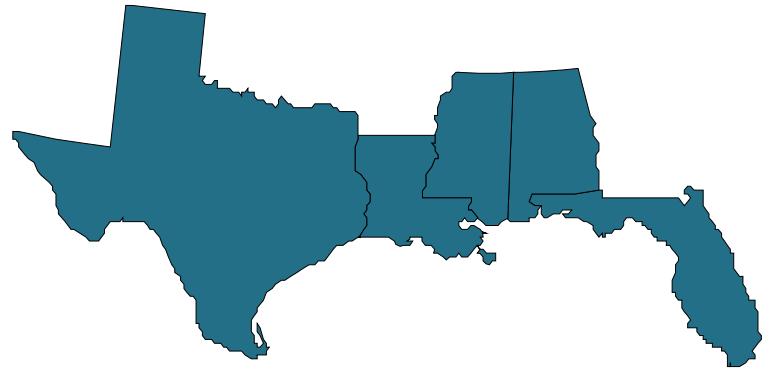


Gulf of Mexico

- Alabama
- West Florida
- Louisiana
- Mississippi
- Texas



Management Context

The Gulf Region is comprised of Alabama, Louisiana, Mississippi, Texas, and West Florida. Federal fisheries in this region are managed by the Gulf of Mexico Fishery Management Council (GMFMC) and NOAA Fisheries (NMFS) under seven fishery management plans (FMPs). The spiny lobster and coastal migratory pelagic resources fisheries are managed with the South Atlantic Fishery Management Council (SAFMC).

Gulf of Mexico Fishery Management Plans

1. Red Drum
2. Shrimp
3. Stone Crab
4. Reef Fish
5. Coastal Migratory Pelagic Resources (with SAFMC)
6. Spiny Lobster (with SAFMC)
7. Coral and Coral Reefs

Of the species or species groups covered in these fishery management plans, red snapper, greater amberjack, and gray triggerfish are currently overfished. Red snapper, greater amberjack, gag, gray triggerfish, and pink shrimp from the Gulf of Mexico are species or species groups currently subject to overfishing. For short-lived species such as pink shrimp, environmental conditions are generally believed to have a more significant effect than fishing.

There is one limited access privilege program (LAPP), a type of catch share program, currently in operation in the Gulf Region. The Gulf of Mexico red snapper fishery has been managed as an individual fishing quota (IFQ) fishery since 2007 and had an ex-vessel value of \$9.0 million that year. An additional IFQ program is being developed for Gulf of Mexico grouper and tilefish. This catch share program will be implemented in 2010.

Commercial Fisheries

In 2007, commercial fishermen in the Gulf of Mexico harvested 1.4 million pounds of finfish and shellfish that earned \$681 million in ex-vessel revenue. Shellfish landings generated 79% of total revenue in the region (\$536 million). Shellfish such as shrimp was a significant component of total revenue (53% of total revenue), generating \$360 million in 2007 for 221 million pounds of catch. Menhaden had the highest landings of any key species or species group with over 1 billion pounds landed in 2007. This species accounted for 74% of total landings in the Gulf. At \$0.06 per pound, this low value species generated \$62 million in revenue or 9.1% of total revenue generated across the region.

Total revenue generated by fishermen in Louisiana and Texas was highest in the Gulf with \$287 million and \$174 million, respectively. Shrimp contributed \$138 million to Louisiana's landings revenue with 109 million pounds harvested in 2007. However, shrimp revenue in Texas was higher at \$145 million for 71 million pounds landed. West Florida (\$132 million), Alabama (\$48

million), and Mississippi (\$39 million) followed in total revenue. Notably, Mississippi landings revenue increased 82% over 2006 landings revenue, returning to almost pre-Hurricane Katrina levels of 2004. In terms of landings, Louisiana (998 million pounds) and Mississippi (228 million pounds) harvested the most catch in the region. Menhaden contributed most to these total landings with 790 million pounds and 215 million pounds landed, respectively. Texas (85 million pounds), West Florida (59 million pounds), and Alabama (29 million pounds) followed.

Key Gulf of Mexico Commercial Species

- Blue crab
- Stone crab
- Crawfish
- Groupers
- Menhaden
- Mulletts
- Oyster
- Shrimp
- Red snapper
- Tunas

Economic Impacts¹

In 2007, the Gulf Region's seafood industry generated over a billion in sales in Florida (\$5.1 billion), Louisiana (\$2.1 billion), and Texas (\$1.9 billion). Most of the seafood industry-related jobs in this region were also sustained in these states with 101,000 full- and part-time jobs in Florida, 47,000 jobs in Louisiana, and 42,000 jobs in Texas. Alabama (11,000 jobs) and Mississippi (8,200 jobs) followed in terms of employment supported by the seafood industry. Florida, Louisiana, and Texas also led the region in income impacts generated by the seafood industry with \$2.8 billion, \$1.1 billion, and \$959 million, respectively.

Landings Revenue

In 2007, ex-vessel revenue from finfish and shellfish harvest totaled \$681 million, a 13% decrease (-28% in real terms) from 1998 (\$786 million) and a 2.1% decrease (-7.5% in real terms) from 2006 (\$695 million). Louisiana fishermen generated 42% of this revenue in 2007 (\$287 million). Shellfish revenue accounted for 79% of total revenue in the Gulf, bringing in \$536 million in 2007. This was a 17% decrease (-31% in real terms) from 1998 (\$644 million) and a 4.2% decrease (-9.5% in real terms) from 2006 (\$559 million). Finfish revenue increased 2.1% (-15% in real terms) from \$142 million in 1998 to \$145 million in 2007. Finfish revenue between 2006 and 2007 increased 6.8% (0.9% in real terms).

Total revenue decreased in current and/or real terms in all Gulf states from 1998-2007: -22% (-34% in real terms) in West Florida, -19% (-32% in real terms) in Mississippi, -17% (-31% in real terms) in Texas, -7.9% (-23% in real terms) in Louisiana, and 2.5% (-15% in real terms) in Alabama. Shellfish revenue followed this declining trend with the largest decrease in Mississippi (-52%, -60 in real terms), followed by West Florida (-31%, -42 in real terms),

¹Economic impacts reported here are for the state of Florida, not West Florida.

Texas (-18%, -32% in real terms), Louisiana (-5.7%, -21% in real terms), and Alabama (-1.0%, -17% in real terms) all experienced declines in shellfish revenue.

Finfish revenue trends were more variable across the Gulf states largely due to lost oyster beds from Hurricane Katrina in 2005. Mississippi (90%, 59% in real terms) and Alabama (80%, 50% in real terms) experienced large increases over the 10 year period. In Mississippi, this increase was largely due to menhaden revenue which increased 128% (91% in real terms) from \$9.1 million (1998) to \$21 million (2006). Large increases in revenue generated from sharks (10,100%, 8,416% in real terms), vermillion snapper (3,100%, 2,572% in real terms), and Spanish mackerel (228%, 174% in real terms) drove Alabama's finfish revenue trend. In contrast, finfish revenue in West Florida (5.1%, -12% in real terms) and Texas (-18%, -22% in real terms) experienced more modest increases, and Louisiana's finfish revenue decreased 15% (-29% in real terms).

Shrimp contributed more to the Gulf Region's total revenue in 2007 than any other key species or group: \$360 million or 53% of total revenue. This was a 26% decrease (-38% in real terms) from 1998 shrimp revenue (\$486 million) and a -10% decrease (-15% in real terms) relative to 2006 (\$402 million). Oyster (47%, 23% in real terms), crawfish (-37%, -48% in real terms), and mullets (-35%, -46% in real terms) also experienced large changes in revenue between 1998 and 2007.

Other Gulf of Mexico key species or species groups with large changes in state landings revenue from 1998-2007 include: oysters (245%), red snapper (65%), and menhaden (-77%) in Alabama; red snapper (565%), oyster (172%), quahog clams (-82%), and shrimp (-66%) in West Florida; king mackerel (53%), mullets (-72%), and red snapper (-59%) in Louisiana; blue crab (72%), mullets (-79%), oysters (-79%), and shrimp (-50%) in Mississippi; and vermillion snapper (137%), oysters (114%), Atlantic croacker (109%), and flounders (-85%) in Texas.

Landings

Commercial fishermen in the Gulf Region landed over 1.4 million pounds of finfish and shellfish in 2007. This was an 11% decrease from the 1.6 million pounds landed in 1998 and a 2.5% increase from 2006. Over 71% of total landings was harvested in Louisiana. Finfish was a significant component of landings totals (77% of total landings) with Gulf fishermen harvesting 1.1 million pounds in 2007. This was a 9.6% decrease from 1998 (1.2 million pounds) but a 9.8% increase from 2006 (975 million pounds). Shellfish landings also declined, decreasing 16% from 1998-2007 and decreasing 16% from 2006-2007.

Finfish landings decreased in four of the five Gulf states between 1998 and 2007. Texas had the largest decrease (-25%), followed by West Florida (-24%), Alabama (-22%), and Louisiana (-14%). Mississippi experienced an increase in finfish landings, increasing 13% over the 10 year time period.

Commercial Fish Facts

Landings revenue

- The Gulf's key species and species groups accounted for an average of 91% of total landings revenue from 1998-2007.
- Shrimp accounted for the majority of total landings revenue in the region, averaging \$436 million over the 10 year time period. Fishermen in Texas generated most of this total in 2007, followed by Louisiana, Alabama, West Florida, and Mississippi.
- Crawfish revenue decreased 93% from 1999-2000, the largest annual decrease. This was followed by an 1.144% increase from 2000-2001, the largest annual increase.

Landings

- The Gulf's key species and species groups accounted for an average of 96% of total landings annually between 1998 and 2007.
- Menhaden was a significant component of total landings over the 10 year time period, averaging 1.1 billion pounds annually. Fishermen in Louisiana harvested the majority of this species.
- Crawfish landings decreased 97% from 1999-2000, the largest annual decrease, only to have the largest annual increase the following year, increasing 2.549% from 2000-2001.

Prices

- Stone crab had the highest ex-vessel price over the 10 year time period, averaging \$4.14 per pound. Tunas (\$2.73), red snapper (\$2.43), oyster (\$2.42), and groupers (\$2.24) all averaged over \$2 per pound.
- Menhaden had the lowest average ex-vessel price at \$0.05 per pound. Mullets (\$0.66), blue crab (\$0.71), and crawfish (\$0.77) averaged under \$1 per pound.
- The largest annual increase in ex-vessel price was 120% for crawfish from 1999-2000. Crawfish also had the largest annual decrease the following year, decreasing -53% from 2000-2001.

Shellfish landings also decreased across four of the five states in the region. The largest decrease was observed in West Florida (-52%), followed by Mississippi (-40%), Texas (-18%), and Louisiana (-4.0%). Alabama had a small increase in shellfish landings, increasing 1.0% from 1998-2007.

Menhaden contributed 74% to total landings in 2007 with most of this catch harvested in Louisiana (790 million pounds) and Mississippi (215 million pounds). Between 1998 and 2007, menhaden harvest decreased 8.0% but increased 12% from 2006-2007. Menhaden catch in Louisiana mirrored these trends, decreasing 13% from 1998-2007 and increasing 14% from 2006-2007. In contrast, Mississippi's menhaden harvest increased 19% from 1998-2007 and 1.9% from 2006-2007.

Other key species or species groups in the Gulf Region with large changes in landings include: sharks (5,150%), vermillion snapper (2,460%), Spanish mackerel (159%), and oysters (126%) in Alabama; red snapper (324%), oyster (93%), quahog clam (-79%), and shrimp (-70%) in West Florida; mullets (-78%) and red snapper (-73%) in Louisiana; oysters (-88%) and mullets (-78%) in

Mississippi; and vermillion snapper (96%) and flounders (-89%) in Texas.

Prices

Overall, 2007 ex-vessel price for seven of the ten key species or species groups was higher than their 10 year average annual price per pound. Only crawfish, mullets, and shrimp had 2007 prices below their 10 year average. Ex-vessel price per pound for crawfish and shrimp decreased 12% (-27% in real terms) and 11% (-26% in real terms), respectively, between 1998 and 2007. All other key species or groups experienced double-digit increases. Red snapper experienced the largest increase, increasing 53% (27% in real terms) from \$2.09 per pound (1998) to \$3.19 per pound (2007).

