

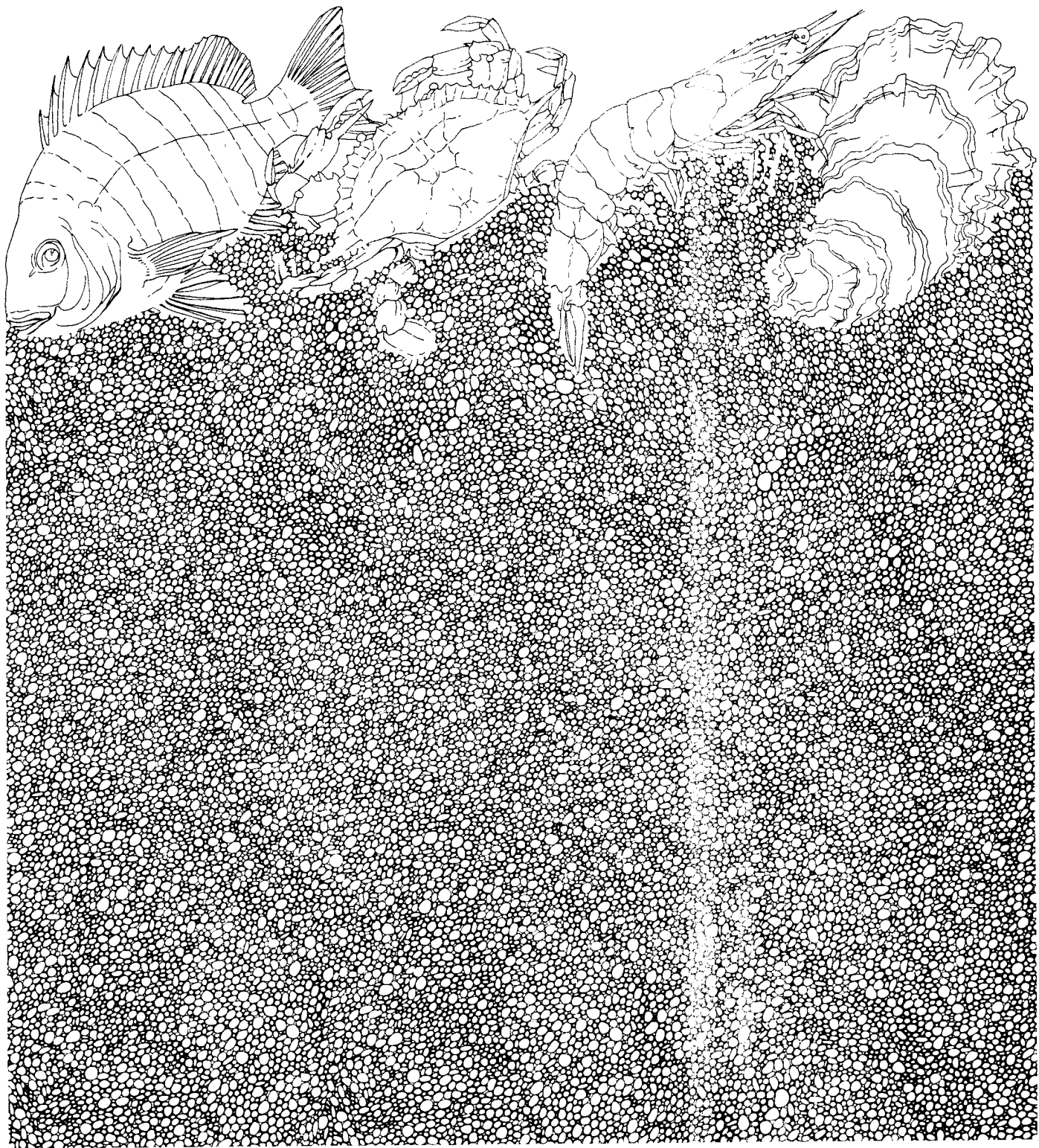
P. G. M. Schmidt

Texas Commercial Harvest Statistics, 1977-1983

by C.L. Hamilton and Gary E. Saul

Management Data Series Number 64
1984

Texas Parks and Wildlife Department
Coastal Fisheries Branch



TEXAS COMMERCIAL HARVEST STATISTICS,
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4200 Smith School Road
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ABSTRACT

The Texas Parks and Wildlife Department in cooperation with the National Marine Fisheries Service conducts a continuing program to collect data on commercially harvested finfishes and shellfishes from Texas bays and from the Gulf of Mexico off Texas.

Shrimp continue to be the most important commercial seafood product in Texas. They comprised 78.5% of the pounds and 91.2% of the value of total landings, while oysters, blue crabs and finfish accounted for 6.0%, 1.7% and 1.1% of the value, respectively, and combined comprised 21.5% of the total pounds landed in 1983. Total reported landings in 1983 amounted to 91,701,861 lb with an ex-vessel value of \$188,018,626. This is the fourth highest poundage recorded since 1977 and the third year in a row of record high value. The previous high value in 1982 was exceeded by over \$2,200,000.

From 1977 to 1983, the mean price/lb paid the commercial fisherman increased for all species except for the "other" shrimp price which decreased \$0.75/lb. Finfish prices increased by \$0.14/lb to \$0.52/lb. Shellfish prices increased by \$0.11/lb to \$0.98/lb.

INTRODUCTION

Commercial landings of marine species from Texas bays and Gulf of Mexico off Texas (Figure 1) have been collected from fish 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 self-reporting system known as the Monthly Marine Products Report (MMPR)(Figure 2) which is completed by seafood dealers. Since 1956, the National Marine Fisheries Service (NMFS) has collected landings data on shrimp through dealer reports and crew interviews (Prytherich 1980) while TPWD continued to collect data for fish, crabs and oysters. Data exchange between agencies permits the compilation of total self-reported landings of marine species.

From 1977-1981, additional landings information including daily catch by species was required of commercial finfish fishermen through the use of Individual Sales Transaction (IST) Forms (Figure 3). The use of the IST form was discontinued in March 1982 by the Texas Parks and Wildlife Commission.

This report presents the landings and economic value of self-reported transactions from seafood dealers and the NMFS collected landings data from 1977 through 1983.

MATERIALS AND METHODS

Seafood dealers were required to complete a MMPR listing the total weight and price paid for each species purchased from commercial fishermen each month. MMPR's were due to the TPWD on or before the 10th day of each month and detailed the preceeding month's transactions. The Division of Statistics-Market News, NMFS collected shrimp (Penaeus sp.) landings data. Shrimp landings reported on MMPR's were provided to NMFS and landings of shrimp and finfish gathered by NMFS, were provided to the TPWD. The scientific names of each species reported and their appropriate grouping by common name is listed in Table 1.

Each MMPR was checked by TPWD personnel for completeness. All seafood products, except oysters, which were not reported in live weight by dealers were converted to live weight (round weight) using conversion factors listed in Appendix A. Oyster landings reported by barrels, bushels, sacks, or gallons were converted to meat weights.

Landings of oysters were reported from owners of private oyster leases through the MMPR's, monthly landings forms submitted to the Seabrook office of TPWD (Figure 4), and annual summary forms (Oyster Location Lease Report)(Figure 5) submitted to the Austin Headquarters of TPWD. In the case of discrepancies between monthly and annual summaries, the highest values for landings were used. Oyster landings presented in this report (except for Appendix G) represent MMPR data only and were comprised of landings from both private leases and public reefs.

Non-reporting of seafood landings was reduced by having TPWD personnel contact persons not identified as seafood dealers, but who were suspected of buying edible marine life directly from commercial fishermen, and requesting them to submit MMPR's.

The Gulf of Mexico shrimp landings at Texas ports as reported to TPWD by the Division of Statistics-Market News, NMFS, may include the harvest of shrimp from waters of other states and countries as well as those of Texas. The NMFS reports shrimp harvests from shrimp fishing grid zones located in particular geographical areas, including Texas, in their publication Gulf Coast Shrimp Data. The monthly shrimp landings for calendar years 1979, 1980, 1981, 1982 and 1983, as reported to TPWD by NMFS are preliminary data and may be revised.

Any differences 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.

RESULTS

Total landings of finfish and shellfish were within the range of those reported from 1977 through 1982. The total value, however, for 1983 was the highest on record for the third consecutive year (Tables 2 and 3). Over 91,700,000 lb of seafood valued at more than \$188,000,000 were commercially harvested and landed in Texas in 1983. Shrimp constituted 78.5% of the pounds (Table 2) and 91.2% of the value (Table 3) of all species landed in 1983. Oysters, blue crabs, and finfish comprised 6.0%, 1.7% and 1.1% of the total economic value, respectively, and combined comprised 21.5% of the total pounds landed in 1983.

Brown shrimp (Penaeus aztecus), pink shrimp (P. duorarum) and white shrimp (P. setiferus) constituted 80.1-91.0% of all shellfish landings in all years (Table 2). From 1977 to 1983, brown and pink shrimp landings have fluctuated between 50,459,300 lb and 78,494,000 lb, while white shrimp landings have ranged from 14,235,300 lb to 21,464,700 lb. The value of brown shrimp and pink shrimp generally increased from \$100,815,900 in 1977 to over \$130,000,000 in 1981 and 1982 (Table 3). The value of white shrimp has ranged from \$24,627,200 in 1977 to \$45,682,780 in 1983. The 1983 oyster landings of 7,940,749 lb valued at \$11,336,666 were the highest landings on record. Blue crab landings (6,952,000 lb-8,953,000 lb) and values (\$1,928,500-\$3,250,268) have remained relatively stable.

From 1977 to 1981 red drum (Sciaenops ocellatus), spotted seatrout (Cynoscion nebulosus) and black drum (Pogonias cromis) constituted 71-73% of all finfish landings. The 67th Legislature prohibited the sale of red drum and spotted seatrout effective 1 September 1981. During calendar year 1983 black drum, flounder (Paralichthys sp.) and snapper (Lutjanidae) constituted 76% of all finfish landings. From 1982 to 1983 landings of black drum increased 243,800 lb (20%), and increased \$188,500 (24%) in value; flounder decreased 61,600 lb (11%) and decreased \$75,800 (15%) in value; and snapper decreased 107,700 lb (29%) and decreased \$285,700 (43%) in value (Tables 2 and 3).

In each year from 1977 to 1983, penaeid shrimp were the primary species landed from the bays and Gulf. In the bays, shrimp constituted 48-61% of the total weight landed and 61-76% of the total value during each year; in the Gulf, shrimp constituted approximately 99% of both the total weight and total value during each year (Tables 4-7). Almost 75% of the pounds of shrimp landed valued at more than \$146,000,000 in 1983 were caught in the Gulf of Mexico; the remainder valued at more than \$24,000,000 were reported caught in Texas bays. Almost 81% of the brown shrimp valued at \$113,000,000 and almost 61% of the white shrimp valued at \$33,000,000 were caught in the Gulf of Mexico in 1983. Over 83% of the total landings of finfishes valued at \$1,400,000 were caught in Texas bays; the remainder valued at \$492,500 were caught in the Gulf of Mexico.

The mean price/lb paid to commercial fishermen increased for all species from 1977 to 1983 except for "other" shrimp which decreased from \$1.11/lb in 1977 to \$0.36/lb in 1983 (Table 8). Of the finfish species the price for snapper was the highest and increased \$0.52/lb followed by black drum and flounder with a \$0.37/lb and \$0.39/lb increase, respectively. Sheepshead (Archosargus probatocephalus) increased \$0.14/lb. The price paid for brown shrimp and pink shrimp increased \$0.98/lb and the price paid for white shrimp increased \$0.80/lb. The price paid for blue crab and oyster meat increased \$0.11/lb and \$0.25/lb, respectively.

Weight (lb) and ex-vessel value (\$) of commercial landings reported during calendar years 1977-1983 are presented for Texas bays in Appendix B, and for territorial waters of the Gulf of Mexico in Appendix C.

Monthly summaries of bay and Texas territorial waters of the Gulf of Mexico landings and value during calendar year 1983 are presented in Appendices D, E, and F.

Annual landings of oyster meats from private oyster leases in Texas bays during calendar years 1977-1983 are presented in Appendix G.

The number of commercial licenses sold in Texas in each fiscal year (September-August) from 1956 through 1983 are contained in Appendix H.

DISCUSSION

Commercial fishing continues to be an important industry in Texas. Approximately 90,000,000 pounds of landed seafood worth about \$150,000,000 in ex-vessel value alone are reported annually. Using an expansion factor of 3 (Grubb 1973), the total annual economic impact of this industry at the wholesale level in Texas approximates one-half billion dollars.

Brown shrimp is the most valuable single species in the commercial fishery of Texas. 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 in these pooled reports. The inshore fishery relies primarily on white shrimp followed by blue crab, oyster and finfishes.

Although commercial landings data have been used to determine the stability of the resource, several assumptions must be made. The amount of inaccurate or incomplete reporting is typically unknown and must be considered constant when making temporal or spatial comparisons. The reliability of this assumption is, at best, questionable. A change in the reporting requirements can affect the amount of non-reporting and, thus, the reliability of conclusions about the stability of the resource is doubtful. 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). A comparison study in Texas between commercial fishermen survey interview data and self-reported commercial data showed similarities between total landings and species composition but no correspondence between the two data collection methods for catch per effort, gear selectivity, or size composition (Green and Thompson 1981). These inconsistencies limit the use of commercial data for fisheries management purposes.

LITERATURE CITED

- Chin, Edward. 1960. The bait shrimp fishery of Galveston Bay, Texas. *Trans. Amer. Fish. Soc.*, 89(2):135-141.
- Christmas, J. Y., and D. J. Etzold, eds. 1977. The shrimp fishery of the Gulf of Mexico United States: a regional management plan. *Gulf Coast Res. Lab., Tech. Rept. Ser., No. 2.* 128 pp.
- Cushing, D. H. 1970. *Fisheries biology: a study in population dynamics.* Univ. of Wisconsin Press., Madison, Wisc. 200 pp.
- Game, Fish and Oyster Commission. 1937. *Annual Report, Fiscal Year 1936-37.* 80 pp.
- Green, A. W., and K. L. Thompson. 1981. Comparison between reported and estimated commercial finfish landings from the central Texas coast. *Tex. Pks. Wildl. Dept., Coast. Fish. Branch, Mgmt. Data Ser. 20.* 18 pp.
- Grubb, H. W. 1973. *The structure of the Texas economy. Vol. I.* Office of the Governor, Austin, Texas. 202 p.
- Harrington, Richard A., Gary C. Matlock, and James E. Weaver. 1979. Standard-total length, total length-whole weight and dressed-whole weight relationships on related species from Texas bays. *Tex. Pks. Wildl. Dept., Tech. Ser. No. 26.* 6 pp.
- Hofstetter, R. P. 1977. Trends in population levels of the American oyster (*Crassostrea virginica*, Gmelin) on public reefs in Galveston Bay, Texas. *Tex. Pks. Wildl. Dept., Tech. Ser. No. 24.* 90 pp.
- Leary, S. P. 1967. The crabs of Texas. *Tex. Pks. Wildl. Dept., Bull. No. 43.* 57 pp.
- Perrett, W. S., J. E. Weaver, R. O. Williams, P. L. Johansen, T. D. McIlwain, R. D. Raulerson, and W. M. Tatum. 1980. Fishery profiles of red drum and spotted seatrout. *Gulf States Mar. Fish. Rept. No. 6.* 60 pp.
- Prytherch, H. F. 1980. A directory of fishery data collection activities conducted by the Statistical Surveys Division in the southeast region of the United States. *U. S. Dept. of Comm., Natl. Oceanic & Atmosp. Admin., Natl. Mar. Fish. Serv., Southeast Fish. Cntr.* 91 pp.
- Rathjen, W. F. 1973. Northwest Atlantic squids. *Mar. Fish. Rev.* 35(12): 20-26.

Resource Statistics Division. 1980. Fishery statistics of the United States, 1976. U. S. Natl. Mar. Fish. Serv. Stat. Dig. No. 70. 419 pp.

Robins, R. C., R. M. Bailey, C. E. Bond, J. R. Brocker, E. A. Lockner, R. N. Lea, and W. B. Scott. 1980. A list of common and scientific names of fishes from the United States and Canada, 4th ed. Amer. Fish. Sci. Spec. Publ. 12. Bethesda, Md., 174 p.

Figure 1. Map of boundaries and codes of districts, bays and Gulf of Mexico grid areas.

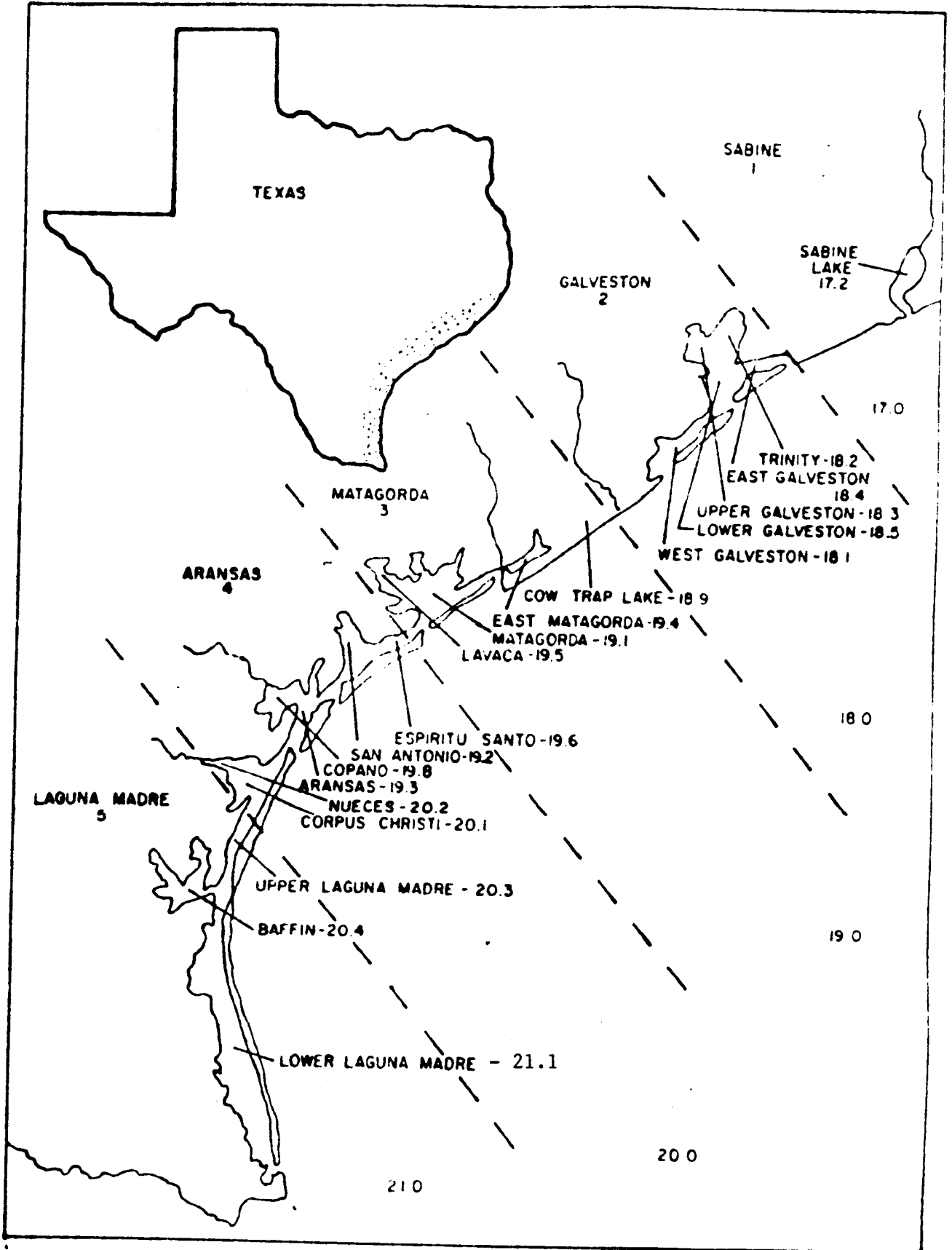


Figure 2. Example of Monthly Marine Products Report (MMPR) form.

