

# Gulf of Mexico Region

- Alabama
- West Florida
- Louisiana
- Mississippi
- Texas



Kayak fishing, Everglades National Park, Florida  
(photo credit: Sean Howard)

## MANAGEMENT CONTEXT

The Gulf of Mexico Region includes 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 coastal migratory pelagic resources and spiny lobster fisheries are managed in conjunction with the South Atlantic Fishery Management Council (SAFMC).

### Gulf of Mexico Region FMPs

1. Red drum
2. Shrimp
3. Reef fish
4. Coastal migratory pelagic resources (with SAFMC)
5. Spiny lobster (with SAFMC)
6. Corals
7. Aquaculture

Four stocks or stock complexes in the Gulf of Mexico Region were identified as overfished in 2013: gag, gray triggerfish, greater amberjack, and red snapper. Hogfish and the jack complex were listed as subject to overfishing in 2013; gag, gray triggerfish, and greater amberjack were removed from the overfishing list in 2013.

In 2010, the Deepwater Horizon MC252 oil spill severely affected Gulf fisheries. Large parts of the Gulf of Mexico, including state and federal waters, were closed to fishing during May through October 2010. Both Alabama and Mississippi reported less than half and Louisiana about three quarters of their annual shrimp landings compared to the average of the previous three years. Funded as part of the Resources and Ecosystems Sustainability, Tourist Opportunities, and Revived Economies (RESTORE) Act of 2012, NOAA’s RESTORE Act Science Program’s mission is to carry out research, observation, and monitoring to support the long-term sustainability of the ecosystem, fish stocks, fish habitat, and the recreational, commercial, and charter-fishing industry in the Gulf of Mexico.<sup>1</sup>

Amendments to the Reef Fish FMP currently being considered by the Council include Amendments 28, 39, and 40. Amendment 28 addresses the allocation of red snapper between the commercial and recreational

sectors. The purpose of this action is to reallocate the red snapper harvest consistent with the 2015 red snapper assessment update to ensure the allowable catch and recovery benefits are fairly and equitably allocated between the commercial and recreational sectors to achieve optimum yield. Amendment 39 examines dividing the federal recreational red snapper quota among states or regions. This division would potentially give states/regions more flexibility in choosing seasons and bag limits, but would not necessarily result in more fishing days. Under regional management, red snapper would remain a federally-managed species subject to federal conservation goals, and the Council would continue to oversee management of the stock. Amendment 40 addresses separating the private angling and federal for-hire components of the recreational red snapper fishery and allocating the recreational red snapper quota between these two components. This would be expected to provide a basis for flexible management approached tailored to each component and reduce the likelihood for recreational quota overruns.

There are two catch share programs in the Gulf of Mexico. These are the: 1) Red Snapper Individual Fishing Quota (IFQ) Program, and 2) Grouper-Tilefish IFQ Program. Below is a brief description of these catch share programs and their performance.

The Red Snapper IFQ Program was implemented in 2007 to reduce overcapacity and mitigate derby fishing conditions. Key performance indicators of this program show that relative to its Baseline period (3-year period prior to implementation), 2012 red snapper revenue and red snapper revenue per active vessel increased while red snapper quota, landings and active vessels decreased. The red snapper commercial quota has not been exceeded since 2007. In 2010, the commercial red snapper sector was less affected by the fishing closures due to the Deepwater Horizon oil spill because fishermen were able to transfer quota allocation to fishermen fishing in other areas of the Gulf of Mexico or used their quota allocation after fishing areas re-opened.

The Grouper-Tilefish IFQ Program was implemented in 2010 to reduce overcapacity and mitigate derby fishing conditions in the grouper-tilefish segment of the com-

<sup>1</sup> For more information on the NOAA RESTORE Act Science Program, see: <http://restoreactscienceprogram.noaa.gov/>



mercial reef fish fishery. The key performance indicators of this program show that for 2012, catch share species revenue, revenue per vessel, and landings increased while quota and active vessels decreased relative to the Baseline period. In addition, the commercial quota was not exceeded in any year since the program was implemented.

## COMMERCIAL FISHERIES

In 2013, commercial fishermen in the Gulf of Mexico Region landed 1.4 billion pounds of finfish and shellfish earning \$937 million for their harvest. Landings revenue was dominated by shrimp (\$504 million), which made up 54% of revenue and 15% of landings. Menhaden (\$95 million), oysters (\$77 million), and blue crab (\$61 million) also contributed a large portion of regional landings revenue.

Louisiana and Texas had the highest landings revenue in the region in 2013, \$400 million and \$268 million, respectively. In terms of pounds landed, Louisiana had the highest landings (just over 1 billion pounds) followed by Mississippi (181 million pounds).

### Key Gulf of Mexico Region Commercial Species

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

## Economic Impacts<sup>2,3</sup>

In 2013, the Gulf of Mexico Region's seafood industry generated \$15.3 billion in sales impacts in Florida (both east and west Florida combined), \$2.6 billion in Texas, \$2.1 billion in Louisiana, \$527 million in Alabama, and \$268 million in Mississippi. Florida generated the largest employment (78,000 jobs), income (\$2.8 billion), and value added (\$5.1 billion) impacts. The smallest impacts were generated in Mississippi with 6,400 jobs, \$107 million in income, and \$139 million in value added impacts.

The sector that generated the greatest employment impacts by state was the importers sector with 40,000 jobs in Florida. Florida importers also generated higher

sales impacts (\$11 billion) than any other sector in any another state in the region and also had the greatest value added impacts (\$3.4 billion).

## Landings Revenue

Landings revenue in the Gulf of Mexico Region totaled \$937 million in 2013. This was a 40% increase (3% in real terms) from 2004 levels and a 24% increase from 2012. Louisiana had the highest landing revenues (\$400 million) followed by Texas (\$268 million) and West Florida (\$179 million).

Shellfish landings revenue totaled \$732 million in 2013, an increase of 39% (5% in real terms) since 2004 and a 25% increase since 2012. Shellfish landings revenue was greatest in Louisiana (\$291 million), Texas (\$254 million), and West Florida (\$112 million). Finfish landings revenue totaled (\$205 million) and was highest in Louisiana (\$108 million) and West Florida (\$68 million).

Between 2004 and 2013, crawfish increased 245% (154% in real terms) primarily due to higher landings; menhaden increased 112% (56% in real terms) due to higher prices; and red snapper increased 76% (29% in real terms) due to a combination of higher prices and landings. Red snapper landings were at their highest level since 1984 largely due to the quota increasing 120% from 2009-2013. Tunas (-40% or -56% in real terms), groupers (-9% or -33% in real terms), and stone crabs (-7% or -32% in real terms) experienced notably large decreases over the same 10-year period.

## Landings

Fishermen in the Gulf of Mexico Region landed 1.4 billion pounds of finfish and shellfish in 2013. This was a 6% decrease from 2004 and an 8% increase from 2012. Finfish landings contributed 78% of total landings volume in the Gulf of Mexico Region (1.1 billion pounds) in 2013. From 2012 to 2013, finfish landings experienced an 11% increase in volume. Shellfish landings decreased 2% from 2012 levels. Menhaden and shrimp had the highest annual landings in the Gulf of Mexico Region in 2013, 1 billion pounds and 205 million pounds, respectively. Together they accounted for 88% of the total landings in 2013. Menhaden landings decreased by less than 1% while shrimp landings decreased 20% from 2004 to 2013.

<sup>2</sup> The NMFS Commercial Fishing Industry Input/Output Model was used to generate the impact estimates (see NMFS Commercial Fishing & Seafood Industry Input/Output Model, available at: [www.st.nmfs.noaa.gov/documents/commercial\\_seafood\\_impacts\\_2007-2009.pdf](http://www.st.nmfs.noaa.gov/documents/commercial_seafood_impacts_2007-2009.pdf)).

<sup>3</sup> Commercial economic impacts were not available separately for West Florida. Impacts for the entire state of Florida are reported here.

From 2004 to 2013 landings volume for crawfish (up 132%) and red snapper (up 13%) experienced notably large increases. Species or species groups with large decreases in landings value included tunas (-46%), groupers (-39%), and stone crab (-37%). Species or species groups with large changes in landings between 2012 and 2013 included crawfish (+195%), red snapper (+34%) mullets (+27%), tunas (-28%), and stone crabs (-28%).

**Commercial Fisheries Facts**

**Landings revenue**

- On average, between 2004 and 2013, the key species or species groups accounted for 90% of total revenue, generating \$643 million in the Gulf of Mexico Region.
- Shrimp had higher landings revenues than any other species or species group, averaging \$388 million in landings revenue from 2004 to 2013.

**Landings**

- Key species or species groups contributed an average of 96% annually to total landings between 2004 and 2013, or 1.3 billion pounds annually.
- Menhaden contributed the most to landings in the region, averaging 976 million pounds from 2004 to 2013.

**Prices**

- Stone crab had the highest average annual ex-vessel price from 2004 to 2013:\$4.52
- Menhaden had the lowest average annual ex-vessel price from 2004 to 2013:\$0.06

**Prices**

The ex-vessel prices for the Gulf of Mexico Region’s key species and species groups in 2013 were higher than their 10 year average for all ten of the key species (eight of the species in real terms). Ex-vessel prices for menhaden (125%, 80% in real terms), blue crab (89%, 39% in real terms), and shrimp (72%, 26% in real terms) increased the most between 2004 and 2013. Relative to ex-vessel prices in 2012, the Gulf of Mexico Region’s stone crab (42%), blue crab (35%), and shrimp (31%) had the greatest increase.

**RECREATIONAL FISHERIES**

In 2013, 3.4 million recreational anglers took over 25 million fishing trips in the Gulf of Mexico Region. Over 88% of these anglers were residents of a regional coastal county. Of the total fishing trips taken, 54% were taken from a private or rental boat and another 43% were shore-based. Spotted seatrout were the most frequently caught species or species group with 31 million fish caught in 2013.

**Key Gulf of Mexico Region Recreational Species**

- Atlantic croaker
- Gulf and southern kingfish
- Sand and silver seatrout
- Spotted seatrout
- Sheepshead porgy
- Red drum
- Red snapper
- Southern flounder
- Spanish mackerel
- Striped mullet

**Economic Impacts and Expenditures<sup>4</sup>**

The contribution of recreational fishing activities in the Gulf of Mexico Region are reported in terms of economic impacts at the state level (employment, sales, income, and value added impacts) and expenditures on fishing trips and durable equipment at the regional level. Employment impacts in West Florida were the highest in the region with over 76,000 full- and part-time jobs generated by recreational fishing activities in the state. Mississippi had the lowest level of employment impacts in the Gulf region with 1,600 jobs. Throughout the Gulf of Mexico Region, most of the employment impacts in 2013 were generated by expenditures on durable equipment: 85% region-wide.

In addition to employment impacts, the contribution of recreational fishing activities to the Gulf of Mexico Region’s economy can be measured in terms of sales impacts, income impacts, and the contribution of these activities to gross domestic product (value added impacts). In 2013, sales, income, and value added impacts were the highest in West Florida with \$9.1 billion in sales impacts, \$3.4 billion in income impacts, and \$5.3 billion in value added. These impacts were lowest in Mississippi.

Overall, total fishing trip and durable equipment expenditures across the Gulf of Mexico Region in 2013 were \$11.5 billion. Approximately 85% of these expenditures were related to durable equipment purchases. The

<sup>4</sup> Expenditure estimates were generated from the 2011 National Marine Recreational Fishing Expenditure Survey. Economic impacts from recreational fishing activities were generated using the NMFS Recreational Economic Impact Model (see The Economic Contribution of Marine Angler Expenditures in the United States, 2011, available at: <https://www.st.nmfs.noaa.gov/economics/publications/marine-angler-expenditures/marine-angler-2011>).

greatest expenditures were for boat expenses (\$5.2 billion), followed by fishing tackle (\$1.6 billion), and vehicle expenses (\$1.3 billion).

### Recreational Fishing Facts

#### Participation

- An average of 3.2 million anglers fished in the Gulf of Mexico Region annually from 2004 to 2013.
- Coastal county residents made up 91% of total anglers in this region from 2004 to 2013.

