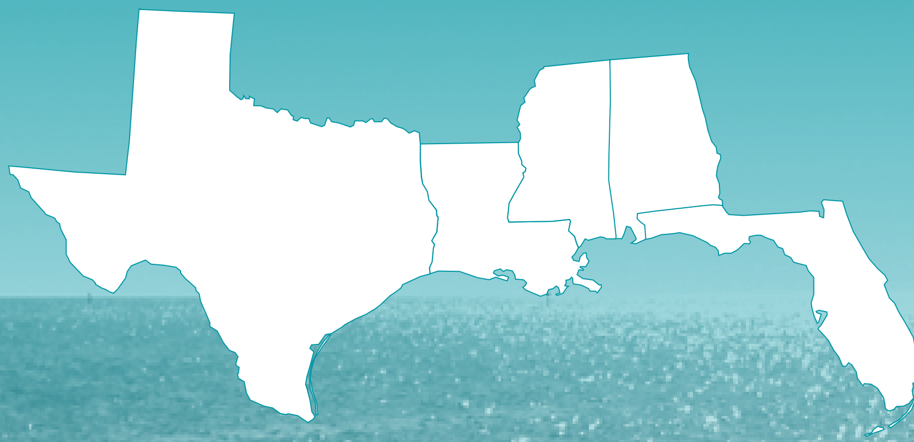
Gulf of Mexico Region

- Alabama
- West Florida
- Louisiana
- Mississippi
- Texas



An angler fishing from a jetty, while an egret waits in anticipation of an easy meal (photo credit: Tom Sminkey, NOAA Fisheries Office of Science and Technology)

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 under seven fishery management plans (FMPs). The coastal migratory pelagic resources and spiny lobster fisheries are managed jointly with the South Atlantic Fishery Management Council (SAFMC).

FMPs in the Gulf of Mexico Region

- Aquaculture
- Coastal migratory pelagic resources (with SAFMC)
- Corals
- Red drum
- Reef fish
- Shrimp
- Spiny lobster (with SAFMC)

Three stocks or stock complexes in the Gulf of Mexico Region were identified as overfished in 2015: gray triggerfish, greater amberjack, and red snapper.

Catch Share Programs

Two catch share programs have been implemented in the Gulf of Mexico: the Red Snapper Individual Fishing Quota (IFQ) Program and the Grouper–Tilefish IFQ Program. Following are descriptions of these catch share programs and their performance.

Red Snapper IFQ Program: This program was implemented in 2007 to reduce overcapacity and mitigate derby fishing conditions in the red snapper segment of the commercial reef fish fishery. The key performance indicators of this program show that relative to the baseline period (the 3-year period prior to implementation), the 2014 quota, landings, inflation-adjusted total revenue, and inflation-adjusted total revenue per vessel increased. In contrast, the number of active vessels has decreased since the implementation of the IFQ Program.

Grouper-Tilefish IFQ Program: This program was implemented in 2010 to reduce overcapacity, increase harvesting efficiency, and eliminate the race to fish in the grouper–tilefish segment of the commercial reef fish fishery. The key performance indicators of this program generally show that relative to the baseline period (the 3-year period prior to implementation), 2014 landings, inflation-adjusted total revenue, and inflation-adjusted revenue per active vessel increased. However, overall quota and the number of active vessels decreased during this period.

Policy Updates

In January 2016, NOAA Fisheries published a final rule for the GMFMC Aquaculture Plan for Federal Waters of the Gulf of Mexico. The plan established a regional permitting process to manage the development of an environmentally and economically sustainable aquaculture fishery in federal waters. Before the plan was implemented, exempted fishing permits were required to conduct aquaculture in federal waters. However, these exempted fishing permits were not good investments for commercial aquaculture operations because of their limited duration. No more than 20 Gulf aquaculture permits can be issued under this final rule.

Also in 2016, the GMFMC approved Amendment 28 to the FMP for the Reef Fish Resources of the Gulf of Mexico. The amendment reallocated the red snapper harvest consistent with the updated 2014 red snapper population assessment to ensure the allowable catch and recovery benefits from a rebuilding population were fairly and equitably allocated between commercial and recreational anglers. The amendment reallocated the red snapper stock annual catch limit between the commercial and recreational sectors from 51%:49% to 48.5%:51.5%, respectively.

COMMERCIAL FISHERIES

In this report, commercial fisheries refer to fishing operations that sell their catch for profit. It does not include saltwater anglers that fish for sport or subsistence fishermen. It also excludes the for hire sector, which earns its revenue from selling recreational fishing trips to saltwater anglers. The commercial fisheries section reports on economic impacts, landings revenue, landings, and ex-vessel prices of key species/species groups.

Economic Impacts

The premise behind economic impact modeling is that every dollar spent in a regional economy (direct impact) is either saved or respent on additional goods or services. If those dollars are respent on other goods and services

Key Gulf of Mexico Region Commercial Species

- Blue crab
- Crawfish
- Groupers
- Menhaden
- Mullets
- Oysters
- Red snapper
- Shrimp
- Spiny lobster
- Tunas

in the regional economy, this spending generates additional economic activity in the region. This report provides estimates of total economic impacts for the Nation and for each of the 23 coastal states. Total economic impacts for each state and the Nation represent the sum of direct impacts; indirect impacts (in this case, the impact from suppliers to the seafood industry); and induced impacts (spending by employees on personal and household expenditures, where employees of both seafood businesses and its full supply chain are included). That is, impacts from the seafood industry as well as the economic activity generated throughout each region's broader economy from this industry.

