unclassified | 0 | 176 | 0 | 0 | 459 | 457 | 629 | 31 | 0 | 6 | 0 | 0 | 1,758 |
| Tuna, yellowfin | 0 | 0 | 0 | 0 | 0 | 0 | 227 | 0 | 32 | 0 | 0 | 71 | 330 |
| Unclassified food | 1,631 | 465 | 1,412 | 4,236 | 2,397 | 644 | 662 | 125 | 159 | 603 | 58 | 54 | 12,446 |
| Unclassified scrap | 0 | 0 | 85 | 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 106 |
| Wahoo | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 123 | 0 | 0 | 123 |
| **Total finfish** | 36,349 | 51,875 | 51,803 | 53,798 | 101,517 | 27,530 | 121,060 | 145,808 | 60,950 | 78,161 | 41,933 | 36,433 | 808,217 |
| **SHELLFISH** | | | | | | | | | | | | | |
| Blue crab | 0 | 0 | 0 | 0 | 744 | 303 | 484 | 0 | 1,828 | 141 | 325 | 0 | 3,825 |
| Squid, unclassified | 68 | 8 | 4 | 0 | 0 | 18 | 0 | 0 | 12 | 0 | 0 | 0 | 110 |
| Stone crab | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 101 | 0 | 0 | 0 | 101 |
| **Total Shellfish** | 68 | 8 | 4 | 0 | 744 | 321 | 484 | 0 | 1,941 | 141 | 325 | 0 | 4,036 |
| **Grand total** | 36,417 | 51,883 | 51,807 | 53,798 | 102,261 | 27,751 | 121,544 | 145,808 | 62,891 | 78,302 | 42,258 | 36,433 | 812,253 |

Table E.5. Weight (lb) of each species, except shrimp, landed commercially from Gulf of Mexico grid zone 19.0 during 1988. Data based on MMPR.

| Species | January | February | March | April | May | June | July | August | September | October | November | December | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **FINFISH** | | | | | | | | | | | | | |
| Black drum | 360 | 196 | 0 | 156 | 2,369 | 7 | 0 | 0 | 0 | 0 | 185 | 34 | 3,307 |
| Bluefish | 0 | 0 | 42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 42 |
| Cobia | 0 | 70 | 319 | 176 | 250 | 437 | 234 | 373 | 0 | 365 | 246 | 0 | 2,470 |
| Crevalle, jack | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cusk eel | 0 | 0 | 52 | 52 | 0 | 0 | 0 | 11 | 57 | 6 | 21 | 11 | 210 |
| Dolphin | 0 | 47 | 0 | 0 | 0 | 328 | 6 | 3 | 11 | 0 | 0 | 0 | 395 |
| Florida pompano | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 10 |
| Flounder, unclassified | 2,581 | 1,212 | 813 | 1,173 | 1,967 | 1,141 | 1,642 | 1,639 | 2,107 | 4,000 | 6,190 | 4,396 | 28,861 |
| Gaftopsail catfish | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 139 | 0 | 0 | 0 | 139 |
| Greater amberjack | 0 | 2,676 | 3,759 | 15,871 | 4,189 | 1,084 | 876 | 3,001 | 2,102 | 2,635 | 5,080 | 3,968 | 46,437 |
| Grouper, Black | 0 | 61 | 0 | 442 | 110 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 613 |
| Grouper, jewfish | 0 | 0 | 98 | 0 | 0 | 0 | 0 | 77 | 0 | 0 | 0 | 0 | 175 |
| Grouper, scamp | 0 | 145 | 735 | 66 | 96 | 104 | 0 | 85 | 61 | 409 | 87 | 217 | 2,005 |
| Grouper, unclassified | 316 | 428 | 9,058 | 10,414 | 9,623 | 702 | 348 | 257 | 348 | 942 | 4,673 | 520 | 37,629 |
| Grouper, warsaw | 124 | 2,639 | 2,802 | 4,607 | 2,457 | 1,173 | 768 | 2,099 | 466 | 1,836 | 1,186 | 2,743 | 22,900 |
| Grouper, yellowedge | 0 | 0 | 0 | 7,730 | 0 | 8,206 | 0 | 6,199 | 822 | 1,454 | 0 | 8,215 | 32,626 |
| Grouper, yellowfin | 0 | 15,872 | 19,615 | 17,069 | 0 | 0 | 180 | 0 | 0 | 0 | 0 | 0 | 52,736 |
| Kingfish, southern | 0 | 0 | 0 | 0 | 0 | 61 | 627 | 0 | 0 | 0 | 0 | 0 | 688 |
| Kingfish, unclassified | 370 | 102 | 595 | 66 | 841 | 47 | 23 | 507 | 248 | 1,118 | 2,129 | 3,336 | 9,382 |
| Mullet, unclassified | 0 | 185 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 486 | 0 | 0 | 671 |
| Shark, blacktip | 0 | 0 | 118 | 222 | 0 | 0 | 0 | 0 | 73 | 51 | 0 | 0 | 464 |
| Shark, shortfin mako | 0 | 0 | 93 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 93 |
| Shark, unclassified | 0 | 922 | 1,899 | 2,708 | 1,783 | 1,607 | 107 | 1,253 | 174 | 12 | 241 | 0 | 10,706 |
| Sheepshead | 0 | 511 | 19 | 276 | 83 | 50 | 0 | 0 | 0 | 0 | 96 | 0 | 1,035 |
| Snapper, red | 7,469 | 12,831 | 21,529 | 40,456 | 8,647 | 13,971 | 4,690 | 9,783 | 9,127 | 21,406 | 7,535 | 12,492 | 170,212 |
| Snapper, unclassified | 938 | 353 | 3,142 | 1,022 | 2,433 | 591 | 369 | 361 | 334 | 179 | 1,715 | 354 | 11,801 |
| Snapper, vermilion | 0 | 0 | 377 | 658 | 1,583 | 0 | 0 | 0 | 0 | 0 | 228 | 1,167 | 4,013 |
| Swordfish | 0 | 1,902 | 1,124 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3,026 |
| Tilefish | 0 | 6,054 | 13,659 | 15,302 | 12,902 | 2,916 | 3,751 | 7,843 | 7,496 | 2,953 | 277 | 357 | 73,510 |
| Triggerfish, gray | 44 | 0 | 0 | 14 | 149 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 207 |
| Tuna, blackfin | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 94 | 0 | 0 | 94 |
| Tuna, unclassified | 0 | 0 | 0 | 0 | 0 | 872 | 0 | 209 | 0 | 0 | 119 | 0 | 1,200 |
| Tuna, yellowfin | 0 | 188 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 188 |
| Unclassified food | 0 | 0 | 23 | 62 | 37 | 0 | 0 | 0 | 152 | 0 | 0 | 0 | 274 |
| Unclassified scrap | 475 | 200 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 675 |
| Wahoo | 0 | 0 | 0 | 0 | 0 | 16 | 0 | 49 | 12 | 0 | 0 | 0 | 77 |
| **Total finfish** | 12,677 | 46,604 | 79,871 | 118,542 | 49,519 | 33,313 | 13,621 | 33,759 | 23,729 | 37,946 | 30,008 | 37,810 | 518,871 |
| **SHELLFISH** | | | | | | | | | | | | | |
| Blue crab | 0 | 0 | 1,025 | 1,702 | 1,799 | 6,137 | 7,511 | 25,143 | 246 | 0 | 0 | 0 | 43,563 |
| Spiny lobster | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Squid, unclassified | 229 | 203 | 51 | 0 | 1,600 | 24 | 462 | 346 | 62 | 89 | 83 | 101 | 3,250 |
| Stone crab | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Shellfish | 229 | 203 | 1,076 | 1,702 | 3,399 | 6,161 | 7,973 | 25,489 | 308 | 89 | 83 | 101 | 46,813 |
| Grand total | 12,906 | 46,807 | 80,947 | 120,244 | 52,918 | 39,474 | 21,594 | 59,248 | 24,037 | 38,035 | 30,091 | 37,911 | 565,684 |