Figure 3. Example of Individual Sales Transaction (IST) form.

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

INDIVIDUAL SALES TRANSACTION

- - DATE OF SALE
 MONTH DAY YEAR

1 -
 FORM #

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 COAST
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 20 21 22

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

SPECIES	CODE	POUNDS	PRICE PER LB.		FOR DEALER USE	
			\$	CENTS		
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					
GROUPE (WARSAW)	13					
UNCLASSIFIED FOOD	14					
UNCLASSIFIED SCRAP	15					
CRABS (LIVE WEIGHT)	80					
OTHERS (LIST)						
OYSTER SALES	CODE	QUANTITY (NO. OF UNITS)	PRICE PER UNIT		YIELD IN GALS./UNIT	FOR DEALER USE
OYSTERS IN SACKS	81		\$	CENTS		
OYSTERS IN BUSHELS	82					
OYSTERS IN GALLONS	83					

Figure 4. Example of Monthly Oyster Harvest Report 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 Todville Road, P.O. Box 8, Seabrook, Texas 77586, by the 5th of the following month after harvest of oysters from private lease.

Figure 5. Example of Annual Summary form (Oyster Location Lease Report) submitted to Austin, TPWD.

OYSTER LOCATION LEASE REPORT

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

Leaseholder: _____

Lease Number: _____ Date Filed: _____

Acreage: _____ Annual Rental: _____

Article 4041, Revised Civil Statutes of Texas:

"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 two dollars and twenty-five cents 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 forfeiture 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) ^a	\$ _____
Oyster Sales (_____ barrels @ 10¢ per barrel)	\$ _____
Total Remittance	\$ _____

Signature

Date

FAILURE TO PAY RENTAL ON THIS LEASE BY MARCH 1, 1982 SHALL ANNUL AND BE A FORFEITURE OF THE LEASE ACCORDING TO LAW.

^aThe rental fee was increased to \$3.00 per acre in 1983.

Table 1. List of common and scientific names of species sold by commercial fishermen to dealers in Texas.

Common name	Scientific name ^a
SHELLFISH	
Brown shrimp	<u>Penaeus aztecus</u>
White shrimp	<u>Penaeus setiferus</u>
Pink shrimp	<u>Penaeus duorarum</u>
Other shrimp	
Royal red shrimp	<u>Humenopenaeus robustus</u>
Seabob	<u>Xiphopenaeus kroyeri</u>
Rock shrimp	<u>Sicyonia brevirostris</u>
Oyster	<u>Crassostrea virginica</u>
Blue crab	<u>Callinectes sapidus</u>
Squid	
Brief squid	<u>Lolliguncula brevis</u>
Long-finned squid	<u>Loligo pealei</u>
FINFISH	
Red drum	<u>Sciaenops ocellatus</u>
Spotted seatrout	<u>Cynoscion nebulosus</u>
Black drum	<u>Pogonias cromis</u>
Sand seatrout	
Sand seatrout	<u>Cynoscion arenarius</u>
Silver seatrout	<u>Cynoscion nothus</u>
Flounder	
Southern flounder	<u>Paralichthys lethostigma</u>
Gulf flounder	<u>Paralichthys albiquitta</u>
Atlantic croaker	<u>Micropogonias undulatus</u>
Gafftopsail catfish	<u>Bagre marinus</u>
Sheepshead	<u>Archosargus probatocephalus</u>
Whiting	
Southern kingfish	<u>Menticirrhus americanus</u>
Gulf kingfish	<u>Menticirrhus littoralis</u>
Mullet	
Striped mullet	<u>Mugil cephalus</u>
White mullet	<u>Mugil curema</u>
Florida pompano	<u>Trachinotus carolinus</u>
Cobia	<u>Rachycentron canadum</u>
Grouper	
Yellowedge grouper	<u>Epinephelus flavolimbatus</u>
Jewfish	<u>Epinephelus itajara</u>
Warsaw grouper	<u>Epinephelus nigritus</u>
Nassau grouper	<u>Epinephelus striatus</u>
Black grouper	<u>Mycteroperca bonaci</u>
Yellowmouth grouper	<u>Mycteroperca interstitialis</u>
Scamp	<u>Mycteroperca phenax</u>
Yellowfin grouper	<u>Mycteroperca venenosa</u>

Table 1. (Cont'd).

Common name	Scientific name ^a
Snapper	
Red snapper	<u>Lutjanus campechanus</u>
Vermilion snapper	<u>Rhomboplites aurorubens</u>
Lane snapper	<u>Lutjanus synagris</u>
Mackerel	
Spanish mackerel	<u>Scomberomorus maculatus</u>
King mackerel	<u>Scomberomorus cavalla</u>
Tuna	
Blackfin tuna	<u>Thunnus atlanticus</u>
Bluefin tuna	<u>Thunnus thynnus</u>
Yellowfin tuna	<u>Thunnus albacares</u>
Swordfish	<u>Xiphias gladius</u>
Sharks	
Blacktip	<u>Carcharhinus limbatus</u>
Atlantic sharpnose	<u>Rhizoprionodon terraenovae</u>
Bull	<u>Carcharhinus leucas</u>
Shortfin mako	<u>Isurus ocyrinchus</u>
Great hammerhead	<u>Sphyrna mokarran</u>
Menhaden	
Gulf menhaden	<u>Brevoortia patronus</u>
Finescale menhaden	<u>Brevoortia gunteri</u>

^aScientific names provided by Robins et. al. (1970), Christmas and Etzold (1977), Leary (1967) and Rathjen (1973).

Table 2. Texas commercial finfish and shellfish landings (lb x 1000) for calendar years 1977-1983. Data based on WERS.

Year	Finfish							Shellfish					Grand total				
	Red drum	Spotted seatrout	Black drum	Flounder	Sheepshead	Snapper	Other finfish	Total	Brown and pink	White	Shrimp	Other		Total	Blue crabs	Oysters	Squid
1977	950.8	1,346.8	1,453.5	310.9	293.9	440.0	498.2	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	861.1	1,162.0	1,785.5	237.1	327.9	308.3	424.6	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	690.1	1,020.3	1,531.4	232.4	406.1	214.7	443.3	4,548.3	50,459.3	16,474.2	719.2	67,632.7	8,311.5	888.8	0.9	76,853.9	81,402.2
1980	1,114.4	978.1	1,058.4	194.9	473.5	231.6	300.2	4,351.1	58,332.0	14,235.3	1,330.2	73,897.5	8,953.0	1,738.5	0	84,589.0	88,940.1
1981	613.3	645.8	643.8	130.5	202.8	165.9	254.4	2,676.5	78,494.0	16,140.5	1,075.7	95,730.2	6,952.0	1,389.4	0	104,071.6	106,748.1
1982	0	0	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	0	0	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	7,940.7	7.8	88,771.3	91,701.8

NOTE: Shrimp landings are furnished to TPWD by WERS, Division of Statistics-Market News, Galveston, Texas, and are preliminary.

Table 3. Texas commercial finfish and shellfish ex-vessel value (\$ x 1000) for calendar years 1977-1983. Data based on WERS.

Year	Finfish							Shellfish					Grand total				
	Red drum	Spotted seatrout	Black drum	Flounder	Sheepshead	Snapper	Other	Total	Brown and pink	White	Shrimp	Other		Total	Blue crabs	Oysters	Squid
1977	511.5	723.2	399.8	170.8	28.8	470.9	84.2	2,339.2	100,815.9	24,627.2	235.2	125,678.3	1,946.7	2,991.7	4.2	130,620.9	132,940.1
1978	592.7	769.2	607.5	173.2	39.2	403.5	85.8	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	574.3	882.8	602.3	190.1	55.8	261.6	81.5	2,648.4	117,373.3	34,687.5	381.0	152,305.8	2,146.1	1,048.7	0.2	155,500.8	158,149.2
1980	1,024.8	941.2	539.8	153.7	66.5	331.3	58.5	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	695.4	737.9	378.1	136.3	42.0	267.8	54.1	2,313.6	133,226.9	31,774.9	317.9	165,319.7	1,928.5	2,150.7	0	169,396.9	171,712.5
1982	0	0	782.5	521.4	79.7	649.2	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	0	0	971.0	445.6	66.0	383.5	118.5	1,904.6	125,430.4	43,682.8	330.6	171,443.8	3,250.3	11,338.7	3.2	186,034.0	188,018.6

NOTE: Shrimp landings are furnished to TPWD by WERS, Division of Statistics-Market News, Galveston, Texas, and are preliminary.

Table 4. Weight (lb x 1000) of each species landed commercially from the Texas bay systems for calendar years 1977-1983. Data based on NWR.

Year	Finfish												Shellfish					Grand total												
	Red drum			Black drum			Sand seatrout			Atlantic croaker			Gafftopsail catfish			Sheepshead			Whiting		Mullet		Florida pompano		Unclassified Food Scrap		Total			
	Spotted seatrout	Black drum	Sand seatrout	Spotted seatrout	Black drum	Sand seatrout	Flounder	Croaker	Catfish	Sheepshead	Whiting	Mullet	Pompano	Food	Scrap	Other	Shrimp		Brown and Pink	White	Other	Total	Blue crabs	Oysters	Squid	Total				
1977	899.8	1,185.6	1,470.7	6.5	210.4	30.0	61.0	260.0	6.6	7.8	0.4	44.1	119.2	4,302.1	4,711.1	9,391.4	1.6	14,104.1	8,237.4	2,600.5	5.3	24,947.3	29,249.4							
1978	853.5	1,118.6	1,740.9	6.4	192.6	19.8	50.4	317.0	4.8	8.1	0.5	80.0	51.6	4,462.2	5,089.4	8,293.2	0	13,381.6	7,467.8	1,907.0	4.2	22,760.6	27,222.8							
1979	676.9	899.3	1,504.7	9.8	206.8	16.4	38.7	383.5	7.9	82.5	2.1	84.0	44.9	3,955.5	7,194.3	8,027.7	0	15,222.0	8,311.0	888.8	0.3	24,442.1	28,377.6							
1980	1,106.4	928.3	1,047.2	3.5	149.8	13.6	42.3	466.4	6.2	87.3	0.4	31.0	40.0	3,922.4	9,031.4	6,813.2	4.7	14,849.0	8,949.3	1,738.5	0	25,537.1	29,459.5							
1981	604.3	617.2	649.5	16.2	101.9	2.2	6.9	193.7	2.7	85.2	0.2	19.3	9.7	2,309.0	7,156.3	6,096.0	0	13,232.3	6,945.6	1,389.4	0	21,587.3	21,818.2							
1982	0	0	1,224.5	3.6	439.4	60.1	15.7	303.6	47.9	137.7	0.2	23.2	45.1	2,301.1	6,837.4	7,435.9	0.3	14,273.8	8,007.2	3,633.1	10.1	25,924.2	28,223.3							
1983	0	0	1,480.8	1.2	399.4	19.5	37.5	272.2	8.7	100.1	5.1	42.1	71.5	2,438.1	10,030.2	8,033.3	0	18,083.5	8,794.0	7,940.7	2.6	34,820.8	37,558.9							

NOTE: Shrimp landings are furnished to IFWB by NWR, Division of Statistics-Market News, Galveston, Texas, and are preliminary.

Table 5. Ex-vessel value (\$) x 1000) of each species landed commercially from the Texas bay systems for calendar years 1977-1983. Data based on NWR.

Year	Finfish												Shellfish					Grand total															
	Red drum			Black drum			Sand seatrout			Flounder			Atlantic croaker			Gafftopsail catfish			Sheepshead			Whiting		Mullet		Florida pompano		Unclassified Food Scrap		Total			
	Spotted seatrout	Black drum	Sand seatrout	Spotted seatrout	Black drum	Sand seatrout	Flounder	Croaker	Catfish	Sheepshead	Whiting	Mullet	Pompano	Food	Scrap	Other	Shrimp		Brown and pink	White	Other	Total	Blue crabs	Oysters	Squid	Total							
1977	483.9	644.9	383.1	3.6	121.7	3.3	10.9	22.7	1.6	1.6	0.2	8.9	17.5	1,723.9	2,823.7	6,270.3	0.3	11,094.3	1,944.5	2,991.7	1.8	16,032.3	17,756.2										
1978	588.3	739.8	600.7	3.9	149.1	2.2	12.2	37.6	0.8	0.9	0.5	15.5	6.2	2,157.7	1,917.8	10,493.1	0	12,610.9	2,003.6	2,205.6	1.2	16,821.3	18,979.0										
1979	541.2	750.4	593.5	6.6	173.6	2.7	8.5	72.0	1.8	7.7	10.9	26.0	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	1,016.5	911.1	536.7	1.4	122.6	1.8	10.3	65.1	1.1	6.3	0.6	10.1	5.5	2,689.1	6,830.8	10,047.5	1.4	16,899.7	2,455.0	2,492.3	0	22,047.0	24,736.1										
1981	683.8	699.9	373.6	2.5	117.7	0.5	1.6	40.3	0.7	5.8	0.3	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	0	0	773.5	1.2	439.0	10.6	4.2	74.7	10.6	14.5	0.4	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	0	0	965.4	0.6	394.4	4.2	7.8	65.1	2.1	11.1	2.4	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										

Table 6. Weight (lb x 1000) of each species landed commercially from the Gulf of Mexico during calendar years 1977-1983. Data based on MFR.

Year	Finfish															Shellfish					Grand total						
	Red drum	Spotted seatrout	Black drum	Sand seatrout	Flounder	Atlantic croaker	Gulf snapper	Atlantic croaker	Sheepshead	Whiting	Mullet	Florida pompano	Unclassified Food Scrap	Cobia	Grouper	Snapper	Menhaden	Mackerel	Shrimp			Total	Blue crabs	Squid	Total		
																			Brown & pink	White						Other	
1977	51.0	111.8	62.8	0	100.5	2.8	10.4	37.6	26.8	0.9	0.5	72.5	43.0	20.0	21.7	429.5	0.1	0.2	992.1	71,897.5	19,420.2	260.3	91,578.0	11.2	13.8	91,603.0	92,595.1
1978	7.6	43.5	33.2	0	38.8	5.4	27.1	10.9	19.8	28.3	0.5	44.5	36.1	13.7	39.9	428.5	0	0	777.8	62,329.7	21,464.7	332.3	84,117.7	1.8	15.5	84,135.0	84,192.8
1979	13.1	131.0	26.7	0	29.6	4.1	0.4	22.6	8.8	28.8	1.5	31.0	62.6	7.7	14.3	211.5	0	0	593.7	50,459.3	16,474.2	344.6	67,278.1	0.5	0.9	67,279.5	67,873.2
1980	8.1	49.7	11.2	0	45.1	2.7	0.4	7.1	13.3	4.4	0.8	20.1	8.8	2.2	23.1	231.6	0	0	420.6	58,332.0	14,235.3	1,330.2	73,897.5	3.6	0	73,901.1	74,321.7
1981	9.0	28.6	14.3	0	28.7	2.4	2.6	9.2	13.5	10.4	0.2	34.4	4.7	13.7	29.8	165.9	0	0	367.4	71,337.7	10,064.5	1,075.7	82,478.0	6.4	0	82,484.3	82,851.7
1982	0	0	24.5	0	96.5	0.4	1.4	18.8	23.2	3.2	3.6	67.1	0.7	24.1	64.8	349.6	0	0	699.9	44,548.9	10,832.3	1,210.6	56,611.8	2.7	3.4	56,617.9	57,317.8
1983	0	0	12.0	0	75.0	1.1	5.8	3.7	11.5	20.4	0	47.5	1.6	17.2	34.8	261.9	0	0	492.5	40,657.1	12,336.2	916.9	53,910.2	35.1	5.2	53,950.4	54,442.9

NOTE: Shrimp landings are furnished to TRND by MFRS, Division of Statistics-Market News, Galveston, Texas, and are preliminary.

Table 7. Ex-vessel value (\$ x 1000) of each species landed commercially from the Gulf of Mexico during calendar years 1977-1983. Data based on MFR.

Year	Finfish															Shellfish					Grand total						
	Red drum	Spotted seatrout	Black drum	Sand seatrout	Flounder	Atlantic croaker	Gulf snapper	Atlantic croaker	Sheepshead	Whiting	Mullet	Florida pompano	Unclassified Food Scrap	Cobia	Grouper	Snapper	Menhaden	Mackerel	Shrimp			Total	Blue crabs	Squid	Total		
																			Brown & pink	White						Other	
1977	27.6	63.0	12.0	0	49.2	0.6	4.3	5.5	4.2	0.2	0.3	12.8	4.9	4.7	5.1	420.6	0	0	615.0	100,815.9	24,627.2	235.2	125,678.3	2.2	4.2	125,684.7	126,799.7
1978	4.6	29.4	6.8	0	24.0	1.5	12.7	1.6	2.7	2.5	0.6	5.8	3.7	4.4	9.8	403.5	0	0	513.6	101,798.7	38,837.6	344.6	140,980.9	0.3	4.4	140,985.6	141,499.2
1979	10.2	112.4	8.8	0	16.5	0.6	0.1	3.8	1.2	2.4	2.3	9.4	7.5	2.8	6.7	261.6	0	0	446.3	117,237.3	34,487.5	381.0	152,305.8	0.2	0.2	152,306.2	152,742.5
1980	8.3	50.4	3.0	0	31.2	0.2	0.1	1.4	2.3	0.7	1.1	5.2	0.7	1.1	9.7	351.3	0	0	466.7	113,972.9	25,637.8	433.2	140,043.9	0.8	0	140,044.7	140,511.4
1981	11.6	38.0	4.6	0	20.6	0.5	2.1	1.7	2.8	1.3	0.3	7.2	0.3	7.3	14.2	267.8	0	0	380.3	129,069.4	24,541.3	317.9	153,928.6	1.7	0	153,930.3	154,310.6
1982	0	0	9.0	0	82.4	0.1	0.5	4.9	5.1	0.5	3.2	17.6	0.1	13.1	42.7	649.2	0	0	848.4	126,037.3	30,800.9	504.1	157,342.3	0.8	1.0	157,344.1	158,192.5
1983	0	0	5.6	0	51.2	0.2	1.9	0.9	2.8	3.3	0.1	12.3	0.2	10.2	31.9	383.5	0	0	504.1	113,408.4	33,074.0	330.7	146,813.1	10.6	2.0	146,825.7	147,329.8

NOTE: Shrimp landings are furnished to TRND by MFRS, Division of Statistics-Market News, Galveston, Texas, and are preliminary.