Four different measures are commonly used to show commercial fisheries landings affect the economy in a region (state or nationwide): sales, income, value-added, and employment. Sales refer to the gross value of all sales by regional businesses affected by an activity, such as commercial fishing. It includes both the direct sales of fish landed and sales made between businesses and households resulting from the original sale. Income includes personal income (wages and salaries) and proprietors' income (income from self-employment). Value-added is the contribution made to the gross domestic product in a region. Employment is specified on the basis of full-time and part-time jobs supported directly or indirectly by the sales of seafood or purchases of inputs to commercial fishing. The first three types of measures are calculated in terms of dollars, whereas employment impacts are measured in terms of numbers of jobs. Note that these categories are not additive. The United States seafood industry is defined here as the commercial fishing sector, seafood processors and dealers, seafood wholesalers and distributors, importers, and seafood retailers.[1,2]

In 2015, commercial fishing in Florida generated the largest employment impacts in the Gulf of Mexico Region with 79,700 jobs. Florida had the largest income impacts ($3.3 billion), sales impacts ($17.7 billion), and value-added impacts ($5.9 billion).

The importers sector in Florida generated the highest employment impacts of any state-level sector (41,500

Landings Revenue: Largest Increases

From 2006:
- Crawfish (431%, 359% in real terms)
- Menhaden (208%, 166% in real terms)
- Red snapper (108%, 80% in real terms)

From 2014:
- Menhaden (72%)
- Red snapper (19%)
- Oysters (7%)

Landings Revenue: Largest Decreases

From 2006:
- Tunas (-47%, -54% in real terms)
- Mullets (-28%, -38% in real terms)
- Shrimp (-12%, -24% in real terms)

From 2014:
- Crawfish (-57%)
- Shrimp (-41%)
- Mullets (-34%)

Landings: Largest Increases

From 2006:
- Crawfish (272%)
- Red snapper (45%)
- Menhaden (32%)

From 2014:
- Menhaden (40%)
- Red snapper (18%)
- Spiny lobster (10%)

Landings: Largest Decreases

From 2006:
- Tunas (-53%)
- Shrimp (-30%)
- Mullets (-24%)

From 2014:
- Crawfish (-58%)
- Mullets (-29%)
- Tunas (-24%)

[1] 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).
[2] Separate commercial economic impacts were not available for West Florida. Impacts for the entire state of Florida are reported here.

jobs). The importers sector in Florida generated the highest state-level income impacts ($2.1 billion), the highest state-level sales impacts ($12.8 billion), and the highest state-level value-added impacts in the region ($3.9 billion).

Landings Trends

Landings revenue declined from $1.1 billion in 2014 to $858 million in 2015 largely due to shellfish landings revenue losses (down $246 million), which were only partially offset by finfish revenue gains (up $54 million). Regionally, shellfish landings revenues were down almost across the board: shrimp, down $238 million; blue crab, down $5.1 million; crawfish, down $9.2 million; and spiny lobster, down $8.0 million. While the decline in shrimp landings revenue was somewhat attributable to lower landings (-6%), the major driver was lower prices, which fell 37% from the previous year. Market reports identified high inventories as a key factor in driving prices of both domestically harvested shrimp and shrimp imports lower. In addition, 2014 shrimp prices were the highest since 2000 due to a number of factors, including the disruption in the Asian market due to the spread of "early mortality syndrome: (EMS), a bacteria that causes early death in shrimp. A comparison of the 2015 shrimp price to the average price from the previous five years indicates prices were 22% lower in 2015 relative to that period.

Lower blue crab landings revenue in 2015 relative to 2014 also reflects the fact that 2014 was a banner year for blue crab – garnering the highest landings revenue and price on record in both nominal and real terms. While 2015 blue crab landings revenue was indeed lower than 2014, it was still a good year relative to the average landings revenue from the previous five years – in 2015, blue crab landings revenue were up 31% relative to the preceding five year average.

Landings Revenue

Landings revenue in the Gulf Region totaled $858 million in 2015. This number represents a 24% increase from 2006 (a 7% increase in real terms after adjusting for inflation) and an 18% decrease from 2014. Landings revenue was highest in Louisiana ($374 million) followed by West Florida ($192 million). Shellfish landings revenue made up 71% of total revenue. Shrimp ($348 million) and menhaden ($139 million) had the highest landings revenue in the Gulf of Mexico Region in 2015. Together they accounted for 57% of total landings revenue.

From 2006 to 2015, crawfish (431%, 359% in real terms); menhaden (208%, 166% in real terms); and red snapper (108%, 80% in real terms) had the largest revenue increases, while tunas (-47%, -54% in real terms); mullets (-28%, -38% in real terms); and shrimp (-12%, -24% in real terms) had the largest decreases. From 2014 to 2015, menhaden (72%), red snapper (19%), and oysters (7%) had the largest revenue increases, while crawfish (-57%), shrimp (-41%), and mullets (-34%) had the largest decreases.

Landings

In 2015, commercial fishermen in the Gulf Region landed 1.6 billion pounds of finfish and shellfish, a 14% increase from 2006 and a 25% increase from 2014. Landings volume was highest in Louisiana (1 billion pounds), followed by Mississippi (306 million pounds). Menhaden had the highest landings volume in the Gulf of Mexico Region, accounting for 76% of landed weight.

From 2006 to 2015, crawfish (272%), red snapper (45%), and menhaden (32%) had the largest landings increases, while tunas (-53%), shrimp (-30%), and mullets (-24%) had the largest decreases. From 2014 to 2015, menhaden (40%), red snapper (18%), and spiny lobster (10%) had the largest landings increases, while crawfish (-58%), mullets (-29%), and tunas (-24%) had the largest decreases.