Table E.6. Ex-vessel ($) value of each species, except shrimp, landed commercially from Gulf of Mexico grid zone 19.0 during 1988. Data based on MMPR.

| Species | January | February | March | April | May | June | July | August | September | October | November | December | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **FINFISH** | | | | | | | | | | | | | |
| Black drum | 90 | 39 | 0 | 34 | 4,350 | 2 | 0 | 0 | 0 | 0 | 108 | 10 | 4,633 |
| Bluefish | 0 | 0 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 |
| Cobia | 0 | 58 | 230 | 127 | 198 | 345 | 175 | 243 | 0 | 248 | 176 | 0 | 1,800 |
| Crevalle jack | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cusk eel | 0 | 0 | 13 | 52 | 0 | 0 | 0 | 10 | 25 | 6 | 19 | 11 | 136 |
| Dolphin | 0 | 20 | 0 | 0 | 0 | 375 | 3 | 4 | 9 | 0 | 0 | 0 | 411 |
| Florida pompano | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 10 |
| Flounder, unclassified | 2,211 | 1,122 | 765 | 1,172 | 1,425 | 1,210 | 1,484 | 1,698 | 2,184 | 3,549 | 5,210 | 3,762 | 25,792 |
| Gaftopsail catfish | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 313 | 0 | 0 | 0 | 313 |
| Greater amberjack | 0 | 1,940 | 2,791 | 12,468 | 2,773 | 626 | 444 | 1,902 | 1,738 | 1,696 | 4,655 | 2,738 | 34,677 |
| Grouper, black | 0 | 84 | 0 | 416 | 150 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 650 |
| Grouper, jewfish | 0 | 0 | 83 | 0 | 0 | 0 | 0 | 96 | 0 | 0 | 0 | 0 | 179 |
| Grouper, scamp | 0 | 230 | 1,142 | 63 | 134 | 128 | 0 | 72 | 103 | 453 | 113 | 321 | 2,750 |
| Grouper, unclassified | 255 | 393 | 11,775 | 15,739 | 12,754 | 898 | 409 | 307 | 540 | 914 | 6,601 | 677 | 51,262 |
| Grouper, warsaw | 87 | 1,652 | 2,257 | 5,082 | 2,243 | 1,074 | 721 | 2,107 | 444 | 2,019 | 1,387 | 2,928 | 22,001 |
| Grouper, yellowedge | 0 | 0 | 0 | 11,416 | 0 | 10,749 | 0 | 8,431 | 1,168 | 2,055 | 0 | 12,158 | 45,977 |
| Grouper, yellowfin | 0 | 24,919 | 28,945 | 25,262 | 0 | 0 | 189 | 0 | 0 | 0 | 0 | 0 | 79,315 |
| Kingfish, southern | 0 | 0 | 0 | 0 | 0 | 18 | 163 | 0 | 0 | 0 | 0 | 0 | 181 |
| Kingfish, unclassified | 111 | 31 | 179 | 31 | 281 | 24 | 12 | 138 | 74 | 333 | 637 | 1,001 | 2,852 |
| Mullet, unclassified | 0 | 65 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 122 | 0 | 0 | 187 |
| Shark, blacktip | 0 | 0 | 71 | 92 | 0 | 0 | 0 | 0 | 37 | 13 | 0 | 0 | 213 |
| Shark, shortfin mako | 0 | 0 | 77 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 77 |
| Shark, unclassified | 0 | 470 | 849 | 802 | 591 | 643 | 50 | 776 | 70 | 6 | 76 | 0 | 4,333 |
| Sheepshead | 0 | 102 | 4 | 83 | 22 | 15 | 0 | 0 | 0 | 0 | 24 | 0 | 250 |
| Snapper, red | 13,273 | 25,824 | 46,055 | 85,054 | 15,985 | 24,203 | 7,745 | 16,973 | 14,675 | 35,201 | 11,870 | 20,421 | 317,624 |
| Snapper, unclassified | 1,389 | 523 | 6,513 | 1,503 | 5,961 | 831 | 477 | 491 | 397 | 225 | 2,137 | 482 | 20,929 |
| Snapper, vermilion | 0 | 0 | 483 | 834 | 2,331 | 0 | 0 | 0 | 0 | 0 | 338 | 1,751 | 5,737 |
| Swordfish | 0 | 5,995 | 3,153 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9,148 |
| Tilefish | 0 | 7,020 | 13,300 | 18,867 | 8,257 | 3,281 | 4,747 | 8,100 | 8,474 | 2,967 | 374 | 276 | 75,663 |
| Triggerfish, gray | 29 | 0 | 0 | 7 | 88 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 124 |
| Tuna, blackfin | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21 | 0 | 0 | | 21 |
| Tuna, unclassified | 0 | 0 | 0 | 0 | 0 | 697 | 0 | 48 | 0 | 0 | 133 | 0 | 878 |
| Tuna, yellowfin | 0 | 301 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 301 |
| Unclassified food | 0 | 0 | 12 | 21 | 15 | 0 | 0 | 0 | 50 | 0 | 0 | 0 | 98 |
| Unclassified scrap | 71 | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 101 |
| Wahoo | 0 | 0 | 0 | 0 | 0 | 14 | 0 | 42 | 10 | 0 | 0 | 0 | 66 |
| **Total finfish** | 17,516 | 70,818 | 118,715 | 179,125 | 57,558 | 45,133 | 16,619 | 41,431 | 30,311 | 49,828 | 33,858 | 46,536 | 708,716 |
| **SHELLFISH** | | | | | | | | | | | | | |
| Blue crab | 0 | 0 | 256 | 426 | 450 | 1,534 | 1,878 | 8,375 | 62 | 0 | 0 | 0 | 12,981 |
| Spiny lobster | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Squid, unclassified | 69 | 61 | 15 | 0 | 366 | 6 | 110 | 87 | 16 | 79 | 25 | 26 | 860 |
| Stone crab | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total Shellfish** | 69 | 61 | 271 | 426 | 816 | 1,540 | 1,988 | 8,462 | 78 | 79 | 25 | 26 | 13,841 |
| **Grand total** | 17,585 | 70,879 | 118,986 | 179,551 | 58,374 | 46,673 | 18,607 | 49,893 | 30,389 | 49,907 | 33,883 | 46,562 | 722,557 |