#### Fishing trips

- In the Gulf of Mexico Region, an average of 23.7 million fishing trips were taken annually from 2004 to 2013.
- Private or rental boat and shore-based fishing trips accounted for an annual average of 13.8 million and 9 million fishing trips, respectively, from 2004 to 2013.

#### Harvest and release

- Spotted seatrout was the most commonly caught key species or species group, averaging 31.3 million fish over the 10 year time period. Of these, about 61% were released rather than harvested.

Fishing trip-related expenditures by the Gulf of Mexico Region's non-residents totaled over \$663 million of which the greatest portion can be attributed to for-hire-based fishing trips (\$268 million). Residents of the Gulf of Mexico Region spent \$1.1 billion on saltwater fishing trips, with most of these expenses related to private boat trips (\$622 million).

### Participation

There were 3.4 million recreational anglers who fished in the Gulf of Mexico Region in 2013. This was a 4% decrease from 2004 and a 10% increase from 2012. About 88% of these anglers were Gulf of Mexico Region residents of a coastal county.

### Fishing Trips

Recreational fishermen took 25.2 million fishing trips in the Gulf of Mexico Region in 2013. This was a 5% decrease from 2004 and a 9% increase from 2012. Of the total trips taken in Gulf of Mexico Region in 2013, approximately 54% of the trips were private or rental boat based trips. The other most popular mode of fishing was shore based (43% of trips).

### Harvest and Release

Of the Gulf of Mexico Region's key species and species groups, spotted seatrout (31.5 million fish) and red drum (11.6 million fish) were the most often caught by anglers in 2013.

### MARINE ECONOMY<sup>5,6</sup>

Across all sectors of the economy in Alabama, Louisiana, Mississippi, Texas, and Florida over 20.4 million full- and part-time employees were employed by about 1.3 million establishments in 2012. Annual payroll totaled \$888 billion. Total employee compensation in the Gulf of Mexico region totaled \$1.4 trillion and the combined gross state product of all states totaled about \$2.8 trillion.<sup>7</sup>

The Commercial Fishing Location Quotient (CFLQ) provides a measure of the proportional size of this sector in a state's economy relative to the size of the commercial fishing sector in the national economy.<sup>8</sup> The CFLQ is calculated as the ratio of the percentage of regional employment in the commercial fishing sector relative to the percentage of national employment in the commercial fishing sector. The US CFLQ is 1; a state CFLQ less than (greater than) 1 implies that there is less (more) commercial fishing in this state than the national average.

In 2012, the commercial fishing location quotient (CFLQ) for Louisiana was the highest in the region at 1.51. Louisiana's CFLQ suggests that the level of employment in commercial fishing-related industries in this state is approximately 1.5 times the level of employment in these industries nationwide. The 2012 CFLQ in Texas was the lowest in the region at 0.2.

For this report, the marine economy, a subset of the regional economy, is comprised of two industry sectors: 1) seafood sales and processing, which includes both employer establishments and nonemployer firms (businesses that have no paid employees and are subject to federal income tax); and 2) transport, support, and marine operations (employer establishments only). These sectors are comprised of several different marine-related industries. The following sections discuss the contribution of these industries to the national marine economy in terms of the number of establish-

<sup>5</sup> Marine Economy information was not available for West Florida, information for the entire state of Florida is provided here.

<sup>6</sup> Unless otherwise stated, data is from the U.S. Census Bureau, <http://censtats.census.gov/> (accessed September 15, 2014).

<sup>7</sup> U.S. Bureau of Economic Analysis, "Table 1.1.5 Gross Domestic Product" and "Table SA6N Compensation of Employees by NAICS Industry," [http://www.bea.gov/iTable/index\\_nipa.cfm](http://www.bea.gov/iTable/index_nipa.cfm) (accessed September 15, 2014).

<sup>8</sup> U.S. Bureau of Labor Statistics, "Location Quotient Calculator," [http://data.bls.gov/location\\_quotient/](http://data.bls.gov/location_quotient/) (accessed September 15, 2014).

ments or firms, employees, and total annual payroll or receipts.

### Seafood Sales and Processing

In 2012, there were 582 nonemployer firms engaged in seafood product preparation and packaging across the Gulf of Mexico region. This was a 41% increase from 2004 levels. Florida (307) and Texas (123) had the largest number of firms. Nonemployer firms in the seafood product preparation and packaging sector had receipts totaling \$36 million in 2012. From 2004-2012, the number of employer establishments in this sector decreased 25% to 119. The largest number of employer establishments (35) engaged in seafood product preparation and packaging was located in Louisiana. The number of employees in the seafood product preparation and packaging sector decreased 33% from 2004 to 2012 to 7,119 employees. Payroll in this sector was \$205 million in 2012, a substantial (14%) decline from 2004.

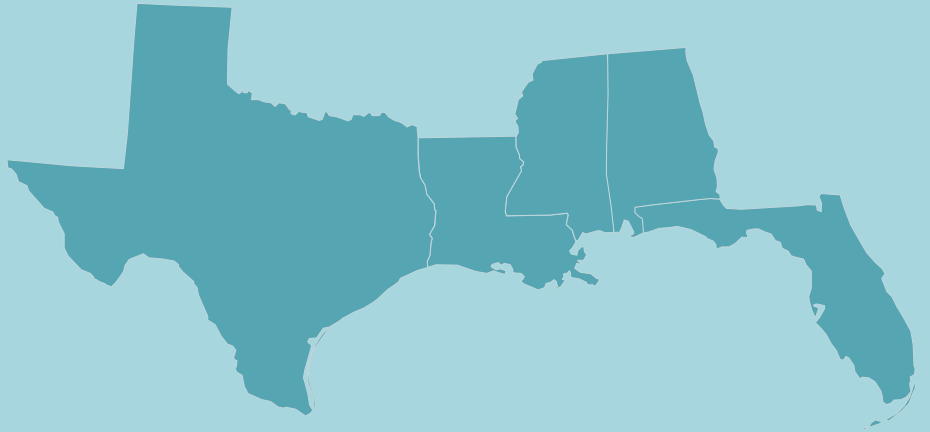
There were 433 seafood wholesale establishments in the Gulf of Mexico region in 2012, a decrease of 22% from 2004. Most of these establishments (226) were located in Florida. The number of employees in the seafood wholesale sector decreased 18% from 2004 to 2012 to 3,839. Payroll in this sector was \$134 million in 2012.

Nonemployer firms engaged in seafood retail sales in the Gulf of Mexico region totaled 879 in 2012, a 22% increase from 2004 levels. Florida (383), Texas (194), and Louisiana (184) had the largest number of firms in this sector. Region-wide, there were 353 employer establishments in the seafood retail sales sector in 2012.

### Transport, Support, and Marine Operations

The size of the Transport, Support, and Marine Operations sectors in the Gulf of Mexico is difficult to assess because much of the state-level data is suppressed for confidentiality purposes. It is clear, however, that these sectors play an important role in the regional economy. For example, the Ship and Boat Building Sector consisted of 501 establishments employing over 30,000 workers and contributing \$1.6 billion in payroll across five of the six states in the region.

# Tables | Gulf of Mexico Region



2013 Economic Impacts of the Gulf of Mexico Seafood Industry (thousands of dollars)

	Landings Revenue	With Imports				Without Imports			
		Jobs	Sales	Income	Value Added	Jobs	Sales	Income	Value Added
Alabama	55,434	12,090	526,767	200,494	265,580	11,498	456,899	183,219	239,188
Louisiana	399,516	39,743	2,074,255	742,761	1,023,033	37,724	1,765,470	678,404	916,004
Mississippi	34,696	6,432	268,367	107,340	138,779	6,413	265,670	106,770	137,842
Texas	267,532	31,553	2,555,824	754,450	1,123,529	25,443	1,491,869	540,667	758,855
Florida	179,483	78,378	15,319,435	2,878,309	5,136,623	11,044	938,589	249,268	381,866

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

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Total Revenue	669,002	625,038	691,220	690,211	663,848	636,427	624,629	811,905	753,978	936,660
Finfish & Other	143,479	122,642	135,982	145,584	146,341	142,028	117,363	184,536	167,286	204,967
Shellfish	525,523	502,396	555,238	544,626	517,507	494,400	507,265	627,368	586,692	731,693
<b>Key Species</b>										
Blue crab	42,292	37,961	43,355	46,028	39,813	45,484	41,264	48,794	48,852	61,264
Crawfish	4,810	8,360	1,290	9,034	9,507	15,547	13,971	9,914	8,163	16,593
Groupers	25,807	24,692	22,795	20,242	22,927	17,292	13,580	19,679	23,372	23,396
Menhaden	44,921	32,938	44,946	62,110	64,376	60,606	51,750	92,855	67,391	95,277
Mulletts	8,956	6,593	9,429	5,543	6,099	6,105	5,221	10,368	7,440	13,222
Oysters	60,845	56,510	62,316	69,542	60,464	73,464	55,085	65,273	73,787	76,729
Red snapper	11,676	11,336	13,167	9,570	7,972	7,984	10,202	11,413	13,489	20,493
Shrimp	366,426	360,513	397,706	367,060	366,808	327,608	339,228	441,384	409,270	503,842
Stone crab	26,704	21,223	24,115	26,242	19,040	17,910	23,384	24,521	24,038	24,763
Tunas	12,335	9,431	8,461	10,535	6,170	8,180	2,688	5,516	10,132	7,352

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

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Total Landings	1,475,139	1,198,203	1,362,326	1,404,307	1,278,879	1,435,665	1,072,068	1,792,550	1,293,195	1,392,364
Finfish & Other	1,110,240	887,920	974,969	1,071,322	994,374	1,071,708	810,649	1,472,798	987,374	1,092,148
Shellfish	364,899	310,283	387,357	332,985	284,505	363,957	261,419	319,752	305,821	300,216
<b>Key Species</b>										
Blue crab	60,581	50,041	67,481	57,964	49,258	61,277	41,240	55,606	50,079	46,543
Crawfish	8,537	15,177	1,469	15,848	15,735	19,312	14,557	9,599	6,712	19,823
Groupers	11,912	10,776	9,092	7,308	8,560	6,633	4,870	6,987	7,959	7,280
Menhaden	1,023,260	815,495	901,398	1,005,325	927,517	1,002,579	753,442	1,398,654	915,582	1,020,244
Mulletts	13,750	9,023	12,727	8,933	10,609	11,303	8,963	14,233	10,654	13,482
Oysters	25,052	20,174	19,674	22,518	20,723	22,829	15,824	18,742	20,637	19,230
Red snapper	4,677	4,109	4,637	2,998	2,370	2,503	3,259	3,567	3,957	5,286
Shrimp	255,782	216,291	288,973	225,163	188,806	250,572	178,902	221,469	218,094	204,527
Stone crab	5,971	4,534	4,806	5,893	6,169	5,407	5,112	5,482	5,226	3,778
Tunas	3,882	3,050	2,851	3,426	1,786	2,836	1,322	1,588	2,931	2,107

Average Annual Price of Key Species/Species Groups (dollars per pound)

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Blue crab	0.70	0.76	0.64	0.79	0.81	0.74	1.00	0.88	0.98	1.32
Crawfish	0.56	0.55	0.88	0.57	0.60	0.81	0.96	1.03	1.22	0.84
Groupers	2.17	2.29	2.51	2.77	2.68	2.61	2.79	2.82	2.94	3.21
Menhaden	0.04	0.04	0.05	0.06	0.07	0.06	0.07	0.07	0.07	0.09
Mulletts	0.65	0.73	0.74	0.62	0.57	0.54	0.58	0.73	0.70	0.98
Oysters	2.43	2.80	3.17	3.09	2.92	3.22	3.48	3.48	3.58	3.99
Red snapper	2.50	2.76	2.84	3.19	3.36	3.19	3.13	3.20	3.41	3.88
Shrimp	1.43	1.67	1.38	1.63	1.94	1.31	1.90	1.99	1.88	2.46
Stone crab	4.47	4.68	5.02	4.45	3.09	3.31	4.57	4.47	4.60	6.55
Tunas	3.18	3.09	2.97	3.07	3.45	2.88	2.03	3.47	3.46	3.49