Relative to ex-vessel prices in 2006, blue crab and menhaden experienced the largest increases, increasing 23% and 20%, respectively. Crawfish (-35%), mullets (-18%), stone crab (-11%), and oyster (-3%) decreased in price, the only key species or group to decline from 2006-2007.

Across the Gulf Region, other key species or groups with large changes in ex-vessel price from 1998-2007 include: sharks (86%), menhaden (67%), red snapper (60%), oyster (53%), and shrimp (-8.1%) in Alabama; lobsters (92%), red snapper (58%), blue crab (53%), and quahog clam (-14%) in West Florida; red snapper (51%), king mackerel (47%), crawfish (-12%), and shrimp (-11%) in Louisiana; menhaden (100%), oyster (71%), blue crab (38%), and shrimp (-23%) in Mississippi; and Atlantic croaker (51%), red snapper (47%), oysters (42%), shrimp (-7.3%), and black drum (-6.7%) in Texas.

Recreational Fishing

There were 3.6 million resident recreational fishermen who took a fishing trip in the Gulf of Mexico Region in 2007. Over 91% of these anglers were residents of a regional coastal county. Of the 24 million fishing trips taken in 2007, over 59% of them were taken from a private or rental boat. The most caught key species or species group was spotted seatrout with 31 million fish harvested or released in 2007. This key species accounted for 49% of fish caught by anglers in the Gulf Region.

Key Gulf Recreational Species

- Drum (Atlantic croaker)
- Drum (Gulf and southern kingfish)
- Drum (sand and silver seatrout)
- Drum (spotted seatrout)
- Red drum
- Southern flounder
- Spanish mackerel
- Striped mullet
- Porgies (sheepshead)
- Red snapper

Economic Impacts and Expenditures

Recreational fishing activities in West Florida supported more jobs than any other state in the Gulf Region with approximately 66,000 full- and part-time jobs supported in 2007. Louisiana (27,000 jobs), Texas (23,000 jobs), Alabama (6,800 jobs), and Mississippi (4,700 jobs) followed in terms of employment impacts from angler fishing trips and durable equipment expenditures. The majority of these jobs were related to durable equipment expenditures: 93% in Mississippi, 90% in Texas, 86% of jobs in Louisiana, 83% of jobs in West Florida, and 71% in Alabama.

In terms of employment impacts related to fishing trips taken by anglers, industries that provided services for shore-based fishing trips supported most of the trip-related full-and part-times jobs in West Florida (4,700 jobs) and Alabama (900 jobs). Private or rental boat trips supported most of the trip-related jobs in Louisiana (2,300 jobs), Texas (1,300 jobs), and Mississippi (200 jobs).

The contribution of recreational fishing activities in the Gulf Region are also reported in terms of state level sales and value-added impacts as well as expenditures on fishing trips and durable equipment. In 2007, in-state sales and value-added impacts were highest in West Florida (\$6.8 billion in sales impacts; \$3.7 billion in value-added impacts) and Texas (\$3.0 billion; \$1.5 billion). Louisiana (\$2.5 billion in sales impacts; \$1.2 billion in value-added impacts), Alabama (\$654 million; \$337 million), and Mississippi (\$617 million; \$239 million) followed in sales and value-added impacts. Across the region, these economic impacts were largely generated from direct expenditures on durable equipment made by anglers (versus fishing trip-related expenditures).

Total fishing trip and durable equipment expenditures generated \$14 billion across the Gulf of Mexico Region in 2007. Approximately 90% of these expenditures were related to durable equipment purchases. Boat (\$7.4 billion), fishing tackle (\$1.8 billion), and vehicle expenses (\$1.9 billion) accounted for the majority of durable equipment expenditures. Expenditures by Gulf of Mexico residents related to fishing trips totaled \$847 million. Most of these purchases were related to fishing trips taken from a private or rental boat (68% of trip-related expenditures by residents). The region's non-resident anglers generated \$602 million in trip-related expenditures with most of these expenses related to fishing trips taken from shore (49% of trip-related expenditures by non-residents).

Participation²

In 2007, there were nearly 3.6 million recreational fishermen from either a coastal or non-coastal

²These estimates do not include Texas. Participation (number of anglers) and effort (number of fishing trips) information for Texas was not available for this report.

county in the Gulf of Mexico Region.³ This was a 78% increase from 1998 (2.0 million anglers) but a 2.2% decrease from 2006 (over 3.6 million anglers). Most of these anglers (91% of total anglers) resided in a coastal county within the region. The number of coastal county anglers in 2007 (3.2 million anglers) increased 72% relative to 1998 (1.9 million anglers) but decreased 2.8% relative to 2006 (3.3 million anglers). Non-coastal county angler participation in 2007 (326,000 anglers) increased 167% relative to 1998 (122,000 anglers) and increased 3.5% relative to 2006 (315,000 anglers). Approximately 54% of total anglers who fished in the Gulf of Mexico Region took a fishing trip in West Florida.

The majority of recreational fishermen in Louisiana and Mississippi were residents of a coastal county within their respective state. These anglers accounted for 75% of total anglers in Louisiana (853,000 anglers) and 69% of anglers in Mississippi (196,000 anglers). Out-of-state residents made up the majority of anglers in West Florida and Alabama: 53% of total anglers in West Florida (2.2 million anglers) and 41% of total anglers in Alabama (291,000 anglers). Anglers from the Gulf Region's non-coastal counties⁴ comprised a minority of total anglers in 2007: 11% of anglers in Louisiana, 12% of anglers in Mississippi, and 24% of anglers in Alabama.

Fishing Trips²

Resident and non-resident anglers took 24 million fishing trips in 2007. This was a 45% increase from 1998 (17 million trips) and a 1.7% increase from 2006 (23.9 million trips). In 2007, most fishing trips were taken from a private or rental boat: 14 million fishing trips or 59% of total trips taken in the Gulf of Mexico. Shore-based fishing trips ranked second in popularity with 9.0 million trips taken in 2007 despite a 2.7% decrease in trips taken between 2006 and 2007. Approximately 876,000 fishing trips were taken from a for-hire boat.

There were approximately 16 million fishing trips taken in West Florida in 2007. This represented 68% of total trips taken in the region and most of these trips were taken from a private or rental boat (57% of trips taken in West Florida). Private or rental boat trips were also popular in Louisiana and Mississippi: 70% of trips in Louisiana and 69% of trips in Mississippi. Shore-based (49% of trips) and private or rental boat trips (48% of trips) were equally popular in Alabama with anglers taking over a million trips in each fishing mode in 2007.

Harvest and Release

³At the state level, out-of-state anglers are estimated. However at the region level, out-of-region anglers are not estimated thus only Gulf Region resident anglers are discussed here. In *Fisheries Economics of the U.S., 2006* (FEUS 2006), angler participation totals from 1997-2006 incorrectly included out-of-state anglers at the region level. In this report, the 1998-2007 angler participation totals excludes these anglers therefore the annual region totals reported here are smaller than those reported in FEUS 2006.

⁴All resident anglers in Florida are considered coastal county anglers.

Of the Gulf Region's key species and species groups, spotted seatrout was the most often caught by anglers with 31 million fish caught in 2007. This key species accounted for 49% of the key species or species groups caught by recreational fishermen. Over 62% of these spotted seatrout were most often released by anglers rather than harvested. Red drum was another key species that was caught in large numbers: over 9.0 million fish caught in 2007 with 67% of these fish released rather than harvested. These fish were most often caught in West Florida and Louisiana.

In 2007, five of the Gulf Region's key species or species groups were more often harvested rather than released by anglers: striped mullet (85% harvested), southern flounder (76% harvested), Gulf and southern kingfish (65% harvested), sand and silver seatrout (63% harvested), and sheepshead (55% harvested). Red snapper (71% released) and Atlantic croaker (67% released) were examples of key species or groups with a greater percentage of fish released rather than harvested.

Of the Gulf's key species or species groups, Spanish mackerel (103% increase), southern flounder (57%), and spotted seatrout (52%) experienced the largest increases in recreational catch between 1998 and 2007. With the exception of sheepshead (20% decrease in catch), catch totals for all other key species or groups increased during this period.

Between 2006 and 2007, five key species or species groups experienced double digit declines: Gulf and southern kingfish (-25%), Spanish mackerel (-23%), sheepshead (-20%), spotted seatrout (-16%), and striped mullet (-11%). Catch totals for the other key species or groups experienced changes in catch totals of less than 10%.

At the state level, spotted seatrout was the most caught key species or species group in Louisiana, West Florida, Mississippi, and Texas. In 2007, 17 million fish were caught in Louisiana, 12 million fish were caught in West Florida, 1.1 million fish were caught in Mississippi, and 916,000 fish were caught in Texas. Atlantic croaker was the most caught key species most often caught by recreational fishermen in Alabama with 1.2 million fish caught in 2007.

Marine Economy⁵

The Gulf of Mexico's gross domestic product by state was \$2.2 trillion in 2006. Employee compensation totaled \$1.2 trillion and annual payroll totaled \$747 billion. These economic measures increased 68%, 31%, and 55%, respectively, from 1998-2006, and 7.9%, 7.6%, and 9.1%, from 2005-2006. Approximately 1.3 million establishments employed 20 million full- and part-time employees in 2006. This was a 13% increase in establishment numbers and a 17% increase in employee numbers from

⁵Data for 2007 was unavailable for this report therefore 2006 information is reported in this section.

1998-2006. Increases were also observed from 2005-2006, 1.9% and 4.2%, respectively.

In 2006, Texas had the highest employee numbers, annual payroll, employee compensation, and gross state product levels in the region, while Florida⁶ had the highest establishment numbers. Florida had over 517,000 establishments that employed 7.5 million employees and Texas had 509,000 establishments that employed 8.7 million employees. Gross state product in Texas was \$1.1 trillion, followed by Florida (\$717 billion), Louisiana (\$203 billion), Alabama (\$159 billion), and Mississippi (\$85 billion).

Louisiana had the highest commercial fishing location quotient (CFLQ) at 2.28 in 2006. This was a 24% increase from 1998 and no change from 2005. Louisiana's CFLQ suggests that the level of employment in commercial fishing-related industries in this state is more than two times higher than the level of employment in these industries nationwide.⁷ Across the Gulf region, the CFLQ was also higher than the national baseline in Mississippi (1.96) and Florida (1.01), but lower than the national CFLQ in Texas (0.34) and Alabama (0.32).

Seafood Sales and Processing

In 2006, there were 438 nonemployer firms engaged in seafood product preparation and packaging with annual receipt totals of \$24 million. Respectively, this was a 114% and 54% increase (36% in real terms) relative to 1998 levels. Most of these firms were located in Florida and this state experienced the largest increases from 1998-2006 in this industry: 200% increase in firm numbers and 104% increase in annual receipt totals. Louisiana also experienced large increases in firms (125%) and annual receipts (78%), while Texas experienced a 43% decrease in annual receipts during this time period.

Employer establishments engaged in seafood product preparation and packaging totaled 131 in 2006. These establishments employed approximately 9,300 full- and part-time workers and generated \$228 million in annual payroll. Regionwide, there was a 28% decrease in establishments engaged in this industry, a 10% decrease in employees, and a 21% increase in annual payroll totals (7% in real terms). Most of these establishments were located in Louisiana (31%) but the largest change in establishment numbers was observed in Florida (a 53% decrease from 1998 levels).

The South Atlantic's seafood wholesale annual payroll totals increased 3% (-9% in real terms) from 1998-2006 to \$132 million in 2006. Establishment and employee numbers decreased (-28% and -29%, respectively) to 512 establishments and approximately 4,200 full- and part-time employees. These declining trends were mirrored at the state level with the largest declines in Alabama (45% decrease in establishments)

and Mississippi (73% decrease in employees, -42% in annual payroll).

In 2006, there were 683 seafood retail nonemployer firms with total annual receipts of \$68 million across the region. This was a 3% increase in firm numbers regionwide from 1998-2006. In terms of annual receipts, these totals increased 36% relative to 1998 totals (20% in real terms), with the largest state level increases in Mississippi (98%) and Alabama (91%). Most of these firms were located in Florida (37%).