Table E.7. Weight (lb) of each species, except shrimp, landed commercially from Gulf of Mexico grid zone 20.0 during 1988. Data based on MMPR.

| Species | January | February | March | April | May | June | July | August | September | October | November | December | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FINFISH | | | | | | | | | | | | | |
| Black drum | 218 | 10 | 23,149 | 9,469 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 226 | 33,071 |
| Blue fish | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cobia | 0 | 0 | 19 | 105 | 543 | 497 | 838 | 536 | 162 | 69 | 0 | 33 | 2,802 |
| Cusk eel | 0 | 0 | 208 | 127 | 208 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 543 |
| Dolphin | 0 | 0 | 0 | 0 | 113 | 271 | 584 | 68 | 45 | 20 | 0 | 0 | 1,101 |
| Florida pompano | 0 | 0 | 7 | 16 | 5 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 32 |
| Flounder, unclassified | 145 | 236 | 697 | 811 | 3,387 | 1,015 | 815 | 25 | 354 | 443 | 4,614 | 1,692 | 14,234 |
| Gafftopsail catfish | 0 | 0 | 0 | 0 | 168 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 168 |
| Greater amberjack | 1,924 | 705 | 8,955 | 28,867 | 23,956 | 3,210 | 9,143 | 8,907 | 1,435 | 867 | 372 | 2,777 | 91,118 |
| Grouper, black | 0 | 0 | 0 | 0 | 126 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 126 |
| Grouper, jewfish | 0 | 0 | 0 | 0 | 78 | 84 | 154 | 0 | 0 | 0 | 0 | 0 | 316 |
| Grouper, scamp | 0 | 0 | 0 | 0 | 48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 48 |
| Grouper, unclassified | 54 | 995 | 735 | 993 | 225 | 166 | 11,524 | 9,180 | 419 | 79 | 1,492 | 1,779 | 27,628 |
| Grouper, yellowedge | 0 | 234 | 0 | 0 | 31,693 | 0 | 8,386 | 0 | 0 | 0 | 0 | 25 | 40,313 |
| Grouper, warsaw | 1,593 | 265 | 996 | 0 | 8,082 | 0 | 313 | 457 | 0 | 0 | 576 | 0 | 12,282 |
| Grouper, yellowfin | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kingfish, unclassified | 0 | 0 | 270 | 0 | 176 | 0 | 0 | 78 | 0 | 0 | 0 | 0 | 524 |
| Mackerel, King | 0 | 0 | 0 | 0 | 0 | 0 | 388 | 0 | 0 | 0 | 0 | 0 | 388 |
| Mackerel, Spanish | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mullet, unclassified | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 531 | 0 | 531 |
| Shark, blacktip | 0 | 0 | 0 | 0 | 150 | 0 | 396 | 0 | 0 | 0 | 0 | 0 | 546 |
| Shark, shortfin mako | 171 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 171 |
| Shark, unclassified | 156 | 689 | 321 | 681 | 1,712 | 3,153 | 990 | 1,708 | 47 | 464 | 0 | 0 | 9,921 |
| Sheepshead | 10 | 2,100 | 2,753 | 75 | 114 | 0 | 0 | 0 | 0 | 0 | 40 | 0 | 5,092 |
| Snapper, red | 6,760 | 2,183 | 4,491 | 2,550 | 43,892 | 1,721 | 5,988 | 14,995 | 5,123 | 6,698 | 958 | 7,186 | 102,392 |
| Snapper, unclassified | 0 | 25 | 970 | 85 | 5,564 | 0 | 28 | 10 | 25 | 212 | 0 | 0 | 6,919 |
| Snapper, vermilion | 0 | 0 | 453 | 0 | 83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 442 |
| Swordfish | 2,108 | 0 | 0 | 20 | 0 | 74 | 0 | 0 | 0 | 0 | 0 | 0 | 2,202 |
| Tilefish | 17,534 | 0 | 0 | 0 | 11,094 | 30 | 22,503 | 15,576 | 0 | 0 | 0 | 0 | 66,737 |
| Triggerfish, gray | 0 | 0 | 0 | 0 | 314 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 314 |
| Tuna, blackfin | 44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 44 |
| Tuna, yellowfin | 4,741 | 0 | 0 | 0 | 0 | 276 | 0 | 0 | 0 | 0 | 0 | 0 | 5,017 |
| Tuna, unclassified | 0 | 0 | 0 | 0 | 0 | 170 | 969 | 170 | 0 | 2,166 | 0 | 0 | 3,475 |
| Unclassified food | 0 | 0 | 0 | 0 | 0 | 0 | 265 | 578 | 0 | 0 | 15 | 294 | 1,152 |
| Wahoo | 0 | 0 | 0 | 0 | 95 | 79 | 60 | 0 | 0 | 0 | 0 | 0 | 234 |
| **Total finfish** | 35,458 | 7,432 | 44,024 | 43,799 | 131,715 | 10,746 | 63,353 | 52,288 | 7,610 | 11,022 | 8,598 | 13,987 | 429,883 |
| SHELLFISH | | | | | | | | | | | | | |
| Blue crab | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 500 | 0 | 0 | 500 |
| Shovelnose lobster | 0 | 0 | 32 | 36 | 0 | 24 | 0 | 0 | 0 | 0 | 0 | 0 | 92 |
| Squid, unclassified | 0 | 0 | 55 | 1,322 | 287 | 181 | 17 | 235 | 0 | 0 | 0 | 0 | 2,097 |
| Stone crab | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3,284 | 0 | 3,284 |
| Total Shellfish | 0 | 0 | 87 | 1,358 | 287 | 205 | 17 | 235 | 0 | 500 | 3,284 | 0 | 5,973 |
| Grand total | 35,458 | 7,432 | 44,111 | 45,157 | 132,002 | 10,951 | 63,370 | 52,523 | 7,610 | 11,522 | 11,882 | 13,987 | 435,856 |

Table E.8. Ex-vessel ($) value of each species, except shrimp, landed commercially from Gulf of Mexico grid zone 20.0 during 1988. Data based on MMPR.