**2013 Economic Impacts of the Gulf of Mexico Recreational Fishing Expenditures (thousands of dollars)**

	Trips	Jobs	Sales	Income	Value Added
Alabama	2,862	10,163	927,409	358,769	569,144
West Florida	15,949	76,236	9,086,311	3,423,836	5,341,420
Louisiana	4,661	18,991	2,162,502	801,436	1,249,075
Mississippi	1,761	1,583	146,333	53,602	87,684
Texas	NA <sup>1</sup>	14,436	1,697,497	644,516	1,030,326

**2013 Angler Trip & Durable Expenditures (thousands of dollars)**

Fishing Mode	Trip Expenditures		Equipment	Durable Goods Expenditures
	Non-residents	Residents	Fishing Tackle	
For-Hire	267,519	112,637	Other Equipment	637,813
Private Boat	162,857	621,777	Boat Expenses	5,238,903
Shore	233,315	334,131	Vehicle Expenses	1,337,544
Total	663,691	1,068,545	Second Home Expenses	981,974
			Total Durable Expenditures	9,775,248
Total State Trip and Durable Equipment Expenditures				11,507,484

**Recreational Anglers by Residential Area (thousands of anglers)<sup>1,2</sup>**

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Coastal	3,185	3,133	3,328	3,235	2,926	2,550	2,480	2,737	2,803	2,973
Non-Coastal	318	190	315	326	262	296	235	311	268	400
Out-of-State <sup>2</sup>	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Anglers	3,503	3,323	3,643	3,562	3,188	2,846	2,715	3,048	3,071	3,373

**Recreational Fishing Effort by Mode (thousands of angler-trips)**

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
For-Hire	831	691	836	852	819	822	580	735	884	907
Private	15,644	13,585	13,620	14,980	15,195	13,443	12,685	12,911	12,782	13,510
Shore	9,954	9,014	8,837	8,457	8,776	8,332	7,783	8,930	9,506	10,817
Total Trips	26,429	23,290	23,293	24,289	24,790	22,597	21,047	22,576	23,172	25,233

**Harvest (H) and Release (R) of Key Species Species Groups (thousands of fish)**

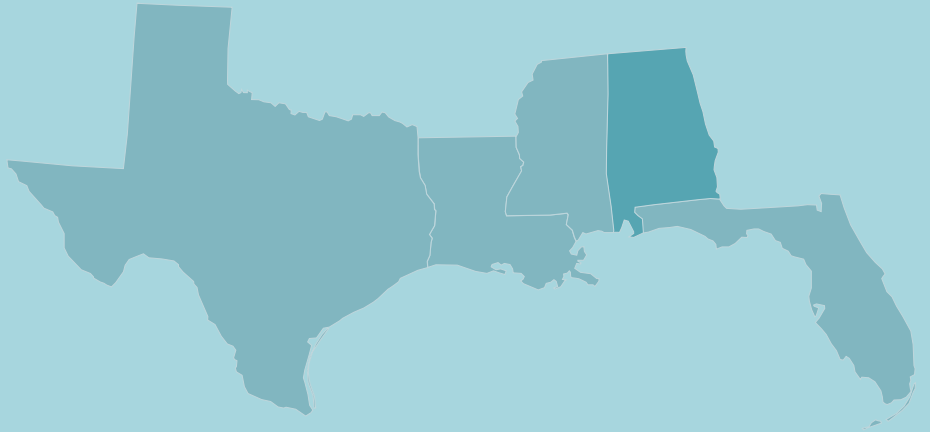
		2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Drum (Atlantic croaker)	H	975	772	1440	1313	1871	1173	1510	2052	1305	1731
	R	3639	2844	2314	2616	3149	3858	3827	5899	3922	3268
Drum (Gulf and southern kingfish)	H	1681	1426	1250	1137	1307	1066	1420	941	918	1623
	R	809	781	926	843	729	576	625	539	535	474
Drum (sand and silver seatrouts)	H	2265	2034	2110	3090	3404	4203	4573	5735	4878	2862
	R	1000	724	1538	1910	1989	2444	1807	2541	2474	1851
Drum (spotted seatrout)	H	11561	10027	13285	11187	14125	13336	10138	13582	12783	11965
	R	19764	20214	20055	18849	21017	17365	14564	19120	20217	19528
Porgies (sheepshead)	H	2497	2000	1107	1199	1567	1573	1146	2217	1453	1271
	R	2173	2394	1507	1223	1486	1338	1739	1634	1516	1672
Red drum	H	2940	2317	2363	2847	3294	2608	3252	3542	2689	3869
	R	5809	6233	6392	6222	7016	5525	6468	6448	6330	7699
Red snapper	H	1278	835	966	1225	679	797	335	521	592	1243
	R	2686	2194	2831	3259	2112	2145	1436	1521	1424	2824
Southern flounder	H	741	542	474	652	474	644	771	765	740	1011
	R	271	195	171	239	121	193	220	222	309	339
Spanish mackerel	H	2127	1192	1759	1330	1895	1504	1564	1534	1834	3352
	R	2317	1374	2855	2104	2040	1634	2477	1941	1441	4158
Striped mullet	H	1163	1081	1103	1150	1258	743	1666	1900	2356	2984
	R	167	165	141	158	146	226	127	313	204	194

<sup>1</sup> The Marine Recreational Program (MRIP) does not collect effort data for Texas.

<sup>2</sup> NA = data are not available because out-of-state resident information is collected for individual states but whether an angler is a resident of a region is not specified.



# Tables | Alabama



## 2013 Economic Impacts of the Alabama Seafood Industry (thousands of dollars)

	With Imports				Without Imports			
	Jobs	Sales	Income	Value Added	Jobs	Sales	Income	Value Added
Total Impacts	12,090	526,767	200,494	265,580	11,498	456,899	183,219	239,188
Commercial Harvesters	1,911	90,964	26,991	40,181	1,911	90,964	26,991	40,181
Seafood Processors & Dealers	2,258	141,126	55,280	70,248	1,867	116,535	45,647	58,007
Importers	159	43,833	7,025	13,362	0	0	0	0
Seafood Wholesalers & Distributors	182	8,490	2,976	3,834	176	8,201	2,875	3,703
Retail	7,579	242,354	108,222	137,955	7,543	241,199	107,705	137,296

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

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Total Revenue	37,036	39,726	48,558	48,845	44,503	39,624	26,335	50,910	46,495	55,434
Finfish & Other	3,905	3,982	4,572	3,686	4,358	3,662	2,748	4,072	5,183	4,680
Shellfish	33,131	35,744	43,986	45,160	40,145	35,962	23,587	46,838	41,312	50,754
<b>Key Species</b>										
Blue crab	1,774	663	1,319	1,711	1,533	961	732	1,128	1,044	1,036
Flounders	230	247	223	261	214	197	97	222	185	58
Menhaden	89	63	48	71	59	42	15	58	84	104
Mulletts	1,187	1,117	1,171	984	1,030	765	594	687	1,206	1,178
Oysters	2,120	3,020	3,639	2,698	243	77	390	1,322	1,253	786
Red snapper	382	638	536	213	239	263	329	314	316	401
Sharks	431	478	463	250	403	275	111	381	330	247
Shrimp	29,197	32,002	39,022	40,742	38,355	34,894	22,463	44,361	39,009	48,922
Spanish mackerel	554	401	573	453	664	301	499	582	1,149	940
Vermillion snapper	152	149	318	323	507	841	384	622	393	88

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

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Total Landings	26,559	23,985	34,033	29,434	24,612	29,199	14,063	26,119	26,322	23,065
Finfish & Other	6,248	5,552	6,498	4,857	5,577	4,478	3,441	4,966	6,596	5,831
Shellfish	20,311	18,432	27,535	24,578	19,035	24,721	10,622	21,153	19,726	17,234
<b>Key Species</b>										
Blue crab	3,329	1,024	2,384	2,557	1,799	1,458	927	1,617	1,325	1,025
Flounders	138	130	118	133	107	97	48	111	83	25
Menhaden	828	521	350	470	268	190	81	364	521	496
Mulletts	2,133	1,976	1,913	1,798	2,017	1,814	1,202	1,262	1,946	1,793
Oysters	908	1,041	940	769	71	23	68	296	265	133
Red snapper	138	214	177	59	61	65	83	78	78	108
Sharks	716	800	1,227	315	424	328	140	450	495	343
Shrimp	16,064	16,260	24,201	21,247	17,154	23,215	9,625	19,224	18,124	16,063
Spanish mackerel	914	568	873	580	921	418	733	839	1,377	972
Vermillion snapper	66	66	122	129	199	346	148	224	133	28

## Average Annual Price of Key Species/Species Groups (dollars per pound)

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Blue crab	0.53	0.65	0.55	0.67	0.85	0.66	0.79	0.70	0.79	1.01
Flounders	1.67	1.91	1.89	1.97	2.01	2.04	2.05	2.00	2.21	2.35
Menhaden	0.11	0.12	0.14	0.15	0.22	0.22	0.18	0.16	0.16	0.21
Mulletts	0.56	0.57	0.61	0.55	0.51	0.42	0.49	0.54	0.62	0.66
Oysters	2.33	2.90	3.87	3.51	3.41	3.33	5.75	4.47	4.72	5.90
Red snapper	2.78	2.98	3.03	3.62	3.93	4.04	3.97	4.04	4.05	3.70
Sharks	0.60	0.60	0.38	0.79	0.95	0.84	0.79	0.85	0.67	0.72
Shrimp	1.82	1.97	1.61	1.92	2.24	1.50	2.33	2.31	2.15	3.05
Spanish mackerel	0.61	0.71	0.66	0.78	0.72	0.72	0.68	0.69	0.83	0.97
Vermillion snapper	2.32	2.26	2.61	2.50	2.55	2.43	2.59	2.78	2.97	3.12



**2013 Economic Impacts of Recreational Fishing Expenditures (thousands of dollars)**

		Jobs	Sales	Income	Value Added
Trip Impacts by Fishing Mode	For-Hire	595	52,002	20,361	28,133
	Private Boat	583	51,088	17,809	29,462
	Shore	1,353	113,909	39,361	64,495
Total Durable Expenditures		7,632	710,410	281,238	447,054
Total State Economic Impacts		10,163	927,409	358,769	569,144

**2013 Angler Trip & Durable Expenditures (thousands of dollars)**

Fishing Mode	Trip Expenditures		Equipment	Durable Goods Expenditures
	Non-residents	Residents		
			Fishing Tackle	292,589
For-Hire	28,544	5,849	Other Equipment	78,174
Private Boat	15,005	35,879	Boat Expenses	195,623
Shore	53,578	41,267	Vehicle Expenses	246,439
Total	97,127	82,995	Second Home Expenses	0
			Total Durable Expenditures	812,826
Total State Trip and Durable Equipment Expenditures				992,948

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

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Coastal	223	231	233	253	192	205	195	295	254	279
Non-Coastal	159	93	184	169	116	151	140	177	131	224
Out-of-State	345	161	320	291	237	209	220	435	339	549
Total Anglers	728	485	736	712	545	566	554	907	723	1,052

**Recreational Fishing Effort by Mode (thousands of angler-trips)**

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
For-Hire	76	56	78	75	56	56	34	75	59	90
Private	994	828	811	985	946	885	840	1,206	1,035	1,006
Shore	1,181	721	1,050	901	702	772	812	1,202	1,211	1,767
Total Trips	2,251	1,604	1,938	1,961	1,704	1,713	1,686	2,483	2,305	2,862

**Harvest (H) and Release (R) of Key Species Species Groups (thousands of fish)**

		2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Bluefish	H	131	15	13	26	16	14	30	74	55	163
	R	216	77	150	175	54	46	80	166	197	639
Drum (Atlantic croaker)	H	178	233	452	463	1,163	250	918	886	345	391
	R	1,070	1,593	824	924	1,370	1,822	1,861	2,593	1,206	886
Drum (kingfishes) <sup>1</sup>	H	620	263	444	477	668	593	633	626	226	929
	R	410	266	460	291	257	284	310	342	97	260
Drum (sand seatrout)	H	503	349	593	704	1,216	1,428	2,069	2,346	1,415	485
	R	266	289	502	481	409	753	835	743	479	294
Drum (spotted seatrout)	H	210	295	327	358	269	318	610	825	773	539
	R	168	323	598	487	844	758	454	1,302	1,126	761
Porgies (sheepshead)	H	462	279	123	321	289	165	218	480	313	285
	R	172	86	80	30	158	48	51	146	48	46
Red drum	H	118	154	100	84	88	62	123	143	124	188
	R	263	184	144	136	227	111	152	150	306	425
Red snapper	H	304	232	181	217	107	138	42	217	152	451
	R	589	494	639	852	340	394	287	488	193	857
Southern flounder	H	137	151	123	96	93	139	243	163	155	84
	R	73	83	65	38	37	22	65	60	53	43
Spanish mackerel	H	468	45	58	91	111	76	254	335	515	1,313
	R	277	52	49	21	32	59	102	128	148	1,130

<sup>1</sup> Kingfishes include southern kingfish and Gulf kingfish.