Employer establishments engaged in seafood retail increased 15% across the South Atlantic to 372 establishments in 2006. Most of these establishments were located in Florida (47%). Regionwide, this industry employed over 1,900 full- and part-time workers with an annual payroll of \$34 million in 2006. From 1998-2006, employee numbers increased 36% and annual payroll totals increased 59% (40% in real terms). At the state level, the largest changes were observed in Mississippi (37% decrease in establishments), Alabama (59% increase in employees), Florida (57% increase in employees, 98% increase in annual payroll), Louisiana (114% increase in annual payroll), and Texas (39% decrease in annual payroll).

Transport, Support, and Marine Operations

Marina industries had the highest number of establishments in this industry sector with 772 establishments regionwide in 2006. This was a 9% decrease relative to 1998 levels. Most of these industries were located in Florida (66%). At the state level, the largest decrease in marina-related establishments was in Louisiana (-48%). Ship and boat building industries employed the most people in 2006 (42,000 full- and part-time workers) and had the highest annual payroll (\$1.7 billion). Employment numbers decreased 15% from 1998-2006. Annual payroll totals increased 9% over this time period (-4% in real terms) despite a 40% increase in Alabama.

Other industries with large and modest changes from 1998-2006 were: coastal and Great Lakes freight transportation (33% decrease in establishments in Alabama); deep sea passenger transportation (200% increase in establishments in Alabama and Mississippi, 30% decrease in Texas); deep sea passenger transportation (50% increase in establishments in Texas); marina industries (55% increase in employees in Florida, 68% increase in annual payroll in Alabama and 96% increase in Florida); marine cargo handling (58% decrease in establishments in Mississippi, 33% decrease in Alabama); and port and harbor operations (78% increase in establishments in Texas).

⁶Information reported here is for the state of Florida, not East Florida.

⁷The CFLQ for the U.S. is 1.0. This provides a national baseline from which state CFLQs can be compared.

2007 Economic Impacts of the Gulf of Mexico Region Seafood Industry (thousands of dollars)

	Total Landings Revenue	Total Sales Impacts	Total Income Impacts	Total Job Impacts
Alabama	48,168	488,264	268,020	10,979
Florida ¹	174,945	5,109,134	2,805,289	101,168
Louisiana	287,012	2,125,898	1,107,049	47,081
Mississippi	39,340	362,963	184,401	8,244
Texas	174,356	1,942,379	959,363	42,240

Total Landings Revenue and Landings Revenue of Key Species/Species Groups (thousands of dollars)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total Revenue	786,450	823,364	997,270	807,403	681,646	662,902	669,002	625,038	695,494	681,074
Finfish & Other	142,175	177,997	179,109	164,959	147,338	139,373	143,479	122,642	135,975	145,168
Shellfish	644,274	645,367	818,161	642,444	534,308	523,530	525,523	502,396	559,520	535,906
Crab, Blue	45,701	43,128	47,573	42,862	42,913	46,243	42,292	37,961	43,354	45,731
Crab, Stone	22,963	24,080	28,670	20,477	23,091	23,043	26,704	21,223	24,063	26,156
Crawfish	14,392	10,480	684	8,511	8,070	4,845	4,810	8,360	1,290	9,011
Groupers	18,192	22,684	24,124	25,986	24,631	24,257	25,807	24,692	22,793	20,240
Menhaden	56,655	78,514	80,674	72,366	52,116	45,863	44,921	32,938	44,946	62,109
Mulletts	8,297	14,129	11,697	10,206	8,877	8,265	8,956	6,593	9,428	5,395
Oyster	46,313	48,568	53,115	52,285	50,756	61,634	60,845	56,510	62,316	68,043
Shrimp	486,116	479,079	655,759	497,202	385,679	365,434	366,426	360,513	402,040	360,247
Snapper, Red	9,801	9,589	10,368	10,251	10,714	10,447	11,676	11,336	13,167	9,572
Tunas	9,646	11,635	14,017	9,187	13,227	12,000	12,335	9,431	8,461	10,535

Total Landings and Landings of Key Species / Species Groups (thousands of pounds)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total Landings	1,576,301	2,004,446	1,795,396	1,613,163	1,728,899	1,595,895	1,475,139	1,198,203	1,364,521	1,398,602
Finfish & Other	1,184,895	1,637,524	1,397,440	1,254,170	1,377,421	1,228,816	1,110,240	887,920	974,964	1,070,681
Shellfish	391,405	366,922	397,955	358,993	351,478	367,080	364,899	310,283	389,558	327,922
Crab, Blue	67,580	68,996	68,898	54,500	66,019	63,961	60,581	50,041	67,480	57,560
Crab, Stone	6,978	5,654	6,848	6,682	6,433	5,292	5,971	4,534	4,795	5,859
Crawfish	21,978	13,226	393	10,410	15,602	8,337	8,537	15,177	1,469	15,802
Groupers	8,852	11,185	11,418	12,167	12,003	10,933	11,912	10,776	9,091	7,307
Menhaden	1,092,670	1,530,487	1,303,895	1,165,244	1,290,407	1,142,747	1,023,260	815,495	901,398	1,005,324
Mulletts	15,770	20,045	16,812	16,084	12,661	12,957	13,750	9,023	12,726	8,790
Oyster	20,560	24,016	25,767	25,621	24,110	27,033	25,052	20,174	19,674	22,071
Shrimp	264,211	242,795	288,628	257,088	233,759	256,357	255,782	216,291	291,186	221,030
Snapper, Red	4,694	4,888	4,844	4,642	4,803	4,435	4,677	4,109	4,637	2,999
Tunas	4,175	5,959	4,631	3,463	4,877	5,063	3,882	3,050	2,851	3,426

Average Annual Price for Key Species / Species Groups (price per pound)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Crab, Blue	0.68	0.63	0.69	0.79	0.65	0.72	0.70	0.76	0.64	0.79
Crab, Stone	3.29	4.26	4.19	3.06	3.59	4.35	4.47	4.68	5.02	4.46
Crawfish	0.65	0.79	1.74	0.82	0.52	0.58	0.56	0.55	0.88	0.57
Groupers	2.06	2.03	2.11	2.14	2.05	2.22	2.17	2.29	2.51	2.77
Menhaden	0.05	0.05	0.06	0.06	0.04	0.04	0.04	0.04	0.05	0.06
Mulletts	0.53	0.70	0.70	0.63	0.70	0.64	0.65	0.73	0.74	0.61
Oyster	2.25	2.02	2.06	2.04	2.11	2.28	2.43	2.80	3.17	3.08
Shrimp	1.84	1.97	2.27	1.93	1.65	1.43	1.43	1.67	1.38	1.63
Snapper, Red	2.09	1.96	2.14	2.21	2.23	2.36	2.50	2.76	2.84	3.19
Tunas	2.31	1.95	3.03	2.65	2.71	2.37	3.18	3.09	2.97	3.07

¹In this table, Florida's total sales, income, and job impacts and total landings revenue are for the state of Florida, not West Florida.

2007 Economic Impacts of Recreational Fishing Expenditures (*thousands of dollars*)

	Trips	Jobs	Total Sales	Value Added
Alabama	2,119,649	6,759	654,353	337,493
Louisiana	4,515,757	27,446	2,453,392	1,234,449
Mississippi	1,233,459	4,707	616,930	239,021
Texas ¹	1,445,106	23,382	3,004,862	1,514,791
West Florida	16,398,566	65,799	6,829,434	3,704,818

2007 Angler Trip & Durable Equipment Expenditures (*thousands of dollars*)

Fishing Mode	Trip Expenditures		Durable Equipment Expenditures	Expenditures
	Non-Residents	Residents		
Private Boat	169,011	572,920	Fishing Tackle	1,753,687
Shore	296,576	187,552	Other Equipment	664,776
For-Hire	136,459	86,617	Boat Expenses	7,365,456
Total Trip Expenditures	602,046	847,089	Vehicle Expenses	1,852,679
			Second Home Expenses	1,343,847
			Total Durable Equipment Expenditures	12,980,445
Total State Trip and Durable Equipment Expenditures				14,429,580

Recreational Anglers by Residential Area (*thousands of anglers*)²

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Coastal	1,884	1,834	2,539	2,898	2,485	3,039	3,185	3,133	3,328	3,235
Non-Coastal	122	151	191	227	216	256	318	190	315	326
Out-of-State	NA ³	NA ³	NA ³	NA ³	NA ³	NA ³	NA ³	NA ³	NA ³	NA ³
Total Anglers	2,006	1,985	2,730	3,125	2,701	3,294	3,503	3,323	3,643	3,562

Recreational Fishing Effort by Mode (*thousands of trips*)²

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
For-Hire	903	877	812	742	764	691	818	712	820	876
Private or Rental	8,939	9,098	11,728	12,371	11,635	14,110	14,107	12,629	13,837	14,435
Shore	6,861	5,919	8,478	9,776	7,266	8,155	9,430	8,530	9,206	8,957
Total Trips	16,703	15,894	21,018	22,890	19,666	22,957	24,355	21,871	23,863	24,267

Harvest (H) and Release (R) of Key Species / Species Groups (*number of fish in thousands*)²

Species/Groups		1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Drum (Atlantic Croaker)	H	760	974	1,783	1,432	832	1,057	938	747	1,430	1,332
	R	2,021	2,427	4,302	2,755	2,757	2,431	3,404	1,913	2,476	2,648
Drum (Gulf & Southern Kingfish)	H	1,219	1,670	1,652	2,552	1,205	1,802	1,886	1,636	1,494	1,260
	R	398	679	432	1,044	477	538	911	884	1,063	671
Drum, Red	H	1,845	2,134	3,266	3,115	2,478	2,673	2,850	2,173	2,814	2,973
	R	4,623	3,991	5,469	5,146	4,874	5,915	5,538	5,319	7,024	6,057
Drum (Sand & Silver Seatrout)	H	2,927	5,272	4,711	3,360	3,256	3,111	2,292	1,825	2,726	2,998
	R	965	1,738	1,596	1,063	1,069	1,003	1,064	790	1,677	1,739
Drum (Spotted Seatrout)	H	6,840	9,055	11,608	9,381	7,366	9,568	10,569	9,977	15,564	11,575
	R	13,337	16,167	16,758	11,202	15,298	19,217	18,282	19,702	20,872	19,036
Flounder, Southern	H	423	646	563	732	506	659	706	507	560	609
	R	88	101	108	171	117	252	212	185	178	194
Mackerel, Spanish	H	1,170	1,621	1,714	2,477	1,962	1,504	2,120	1,134	1,936	1,708
	R	714	1,243	1,497	1,845	1,920	2,211	2,183	1,385	3,011	2,110
Mullet, Striped ⁴	H	970	1,303	1,478	1,561	1,264	1,587	1,141	1,112	1,146	986
	R	90	148	390	733	76	280	116	211	157	176
Porgies (Sheepshead)	H	1,342	1,366	1,298	1,478	1,552	1,941	2,475	1,979	1,452	1,324
	R	1,654	1,433	1,728	1,649	1,701	2,004	2,194	1,982	1,541	1,073
Snapper, Red	H	1,319	1,207	767	848	1,106	993	1,077	829	969	1,117
	R	1,360	1,997	1,427	1,807	2,091	1,942	2,140	1,904	2,558	2,755

¹2007 effort data (number of trips) for Texas was estimated from data provided by the Texas Parks and Wildlife Department (TPWD).

²Excludes Texas; effort (number of trips), participation (number of anglers), and key species (number of species harvested or released) data from Texas was either not compatible with the other Gulf states or was not available.

³Out-of-state resident information is collected for individual states but whether an angler is a resident of a region is not specified; NA = data is not available.

⁴This species may not be equivalent to species with similar names listed in the commercial tables.