Price

In 2015, spiny lobster ($8.06 per pound) received the highest ex-vessel price in the Gulf of Mexico Region. Landings of menhaden ($0.12 per pound) had the lowest ex-vessel price. From 2006 to 2015, menhaden (134%, 102% in real terms); blue crab (121%, 91% in real terms); and oysters (83%, 58% in real terms) had the largest price increases, while mullets (-6%, -18% in real terms) had the largest decrease. From 2014 to 2015, menhaden (23%), oysters (12%), and groupers

(5%) had the largest price increases, while shrimp (-37%), spiny lobster (-24%), and blue crab (-8%) had the largest decreases.

RECREATIONAL FISHERIES

In this report, recreational fisheries refer to fishing for fun rather than to resell fish (commercial fishing) or for subsistence. The recreational fisheries section reports on economic impacts and expenditures, angler participation, trips, and catch of key species/species groups.

Key Gulf of Mexico Region Recreational Species

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

Recreational Catch: Largest Increases

From 2006:
- Striped mullet (62%)
- Porgies (sheepshead) (7%)
- Drum (sand and silver seatrouts) (1%)

From 2014:
- Drum (Gulf and southern kingfish) (33%)
- Drum (sand and silver seatrouts) (22%)
- Drum (spotted seatrout) (14%)

Recreational Catch: Largest Decreases

From 2006:
- Drum (spotted seatrout) (-51%)
- Red snapper (-39%)
- Spanish mackerel (-36%)

From 2014:
- Spanish mackerel (-34%)
- Drum (Atlantic croaker) (-29%)
- Striped mullet (-24%)

Economic Impacts and Expenditures

The contribution of recreational fishing activities[3] in the United States is reported in terms of economic impacts from angler expenditures. Total annual trip expenditures are estimated by multiplying mean trip expenditures by the estimated number of adult trips in each trip mode (for-hire, private boat, and shore). Total annual durable expenditures are estimated by multiplying mean durable expenditures by the estimated annual number of adult participants in a given state.

Four different measures are commonly used to show how angler expenditures affect the economy in a region (state or nationwide): sales, income, value-added, and employment. Sales refer to the gross value of all sales by regional businesses affected by an activity, such as recreational fishing. It includes both the direct sales made by the angler and sales made between businesses and households resulting from that original sale by the angler. Income includes personal income (wages and salaries) and proprietors' income (income from self-employment). Value-added is the contribution made to the gross domestic product in a region. Employment is specified on the basis of full- and part-time jobs supported directly or indirectly by the purchases made by anglers. The first three measures are calculated in terms of dollars, whereas employment impacts are measured in terms of number of jobs. Note that these categories are not additive. NOAA Fisheries uses a regional impact modeling software, called IMPLAN, to estimate these four types of impacts.

The greatest employment impacts from expenditures on saltwater recreational fishing in the Gulf of Mexico Region were generated in West Florida (61,300 jobs), followed by Texas (15,400 jobs). The largest sales impacts were observed in West Florida ($6.9 billion), followed by Texas ($1.9 billion). The biggest income impacts were generated in West Florida ($2.6 billion), followed by Texas ($726 million). The greatest value-added impacts were in West Florida ($4.2 billion), followed by Texas ($1.2 billion).

Recreational fishing expenditures (on both fishing trips and durable equipment purchases) across the Gulf of Mexico Region in 2015 totaled about $10.4 billion. Trip expenditures totaled more than $1.4 billion, with a large portion coming from trips in the private boat (41%) and for-hire (30%) sectors. Durable goods expenditures to-

[3] Trip expenditure estimates were generated from the 2011 National Marine Recreational Fishing Expenditure Survey. Durable good expenditure impacts were generated from the 2014 National Marine Recreational Fishing Expenditure Survey (see http://www.st.nmfs.noaa.gov/economics/fisheries/recreational/Marine-Angler-Durable-Expenditures/2014-durable-expenditures-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 http://www.st.nmfs.noaa.gov/economics/publications/marine-angler-expenditures/marine-angler-2011).

taled $9 billion, with the largest portion coming from boat expenses ($5.2 billion).

Fishing Trips

In 2015, recreational fishermen took 19.7 million fishing trips in the Gulf of Mexico Region. This number was a 15% decrease from 2006 and a 6% decrease from 2014. The largest proportions of trips were taken in the private boat mode (56%) and shore mode (39%). States with the highest number of recorded trips were West Florida (13.4 million trips) and Louisiana (2.4 million trips).

Participation

In 2015, 2.5 million recreational anglers fished in the Gulf of Mexico Region. This number was a 31% decrease from 2006 and a 13% decrease from 2014. These anglers were Gulf of Mexico Region residents from either a coastal county (90%) or non-coastal county (10%).

Harvest and Release

Of the Gulf of Mexico's key species and species groups, drum (spotted seatrout, 16.9 million fish), red drum (6.2 million fish), and drum (sand and silver seatrouts, 3.8 million fish) were most frequently caught by recreational anglers. From 2006 to 2015, striped mullet (62%); porgies (sheepshead, 7%); and drum (sand and silver seatrouts, 1%) had the largest increases in catch, while drum (spotted seatrout, -51%); red snapper (-39%); and Spanish mackerel (-36%) had the largest decreases. From 2014 to 2015, drum (Gulf and southern kingfish, 33%); drum (sand and silver seatrouts, 22%); and drum (spotted seatrout, 14%) had the largest increases in catch, while Spanish mackerel (-34%); drum (Atlantic croaker, -29%); and striped mullet (-24%) had the largest decreases.