## Alabama's State Economy (% of national total)

	Establishments	Employees	Annual Payroll (\$ billions)	Employee Compensation (\$ billions)	Gross State Product (\$ billions)	Commercial Fishing Location Quotient <sup>1</sup>
2004	100,802 (1.4%)	1,629,141 (1.4%)	49.77 (1.2%)	81.91 (1.2%)	148.40 (1.2%)	0.31
2012	97,938 (1.3%)	1,585,761 (1.4%)	61.28 (1.1%)	101.24 (1.2%)	189.54 (1.2%)	0.63
% change	-2.9	-2.7	18.8	19.1	21.7	50.8

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

		2004	2005	2006	2007	2008	2009	2010	2011	2012
Seafood product prep. & packaging	Firms	43	40	34	47	33	41	68	67	47
	Receipts	3,413	3,414	1,558	1,547	1,894	1,809	3,314	4,354	1,965
Seafood sales, retail	Firms	61	44	57	61	57	67	71	58	68
	Receipts	3,645	3,855	4,802	4,279	5,632	5,484	5,197	4,759	7,073

Seafood Sales & Processing - Employer Establishments (thousands of dollars)<sup>2</sup>

		2004	2005	2006	2007	2008	2009	2010	2011	2012
Seafood product prep. & packaging	Establishments	23	26	24	23	23	22	21	16	17
	Employees	2,037	1,925	1,629	1,510	1,450	1,086	1,128	882	778
	Payroll	36,130	38,229	34,703	32,774	29,277	24,900	22,824	21,922	19,730
Seafood sales, wholesale	Establishments	31	26	26	31	29	28	23	25	16
	Employees	588	607	395	395	494	339	332	321	306
	Payroll	6,752	6,345	6,195	6,202	8,751	5,893	5,119	6,547	6,221
Seafood sales, retail	Establishments	35	34	28	33	33	31	34	32	32
	Employees	96	95	ds	ds	ds	130	132	120	189
	Payroll	1,401	1,399	ds	1,809	1,710	2,044	2,016	1,888	2,990

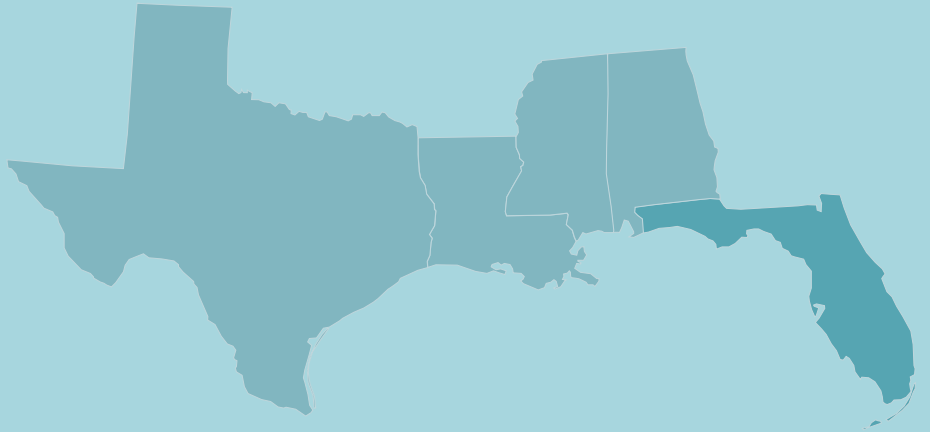
Transport, Support, & Marine Operations - Employer Establishments (thousands of dollars)<sup>2</sup>

		2004	2005	2006	2007	2008	2009	2010	2011	2012
Coastal & Great Lakes freight transportation	Establishments	10	10	6	8	4	4	5	5	4
	Employees	ds	ds	15	48	ds	ds	ds	215	ds
	Payroll	ds	ds	754	3,266	ds	ds	ds	13,117	ds
Deep sea freight transportation	Establishments	3	3	3	5	7	7	5	6	5
	Employees	ds	ds	ds	46	ds	ds	ds	ds	ds
	Payroll	ds	ds	ds	3,553	ds	ds	ds	ds	ds
Deep sea passenger transportation	Establishments	1	1	1	1	2	3	2	2	1
	Employees	ds	ds	ds	ds	ds	ds	ds	ds	ds
	Payroll	ds	ds	ds	ds	ds	ds	ds	ds	ds
Marinas	Establishments	52	58	52	52	56	55	54	53	57
	Employees	341	347	312	364	316	278	609	ds	329
	Payroll	7,631	8,047	8,388	9,382	9,170	8,418	12,149	12,196	10,253
Marine cargo handling	Establishments	18	17	14	19	20	19	19	19	10
	Employees	577	672	ds	491	756	658	548	536	ds
	Payroll	26,201	28,458	ds	21,076	33,244	27,272	32,143	34,998	ds
Navigational services to shipping	Establishments	16	17	18	16	17	16	16	16	14
	Employees	ds	ds	ds	338	287	294	276	283	241
	Payroll	ds	ds	ds	17,554	16,712	15,383	14,737	14,981	8,808
Port & harbor operations	Establishments	1	3	3	2	4	5	5	3	6
	Employees	ds	ds	ds	ds	ds	ds	ds	ds	101
	Payroll	ds	ds	ds	ds	ds	ds	ds	ds	5,788
Ship & boat building	Establishments	42	45	47	42	42	40	32	35	37
	Employees	2,195	2,591	3,027	3,570	4,435	3,913	2,598	3,176	4,936
	Payroll	83,756	86,453	121,185	172,380	188,543	159,065	151,813	166,116	251,063

<sup>1</sup> The US Commercial Fishing Location Quotient (CFLQ) is 1. A CFLQ less than (greater than) 1 implies that there is less (more) commercial fishing in this state than the national average.

<sup>2</sup> ds = these data are suppressed.

# Tables | West Florida



**2013 Economic Impacts of the Florida<sup>1</sup> Seafood Industry (thousands of dollars)**

	With Imports				Without Imports			
	Jobs	Sales	Income	Value Added	Jobs	Sales	Income	Value Added
Total Impacts	78,378	15,319,435	2,878,309	5,136,623	11,044	938,589	249,268	381,866
Commercial Harvesters	7,199	453,074	144,057	190,994	7,199	453,074	144,057	190,994
Seafood Processors & Dealers	4,525	725,679	140,440	276,093	574	97,932	18,953	37,259
Importers	40,111	11,033,696	1,768,360	3,363,554	0	0	0	0
Seafood Wholesalers & Distributors	9,869	1,115,332	437,875	544,775	482	54,490	21,392	26,615
Retail	16,674	1,991,654	387,576	761,207	2,788	333,094	64,866	126,997

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

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Total Revenue	148,058	137,912	145,494	132,162	123,850	117,324	139,046	166,015	143,038	179,483
Finfish & Other	52,331	50,600	50,358	45,890	50,926	49,582	40,865	59,410	60,406	67,612
Shellfish	95,727	87,312	95,136	86,272	72,924	67,743	98,181	106,605	82,632	111,872
<b>Key Species</b>										
Blue crab	7,316	7,035	7,043	5,769	3,289	4,195	6,706	7,719	5,142	6,454
Gag	7,615	7,084	4,151	4,348	4,913	2,759	2,079	1,439	2,437	2,799
Lobsters	20,724	15,077	24,885	24,546	19,175	12,206	32,752	35,616	21,136	46,749
Mulletts	4,891	4,355	6,021	3,663	4,172	5,069	4,188	8,630	5,050	11,081
Oyster	2,884	2,854	5,415	6,631	5,519	6,968	6,298	8,582	9,706	5,783
Quahog clam	2,074	1,736	807	914	1,825	1,524	1,002	921	753	921
Red grouper	13,281	13,376	14,384	11,024	13,591	10,488	8,992	15,087	16,737	16,219
Red snapper	2,168	1,671	1,991	3,066	2,951	2,980	4,552	5,417	6,141	8,073
Shrimp	34,737	38,625	32,225	20,976	23,265	24,446	27,554	28,456	21,313	26,475
Stone crab	26,507	21,074	24,029	26,213	19,019	17,806	23,335	24,430	23,934	24,710

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

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Total Landings	83,894	73,038	70,766	59,784	60,380	66,387	63,678	78,459	63,288	62,357
Finfish & Other	41,134	36,543	35,887	30,645	35,302	38,792	32,023	42,288	37,993	37,759
Shellfish	42,760	36,496	34,879	29,139	25,078	27,595	31,656	36,171	25,295	24,598
<b>Key Species</b>										
Blue crab	8,083	7,370	8,610	6,110	2,660	3,371	5,759	6,833	4,157	4,463
Gag	3,054	2,688	1,436	1,339	1,478	825	572	369	612	676
Lobsters	4,565	3,059	4,372	3,405	2,981	3,961	5,287	5,303	3,635	5,601
Mulletts	6,660	5,635	7,308	5,619	6,980	9,167	7,262	11,410	7,249	10,879
Oyster	1,644	1,417	2,394	2,959	2,526	2,877	2,165	3,100	3,316	1,298
Quahog clam	266	212	96	116	279	255	156	137	128	183
Red grouper	6,789	6,386	6,062	4,352	5,628	4,387	3,488	5,635	6,141	5,412
Red snapper	811	584	649	919	849	863	1,317	1,538	1,698	2,181
Shrimp	18,258	19,297	14,176	8,628	9,942	11,451	12,892	11,975	7,598	8,803
Stone crab	5,933	4,502	4,784	5,884	6,163	5,382	5,100	5,460	5,202	3,767

**Average Annual Price of Key Species/Species Groups (dollars per pound)**

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Blue crab	0.91	0.95	0.82	0.94	1.24	1.24	1.16	1.13	1.24	1.45
Gag	2.49	2.64	2.89	3.25	3.32	3.34	3.63	3.90	3.98	4.14
Lobsters	4.54	4.93	5.69	7.21	6.43	3.08	6.19	6.72	5.81	8.35
Mulletts	0.73	0.77	0.82	0.65	0.60	0.55	0.58	0.76	0.70	1.02
Oyster	1.75	2.02	2.26	2.24	2.19	2.42	2.91	2.77	2.93	4.46
Quahog clam	7.79	8.17	8.44	7.90	6.53	5.97	6.43	6.74	5.86	5.03
Red grouper	1.96	2.09	2.37	2.53	2.41	2.39	2.58	2.68	2.73	3.00
Red snapper	2.67	2.86	3.07	3.34	3.47	3.45	3.46	3.52	3.62	3.70
Shrimp	1.90	2.00	2.27	2.43	2.34	2.13	2.14	2.38	2.80	3.01
Stone crab	4.47	4.68	5.02	4.45	3.09	3.31	4.58	4.47	4.60	6.56

<sup>1</sup> Information reported in this table is for the state of Florida, not West Florida.