2007 Economic Impacts of the Alabama Seafood Industry (thousands of dollars)

	Sales Impacts	Income Impacts	Job Impacts
Total Impacts	488,264	268,020	10,979
Commercial Harvesters	42,790	16,165	989
Seafood Processors & Dealers	94,848	47,373	1,085
Seafood Wholesalers & Distributors	17,828	8,800	171
Retail Sectors	332,798	195,682	8,734

Total Landings Revenue and Landings Revenue of Key Species/Species Groups (thousands of dollars)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total Revenue	47,013	50,488	64,075	44,941	35,925	36,844	37,036	39,726	48,504	48,168
Finfish & Other	1,997	2,818	2,560	3,361	3,175	3,185	3,905	3,982	4,572	3,595
Shellfish	45,016	47,670	61,515	41,580	32,751	33,658	33,131	35,744	43,933	44,573
Crab, Blue	1,948	2,079	3,086	1,744	1,490	1,715	1,774	663	1,319	1,711
Flounders	254	264	285	238	291	210	230	247	223	261
Mackerel, Spanish	134	138	229	310	371	443	554	401	573	440
Menhaden	301	198	147	130	102	104	89	63	48	70
Mulletts	840	1,656	1,072	1,448	985	772	1,187	1,117	1,171	981
Oysters	783	919	1,755	1,235	1,602	1,623	2,120	3,020	3,639	2,698
Sharks	2	1	36	14	275	337	431	478	463	204
Shrimp	42,277	44,669	56,661	38,592	29,603	30,284	29,197	32,002	38,969	40,155
Snapper, Red	126	140	218	280	368	359	382	638	536	208
Snapper, Vermilion	10	29	25	55	54	83	152	149	318	320

Total Landings and Landings of Key Species / Species Groups (thousands of pounds)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total Landings	30,099	27,438	30,530	25,858	23,658	25,535	26,559	23,985	33,749	28,971
Finfish & Other	6,177	5,568	4,837	6,253	5,451	5,982	6,248	5,552	6,498	4,810
Shellfish	23,922	21,870	25,693	19,605	18,207	19,553	20,311	18,432	27,251	24,161
Crab, Blue	3,478	3,768	4,784	2,458	2,575	2,958	3,329	1,024	2,384	2,557
Flounders	148	155	159	137	176	118	138	130	118	133
Mackerel, Spanish	218	243	384	506	762	858	914	568	873	565
Menhaden	3,530	2,387	1,642	1,589	982	1,022	828	521	350	469
Mulletts	1,607	2,069	1,739	2,539	1,949	1,700	2,133	1,976	1,913	1,793
Oysters	340	377	792	575	759	816	908	1,041	940	769
Sharks	6	3	69	24	329	803	716	800	1,227	315
Shrimp	20,094	17,721	20,103	16,566	14,857	15,770	16,064	16,260	23,917	20,830
Snapper, Red	56	68	94	118	152	132	138	214	177	58
Snapper, Vermilion	5	16	13	27	28	36	66	66	122	128

Average Annual Price for Key Species / Species Groups (price per pound)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Crab, Blue	0.56	0.55	0.65	0.71	0.58	0.58	0.53	0.65	0.55	0.67
Flounders	1.72	1.70	1.79	1.74	1.65	1.78	1.67	1.91	1.89	1.97
Mackerel, Spanish	0.62	0.57	0.60	0.61	0.49	0.52	0.61	0.71	0.66	0.78
Menhaden	0.09	0.08	0.09	0.08	0.10	0.10	0.11	0.12	0.14	0.15
Mulletts	0.52	0.80	0.62	0.57	0.51	0.45	0.56	0.57	0.61	0.55
Oysters	2.30	2.44	2.22	2.15	2.11	1.99	2.33	2.90	3.87	3.51
Sharks	0.35	0.39	0.52	0.58	0.83	0.42	0.60	0.60	0.38	0.65
Shrimp	2.10	2.52	2.82	2.33	1.99	1.92	1.82	1.97	1.63	1.93
Snapper, Red	2.26	2.05	2.32	2.37	2.41	2.72	2.78	2.98	3.03	3.61
Snapper, Vermilion	1.89	1.81	2.01	2.04	1.92	2.31	2.32	2.26	2.61	2.50

2007 Economic Impacts of Recreational Fishing Expenditures (thousands of dollars)

Impact Category	Jobs	Total Sales	Value Added
Trip Impacts by Fishing Mode:			
Private Boat	582	55,415	30,339
Shore	903	73,520	39,549
For-Hire	495	37,018	20,377
Total Durable Equipment Impacts	4,779	488,400	247,228
Total State Trip and Durable Equipment Economic Impacts	6,759	654,353	337,493

2007 Angler Trip & Durable Equipment Expenditures (thousands of dollars)

Fishing Mode	Trip Expenditures		Durable Equipment Expenditures	Expenditures
	Non-Residents	Residents		
Private Boat	12,795	41,534	Fishing Tackle	80,913
Shore	33,187	26,131	Other Equipment	35,141
For-Hire	15,297	9,407	Boat Expenses	360,597
Total Trip Expenditures	61,279	77,072	Vehicle Expenses	51,568
			Second Home Expenses	29,424
			Total Durable Equipment Expenditures	557,643
Total State Trip and Durable Equipment Expenditures				695,994

Recreational Anglers by Residential Area (thousands of anglers)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Coastal	101	131	143	213	123	187	223	231	233	253
Non-Coastal	56	92	94	113	97	123	159	93	184	169
Out-of-State	100	143	148	227	193	214	345	161	320	291
Total Anglers	257	367	385	553	413	524	728	485	736	712

Recreational Fishing Effort by Mode (thousands of trips)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
For-Hire	71	80	62	63	68	67	77	55	77	74
Private or Rental	509	613	545	825	606	846	907	806	857	1,007
Shore	389	477	479	748	516	588	1,056	705	1,209	1,038
Total Trips	968	1,170	1,087	1,636	1,190	1,500	2,040	1,566	2,143	2,120

Harvest (H) and Release (R) of Key Species / Species Groups (number of fish in thousands)

Species/Groups		1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Bluefish	H	112	86	62	89	51	45	167	24	26	33
	R	57	76	59	113	64	126	187	93	264	208
Drum (Atlantic Croaker)	H	211	212	225	360	187	244	132	159	330	289
	R	356	605	539	546	467	512	786	748	683	930
Drum (Kingfishes) ¹	H	445	386	433	1,202	412	486	813	483	572	514
	R	114	214	193	368	162	185	382	300	589	247
Drum, Red	H	80	85	58	136	84	114	119	127	112	99
	R	79	95	73	172	104	245	145	160	176	128
Drum (Sand Seatrout)	H	868	892	557	712	428	709	716	410	725	688
	R	142	269	185	180	130	225	345	333	506	428
Drum (Spotted Seatrout)	H	72	155	166	295	193	345	199	344	308	308
	R	52	250	245	356	167	431	142	367	449	418
Flounder, Southern	H	63	126	65	182	82	113	114	114	113	98
	R	10	40	16	45	16	68	58	74	51	38
Mackerel, Spanish	H	143	341	185	328	106	122	398	94	143	99
	R	19	120	57	115	16	100	253	58	89	30
Porgies (Sheepshead)	H	96	130	141	313	191	299	383	284	216	282
	R	42	18	60	109	81	88	98	89	75	33
Snapper, Red	H	363	402	267	349	473	380	411	277	197	232
	R	487	618	685	910	983	665	654	560	688	659

¹Kingfishes include southern kingfish and Gulf kingfish.

Alabama's State Economy (% of national total)

	Establishments	Employees	Annual Payroll (\$ millions)	Employee Compensation (\$ millions) ¹	Gross State Product (\$ millions)	Commercial Location Quotient ²
1998	100,316 (1.5%)	1,604,110 (1.5%)	40,331 (1.2%)	71,810 (1.2%)	106,656 (1.2%)	0.4
2006	103,460 (1.4%)	1,713,399 (1.4%)	55,942 (1.2%)	92,659 (1.2%)	158,566 (1.2%)	0.32
% change	3.1%	6.8%	38.7%	29.0%	48.7%	-20.0%

Seafood Sales and Processing - Nonemployer Firms (thousands of dollars)

		1998	1999	2000	2001	2002	2003	2004	2005	2006
Seafood product preparation & packaging	Firms	27	47	46	39	44	36	43	40	34
	Receipts	1,076	2,598	3,677	2,711	3,603	1,168	3,413	3,414	1,558
Seafood Sales, retail	Firms	44	44	44	50	58	55	61	44	57
	Receipts	2,508	3,503	3,878	3,633	3,456	3,812	3,645	3,855	4,802

Seafood Sales & Processing – Employer Establishments (thousands of dollars)

		1998	1999	2000	2001	2002	2003	2004	2005	2006
Seafood product preparation & packaging	Establishment	24	16	17	21	22	24	23	26	24
	Employees	1,799	1,776	1,725	1,880	1,951	2,057	2,037	1,925	1,629
	Payroll	28,604	29,809	33,811	32,692	36,198	36,766	36,130	38,229	34,703
Seafood sales, wholesale	Establishment	47	47	47	45	36	33	31	26	26
	Employees	577	F	887	692	547	611	588	607	395
	Payroll	7,669	F	10,252	9,597	7,062	6,148	6,752	6,345	6,195
Seafood sales, retail	Establishment	24	22	28	30	35	37	35	34	28
	Employees	47	53	F	95	110	F	96	95	F
	Payroll	655	625	F	1,244	1,589	F	1,401	1,399	F

Transport, Support, & Marine Operations – Employer Establishments (thousands of dollars)

		1998	1999	2000	2001	2002	2003	2004	2005	2006
Coastal & Great Lakes freight transportation	Establishment	9	10	8	9	6	13	10	10	6
	Employees	F	F	F	F	F	F	F	F	15
	Payroll	F	F	F	F	F	F	F	F	754
Deep sea freight transportation	Establishment	1	4	3	2	2	5	3	3	3
	Employees	F	F	F	F	F	53	F	F	F
	Payroll	F	F	F	F	F	3,661	F	F	F
Deep sea passenger transportation	Establishment	M	1	1	2	M	1	1	1	1
	Employees	M	F	F	F	M	F	F	F	F
	Payroll	M	F	F	F	M	F	F	F	F
Marinas	Establishment	61	57	59	61	48	53	52	58	52
	Employees	263	276	F	F	242	287	341	347	312
	Payroll	4,981	5,153	F	F	4,966	6,218	7,631	8,047	8,388
Marine cargo handling	Establishment	21	22	21	19	19	17	18	17	14
	Employees	733	687	F	617	635	445	577	672	F
	Payroll	27,624	23,312	F	20,809	20,592	19,642	26,201	28,458	F
Navigational services to shipping	Establishment	19	19	16	11	15	12	16	17	18
	Employees	173	184	F	F	220	410	F	F	F
	Payroll	6,343	5,116	F	F	9,317	19,602	F	F	F
Port & harbor operations	Establishment	3	5	5	7	6	3	1	3	3
	Employees	F	16	F	F	162	F	F	F	F
	Payroll	F	668	F	F	6,321	F	F	F	F
Ship & boat building	Establishment	45	42	41	41	45	41	42	45	47
	Employees	3,201	2,954	2,421	2,575	2,901	2,781	2,195	2,591	3,027
	Payroll	86,700	83,325	78,014	105,756	92,916	81,092	83,756	86,453	121,185

F = Data is suppressed due to confidentiality restrictions. M = Data is not available.

¹Employee Compensation data was available from 2001-2005 only. Data from 2001 is reported here.

²The U.S. Commercial Fishing Location Quotient (CFLQ) of 1.0 represents the national baseline from which state CFLQs can be compared.