MARINE ECONOMY

For this report, the marine economy refers to the economic activity generated by fishing and marine-related industries in a coastal state. The state marine economy consists of two industry sectors: 1) seafood sales and processing (employer establishments and non-employer firms); and 2) transport, support, and marine operations (employer establishments). These sectors include several different marine-related industries. Note that when discussing the marine economy in the Gulf of Mexico Region, all statistics include the entire state of Florida and not just West Florida.[4,5,6]

To measure the size of the commercial fishing sector in a state's economy relative to the size of the commercial fishing sector in the national economy, researchers use an index called the Commercial Fishing Location Quotient (CFLQ).[7] 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 U.S. CFLQ is 1. If a state's CFLQ is less than 1, then less commercial fishing occurs in this state than the national average. If a state's CFLQ is greater than 1, then more commercial fishing occurs in this state than the national average.

In 2014, the CFLQ for Louisiana was the highest in the region at 2.14. Louisiana's CFLQ suggests that the level of employment in industries related to commercial fishing in this state is approximately 2.14 times higher than the level of employment in these industries nationwide.

In 2014, 1.3 million establishments operated throughout the Gulf of Mexico Region, including marine and non-marine-related establishments. These establishments employed 22 million workers and had a total annual payroll of $988 billion. The region's gross domestic product was approximately $3 trillion in 2014.

Seafood Sales and Processing

Seafood Product Preparation and Packaging: In 2014, there were 632 non-employer firms (a 44% increase from 2006) and annual receipts totaled $43 million (a 54% increase from 2006 in real terms). The greatest number of firms was located in Florida (315). There were 138 employer establishments (a 5% increase from 2006) in 2014. These establishments employed approximately 6,676 workers (a 29% decrease from 2006) and had a total annual payroll of $211 million (a 19% decrease from 2006 in real terms). The greatest number of establishments was located in Louisiana (37).

[4] Marine Economy information was not available for West Florida, information for the entire state of Florida is provided here.
[5] Unless otherwise stated, data is from the U.S. Census Bureau, http://censtats.census.gov/ (accessed May 31, 2016).
[6] 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 (accessed May 31, 2016).
[7] U.S. Bureau of Labor Statistics, "Location Quotient Calculator," http://data.bls.gov/location_quotient/ (accessed May 31, 2016).

Seafood Sales, Retail: In 2014, there were 819 non-employer firms (a 20% increase from 2006) and annual receipts totaled $66 million (a 15% decrease from 2006 in real terms). The greatest number of firms was located in Florida (346).

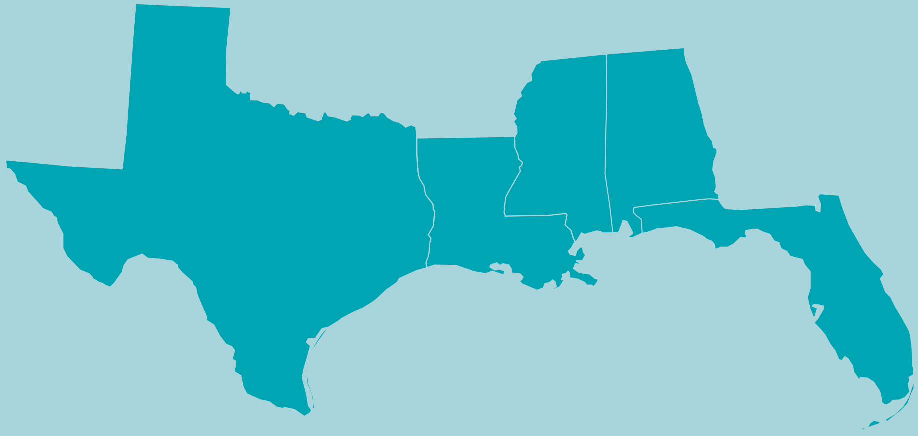
There were 356 employer establishments (a 4% decrease from 2006) in 2014. These establishments employed 2,194 workers (a 13% increase from 2006) and had a total annual payroll of $48 million (a 24% increase from 2006 in real terms). The greatest number of establishments was located in Florida (166).

Seafood Sales, Wholesale: There were 463 establishments (a 10% decrease from 2006) in 2014. These establishments employed 3,850 workers (a 9% decrease from 2006) and had a total annual payroll of $155 million (a 2% increase from 2006 in real terms). The greatest number of establishments was located in Florida (233).

Transport, Support, and Marine Operations

The size of the Transport, Support, and Marine Operations sectors in the Gulf of Mexico Region 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 contributed over 12,000 jobs and more than $600 million in payroll in Alabama, Florida, Louisiana, and Texas alone (data for Mississippi are suppressed). The Coastal Freight Transportation sector contributed over $960 million in payroll to the region, mainly in Louisiana, Texas, and Florida.

Tables | Gulf of Mexico Region



2015 Economic Impacts of the Gulf of Mexico Seafood Industry (thousands of dollars)

		With Imports				Without Imports			
	Landings Revenue	#Jobs	Sales	Income	Value Added	#Jobs	Sales	Income	Value Added
Alabama	50,935	9,956	501,815	188,824	250,925	9,348	421,219	168,896	220,481
Florida	192,419	79,714	17,713,169	3,319,369	5,931,263	10,257	994,047	262,855	403,399
Louisiana	373,682	32,015	1,839,750	673,344	920,809	30,635	1,601,577	623,704	838,255
Mississippi	67,471	9,490	465,361	185,978	239,711	9,485	464,680	185,834	239,474
Texas	173,419	14,829	1,016,864	361,386	509,834	14,571	966,117	351,189	492,440