**2013 Economic Impacts of Recreational Fishing Expenditures (thousands of dollars)**

		Jobs	Sales	Income	Value Added
Trip Impacts by Fishing Mode	For-Hire	4,222	451,459	191,040	274,542
	Private Boat	3,906	409,055	156,645	258,908
	Shore	2,988	294,721	111,769	184,015
Total Durable Expenditures		65,120	7,931,076	2,964,382	4,623,955
Total State Economic Impacts		76,236	9,086,311	3,423,836	5,341,420

**2013 Angler Trip & Durable Expenditures (thousands of dollars)**

Fishing Mode	Trip Expenditures		Equipment	Durable Goods Expenditures
	Non-residents	Residents	Fishing Tackle	
For-Hire	207,324	40,458	Other Equipment	824,925
Private Boat	116,477	225,542	Boat Expenses	364,881
Shore	150,940	61,548	Vehicle Expenses	3,494,671
Total	474,741	327,549	Second Home Expenses	533,998
			Total Durable Expenditures	794,471
				6,012,946
Total State Trip and Durable Equipment Expenditures				6,815,236

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

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Coastal	2,023	2,088	2,084	1,934	1,820	1,551	1,538	1,592	1,718	1,813
Non-Coastal <sup>1</sup>	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Out-of-State	2,141	2,008	1,988	2,151	2,029	1,671	1,470	1,624	2,141	2,538
Total Anglers	4,165	4,096	4,072	4,085	3,849	3,222	3,008	3,216	3,859	4,351

**Recreational Fishing Effort by Mode (thousands of angler-trips)**

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
For-Hire	599	505	565	612	571	573	461	536	699	684
Private	10,172	9,491	9,382	10,005	10,145	8,623	8,160	7,520	7,865	8,328
Shore	7,025	6,699	6,721	6,319	6,782	6,482	5,645	5,845	6,216	6,937
Total Trips	17,796	16,695	16,667	16,936	17,497	15,677	14,266	13,901	14,780	15,949

**Harvest (H) and Release (R) of Key Species Species Groups (thousands of fish)**

		2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Common snook	H	70	62	25	35	25	14	(1)	1	(1)	33
	R	2,197	2,281	1,391	1,591	1,596	1,925	600	747	1,040	1,547
Drum (sand and silver seatrouts)	H	434	487	434	1,119	746	892	409	865	1,415	705
	R	193	64	409	599	583	459	211	295	742	240
Drum (spotted seatrout)	H	2,066	1,980	1,616	1,514	1,543	1,370	1,115	1,475	1,626	1,406
	R	9,894	11,749	9,456	10,059	9,584	7,672	8,470	11,382	10,921	7,760
Gag	H	690	491	356	286	434	203	232	98	132	213
	R	3,865	2,314	1,875	2,676	4,076	2,724	2,017	1,158	980	1,170
Gray snapper	H	1,145	932	663	1,046	1,394	1,176	560	419	949	1,482
	R	3,637	4,700	2,848	4,289	5,690	3,014	1,858	2,239	3,125	5,136
King mackerel	H	197	178	343	271	184	453	172	128	180	205
	R	107	133	392	84	155	138	81	46	62	88
Mullet <sup>2</sup>	H	1,078	988	1,297	613	1,237	656	967	855	1,550	1,640
	R	282	208	100	183	143	191	73	106	88	224
Porgies (sheepshead)	H	708	1,050	623	591	556	682	455	608	628	524
	R	1,400	1,856	942	894	855	808	1,245	1,276	1,177	1,084
Red drum	H	321	501	377	412	457	225	240	286	414	364
	R	2,101	3,254	2,828	2,558	2,562	1,440	1,992	2,894	2,300	2,196
Spanish mackerel	H	1,628	1,100	1,672	1,205	1,753	1,392	1,284	1,154	1,215	1,970
	R	2,012	1,279	2,767	2,064	1,988	1,545	2,360	1,780	1,219	3,017

<sup>1</sup> Data is not available because all West Florida residents are considered coastal county residents.

<sup>2</sup> Mulletts include species within the mullet genus including striped mullets.

West Florida's State Economy (% of national total)<sup>1</sup>

	Establishments	Employees	Annual Payroll (\$ billions)	Employee Compensation (\$ billions)	Gross State Product (\$ billions)	Commercial Fishing Location Quotient <sup>2</sup>
2004	484,938 (6.6%)	6,864,987 (6%)	219.79 (5.2%)	351.86 (5.2%)	635.77 (5.2%)	1.03
2012	502,414 (6.8%)	6,932,382 (6%)	280.30 (5.2%)	424.11 (4.9%)	769.01 (4.8%)	1.05
% change	3.5	1	21.6	17	17.3	1.9

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

		2004	2005	2006	2007	2008	2009	2010	2011	2012
Seafood product prep. & packaging	Firms	177	164	174	173	202	217	280	294	307
	Receipts	8,652	8,756	10,184	10,497	11,065	12,473	14,635	14,618	17,557
Seafood sales, retail	Firms	247	247	251	319	331	316	361	362	383
	Receipts	18,004	22,787	20,708	27,557	26,087	25,667	27,964	29,037	30,765

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

		2004	2005	2006	2007	2008	2009	2010	2011	2012
Seafood product prep. & packaging	Establishments	24	25	22	20	23	25	27	24	27
	Employees	2,193	1,616	1,704	1,748	1,637	1,143	1,269	1,095	1,608
	Payroll	65,881	47,529	62,801	58,233	53,455	46,235	45,772	42,612	51,735
Seafood sales, wholesale	Establishments	261	258	259	267	229	215	229	250	226
	Employees	1,948	1,883	2,091	2,308	1,913	1,762	1,747	1,913	1,957
	Payroll	63,276	65,339	73,897	85,019	75,203	72,159	70,889	77,115	75,945
Seafood sales, retail	Establishments	190	176	173	169	168	158	145	145	151
	Employees	977	970	936	989	991	885	865	849	945
	Payroll	17,575	19,192	19,513	20,595	21,604	21,182	20,783	20,158	21,577

Transport, Support, & Marine Operations - Employer Establishments (thousands of dollars)<sup>3</sup>

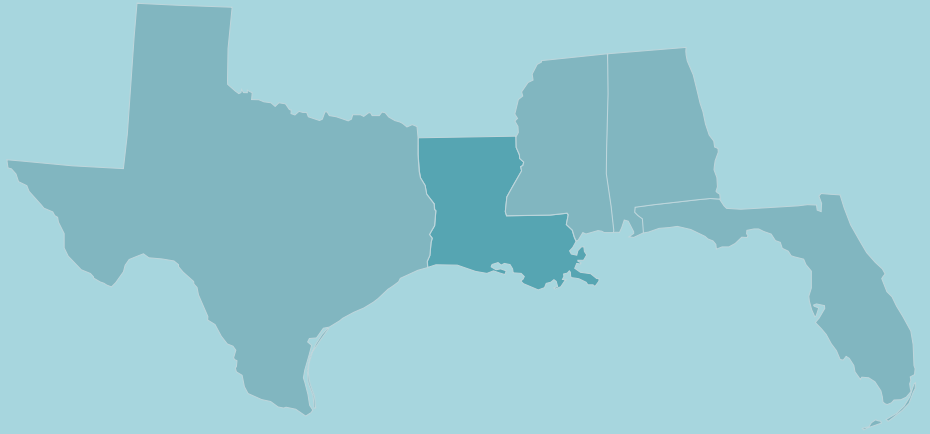
		2004	2005	2006	2007	2008	2009	2010	2011	2012
Coastal & Great Lakes freight transportation	Establishments	59	59	54	47	42	42	50	54	60
	Employees	1,132	1,150	1,217	1,242	1,106	972	709	753	1,381
	Payroll	80,422	71,420	91,638	94,429	50,115	37,774	50,217	53,341	100,402
Deep sea freight transportation	Establishments	63	69	73	69	57	58	61	65	75
	Employees	2,567	2,622	3,729	3,190	2,486	2,801	2,279	2,374	3,345
	Payroll	150,701	207,300	226,810	208,144	169,055	180,139	159,025	177,386	231,887
Deep sea passenger transportation	Establishments	32	31	37	34	31	33	29	29	39
	Employees	8,849	8,492	9,077	ds	ds	ds	ds	ds	ds
	Payroll	536,753	504,625	571,590	ds	ds	ds	ds	ds	ds
Marinas	Establishments	532	551	513	493	442	428	430	411	432
	Employees	5,067	5,069	5,494	4,935	5,024	4,665	4,439	4,657	4,918
	Payroll	125,763	133,384	146,390	148,592	151,677	132,955	133,017	142,997	148,573
Marine cargo handling	Establishments	66	63	66	53	56	59	55	64	43
	Employees	5,671	6,409	7,266	6,585	8,052	7,288	7,547	7,484	4,598
	Payroll	175,257	177,983	189,020	173,788	192,473	185,309	191,560	195,458	86,461
Navigational services to shipping	Establishments	149	148	142	145	147	145	145	150	151
	Employees	686	660	781	1,484	894	829	980	1,047	853
	Payroll	39,309	42,200	48,370	61,470	56,917	60,641	76,853	75,561	68,366
Port & harbor operations	Establishments	29	31	27	29	40	32	34	32	66
	Employees	1,045	973	584	459	712	527	470	377	2,082
	Payroll	24,327	22,606	19,417	12,872	24,668	19,006	20,525	16,879	72,554
Ship & boat building	Establishments	306	312	301	296	297	261	248	246	258
	Employees	12,503	12,729	12,385	12,332	12,419	8,221	7,363	7,909	8,621
	Payroll	443,379	454,209	427,888	469,382	442,096	296,537	302,909	325,942	374,831

<sup>1</sup> All data presented on this page are for the state of Florida, not West Florida.

<sup>2</sup> The US Commercial Fishing Location Quotient (CFLQ) is 1. A CFLQ less than (greater than) 1 implies that there is less (more) commercial fishing in this state than the national average.

<sup>3</sup> ds = these data are suppressed.

# Tables | Louisiana



## 2013 Economic Impacts of the Louisiana Seafood Industry (thousands of dollars)

	With Imports				Without Imports			
	Jobs	Sales	Income	Value Added	Jobs	Sales	Income	Value Added
Total Impacts	39,743	2,074,255	742,761	1,023,033	37,724	1,765,470	678,404	916,004
Commercial Harvesters	15,021	745,964	246,290	365,485	15,021	745,964	246,290	365,485
Seafood Processors & Dealers	2,432	202,551	78,565	100,213	2,287	190,362	73,837	94,183
Importers	903	248,264	39,789	75,682	0	0	0	0
Seafood Wholesalers & Distributors	1,183	127,313	43,372	56,142	1,019	109,654	37,356	48,355
Retail	20,205	750,162	334,744	425,511	19,398	719,490	320,920	407,982

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

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Total Revenue	274,082	251,678	278,292	289,288	275,701	286,993	233,559	324,123	301,844	399,516
Finfish & Other	66,074	49,443	60,735	65,198	64,116	62,629	56,900	102,083	68,296	108,377
Shellfish	208,008	202,235	217,557	224,090	211,585	224,364	176,658	222,040	233,549	291,139
<b>Key Species</b>										
Blue crab	29,881	27,419	32,605	35,044	32,203	37,301	30,325	36,784	39,064	51,028
Crawfish	4,810	8,360	1,290	9,034	9,507	15,547	13,971	9,914	8,163	16,593
King mackerel	1,198	1,273	1,112	1,298	1,307	1,184	1,149	1,594	1,475	1,517
Menhaden	35,249	25,776	36,441	41,368	45,768	42,555	43,331	82,881	44,875	84,897
Mulletts	2,681	946	2,061	690	749	73	185	775	859	626
Oysters	34,814	33,305	35,999	40,148	39,009	50,950	24,986	41,652	39,931	45,151
Red snapper	3,861	3,568	4,472	2,529	2,038	2,185	2,311	2,261	2,358	4,696
Shrimp	138,466	133,143	147,652	139,842	130,854	120,555	107,362	133,670	146,361	178,345
Tunas	10,739	7,687	7,040	8,334	4,409	6,338	1,649	3,369	7,367	4,639
Vermillion snapper	1,663	1,137	762	991	819	806	399	517	619	473