2007 Economic Impacts of the Florida Seafood Industry (thousands of dollars)¹

	Sales Impacts	Income Impacts	Job Impacts
Total Impacts	5,109,134	2,805,289	101,168
Commercial Harvesters	176,275	76,727	3,174
Seafood Processors & Dealers	382,863	183,873	3,679
Seafood Wholesalers & Distributors	1,137,997	564,616	10,810
Retail Sectors	3,411,999	1,980,073	83,504

Total Landings Revenue and Landings Revenue of Key Species/Species Groups (thousands of dollars)²

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total Revenue	168,552	165,864	159,635	146,558	144,185	141,185	148,058	137,912	150,001	132,198
Finfish & Other	43,459	50,748	48,344	52,707	51,609	51,451	52,331	50,600	50,351	45,663
Shellfish	125,093	115,116	111,291	93,851	92,576	89,734	95,727	87,312	99,650	86,535
Clams, Quahog	4,989	6,816	5,225	4,740	3,606	3,870	2,074	1,736	807	914
Crab, Blue	8,027	7,863	6,154	4,855	5,644	7,061	7,316	7,035	7,042	5,817
Crab, Stone	22,856	23,914	28,353	20,136	22,874	22,913	26,507	21,074	23,977	26,127
Gag	6,074	4,837	5,521	8,050	7,380	6,855	7,615	7,084	4,151	4,348
Grouper, Red	8,751	13,286	13,324	13,519	12,859	11,695	13,281	13,376	14,382	11,023
Lobsters	19,945	29,758	25,362	14,847	18,932	17,138	20,724	15,077	24,885	24,545
Mulletts	4,762	6,727	5,121	6,126	6,059	4,755	4,891	4,355	6,021	3,529
Oyster	2,440	3,595	3,873	3,855	3,125	2,932	2,884	2,854	5,415	6,631
Shrimp	63,057	39,875	40,660	44,021	37,252	34,893	34,737	38,625	36,792	21,277
Snapper, Red	461	978	1,303	1,509	2,188	2,284	2,168	1,671	1,991	3,066

Total Landings and Landings of Key Species / Species Groups (thousands of pounds)²

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total Landings	99,933	91,765	77,342	80,336	82,075	79,163	83,894	73,038	73,422	59,244
Finfish & Other	39,059	44,504	39,296	44,498	43,586	41,697	41,134	36,543	35,882	29,899
Shellfish	60,875	47,261	38,046	35,838	38,489	37,466	42,760	36,496	37,540	29,345
Clams, Quahog	540	755	549	509	480	558	266	212	96	116
Crab, Blue	12,863	11,169	6,573	4,647	5,567	7,225	8,083	7,370	8,609	6,113
Crab, Stone	6,951	5,606	6,747	6,594	6,385	5,253	5,933	4,502	4,773	5,838
Gag	2,613	2,039	2,234	3,281	3,136	2,691	3,054	2,688	1,436	1,339
Grouper, Red	4,709	7,085	6,916	7,031	6,987	5,841	6,789	6,386	6,061	4,351
Lobsters	5,312	6,880	5,184	2,966	4,080	3,886	4,565	3,059	4,372	3,405
Mulletts	7,506	8,434	7,493	8,989	8,020	6,577	6,660	5,635	7,307	5,378
Oyster	1,537	2,307	2,520	2,559	1,944	1,753	1,644	1,417	2,394	2,959
Shrimp	29,520	16,097	14,906	17,471	19,128	18,131	18,258	19,297	16,849	8,876
Snapper, Red	217	469	563	652	948	928	811	584	649	919

Average Annual Price for Key Species / Species Groups (price per pound)²

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Clams, Quahog	9.23	9.02	9.52	9.31	7.51	6.93	7.79	8.17	8.44	7.90
Crab, Blue	0.62	0.70	0.94	1.04	1.01	0.98	0.91	0.95	0.82	0.95
Crab, Stone	3.29	4.27	4.20	3.05	3.58	4.36	4.47	4.68	5.02	4.48
Gag	2.32	2.37	2.47	2.45	2.35	2.55	2.49	2.64	2.89	3.25
Grouper, Red	1.86	1.88	1.93	1.92	1.84	2.00	1.96	2.09	2.37	2.53
Lobsters	3.75	4.33	4.89	5.01	4.64	4.41	4.54	4.93	5.69	7.21
Mulletts	0.63	0.80	0.68	0.68	0.76	0.72	0.73	0.77	0.82	0.66
Oyster	1.59	1.56	1.54	1.51	1.61	1.67	1.75	2.02	2.26	2.24
Shrimp	2.14	2.48	2.73	2.52	1.95	1.92	1.90	2.00	2.18	2.40
Snapper, Red	2.12	2.08	2.32	2.31	2.31	2.46	2.67	2.86	3.07	3.34

¹Information reported in this table is for the state of Florida, not West Florida.²Information reported in this table is for West Florida.

2007 Economic Impacts of Recreational Fishing Expenditures (thousands of dollars)

Impact Category	Jobs	Total Sales	Value Added
Trip Impacts by Fishing Mode:			
Private Boat	4,252	425,890	253,250
Shore	4,749	447,726	260,114
For-Hire	1,991	193,769	114,885
Total Durable Equipment Impacts	54,807	5,762,049	3,076,569
Total State Trip and Durable Equipment Economic Impacts	65,799	6,829,434	3,704,818

2007 Angler Trip & Durable Equipment Expenditures (thousands of dollars)

Fishing Mode	Trip Expenditures		Durable Equipment Expenditures	Expenditures
	Non-Residents	Residents		
Private Boat	128,708	250,652	Fishing Tackle	1,118,478
Shore	256,612	67,215	Other Equipment	375,237
For-Hire	96,494	23,436	Boat Expenses	4,306,467
Total Trip Expenditures	481,814	341,303	Vehicle Expenses	942,562
			Second Home Expenses	187,915
			Total Durable Equipment Expenditures	6,930,659
Total State Trip and Durable Equipment Expenditures				7,753,776

Recreational Anglers by Residential Area (thousands of anglers)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Coastal	1,266	1,218	1,683	1,894	1,703	1,965	2,023	2,088	2,084	1,934
Non-Coastal	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹
Out-of-State	1,696	1,708	2,387	2,552	1,990	2,318	2,141	2,008	1,988	2,151
Total Anglers	2,963	2,926	4,071	4,447	3,693	4,283	4,165	4,096	4,072	4,085

Recreational Fishing Effort by Mode (thousands of trips)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
For-Hire	733	694	628	543	581	496	590	522	560	641
Private or Rental	6,096	6,079	7,893	8,225	8,235	9,222	9,161	8,720	8,932	9,415
Shore	5,406	4,524	6,566	7,621	5,602	6,291	6,680	6,246	6,738	6,343
Total Trips	12,235	11,297	15,086	16,389	14,418	16,009	16,431	15,489	16,230	16,399

Harvest (H) and Release (R) of Key Species / Species Groups (number of fish in thousands)

Species/Groups	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	
Drum, Red	H	274	229	377	266	292	365	323	459	378	430
	R	1,448	1,161	1,453	1,462	1,376	1,938	2,160	2,637	2,898	2,493
Drum (Sand & Silver Seatrouts)	H	639	1,961	1,841	1,047	1,354	751	571	372	412	867
	R	283	824	604	389	321	146	190	105	297	450
Drum (Spotted Seatrout)	H	1,439	1,497	1,610	1,080	1,532	1,629	1,841	1,964	1,506	1,569
	R	7,978	9,451	9,377	6,201	10,710	10,470	9,601	11,507	8,733	10,432
Gag	H	533	504	671	453	490	470	614	458	262	299
	R	2,066	1,437	1,416	1,905	2,449	3,359	3,530	2,377	1,793	2,923
Mackerel, King	H	371	285	213	212	262	196	189	175	368	252
	R	67	64	81	249	139	96	108	134	463	79
Mackerel, Spanish	H	959	1,197	1,346	2,122	1,810	1,317	1,687	985	1,754	1,582
	R	673	1,088	1,218	1,705	1,865	2,084	1,913	1,275	2,879	2,058
Mullet ²	H	900	1,210	1,109	1,436	1,010	840	1,112	1,017	1,241	729
	R	167	119	166	342	93	187	282	260	139	214
Porgies (Sheepshead)	H	697	884	725	745	686	761	871	798	732	709
	R	1,104	1,129	1,272	961	1,125	1,370	1,547	1,390	938	740
Snapper, Gray	H	795	552	682	805	655	980	881	838	654	890
	R	3,261	2,221	3,223	2,562	2,998	4,808	3,429	4,751	2,646	4,360
Snook, Common	H	63	57	42	36	50	45	69	65	38	30
	R	530	679	1,302	1,290	1,292	1,359	2,039	2,283	1,575	1,574

¹All Florida residents are considered coastal county residents thus this category is not applicable (NA).²Mulletts include "Mullet Genus" and striped mulletts.

Florida's State Economy (% of national total)

	Establishments	Employees	Annual Payroll (\$ millions)	Employee Compensation (\$ millions) ¹	Gross State Product (\$ millions)	Commercial Location Quotient ²
1998	420,638 (6.1%)	5,756,353 (5.3%)	149,937 (4.5%)	286,753 (4.8%)	417,169 (4.8%)	1.36
2006	517,069 (6.8%)	7,535,515 (6.3%)	260,444 (5.4%)	395,591 (5.3%)	716,505 (5.5%)	1.01
% change	22.9%	30.9%	73.7%	38.0%	71.8%	-25.7%

Seafood Sales & Processing – Nonemployer Firms (thousands of dollars)

		1998	1999	2000	2001	2002	2003	2004	2005	2006
Seafood product preparation & packaging	Firms	58	65	102	104	116	142	177	164	174
	Receipts	4,995	7,153	8,330	6,350	5,064	8,047	8,652	8,756	10,184
Seafood Sales, retail	Firms	239	221	219	212	243	240	247	247	251
	Receipts	19,361	20,274	18,978	17,935	20,837	18,064	18,004	22,787	20,708

Seafood Sales & Processing – Employer Establishments (thousands of dollars)

		1998	1999	2000	2001	2002	2003	2004	2005	2006
Seafood product preparation & packaging	Establishments	47	43	41	43	33	27	24	25	22
	Employees	2,488	2,336	2,188	2,033	2,359	2,084	2,193	1,616	1,704
	Payroll	51,439	52,842	58,821	58,977	65,914	61,452	65,881	47,529	62,801
Seafood sales, wholesale	Establishments	346	349	329	323	314	293	261	258	259
	Employees	2,826	2,733	2,915	2,670	2,395	1,835	1,948	1,883	2,091
	Payroll	66,264	69,139	76,363	76,717	78,160	55,874	63,276	65,339	73,897
Seafood sales, retail	Establishments	135	133	135	159	190	174	190	176	173
	Employees	595	869	575	697	908	952	977	970	936
	Payroll	9,841	20,664	10,359	13,403	17,186	15,673	17,575	19,192	19,513

Transport, Support, & Marine Operations – Employer Establishments (thousands of dollars)

		1998	1999	2000	2001	2002	2003	2004	2005	2006
Coastal & Great Lakes freight transportation	Establishments	49	55	54	58	51	66	59	59	54
	Employees	772	3,404	2,391	3,208	2,856	F	1,132	1,150	1,217
	Payroll	32,288	190,731	108,638	150,964	143,185	F	80,422	71,420	91,638
Deep sea freight transportation	Establishments	67	69	58	51	62	61	63	69	73
	Employees	3,576	3,622	2,209	2,123	1,858	2,535	2,567	2,622	3,729
	Payroll	154,115	119,744	99,384	106,848	107,564	131,904	150,701	207,300	226,810
Deep sea passenger transportation	Establishments	30	31	30	30	31	36	32	31	37
	Employees	6,775	7,846	9,165	8,719	7,863	8,879	8,849	8,492	9,077
	Payroll	272,287	306,202	349,974	394,932	315,551	428,941	536,753	504,625	571,590
Marinas	Establishments	496	484	476	509	481	528	532	551	513
	Employees	3,536	3,750	3,799	3,876	3,449	5,079	5,067	5,069	5,494
	Payroll	74,657	82,790	88,436	88,274	90,662	111,324	125,763	133,384	146,390
Marine cargo handling	Establishments	75	67	65	71	74	68	66	63	66
	Employees	4,988	4,209	4,549	4,863	4,405	5,651	5,671	6,409	7,266
	Payroll	101,915	96,650	92,843	124,760	109,555	171,481	175,257	177,983	189,020
Navigational services to shipping	Establishments	139	142	142	133	141	140	149	148	142
	Employees	651	749	866	755	714	817	686	660	781
	Payroll	29,634	35,977	36,730	35,854	34,040	39,524	39,309	42,200	48,370
Port & harbor operations	Establishments	22	18	22	25	29	26	29	31	27
	Employees	542	556	914	1,355	1,180	592	1,045	973	584
	Payroll	22,160	17,401	19,082	25,246	26,928	19,071	24,327	22,606	19,417
Ship & boat building	Establishments	291	301	300	313	291	290	306	312	301
	Employees	12,089	13,755	14,773	13,182	11,407	11,830	12,503	12,729	12,385
	Payroll	350,304	391,289	447,253	405,856	379,828	393,985	443,379	454,209	427,888

F = Data is suppressed due to confidentiality restrictions. M = Data is not available.

Note: Information reported in these tables are for the entire state of Florida, not West Florida.

¹Employee Compensation data was available from 2001-2005 only. Data from 2001 is reported here.