Table 8. Price (\$/lb) paid commercial fishermen for finfish and shellfish during calendar year 1977-1983. Data based on IFQA.

Year	Red drum			Spotted seatrout			Black drum			Finfish			Shellfish										
	Range	Mean	Mean	Range	Mean	Mean	Range	Mean	Mean	Range	Mean	Mean	Range	Mean	Mean								
1977	0.50-1.15	0.54	0.54	0.40-1.15	0.56	0.56	0.25-0.65	0.28	0.28	0.22-1.10	0.55	0.10-0.35	0.20	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	0.50-1.35	0.69	0.69	0.45-1.20	0.65	0.65	0.30-0.65	0.34	0.34	0.40-1.30	0.73	0.05-0.35	0.12	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	0.45-1.10	0.83	0.83	0.45-1.10	0.86	0.86	0.25-0.50	0.39	0.39	0.35-1.40	0.82	0.05-0.30	0.14	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	0.50-1.20	0.92	0.92	0.50-1.25	0.98	0.98	0.35-0.70	0.31	0.31	0.25-1.25	0.79	0.05-0.25	0.14	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	0.95-1.45	1.13	1.13	0.90-1.45	1.14	1.14	0.45-0.80	0.37	0.37	0.60-1.25	1.06	0.05-0.40	0.21	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	0	0	0	0	0	0.45-0.85	0.43	0.43	0.50-1.35	0.97	0.10-0.50	0.25	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	0	0	0	0	0	0.50-0.85	0.45	0.45	0.35-1.40	0.94	0.05-0.45	0.24	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

Appendix A. Conversion factors for finfish and shellfish.

Table 1. Factors for converting dressed weight to live weight.

Species	Conversion factors (divided by)	Reference
Red drum	0.88	Harrington et al (1979)
Spotted seatrout	0.87	Harrington et al. (1979)
Black drum	0.88	Harrington et al. (1979)
Sand seatrout	0.87	Resource Statistics Division (1980)
Flounder	0.93	Harrington et al. (1979)
Whiting	0.85	Resource Statistics Division (1980)
Croaker	0.85	Resource Statistics Division (1980)
Sheepshead	0.85	Harrington et al. (1979)
Pompano	0.85	Resource Statistics Division (1980)
Snapper	0.85	Resource Statistics Division (1980)

Table 2. Factors for converting headed or collared weights of fish to live weights (TPWD unpublished data).

Species	Conversion factors (divided by)
Black drum	0.61
Gafftopsail catfish	0.65
Cobia	0.70
Grouper	0.70
Snapper	0.61

Table 3. Factors for converting blue crabs and oysters measured to live weights (Resource Statistics Division 1980; TPWD unpublished data).

Species	Conversion factors (divided by)
Blue crabs	6 lb/1 doz.
Oysters (to oyster meat)	17.5 lb/bbl
Oysters (to oyster meat)	8.75 lb/gal

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

Species	Conversion factors (divided by)
Brown shrimp	1.61
Pink shrimp	1.60
White shrimp	1.54
Royal Red shrimp	1.80
Sea bobs	1.53
Rock shrimp	1.67

Appendix B. Weight (lb) and ex-vessel value (\$) of commercial landings in Texas bays during calendar years 1977-1983.

Table 1. Weight (lb) of each species landed commercially from Sabine Lake during calendar year 1977-1983. Data based on MMPA.

Year	Finfish										Shellfish				Grand total								
	Red drum					Spot					Brown and Pink	Shrimp				Total							
	Spotted seatrout	Black drum	Sand seatrout	Atlantic croaker	Gafftopsail catfish	Sheepshead	Whiting	Mullet	Florida pompano	Unclassified Food Scrap		Total	White	Other			Blue crabs						
1977	725	209	960	0	687	0	39	139	37	0	0	0	0	2,816	2,336	4,212	0	6,548	226,100	0	0	212,648	235,464
1978	0	0	0	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	274	0	556	0	51	9	9	764	60	56	0	0	284	2,027	0	0	0	0	163,301	0	0	163,301	165,328
1980	1,618	158	48	0	78	124	0	627	240	60	0	50	30	3,033	1,099	49,900	4,668	55,667	70,089	0	0	125,756	128,789
1981	437	0	219	0	119	0	0	76	238	12	0	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	0	0	0	170,835	488	171,323	113,443	0	0	886,766	284,766
1983	0	0	379	0	567	0	0	430	1,201	0	0	0	140	2,717	0	740	0	740	172,874	0	0	173,614	176,331

NOTE: Shrimp landings are furnished to TPMD by NMFS, Division of Statistics-Market News, Galveston, Texas, and are preliminary.

Table 2. Weight (lb) of each species landed commercially from the Galveston Bay system during calendar year 1977-1983. Data based on MMPA.

Year	Finfish											Shrimp				Grand total							
	Red drum					Spot					Brown and Pink	Shrimp			Total								
	Spotted seatrout	Black drum	Sand seatrout	Atlantic croaker	Gafftopsail catfish	Sheepshead	Whiting	Mullet	Florida pompano	Unclassified Food Scrap		Total	White	Other			Blue crabs						
1977	24,168	134,856	102,175	1,211	14,382	5,989	20,875	21,117	6,530	3,843	0	41,313	81,824	458,283	2,256,576	2,988,766	1,600	5,246,942	1,859,418	1,917,532	3,335	9,077,227	9,485,810
1978	14,857	344,185	161,887	3,438	55,173	8,937	32,554	55,504	4,647	1,946	19	75,265	49,282	807,694	2,066,133	3,618,323	0	5,684,656	1,920,886	1,076,797	3,528	8,685,867	9,493,581
1979	18,692	122,094	73,101	1,016	46,869	9,604	23,988	72,192	7,828	46,427	1	36,569	44,242	502,535	1,315,025	1,963,252	0	3,278,277	1,953,742	43,097	162	5,275,278	5,777,813
1980	13,114	90,648	55,959	2,116	31,477	5,204	34,421	65,844	5,824	2,251	0	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	6,042	77,825	51,830	119	20,610	660	3,670	51,376	2,287	3,985	0	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	0	0	72,524	2,696	197,762	59,168	13,477	125,942	47,889	118,907	37	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	0	0	53,458	338	134,968	8,021	35,498	64,568	7,429	82,608	155	32,995	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

NOTE: Shrimp landings are furnished to TPMD by NMFS, Division of Statistics-Market News, Galveston, Texas, and are preliminary.

Table 3. Weight (lb) of each species landed commercially from the Matagorda Bay system during calendar years 1977-1983. Data based on MMPA.

Year	Finfish										Shrimp				Grand total								
	Red drum					Spot					Brown and Pink	Shrimp				Total							
	Spotted seatrout	Black drum	Sand seatrout	Atlantic croaker	Gafftopsail catfish	Sheepshead	Whiting	Mullet	Florida pompano	Unclassified Food Scrap		Total	White	Other			Blue crabs						
1977	26,521	42,020	17,489	0	19,184	400	1,536	5,290	0	1,196	0	1,047	2,040	116,723	1,008,551	2,621,280	0	3,629,831	211,227	188,605	1,937	4,011,600	4,128,323
1978	18,353	21,538	16,503	0	19,322	0	3,265	2,257	0	564	0	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	16,235	17,540	10,150	197	6,593	0	867	2,997	0	270	0	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	19,414	24,087	11,364	21	3,077	0	0	2,540	0	0	24	131	131	60,658	2,059,240	1,538,837	0	3,598,077	390,743	333,179	0	4,321,999	4,382,657
1981	10,729	8,677	6,047	0	553	3	41	287	1	18,379	0	10	55	44,782	1,521,424	1,746,315	0	3,267,739	368,089	86,659	0	3,724,487	3,769,289
1982	0	0	1,941	3	8,510	0	13	661	3	1,335	0	67	0	12,133	1,757,008	2,113,852	0	3,870,830	889,000	270,376	74	4,830,310	4,842,443
1983	0	0	1,696	402	13,692	31	15	241	10	3,516	0	271	0	19,874	3,204,889	3,614,158	0	6,819,047	796,690	198,940	109	7,815,786	7,835,680

NOTE: Shrimp landings are furnished to TPMD by NMFS, Division of Statistics-Market News, Galveston, Texas, and are preliminary.

Table 4. Weight (lb) of each species landed commercially from the East Matagorda Bay system during calendar years 1977-1983. Data based on MWPR.

Year	Finfish															Shellfish				Grand Total	
	Red drum	Spotted seatrout	Black drum	Sand seatrout	Atlantic croaker	Gulf coast snappers	Sheepshead	Whiting	Mullet	Florida pompano	Unclassified Food Scrap			Shrimp			Blue crabs	Total			
											Total	Brown and Pink	White	Other	Total	Oysters			Squid		
																					Florida pompano
1977	17,364	23,627	9,339	0	3,497	30	0	2,938	0	0	0	14,025	70,820	0	0	0	309,699	1,317	0	311,016	381,836
1978	14,462	20,563	9,993	3	3,103	0	0	1,964	0	0	0	0	49,668	0	0	0	267,668	578	0	268,246	317,914
1979	8,014	13,146	7,531	359	791	0	209	1,202	0	0	0	0	31,222	0	0	0	196,073	26,040	0	222,113	253,135
1980	8,240	29,898	6,248	0	390	0	0	487	0	1	0	0	43,264	0	0	0	468,952	2,722	0	471,674	514,938
1981	2,499	7,666	1,387	63	269	9	28	50	6	0	0	0	11,977	0	0	0	83,497	27,504	0	111,001	122,978
1982	0	0	1,975	34	11,758	0	1,474	1,540	0	0	1,352	0	16,131	0	0	0	630,153	0	0	630,153	648,286
1983	0	0	653	319	6,849	1	3	264	0	0	3	0	7,892	0	0	0	637,942	17,569	0	655,511	663,403

NOTE: Shrimp landings are furnished to TPMD by MWPR, Division of Statistics-Market News, Galveston, Texas, and are preliminary.

Table 5. Weight (lb) of each species landed commercially from the San Antonio Bay system during calendar years 1977-1983. Data based on MWPR.

Year	Finfish															Shellfish				Grand Total		
	Red drum	Spotted seatrout	Black drum	Sand seatrout	Atlantic croaker	Gulf coast snappers	Sheepshead	Whiting	Mullet	Florida pompano	Unclassified Food Scrap			Shrimp			Blue crabs	Total				
											Total	Brown and Pink	White	Other	Total	Oysters			Squid			
																					Florida pompano	Mullet
1977	64,505	68,888	39,889	19	15,012	0	6,829	6,323	0	188	0	154	202,007	231,089	1,428,055	0	1,659,144	2,181,587	438,391	50	4,279,172	4,481,179
1978	65,777	22,689	31,040	0	11,857	0	257	11,544	0	574	0	22	143,760	685,755	630,176	0	1,315,931	1,925,483	560,780	0	3,802,194	3,945,954
1979	43,368	20,546	8,679	0	5,083	0	243	5,903	0	0	0	680	84,502	738,899	952,150	0	1,691,049	2,681,111	600,745	0	4,972,905	5,057,407
1980	102,797	40,450	17,636	0	10,073	0	49	4,851	0	0	0	89	175,945	1,173,386	559,288	0	1,732,674	3,011,967	361,303	0	5,105,944	5,281,889
1981	46,748	20,273	9,887	0	11,426	0	28	2,939	0	30,381	0	0	121,682	736,031	587,894	0	1,323,925	3,211,857	142,641	0	4,729,623	4,799,305
1982	0	0	352	0	9,226	0	0	388	0	0	0	0	9,966	809,548	450,258	0	1,259,798	2,310,435	53,925	0	3,624,158	3,634,124
1983	0	0	6,694	0	6,070	0	641	3,177	0	215	0	0	16,797	1,094,207	385,703	0	1,479,910	2,546,789	635,624	70	4,662,193	4,679,190

NOTE: Shrimp landings are furnished to TPMD by MWPR, Division of Statistics-Market News, Galveston, Texas, and are preliminary.

Table 6. Weight (lb) of each species landed commercially from the Aransas Bay system during calendar years 1977-1983. Data based on MWPR.

Year	Finfish															Shellfish				Grand Total		
	Red drum	Spotted seatrout	Black drum	Sand seatrout	Atlantic croaker	Gulf coast snappers	Sheepshead	Whiting	Mullet	Florida pompano	Unclassified Food Scrap			Shrimp			Blue crabs	Total				
											Total	Brown and Pink	White	Other	Total	Oysters			Squid			
																					Florida pompano	Mullet
1977	158,484	223,071	203,441	5,246	68,100	3,135	16,191	37,993	0	2,048	36	740	23,643	473,954	1,781,140	0	2,255,094	2,244,568	65,573	0	4,565,235	5,307,563
1978	121,559	120,603	81,282	2,111	41,200	3,680	6,445	33,778	4	1,870	9	235	410,786	659,810	993,356	0	1,653,166	2,051,177	119,994	0	3,824,337	4,235,123
1979	74,794	106,047	24,064	329	42,414	257	3,528	21,264	0	1,051	236	54	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	169,723	79,647	36,919	93	58,005	18	1,752	11,954	0	14,951	21	337	373,643	1,010,885	824,648	0	1,835,533	2,716,056	21,588	0	4,573,177	4,946,820
1981	28,417	40,892	19,638	74	44,607	3	361	26,824	0	3,197	0	53	164,066	1,744,416	726,693	0	2,471,109	1,738,402	62,369	0	4,271,880	4,435,946
1982	0	0	36,491	0	119,852	258	562	59,483	0	8,851	0	0	225,477	1,916,457	844,457	0	2,757,914	2,150,379	51,509	125	4,959,927	5,185,404
1983	0	0	51,850	0	67,796	1,193	314	27,397	0	13,606	0	2,952	165,210	3,122,304	792,925	0	3,915,229	2,508,983	117,119	105	6,541,436	6,706,646

NOTE: Shrimp landings are furnished to TPMD by MWPR, Division of Statistics-Market News, Galveston, Texas, and are preliminary.

Table 7. Weight (lb) of each species landed commercially from the Corpus Christi Bay system during calendar years 1977-1983. Data based on MPR.

Year	Finfish										Shellfish										Grand total		
	Red drum	Spotted seatrout	Black drum	Sand seatrout	Flounder	Atlantic croaker	Gafftopsail catfish	Sheepshead	Whiting	Mullet	Florida pompano	Unclassified Food Scrap	Shrimp		Brown and Pink	Total	Blue crabs			Squid		Oysters	Total
													White	Other			Other	Total					
1977	66,716	82,301	199,848	0	49,128	3,206	15,149	116,863	57	73	37	0	535,378	738,572	567,956	0	1,306,528	102,750	0	0	0	1,409,278	1,946,656
1978	83,387	166,787	400,845	829	44,879	1,900	4,998	126,860	0	291	889	0	831,665	910,075	521,680	0	1,431,755	9,307	0	0	0	1,441,062	2,272,727
1979	62,398	152,158	383,315	2,012	68,726	3,480	9,946	201,684	6	34,680	173	41,854	960,451	1,166,697	1,032,891	0	2,219,588	50,498	0	116	2,270,202	3,230,653	
1980	103,661	192,315	198,659	727	26,813	5,028	8,630	251,267	156	69,790	101	0	861,836	1,469,014	400,763	0	1,869,777	17,448	0	0	1,887,225	2,749,061	
1981	56,921	110,986	58,074	15,936	5,948	75	2,560	51,927	179	23,592	0	128	69	326,395	1,149,681	336,542	0	1,486,223	7,723	0	0	1,493,946	1,820,341
1982	0	0	58,262	702	36,632	829	153	43,574	80	8,568	1	0	148,721	708,245	400,062	0	1,108,307	141,558	0	0	1,249,865	1,998,586	
1983	0	0	105,884	176	74,422	7,763	1,247	87,195	0	0	0	0	276,687	1,135,421	466,130	0	1,601,551	231,757	0	35	1,831,343	2,110,030	

NOTE: Shrimp landings are furnished to IPHD by MPR, Division of Statistics-Market News, Galveston are preliminary.

Table 8. Weight (lb) of each species landed commercially from the upper Laguna Madre system during calendar years 1977-1983. Data based on MPR.

Year	Finfish										Shellfish										Grand total		
	Red drum	Spotted seatrout	Black drum	Sand seatrout	Flounder	Atlantic croaker	Gafftopsail catfish	Sheepshead	Whiting	Mullet	Florida pompano	Unclassified Food Scrap	Shrimp		Brown and Pink	Total	Blue crabs			Squid		Oysters	Total
													White	Other			Other	Total					
1977	145,249	175,318	519,296	0	5,205	104	23	41,537	0	495	180	32	887,439	0	887,439	0	126,811	0	0	0	0	126,811	1,014,250
1978	79,963	123,052	588,383	0	4,166	253	2	24,681	0	2,337	131	0	792,968	0	792,968	0	159,517	0	0	0	0	159,517	952,485
1979	81,511	138,414	562,558	1,310	3,382	655	65	31,619	0	0	958	0	820,452	0	820,452	0	26,911	0	0	0	0	26,911	847,363
1980	243,167	202,999	512,266	237	8,559	2,079	409	46,722	0	0	92	0	1,016,650	0	1,016,650	0	6,688	0	0	0	0	6,688	1,023,338
1981	128,559	137,748	343,717	65	5,031	931	93	35,306	4	2	15	0	651,471	0	651,471	0	0	0	0	0	0	0	651,471
1982	0	0	778,749	135	21,881	16	0	60,695	0	0	161	0	861,637	0	861,637	0	8,913	0	0	0	0	8,913	870,550
1983	0	0	1,021,586	0	50,078	6	0	80,860	0	0	739	0	1,153,269	0	1,153,269	0	12,290	0	0	0	0	12,290	1,165,559

NOTE: Shrimp landings are furnished to IPHD by MPR, Division of Statistics - Market News, Galveston, Texas, and are preliminary.