| Species | January | February | March | April | May | June | July | August | September | October | November | December | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FINFISH | | | | | | | | | | | | | |
| Black drum | 192 | 0 | 22,299 | 9,130 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 68 | 31,701 |
| Blue fish | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cobia | 0 | 0 | 18 | 93 | 496 | 422 | 721 | 480 | 157 | 48 | 0 | 25 | 2,460 |
| Cusk eel | 0 | 0 | 48 | 72 | 141 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 261 |
| Dolphin | 0 | 0 | 0 | 0 | 104 | 291 | 497 | 57 | 45 | 18 | 0 | 0 | 1,012 |
| Florida pompano | 0 | 0 | 7 | 15 | 5 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 30 |
| Flounder, unclassified | 131 | 142 | 720 | 528 | 3,382 | 552 | 697 | 13 | 184 | 310 | 5,216 | 981 | 12,856 |
| Gafftopsail catfish | 0 | 0 | 0 | 0 | 40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 |
| Greater amberjack | 2,400 | 529 | 5,929 | 18,231 | 12,213 | 2,166 | 5,393 | 8,094 | 1,168 | 847 | 320 | 3,041 | 60,331 |
| Grouper, black | 0 | 0 | 0 | 0 | 160 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 160 |
| Grouper, jewfish | 0 | 0 | 0 | 0 | 98 | 96 | 193 | 0 | 0 | 0 | 0 | 0 | 387 |
| Grouper, scamp | 0 | 0 | 0 | 0 | 55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 55 |
| Grouper, unclassified | 81 | 1,248 | 843 | 1,371 | 209 | 191 | 9,159 | 13,554 | 567 | 73 | 2,387 | 2,611 | 32,284 |
| Grouper, yellowedge | 0 | 304 | 0 | 0 | 39,240 | 0 | 9,160 | 0 | 0 | 0 | 0 | 0 | 48,704 |
| Grouper, warsaw | 1,961 | 333 | 867 | 0 | 6,658 | 0 | 299 | 562 | 0 | 0 | 415 | 22 | 11,095 |
| Grouper, yellowfin | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kingfish, unclassified | 0 | 0 | 70 | 0 | 39 | 0 | 0 | 74 | 0 | 0 | 0 | 0 | 183 |
| Mackerel, King | 0 | 0 | 0 | 0 | 0 | 0 | 338 | 0 | 0 | 0 | 0 | 0 | 338 |
| Mackerel, Spanish | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mullet, unclassified | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 53 | 0 | 53 |
| Shark, blacktip | 0 | 0 | 0 | 0 | 113 | 0 | 202 | 0 | 0 | 0 | 0 | 0 | 315 |
| Shark, shortfin mako | 142 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Shark, unclassified | 56 | 276 | 158 | 413 | 833 | 1,813 | 349 | 846 | 32 | 80 | 0 | 0 | 4,856 |
| Sheepshead | 6 | 735 | 1,189 | 32 | 25 | 0 | 0 | 0 | 0 | 0 | 14 | 0 | 2,001 |
| Snapper, red | 13,893 | 3,741 | 9,216 | 5,743 | 64,654 | 3,197 | 10,471 | 30,143 | 10,195 | 7,685 | 971 | 12,723 | 172,322 |
| Snapper, unclassified | 0 | 25 | 1,872 | 174 | 9,504 | 0 | 39 | 12 | 43 | 424 | 0 | 0 | 12,093 |
| Snapper, vermilion | 0 | 0 | 456 | 0 | 110 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 566 |
| Swordfish | 6,120 | 0 | 0 | 77 | 0 | 259 | 0 | 0 | 0 | 0 | 0 | 0 | 6,456 |
| Tilefish | 22,009 | 0 | 0 | 0 | 10,717 | 38 | 22,740 | 17,912 | 0 | 0 | 0 | 0 | 73,416 |
| Triggerfish, gray | 0 | 0 | 0 | 0 | 160 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 160 |
| Tuna, blackfin | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 |
| Tuna, yellowfin | 6,809 | 0 | 0 | 0 | 0 | 0 | 657 | 0 | 0 | 0 | 0 | 0 | 7,466 |
| Tuna, unclassified | 0 | 0 | 0 | 0 | 0 | 153 | 758 | 34 | 0 | 1,225 | 0 | 0 | 2,170 |
| Unclassified food | 0 | 0 | 0 | 0 | 0 | 0 | 241 | 232 | 0 | 0 | 7 | 347 | 827 |
| Wahoo | 0 | 0 | 0 | 0 | 82 | 103 | 51 | 0 | 0 | 0 | 0 | 0 | 236 |
| Total finfish | 53,820 | 7,383 | 43,692 | 35,879 | 148,802 | 9,938 | 61,320 | 72,013 | 12,381 | 10,713 | 9,383 | 19,796 | 484,851 |
| SHELLFISH | | | | | | | | | | | | | |
| Blue crab | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 230 | 0 | 0 | 230 |
| Shovelnose lobster | 0 | 0 | 128 | 68 | 0 | 60 | 0 | 0 | 0 | 0 | 0 | 0 | 256 |
| Squid, unclassified | 0 | 0 | 44 | 343 | 72 | 91 | 4 | 106 | 0 | 0 | 0 | 0 | 660 |
| Stone crab | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,200 | 0 | 2,200 |
| Total Shellfish | 0 | 0 | 172 | 411 | 72 | 151 | 4 | 106 | 0 | 230 | 2,200 | 0 | 3,346 |
| Grand total | 53,820 | 7,383 | 43,864 | 36,290 | 148,874 | 10,089 | 61,324 | 72,119 | 12,391 | 10,943 | 17,583 | 19,796 | 488,342 |

Table E.9. Weight (lb) of each species, except shrimp, landed commercially from Gulf of Mexico grid zone 21.0 during 1988. Data based on MMPR.