²The U.S. Commercial Fishing Location Quotient (CFLQ) of 1.0 represents the national baseline from which state CFLQs can be compared.

2007 Economic Impacts of the Louisiana Seafood Industry (*thousands of dollars*)

	Sales Impacts	Income Impacts	Job Impacts
Total Impacts	2,125,898	1,107,049	47,081
Commercial Harvesters	307,500	130,440	6,694
Seafood Processors & Dealers	286,861	90,835	2,982
Seafood Wholesalers & Distributors	151,430	75,119	1,483
Retail Sectors	1,380,107	810,656	35,922

Total Landings Revenue and Landings Revenue of Key Species/Species Groups (*thousands of dollars*)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total Revenue	311,643	336,963	421,199	347,253	280,630	270,408	274,082	251,678	278,112	287,012
Finfish & Other	76,293	100,860	105,389	86,823	70,327	63,299	66,074	49,443	60,735	65,180
Shellfish	235,350	236,104	315,810	260,430	210,303	207,109	208,008	202,235	217,377	221,832
Crab, Blue	30,744	28,210	34,395	31,967	30,685	33,623	29,881	27,419	32,605	34,801
Crawfish	14,392	10,480	684	8,511	8,070	4,845	4,810	8,360	1,290	9,011
Mackerel, King	851	790	1,017	996	1,046	990	1,198	1,273	1,112	1,298
Menhaden	47,292	66,327	68,586	58,961	40,378	34,464	35,249	25,776	36,441	41,368
Mulletts	2,473	5,307	5,265	2,417	1,688	2,592	2,681	946	2,061	686
Oysters	30,994	25,777	27,526	31,853	30,296	33,358	34,814	33,305	35,999	40,136
Shrimp	159,176	171,481	253,032	187,969	141,213	135,153	138,466	133,143	147,472	137,862
Snapper, Red	6,166	5,644	5,841	5,411	4,696	3,960	3,861	3,568	4,472	2,529
Snapper, Vermilion	901	1,332	932	1,114	1,308	1,896	1,663	1,137	762	991
Tunas	7,612	9,081	12,027	7,895	10,845	9,471	10,739	7,687	7,040	8,334

Total Landings and Landings of Key Species / Species Groups (*thousands of pounds*)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total Landings	1,131,978	1,524,728	1,359,242	1,195,654	1,312,139	1,181,607	1,095,571	849,280	918,498	997,613
Finfish & Other	941,464	1,331,608	1,148,595	1,003,402	1,124,627	985,164	895,336	681,322	714,545	814,643
Shellfish	190,514	193,121	210,647	192,252	187,511	196,443	200,235	167,959	203,953	182,970
Crab, Blue	43,657	46,664	52,047	41,799	50,123	48,089	44,397	38,100	53,394	44,844
Crawfish	21,978	13,226	393	10,410	15,602	8,337	8,537	15,177	1,469	15,802
Mackerel, King	843	838	949	818	866	911	984	867	971	879
Menhaden	908,070	1,288,558	1,111,979	971,102	1,093,997	953,714	862,947	657,702	689,853	789,621
Mulletts	6,252	8,954	7,253	4,260	2,555	4,524	4,754	1,238	3,361	1,375
Oysters	12,856	12,128	12,718	15,133	13,962	13,609	13,902	12,099	11,417	12,857
Shrimp	111,996	121,004	145,385	124,813	107,795	125,730	133,370	102,576	137,662	109,441
Snapper, Red	2,965	2,965	2,784	2,436	2,178	1,725	1,560	1,316	1,653	807
Snapper, Vermilion	458	741	504	601	755	1,053	921	588	365	517
Tunas	3,177	4,594	3,871	2,706	3,587	3,184	3,230	2,296	2,143	2,476

Average Annual Price for Key Species / Species Groups (*price per pound*)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Crab, Blue	0.70	0.60	0.66	0.76	0.61	0.70	0.67	0.72	0.61	0.78
Crawfish	0.65	0.79	1.74	0.82	0.52	0.58	0.56	0.55	0.88	0.57
Mackerel, King	1.01	0.94	1.07	1.22	1.21	1.09	1.22	1.47	1.15	1.48
Menhaden	0.05	0.05	0.06	0.06	0.04	0.04	0.04	0.04	0.05	0.05
Mulletts	0.40	0.59	0.73	0.57	0.66	0.57	0.56	0.76	0.61	0.50
Oysters	2.41	2.13	2.16	2.10	2.17	2.45	2.50	2.75	3.15	3.12
Shrimp	1.42	1.42	1.74	1.51	1.31	1.07	1.04	1.30	1.07	1.26
Snapper, Red	2.08	1.90	2.10	2.22	2.16	2.30	2.47	2.71	2.71	3.13
Snapper, Vermilion	1.97	1.80	1.85	1.86	1.73	1.80	1.81	1.93	2.09	1.92
Tunas	2.40	1.98	3.11	2.92	3.02	2.97	3.33	3.35	3.29	3.37

2007 Economic Impacts of Recreational Fishing Expenditures (thousands of dollars)

Impact Category	Jobs	Total Sales	Value Added
Trip Impacts by Fishing Mode:			
Private Boat	2,331	247,899	121,925
Shore	860	82,498	41,645
For-Hire	675	64,151	36,425
Total Durable Equipment Impacts	23,579	2,058,844	1,034,453
Total State Trip and Durable Equipment Economic Impacts	27,446	2,453,392	1,234,449

2007 Angler Trip & Durable Equipment Expenditures (thousands of dollars)

Fishing Mode	Trip Expenditures		Durable Equipment Expenditures	Expenditures
	Non-Residents	Residents		
Private Boat	21,477	167,404	Fishing Tackle	345,061
Shore	3,240	63,820	Other Equipment	165,375
For-Hire	21,278	20,229	Boat Expenses	1,835,105
Total Trip Expenditures	45,995	251,453	Vehicle Expenses	131,109
			Second Home Expenses	175,563
			Total Durable Equipment Expenditures	2,652,213
Total State Trip and Durable Equipment Expenditures				2,949,661

Recreational Anglers by Residential Area (thousands of anglers)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Coastal	434	409	552	593	484	727	747	706	868	853
Non-Coastal	41	33	67	67	68	79	133	68	108	124
Out-of-State	106	91	118	137	117	204	179	138	198	157
Total Anglers	581	533	737	797	669	1,011	1,059	911	1,174	1,134

Recreational Fishing Effort by Mode (thousands of trips)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
For-Hire	65	64	94	118	94	104	139	128	176	141
Private or Rental	1,862	1,979	2,722	2,646	2,251	3,295	3,446	2,639	3,381	3,165
Shore	746	579	935	851	674	872	1,209	1,159	934	1,210
Total Trips	2,673	2,621	3,752	3,615	3,019	4,271	4,795	3,926	4,491	4,516

Harvest (H) and Release (R) of Key Species / Species Groups (number of fish in thousands)¹

Species/Groups		1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Drum (Atlantic Croaker)	H	407	369	958	532	281	379	405	528	914	856
	R	923	1,037	2,967	1,157	1,055	1,011	2,011	919	1,411	1,173
Drum, Black	H	401	351	679	446	511	485	509	314	389	351
	R	747	401	1,079	828	885	834	904	525	657	682
Drum, Red	H	1,427	1,763	2,774	2,652	2,042	2,143	2,349	1,554	2,254	2,390
	R	2,953	2,663	3,866	3,380	3,277	3,545	3,103	2,445	3,848	3,360
Drum (Sand Seatrout)	H	851	999	1,257	449	599	983	601	773	1,161	1,122
	R	409	402	610	205	506	302	419	204	651	578
Drum (Southern Kingfish)	H	81	160	153	145	105	159	309	335	153	118
	R	41	110	67	180	23	63	112	286	166	34
Drum (Spotted Seatrout)	H	4,996	7,025	9,616	7,698	5,270	7,318	8,082	7,317	13,230	9,337
	R	4,863	6,089	6,726	4,007	3,862	7,484	7,794	7,046	10,644	7,401
Flounder, Southern	H	230	380	388	258	272	407	475	290	387	356
	R	53	41	71	65	48	115	102	64	80	83
Porgies (Sheepshead)	H	478	322	389	326	607	805	1,174	867	474	309
	R	468	266	384	453	433	520	525	482	507	290
Snapper, Red	H	131	80	98	55	47	71	83	104	201	148
	R	99	198	112	48	40	166	240	308	438	277
Tuna, Yellowfin	H	5	7	3	14	8	14	8	14	11	8
	R	(1)	1	(1)	1	(1)	(1)	(1)	2	(1)	1

¹In this table, "1" = 1000-1499 fish were harvested or released and "(1)" = 0-999 fish were harvested or released.

Louisiana's State Economy (% of national total)

	Establishments	Employees	Annual Payroll (\$ millions)	Employee Compensation ¹ (\$ millions)	Gross State Product (\$ millions)	Commercial Location Quotient ²
1998	100,667 (1.5%)	1,577,220 (1.5%)	40,802 (1.2%)	70,219 (1.2%)	118,085 (1.4%)	1.84
2006	101,802 (1.3%)	1,593,033 (1.3%)	55,518 (1.2%)	88,075 (1.2%)	203,167 (1.5%)	2.28
% change	1.1%	1.0%	36.1%	25.4%	72.1%	23.9%

Seafood Sales & Processing – Nonemployer Firms (thousands of dollars)

		1998	1999	2000	2001	2002	2003	2004	2005	2006
Seafood product preparation & packaging	Firms	44	46	39	58	66	73	75	76	99
	Receipts	4,593	3,050	3,466	2,918	3,006	4,678	10,097	8,513	8,179
Seafood sales, retail	Firms	148	165	172	170	185	208	204	156	181
	Receipts	13,155	13,847	11,806	12,586	15,201	22,637	18,148	14,585	20,046

Seafood Sales & Processing – Employer Establishments (thousands of dollars)

		1998	1999	2000	2001	2002	2003	2004	2005	2006
Seafood product preparation & packaging	Establishments	59	56	56	50	50	54	54	50	40
	Employees	1,582	1,755	1,282	1,141	1,185	1,693	1,519	1,556	1,506
	Payroll	34,819	34,496	45,285	48,331	52,861	56,562	47,016	43,801	45,439
Seafood sales, wholesale	Establishments	176	163	162	164	152	134	133	128	112
	Employees	1,264	1,354	1,187	1,245	1,270	1,001	975	1,037	807
	Payroll	18,886	19,741	21,717	23,053	22,363	19,539	19,639	17,649	21,243
Seafood sales, retail	Establishments	90	89	88	88	123	109	111	106	101
	Employees	478	502	438	518	640	796	745	723	759
	Payroll	4,934	4,954	5,162	5,636	7,033	9,406	9,567	8,277	10,560

Transport, Support, & Marine Operations – Employer Establishments (thousands of dollars)

		1998	1999	2000	2001	2002	2003	2004	2005	2006
Coastal & Great Lakes freight transportation	Establishments	141	137	131	118	109	160	148	136	137
	Employees	7,513	6,672	5,925	5,689	5,494	6,779	6,656	5,771	6,397
	Payroll	265,831	238,036	239,195	267,470	236,730	287,415	300,547	294,941	386,136
Deep sea freight transportation	Establishments	34	35	34	31	28	25	22	25	24
	Employees	769	900	F	860	647	831	705	F	595
	Payroll	26,650	32,851	F	37,269	29,432	43,634	38,949	F	35,269
Deep sea passenger transportation	Establishments	M	7	9	8	6	4	3	3	2
	Employees	M	F	F	F	66	F	F	F	F
	Payroll	M	F	F	F	2,748	F	F	F	F
Marinas	Establishments	79	78	74	74	57	53	52	53	41
	Employees	466	F	F	F	345	409	F	352	F
	Payroll	9,284	F	F	F	8,724	11,019	F	10,213	F
Marine cargo handling	Establishments	67	59	59	58	47	47	47	46	51
	Employees	2,898	3,343	3,183	3,313	3,089	3,784	3,278	3,263	3,100
	Payroll	94,749	94,890	94,375	102,484	114,659	131,274	127,896	110,129	118,748
Navigational services to shipping	Establishments	162	155	142	142	148	118	127	120	129
	Employees	3,610	3,434	3,288	3,614	3,371	2,738	2,472	2,136	2,204
	Payroll	122,977	118,525	120,337	133,061	135,223	112,412	109,008	96,202	115,222
Port & harbor operations	Establishments	17	18	18	19	15	13	18	18	18
	Employees	1,415	1,769	1,413	1,292	1,136	363	F	418	436
	Payroll	47,768	48,919	49,875	51,443	47,191	18,331	F	19,510	29,676
Ship & boat building	Establishments	129	117	121	116	113	113	113	111	108
	Employees	15,572	14,596	14,023	13,643	12,786	12,910	13,206	11,016	11,521
	Payroll	471,197	457,339	434,510	477,137	448,749	452,315	460,606	376,407	437,028

F = Data is suppressed due to confidentiality restrictions. M = Data is not available.