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

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Total Revenue	691,220	690,211	663,848	636,427	624,629	811,905	745,822	941,881	1,050,708	857,926
Finfish & Other	136,644	146,525	147,115	142,425	117,831	184,721	184,388	200,892	197,023	250,557
Shellfish	554,576	543,686	516,732	494,003	506,797	627,184	561,434	740,990	853,685	607,369
Key Species										
Blue crab	43,355	46,028	39,813	45,484	41,264	48,794	47,984	61,804	79,050	73,918
Crawfish	1,290	9,034	9,507	15,547	13,971	9,914	4,998	16,490	16,088	6,851
Groupers	23,721	21,488	24,108	18,435	14,270	20,326	24,634	24,628	29,835	27,668
Menhaden	44,946	62,110	64,376	60,606	51,750	92,855	83,450	90,643	80,397	138,511
Mullets	9,429	5,543	6,099	6,105	5,221	10,368	7,557	13,222	10,311	6,781
Oysters	62,316	69,542	60,464	73,464	55,085	65,273	71,688	76,450	92,868	99,008
Red snapper	13,167	9,570	7,972	7,984	10,202	11,413	13,565	20,621	23,115	27,432
Shrimp	397,706	367,060	366,808	327,608	339,228	441,384	390,464	513,380	585,809	348,301
Spiny lobster	24,867	24,527	19,141	12,203	32,747	35,610	21,128	46,744	50,534	42,547
Tunas	8,461	10,535	6,170	8,180	2,688	5,516	10,516	7,308	6,330	4,502

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

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Total Landings	1,362,326	1,404,307	1,278,879	1,435,665	1,072,068	1,792,550	1,438,492	1,346,511	1,239,734	1,554,654
Finfish & Other	975,313	1,071,825	994,813	1,071,919	810,889	1,472,911	1,151,387	1,043,696	928,831	1,258,438
Shellfish	387,013	332,482	284,066	363,746	261,179	319,640	287,105	302,815	310,903	296,215
Key Species										
Blue crab	67,481	57,964	49,258	61,277	41,240	55,606	50,409	46,941	51,395	52,045
Crawfish	1,469	15,848	15,735	19,312	14,557	9,599	4,216	19,676	13,055	5,461
Groupers	9,434	7,723	8,941	7,008	5,075	7,175	8,317	7,613	8,824	7,814
Menhaden	901,398	1,005,325	927,517	1,002,579	753,442	1,398,654	1,078,139	971,308	848,589	1,188,983
Mullets	12,727	8,933	10,609	11,303	8,963	14,233	10,772	13,482	13,654	9,692
Oysters	19,674	22,518	20,723	22,829	15,824	18,742	19,948	19,257	17,931	17,078
Red snapper	4,637	2,998	2,370	2,503	3,259	3,567	3,994	5,306	5,730	6,739
Shrimp	288,973	225,163	188,806	250,572	178,902	221,469	203,328	207,106	215,487	202,916
Spiny lobster	4,368	3,402	2,975	3,960	5,286	5,302	3,634	5,600	4,794	5,281
Tunas	2,851	3,426	1,786	2,836	1,322	1,588	3,031	2,094	1,757	1,343

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

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Blue crab	0.64	0.79	0.81	0.74	1.00	0.88	0.95	1.32	1.54	1.42
Crawfish	0.88	0.57	0.60	0.81	0.96	1.03	1.19	0.84	1.23	1.25
Groupers	2.51	2.78	2.70	2.63	2.81	2.83	2.96	3.24	3.38	3.54
Menhaden	0.05	0.06	0.07	0.06	0.07	0.07	0.08	0.09	0.09	0.12
Mullets	0.74	0.62	0.57	0.54	0.58	0.73	0.70	0.98	0.76	0.70
Oysters	3.17	3.09	2.92	3.22	3.48	3.48	3.59	3.97	5.18	5.80
Red snapper	2.84	3.19	3.36	3.19	3.13	3.20	3.40	3.89	4.03	4.07
Shrimp	1.38	1.63	1.94	1.31	1.90	1.99	1.92	2.48	2.72	1.72
Spiny lobster	5.69	7.21	6.43	3.08	6.20	6.72	5.81	8.35	10.54	8.06
Tunas	2.97	3.07	3.45	2.88	2.03	3.47	3.47	3.49	3.60	3.35

2015 Economic Impacts of the Gulf of Mexico Recreational Fishing Expenditures (thousands of dollars, trips)

	Trips	#Jobs	Sales	Income	Value Added
Alabama	2,324	13,888	1,244,884	532,226	888,904
West Florida	13,425	61,278	6,947,889	2,620,297	4,184,808
Louisiana	2,426	11,054	1,285,974	474,397	784,385
Mississippi	1,551	5,511	656,407	217,633	354,185
Texas	1,403	15,368	1,937,753	726,079	1,202,300

2015 Angler Trip & Durable Goods Expenditures (thousands of dollars)

Fishing Mode	Trip Expenditures
For-Hire	433,490
Private Boat	582,302
Shore	409,074
Total	1,424,866

Equipment	Durable Goods Expenditures
Fishing Tackle	1,939,267
Other Equipment	846,137
Boat Expenses	5,175,195
Vehicle Expenses	932,081
Second Home Expenses	127,214
Total Durable Expenditures	9,019,894

Total State Trip and Durable Goods Expenditures	10,444,760

Recreational Anglers by Residential Area (thousands of anglers)[1,2]

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Coastal	3,328	3,235	2,926	2,550	2,480	2,737	2,803	2,973	2,616	2,250
Non-Coastal	315	326	262	296	235	311	268	400	273	262
Out-of-State[3]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Anglers	3,643	3,562	3,188	2,846	2,715	3,048	3,071	3,373	2,890	2,512

Recreational Fishing Effort by Mode (thousands of angler trips)[4]