Table 9. Weight (lb) of each species landed commercially from the lower Laguna Madre system during calendar years 1977-1983. Data based on MPR.

Year	Finfish										Shellfish										Grand total		
	Red drum	Spotted seatrout	Black drum	Sand seatrout	Flounder	Atlantic croaker	Gafftopsail catfish	Sheepshead	Whiting	Mullet	Florida pompano	Unclassified Food Scrap	Shrimp		Brown and Pink	Total	Blue crabs			Squid		Oysters	Total
													White	Other			Other	Total					
1977	394,112	484,696	378,258	0	35,255	17,121	147	27,603	0	0	116	836	22,071	1,360,215	0	1,360,215	0	0	0	0	9,066	9,066	2,344,525
1978	453,182	299,160	492,760	0	12,552	5,004	4,928	60,371	0	824	0	3,555	2,322	1,316,748	0	1,316,748	0	0	0	0	3,071	3,071	1,535,953
1979	371,724	329,379	434,749	4,610	32,867	2,356	190	45,826	0	0	713	2,731	170	1,225,315	0	1,225,315	0	0	0	0	1,963	1,963	1,349,557
1980	444,619	268,130	210,016	295	11,334	1,194	0	82,148	0	269	200	1,333	381	1,019,919	0	1,019,919	0	0	0	0	15,494	15,494	1,553,755
1981	320,202	202,987	157,654	0	10,855	526	3	24,770	3	5,700	183	1,651	346	724,880	0	724,880	0	0	0	0	815,087	815,087	1,539,967
1982	0	0	274,561	0	33,825	91	0	11,273	0	0	15	1,849	9	371,614	0	371,614	0	0	0	0	3,752	3,752	1,072,166
1983	0	0	218,284	0	44,935	2,471	0	6,089	109	126	4,180	5,922	379	306,997	0	306,997	0	0	0	0	1,431	1,431	682,525

NOTE: Shrimp landings are furnished to IPHD by MPR, Division of Statistics - Market News, Galveston, Texas, and are preliminary.

Table 10. Ex-vessel value (\$) of each species landed commercially from Sabine Lake during calendar years 1977-1983. Data based on MPR.

Year	Finfish												Shellfish				Grand total					
	Red drum	Spotted seatrout	Black drum	Sand seatrout	Flounder	Atlantic croaker	Gofftopshell catfish	Sheepshead	Whiting	Mullet	Florida pompano	Unclassified Food Scrap	Total	Brown and Pink	Shrimp	Other		Total	Oysters	Squid	Total	
1977	430	125	281	0	424	0	8	34	7	0	0	0	1,309	1,098	2,529	0	3,627	57,906	0	0	61,533	62,842
1978	0	0	0	0	166	0	0	12	23	0	0	0	201	0	4,528	0	4,528	163,290	0	0	167,818	168,019
1979	172	0	199	0	25	2	2	169	13	13	0	54	649	0	0	0	649	49,330	0	0	49,330	49,979
1980	1,238	136	24	0	43	55	0	166	69	28	0	20	1,787	1,113	37,519	1,354	39,986	24,044	0	0	64,030	65,817
1981	348	0	81	16	56	0	0	15	51	6	0	35	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	0	0	197,418	220	197,638	43,907	0	0	241,545	241,545
1983	0	0	197	0	412	0	0	94	254	0	0	21	978	0	1,029	0	1,029	74,656	0	0	75,685	76,663

NOTE: Shrimp values are furnished to TPMD by MPRS, Division of Statistica-Market News, Galveston, Texas, and are preliminary.

Table 11. Ex-vessel value (\$) of each species landed commercially from the Galveston Bay system during calendar year 1977-1983. Data based on MPR.

Year	Finfish												Shellfish				Grand total					
	Red drum	Spotted seatrout	Black drum	Sand seatrout	Flounder	Atlantic croaker	Gofftopshell catfish	Sheepshead	Whiting	Mullet	Florida pompano	Unclassified Food Scrap	Total	Brown and Pink	Shrimp	Other		Total	Oysters	Squid	Total	
1977	12,360	71,609	28,002	412	8,001	1,326	3,924	4,872	1,239	1,039	0	8,038	131,860	1,934,420	2,966,068	320	4,900,808	455,332	2,299,615	1,107	7,653,862	7,805,722
1978	10,319	199,939	48,796	2,105	43,424	1,075	6,676	10,514	791	238	7	14,780	344,456	778,260	4,977,027	0	5,755,287	521,289	1,222,871	987	7,500,434	7,844,890
1979	15,285	100,716	23,318	289	41,204	1,594	5,353	10,809	1,779	4,946	0	8,345	217,517	1,144,900	2,648,695	0	3,793,995	481,825	66,788	37	4,342,245	4,559,762
1980	13,566	95,287	30,080	1,084	28,679	997	8,770	15,128	1,003	474	0	9,499	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	6,990	91,961	30,788	42	23,711	171	771	14,056	659	234	0	4,696	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	0	0	27,294	685	199,896	10,070	2,870	27,011	10,597	12,609	72	5,863	302,025	1,442,651	5,829,651	0	7,273,302	401,467	4,781,388	3,888	12,459,055	12,761,080
1983	0	0	23,117	128	123,378	2,382	7,202	14,099	1,843	8,963	46	11,894	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

NOTE: Shrimp values are furnished to TPMD by MPRS, Division of Statistica-Market News, Galveston, Texas, and are preliminary.

Table 12. Ex-vessel value (\$) of each species landed commercially from the Matagorda Bay system during calendar years 1977-1983. Data based on MPR.

Year	Finfish												Shellfish				Grand total						
	Red drum	Spotted seatrout	Black drum	Sand seatrout	Flounder	Atlantic croaker	Gofftopshell catfish	Sheepshead	Whiting	Mullet	Florida pompano	Unclassified Food Scrap	Total	Brown and Pink	Shrimp	Other		Total	Oysters	Squid	Total		
1977	15,326	23,911	4,774	0	12,470	120	305	1,240	0	344	0	210	706	59,006	353,186	2,488,878	0	2,842,064	52,248	186,224	657	3,083,193	3,142,199
1978	12,411	14,481	5,160	0	13,987	0	795	643	0	139	0	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	13,671	14,155	4,021	80	5,928	0	326	579	0	34	0	0	0	38,794	2,190,100	3,920,487	0	6,110,987	180,569	146,205	5	6,437,366	6,476,160
1980	18,791	22,511	5,603	5	3,213	0	0	542	0	0	35	33	0	50,773	1,663,153	2,622,548	0	4,285,201	105,058	495,533	0	4,886,292	4,937,025
1981	10,924	8,992	3,318	0	683	2	21	54	1	939	0	7	6	24,947	955,878	2,233,191	0	3,189,269	95,838	130,348	0	3,415,455	3,440,402
1982	0	0	1,214	2	9,459	0	8	432	1	282	0	44	0	11,442	1,471,571	4,017,106	0	5,488,679	209,954	388,590	0	6,088,243	6,099,685
1983	0	0	1,312	163	15,708	13	7	166	3	627	0	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

NOTE: Shrimp values are furnished to TPMD by MPRS, Division of Statistica-Market News, Galveston, Texas, and are preliminary.

Table 13. Ex-vessel value (\$) of each species landed commercially from the East Matagorda Bay system during calendar years 1977-1983. Data based on MPR.

Year	Finfish											Shellfish				Grand Total						
	Red drum	Spotted seatrout	Black drum	Sand seatrout	Flounder	Atlantic croaker	Gulf coast snapper	Sheepshead	Whiting	Mullet	Florida pompano	Shrimp			Oysters		Squid	Total				
												Brown and Pink	White	Other								
1977	10,007	14,157	2,556	0	2,112	9	0	1,401	0	0	0	0	0	0	0	0	0	75,882	1,224	0	77,106	108,059
1978	9,105	13,424	2,759	1	2,276	0	0	550	0	0	0	0	0	0	0	0	0	66,482	792	0	67,274	95,389
1979	6,869	11,032	2,655	132	614	0	94	487	0	0	0	0	0	0	0	0	0	48,079	38,070	0	86,099	107,982
1980	7,753	27,792	1,770	0	392	0	0	206	0	0	0	0	0	0	0	0	0	37,913	3,861	0	41,774	166,937
1981	2,734	7,643	906	21	242	7	21	35	5	0	0	0	0	0	0	0	0	23,578	43,804	0	67,382	79,096
1982	0	0	1,454	22	10,615	0	1,105	1,088	0	0	0	1,351	0	0	0	0	0	189,697	0	0	189,697	205,532
1983	0	0	316	281	8,384	0	2	117	0	0	0	2	0	0	0	0	0	157,135	26,985	0	184,120	193,222

NOTE: Shrimp landings are furnished to TPMD by MPR, Division of Statistics-Market News, Galveston, Texas, and are preliminary.

Table 14. Ex-vessel value (\$) of each species landed commercially from the San Antonio Bay system during calendar years 1977-1983. Data based on MPR.

Year	Finfish											Shellfish				Grand Total						
	Red drum	Spotted seatrout	Black drum	Sand seatrout	Flounder	Atlantic croaker	Gulf coast snapper	Sheepshead	Whiting	Mullet	Florida pompano	Shrimp			Oysters		Squid	Total				
												Brown and Pink	White	Other								
1977	34,878	37,062	9,631	2	6,965	0	1,254	757	0	38	0	69	0	0	0	0	0	1,049,688	428,621	8	1,478,317	2,077,127
1978	47,652	15,396	9,021	0	9,331	0	43	1,995	0	83	0	3	0	0	0	0	0	834,981	661,881	0	1,496,862	2,084,854
1979	39,152	18,315	3,231	0	4,830	0	43	1,134	0	0	0	272	0	0	0	0	0	1,149,737	666,703	0	1,816,440	3,198,126
1980	94,622	38,980	8,365	0	9,856	0	27	1,032	0	0	0	9	0	0	0	0	0	1,028,620	775,524	0	1,804,144	3,262,465
1981	50,906	18,798	5,446	0	13,065	0	11	737	0	1,319	0	0	0	0	0	0	0	999,428	797,729	0	1,797,157	2,082,325
1982	0	0	193	0	10,192	0	0	65	0	0	0	0	0	0	0	0	0	1,351,116	63,737	0	1,414,853	2,078,810
1983	0	0	4,399	0	7,521	0	211	678	0	65	0	0	0	0	0	0	0	1,945,599	908,940	36	3,875,680	5,888,454

NOTE: Shrimp values are furnished to TPMD by MPR, Division of Statistics-Market News, Galveston, Texas, and are preliminary.

Table 15. Ex-vessel value (\$) of each species landed commercially from the Aransas Bay system during calendar years 1977-1983. Data based on MPR.

Year	Finfish											Shellfish				Grand Total						
	Red drum	Spotted seatrout	Black drum	Sand seatrout	Flounder	Atlantic croaker	Gulf coast snapper	Sheepshead	Whiting	Mullet	Florida pompano	Shrimp			Oysters		Squid	Total				
												Brown and Pink	White	Other								
1977	96,180	130,485	33,415	3,138	40,208	469	2,731	2,654	0	102	20	1,317	0	0	0	0	0	1,558,439	65,103	0	2,123,541	2,436,184
1978	97,254	86,081	26,440	1,689	33,525	303	935	2,938	4	208	9	50	1	0	0	0	0	1,357,235	133,735	0	2,058,734	2,308,167
1979	69,246	93,462	9,094	77	34,294	44	885	2,720	0	105	228	6	18	0	0	0	0	2,895,069	108,704	0	3,617,574	3,827,553
1980	170,883	80,795	17,804	19	43,227	4	308	1,573	0	770	27	340	20	0	0	0	0	2,070,239	22,934	0	2,859,334	3,175,104
1981	30,838	48,579	12,343	11	53,451	1	91	6,151	0	458	0	13	0	0	0	0	0	1,801,657	91,636	0	2,460,524	2,992,460
1982	0	0	23,801	0	111,574	58	133	16,555	0	876	0	0	0	0	0	0	0	2,918,893	72,485	65	3,607,700	3,760,197
1983	0	0	30,276	0	64,576	239	78	3,876	0	1,497	0	2,650	15	0	0	0	0	5,248,032	181,905	61	6,169,184	6,427,101

NOTE: Shrimp landings are furnished to TPMD by MPR, Division of Statistics-Market News, Galveston, Texas, and are preliminary.

Table 16. Ex-vessel value (\$) of each species landed commercially from the Corpus Christi Bay system during calendar years 1977-1983. Data based on MPR.

Year	Finfish										Shellfish					Grand total					
	Red drum	Spotted seatrout	Black drum	Sand seatrout	Flounder	Atlantic croaker	Gofftoppail catfish	Sheepshead	Whiting	Mullet	Florida pompano	Unclassified Food Scrap	Total	Brown and Pink	White		Other	Total	Oysters	Squid	Total
1977	41,994	47,601	59,310	0	29,921	334	1,742	7,736	3	4	22	0	188,667	301,665	442,067	0	743,732	25,810	0	769,542	958,209
1978	61,906	115,307	153,766	81	35,304	314	809	11,979	0	0	268	118	379,852	395,436	692,600	0	1,088,036	2,136	0	1,090,172	1,470,024
1979	59,341	131,493	165,498	430	55,662	676	1,823	25,873	2	2,561	172	5,324	448,855	1,040,520	1,646,614	0	2,687,134	10,907	0	2,698,041	3,146,919
1980	102,395	198,155	108,901	168	21,887	376	1,071	29,996	18	5,031	124	420	468,542	1,199,080	592,844	0	1,791,924	7,821	0	1,799,745	2,268,287
1981	65,805	128,068	34,388	2,444	6,059	16	674	7,862	9	2,118	0	26	247,449	788,033	439,698	0	1,227,731	3,832	0	1,231,563	1,479,012
1982	0	0	39,154	420	35,722	365	43	10,643	0	729	2	0	87,098	620,284	696,440	0	1,340,648	43,922	0	1,384,570	1,447,744
1983	0	0	68,646	35	72,871	1,225	291	22,969	0	0	0	0	166,037	1,419,771	896,636	0	2,316,407	93,369	0	2,409,776	2,575,831

NOTE: Shrimp values are furnished to TPWD by MPR, Division of Statistic-Market News, Galveston, Texas, and are preliminary.

Table 17. Ex-vessel value (\$) of each species landed commercially from the upper Laguna Madre system during calendar years 1977-1983. Data based on MPR.

Year	Finfish										Shellfish					Grand total					
	Red drum	Spotted seatrout	Black drum	Sand seatrout	Flounder	Atlantic croaker	Gofftoppail catfish	Sheepshead	Whiting	Mullet	Florida pompano	Unclassified Food Scrap	Total	Brown and Pink	White		Other	Total	Oysters	Squid	Total
1977	85,709	100,927	165,429	0	3,278	10	3	3,130	0	50	111	8	358,655	0	0	0	358,655	28,855	0	28,855	387,510
1978	64,187	98,933	229,320	0	3,434	42	0	2,832	0	210	116	0	399,074	0	0	0	399,074	45,691	0	45,691	444,765
1979	73,775	130,146	244,455	1,219	3,313	130	12	5,234	0	0	996	0	459,280	0	0	0	459,280	6,836	0	6,836	466,116
1980	218,638	192,549	265,977	54	6,424	320	97	7,907	0	0	84	0	692,050	0	0	0	692,050	2,704	0	2,704	694,754
1981	137,059	156,267	199,140	18	5,604	223	21	7,458	1	0	21	0	505,792	0	0	0	505,792	0	0	0	505,792
1982	0	0	535,031	41	24,167	4	0	16,936	0	0	306	0	576,485	0	0	0	576,485	3,832	0	3,832	580,317
1983	0	0	708,865	0	53,945	1	0	22,018	0	0	1,060	0	785,889	0	0	0	785,889	6,074	0	6,074	791,963

NOTE: Shrimp values are furnished to TPWD by MPR, Division of Statistic-Market News, Galveston, Texas, and are preliminary.

Table 18. Ex-vessel value (\$) of each species landed commercially from the lower Laguna Madre system during calendar years 1977-1983. Data based on MPR.

Year	Finfish										Shellfish					Grand total						
	Red drum	Spotted seatrout	Black drum	Sand seatrout	Flounder	Atlantic croaker	Gofftoppail catfish	Sheepshead	Whiting	Mullet	Florida pompano	Unclassified Food Scrap	Total	Brown and Pink	White		Other	Total	Oysters	Squid	Total	
1977	187,048	234,299	84,443	0	16,294	1,056	30	2,138	0	0	50	93	530,969	0	0	0	530,969	239,526	0	239,526	770,495	
1978	285,511	196,203	125,476	0	7,678	502	2,918	6,517	0	49	85	546	625,720	0	0	0	625,720	4,010	10	4,020	680,311	
1979	286,657	271,075	141,050	4,380	27,732	269	38	4,958	0	0	1,207	413	740,794	0	0	0	740,794	30,801	0	30,801	773,830	
1980	388,601	254,905	96,202	53	8,799	81	0	8,571	0	13	327	239	41	759,832	0	0	41	759,832	23,234	0	783,066	914,008
1981	373,376	226,753	86,390	0	11,414	94	1	3,882	1	570	301	290	58	703,330	0	0	58	703,330	234,290	0	937,620	
1982	0	0	145,360	0	37,163	27	0	2,013	0	0	27	309	184,899	0	0	0	184,899	212,255	0	212,255	403,685	
1983	0	0	126,297	0	45,586	346	0	1,111	35	57	1,295	1,820	176,598	0	0	0	176,598	183,548	0	183,548	360,146	

NOTE: Shrimp landings are furnished to TPWD by MPR, Division of Statistic-Market News, Galveston, Texas, and are preliminary.

Appendix C. Weight (lb) and ex-vessel value (\$) of commercial landings in Texas territorial waters of the Gulf of Mexico during calendar years 1977-1983.

Table 1. Weight (lb) of each species, except shrimp, landed commercially from Gulf of Mexico grid area 17.0 during calendar years 1977-1983. Data based on MPR.