¹Employee Compensation data was available from 2001-2005 only. Data from 2001 is reported here.

²The U.S. Commercial Fishing Location Quotient (CFLQ) of 1.0 represents the national baseline from which state CFLQs can be compared.

2007 Economic Impacts of the Mississippi Seafood Industry (thousands of dollars)

	Sales Impacts	Income Impacts	Job Impacts
Total Impacts	362,963	184,401	8,244
Commercial Harvesters	77,395	23,826	1,499
Seafood Processors & Dealers	55,988	27,959	1,097
Seafood Wholesalers & Distributors	22,983	11,346	224
Retail Sectors	206,597	121,270	5,424

Total Landings Revenue and Landings Revenue of Key Species/Species Groups (thousands of dollars)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total Revenue	48,402	48,609	58,751	50,633	47,565	46,149	43,618	23,386	21,586	39,340
Finfish & Other	11,222	14,036	13,706	14,432	12,627	12,396	10,485	7,804	8,959	21,359
Shellfish	37,181	34,573	45,046	36,201	34,938	33,753	33,133	15,582	12,628	17,981
Crab, Blue	432	682	637	391	572	687	658	433	928	741
Flounders	94	164	184	131	63	49	32	20	36	58
Menhaden	9,051	11,965	11,922	13,252	11,625	11,277	9,564	7,074	8,447	20,658
Mulletts	166	366	167	114	22	34	54	38	23	35
Oysters	3,813	4,457	6,113	4,195	4,456	7,228	6,073	1,447	ND ¹	819
Shrimp	32,935	29,433	38,294	31,614	29,910	25,619	26,353	13,698	11,699	16,418
Snapper, Red	415	146	220	106	100	88	71	115	ND ¹	ND ¹
Snapper, Vermilion	230	ND ¹	ND ¹	ND ¹	ND ¹	ND ¹	ND ¹	ND ¹	ND ¹	ND ¹

Total Landings and Landings of Key Species / Species Groups (thousands of pounds)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total Landings	210,727	267,591	217,764	213,922	217,968	213,469	183,558	167,610	221,720	227,834
Finfish & Other	191,624	249,384	198,559	194,885	197,691	190,733	161,669	158,721	212,213	216,375
Shellfish	19,103	18,207	19,204	19,037	20,277	22,736	21,889	8,889	9,507	11,459
Crab, Blue	593	923	840	434	717	877	811	429	1,127	737
Flounders	54	93	110	84	46	31	18	10	16	25
Menhaden	181,021	239,297	190,168	192,467	195,371	187,956	159,392	157,194	211,163	215,182
Mulletts	319	522	256	233	64	94	128	99	66	70
Oysters	2,389	2,793	3,548	2,653	2,738	4,042	3,029	610	ND ¹	299
Shrimp	16,120	14,490	14,814	15,949	16,822	17,560	17,992	7,848	8,380	10,421
Snapper, Red	209	79	103	52	46	43	35	54	ND ¹	ND ¹
Snapper, Vermilion	138	ND ¹	ND ¹	ND ¹	ND ¹	ND ¹	ND ¹	ND ¹	ND ¹	ND ¹

Average Annual Price for Key Species / Species Groups (price per pound)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Crab, Blue	0.73	0.74	0.76	0.90	0.80	0.78	0.81	1.01	0.82	1.01
Flounders	1.75	1.75	1.68	1.56	1.35	1.57	1.73	1.88	2.22	2.38
Menhaden	0.05	0.05	0.06	0.07	0.06	0.06	0.06	0.05	0.04	0.10
Mulletts	0.52	0.70	0.65	0.49	0.34	0.36	0.42	0.38	0.35	0.50
Oysters	1.60	1.60	1.72	1.58	1.63	1.79	2.00	2.37	ND ¹	2.74
Shrimp	2.04	2.03	2.58	1.98	1.78	1.46	1.46	1.75	1.40	1.58
Snapper, Red	1.98	1.85	2.15	2.04	2.17	2.06	2.05	2.13	ND ¹	ND ¹
Snapper, Vermilion	1.67	ND ¹	ND ¹	ND ¹	ND ¹	ND ¹	ND ¹	ND ¹	ND ¹	ND ¹

¹ND = data is confidential thus not disclosable.

2007 Economic Impacts of Recreational Fishing Expenditures (thousands of dollars)

Impact Category	Jobs	Total Sales	Value Added
Trip Impacts by Fishing Mode:			
Private Boat	202	23,278	11,156
Shore	50	4,755	2,371
For-Hire	69	6,045	3,406
Total Durable Equipment Impacts	4,387	582,852	222,088
Total State Trip and Durable Equipment Economic Impacts	4,707	616,930	239,021

2007 Angler Trip & Durable Equipment Expenditures (thousands of dollars)

Fishing Mode	Trip Expenditures		Durable Equipment Expenditures	Expenditures
	Non-Residents	Residents		
Private Boat	963	19,532	Fishing Tackle	73,548
Shore	821	4,090	Other Equipment	17,972
For-Hire	2,978	987	Boat Expenses	28,976
Total Trip Expenditures	4,762	24,609	Vehicle Expenses	512,176
			Second Home Expenses	0
			Total Durable Equipment Expenditures	632,672
Total State Trip and Durable Equipment Expenditures				662,043

Recreational Anglers by Residential Area (thousands of anglers)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Coastal	82	76	161	198	175	159	191	108	143	196
Non-Coastal	25	26	30	48	52	53	26	29	23	34
Out-of-State	68	75	57	82	49	48	46	39	27	55
Total Anglers	175	177	248	327	276	261	263	176	193	284

Recreational Fishing Effort by Mode (thousands of trips)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
For-Hire	35	40	27	18	21	24	12	8	7	20
Private or Rental	472	427	568	676	542	748	592	463	666	848
Shore	321	339	498	556	475	405	485	419	325	366
Total Trips	828	806	1,093	1,250	1,038	1,177	1,089	891	998	1,233

Harvest (H) and Release (R) of Key Species / Species Groups (number of fish in thousands)¹

Species/Groups		1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Drum (Atlantic Croaker)	H	90	209	192	238	206	197	215	30	53	80
	R	604	398	540	818	937	701	351	158	233	274
Drum (Kingfishes) ²	H	276	537	497	490	278	327	316	198	178	169
	R	69	70	27	154	118	61	87	83	47	61
Drum, Red	H	64	56	56	60	60	50	59	33	70	54
	R	144	73	77	132	117	186	130	77	102	77
Drum (Sand & Silver Seatrout)	H	559	1,380	1,053	1,150	866	666	404	267	422	280
	R	131	241	197	288	111	330	109	149	221	254
Drum (Spotted Seatrout)	H	332	378	217	308	372	276	447	352	520	361
	R	444	378	409	638	559	832	745	783	1,046	786
Flounder, Southern	H	118	132	93	275	142	119	103	69	44	118
	R	20	18	20	51	48	67	46	40	26	35
Mullet, Striped ³	H	16	154	232	383	212	550	241	31	5	71
	R	(1)	9	9	516	12	65	1	(1)	4	22
Porgies (Sheepshead)	H	71	29	43	95	69	77	47	30	30	25
	R	39	19	11	127	62	27	24	22	21	11
Sharks ⁴	H	19	5	26	24	13	10	7	7	4	5
	R	84	26	163	65	118	59	46	39	44	41
Snapper, Red	H	39	30	9	21	43	39	16	1	5	7
	R	107	36	40	61	166	90	79	47	32	24

¹In this table, "1" = 1000-1499 fish were harvested or released and "(1)" = 0-999 fish were harvested or released.

²Kingfishes include southern kingfish and Gulf kingfish.

³This species may not be equivalent to species with similar names listed in the commercial tables

⁴Sharks include "Requiem Shark family," "Unidentified Sharks," blacktip sharks, and Atlantic sharpnose sharks. Species included in this group may not be equivalent to species with similar names listed in the commercial tables.

Mississippi's State Economy (% of national total)

	Establishments	Employees	Annual Payroll (\$ millions)	Employee Compensation (\$ millions) ¹	Gross State Product (\$ millions)	Commercial Location Quotient ²
1998	59,771 (0.9%)	937,023 (0.9%)	21,067 (0.6%)	38,081 (0.6%)	60,513 (0.7%)	1.69
2006	60,590 (0.8%)	940,609 (0.8%)	27,439 (0.6%)	47,680 (0.6%)	84,586 (0.6%)	1.96 ³
% change	1.4%	0.4%	30.2%	25.2%	39.8%	16.0%

Seafood Sales & Processing - Nonemployer Firms (thousands of dollars)

		1998	1999	2000	2001	2002	2003	2004	2005	2006
Seafood product preparation & packaging	Firms	M	M	10	13	15	23	18	12	22
	Receipts	F	F	1,300	1,186	915	1,561	1,056	1,045	1,537
Seafood sales, retail	Firms	44	41	52	M	51	51	47	41	53
	Receipts	2,027	2,394	1,665	F	2,486	2,984	3,595	2,934	4,021

Seafood Sales & Processing – Employer Establishment (thousands of dollars)

		1998	1999	2000	2001	2002	2003	2004	2005	2006
Seafood product preparation & packaging	Establishments	33	37	37	33	34	37	33	28	24
	Employees	3,483	4,335	4,339	4,053	3,675	4,438	3,728	3,637	3,353
	Payroll	55,274	69,197	73,350	65,237	70,792	80,229	66,047	63,957	60,510
Seafood sales, wholesale	Establishments	32	32	30	28	29	26	29	30	23
	Employees	217	223	232	226	226	176	166	145	58
	Payroll	3,554	3,805	3,716	4,056	3,791	3,067	3,631	1,822	2,063
Seafood sales, retail	Establishments	19	18	12	17	28	19	17	21	12
	Employees	45	F	F	45	F	47	55	57	41
	Payroll	551	F	F	356	F	468	532	521	395

Transport, Support, & Marine Operations – Employer Establishments (thousands of dollars)

		1998	1999	2000	2001	2002	2003	2004	2005	2006
Coastal & Great Lakes freight transportation	Establishments	6	6	5	5	5	5	6	5	5
	Employees	F	F	F	F	F	F	F	F	F
	Payroll	F	F	F	F	F	F	F	F	F
Deep sea freight transportation	Establishments	1	1	2	1	1	2	2	3	3
	Employees	F	F	F	F	F	F	F	F	F
	Payroll	F	F	F	F	F	F	F	F	F
Deep sea passenger transportation	Establishments	M	M	M	M	M	1	1	1	1
	Employees	M	M	M	M	M	F	F	F	F
	Payroll	M	M	M	M	M	F	F	F	F
Marinas	Establishments	16	17	14	17	18	22	22	25	16
	Employees	117	F	F	F	86	141	220	158	F
	Payroll	1,507	F	F	F	1,388	2,532	2,603	2,358	F
Marine cargo handling	Establishments	12	10	9	9	7	4	5	6	5
	Employees	505	F	300	315	251	F	F	F	238
	Payroll	11,907	F	9,261	10,478	9,284	F	F	F	8,621
Navigational services to shipping	Establishments	10	10	8	8	8	10	9	8	8
	Employees	209	F	61	F	F	F	F	F	F
	Payroll	6,380	F	2,360	F	F	F	F	F	F
Port & harbor operations	Establishments	M	2	1	1	1	1	2	2	1
	Employees	M	F	F	F	F	F	F	F	F
	Payroll	M	F	F	F	F	F	F	F	F
Ship & boat building	Establishments	26	23	24	24	26	21	19	17	20
	Employees	13,798	14,059	12,358	11,531	11,663	F	F	11,845	11,909
	Payroll	472,369	461,139	462,533	465,845	473,191	F	F	471,243	498,660

F = Data is suppressed due to confidentiality restrictions. M = Data is not available.