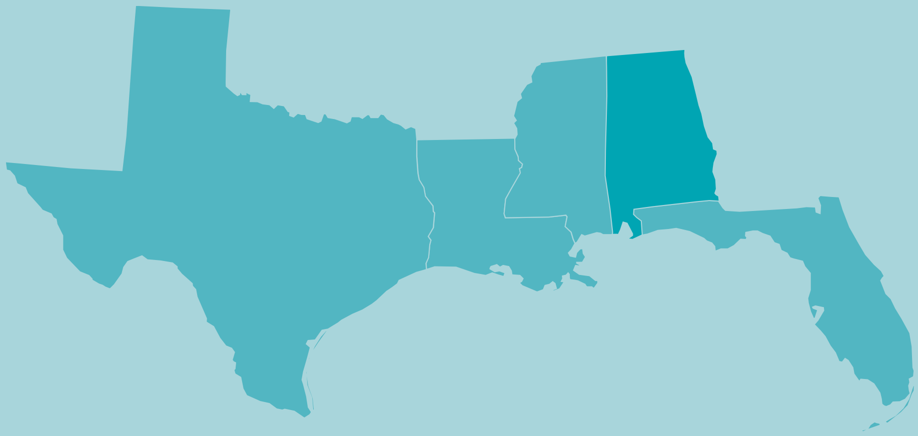
	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
For-Hire	836	852	819	822	580	735	884	907	927	1,088
Private	13,620	14,980	15,195	13,443	12,685	12,911	12,782	13,510	11,547	10,952
Shore	8,837	8,457	8,776	8,332	7,783	8,930	9,506	10,817	8,582	7,686
Total Trips	23,293	24,289	24,790	22,597	21,047	22,576	23,172	25,233	21,056	19,726

Harvest (H) & Release (R) of Key Species/Species Groups (thousands of fish)[5]

		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Drum (Atlantic Croaker)	H	1,542	1,408	1,936	1,291	1,634	2,208	1,462	1,883	2,681	1,347
	R	2,312	2,616	3,149	3,856	3,828	5,899	3,920	3,269	2,239	2,167
Drum (Gulf and southern kingfish)	H	1,250	1,136	1,305	1,065	1,421	939	918	1,622	707	1,173
	R	926	842	728	576	624	539	536	474	358	248
Drum (sand and silver seatrouts)	H	2,239	3,184	3,556	4,314	4,701	5,960	5,056	3,013	2,674	3,160
	R	1,539	1,911	1,990	2,444	1,806	2,540	2,476	1,851	482	675
Drum (spotted seatrout)	H	14,273	12,104	15,042	14,147	10,871	14,719	13,593	12,762	5,818	7,807
	R	20,056	18,850	21,017	17,364	14,565	19,119	20,215	19,527	8,932	9,067
Porgies (sheepshead)	H	1,188	1,244	1,615	1,607	1,195	2,273	1,596	1,355	1,391	1,327
	R	1,508	1,222	1,487	1,339	1,739	1,633	1,516	1,672	1,579	1,562
Red drum	H	2,681	3,135	3,560	2,893	3,516	3,891	3,013	4,138	2,115	2,248
	R	6,393	6,222	7,016	5,525	6,467	6,449	6,329	7,701	3,480	3,912
Red snapper	H	1,036	1,268	719	827	367	557	625	1,289	559	807
	R	2,831	3,258	2,111	2,146	1,436	1,521	1,425	2,824	1,786	1,543
Southern flounder	H	537	701	538	691	802	858	836	1,102	486	417
	R	171	240	122	193	220	222	310	339	73	83
Spanish mackerel	H	1,769	1,338	1,899	1,508	1,577	1,542	1,841	3,355	1,722	1,780
	R	2,854	2,104	2,041	1,636	2,476	1,942	1,442	4,159	2,779	1,200
Striped mullet	H	1,102	1,150	1,259	742	1,666	1,902	2,356	2,984	2,366	1,949
	R	141	157	146	225	126	313	204	195	293	68

[1] The Marine Recreational Program (MRIP) does not collect angler participation data for Texas.
[2] Includes Louisiana resident participation estimated from historical MRIP data (2006-2013) and a state creel survey (2014-2015).
[3] 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.
[4] The Marine Recreational Program (MRIP) does not collect effort data for Texas.
[5] Data on the number of fish released in Texas are not collected by the Texas Parks and Wildlife Department (TPWD) and therefore not reported in this table.

Tables | Alabama



2015 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	9,956	501,815	188,824	250,925	9,348	421,219	168,896	220,481
Commercial Harvesters	1,559	84,003	24,955	37,125	1,559	84,003	24,955	37,125
Seafood Processors & Dealers	1,924	136,055	53,293	67,724	1,523	107,688	42,182	53,604
Importers	163	50,564	8,104	15,414	0	0	0	0
Seafood Wholesalers & Distributors	152	8,027	2,814	3,625	146	7,695	2,697	3,475
Retail	6,157	223,167	99,658	127,037	6,120	221,834	99,062	126,278

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

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Total Revenue	48,558	48,845	44,503	39,624	26,335	50,910	46,495	56,778	70,174	50,935
Finfish & Other	4,572	3,686	4,358	3,662	2,748	4,072	5,183	4,680	4,572	5,023
Shellfish	43,986	45,160	40,145	35,962	23,587	46,838	41,312	52,098	65,601	45,912
Key Species										
Blue crab	1,319	1,711	1,533	961	732	1,128	1,044	1,036	1,319	1,227
Flounders	223	261	214	197	97	222	185	58	53	66
Menhaden	48	71	59	42	15	58	84	104	147	154
Mullets	1,171	984	1,030	765	594	687	1,206	1,178	1,046	761
Oysters	3,639	2,698	243	77	390	1,322	1,253	786	441	290
Red snapper	536	213	239	263	329	314	316	401	697	1,443
Sharks	463	250	403	275	111	381	330	247	219	262
Shrimp	39,022	40,742	38,355	34,894	22,463	44,361	39,009	50,266	63,826	44,392
Spanish mackerel	573	453	664	301	499	582	1,149	940	472	705
Vermillion snapper	318	323	507	841	384	622	393	88	387	247