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

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Total Landings	1,095,571	849,280	918,675	999,343	919,017	1,007,474	793,377	1,311,040	849,407	1,041,190
Finfish & Other	895,336	681,322	714,545	814,645	759,438	806,844	665,665	1,153,912	689,178	872,686
Shellfish	200,235	167,959	204,130	184,698	159,579	200,631	127,712	157,128	160,229	168,504
<b>Key Species</b>										
Blue crab	44,397	38,100	53,394	45,107	41,714	53,057	30,752	43,893	40,961	38,794
Crawfish	8,537	15,177	1,469	15,848	15,735	19,312	14,557	9,599	6,712	19,823
King mackerel	984	867	971	879	789	927	691	1,002	969	731
Menhaden	862,947	657,702	689,853	789,621	738,092	785,575	648,561	1,131,287	666,055	849,036
Mulletts	4,754	1,238	3,361	1,375	1,503	189	362	1,385	1,268	609
Oysters	13,902	12,099	11,417	12,858	12,840	15,006	6,874	11,156	10,813	11,337
Red snapper	1,560	1,316	1,653	807	589	667	828	918	943	1,196
Shrimp	133,370	102,576	137,839	110,860	89,285	113,250	75,515	92,469	101,715	98,533
Tunas	3,230	2,296	2,143	2,476	1,248	2,009	490	932	2,013	1,254
Vermillion snapper	921	588	365	517	409	412	186	234	272	173

## Average Annual Price of Key Species/Species Groups (dollars per pound)

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Blue crab	0.67	0.72	0.61	0.78	0.77	0.70	0.99	0.84	0.95	1.32
Crawfish	0.56	0.55	0.88	0.57	0.60	0.81	0.96	1.03	1.22	0.84
King mackerel	1.22	1.47	1.15	1.48	1.66	1.28	1.66	1.59	1.52	2.07
Menhaden	0.04	0.04	0.05	0.05	0.06	0.05	0.07	0.07	0.07	0.10
Mulletts	0.56	0.76	0.61	0.50	0.50	0.39	0.51	0.56	0.68	1.03
Oysters	2.50	2.75	3.15	3.12	3.04	3.40	3.63	3.73	3.69	3.98
Red snapper	2.47	2.71	2.71	3.13	3.46	3.28	2.79	2.46	2.50	3.93
Shrimp	1.04	1.30	1.07	1.26	1.47	1.06	1.42	1.45	1.44	1.81
Tunas	3.33	3.35	3.29	3.37	3.53	3.16	3.37	3.62	3.66	3.70
Vermillion snapper	1.81	1.93	2.09	1.92	2.00	1.95	2.15	2.21	2.28	2.73



**2013 Economic Impacts of Recreational Fishing Expenditures (thousands of dollars)**

		Jobs	Sales	Income	Value Added
Trip Impacts by Fishing Mode	For-Hire	593	65,729	30,483	40,047
	Private Boat	1,867	226,834	70,671	130,678
	Shore	622	72,560	22,261	40,853
Total Durable Expenditures		15,909	1,797,379	678,021	1,037,497
Total State Economic Impacts		18,991	2,162,502	801,436	1,249,075

**2013 Angler Trip & Durable Expenditures (thousands of dollars)**

Fishing Mode	Trip Expenditures		Equipment	Durable Goods Expenditures
	Non-residents	Residents		
			Fishing Tackle	271,998
For-Hire	26,644	11,460	Other Equipment	96,785
Private Boat	20,916	159,828	Boat Expenses	1,068,955
Shore	10,828	49,338	Vehicle Expenses	241,871
Total	58,388	220,626	Second Home Expenses	99,974
			Total Durable Expenditures	1,779,583
Total State Trip and Durable Equipment Expenditures				2,058,597

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

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Coastal	747	706	868	853	795	669	609	690	651	709
Non-Coastal	133	68	108	124	120	108	67	86	77	109
Out-of-State	179	138	198	157	170	139	120	183	165	262
Total Anglers	1,059	911	1,174	1,134	1,084	916	796	959	893	1,080

**Recreational Fishing Effort by Mode (thousands of angler-trips)**

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
For-Hire	143	123	187	144	179	183	79	113	115	122
Private	3,821	2,784	2,801	3,156	3,508	3,176	3,055	3,342	2,891	3,190
Shore	1,239	1,159	775	889	933	769	729	1,122	1,131	1,349
Total Trips	5,204	4,065	3,763	4,188	4,620	4,128	3,862	4,576	4,137	4,661

**Harvest (H) and Release (R) of Key Species Species Groups (thousands of fish)<sup>1</sup>**

		2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Black drum	H	504	309	369	386	543	519	399	468	424	455
	R	1,026	651	717	729	1,116	974	1,033	1,085	882	1,639
Drum (Atlantic croaker)	H	476	443	805	684	357	470	229	606	520	829
	R	1,995	963	1,143	1,006	1,187	1,100	1,268	2,319	1,676	1,797
Drum (sand seatrout)	H	905	974	775	889	1,085	879	1,065	1,188	895	755
	R	453	254	453	540	824	854	514	1,032	679	990
Drum (spotted seatrout)	H	8,524	7,435	10,872	8,930	11,705	10,558	7,857	10,441	9,608	9,004
	R	8,657	7,304	9,026	7,394	9,580	7,975	5,054	5,802	6,776	9,709
Drum (southern kingfish)	H	200	240	89	67	74	103	41	17	110	15
	R	85	187	151	28	119	59	47	25	40	65
Porgies (sheepshead)	H	1,289	644	325	270	705	704	430	869	397	368
	R	567	429	463	288	448	473	440	188	237	477
Red drum	H	2,418	1,626	1,828	2,308	2,673	2,237	2,812	3,023	2,010	3,169
	R	3,293	2,652	3,321	3,455	4,074	3,734	4,111	3,195	2,871	4,675
Red snapper	H	88	111	172	160	85	98	7	31	102	83
	R	274	339	429	285	261	195	7	109	131	223
Southern flounder	H	471	280	290	349	235	286	327	399	331	685
	R	129	76	54	67	37	50	72	61	97	134
Yellowfin tuna	H	8	10	14	8	17	3	1	13	25	11
	R	(1)	1	1	1	7	(1)	(1)	4	3	2

<sup>1</sup> In this table, '(1)' = 0-999 thousand fish and '1' = 1,000-1,499 thousand fish.

## Louisiana's State Economy (% of national total)

	Establishments	Employees	Annual Payroll (\$ billions)	Employee Compensation (\$ billions)	Gross State Product (\$ billions)	Commercial Fishing Location Quotient <sup>1</sup>
2004	103,067 (1.4%)	1,623,680 (1.4%)	49.05 (1.2%)	81.54 (1.2%)	172.82 (1.4%)	2.13
2012	104,059 (1.4%)	1,644,282 (1.4%)	68.86 (1.3%)	110.65 (1.3%)	251.37 (1.6%)	1.51
% change	1	1.3	28.8	26.3	31.2	-41.1

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

		2004	2005	2006	2007	2008	2009	2010	2011	2012
Seafood product prep. & packaging	Firms	75	76	99	85	77	68	120	94	78
	Receipts	10,097	8,513	8,179	6,523	7,365	5,308	10,358	9,308	8,492
Seafood sales, retail	Firms	204	156	181	196	182	173	197	192	184
	Receipts	18,148	14,585	20,046	20,932	25,900	17,622	16,001	18,758	16,804

## Seafood Sales &amp; Processing - Employer Establishments (thousands of dollars)

		2004	2005	2006	2007	2008	2009	2010	2011	2012
Seafood product prep. & packaging	Establishments	54	50	40	41	36	38	34	33	35
	Employees	1,519	1,556	1,506	1,253	991	1,301	1,209	1,006	1,117
	Payroll	47,016	43,801	45,439	41,391	32,382	37,657	35,770	46,440	51,237
Seafood sales, wholesale	Establishments	133	128	112	119	98	98	97	94	103
	Employees	975	1,037	807	954	739	702	683	767	862
	Payroll	19,639	17,649	21,243	21,604	15,858	17,261	15,554	18,427	22,296
Seafood sales, retail	Establishments	111	106	101	101	107	106	101	100	97
	Employees	745	723	759	781	681	703	527	590	704
	Payroll	9,567	8,277	10,560	11,827	11,141	11,564	11,214	11,090	13,042

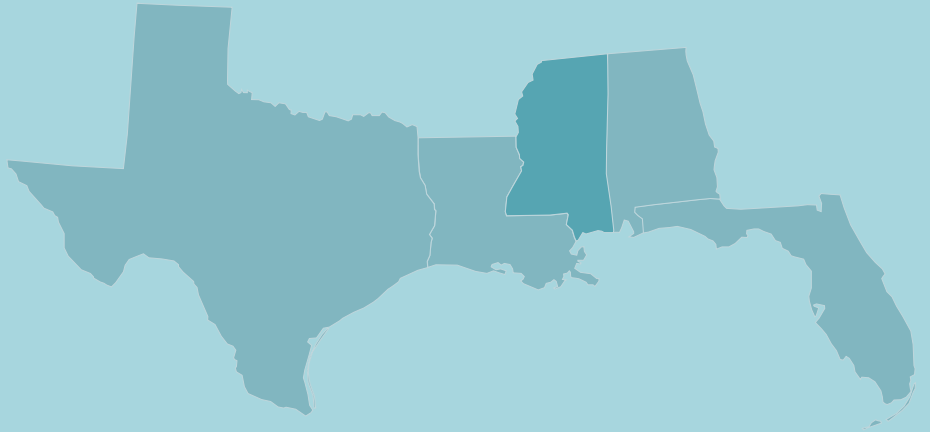
Transport, Support, & Marine Operations - Employer Establishments (thousands of dollars)<sup>2</sup>

		2004	2005	2006	2007	2008	2009	2010	2011	2012
Coastal & Great Lakes freight transportation	Establishments	148	136	137	138	123	117	125	125	105
	Employees	6,656	5,771	6,397	7,680	6,506	6,077	5,610	5,834	6,422
	Payroll	300,547	294,941	386,136	527,290	549,388	391,914	405,796	417,362	497,165
Deep sea freight transportation	Establishments	22	25	24	22	18	21	16	17	18
	Employees	705	ds	595	685	1,095	1,192	93	93	ds
	Payroll	38,949	ds	35,269	39,843	87,479	91,760	6,147	5,608	ds
Deep sea passenger transportation	Establishments	3	3	2	3	2	2	1	3	2
	Employees	ds	ds	ds	ds	ds	ds	ds	ds	ds
	Payroll	ds	ds	ds	ds	ds	ds	ds	ds	ds
Marinas	Establishments	52	53	41	50	43	43	43	45	44
	Employees	ds	352	ds	378	274	244	314	329	257
	Payroll	ds	10,213	ds	17,794	9,581	8,989	14,716	10,771	9,209
Marine cargo handling	Establishments	47	46	51	49	39	44	41	42	37
	Employees	3,278	3,263	3,100	2,978	2,010	2,193	2,511	2,526	2,016
	Payroll	127,896	110,129	118,748	128,207	85,484	92,883	105,063	108,491	93,896
Navigational services to shipping	Establishments	127	120	129	128	145	137	138	138	136
	Employees	2,472	2,136	2,204	2,508	2,884	2,893	3,176	3,396	2,545
	Payroll	109,008	96,202	115,222	141,757	183,381	175,271	224,533	208,306	162,094
Port & harbor operations	Establishments	18	18	18	14	22	17	21	20	46
	Employees	ds	418	436	467	517	440	431	461	1,205
	Payroll	ds	19,510	29,676	31,734	37,181	33,907	38,776	38,745	80,780
Ship & boat building	Establishments	113	111	108	112	117	109	109	109	116
	Employees	13,206	11,016	11,521	12,808	12,815	12,521	11,737	11,722	10,933
	Payroll	460,606	376,407	437,028	503,199	619,606	613,188	600,259	639,047	631,098

<sup>1</sup> The US Commercial Fishing Location Quotient (CFLQ) is 1. A CFLQ less than (greater than) 1 implies that there is less (more) commercial fishing in this state than the national average.

<sup>2</sup> ds = these data are suppressed.