Year	Finfish										Shellfish		Grand total									
	Red drum	Spotted seatrout	Black drum	Sand seatrout	Flounder	Atlantic croaker	Gulfstream catfish	Sheepshead	Whiting	Mullet	Florida pompano	Unclassified Food Scrap		Cobia	Grouper	Snapper	Menhaden	Mackerel	Total	Blue crabs	Squid	Total
1977	2,459	1,405	5,810	0	2,888	386	50	1,415	4,805	0	0	0	200	629	26,211	0	0	56,458	0	0	0	56,485
1978	491	262	20,455	0	2,539	0	112	143	2,128	0	26	461	0	0	1,546	0	0	28,163	1,268	13	1,281	29,444
1979	77	3,200	114	0	1,176	0	77	587	416	0	0	0	0	0	3,222	0	0	8,871	100	0	100	8,971
1980	243	69	113	0	3,619	352	0	471	3,668	0	0	71	276	582	825	0	0	10,289	3,149	0	3,149	13,438
1981	93	36	71	0	2,816	29	562	1,250	619	0	0	515	4	4	235	0	0	6,762	5,860	0	5,860	12,662
1982	0	0	62	0	4,010	35	31	1,450	1,923	0	0	142	0	0	0	0	0	7,653	2,555	114	2,669	10,322
1983	0	0	247	0	3,715	8	23	474	1,082	0	0	468	860	0	5,549	0	0	12,426	5,355	150	5,505	17,931

Table 2. Weight (lb) of each species, except shrimp, landed commercially from Gulf of Mexico grid area 18.0 during calendar years 1977-1983. Data based on MPR.

Year	Finfish										Shellfish		Grand total									
	Red drum	Spotted seatrout	Black drum	Sand seatrout	Flounder	Atlantic croaker	Gulfstream catfish	Sheepshead	Whiting	Mullet	Florida pompano	Unclassified Food Scrap		Cobia	Grouper	Snapper	Menhaden	Mackerel	Total	Blue crabs	Squid	Total
1977	37,530	103,973	28,861	0	55,084	2,246	10,128	29,444	20,513	535	0	53,797	38,794	7,874	96,486	70	175	494,420	11,038	7,813	18,851	513,271
1978	4,956	40,405	4,955	0	32,429	5,390	1,634	8,924	16,089	1,340	81	18,781	35,905	17,470	100,449	0	0	298,932	502	11,164	11,666	310,598
1979	4,657	85,963	14,324	0	20,653	3,742	331	17,147	6,038	2,753	128	25,831	62,236	7,020	62,133	0	0	318,760	417	577	994	319,754
1980	4,449	38,877	7,181	0	35,081	13	434	4,856	9,424	1,076	576	10,763	8,546	13,957	58,750	0	0	195,883	485	0	685	196,568
1981	1,141	7,130	4,900	0	16,644	0	2,081	6,657	10,178	9,881	0	1,067	4,167	4,796	20,996	0	0	97,927	519	0	519	98,446
1982	0	0	4,683	6	54,556	0	1,373	15,794	19,301	3,204	340	0	15,532	10,477	97,911	0	0	237,489	48	1,340	1,411	238,920
1983	0	0	2,137	0	37,650	160	4,565	2,264	8,738	19,922	31	621	0	6,876	97,665	0	0	187,626	26,709	1,288	27,917	215,623

Table 3. Weight (lb) of each species, except shrimp, landed commercially from Gulf of Mexico grid area 19.0 during calendar years 1977-1983. Data based on MPR.

Year	Finfish										Shellfish		Grand total									
	Red drum	Spotted seatrout	Black drum	Sand seatrout	Flounder	Atlantic croaker	Gulfstream catfish	Sheepshead	Whiting	Mullet	Florida pompano	Unclassified Food Scrap		Cobia	Grouper	Snapper	Menhaden	Mackerel	Total	Blue crabs	Squid	Total
1977	7,460	6,429	10,039	0	33,124	0	3,142	1,953	1,050	239	452	1,860	4,164	3,538	57,780	0	0	135,372	137	532	667	136,041
1978	2,018	2,794	4,464	0	6,646	59	211	663	1,101	577	66	657	237	10,872	69,671	0	0	103,372	0	50	50	103,422
1979	8,594	41,813	8,555	0	1,208	0	29	1,969	2,174	26,066	153	3,382	0	2,698	41,243	0	0	139,739	0	0	0	139,739
1980	2,771	10,790	591	0	2,265	2,538	0	1,700	187	3,330	89	966	10	5,214	70,449	0	0	101,280	0	0	0	101,280
1981	7,728	4,070	1,356	0	609	0	0	102	2,049	0	5	0	5,414	10,848	49,586	0	0	81,767	0	0	0	81,767
1982	0	0	470	0	19,412	0	0	848	2,879	0	3,289	2,889	8,578	29,383	153,504	0	0	221,452	0	0	0	221,452
1983	0	0	3,042	0	25,312	764	246	691	1,411	72	5	17,641	701	22,320	81,760	0	0	164,165	2,611	2,128	4,739	168,904

Table 6. Ex-vessel value (\$) of each species, except shrimp, landed commercially in Gulf of Mexico grid area 17.0 during calendar years 1977-1983. Data based on NMFS.

Year	Finfish										Shellfish			Grand Total								
	Red drum	Spotted seatrout	Black drum	Sand seatrout	Flounder	Atlantic croaker	Gafftopsail catfish	Sheepshead	Whiting	Mullet	Florida pompano	Unclassified Food Scrap	Cobia		Grouper	Snapper	Menhaden	Mackerel	Total	Blue crabs	Squid	Total
1977	1,310	720	1,558	0	1,529	93	10	331	966	0	0	0	0	50	159	32,954	0	39,680	0	0	0	39,680
1978	209	114	4,091	0	1,222	0	20	17	346	0	4	108	0	0	0	1,725	0	7,856	159	3	162	8,018
1979	40	3,903	23	0	622	0	15	139	66	0	0	0	0	0	0	4,280	0	9,088	30	0	30	9,118
1980	161	36	16	0	2,242	36	0	53	463	0	0	18	42	0	262	1,170	0	4,499	694	0	694	5,193
1981	65	25	17	0	1,562	7	112	142	150	71	0	0	123	0	1	458	0	2,733	1,520	0	1,520	4,253
1982	0	0	21	0	2,236	9	8	302	315	0	0	0	26	0	0	0	0	2,917	742	46	788	3,705
1983	0	0	70	0	2,224	3	6	106	181	0	0	70	120	0	0	9,062	0	11,842	2,545	60	2,605	14,447

Table 7. Ex-vessel value (\$) of each species, except shrimp, landed commercially from Gulf of Mexico grid area 18.0 during calendar years 1977-1983. Data based on NMFS.

Year	Finfish										Shellfish			Grand Total								
	Red drum	Spotted seatrout	Black drum	Sand seatrout	Flounder	Atlantic croaker	Gafftopsail catfish	Sheepshead	Whiting	Mullet	Florida pompano	Unclassified Food Scrap	Cobia		Grouper	Snapper	Menhaden	Mackerel	Total	Blue crabs	Squid	Total
1977	21,052	58,570	6,144	0	28,295	515	1,727	4,441	3,021	120	0	10,640	4,450	1,852	85,366	14	10	229,702	2,199	2,222	4,421	234,113
1978	2,970	27,187	1,097	0	18,078	1,060	380	1,412	2,121	536	65	4,720	3,639	4,370	94,228	0	0	165,243	92	3,190	3,282	168,525
1979	3,655	76,176	5,222	0	13,949	626	79	3,083	897	444	143	7,984	7,474	2,840	74,384	0	0	199,318	146	179	325	199,643
1980	5,267	40,967	1,630	0	24,689	3	129	1,057	1,752	163	784	4,373	615	5,507	78,035	0	0	165,851	118	0	118	165,969
1981	1,483	8,670	1,044	0	11,550	0	1,976	1,325	2,364	1,252	0	280	221	2,537	27,916	0	0	64,975	208	0	208	65,183
1982	0	0	1,906	2	48,195	0	475	4,290	4,115	486	68	3,152	0	5,369	168,969	0	0	246,092	48	558	606	246,698
1983	0	0	886	0	23,660	56	1,202	619	2,182	3,225	45	193	0	4,178	144,159	0	0	185,333	7,191	502	7,693	193,026

Table 8. Ex-vessel value (\$) of each species, except shrimp, landed commercially from Gulf of Mexico grid area 19.0 during calendar years 1977-1983. Data based on NMFS.

Year	Finfish										Shellfish			Grand Total								
	Red drum	Spotted seatrout	Black drum	Sand seatrout	Flounder	Atlantic croaker	Gafftopsail catfish	Sheepshead	Whiting	Mullet	Florida pompano	Unclassified Food Scrap	Cobia		Grouper	Snapper	Menhaden	Mackerel	Total	Blue crabs	Squid	Total
1977	4,048	3,697	1,952	0	16,543	0	2,246	341	109	27	299	361	416	1,072	39,627	0	0	72,020	29	113	142	72,162
1978	1,341	2,094	1,021	0	3,431	6	47	34	165	76	61	169	12	2,174	63,698	0	0	75,269	0	13	13	75,282
1979	6,459	32,342	2,992	0	658	0	5	289	227	2,002	158	677	0	745	43,733	0	0	90,748	0	0	0	90,748
1980	2,583	9,437	382	0	1,998	167	0	243	47	500	117	737	2	2,418	114,454	0	0	133,344	0	0	0	133,344
1981	10,045	5,064	285	0	563	0	0	34	410	0	7	0	0	5,181	74,471	0	0	98,989	0	0	0	98,989
1982	0	0	94	0	18,460	0	0	186	550	0	3,125	1,903	0	17,094	271,642	0	0	317,073	0	0	0	317,073
1983	0	0	1,654	0	18,937	115	86	90	379	18	9	5,599	42	22,295	119,931	0	0	174,943	639	1,009	1,648	176,591

Table 11. Weight (lb x 1000) of each shrimp species (heads-on) landed commercially from the Gulf of Mexico during calendar years 1977-1983.

Year	Brown and pink	White	Other	Total
1977	67,186.4	10,028.8	258.7	77,473.9
1978	57,240.3	13,171.5	332.3	70,744.1
1979	43,265.0	8,446.5	719.2	52,430.7
1980	50,300.6	7,422.1	1,325.6	59,048.3
1981	71,337.8	10,064.5	1,075.7	82,478.0
1982	44,549.0	10,852.3	1,210.6	56,611.8
1983	40,657.1	12,336.2	916.8	53,910.1

^aData provided by NMFS, Division of Statistics-Market News, Galveston, Texas, and are preliminary.

Table 12. Ex-vessel value (\$ x 1000) of each shrimp species (heads-on) landed commercially from the Gulf of Mexico during calendar years 1977-1983.

Year	Brown and pink	White	Other	Total
1977	97,992.2	16,356.9	234.9	114,584.0
1978	99,880.9	28,144.5	344.5	128,369.9
1979	111,142.2	23,575.6	381.1	135,098.9
1980	107,142.1	15,570.3	431.8	123,144.2
1981	129,069.4	24,541.3	317.9	153,928.6
1982	126,037.3	30,800.9	504.2	157,342.4
1983	113,408.4	33,074.0	330.7	146,813.1

^aData provided by NMFS, Division of Statistics-Market News, Galveston, Texas, and are preliminary.

Appendix D. Total monthly commercial finfish and shellfish landings (lb) and ex-vessel value (\$) from Texas bay systems during calendar year 1983.

Table 1. Weight (lb) of each species landed commercially from the Sabine Lake during calendar year 1983. Data based on MPR.

Month	Finfish											Shellfish					Grand total			
	Red drum	Spotted seatrout	Black drum	Sand seatrout	Flounder	Atlantic croaker	Gafftopsail catfish	Sheepshead	Whiting	Mullet	Florida pompano	Shrimp			Blue crabs	Oysters		Squid	Total	
												Brown and Pink	White	Other						
Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	83	83	
Feb	0	0	0	0	0	0	0	0	0	0	0	740	0	0	0	0	0	0	5,158	5,158
Mar	0	0	0	0	0	0	294	0	0	0	0	294	0	0	0	0	0	0	3,950	4,244
Apr	0	0	0	0	0	0	0	1,059	0	0	0	1,059	0	0	0	0	0	0	1,158	2,217
May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22,557	22,557
Jun	0	0	30	0	27	0	0	24	0	0	0	140	221	0	0	0	0	0	52,168	52,389
Jul	0	0	114	0	0	0	0	118	0	0	0	0	232	0	0	0	0	0	8,530	8,762
Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	610	610
Sep	0	0	66	0	108	0	18	0	0	0	0	0	192	0	0	0	0	0	1,813	2,005
Oct	0	0	0	0	323	0	118	0	0	0	0	0	441	0	0	0	0	0	20,666	21,107
Nov	0	0	0	0	109	0	0	0	0	0	0	0	109	0	0	0	0	0	52,721	52,830
Dec	0	0	169	0	0	0	0	0	0	0	0	0	169	0	0	0	0	0	4,200	4,369
Total	0	0	379	0	567	0	0	430	1,201	0	0	140	2,717	0	740	0	0	0	173,614	176,331

Table 2. Weight (lb) of each species landed commercially from the Galveston Bay systems during calendar year 1983. Data based on MPR.

Month	Finfish											Shrimp					Grand total						
	Red drum	Spotted seatrout	Black drum	Sand seatrout	Flounder	Atlantic croaker	Gafftopsail catfish	Sheepshead	Whiting	Mullet	Florida pompano	Shrimp			Blue crabs	Oysters		Squid	Total				
												Brown and Pink	White	Other									
Jan	0	0	2,447	164	376	72	0	1,979	1,820	520	0	153	76	7,607	0	1,199	0	0	8,958	1,101,427	1,109,014		
Feb	0	0	5,621	0	1,884	53	0	4,729	2,346	34,992	0	100	0	49,725	0	0	0	0	8,295	886,138	944,158		
Mar	0	0	3,172	19	694	18	0	3,615	670	12,341	0	2,300	0	22,829	0	5,456	0	0	7,253	1,176,914	1,189,623		
Apr	0	0	2,953	7	1,402	60	2,810	3,046	598	9,392	0	6,145	5,609	32,222	0	69,771	0	60	60,197	1,029,177	1,159,205		
May	0	0	8,938	7	1,475	118	24,362	13,649	19	11,584	0	1,736	2,974	64,862	77,362	265,856	0	343,218	71,250	140,824	1,471	556,763	621,625
Jun	0	0	4,670	0	3,320	444	6,029	8,761	12	2,415	15	5,198	24,219	54,683	694,377	101,061	0	795,438	208,897	174,878	278	1,179,491	1,234,174
Jul	0	0	4,185	53	1,839	713	405	2,342	436	317	129	578	15,622	26,619	619,371	10,873	0	630,044	186,555	140,560	277	957,436	984,055
Aug	0	0	3,366	0	1,225	311	0	6,215	43	113	0	255	234	11,782	100,857	204,464	0	305,321	106,816	107,854	0	519,991	531,753
Sep	0	0	6,748	0	15,698	3,525	6	5,787	1,172	199	0	12,882	5,977	51,094	1,447	716,220	0	717,467	217,803	22,540	145	958,155	1,010,169
Oct	0	0	7,607	84	26,216	2,077	1,408	8,616	0	436	0	2,508	10,489	59,641	0	681,607	0	681,607	171,875	229,881	0	1,083,363	1,182,804
Nov	0	0	2,233	4	73,272	105	0	3,756	257	0	0	1,100	5,646	85,871	0	590,967	0	590,967	284,211	1,120,997	0	2,000,195	2,086,068
Dec	0	0	1,518	0	7,367	525	278	2,973	56	10,214	11	35	0	22,977	0	126,383	0	126,383	71,462	866,031	66	1,043,902	1,066,879
Total	0	0	53,458	318	130,968	8,021	35,298	64,568	1,029	82,531	154	12,900	10,846	600,506	1,491,614	2,773,657	0	4,267,071	1,407,577	6,067,064	2,777	12,663,986	13,134,578

Table 3. Weight (lb) of each species landed commercially from the Matagorda Bay system during calendar year 1963. Data based on MFR.

Month	Finfish											Shellfish					Grand total				
	Red drum	Spotted seatrout	Black drum	Sand seatrout	Flounder	Atlantic croaker	Gulf snail	Sheepshead	Whiting	Mullet	Florida pompano	Unclassified Food		Brown and Pink	Shrimp			Blue crabs	Oysters	Squid	Total
												Sculpin	Strip		White	Other					
Jan	0	0	23	0	157	0	0	0	0	0	0	0	180	0	9,882	0	9,882	54,928	40,391	0	105,201
Feb	0	0	0	0	29	0	0	0	0	0	0	0	29	0	7,849	0	7,849	6,029	18,952	0	32,830
Mar	0	0	16	0	177	0	0	0	67	0	0	0	260	8,462	0	0	8,462	6,515	51,433	0	66,410
Apr	0	0	26	0	261	0	0	4	178	0	0	0	469	26,912	0	0	26,912	8,215	39,516	0	74,643
May	0	0	199	0	1,131	0	0	100	164	0	175	0	1,789	446,294	23,354	0	469,648	53,783	0	0	523,431
Jun	0	0	3	0	672	1	0	1	0	0	4	0	681	2,070,603	101,822	0	2,172,425	56,273	0	0	2,228,698
Jul	0	0	152	0	1,394	29	0	19	66	0	75	0	1,735	554,249	1,241	0	555,490	40,212	0	0	595,702
Aug	0	0	201	0	1,772	0	0	0	3	0	0	0	1,976	98,369	686,230	0	784,599	142,254	0	109	926,962
Sep	0	0	25	27	89	1	15	10	7	0	0	0	174	0	637,087	0	637,087	133,488	0	0	770,575
Oct	0	0	356	0	1,496	0	0	48	102	0	0	0	2,002	0	985,130	0	985,130	145,634	0	0	1,130,764
Nov	0	0	663	375	5,679	0	0	59	178	0	49	0	7,003	0	841,655	0	841,655	131,566	12,723	0	985,944
Dec	0	0	32	0	815	0	0	0	2,729	0	0	0	3,576	0	319,908	0	319,908	17,793	36,925	0	374,626
Total	0	0	1,696	402	13,682	31	15	241	10	3,484	0	303	19,874	3,204,889	3,614,158	0	6,819,047	796,690	200,480	109	7,815,786

Table 4. Weight (lb) of each species landed commercially from the East Matagorda Bay system during calendar year 1963. Data based on MFR.