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

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Total Landings	34,033	29,434	24,612	29,199	14,063	26,119	26,322	23,411	25,630	26,570
Finfish & Other	6,498	4,857	5,577	4,478	3,441	4,966	6,596	5,831	5,276	5,095
Shellfish	27,535	24,578	19,035	24,721	10,622	21,153	19,726	17,580	20,353	21,474
Key Species										
Blue crab	2,384	2,557	1,799	1,458	927	1,617	1,325	1,025	1,184	1,302
Flounders	118	133	107	97	48	111	83	25	23	26
Menhaden	350	470	268	190	81	364	521	496	700	695
Mullets	1,913	1,798	2,017	1,814	1,202	1,262	1,946	1,793	1,829	1,385
Oysters	940	769	71	23	68	296	265	133	58	34
Red snapper	177	59	61	65	83	78	78	108	180	356
Sharks	1,227	315	424	328	140	450	495	343	272	392
Shrimp	24,201	21,247	17,154	23,215	9,625	19,224	18,124	16,408	19,097	20,135
Spanish mackerel	873	580	921	418	733	839	1,377	972	431	617
Vermillion snapper	122	129	199	346	148	224	132	28	124	74

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

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Blue crab	0.55	0.67	0.85	0.66	0.79	0.70	0.79	1.01	1.11	0.94
Flounders	1.89	1.97	2.01	2.04	2.05	2.00	2.21	2.35	2.24	2.51
Menhaden	0.14	0.15	0.22	0.22	0.18	0.16	0.16	0.21	0.21	0.22
Mullets	0.61	0.55	0.51	0.42	0.49	0.54	0.62	0.66	0.57	0.55
Oysters	3.87	3.51	3.41	3.33	5.75	4.47	4.72	5.90	7.60	8.62
Red snapper	3.03	3.62	3.93	4.04	3.97	4.04	4.05	3.70	3.86	4.05
Sharks	0.38	0.79	0.95	0.84	0.79	0.85	0.67	0.72	0.81	0.67
Shrimp	1.61	1.92	2.24	1.50	2.33	2.31	2.15	3.06	3.34	2.20
Spanish mackerel	0.66	0.78	0.72	0.72	0.68	0.69	0.83	0.97	1.09	1.14
Vermillion snapper	2.61	2.50	2.55	2.43	2.59	2.78	2.97	3.12	3.11	3.33

2015 Economic Impacts of Recreational Fishing Expenditures (thousands of dollars)

		#Jobs	Sales	Income	Value Added
Trip Impacts by Fishing Mode	For-Hire	501	58,673	20,918	30,635
	Private Boat	490	48,584	14,604	25,151
	Shore	956	83,968	27,507	46,603
Total Durable Expenditures		11,941	1,053,659	469,197	786,515
Total State Economic Impacts		13,888	1,244,884	532,226	888,904

2015 Angler Trip & Durable Goods Expenditures (thousands of dollars)

Fishing Mode	Trip Expenditures	Equipment	Durable Goods Expenditures
For-Hire	37,088	Fishing Tackle	275,371
Private Boat	47,725	Other Equipment	89,408
Shore	68,939	Boat Expenses	928,568
Total	153,752	Vehicle Expenses	39,927
		Second Home Expenses	22,786
		Total Durable Expenditures	1,356,060
Total State Trip and Durable Goods Expenditures			1,509,812

Recreational Anglers by Residential Area (thousands of anglers)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Coastal	233	253	192	205	195	295	254	279	220	225
Non-Coastal	184	169	116	151	140	177	131	224	123	151
Out-of-State	320	291	237	209	220	435	339	549	510	455
Total Anglers	736	712	545	566	554	907	723	1,052	853	831

Recreational Fishing Effort by Mode (thousands of angler trips)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
For-Hire	78	75	56	56	34	75	59	90	87	98
Private	811	985	946	885	840	1,206	1,035	1,006	714	918
Shore	1,050	901	702	772	812	1,202	1,211	1,767	1,368	1,308
Total Trips	1,938	1,961	1,704	1,713	1,686	2,483	2,305	2,862	2,169	2,324

Harvest (H) & Release (R) of Key Species/Species Groups (thousands of fish)

		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Bluefish	H	13	26	16	14	30	75	56	163	36	17
	R	151	175	54	46	80	167	197	639	518	192
Drum (Atlantic Croaker)	H	452	463	1,163	250	918	886	345	391	1,105	539
	R	824	924	1,371	1,821	1,861	2,593	1,206	886	1,393	1,401
Drum (kingfishes)[1]	H	443	476	668	593	633	626	227	929	322	350
	R	460	289	257	284	309	341	97	260	156	131
Drum (sand seatrout)	H	593	704	1,216	1,428	2,069	2,346	1,415	486	524	881
	R	503	481	409	752	835	743	480	294	246	317
Drum (spotted seatrout)	H	327	359	269	318	610	826	773	539	242	522
	R	598	488	844	757	454	1,301	1,126	761	254	907
Porgies (sheepshead)	H	124	320	289	166	218	480	313	285	121	316
	R	80	30	159	48	51	146	48	46	18	168
Red drum	H	100	84	88	62	123	143	124	188	90	161
	R	145	136	227	110	151	150	305	425	318	254
Red snapper	H	181	217	107	138	42	217	152	450	132	297
	R	639	851	340	394	288	488	194	857	758	610
Southern flounder	H	123	96	93	139	243	163	155	84	29	50
	R	65	38	38	22	65	60	53	43	18	26
Spanish mackerel	H	58	92	111	76	255	334	516	1,313	128	707
	R	48	21	32	60	101	128	148	1,130	53	275

[1] Kingfishes include southern kingfish and Gulf kingfish.