| Species | January | February | March | April | May | June | July | August | September | October | November | December | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **FINFISH** | | | | | | | | | | | | | |
| Black drum | 4,907 | 4,790 | 200 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9,897 |
| Cobia | 0 | 13 | 0 | 0 | 0 | 98 | 0 | 0 | 0 | 35 | 15 | 0 | 161 |
| Dolphin | 0 | 0 | 0 | 0 | 0 | 0 | 82 | 30 | 132 | 5 | 0 | 33 | 282 |
| Florida pompano | 7 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 |
| Flounder, unclassified | 41 | 71 | 0 | 0 | 25 | 12 | 43 | 0 | 34 | 209 | 21 | 409 | 865 |
| Greater amberjack | 1,510 | 1,370 | 40 | 620 | 627 | 93 | 1,156 | 547 | 2,379 | 2,579 | 1,623 | 2,990 | 15,198 |
| Grouper, scamp | 189 | 170 | 72 | 168 | 97 | 0 | 95 | 0 | 182 | 559 | 17 | 71 | 1,620 |
| Grouper, unclassified | 67 | 0 | 18 | 454 | 107 | 0 | 1,161 | 1,848 | 697 | 1,119 | 217 | 135 | 5,823 |
| Grouper, warsaw | 303 | 342 | 128 | 963 | 1,569 | 35 | 451 | 575 | 1,138 | 2,324 | 1,292 | 1,365 | 10,485 |
| Grouper, yellowedge | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 210 | 210 |
| Grouper, yellowfin | 18 | 28 | 5 | 298 | 5,952 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6,301 |
| Kingfish, unclassified | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 620 | 0 | 0 | 620 |
| Shark, unclassified | 806 | 177 | 1,025 | 22 | 1,000 | 0 | 262 | 1,119 | 1,548 | 1,074 | 7 | 254 | 7,294 |
| Sheepshead | 575 | 70 | 4,421 | 2 | 1 | 0 | 3 | 5 | 0 | 6 | 1 | 23 | 5,107 |
| Snapper, lane | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Snapper, red | 8,989 | 10,404 | 4,022 | 10,789 | 10,069 | 966 | 21,302 | 29,694 | 41,552 | 81,603 | 6,570 | 46,683 | 272,643 |
| Snapper, unclassified | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15,725 | 0 | 15,725 |
| Snapper, vermilion | 450 | 252 | 20 | 651 | 1,384 | 0 | 497 | 99 | 1,276 | 727 | 367 | 501 | 6,224 |
| Snapper, yellowtail | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Swordfish | 0 | 0 | 0 | 0 | 0 | 0 | 460 | 0 | 223 | 1,345 | 428 | 1,804 | 4,260 |
| Triggerfish, gray | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 103 | 0 | 16 | 119 |
| Tuna, unclassified | 12,682 | 0 | 0 | 0 | 0 | 0 | 11,951 | 2,347 | 1,462 | 1,809 | 173 | 533 | 30,957 |
| Tuna, yellowfin | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Unclassified food | 0 | 20 | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 0 | 36 | 21 | 86 |
| Wahoo | 0 | 0 | 0 | 0 | 0 | 0 | 434 | 76 | 24 | 87 | 0 | 0 | 621 |
| Total finfish | 30,544 | 17,711 | 9,951 | 13,911 | 20,831 | 1,204 | 37,906 | 36,220 | 50,647 | 94,204 | 26,492 | 55,048 | 394,509 |
| **SHELLFISH** | | | | | | | | | | | | | |
| Blue crab | 0 | 250 | 0 | 0 | 104 | 117 | 222 | 0 | 0 | 103 | 105 | 0 | 901 |
| Squid, unclassified | 40 | 364 | 66 | 0 | 158 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 628 |
| Stone crab | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Shellfish | 40 | 614 | 66 | 0 | 262 | 117 | 222 | 0 | 0 | 103 | 105 | 0 | 1,529 |
| Grand total | 30,584 | 18,325 | 10,017 | 13,911 | 21,093 | 1,321 | 38,128 | 36,220 | 50,647 | 94,307 | 26,597 | 55,048 | 396,301 |

Table E.10. Ex-vessel ($) value of each species, except shrimp, landed commercially from Gulf of Mexico grid zone 21.0 during 1988. Data based on MNPR.

| Species | January | February | March | April | May | June | July | August | September | October | November | December | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **FINFISH** | | | | | | | | | | | | | |
| Black drum | 2,944 | 3,832 | 400 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7,176 |
| Cobia | 0 | 13 | 0 | 0 | 0 | 98 | 0 | 0 | 0 | 33 | 11 | 0 | 155 |
| Dolphin | 0 | 0 | 0 | 0 | 0 | 0 | 103 | 38 | 146 | 5 | 0 | 33 | 325 |
| Florida pompano | 11 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19 |
| Flounder, unclassified | 57 | 63 | 0 | 0 | 36 | 18 | 65 | 0 | 51 | 273 | 26 | 425 | 1,014 |
| Greater amberjack | 820 | 762 | 20 | 307 | 314 | 0 | 806 | 214 | 1,481 | 1,566 | 990 | 2,032 | 9,249 |
| Grouper, scamp | 189 | 170 | 65 | 84 | 49 | 0 | 48 | 0 | 91 | 280 | 9 | 40 | 1,025 |
| Grouper, unclassified | 84 | 0 | 27 | 545 | 161 | 60 | 1,522 | 2,768 | 1,010 | 1,514 | 305 | 153 | 8,084 |
| Grouper, warsaw | 152 | 225 | 134 | 574 | 825 | 53 | 367 | 404 | 672 | 1,363 | 683 | 777 | 6,229 |
| Grouper, yellowedge | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 281 | 281 |
| Grouper, yellowfin | 18 | 28 | 5 | 268 | 5,357 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5,676 |
| Kingfish, unclassified | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 186 | 0 | 0 | 186 |
| Shark, unclassified | 382 | 57 | 268 | 4 | 200 | 0 | 183 | 408 | 399 | 500 | 4 | 51 | 2,456 |
| Sheepshead | 121 | 27 | 884 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 5 | 1,040 |
| Snapper, lane | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Snapper, red | 13,611 | 17,554 | 6,935 | 16,740 | 15,903 | 2,270 | 48,100 | 68,706 | 84,294 | 149,515 | 11,393 | 88,874 | 523,896 |
| Snapper, unclassified | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31,450 | 0 | 31,450 |
| Snapper, vermilion | 450 | 252 | 20 | 651 | 1,384 | 0 | 497 | 99 | 1,276 | 727 | 492 | 615 | 6,463 |
| Snapper, yellowtail | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Swordfish | 0 | 0 | 0 | 0 | 0 | 0 | 1,610 | 0 | 613 | 3,564 | 1,434 | 6,945 | 14,166 |
| Triggerfish, gray | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 0 | 3 | 29 |
| Tuna, unclassified | 36,271 | 0 | 0 | 0 | 0 | 0 | 17,927 | 2,347 | 2,924 | 2,199 | 173 | 1,214 | 63,055 |
| Tuna, yellowfin | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Unclassified food | 0 | 20 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 18 | 11 | 51 |
| Wahoo | 0 | 0 | 0 | 0 | 0 | 0 | 543 | 95 | 30 | 74 | 0 | 0 | 742 |
| **Total finfish** | 55,110 | 23,011 | 8,758 | 19,148 | 24,229 | 2,439 | 71,769 | 75,080 | 92,987 | 161,827 | 46,988 | 101,459 | 682,767 |
| **SHELLFISH** | | | | | | | | | | | | | |
| Blue crab | 0 | 263 | 0 | 0 | 84 | 129 | 244 | 0 | 0 | 113 | 105 | 0 | 938 |
| Squid, unclassified | 20 | 109 | 33 | 0 | 79 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 241 |
| Stone crab | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total Shellfish** | 20 | 372 | 33 | 0 | 163 | 129 | 244 | 0 | 0 | 113 | 105 | 0 | 1,179 |
| **Grand total** | 55,130 | 23,383 | 8,791 | 19,148 | 24,392 | 2,568 | 72,013 | 75,080 | 92,987 | 161,940 | 47,093 | 101,459 | 683,946 |