Month	Finfish											Shellfish					Grand total				
	Red drum	Spotted seatrout	Black drum	Sand seatrout	Flounder	Atlantic croaker	Gulf snail	Sheepshead	Whiting	Mullet	Florida pompano	Unclassified Food		Brown and Pink	Shrimp			Blue crabs	Oysters	Squid	Total
												Sculpin	Strip		White	Other					
Jan	0	0	150	0	136	0	0	18	0	0	0	3	307	0	0	0	0	58	0	0	58
Feb	0	0	31	0	28	0	0	94	0	0	0	0	153	0	0	0	0	0	0	0	0
Mar	0	0	70	0	35	0	0	140	0	0	0	0	245	0	0	0	75	0	0	0	75
Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May	0	0	0	0	69	0	0	0	0	0	0	0	69	0	0	0	0	0	0	0	0
Jun	0	0	199	0	102	0	0	0	0	0	0	0	301	0	0	0	0	7,763	0	0	7,763
Jul	0	0	0	0	17	0	0	0	0	0	0	0	17	0	0	0	0	0	0	0	0
Aug	0	0	0	9	104	0	3	0	0	0	0	0	116	0	0	0	0	101,353	0	0	101,353
Sep	0	0	0	0	378	0	0	0	0	0	0	0	378	0	0	0	0	204,055	0	0	204,055
Oct	0	0	3	235	4,758	1	0	0	0	0	0	0	4,997	0	0	0	0	64,619	0	0	64,619
Nov	0	0	0	75	1,193	0	0	0	0	0	0	0	1,270	0	0	0	0	76,532	8,301	0	84,833
Dec	0	0	0	0	27	0	0	12	0	0	0	0	39	0	0	0	17	9,268	0	0	9,285
Total	0	0	653	319	6,849	1	3	264	0	0	0	3	7,892	0	0	0	0	637,942	17,569	0	655,511

NOTE: Shrimp values are furnished to TPMP by MFRS, Division of Statistics-Market News, Galveston, Texas, and are preliminary.

Table 5. Weight (lb) of each species landed commercially from the San Antonio Bay system during calendar year 1983. Data based on MMPR.

Month	Finfish											Shellfish					Grand total			
	Red drum	Spotted seatrout	Black drum	Sand seatrout	Atlantic croaker	Gulfopassil catfish	Sheepshead	Whiting	Mullet	Florida pompano	Unclassified Food Scrap	Total	Shrimp			Blue crabs		Total		
													Brown and Pink	White	Other				Oysters	Squid
Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	53,424	26,619	0	80,043	80,043	
Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10,528	57,854	0	68,382	68,382	
Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	57,085	73,570	0	130,655	130,655	
Apr	0	0	526	0	206	0	147	0	0	0	0	879	56,184	0	56,184	92,100	0	305,811	306,690	
May	0	0	509	0	402	0	185	0	0	0	0	1,096	238,299	0	238,299	367,105	0	605,404	606,500	
Jun	0	0	384	0	650	0	131	0	0	0	0	1,604	560,297	291	560,588	451,979	0	1,012,622	1,014,226	
Jul	0	0	528	0	415	0	77	0	55	0	0	1,285	236,328	29	236,357	191,136	0	427,508	428,793	
Aug	0	0	483	0	598	0	362	0	105	0	0	2,084	3,099	99,875	102,974	244,115	0	347,089	349,173	
Sep	0	0	632	0	1,753	0	71	0	55	0	0	3,376	0	102,787	102,787	260,786	0	363,573	366,949	
Oct	0	0	723	0	1,006	0	0	0	0	0	0	2,258	0	142,631	142,631	332,332	0	474,963	477,221	
Nov	0	0	0	0	787	0	0	0	0	0	0	787	0	40,090	40,090	271,098	0	554,584	555,371	
Dec	0	0	2,909	0	253	0	0	0	0	0	0	3,428	0	0	149,674	142,085	0	291,759	295,187	
Total	0	0	6,894	0	6,070	0	641	0	215	0	0	16,797	1,094,207	385,703	1,479,910	2,546,789	635,624	70	4,662,393	4,679,190

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Table 6. Weight (lb) of each species landed commercially from the Aransas Bay system during calendar year 1983. Data based on MMPR.

Month	Finfish											Shellfish					Grand total		
	Red drum	Spotted seatrout	Black drum	Sand seatrout	Atlantic croaker	Gulfopassil catfish	Sheepshead	Whiting	Mullet	Florida pompano	Unclassified Food Scrap	Total	Shrimp			Blue crabs		Total	
													Brown and Pink	White	Other				Oysters
Jan	0	0	1,443	0	183	0	0	526	0	0	0	2,152	0	0	67,058	3,185	0	70,243	72,195
Feb	0	0	6,872	0	90	0	11,794	0	0	0	0	18,756	0	1,703	74,374	0	0	76,077	94,833
Mar	0	0	4,677	0	2,641	0	4,706	0	0	0	0	12,024	13,277	0	13,277	58,480	0	71,757	83,781
Apr	0	0	3,549	0	1,927	0	1,166	0	0	0	0	6,642	68,294	0	68,294	151,438	6,536	276,268	232,910
May	0	0	1,398	0	1,054	0	83	24	0	0	0	2,559	915,157	38	915,195	170,938	0	1,086,153	1,088,712
Jun	0	0	819	0	1,753	0	0	789	0	0	0	3,361	1,338,589	21,975	1,360,564	230,388	0	1,590,997	1,594,358
Jul	0	0	8,020	0	5,425	0	369	0	0	0	2,941	16,755	619,284	602	619,886	460,601	0	1,080,527	1,097,282
Aug	0	0	932	0	3,042	0	0	0	0	0	0	3,974	145,618	139,967	285,585	292,851	0	578,436	582,410
Sep	0	0	2,327	0	2,159	292	0	3,672	77	0	0	8,527	5,137	277,425	282,962	210,802	0	513,764	522,291
Oct	0	0	3,043	0	9,098	813	231	529	0	0	0	13,714	0	235,470	291,298	0	0	526,768	540,482
Nov	0	0	14,655	0	17,890	88	0	714	0	0	0	33,347	16,948	115,365	243,336	49,123	0	424,752	458,099
Dec	0	0	4,115	0	22,534	0	0	1,108	0	0	0	63,399	0	0	237,619	58,275	0	295,694	319,093
Total	0	0	51,580	0	63,796	1,193	114	27,397	0	13,606	0	2,942	3,122,304	292,925	3,915,229	2,508,983	105	6,561,616	6,706,666

Table 7. Weight (lb) of each species landed commercially from the Corpus Christi Bay system during calendar year 1983. Data based on MPR.

Month	Finfish										Shrimp				Shellfish				Grand total				
	Red drum	Spotted seatrout	Black drum	Sand seatrout	Flounder	Atlantic croaker	Gafftopsail catfish	Sheepshead	Whiting	Mullet	Florida pompano	Unclassified Food Scrap	Total	Brown and Pink	White	Other	Total	Blue crabs		Oysters	Squid	Total	
Jan	0	0	6,180	176	2,234	7,188	0	4,656	0	0	0	0	20,434	0	229	0	229	0	0	0	229	20,663	
Feb	0	0	3,937	0	114	0	0	13,853	0	0	0	0	17,904	0	379	0	379	27,095	0	0	0	27,474	45,378
Mar	0	0	7,365	0	227	0	0	32,389	0	0	0	0	39,981	15,390	0	0	0	15,390	0	0	0	15,390	55,371
Apr	0	0	9,324	0	159	0	509	2,855	0	0	0	0	12,847	31,999	0	0	0	31,999	0	0	0	31,999	44,846
May	0	0	3,658	0	80	68	629	1,759	0	0	0	0	6,394	157,333	215	0	0	157,548	91,760	0	0	249,308	255,702
Jun	0	0	7,814	0	96	0	0	10	0	0	0	0	7,920	505,295	1,124	0	0	506,419	0	0	0	506,419	514,319
Jul	0	0	0	0	32	0	65	0	0	0	0	0	97	49,295	0	0	0	49,295	0	0	0	49,295	49,382
Aug	0	0	5,034	0	725	0	29	0	0	0	0	0	5,788	17,728	29,680	0	0	47,408	47,658	0	15	95,081	100,869
Sep	0	0	4,407	0	276	0	0	15	0	0	0	0	4,698	248,369	5,644	0	0	254,013	32,536	0	0	286,549	291,247
Oct	0	0	8,336	0	7,818	441	15	1,319	0	0	0	0	17,929	44,650	222,584	0	0	267,244	32,359	0	20	299,623	317,532
Nov	0	0	28,693	0	38,108	66	0	3,131	0	0	0	0	69,998	65,362	161,325	0	0	226,687	238	0	0	226,925	296,923
Dec	0	0	20,936	0	24,553	0	0	27,208	0	0	0	0	72,697	0	44,940	0	0	44,940	111	0	0	45,051	117,748
Total	0	0	105,864	176	74,422	7,763	1,247	87,195	0	0	0	0	276,687	1,135,421	466,130	0	0	1,601,551	231,257	0	35	1,833,343	2,110,030

Table 8. Weight (lb) of each species landed commercially from the upper Laguna Madre Bay system during calendar year 1983. Data based on MPR.

Month	Finfish										Shrimp				Shellfish				Grand total				
	Red drum	Spotted seatrout	Black drum	Sand seatrout	Flounder	Atlantic croaker	Gafftopsail catfish	Sheepshead	Whiting	Mullet	Florida pompano	Unclassified Food Scrap	Total	Brown and Pink	White	Other	Total	Blue crabs		Oysters	Squid	Total	
Jan	0	0	81,704	0	3,645	6	0	11,850	0	0	0	0	97,205	0	0	0	0	0	0	0	0	97,205	
Feb	0	0	78,701	0	1,432	0	0	12,724	0	0	0	0	92,857	0	0	0	0	1,437	0	0	0	1,437	94,294
Mar	0	0	180,874	0	8,736	0	0	4,100	0	0	0	0	193,710	0	0	0	0	3,538	0	0	0	3,538	197,248
Apr	0	0	105,008	0	2,344	0	0	4,662	0	0	0	0	112,034	0	0	0	0	2,170	0	0	0	2,170	114,204
May	0	0	93,364	0	7,942	0	0	7,025	0	0	1	0	106,332	0	0	0	0	1,108	0	0	0	1,108	109,440
Jun	0	0	64,887	0	864	0	0	2,092	0	0	3	0	67,846	0	0	0	0	0	0	0	0	0	67,846
Jul	0	0	84,316	0	780	0	0	1,528	0	0	13	0	86,637	0	0	0	0	0	0	0	0	0	86,637
Aug	0	0	21,007	0	363	0	0	2,212	0	0	31	0	23,613	0	0	0	0	5	0	0	0	5	23,618
Sep	0	0	116,517	0	673	0	0	3,019	0	0	136	0	120,745	0	0	0	0	2,812	0	0	0	2,812	123,157
Oct	0	0	47,687	0	1,811	0	0	6,087	0	0	74	0	55,659	0	0	0	0	1,130	0	0	0	1,130	56,789
Nov	0	0	68,365	0	6,487	0	0	11,941	0	0	451	0	87,244	0	0	0	0	90	0	0	0	90	87,334
Dec	0	0	79,156	0	15,001	0	0	13,600	0	0	30	0	107,787	0	0	0	0	0	0	0	0	0	107,787
Total	0	0	1,021,586	0	50,078	6	0	80,860	0	0	739	0	1,153,749	0	0	0	0	17,290	0	0	0	17,290	1,165,559

Table 9. Weight (lb) of each species landed commercially from the lower Laguna Madre Bay system during calendar year 1983. Data based on MWR.

Month	Finfish												Shrimp					Shellfish			Grand total		
	Red drum	Spotted seatrout	Black drum	Sand seatrout	Flounder	Atlantic croaker	Gafftopsail catfish	Sheepshead	Whiting	Mullet	Florida pompano	Unclassified Food Sculp	Total	Brown and Pink	White	Other	Total	Blue crabs	Dysters	Squid		Total	
Jan	0	0	57,673	0	849	207	0	2,912	0	0	0	0	61,641	0	0	0	0	46,226	0	0	0	46,226	107,867
Feb	0	0	22,761	0	1,004	234	0	905	0	0	0	27	24,931	0	0	0	0	40,583	0	0	0	40,583	65,514
Mar	0	0	24,968	0	1,122	6	0	613	0	4	4	31	26,744	0	0	0	0	38,750	315	0	0	39,065	65,809
Apr	0	0	18,288	0	4,563	888	0	1,412	0	4,145	165	60	29,521	0	0	0	0	20,926	735	0	0	21,661	51,182
May	0	0	16,721	0	7,014	186	0	356	0	1	5,184	0	29,462	0	0	0	0	49,156	298	0	0	49,454	76,916
Jun	0	0	8,450	0	9,042	896	0	485	0	0	0	0	19,673	0	0	0	0	55,750	333	0	0	56,083	75,756
Jul	0	0	6,734	0	3,782	56	0	262	0	0	0	0	10,334	0	0	0	0	49,260	385	0	0	49,645	59,979
Aug	0	0	6,943	0	4,162	0	0	78	0	0	0	55	11,238	0	0	0	0	35,565	210	0	0	35,775	47,013
Sep	0	0	3,181	0	1,056	0	0	0	0	0	10	8	4,255	0	0	0	0	33,400	263	0	0	33,663	37,918
Oct	0	0	11,681	0	3,294	0	0	205	0	4	4	311	15,295	0	0	0	0	58,260	228	0	0	58,488	73,783
Nov	0	0	21,772	0	5,842	0	0	498	109	126	16	197	28,879	0	0	0	0	27,392	263	0	0	27,655	56,534
Dec	0	0	40,112	0	2,405	0	0	363	0	0	0	144	43,024	0	0	0	0	23,824	403	0	0	24,227	67,251
Total	0	0	238,784	0	44,935	2,473	0	8,089	109	126	4,180	5,922	379,997	0	0	0	0	479,092	3,433	0	0	482,525	787,522

Table 10. Ex-vessel value (\$) of each species landed commercially from the Sabine Lake during calendar year 1983. Data based on MPR.

Month	Pinfish												Shellfish					Grand Total				
	Red drum	Spotted seatrout	Black drum	Sand seatrout	Flounder	Atlantic croaker	Gafftopsail catfish	Sheepshead	Whiting	Mullet	Florida pompano	Unclassified Food Scrap	Total	Brown and Pink	White	Other	Blue crabs		Oysters	Squid	Total	
Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	37	37
Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,029	0	1,029	2,027	0	0	3,056	3,056
Mar	0	0	0	0	0	0	0	59	0	0	0	0	59	0	0	0	1,823	0	0	1,823	1,882	
Apr	0	0	0	0	0	0	0	212	0	0	0	0	212	0	0	0	693	0	0	693	905	
May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10,602	0	0	10,602	10,602	
Jun	0	0	8	0	16	0	0	7	0	0	0	21	52	0	0	0	24,437	0	0	24,437	24,489	
Jul	0	0	63	0	0	0	0	35	0	0	0	0	98	0	0	0	2,866	0	0	2,866	2,964	
Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	275	0	0	275	275	
Sep	0	0	33	0	130	0	0	5	0	0	0	0	168	0	0	0	796	0	0	796	964	
Oct	0	0	0	0	162	0	0	30	0	0	0	0	192	0	0	0	9,295	0	0	9,295	9,487	
Nov	0	0	0	0	104	0	0	0	0	0	0	0	104	0	0	0	20,041	0	0	20,041	20,145	
Dec	0	0	93	0	0	0	0	0	0	0	0	0	93	0	0	0	1,764	0	0	1,764	1,857	
Total	0	0	197	0	412	0	0	94	254	0	0	21	978	0	1,029	0	1,029	24,656	0	0	75,685	76,663

Table 11. Ex-vessel value (\$) of each species landed commercially from Galveston Bay system during calendar year 1983. Data based on MPR.

Month	Finfish												Shellfish					Grand Total				
	Red drum	Spotted seatrout	Black drum	Sand seatrout	Flounder	Atlantic croaker	Gafftopsail catfish	Sheepshead	Whiting	Mullet	Florida pompano	Unclassified Food Scrap	Total	Brown and Pink	White	Other	Blue crabs		Oysters	Squid	Total	
Jan	0	0	751	47	354	18	0	483	457	105	0	83	2,313	0	839	0	839	4,069	1,456,854	0	1,461,762	1,466,075
Feb	0	0	2,434	0	1,667	13	0	997	470	3,502	0	20	9,103	0	0	0	3,754	1,111,440	0	1,124,297	1,124,297	
Mar	0	0	1,663	5	729	5	0	1,135	201	1,235	0	361	5,334	0	7,421	0	3,690	1,569,943	0	1,581,054	1,586,388	
Apr	0	0	1,358	2	1,688	42	527	920	150	981	0	1,208	7,437	0	159,351	0	29,023	1,356,393	21	1,544,788	1,552,225	
May	0	0	4,848	1	1,286	61	5,367	2,945	4	1,241	0	426	16,711	98,165	651,846	0	29,741	166,233	686	946,671	963,382	
Jun	0	0	2,302	0	3,661	122	906	1,874	3	333	11	2,160	13,824	619,731	323,175	0	71,935	239,496	197	1,254,534	1,268,358	
Jul	0	0	2,135	13	1,801	187	78	644	125	96	32	245	6,976	598,644	25,825	0	57,080	207,342	118	889,009	895,985	
Aug	0	0	940	0	1,236	117	0	1,112	11	14	0	83	3,393	183,864	266,713	0	36,847	147,882	0	635,306	638,899	
Sep	0	0	3,786	0	13,299	1,179	1	1,128	343	30	0	5,746	27,896	2,749	880,660	0	98,406	30,912	73	1,013,800	1,041,696	
Oct	0	0	3,273	59	27,483	488	281	1,637	0	87	0	1,054	36,012	0	773,147	0	67,229	315,324	0	1,155,700	1,191,712	
Nov	0	0	1,095	1	64,783	27	0	685	65	0	0	506	68,636	0	698,799	0	98,054	1,888,717	0	2,685,570	2,756,207	
Dec	0	0	592	0	7,381	123	42	529	14	1,223	3	7	9,914	0	147,556	0	20,730	1,455,748	18	1,624,052	1,633,966	
Total	0	0	25,177	128	125,378	2,382	7,202	14,099	1,963	8,867	46	11,910	102,778	1,503,153	3,935,312	0	5,438,685	9,946,284	1,113	15,907,440	16,115,190	

Table 12. Ex-vessel value (\$) of each species landed commercially from Matagorda Bay system during calendar year 1983. Data based on MPR.