# Tables | Mississippi



**2013 Economic Impacts of the Mississippi Seafood Industry (thousands of dollars)**

	With Imports				Without Imports			
	Jobs	Sales	Income	Value Added	Jobs	Sales	Income	Value Added
Total Impacts	6,432	268,367	107,340	138,779	6,413	265,670	106,770	137,842
Commercial Harvesters	1,134	56,498	16,938	24,952	1,134	56,498	16,938	24,952
Seafood Processors & Dealers	961	71,085	28,123	35,239	958	70,892	28,046	35,143
Importers	8	2,137	342	651	0	0	0	0
Seafood Wholesalers & Distributors	75	6,811	2,403	3,028	73	6,662	2,351	2,962
Retail	4,256	131,837	59,533	74,910	4,249	131,618	59,435	74,785

**Total Landings Revenue and Landings Revenue of Key Species/Species Groups (thousands of dollars)<sup>1</sup>**

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Total Revenue	43,618	23,386	21,586	39,340	43,696	37,956	21,895	30,291	49,282	34,696
Finfish & Other	10,485	7,804	8,959	21,359	19,233	18,667	8,963	10,527	23,172	10,938
Shellfish	33,133	15,582	12,628	17,981	24,464	19,289	12,932	19,764	26,110	23,758
<b>Key Species</b>										
Blue crab	658	433	928	741	447	573	366	318	724	416
Flounders	32	20	36	58	40	58	64	118	101	45
Menhaden	9,564	7,074	8,447	20,658	18,534	17,987	8,378	9,871	22,394	10,230
Mulletts	54	38	23	35	32	30	31	56	63	61
Oysters	6,073	1,447	NA	819	6,858	6,094	4,268	928	1,596	1,544
Red snapper	71	115	NA	NA	NA	158	NA	168	226	NA
Shrimp	26,353	13,698	11,699	16,418	17,146	12,612	8,293	18,514	23,790	21,798

**Total Landings and Landings of Key Species/Species Groups (thousands of pounds)<sup>1</sup>**

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Total Landings	183,558	167,610	221,720	227,834	201,822	230,255	111,229	278,075	263,615	180,522
Finfish & Other	161,669	158,721	212,213	216,375	190,191	217,461	105,274	267,407	249,382	171,000
Shellfish	21,889	8,889	9,507	11,459	11,631	12,794	5,955	10,668	14,234	9,521
<b>Key Species</b>										
Blue crab	811	429	1,127	737	450	545	366	370	782	359
Flounders	18	10	16	25	17	25	28	55	43	19
Menhaden	159,392	157,194	211,163	215,182	189,118	216,709	104,729	266,774	248,824	170,500
Mulletts	128	99	66	70	57	62	59	93	99	95
Oysters	3,029	610	NA	299	2,606	2,189	1,453	247	425	336
Red snapper	35	54	NA	NA	NA	57	NA	86	115	NA
Shrimp	17,992	7,848	8,380	10,421	8,570	10,054	4,135	10,048	13,026	8,825

**Average Annual Price of Key Species/Species Groups (dollars per pound)<sup>1</sup>**

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Blue crab	0.81	1.01	0.82	1.01	0.99	1.05	1.00	0.86	0.93	1.16
Flounders	1.73	1.88	2.22	2.38	2.36	2.34	2.33	2.14	2.33	2.38
Menhaden	0.06	0.05	0.04	0.10	0.10	0.08	0.08	0.04	0.09	0.06
Mulletts	0.42	0.38	0.35	0.50	0.57	0.48	0.52	0.61	0.64	0.64
Oysters	2.00	2.37	NA	2.74	2.63	2.78	2.94	3.75	3.75	4.59
Red snapper	2.05	2.13	NA	NA	NA	2.75	NA	1.96	1.97	NA
Shrimp	1.46	1.75	1.40	1.58	2.00	1.25	2.01	1.84	1.83	2.47

<sup>1</sup> NA = these data are confidential thus not disclosable.

**2013 Economic Impacts of Recreational Fishing Expenditures (thousands of dollars)**

		Jobs	Sales	Income	Value Added
Trip Impacts by Fishing Mode	For-Hire	63	4,995	1,730	2,440
	Private Boat	323	32,260	10,543	18,028
	Shore	124	11,010	3,700	6,133
Total Durable Expenditures		1,073	98,068	37,629	61,083
Total State Economic Impacts		1,583	146,333	53,602	87,684

**2013 Angler Trip & Durable Expenditures (thousands of dollars)**

Fishing Mode	Trip Expenditures		Equipment	Durable Goods Expenditures
	Non-residents	Residents		
			Fishing Tackle	34,267
For-Hire	1,409	1,637	Other Equipment	12,266
Private Boat	3,415	31,727	Boat Expenses	48,781
Shore	1,955	9,155	Vehicle Expenses	33,537
Total	6,779	42,518	Second Home Expenses	17
			Total Durable Expenditures	128,867
Total State Trip and Durable Equipment Expenditures				178,164

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

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Coastal	191	108	143	196	119	125	137	160	179	171
Non-Coastal	26	29	23	34	26	36	29	48	60	67
Out-of-State	46	39	27	55	48	50	50	60	91	101
Total Anglers	262	176	193	284	194	212	216	268	331	339

**Recreational Fishing Effort by Mode (thousands of angler-trips)**

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
For-Hire	12	8	7	21	13	11	7	11	11	11
Private	657	483	626	834	596	759	629	843	991	986
Shore	510	435	291	349	359	310	597	761	948	764
Total Trips	1,179	926	924	1,204	969	1,079	1,233	1,615	1,950	1,761

**Harvest (H) and Release (R) of Key Species Species Groups (thousands of fish)<sup>1</sup>**

		2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Drum (Atlantic croaker)	H	134	41	59	72	182	340	209	453	317	330
	R	370	208	190	264	388	716	422	606	695	329
Drum (kingfishes) <sup>2</sup>	H	354	225	163	161	181	126	173	177	234	519
	R	111	62	30	48	58	61	47	36	157	94
Drum (sand and silver seatrouts)	H	423	222	305	296	351	1,004	986	1,336	1,151	917
	R	88	117	173	230	166	378	246	471	574	327
Drum (spotted seatrout)	H	761	317	470	385	608	1,090	556	841	776	1,016
	R	1,045	838	975	909	1,009	960	586	634	1,394	1,298
Porgies (sheepshead)	H	38	27	36	17	17	22	43	260	115	94
	R	34	23	22	11	25	9	3	24	54	65
Red drum	H	83	36	58	43	76	84	77	90	141	148
	R	152	143	99	73	153	240	213	209	853	403
Red snapper	H	13	1	7	2	9	15	1	7	27	35
	R	61	51	52	9	104	55	25	(1)	2	95
Sharks <sup>3</sup>	H	8	9	4	4	3	21	71	35	15	89
	R	39	36	38	41	11	36	87	37	103	75
Southern flounder	H	103	72	47	121	110	209	196	182	227	215
	R	55	30	35	31	45	120	79	99	153	160
Striped mullet	H	192	34	2	66	79	119	188	491	396	647
	R	2	(1)	3	14	4	4	13	83	108	19

<sup>1</sup> In this table, '(1)' = 0-999 thousand fish and '1' = 1,000-1,499 thousand fish.<sup>2</sup> Kingfishes include southern kingfish and Gulf kingfish.<sup>3</sup> Sharks include species within the requiem shark family, blacktip sharks, Atlantic sharpnose sharks, and unidentified sharks.

## Mississippi's State Economy (% of national total)

	Establishments	Employees	Annual Payroll (\$ billions)	Employee Compensation (\$ billions)	Gross State Product (\$ billions)	Commercial Fishing Location Quotient <sup>1</sup>
2004	60,534 (0.8%)	928,313 (0.8%)	24.82 (0.6%)	44.02 (0.7%)	78.33 (0.6%)	1.72
2012	58,644 (0.8%)	895,804 (0.8%)	30.90 (0.6%)	55.05 (0.6%)	101.55 (0.6%)	1
% change	-3.2	-3.6	19.7	20	22.9	-72

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

		2004	2005	2006	2007	2008	2009	2010	2011	2012
Seafood product prep. & packaging	Firms	18	12	22	ds	17	16	30	25	27
	Receipts	1,056	1,045	1,537	ds	1,055	753	1,937	2,108	930
Seafood sales, retail	Firms	47	41	53	57	48	56	69	51	50
	Receipts	3,595	2,934	4,021	4,126	3,437	4,206	3,421	3,505	3,957

## Seafood Sales &amp; Processing - Employer Establishments (thousands of dollars)

		2004	2005	2006	2007	2008	2009	2010	2011	2012
Seafood product prep. & packaging	Establishments	33	28	24	22	20	20	20	18	18
	Employees	3,728	3,637	3,353	3,022	3,062	2,796	2,849	2,464	2,368
	Payroll	66,047	63,957	60,510	60,633	61,723	61,926	61,731	52,502	55,407
Seafood sales, wholesale	Establishments	29	30	23	25	18	16	18	18	17
	Employees	166	145	58	106	61	113	ds	64	102
	Payroll	3,631	1,822	2,063	3,285	3,088	2,836	2,542	2,532	4,412
Seafood sales, retail	Establishments	17	21	12	15	18	14	15	17	13
	Employees	55	57	41	ds	50	46	50	58	ds
	Payroll	532	521	395	ds	699	841	810	838	1,902

Transport, Support, & Marine Operations - Employer Establishments (thousands of dollars)<sup>2,3</sup>

		2004	2005	2006	2007	2008	2009	2010	2011	2012
Coastal & Great Lakes freight transportation	Establishments	6	5	5	4	5	5	4	4	4
	Employees	ds	ds	ds	ds	119	114	ds	127	ds
	Payroll	ds	ds	ds	7,585	8,351	7,730	8,058	7,233	ds
Deep sea freight transportation	Establishments	2	3	3	1	0	1	1	1	2
	Employees	ds	ds	ds	ds	NA	ds	ds	ds	ds
	Payroll	ds	ds	ds	ds	NA	ds	ds	ds	ds
Deep sea passenger transportation	Establishments	1	1	1	1	0	0	0	0	0
	Employees	ds	ds	ds	ds	NA	NA	NA	NA	NA
	Payroll	ds	ds	ds	ds	NA	NA	NA	NA	NA
Marinas	Establishments	22	25	16	19	17	13	18	19	16
	Employees	220	158	ds	ds	111	172	183	189	204
	Payroll	2,603	2,358	ds	2,145	2,794	3,479	4,163	5,137	5,361
Marine cargo handling	Establishments	5	6	5	5	7	8	7	7	2
	Employees	ds	ds	238	ds	ds	ds	ds	ds	ds
	Payroll	ds	ds	8,621	ds	ds	ds	ds	ds	ds
Navigational services to shipping	Establishments	9	8	8	9	8	7	8	6	7
	Employees	ds	ds	ds	ds	ds	ds	141	ds	ds
	Payroll	ds	ds	ds	1,754	ds	ds	6,982	ds	ds
Port & harbor operations	Establishments	2	2	1	1	1	1	1	1	3
	Employees	ds	ds	ds	ds	ds	ds	ds	ds	ds
	Payroll	ds	ds	ds	ds	ds	ds	ds	ds	ds
Ship & boat building	Establishments	19	17	20	23	24	20	20	20	18
	Employees	ds	11,845	11,909	14,578	ds	ds	ds	ds	ds
	Payroll	ds	471,243	498,660	615,837	ds	ds	ds	ds	ds

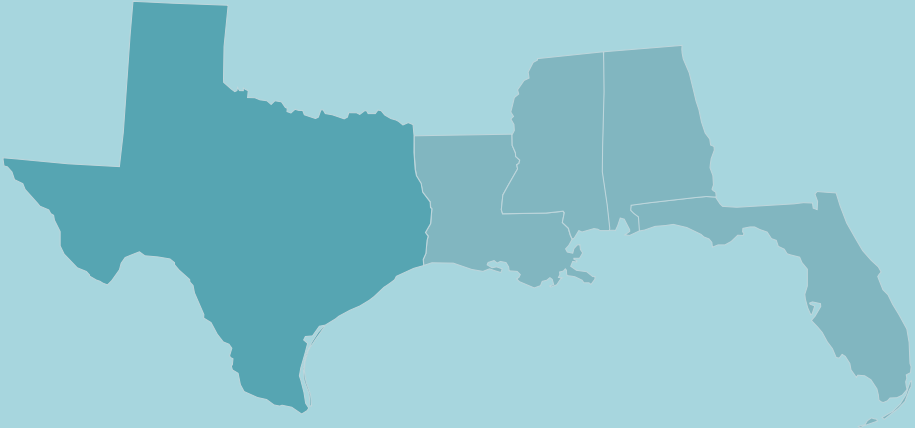
<sup>1</sup> The US Commercial Fishing Location Quotient (CFLQ) is 1. A CFLQ less than (greater than) 1 implies that there is less (more) commercial fishing in this state than the national average.