Table E.11. Weight (lb) of each shrimp species (heads-on) landed commercially from the Gulf of Mexico during 1988. Data based on NMFS.

| Month | Brown and Pink | White | Other | Total |
|---|---|---|---|---|
| January | 1,010,530 | 66,531 | 25,987 | 1,103,048 |
| February | 1,412,571 | 92,998 | 91,626 | 1,597,195 |
| March | 646,044 | 107,422 | 372,350 | 1,125,816 |
| April | 911,642 | 201,646 | 996,535 | 2,109,823 |
| May | 2,128,889 | 275,394 | 1,064,467 | 3,468,750 |
| June | 3,540,962 | 347,696 | 1,109,996 | 4,998,654 |
| July | 12,274,501 | 338,357 | 195,155 | 12,808,013 |
| August | 8,405,779 | 842,386 | 9,019 | 9,257,184 |
| September | 4,969,227 | 1,886,984 | 11,835 | 6,868,046 |
| October | 5,322,326 | 2,578,932 | 104,108 | 8,005,366 |
| November | 3,382,985 | 1,720,212 | 436,869 | 5,540,066 |
| December | 2,911,599 | 623,334 | 249,065 | 3,783,998 |
| Total | 46,914,467 | 9,081,492 | 4,667,012 | 60,662,971 |

Table E.12. Ex-vessel value ($) of each shrimp species (heads-on) landed commercially from the Gulf of Mexico during 1988. Data based on NMFS.

| Month | Brown and Pink | White | Other | Total |
|---|---|---|---|---|
| January | 3,198,048 | 131,309 | 19,463 | 3,348,820 |
| February | 4,516,318 | 214,682 | 65,298 | 4,796,298 |
| March | 2,312,802 | 211,574 | 232,849 | 2,757,225 |
| April | 2,839,987 | 610,796 | 668,262 | 4,119,045 |
| May | 5,267,476 | 1,147,898 | 479,900 | 6,895,274 |
| June | 7,115,647 | 1,447,433 | 534,313 | 9,097,393 |
| July | 22,688,357 | 1,486,557 | 93,190 | 24,268,104 |
| August | 20,033,280 | 1,418,448 | 4,293 | 21,456,021 |
| September | 14,523,731 | 4,037,547 | 5,895 | 18,567,173 |
| October | 16,623,272 | 6,953,948 | 63,699 | 23,640,919 |
| November | 10,757,788 | 4,014,932 | 248,215 | 15,020,935 |
| December | 9,231,418 | 1,547,569 | 129,247 | 10,908,234 |
| Total | 119,102,748 | 23,222,433 | 2,544,624 | 144,871,500 |

Appendix F. Weight (lb) and ex-vessel value ($) of menhaden caught off Texas but landed commercially in Louisiana during 1977-1988.

Table F.1. Total weight (lb x 1000) and ex-vessel value ($ x 1000) of menhaden (*Brevoortia* sp.) caught off Texas but landed commercially in Louisiana during 1977-1988. Data based on 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 |

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 1977-1988.

Table G.1. Total weight (lb x 1000) and ex-vessel value ($ x 1000) of commercial landings of Eastern oyster meat from private oyster leases in Texas bays during 1977-1988. Data based on annual oyster location lease reports of private oyster leaseholders.

| Year | Total number of leases | Total leased acreage | 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 |

Table G.2. Total weight (lb x 1000) of Eastern oyster meat transplanted to private oyster leases in Texas bay systems during 1978[a]-1988. Data based on weekly oyster transplant reports submitted to TPWD by oyster leaseholders.

| Year | Months | | | | | | | | | | | | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | January | February | March | April | May | June | July | August | September | October | November | December | |
| 1978 | 0 | 0 | 0 | 0 | 378.0 | 35.0 | 0 | 353.5 | 245.0 | 0 | 0 | 0 | 1,011.5 |
| 1979 | 0 | 0 | 0 | 0 | 582.8 | 0 | 0 | 271.3 | 24.5 | 0 | 0 | 0 | 878.5 |
| 1980 | 0 | 0 | 0 | 0 | 355.3 | 61.3 | 0 | 141.8 | 0 | 0 | 0 | 0 | 558.3 |
| 1981 | 0 | 0 | 0 | 0 | 656.3 | 124.3 | 0 | 185.5 | 318.5 | 0 | 0 | 0 | 1,284.5 |
| 1982 | 0 | 0 | 0 | 0 | 372.8 | 7.0 | 0 | 435.8 | 21.0 | 0 | 0 | 0 | 836.5 |
| 1983 | 0 | 0 | 0 | 0 | 871.5 | 432.3 | 0 | 493.5 | 236.3 | 0 | 0 | 0 | 2,033.5 |
| 1984 | 0 | 0 | 0 | 341.3 | 484.8 | 0 | 0 | 761.3 | 283.5 | 0 | 0 | 0 | 1,870.8 |
| 1985 | 0 | 0 | 0 | 0 | 693.0 | 448.0 | 273.0 | 502.3 | 99.8 | 0 | 0 | 0 | 2,016.0 |
| 1986 | 0 | 0 | 0 | 0 | 1,436.9 | 402.3 | 530.5 | 530.4 | 442.0 | 123.3 | 0 | 0 | 3,465.4 |
| 1987 | 0 | 0 | 0 | 0 | 1,025.6 | 338.4 | 340.7 | 251.6 | 189.4 | 146.3 | 0 | 0 | 2,292.1 |
| 1988 | 0 | 0 | 0 | 0 | 1,424.3 | 360.8 | 0 | 80.5 | 73.9 | 4.9 | 0 | 0 | 1,988.5 |

[a]Data prior to 1978 not available.

Table G.3. Total weight (lb x 1000) of Eastern oyster meat landed from private oyster leases in Texas bay systems during 1978[a]-1988. Data based on monthly oyster harvest reports submitted to TPWD by oyster leaseholders.

| Year | Months | | | | | | | | | | | | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | January | February | March | April | May | June | July | August | September | October | November | December | |
| 1978 | 60.6 | 49.8 | 58.0 | 55.1 | 13.5 | 65.1 | 83.5 | 25.7 | 41.9 | 53.9 | 1.6 | 0 | 508.7 |
| 1979 | 0.4 | 1.4 | 0.7 | 0 | 0 | 0 | 6.2 | 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 | 502.3 |
| 1983 | 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 | 6.8 | 42.4 | 84.1 | 83.0 | 58.4 | 40.3 | 65.0 | 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 | 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 | 774.5 |

[a]Data prior to 1978 not available.