Month	Finfish										Shellfish				Grand total					
	Red drum	Spotted seatrout	Black drum	Sand seatrout	Flounder	Atlantic croaker	Cofftopail catfish	Sheepshead	Whiting	Mullet	Florida pompano	Unclassified Food Scrap	Total	Other		Total	Blue crabs	Oysters	Squid	Total
Jan	0	0	10	0	181	0	0	0	0	0	0	0	191	0	10,673	20,939	48,245	0	79,857	80,048
Feb	0	0	0	0	35	0	0	0	0	0	0	0	35	0	7,386	2,114	24,762	0	34,262	34,297
Mar	0	0	13	0	221	0	0	0	34	0	0	0	268	0	8,593	2,280	65,514	0	76,387	76,655
Apr	0	0	21	0	325	0	0	2	89	0	0	0	437	0	52,400	4,929	51,408	0	108,737	109,174
May	0	0	163	0	1,408	0	0	80	82	0	88	0	1,821	0	608,789	64,463	0	0	691,985	693,786
Jun	0	0	2	0	840	0	0	1	0	0	4	0	847	0	2,559,124	22,518	0	0	2,905,451	2,906,298
Jul	0	0	130	0	1,741	13	0	9	33	0	68	0	1,994	0	562,915	14,881	0	0	582,400	584,394
Aug	0	0	152	0	2,191	0	0	0	1	0	0	0	2,344	0	1,261,627	39,470	0	55	1,482,378	1,484,722
Sep	0	0	18	32	97	0	7	5	2	0	0	0	161	0	966,653	31,863	0	0	1,000,516	1,000,677
Oct	0	0	298	0	1,828	0	0	22	51	0	0	0	2,199	0	1,637,746	38,106	0	0	1,675,852	1,678,051
Nov	0	0	491	131	6,107	0	0	27	89	0	14	0	6,859	0	1,112,716	41,866	20,587	0	1,175,169	1,182,028
Dec	0	0	14	0	734	0	0	0	246	0	0	0	994	0	318,459	5,338	54,240	0	378,037	379,031
Total	0	0	1,312	163	15,208	13	7	146	3	624	0	174	18,150	0	3,973,047	5,708,136	264,756	55	10,191,011	10,209,161

Table 13. Ex-vessel value (\$) of each species landed commercially from the East Matagorda Bay system during calendar year 1983. Data based on MPR.

Month	Finfish										Shellfish				Grand total					
	Red drum	Spotted seatrout	Black drum	Sand seatrout	Flounder	Atlantic croaker	Cofftopail catfish	Sheepshead	Whiting	Mullet	Florida pompano	Unclassified Food Scrap	Total	Other		Total	Blue crabs	Oysters	Squid	Total
Jan	0	0	105	0	145	0	0	8	0	0	0	0	260	0	0	0	23	0	23	283
Feb	0	0	27	0	21	0	0	42	0	0	0	0	85	0	0	0	0	0	0	85
Mar	0	0	49	0	42	0	0	63	0	0	0	0	154	0	0	38	0	0	38	192
Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May	0	0	0	0	62	0	0	0	0	0	0	0	62	0	0	2,162	0	0	2,162	2,624
Jun	0	0	139	0	112	0	0	0	0	0	0	0	251	0	0	45,868	0	0	45,868	46,119
Jul	0	0	0	0	14	0	0	0	0	0	0	0	14	0	0	0	0	0	0	14
Aug	0	0	0	9	96	0	2	0	0	0	0	0	107	0	0	24,342	0	0	24,342	24,449
Sep	0	0	0	0	269	0	0	0	0	0	0	0	269	0	0	48,973	0	0	48,973	49,242
Oct	0	0	1	212	6,661	0	0	0	0	0	0	0	6,874	0	0	16,175	0	0	16,175	21,049
Nov	0	0	0	60	924	0	0	0	0	0	0	0	984	0	0	19,145	14,487	0	33,632	34,616
Dec	0	0	0	0	38	0	0	4	0	0	0	0	42	0	0	9	12,498	0	12,507	12,549
Total	0	0	316	781	6,184	0	7	117	0	624	0	174	9,102	0	0	157,135	26,285	0	184,120	191,272

Table 14. Ex-vessel value (\$) of each species landed commercially from the San Antonio Bay system during calendar year 1983. Data based on NWR.

Month	Finfish													Shellfish				Grand total					
	Red drum	Spotted seatrout	Black drum	Sand seatrout	Flounder	Atlantic croaker	Gafftopsail catfish	Sheepshead	Whiting	Mullet	Florida pompano	Unclassified Food Scrap			Brown and Pink	Shrimp			Blue crabs	Oysters	Squid	Total	
												Total	Florida pompano	Scrap		White	Other						Total
Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22,030	32,136	0	54,166	
Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,685	69,426	0	73,111		
Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34,490	88,284	0	122,774		
Apr	0	0	368	0	267	0	0	29	0	0	0	644	87,085	0	0	0	0	87,085	116,079	0	291,015		
May	0	0	356	0	458	0	56	0	0	0	0	870	295,491	0	0	0	0	295,491	156,128	0	451,619		
Jun	0	0	269	0	799	0	77	0	0	0	0	1,212	616,327	964	0	0	0	617,311	181,192	0	798,531		
Jul	0	0	396	0	560	0	53	0	0	0	0	1,051	302,500	108	0	0	0	302,608	71,630	0	374,246		
Aug	0	0	362	0	797	0	109	0	0	0	0	1,401	5,795	203,745	0	0	0	209,540	91,649	0	301,189		
Sep	0	0	442	0	2,216	0	21	0	11	0	0	2,797	0	216,881	0	0	0	216,881	96,490	0	313,371		
Oct	0	0	506	0	1,330	0	0	0	0	0	0	1,942	0	172,584	0	0	0	172,584	121,449	0	294,033		
Nov	0	0	1,400	0	905	0	0	0	0	0	0	905	0	44,099	0	0	0	44,099	100,561	378,331	522,991		
Dec	0	0	4,299	0	7,221	0	211	0	65	0	0	1,932	0	638,401	0	0	0	638,401	53,950	224,684	278,634		
Total	0	0	4,299	0	7,221	0	211	0	65	0	0	12,774	1,307,198	638,401	0	1,943,599	1,021,105	908,940	36	3,875,680	3,888,434		

Table 15. Ex-vessel value (\$) of each species landed commercially from the Aransas Bay system during calendar year 1983. Data based on NWR.

Month	Finfish													Shellfish				Grand total					
	Red drum	Spotted seatrout	Black drum	Sand seatrout	Flounder	Atlantic croaker	Gafftopsail catfish	Sheepshead	Whiting	Mullet	Florida pompano	Unclassified Food Scrap			Brown and Pink	Shrimp			Blue crabs	Oysters	Squid	Total	
												Total	Florida pompano	Scrap		White	Other						Total
Jan	0	0	731	0	220	0	0	105	0	0	0	1,056	0	0	0	0	0	28,972	4,368	0	33,340		
Feb	0	0	4,122	0	108	0	0	1,183	0	0	0	5,413	0	2,452	0	0	0	2,452	39,085	0	41,537		
Mar	0	0	2,604	0	2,527	0	0	471	0	0	0	5,602	26,288	0	0	0	0	26,288	34,203	0	60,491		
Apr	0	0	1,950	0	1,898	0	0	347	0	0	0	4,195	124,295	0	0	0	0	124,295	69,521	9,325	203,141		
May	0	0	970	0	1,104	0	32	11	0	0	0	2,117	1,189,704	99	0	0	0	1,189,803	70,657	0	1,260,463		
Jun	0	0	573	0	2,376	0	0	158	0	0	0	3,107	1,325,203	69,881	0	0	0	1,395,084	85,050	0	1,480,152		
Jul	0	0	6,808	0	6,510	0	0	109	0	0	0	16,074	829,841	2,390	0	0	0	832,231	174,213	0	1,006,484		
Aug	0	0	513	0	4,107	0	0	0	0	0	0	4,620	294,148	279,934	0	0	0	574,082	107,053	0	681,135		
Sep	0	0	1,286	0	2,724	58	0	734	0	15	0	4,817	4,932	602,880	0	0	0	607,812	85,207	0	693,019		
Oct	0	0	1,681	0	8,703	163	46	132	0	0	0	10,725	0	332,013	0	0	0	332,013	291,298	0	623,311		
Nov	0	0	6,839	0	15,382	16	0	143	0	0	0	22,382	24,405	139,567	0	0	0	163,972	84,085	81,501	329,558		
Dec	0	0	2,199	0	18,917	0	0	683	0	1,482	0	21,099	0	0	0	0	0	65,539	88,711	0	154,250		
Total	0	0	30,276	0	66,576	239	78	3,876	0	1,497	0	101,207	3,818,816	1,679,216	0	5,748,032	9,171,886	181,905	61	6,369,186	6,472,391		

Table 16. Ex-vessel value (\$) of each species landed commercially from the Corpus Christi Bay system during calendar year 1983. Data based on MPR.

Month	Finfish											Shellfish					Grand total						
	Red drum	Spotted seatrout	Black drum	Sand seatrout	Flounder	Atlantic croaker	Gafftopsail catfish	Sheepshead	Whiting	Mullet	Florida pompano	Unclassified Food Scrap	Total	Brown and Pink	White	Other		Total	Blue crabs	Oysters	Squid	Total	
Jan	0	0	4,398	35	2,649	1,078	0	904	0	0	0	0	9,064	0	149	0	149	0	0	0	149	9,213	
Feb	0	0	2,558	0	132	0	0	3,487	0	0	0	0	6,177	0	474	0	474	10,296	0	0	0	10,770	16,947
Mar	0	0	4,851	0	274	0	0	8,095	0	0	0	0	13,220	27,708	0	0	27,708	0	0	0	27,708	40,928	
Apr	0	0	6,643	0	193	0	76	902	0	0	0	0	7,814	53,249	860	0	53,249	0	0	0	53,249	61,063	
May	0	0	2,563	0	92	20	157	525	0	0	0	0	3,357	141,056	860	0	141,916	41,292	0	0	0	183,208	186,565
Jun	0	0	5,466	0	115	0	0	2	0	0	0	0	5,583	434,800	4,215	0	439,015	0	0	0	439,015	444,598	
Jul	0	0	0	0	38	0	36	0	0	0	0	0	74	62,514	0	0	62,514	0	0	0	62,514	62,588	
Aug	0	0	3,267	0	965	0	16	0	0	0	0	0	4,248	32,783	64,098	0	96,881	17,636	0	8	14,525	118,773	
Sep	0	0	3,085	0	331	0	0	3	0	0	0	0	3,419	555,678	13,038	0	568,716	12,038	0	0	580,754	584,173	
Oct	0	0	5,420	0	8,602	110	6	393	0	0	0	0	14,531	45,967	474,433	0	520,400	11,973	0	10	532,383	546,914	
Nov	0	0	15,965	0	36,518	17	0	768	0	0	0	0	53,268	66,016	278,569	0	344,585	95	0	0	344,680	397,948	
Dec	0	0	14,430	0	22,962	0	0	7,890	0	0	0	0	45,282	0	60,800	0	60,800	0	0	0	60,800	106,121	
Total	0	0	68,646	35	72,871	1,225	291	22,969	0	0	0	0	166,037	1,419,771	896,636	0	2,316,407	93,369	0	18	2,409,796	2,575,831	

Table 17. Ex-vessel value (\$) of each species landed commercially from the upper Laguna Madre system during calendar year 1983. Data based on MPR.

Month	Finfish											Shellfish					Grand total					
	Red drum	Spotted seatrout	Black drum	Sand seatrout	Flounder	Atlantic croaker	Gafftopsail catfish	Sheepshead	Whiting	Mullet	Florida pompano	Unclassified Food Scrap	Total	Brown and Pink	White	Other		Total	Blue crabs	Oysters	Squid	Total
Jan	0	0	52,291	0	3,591	1	0	2,359	0	0	0	0	58,242	0	0	0	58,242	0	0	0	0	58,242
Feb	0	0	40,831	0	1,449	0	0	3,234	0	0	0	0	45,534	0	0	0	45,534	647	0	0	647	46,181
Mar	0	0	115,809	0	8,425	0	0	1,058	0	0	0	0	125,292	0	0	0	125,292	1,769	0	0	1,769	127,061
Apr	0	0	73,753	0	2,294	0	0	1,142	0	0	0	0	77,189	0	0	0	77,189	1,085	0	0	1,085	78,274
May	0	0	63,863	0	7,665	0	0	2,553	0	0	2	0	74,083	0	0	0	74,083	554	0	0	554	74,637
Jun	0	0	51,841	0	1,066	0	0	675	0	0	4	0	53,586	0	0	0	53,586	0	0	0	0	53,586
Jul	0	0	71,551	0	1,096	0	0	535	0	0	21	0	73,203	0	0	0	73,203	0	0	0	0	73,203
Aug	0	0	12,958	0	508	0	0	664	0	0	43	0	14,173	0	0	0	14,173	3	0	0	3	14,176
Sep	0	0	93,001	0	827	0	0	975	0	0	199	0	95,002	0	0	0	95,002	1,406	0	0	1,406	96,408
Oct	0	0	30,965	0	2,173	0	0	2,130	0	0	107	0	35,375	0	0	0	35,375	565	0	0	565	35,940
Nov	0	0	47,936	0	7,285	0	0	2,883	0	0	641	0	59,245	0	0	0	59,245	45	0	0	45	59,290
Dec	0	0	56,066	0	17,066	0	0	3,810	0	0	43	0	74,965	0	0	0	74,965	0	0	0	0	74,965
Total	0	0	708,865	0	53,965	1	0	22,018	0	0	1,060	0	785,889	0	0	0	785,889	6,074	0	0	6,074	791,964

Table 18. Ex-vessel value (\$) of each species landed commercially from Lower Laguna Madre system during calendar year 1983. Data based on MWR.

Month	Finfish										Shellfish				Grand total									
	Red drum	Spotted seatrout	Black drum	Sand seatrout	Flounder	Atlantic croaker	Gafftopsail catfish	Sheepshead	Whiting	Mullet	Florida pompano	Unclassified Food Scrap	Total	Brown and Pink		White	Other	Total	Dysters	Squid	Total			
Jan	0	0	21,079	0	806	21	0	291	0	0	0	0	22,197	0	0	0	0	0	0	13,078	0	0	13,078	35,275
Feb	0	0	12,064	0	1,064	23	0	91	0	0	0	3	13,245	0	0	0	0	0	0	14,758	0	0	14,758	27,503
Mar	0	0	13,980	0	1,058	1	0	123	0	0	7	5	15,174	0	0	0	0	0	0	15,500	432	0	15,932	31,106
Apr	0	0	11,527	0	4,118	178	0	146	0	0	1,244	83	17,299	0	0	0	0	0	0	12,556	1,176	0	13,732	31,031
May	0	0	7,587	0	6,863	19	0	50	0	0	1	1,555	16,075	0	0	0	0	0	0	18,214	510	0	18,824	34,899
Jun	0	0	4,721	0	9,274	90	0	59	0	0	0	0	14,144	0	0	0	0	0	0	23,335	570	0	23,905	38,049
Jul	0	0	4,112	0	4,448	14	0	66	0	0	0	0	8,640	0	0	0	0	0	0	20,064	660	0	20,744	29,784
Aug	0	0	4,550	0	5,490	0	0	20	0	0	0	40	10,100	0	0	0	0	0	0	14,736	360	0	15,096	25,196
Sep	0	0	2,016	0	1,291	0	0	0	0	0	14	10	3,331	0	0	0	0	0	0	13,144	450	0	13,594	16,925
Oct	0	0	7,195	0	3,376	0	0	51	0	0	6	22	10,650	0	0	0	0	0	0	21,580	325	0	21,905	32,555
Nov	0	0	13,287	0	4,982	0	0	125	35	57	23	73	18,630	0	0	0	0	0	10,550	485	0	11,035	29,665	
Dec	0	0	24,179	0	2,816	0	0	89	0	0	0	29	27,113	0	0	0	0	0	6,413	828	0	7,241	34,354	
Total	0	0	126,297	0	45,566	346	0	1,111	35	57	1,295	1,820	176,598	0	0	0	0	0	183,548	5,796	0	189,344	365,942	

Appendix E. Total monthly commercial finfish and shellfish (except shrimp) landings (lb) and ex-vessel value (\$) from the Gulf of Mexico grid areas for calendar year 1983.

Table 1. Weight (lb) of commercial finfish and shellfish (except shrimp) landings from the Gulf of Mexico grid area 17.0 during calendar year 1983. Data based on NMR.

Year	Finfish													Shellfish		Grand Total				
	Red drum	Spotted seatrout	Black drum	Sand seatrout	Flounder	Atlantic croaker	Gafftopsail catfish	Sheepshead	Whiting	Mullet	Florida pompano	Unclassified Food Scrap	Cobia	Grouper	Snapper		Total	Blue crabs	Squid	Total
Jan	0	0	0	0	450	0	0	128	385	0	0	0	0	0	372	1,294	458	0	458	1,752
Feb	0	0	70	0	233	8	0	21	179	0	0	468	0	0	566	1,545	0	0	0	1,545
Mar	0	0	14	0	80	0	0	7	49	0	0	50	0	0	211	411	181	0	181	592
Apr	0	0	51	0	59	0	0	52	0	0	0	185	0	0	644	991	0	0	0	991
May	0	0	27	0	130	0	0	64	65	0	0	100	0	0	0	386	0	0	0	386
Jun	0	0	0	0	357	0	0	0	249	0	0	0	0	0	0	606	243	0	0	849
Jul	0	0	0	0	23	0	14	0	39	0	0	225	0	0	353	654	0	0	0	654
Aug	0	0	0	0	217	0	0	0	17	0	0	0	0	0	0	234	0	0	0	234
Sep	0	0	85	0	139	0	9	44	0	0	0	200	0	0	1,757	2,234	0	0	0	2,234
Oct	0	0	0	0	623	0	0	0	0	0	0	0	0	0	1,482	2,105	1,620	0	1,620	3,725
Nov	0	0	0	0	1,008	0	0	125	28	0	0	100	0	0	214	1,475	2,648	0	2,648	4,123
Dec	0	0	0	0	387	0	0	33	71	0	0	0	0	0	0	491	205	150	355	846
Total	0	0	247	0	3,715	8	23	474	1,082	0	0	518	860	0	5,269	12,476	5,355	150	5,505	17,981

Table 2. Weight (lb) of commercial finfish and shellfish (except shrimp) landings from the Gulf of Mexico grid area 18.0 during calendar year 1983. Data based on NMR.

Year	Finfish													Shellfish		Grand Total				
	Red drum	Spotted seatrout	Black drum	Sand seatrout	Flounder	Atlantic croaker	Gafftopsail catfish	Sheepshead	Whiting	Mullet	Florida pompano	Unclassified Food Scrap	Cobia	Grouper	Snapper		Total	Blue crabs	Squid	Total
Jan	0	0	0	0	999	0	0	409	154	0	0	0	175	3,408	7,603	12,748	0	0	0	12,748
Feb	0	0	0	0	1,269	0	0	0	339	0	0	0	0	750	5,342	7,700	56	13	71	7,771
Mar	0	0	215	0	818	0	0	375	291	2,400	0	0	313	367	8,658	13,437	571	83	654	14,091
Apr	0	0	0	0	112	0	104	0	24	477	0	0	0	294	5,508	6,519	932	354	1,286	7,805
May	0	0	99	0	1,402	0	0	0	460	3,865	0	0	578	318	11,298	18,020	3,347	343	3,690	21,710
Jun	0	0	52	0	725	0	925	249	0	0	0	0	591	574	5,872	8,988	8,324	48	8,372	17,360
Jul	0	0	651	0	3,206	0	0	789	1,596	4,470	0	0	2,906	240	11,261	25,119	4,147	44	4,191	29,310
Aug	0	0	65	0	3,837	72	243	147	924	2,582	0	156	0	160	7,051	16,351	7,096	72	7,168	23,519
Sep	0	0	0	0	2,484	0	2,678	10	810	1,286	0	0	1,030	338	15,179	15,179	2,234	0	2,234	26,039
Oct	0	0	0	0	3,092	0	0	0	890	1,079	31	448	0	53	7,873	13,742	0	61	61	13,803
Nov	0	0	1,055	0	8,158	0	615	173	1,480	2,953	0	17	14	374	9,213	24,252	0	230	230	24,482
Dec	0	0	0	0	11,348	88	0	122	1,770	810	0	0	0	0	2,807	16,945	0	40	40	16,985
Total	0	0	2,137	0	37,650	160	6,565	2,264	8,738	19,992	31	621	0	6,997	97,665	187,696	26,709	1,288	27,997	215,673

Table 5. Weight (lb) of commercial finfish and shellfish (except shrimp) landings from the Gulf of Mexico grid area 21.0 during calendar year 1983. Data based on WGR.