<sup>2</sup> ds = these data are suppressed.

<sup>3</sup> NA = not applicable.



# Tables | Texas



**2013 Economic Impacts of the Texas Seafood Industry (thousands of dollars)**

	With Imports				Without Imports			
	Jobs	Sales	Income	Value Added	Jobs	Sales	Income	Value Added
Total Impacts	31,553	2,555,824	754,450	1,123,529	25,443	1,491,869	540,667	758,855
Commercial Harvesters	6,683	562,931	162,577	260,743	6,683	562,931	162,577	260,743
Seafood Processors & Dealers	2,262	183,772	69,133	91,051	2,107	171,122	64,375	84,784
Importers	3,170	872,133	139,776	265,864	0	0	0	0
Seafood Wholesalers & Distributors	1,409	184,641	61,607	85,314	759	99,470	33,189	45,961
Retail	18,028	752,347	321,356	420,556	15,893	658,346	280,527	367,367

**Total Landings Revenue and Landings Revenue of Key Species/Species Groups (thousands of dollars)<sup>1</sup>**

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Total Revenue	166,208	172,337	197,291	180,575	176,098	154,530	203,795	240,566	213,319	267,532
Finfish & Other	10,684	10,813	11,359	9,452	7,709	7,488	7,888	8,445	10,231	13,361
Shellfish	155,524	161,523	185,932	171,123	168,389	147,043	195,907	232,121	203,089	254,171
<b>Key Species</b>										
Atlantic croaker	382	415	500	450	446	484	531	622	743	819
Black drum	1,444	1,917	2,013	1,660	1,363	1,377	1,573	1,448	1,491	1,699
Blue crab	2,663	2,410	1,459	2,763	2,342	2,454	3,134	2,845	2,878	2,331
Flounders	325	276	164	62	144	91	62	205	175	73
Groupers	785	795	628	417	553	641	356	549	723	1,121
Oysters	14,954	15,883	17,263	19,246	8,835	9,376	19,144	12,789	21,302	23,465
Red snapper	5,193	5,345	6,168	3,762	2,744	2,398	3,009	3,254	4,448	7,324
Shrimp	137,674	143,045	167,108	149,084	157,187	135,100	173,556	216,382	178,798	228,302
Tunas	0	340	0	NA	94	139	4	2	5	7
Vermilion snapper	611	571	642	1,554	1,430	1,233	1,337	1,274	1,434	659

**Total Landings and Landings of Key Species/Species Groups (thousands of pounds)<sup>1</sup>**

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Total Landings	85,557	84,289	117,131	87,912	73,048	102,351	89,721	98,857	90,562	85,230
Finfish & Other	5,852	5,782	5,825	4,800	3,866	4,134	4,247	4,224	4,225	4,872
Shellfish	79,705	78,507	111,306	83,111	69,182	98,216	85,475	94,633	86,337	80,358
<b>Key Species</b>										
Atlantic croaker	60	58	67	62	59	63	67	79	89	96
Black drum	1,717	2,077	2,212	1,687	1,468	1,610	1,729	1,795	1,623	1,689
Blue crab	3,961	3,119	1,966	3,454	2,635	2,844	3,436	2,893	2,853	1,902
Flounders	151	144	68	24	58	32	26	75	60	20
Groupers	329	303	220	141	170	208	144	190	211	292
Oysters	5,569	5,007	4,923	5,633	2,679	2,733	5,265	3,943	5,817	6,126
Red snapper	2,133	1,940	2,158	1,213	870	851	1,031	948	1,123	1,800
Shrimp	70,098	70,310	104,378	74,007	63,855	92,602	76,734	87,753	77,632	72,303
Tunas	0	112	0	NA	22	45	1	1	3	3
Vermilion snapper	322	279	273	672	592	561	539	465	511	234

**Average Annual Price of Key Species/Species Groups (dollars per pound)**

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Atlantic croaker	6.35	7.14	7.43	7.29	7.58	7.64	7.98	7.84	8.31	8.55
Black drum	0.84	0.92	0.91	0.98	0.93	0.86	0.91	0.81	0.92	1.01
Blue crab	0.67	0.77	0.74	0.80	0.89	0.86	0.91	0.98	1.01	1.23
Flounders	2.15	1.92	2.42	2.55	2.48	2.84	2.37	2.75	2.94	3.55
Groupers	2.39	2.62	2.85	2.96	3.25	3.07	2.47	2.88	3.42	3.84
Oysters	2.69	3.17	3.51	3.42	3.30	3.43	3.64	3.24	3.66	3.83
Red snapper	2.43	2.76	2.86	3.10	3.15	2.82	2.92	3.43	3.96	4.07
Shrimp	1.96	2.03	1.60	2.01	2.46	1.46	2.26	2.47	2.30	3.16
Tunas	0.80	3.04	0.69	NA	4.26	3.08	3.19	1.82	1.83	2.10
Vermilion snapper	1.90	2.05	2.35	2.31	2.42	2.20	2.48	2.74	2.81	2.81

<sup>1</sup> NA = these data are confidential thus not disclosable.

**2013 Economic Impacts of Recreational Fishing Expenditures (thousands of dollars)**

		Jobs	Sales	Income	Value Added
Trip Impacts by Fishing Mode	For-Hire	985	103,546	40,180	59,559
	Private Boat	2,297	269,219	92,670	157,557
	Shore	2,638	293,075	100,461	170,897
Total Durable Expenditures		8,516	1,031,657	411,205	642,313
Total State Economic Impacts		14,436	1,697,497	644,516	1,030,326

**2013 Angler Trip & Durable Expenditures (thousands of dollars)<sup>1</sup>**

Fishing Mode	Trip Expenditures		Equipment	Durable Goods Expenditures
	Non-residents	Residents		
For-Hire	3,598	53,233	Fishing Tackle	155,233
Private Boat	7,044	168,801	Other Equipment	85,707
Shore	16,014	172,823	Boat Expenses	430,873
Total	26,656	394,857	Vehicle Expenses	281,699
			Second Home Expenses	87,512
			Total Durable Expenditures	1,041,026
Total State Trip and Durable Equipment Expenditures				1,462,539

**Harvest (H) of Key Species Species Groups (thousands of fish)<sup>2</sup>**

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Atlantic croaker	109,241	94,656	100,502	95,243	64,190	117,446	124,785	156,573	156,535	152,314
Black drum	67,998	53,008	72,906	65,797	82,198	98,174	164,525	128,763	256,737	150,042
King mackerel	14,942	14,307	28,521	10,802	8,261	15,919	6,413	9,424	9,087	10,066
Red drum	273,305	230,520	318,412	289,080	266,008	284,796	264,310	347,452	323,344	268,833
Red snapper	40,336	49,112	69,487	44,635	40,502	31,143	33,312	36,261	34,183	47,655
Sand seatrout	175,650	124,600	129,394	95,325	151,706	111,420	126,786	226,599	177,027	150,578
Sheepshead	66,952	80,741	78,284	45,996	46,291	34,125	49,371	56,880	143,129	84,190
Southern flounder	100,477	80,532	64,322	49,117	64,412	47,420	30,234	92,111	95,563	91,515
Spotted seatrout	934,008	854,730	987,323	915,770	917,408	810,213	731,795	1,137,321	809,993	795,871

<sup>1</sup> The 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 2012 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.

<sup>2</sup> Data collected by the TPWG 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 for more information: [www.tpwd.state.tx.us/fishboat/](http://www.tpwd.state.tx.us/fishboat/).

**Texas's State Economy (% of national total)**

	Establishments	Employees	Annual Payroll (\$ billions)	Employee Compensation (\$ billions)	Gross State Product (\$ billions)	Commercial Fishing Location Quotient <sup>1</sup>
2004	491,092 (6.6%)	8,118,483 (7.1%)	293.57 (6.9%)	460.82 (6.8%)	920.39 (7.5%)	0.37
2012	537,839 (7.2%)	9,350,829 (8.1%)	446.68 (8.3%)	684.41 (8%)	1,463.02 (9.1%)	0.2
% change	8.7	13.2	34.3	32.7	37.1	-85

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

		2004	2005	2006	2007	2008	2009	2010	2011	2012
Seafood product prep. & packaging	Firms	100	108	109	94	85	82	99	119	123
	Receipts	1,989	2,228	2,974	5,386	3,466	3,858	3,224	5,734	6,675
Seafood sales, retail	Firms	159	159	141	182	188	196	184	171	194
	Receipts	19,131	19,534	18,355	17,442	18,204	13,177	12,124	13,433	14,891

**Seafood Sales & Processing - Employer Establishments (thousands of dollars)<sup>2</sup>**

		2004	2005	2006	2007	2008	2009	2010	2011	2012
Seafood product prep. & packaging	Establishments	24	23	21	26	27	24	22	24	22
	Employees	1,177	1,288	1,155	1,207	1,169	1,026	1,184	1,273	1,248
	Payroll	24,394	23,842	24,302	27,813	27,045	29,006	24,961	26,425	27,737
Seafood sales, wholesale	Establishments	103	97	92	104	69	75	77	82	71
	Employees	1,009	1,001	897	970	734	683	715	723	603
	Payroll	27,730	26,408	28,586	51,597	24,498	23,650	23,879	26,356	25,309
Seafood sales, retail	Establishments	60	59	58	62	60	51	52	50	60
	Employees	219	176	207	189	206	189	199	ds	ds
	Payroll	2,993	3,162	3,229	3,703	3,403	3,393	3,742	4,090	6,102

**Transport, Support, & Marine Operations - Employer Establishments (thousands of dollars)<sup>2,3</sup>**

		2004	2005	2006	2007	2008	2009	2010	2011	2012
Coastal & Great Lakes freight transportation	Establishments	43	61	45	43	42	43	48	48	39
	Employees	2,565	ds	2,270	2,513	2,815	2,729	1,909	1,764	1,814
	Payroll	91,995	ds	107,328	131,946	251,997	200,219	161,080	177,549	174,686
Deep sea freight transportation	Establishments	41	43	40	41	35	36	30	39	40
	Employees	891	ds	751	920	514	802	764	860	742
	Payroll	38,553	ds	41,969	49,761	40,764	61,309	63,408	71,515	65,818
Deep sea passenger transportation	Establishments	3	4	3	4	3	2	1	1	0
	Employees	ds	ds	ds	ds	ds	ds	ds	ds	NA
	Payroll	ds	ds	ds	ds	ds	ds	ds	ds	NA
Marinas	Establishments	165	166	150	141	143	131	148	144	132
	Employees	ds	ds	ds	1,200	1,486	1,423	1,198	1,233	1,169
	Payroll	ds	ds	ds	28,359	34,039	33,803	33,968	34,928	34,711
Marine cargo handling	Establishments	60	60	64	62	55	57	54	55	42
	Employees	4,539	5,200	5,349	6,237	6,313	6,276	5,262	5,259	4,373
	Payroll	138,630	151,522	161,386	186,416	196,006	167,562	166,877	153,360	130,817
Navigational services to shipping	Establishments	92	87	84	90	99	95	87	91	91
	Employees	1,213	1,064	1,373	1,709	1,884	1,849	1,606	1,448	1,676
	Payroll	68,741	75,914	98,244	125,061	137,962	137,289	132,283	113,444	124,500
Port & harbor operations	Establishments	15	15	16	15	24	30	29	26	37
	Employees	215	ds	112	98	ds	421	ds	439	1,381
	Payroll	7,128	ds	4,992	5,163	10,538	13,778	18,627	18,842	55,470
Ship & boat building	Establishments	103	99	90	96	102	99	97	91	89
	Employees	4,204	3,564	3,515	4,810	5,368	3,891	3,386	2,773	5,601
	Payroll	163,800	156,259	170,308	210,275	235,190	158,261	147,492	153,077	310,230

<sup>1</sup> The US Commercial Fishing Location Quotient (CFLQ) is 1. A CFLQ less than (greater than) 1 implies that there is less (more) commercial fishing in this state than the national average.

<sup>2</sup> ds = these data are suppressed.

<sup>3</sup> NA = not applicable.