Appendix H. Number of commercial licenses sold in Texas in each fiscal year (September-August) from 1956 through 1988.

Table H.1. Number of commercial dealer licenses sold in Texas in each fiscal year from 1956 through 1988[a]. The sale of a license occurs when money is received in Austin.

| Fiscal year | Retail Fish[b] Large | Retail Fish[b] Medium | Retail Fish[b] Small | Retail fish truck | Retail oyster | Bait | Wholesale fish | Wholesale fish truck | Shrimp house operator | Bait shrimp | Menhaden fish plant |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1956 | 2,675 | 1,444 | 3,888 | 75 | 0 | 3,936 | 157 | 96 | 0 | 0 | 0 |
| 1957 | 2,691 | 1,425 | 3,841 | 80 | 0 | 3,533 | 155 | 88 | 0 | 0 | 0 |
| 1958 | 2,792 | 1,376 | 3,639 | 84 | 0 | 4,391 | 1,450 | 76 | 0 | 0 | 0 |
| 1959 | 2,809 | 1,593 | 3,963 | 84 | 0 | 5,007 | 171 | 73 | 6 | 25 | 0 |
| 1960 | 3,163 | 1,491 | 3,775 | 86 | 0 | 4,043 | 175 | 81 | 18 | 582 | 0 |
| 1961 | 3,390 | 1,499 | 3,482 | 78 | 12 | 3,865 | 185 | 87 | 9 | 528 | 2 |
| 1962 | 3,388 | 1,549 | 3,564 | 63 | 0 | 3,421 | 187 | 72 | 10 | 502 | 5 |
| 1963 | 3,414 | 1,594 | 3,437 | 88 | 2 | 3,192 | 201 | 83 | 16 | 500 | 1 |
| 1964 | 3,485 | 1,650 | 3,688 | 76 | 0 | 3,260 | 205 | 69 | 29 | 476 | 3 |
| 1965 | 3,435 | 1,598 | 3,585 | 73 | 1 | 3,034 | 209 | 71 | 36 | 412 | 2 |
| 1966 | 3,467 | 1,617 | 3,559 | 65 | 0 | 2,968 | 234 | 78 | 28 | 417 | 1 |
| 1967 | 3,433 | 1,573 | 3,492 | 46 | 0 | 3,272 | 227 | 69 | 29 | 416 | 1 |
| 1968 | 3,455 | 1,619 | 3,477 | 57 | 1 | 3,030 | 241 | 74 | 37 | 432 | 1 |
| 1969 | 3,545 | 1,645 | 3,441 | 50 | 0 | 3,071 | 203 | 67 | 31 | 405 | 1 |
| 1970 | 3,574 | 1,599 | 3,481 | 53 | 0 | 3,169 | 211 | 62 | 33 | 408 | 1 |
| 1971 | 3,639 | 1,585 | 3,418 | 73 | 0 | 3,214 | 225 | 62 | 34 | 397 | 1 |
| 1972 | 3,761 | 1,518 | 3,382 | 97 | 0 | 3,146 | 219 | 52 | 33 | 439 | 1 |
| 1973 | 3,694 | 1,551 | 3,363 | 122 | 0 | 2,928 | 219 | 65 | 33 | 430 | 1 |
| 1974 | 3,721 | 1,481 | 2,794 | 167 | 0 | 2,471 | 251 | 54 | 27 | 417 | 0 |
| 1975 | 3,639 | 1,438 | 2,725 | 436 | 0 | 2,692 | 250 | 58 | 26 | 417 | 0 |
| 1976 | 3,513 | 1,449 | 2,717 | 490 | 0 | 3,000 | 241 | 54 | 27 | 423 | 0 |
| 1977 | 3,002 | 1,330 | 2,703 | 599 | 0 | 3,019 | 260 | 67 | 25 | 422 | 0 |
| 1978 | 2,919 | 1,301 | 2,718 | 789 | 0 | 2,994 | 260 | 77 | 27 | 420 | 0 |
| 1979 | 2,818 | 1,211 | 2,668 | 602 | 1 | 2,874 | 254 | 60 | 28 | 477 | 0 |
| 1980 | 2,524 | 1,174 | 2,494 | 541 | 1 | 2,856 | 265 | 44 | 30 | 477 | 0 |
| 1981 | 2,481 | 1,153 | 2,370 | 885 | 3 | 2,773 | 254 | 52 | 27 | 500 | 0 |
| 1982 | 2,256 | 1,147 | 2,246 | 1,287 | 2 | 2,831 | 307 | 83 | 29 | 520 | 0 |
| 1983 | 4,755 | 1,108 | 2,222 | 1,175 | 3 | 2,980 | 329 | 108 | 47 | 692 | 0 |
| 1984[c] | 6,009 | | | 980 | 0 | 2,975 | 394 | 72 | 33 | 569 | 0 |
| 1985 | 2,683 | | | 932 | 0 | 1,393 | 251 | 72 | 19 | 380 | 0 |
| 1986 | 6,356 | | | 1,071 | 0 | 4,062 | 465 | 92 | 37 | 620 | 0 |
| 1987 | 4,005 | | | 907 | | 2,730 | 374 | 97 | 32 | 495 | 0 |
| 1988 | 4,164 | | | 793 | 0 | 2,682 | 478 | 97 | 23 | 526 | 0 |

[a] License data are not additive across columns for any row since dealers may have multiple licenses.
[b] Large =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.
[c] Beginning 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 1988. The sale of a license occurs when money is received in Austin.