Year	Finfish										Shellfish			Grand total						
	Red drum	Spotted seatrout	Black drum	Sand seatrout	Flounder	Atlantic croaker	Gafftopsail catfish	Sheepshead	Whiting	Mullet	Florida pompano	Unclassified Food Scrap	Cobia		Grouper	Snapper	Total	Blue crabs	Squid	Total
Jan	0	0	1,131	0	753	0	0	0	34	0	6	3,196	0	38	6,813	11,971	0	0	0	11,971
Feb	0	0	150	0	215	0	0	200	0	100	0	2,742	0	646	6,078	12,931	100	0	100	13,031
Mar	0	0	0	0	215	0	0	0	0	0	0	2,322	0	90	2,335	4,962	0	0	0	4,962
Apr	0	0	790	0	0	0	0	0	118	0	0	0	0	412	6,519	7,839	0	0	0	7,839
May	0	0	1,003	0	484	0	0	0	0	0	0	3,753	0	436	9,715	11,638	0	0	0	11,638
Jun	0	0	85	0	10	0	0	0	0	0	0	3,753	9	2,314	5,070	11,241	0	0	0	11,241
Jul	0	0	0	0	1,050	0	0	0	23	0	0	1,211	0	139	2,975	6,533	0	95	95	6,628
Aug	0	0	0	0	472	0	0	0	0	0	0	3,215	0	0	16,967	20,793	360	0	360	21,153
Sep	0	0	0	0	215	0	0	0	0	0	0	0	0	0	1,368	1,583	0	0	0	1,583
Oct	0	0	213	0	210	45	0	4	0	0	0	3,861	0	0	11,224	15,557	0	136	136	15,693
Nov	0	0	1,091	0	1,155	125	1,002	33	0	61	0	6,037	0	182	1,531	11,217	0	208	208	11,425
Dec	0	0	2,100	0	3,560	0	0	0	54	257	0	2,515	0	0	3,525	12,011	0	1,213	1,213	13,224
Total	0	0	6,563	0	8,339	170	1,002	237	229	418	6	28,852	9	5,531	76,920	128,276	460	1,652	2,112	130,388

Table 6. E-reveal (lb) value of commercial finfish and shellfish (except shrimp) landings from the Gulf of Mexico grid area 17.0 during calendar year 1983. Data based on WGR.

Year	Finfish										Shellfish			Grand total						
	Red drum	Spotted seatrout	Black drum	Sand seatrout	Flounder	Atlantic croaker	Gafftopsail catfish	Sheepshead	Whiting	Mullet	Florida pompano	Unclassified Food Scrap	Cobia		Grouper	Snapper	Total	Blue crabs	Squid	Total
Jan	0	0	0	0	252	0	0	0	19	39	0	0	0	0	628	938	135	0	135	1,073
Feb	0	0	25	0	141	3	0	4	36	0	0	70	0	0	1,103	1,382	0	0	0	1,382
Mar	0	0	5	0	45	0	0	2	11	0	0	8	0	0	411	482	45	0	45	527
Apr	0	0	15	0	32	0	0	16	0	0	0	28	0	0	1,236	1,347	0	0	0	1,347
May	0	0	8	0	76	0	0	16	20	0	0	15	0	0	0	135	0	0	0	135
Jun	0	0	0	0	196	0	0	0	37	0	0	0	0	0	0	233	61	0	61	294
Jul	0	0	0	0	14	0	4	0	12	0	0	34	0	0	600	664	0	0	0	664
Aug	0	0	0	0	119	0	0	0	3	0	0	0	0	0	0	122	0	0	0	122
Sep	0	0	17	0	90	0	2	9	0	0	0	20	0	0	2,461	0	0	0	0	2,599
Oct	0	0	0	0	374	0	0	0	0	0	0	0	0	0	2,231	2,605	729	0	729	3,334
Nov	0	0	0	0	637	0	0	32	7	0	0	15	0	0	372	1,063	1,529	0	1,529	2,592
Dec	0	0	0	0	241	0	0	8	16	0	0	0	0	0	0	272	46	60	106	378
Total	0	0	70	0	2,224	3	6	106	181	0	0	78	120	0	9,962	11,850	2,565	60	2,605	14,455

Table 7. Ex-vessel (\$) value of commercial finfish and shellfish (except shrimp) landings from the Gulf of Mexico grid area 18.0 during calendar year 1983. Data based on NFR.

Year	Finfish										Shellfish		Grand total							
	Red drum	Spotted seatrout	Black drum	Sand seatrout	Flounder	Atlantic croaker	Gafftopsail catfish	Sheepshead	Whiting	Mullet	Florida pompano	Unclassified Food Scrap		Cobia	Grouper	Snapper	Total	Blue crabs	Squid	Total
Jan	0	0	0	0	711	0	0	102	30	0	0	0	131	2,179	10,840	13,993	0	0	0	13,993
Feb	0	0	0	0	1,052	0	0	0	79	0	0	0	0	393	7,800	9,324	15	4	19	9,343
Mar	0	0	140	0	581	0	0	131	64	360	0	0	217	238	12,647	14,378	143	58	201	14,579
Apr	0	0	0	0	62	0	36	0	5	48	0	0	0	126	8,629	8,906	467	106	573	9,479
May	0	0	50	0	1,131	0	0	0	115	580	0	0	398	179	18,675	21,128	837	137	974	22,102
Jun	0	0	16	0	559	0	93	25	0	0	0	0	397	328	9,114	10,532	2,081	29	2,110	12,642
Jul	0	0	243	0	2,816	0	0	231	399	1,118	0	0	2,298	156	16,985	26,246	1,037	18	1,055	25,301
Aug	0	0	23	0	2,857	25	24	51	251	258	0	78	747	104	9,684	14,102	2,088	34	2,122	16,224
Sep	0	0	0	0	1,420	0	803	0	203	129	0	0	581	200	20,917	24,253	523	0	523	24,776
Oct	0	0	0	0	1,584	0	0	0	223	216	45	112	150	32	11,637	13,999	0	31	31	14,030
Nov	0	0	414	0	4,626	0	246	61	370	354	0	3	9	243	13,652	19,978	0	69	69	20,047
Dec	0	0	0	0	6,281	31	0	18	443	162	0	0	0	0	3,579	10,494	0	16	16	10,510
Total	0	0	886	0	23,680	56	1,203	619	2,182	3,225	45	193	4,928	4,178	144,159	185,333	7,191	502	7,693	193,026

Table 8. Ex-vessel (\$) value of commercial finfish and shellfish (except shrimp) landings from the Gulf of Mexico grid area 19.0 during calendar year 1983. Data based on NFR.

Year	Finfish										Shellfish		Grand total							
	Red drum	Spotted seatrout	Black drum	Sand seatrout	Flounder	Atlantic croaker	Gafftopsail catfish	Sheepshead	Whiting	Mullet	Florida pompano	Unclassified Food Scrap		Cobia	Grouper	Snapper	Total	Blue crabs	Squid	Total
Jan	0	0	22	0	654	0	0	12	0	18	0	66	0	1,394	22,765	24,931	0	22	22	24,953
Feb	0	0	63	0	619	0	0	5	0	0	0	544	0	833	4,110	6,174	0	0	0	6,174
Mar	0	0	1,403	0	54	0	0	0	0	0	0	0	0	1,846	3,970	7,273	0	0	0	7,273
Apr	0	0	49	0	779	0	0	0	0	0	0	0	56	1,440	17,409	19,733	587	29	616	20,349
May	0	0	0	0	1,210	0	0	0	0	0	0	0	778	0	3,929	5,917	0	0	0	5,917
Jun	0	0	0	0	250	0	0	0	0	0	0	0	577	135	20,731	21,693	0	15	15	21,708
Jul	0	0	0	0	1,663	0	0	0	184	0	0	0	3,237	439	7,642	13,185	0	0	0	13,185
Aug	0	0	0	0	273	0	0	0	0	0	0	245	103	56	5,435	6,112	0	0	0	6,112
Sep	0	0	6	0	569	4	0	4	0	0	9	0	318	0	3,209	4,119	8	40	48	4,167
Oct	0	0	10	0	366	111	0	12	44	0	0	209	179	61	17,518	18,510	0	300	300	18,810
Nov	0	0	0	0	10,672	0	86	0	151	0	0	4,090	42	8,100	6,954	30,095	44	464	508	30,603
Dec	0	0	101	0	1,824	0	0	57	0	0	0	445	0	8,515	6,259	17,201	0	139	139	17,340
Total	0	0	1,654	0	18,933	115	86	90	370	18	0	5,599	42	27,819	119,931	174,943	639	1,009	1,648	176,591

Table 9. Ex-vessel (\$) value of commercial finfish and shellfish (except shrimp) landings from the Gulf of Mexico grid area 20.0 during calendar year 1983. Data based on NEPR.

Year	Finfish										Shellfish		Grand total							
	Red drum	Spotted seatrout	Black drum	Sand seatrout	Flounder	Atlantic croaker	Gafftopsail catfish	Sheepshead	Whiting	Mullet	Florida pompano	Unclassified Food Scrap		Cobia	Grouper	Snapper	Total	Blue crabs	Squid	Total
Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oct	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dec	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 10. Ex-vessel (\$) value of commercial finfish and shellfish (except shrimp) landings from the Gulf of Mexico grid area 21.0 during calendar year 1983. Data based on NEPR.

Year	Finfish										Shellfish		Grand total							
	Red drum	Spotted seatrout	Black drum	Sand seatrout	Flounder	Atlantic croaker	Gafftopsail catfish	Sheepshead	Whiting	Mullet	Florida pompano	Unclassified Food Scrap		Cobia	Grouper	Snapper	Total	Blue crabs	Squid	Total
Jan	0	0	509	0	414	0	0	0	3	0	10	475	0	36	10,434	11,081	0	0	0	11,081
Feb	0	0	53	0	118	0	0	30	0	15	0	960	0	628	12,014	13,018	29	0	29	13,047
Mar	0	0	0	0	118	0	0	0	0	0	0	348	0	36	3,386	3,888	0	0	0	3,888
Apr	0	0	356	0	0	0	0	0	35	0	0	0	0	208	9,816	9,785	0	0	0	9,785
May	0	0	252	0	342	0	0	0	0	0	0	0	0	294	13,945	14,833	0	0	0	14,833
Jun	0	0	47	0	8	0	0	0	0	0	0	751	0	2,220	7,653	10,688	0	0	0	10,688
Jul	0	0	0	0	1,151	0	0	0	6	0	0	363	0	1,177	5,024	7,721	0	57	57	7,778
Aug	0	0	0	0	533	0	0	0	0	0	0	1,138	0	97	24,103	25,871	216	0	216	26,087
Sep	0	0	0	0	129	0	0	0	0	0	0	0	0	0	1,936	2,065	0	0	0	2,065
Oct	0	0	138	0	259	7	0	1	0	0	0	772	0	0	15,644	16,821	0	68	68	16,889
Nov	0	0	424	0	743	25	601	8	0	6	0	1,207	0	173	2,130	5,317	0	42	42	5,359
Dec	0	0	1,260	0	2,562	0	0	0	16	39	0	533	0	0	4,900	9,108	0	243	243	9,551
Total	0	0	3,039	0	6,377	32	601	39	58	45	10	6,567	0	9	110,355	131,956	245	410	655	132,651

Appendix F. Total monthly commercial shrimp landings (lb) and ex-vessel value (\$) from the Gulf of Mexico during calendar year 1983.

Table 1. Weight (lb) of each shrimp species (heads on) landed commercially from the Gulf of Mexico during calendar year 1983. Data based on NMFS.

Month	Brown and Pink	White	Other	Total
Jan.	1,225,430	727,391	221,067	2,173,888
Feb.	766,516	727,030	66,668	1,560,214
Mar.	595,802	268,758	6,785	871,345
Apr.	587,711	297,364	1,212	886,287
May	1,611,957	610,719	200	2,222,876
Jun.	1,162,824	515,229	983	1,679,036
Jul.	11,515,971	1,140,859	937	12,657,767
Aug.	8,993,981	507,989	0	9,501,970
Sept.	4,406,333	1,545,605	0	5,951,938
Oct.	4,021,890	2,578,446	223,092	6,823,428
Nov.	3,100,730	2,149,859	281,808	5,532,397
Dec.	2,667,925	1,266,918	114,107	4,048,950
Total	40,657,070	12,336,167	916,859	53,910,096

NOTES: 1) Gulf of Mexico shrimp landings at Texas ports as reported to TPWD by the Division of Statistics-Market News, may include harvest of shrimp from other states and countries as well as those of Texas. In their publication Gulf Coast Shrimp Data, NMFS reports shrimp harvests from shrimp fishing grid zones, including those off of Texas; 2) Shrimp landings as furnished to TPWD (by NMFS, Division of Statistics-Market News, Galveston) are preliminary. Upon receipt of accurate landings from NMFS subsequent reports will be revised to reflect the correct Texas shrimp landings.

Table 2. Ex-vessel value (\$) of each shrimp species (heads on) landed commercially from the Gulf of Mexico during calendar year 1983. Data based on NMFS.

Month	Brown and Pink	White	Other	Total
Jan.	4,351,421	1,298,123	120,108	5,769,652
Feb.	2,783,081	1,343,047	22,744	4,148,872
Mar.	2,194,220	691,955	2,714	2,888,889
Apr.	2,015,388	923,293	302	2,938,983
May	4,313,337	2,073,126	80	6,386,543
Jun.	2,794,196	1,797,521	578	4,592,295
Jul.	27,285,532	4,433,200	392	31,719,124
Aug.	25,267,854	1,305,046	0	26,572,900
Sept.	12,883,816	3,966,274	0	16,850,090
Oct.	12,017,028	6,935,310	66,928	19,019,266
Nov.	9,423,958	5,416,871	85,336	14,926,165
Dec.	8,078,574	2,890,264	31,477	11,000,315
Total	113,408,405	33,074,030	330,659	146,813,094

NOTES: 1) Gulf of Mexico shrimp landings at Texas ports as reported to TPWD by the Division of Statistics-Market News, may include harvest of shrimp from other states and countries as well as those of Texas. In their publication Gulf Coast Shrimp Data, NMFS reports shrimp harvests from shrimp fishing grid zones, including those off of Texas; 2) Shrimp landings as furnished to TPWD (by NMFS, Division of Statistics-Market News, Galveston) are preliminary. Upon receipt of accurate landings from NMFS subsequent reports will be revised to reflect the correct Texas shrimp landings.

Appendix G. Weight (lb) and ex-vessel value (\$) of commercial landings of oyster meat from private oyster reef leases in Texas bays during calendar years 1977-1983.

Table 1. Total weight (lb x 1000) and ex-vessel value (\$ x 1000) of commercial landings of oyster meat from private oyster leases in Texas bays for calendar years 1977-1983. Data based on annual oyster location lease reports of private oyster leaseholders.^a

Year	Total number of leases	Total leased acreage	Total weight	Total ex-vessel value
1977	32	1,831.7	1,079.4	1,295.3
1978	35	1,964.9	508.6	579.8
1979	44	2,368.2	40.9	63.0
1980	44	2,368.2	600.0	984.0
1981	45	2,446.9	504.0	801.4
1982	45	2,446.9	704.1	1,034.9
1983	48	2,557.6	1,047.8	1,498.4

^aAll leases are located in Galveston Bay and ex-vessel value is based on mean annual price per pound paid for oysters from Galveston Bay.

Appendix H. Number of commercial licenses sold in Texas in each fiscal year (September-August) from 1956 through 1983.

Table 1. Number of commercial dealer licenses sold in Texas in each fiscal year (September-August) from 1956 through 1983. (The sale of a license occurs when money is received in Austin).

Fiscal year	Retail Fish ^a			Retail fish truck	Retail oyster	Bait	Whole-sale fish	Whole-sale fish truck	Shrimp house operator	Bait shrimp	Menhaden fish plant
	Large	Medium	Small								
1956	2,675	1,444	3,888	75	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	2,201	1,120	2,256	1,197	3	2,980	329	102	34	543	0

^aLarge=Dealer located in a city with > 40,000 population;
 Medium= Dealer located in a city with > 7,500 < 40,000 population;
 Small=Dealer located in a city with > 7,500 population.

Table 2. Number of commercial saltwater fishermen licenses sold in Texas in each fiscal year (September-August) from 1956 through 1983. (The sale of a license occurs when money is received in Austin).

Fiscal year	Tidal water	Red drum	General				Finfish						
			Resident ^a	Non-resident ^b	Vessel (captain & crew)				Resident	Non-resident ^b	Menhaden only	Import	
					1	2	3	4					
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 ^c	28,653										
1979	30,644 ^c	605	5,182										
1980	2,127	636	19,945	2,291 ^c	0 ^c								
1981	52	635	14,309	3,491	2,626							46 ^c	558 ^c
1982	0	0	13,468	3,990	2,697							444	80
1983	0	0	13,598	4,634	2,792							16	0
												31	0
													0
													336 ^c
													281

^aUntil 1979 there were no divisions in the General Commercial Fishing Licenses.

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

^cLicense did not exist prior to this year.

Table 3. Number of commercial saltwater fishing gear licenses sold in Texas in each fiscal year (September-August) from 1956 through 1983. (The sale of a license occurs when money is received in Austin).

Fiscal year	Saltwater trotline tags	Seine tags	Commercial oyster dredge	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 ^a	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	16,100	8,575	169	0

^aLicense did not exist prior to this year.

Table 4. Number of commercial saltwater boat and vessel licenses sold in Texas in each fiscal year (September–August) from 1956–1983. (The sale of a license occurs when money is received in Austin).

Fiscal year	Fishing boat	Fishing Boat (menhaden only)	Gulf shrimp	Bay shrimp	Bay-bait ^a 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	0

^aLicense not sold after 1963.

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