¹Employee Compensation data was available from 2001-2005 only. Data from 2001 is reported here.

²The U.S. Commercial Fishing Location Quotient (CFLQ) of 1.0 represents the national baseline from which state CFLQs can be compared.

³CFLQ for 2006 was not disclosable (ND); 2005 data was used here.

2007 Economic Impacts of the Texas Seafood Industry (thousands of dollars)

	Sales Impacts	Income Impacts	Job Impacts
Total Impacts	1,942,379	959,363	42,240
Commercial Harvesters	258,719	97,343	2,931
Seafood Processors & Dealers	277,594	81,835	2,348
Seafood Wholesalers & Distributors	137,473	65,577	1,230
Retail Sectors	1,268,593	714,608	35,731

Total Landings Revenue and Landings Revenue of Key Species/Species Groups (thousands of dollars)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total Revenue	210,839	221,440	293,609	218,019	173,340	168,317	166,208	172,337	197,291	174,356
Finfish & Other	9,205	9,536	9,110	7,637	9,600	9,041	10,684	10,813	11,359	9,371
Shellfish	201,634	211,905	284,499	210,382	163,741	159,276	155,524	161,523	185,932	164,985
Crab, Blue	4,549	4,295	3,301	3,905	4,523	3,157	2,663	2,410	1,459	2,660
Croacker, Atlantic	200	306	315	385	451	489	382	415	500	417
Drum, Black	2,816	2,743	2,350	1,703	1,820	1,365	1,444	1,917	2,013	1,657
Flounders	423	603	322	249	371	336	325	276	164	63
Groupers	330	480	374	405	664	1,028	785	795	628	417
Oysters	8,282	13,820	13,847	11,146	11,276	16,493	14,954	15,883	17,263	17,760
Shrimp	188,670	193,621	267,112	195,006	147,701	139,485	137,674	143,045	167,108	144,536
Snapper, Red	2,633	2,680	2,786	2,945	3,363	3,757	5,193	5,345	6,168	3,770
Snapper, Vermilion	648	598	498	456	386	349	611	571	642	1,535
Tunas	697	1,081	1,331	617	1,190	720	ND ¹	340	ND ¹	ND ¹

Total Landings and Landings of Key Species / Species Groups (thousands of pounds)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total Landings	103,563	92,923	110,518	97,393	93,059	96,122	85,557	84,289	117,131	84,940
Finfish & Other	6,572	6,460	6,153	5,132	6,066	5,240	5,852	5,782	5,825	4,953
Shellfish	96,992	86,463	104,365	92,261	86,993	90,883	79,705	78,507	111,306	79,987
Crab, Blue	6,989	6,472	4,653	5,163	7,037	4,811	3,961	3,119	1,966	3,309
Croacker, Atlantic	40	52	52	62	70	75	60	58	67	55
Drum, Black	2,691	2,838	2,837	2,320	2,331	1,677	1,717	2,077	2,212	1,684
Flounders	218	288	160	121	173	159	151	144	68	25
Groupers	162	237	182	187	274	416	329	303	220	141
Oysters	3,438	6,411	6,188	4,700	4,708	6,813	5,569	5,007	4,923	5,188
Shrimp	86,482	73,483	93,420	82,290	75,158	79,166	70,098	70,310	104,378	71,461
Snapper, Red	1,247	1,306	1,300	1,384	1,478	1,607	2,133	1,940	2,158	1,215
Snapper, Vermilion	339	316	251	242	217	192	322	279	273	664
Tunas	310	473	446	209	430	275	ND ¹	112	ND ¹	ND ¹

Average Annual Price for Key Species / Species Groups (price per pound)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Crab, Blue	0.65	0.66	0.71	0.76	0.64	0.66	0.67	0.77	0.74	0.80
Croacker, Atlantic	5.02	5.90	6.09	6.21	6.46	6.49	6.35	7.14	7.43	7.60
Drum, Black	1.05	0.97	0.83	0.73	0.78	0.81	0.84	0.92	0.91	0.98
Flounders	1.94	2.10	2.02	2.06	2.14	2.12	2.15	1.92	2.42	2.48
Groupers	2.04	2.02	2.06	2.17	2.43	2.47	2.39	2.62	2.85	2.96
Oysters	2.41	2.16	2.24	2.37	2.40	2.42	2.69	3.17	3.51	3.42
Shrimp	2.18	2.63	2.86	2.37	1.97	1.76	1.96	2.03	1.60	2.02
Snapper, Red	2.11	2.05	2.14	2.13	2.27	2.34	2.43	2.76	2.86	3.10
Snapper, Vermilion	1.91	1.89	1.98	1.89	1.78	1.82	1.90	2.05	2.35	2.31
Tunas	2.25	2.29	2.98	2.95	2.76	2.62	ND ¹	3.04	ND ¹	ND ¹

¹ND = data is confidential thus not disclosable.

2007 Economic Impacts of Recreational Fishing Expenditures (thousands of dollars)

Impact Category	Jobs	Total Sales	Value Added
Trip Impacts by Fishing Mode:			
Private Boat	1,278	146,803	78,450
Shore	383	41,927	22,637
For-Hire	604	55,524	30,950
Total Durable Equipment Impacts	21,116	2,760,607	1,382,754
Total State Trip and Durable Equipment Economic Impacts	23,382	3,004,862	1,514,791

2007 Angler Trip & Durable Equipment Expenditures (thousands of dollars) ¹

Fishing Mode	Trip Expenditures		Durable Equipment Expenditures	Expenditures
	Non-Residents	Residents		
Private Boat	5,068	93,798	Fishing Tackle	135,687
Shore	2,716	26,296	Other Equipment	71,051
For-Hire	412	32,558	Boat Expenses	834,311
Total Trip Expenditures	8,196	152,652	Vehicle Expenses	215,264
			Second Home Expenses	950,945
			Total Durable Equipment Expenditures	2,207,258
Total State Trip and Durable Equipment Expenditures				2,368,106

Harvest (H) and Release (R) of Key Species / Species Groups (number of fish in thousands)²

Species/Groups		1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Drum (Atlantic Croaker)	H	187	115	170	218	108	96	94	97	96	95
Drum, Black	H	49	48	101	135	64	78	60	56	76	66
Drum, Red	H	184	250	245	211	179	232	214	213	266	289
Drum (Sand Seatrout)	H	100	155	199	58	129	92	133	124	83	95
Drum (Spotted Seatrout)	H	904	1,275	992	983	845	799	763	842	1,017	916
Flounder, Southern	H	81	129	61	61	65	81	81	53	46	49
Mackerel, King	H	40	37	32	17	23	24	27	20	43	11
Porgies (Sheepshead)	H	51	56	37	30	51	41	35	46	33	46
Snapper, Red	H	107	53	57	62	77	52	53	68	86	45

Note: Participation (number of anglers) and effort (number of trips) information were not available for this report.

¹The Marine Recreational Information Program (MRIP) does not collect participation (number of anglers) or effort (number of trips) data for Texas. To calculate trip expenditure estimates, effort by fishing mode was estimated based on 2007 data provided by the Texas Parks and Wildlife Department (TPWD). These effort estimates were reviewed by the TPWD. To calculate angler expenditure estimates (durable equipment expenditures), participation estimates were based on the sum of saltwater licenses sold in Texas plus a proportion of combination licenses sold in Texas. A change in the method of reporting landings occurred in 2007 so data from 2007 is not comparable to earlier years.

²Data collected by the TPWD is reported in this table. The data collected by the TPWD differs from the data collected and reported in the MRIP. Please see the TPWD website for more information: <http://www.tpwd.state.tx.us/fishboat/>.

Texas' State Economy (% of national total)

	Establishments	Employees	Annual Payroll (\$ millions)	Employee Compensation (\$ millions) ¹	Gross State Product (\$ millions)	Commercial Location Quotient ²
1998	462,875 (6.7%)	7,570,820 (7.0%)	229,186 (6.9%)	424,133 (7.2%)	629,209 (7.2%)	0.6
2006	509,080 (6.7%)	8,711,476 (7.3%)	347,736 (7.3%)	546,931 (7.4%)	1,068,119 (8.1%)	0.34
% change	10.0%	15.1%	51.7%	29.0	69.8%	-43.3%

Seafood Sales & Processing - Nonemployer Firms (thousands of dollars)

		1998	1999	2000	2001	2002	2003	2004	2005	2006
Seafood product preparation & packaging	Firms	76	86	85	108	104	99	100	108	109
	Receipts	5,188	5,008	5,596	5,575	3,901	5,234	1,989	2,228	2,974
Seafood sales, retail	Firms	188	172	165	159	152	170	159	159	141
	Receipts	12,935	14,023	14,386	13,079	13,516	16,636	19,131	19,534	18,355

Seafood Sales & Processing – Employer Establishments (thousands of dollars)

		1998	1999	2000	2001	2002	2003	2004	2005	2006
Seafood product preparation & packaging	Establishments	20	26	31	29	27	23	24	23	21
	Employees	1,043	1,165	1,305	1,506	1,453	1,274	1,177	1,288	1,155
	Payroll	17,707	19,037	24,374	24,507	25,772	25,426	24,394	23,842	24,302
Seafood sales, wholesale	Establishments	112	112	113	129	115	99	103	97	92
	Employees	1,074	1,155	1,187	1,102	999	1,057	1,009	1,001	897
	Payroll	31,318	32,576	32,857	33,552	29,430	27,016	27,730	26,408	28,586
Seafood sales, retail	Establishments	56	56	60	63	73	67	60	59	58
	Employees	264	258	271	295	287	227	219	176	207
	Payroll	5,258	5,132	4,863	3,908	3,748	2,985	2,993	3,162	3,229

Transport, Support, & Marine Operations – Employer Establishments (thousands of dollars)

		1998	1999	2000	2001	2002	2003	2004	2005	2006
Coastal & Great Lakes freight transportation	Establishments	39	33	32	37	39	43	43	61	45
	Employees	F	F	846	1,071	866	2,705	2,565	F	2,270
	Payroll	F	F	43,979	49,992	42,377	88,033	91,995	F	107,328
Deep sea freight transportation	Establishments	57	54	44	43	45	48	41	43	40
	Employees	3,812	F	1,759	1,130	1,287	F	891	F	751
	Payroll	179,749	F	58,832	61,830	70,194	F	38,553	F	41,969
Deep sea passenger transportation	Establishments	2	1	2	1	5	5	3	4	3
	Employees	F	F	F	F	F	F	F	F	F
	Payroll	F	F	F	F	F	F	F	F	F
Marinas	Establishments	201	194	186	185	179	170	165	166	150
	Employees	1,158	1,198	1,221	1,107	1,255	1,410	F	F	F
	Payroll	27,150	26,044	26,051	29,083	28,471	31,197	F	F	F
Marine cargo handling	Establishments	63	60	51	54	56	59	60	60	64
	Employees	4,364	4,227	5,047	4,725	4,549	5,091	4,539	5,200	5,349
	Payroll	90,074	75,033	99,615	100,101	113,894	108,142	138,630	151,522	161,386
Navigational services to shipping	Establishments	109	103	99	96	95	92	92	87	84
	Employees	1,063	F	969	1,129	1,082	1,099	1,213	1,064	1,373
	Payroll	49,493	F	47,475	55,549	49,825	60,714	68,741	75,914	98,244
Port & harbor operations	Establishments	9	10	10	11	13	16	15	15	16
	Employees	F	F	141	F	F	F	215	F	112
	Payroll	F	F	6,875	F	F	F	7,128	F	4,992
Ship & boat building	Establishments	119	115	125	122	110	107	103	99	90
	Employees	4,934	3,686	3,402	3,599	3,360	4,062	4,204	3,564	3,515
	Payroll	136,772	110,317	117,071	135,405	137,129	156,565	163,800	156,259	170,308

F = Data is suppressed due to confidentiality restrictions. M = Data is not available.

¹Employee Compensation data was available from 2001-2005 only. Data from 2001 is reported here.

²The U.S. Commercial Fishing Location Quotient (CFLQ) of 1.0 represents the national baseline from which state CFLQs can be compared.