| | | | General | | | | Finfish | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Resident[a] | | Non-Resident[b] | | | | | |
| Fiscal year | Tidal water | Red drum | Fisherman | Vessel | Fisherman | Vessel | Resident | Non-resident[b] | Menhaden only | Import |
| 1956 | | | 10,382 | | | | | | | |
| 1957 | | | 10,072 | | | | | | | |
| 1958 | | | 15,554 | | | | | | | |
| 1959 | | | 16,538 | | | | | | | |
| 1960 | | | 18,695 | | | | | | | |
| 1961 | | | 23,634 | | | | | | | |
| 1962 | | | 23,497 | | | | | | | |
| 1963 | | | 27,617 | | | | | | | |
| 1964 | | | 28,586 | | | | | | | |
| 1965 | | | 27,428 | | | | | | | |
| 1966 | | | 28,461 | | | | | | | |
| 1967 | | | 30,902 | | | | | | | |
| 1968 | | | 25,278 | | | | | | | |
| 1969 | | | 27,757 | | | | | | | |
| 1970 | | | 31,642 | | | | | | | |
| 1971 | | | 34,268 | | | | | | | |
| 1972 | | | 36,498 | | | | | | | |
| 1973 | | | 38,007 | | | | | | | |
| 1974 | | | 33,342 | | | | | | | |
| 1975 | | | 27,289 | | | | | | | |
| 1976 | | | 26,651 | | | | | | | |
| 1977 | | | 27,134 | | | | | | | |
| 1978 | | 541 | 28,653 | | | | | | | |
| 1979 | 30,644 | 605 | 5,182 | | | | | | | |
| 1980 | 2,127 | 636 | 19,945 | 0 | 2,291 | | 1,987 | 46 | 558 | |
| 1981 | 52 | 635 | 14,309 | 2,626 | 3,491 | | 1,680 | 444 | 80 | |
| 1982 | | | 13,468 | 2,697 | 3,990 | | 632 | 16 | 0 | 336 |
| 1983 | | | 15,492 | 3,417 | 4,021 | | 668 | 31 | 0 | 268 |
| 1984 | | | 13,887 | 2,926 | 6,656 | | 482 | 12 | 0 | 198 |
| 1985 | | | 9,291 | 2,008 | 4,142 | | 445 | 26 | 0 | 190 |
| 1986 | | | 11,829 | 2,633 | 2,781 | 491 | 499 | 48 | 0 | 200 |
| 1987 | | | 11,042 | 2,134 | 1,751 | 997 | 491 | 24 | 26 | 193 |
| 1988 | | | 10,133 | 2,141 | 1,393 | 831 | 580 | 19 | 25 | 158 |

[a] Until 1979 there were no divisions in the General Commercial Fishing Licenses.
[b] Total 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 1988. The sale of a license occurs when money is received in Austin. Total non-resident licenses sold are within parentheses.

| Fiscal year | Saltwater trotline tags | Seine tags | 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 | 16,204 | 13,893 | 195 | 0 |
| 1973 | 18,390 | 15,312 | 126 | 0 |
| 1974 | 22,623 | 17,282 | 99 | 0 |
| 1975 | 17,554 | 16,721 | 40 | 0 |
| 1976 | 17,904 | 17,306 | 16 | 0 |
| 1977 | 18,500 | 15,983 | 72 | 0 |
| 1978 | 14,716 | 14,810 | 59 | 0 |
| 1979 | 16,212 | 17,270 | 58 | 2 |
| 1980 | 16,868 | 13,958 | 52 | 8 |
| 1981 | 18,061 | 9,707 | 109 | 1 |
| 1982 | 16,625 | 8,013 | 103 | 2 |
| 1983 | 15,714 | 8,283 | 244 | 0 |
| 1984 | 9,518 | 6,551 | 250 | 1 |
| 1985 | 7,648 | 7,006 | 102 | 0 |
| 1986 | 8,460 | 7,339 | 137 | 1 |
| 1987 | 9,064 | 6,655 | 221 | 2 |
| 1988 | 9,810 | 7,208 | 870 (73) | 0 |

[a]Commercial oyster dredge license not required for fishermen holding commercial bay or bait shrimp boat licenses from 1971 through 1987.

Table H.4. Number of commercial saltwater boat and vessel licenses sold in Texas in each fiscal year from 1956 through 1988[a]. The sale of a license occurs when money is received in Austin. Total non-resident licenses sold are within parentheses.

| Fiscal year | Fishing boat | Fishing Boat (menhaden only) | Gulf shrimp | Bay shrimp | Bay-bait shrimp boat | Bait shrimp boat | Duplicate commercial shrimp boat plates |
|---|---|---|---|---|---|---|---|
| 1956 | 1,392 | 39 | 0 | 0 | 0 | 0 | 0 |
| 1957 | 1,535 | 36 | 0 | 0 | 0 | 0 | 0 |
| 1958 | 2,466 | 36 | 0 | 0 | 0 | 0 | 0 |
| 1959 | 2,657 | 47 | 125 | 0 | 0 | 0 | 0 |
| 1960 | 2,280 | 21 | 1,755 | 0 | 1,846 | 0 | 0 |
| 1961 | 1,616 | 24 | 1,947 | 0 | 2,506 | 0 | 0 |
| 1962 | 1,396 | 24 | 1,655 | 0 | 2,456 | 0 | 0 |
| 1963 | 1,314 | 13 | 1,636 | 24 | 3,328 | 0 | 0 |
| 1964 | 1,380 | 17 | 1,958 | 1,849 | | 1,196 | 0 |
| 1965 | 1,236 | 26 | 1,958 | 2,217 | | 1,321 | 0 |
| 1966 | 1,147 | 22 | 1,947 | 1,969 | | 1,460 | 0 |
| 1967 | 1,029 | 27 | 2,140 | 1,760 | | 1,752 | 0 |
| 1968 | 997 | 39 | 2,437 | 1,953 | | 632 | 0 |
| 1969 | 978 | 37 | 2,624 | 2,457 | | 768 | 0 |
| 1970 | 1,066 | 36 | 2,871 | 3,218 | | 881 | 0 |
| 1971 | 1,086 | 31 | 2,900 | 3,743 | | 966 | 0 |
| 1972 | 1,330 | 42 | 3,341 | 3,995 | | 1,265 | 0 |
| 1973 | 1,336 | 54 | 3,368 | 3,974 | | 1,365 | 0 |
| 1974 | 1,482 | 45 | 3,239 | 3,747 | | 1,590 | 0 |
| 1975 | 1,277 | 52 | 2,764 | 3,523 | | 1,368 | 0 |
| 1976 | 1,366 | 51 | 2,573 | 2,917 | | 1,406 | 0 |
| 1977 | 1,601 | 36 | 2,881 | 3,232 | | 1,449 | 0 |
| 1978 | 1,386 | 48 | 3,173 | 3,768 | | 1,521 | 0 |
| 1979 | 1,726 | 43 | 3,364 | 4,444 | | 1,752 | 53 |
| 1980 | 1,530 | 33 | 3,308 | 4,473 | | 2,016 | 46 |
| 1981 | 1,268 | 34 | 3,718 | 5,215 | | 2,217 | 58 |
| 1982 | 791 | 38 | 4,046 | 4,479 | | 2,283 | 69 |
| 1983 | 1,087 | 41 | 4,124 | 4,711 | | 2,723 | 53 |
| 1984 | 1,116 | 48 | 4,663 | 4,922 | | 3,103 | 63 |
| 1985 | 807 | 15 | 2,921 | 4,387 | | 2,396 | 49 |
| 1986 | 1,024 | 25 | 3,425 | 3,613 | | 2,680 | 53 |
| 1987 | 1,050 | 26 | 3,038 | 3,402 | | 2,527 | 46 |
| 1988 | 1,260 (55) | 25 | 2,445 | 3,025 (5) | | 2,378(3) | 27 |

[a]License data are not additive across columns for any row since boats may have multiple licenses.

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