2014 Alabama State Economy (% of national total)[1]

	#Establishments	#Employees	Annual Payroll ($ billions)	Employee Compensation ($ billions)	Gross State Product ($ billions)	Commercial Fishing Location Quotient[2]
Totals	97,714 (1.3%)	1,604,016 (1.3%)	64.29 (1.1%)	105.84 (1.1%)	200.41 (1.2%)	0.58

Seafood Sales & Processing - Non-Employer Firms (thousands of dollars)

		2006	2007	2008	2009	2010	2011	2012	2013	2014
Seafood product prep. & packaging	Firms	34	47	33	41	68	67	47	58	57
	Receipts	1,558	1,547	1,894	1,809	3,314	4,354	1,965	3,069	3,446
Seafood sales, retail	Firms	57	61	57	67	71	58	68	66	55
	Receipts	4,802	4,279	5,632	5,484	5,197	4,759	7,073	5,520	4,351

Seafood Sales & Processing - Employer Establishments (thousands of dollars)[3]

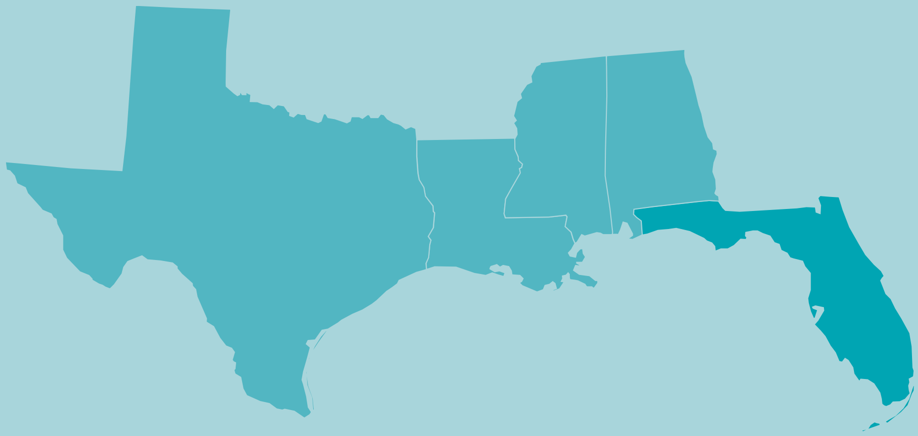
		2006	2007	2008	2009	2010	2011	2012	2013	2014
Seafood product prep. & packaging	Establishments	24	23	23	22	21	16	17	22	23
	Employees	1,629	1,510	1,450	1,086	1,128	882	778	989	963
	Payroll	34,703	32,774	29,277	24,900	22,824	21,922	19,730	22,641	23,973
Seafood sales, wholesale	Establishments	26	31	29	28	23	25	16	18	18
	Employees	395	395	494	339	332	321	306	281	388
	Payroll	6,195	6,202	8,751	5,893	5,119	6,547	6,221	6,861	9,321
Seafood sales, retail	Establishments	28	33	33	31	34	32	32	28	31
	Employees	ds	ds	ds	130	132	120	189	219	200
	Payroll	ds	1,809	1,710	2,044	2,016	1,888	2,990	3,267	3,330

Transport, Support, & Marine Operations - Employer Establishments (thousands of dollars)[3,4]

		2006	2007	2008	2009	2010	2011	2012	2013	2014
Coastal & Great Lakes freight transportation	Establishments	6	8	4	4	5	5	4	5	5
	Employees	15	48	ds	ds	ds	215	ds	ds	45
	Payroll	754	3,266	ds	ds	ds	13,117	ds	ds	2,617
Deep sea freight transportation	Establishments	3	5	7	7	5	6	5	5	2
	Employees	ds	46	ds	ds	ds	ds	ds	ds	ds
	Payroll	ds	3,553	ds	ds	ds	ds	ds	ds	ds
Deep sea passenger transportation	Establishments	1	1	2	3	2	2	1	0	0
	Employees	ds	ds	ds	ds	ds	ds	ds	NA	NA
	Payroll	ds	ds	ds	ds	ds	ds	ds	NA	NA
Marinas	Establishments	52	52	56	55	54	53	57	54	54
	Employees	312	364	316	278	609	ds	329	332	343
	Payroll	8,388	9,382	9,170	8,418	12,149	12,196	10,253	9,659	9,804
Marine cargo handling	Establishments	14	19	20	19	19	19	10	13	13
	Employees	ds	491	756	658	548	536	ds	554	778
	Payroll	ds	21,076	33,244	27,272	32,143	34,998	ds	34,481	37,273
Navigational services to shipping	Establishments	18	16	17	16	16	16	14	12	16
	Employees	ds	338	287	294	276	283	241	208	124
	Payroll	ds	17,554	16,712	15,383	14,737	14,981	8,808	14,761	6,902
Port & harbor operations	Establishments	3	2	4	5	5	3	6	3	2
	Employees	ds	ds	ds	ds	ds	ds	101	4	ds
	Payroll	ds	ds	ds	ds	ds	ds	5,788	160	ds
Ship & boat building	Establishments	47	42	42	40	32	35	37	38	37
	Employees	3,027	3,570	4,435	3,913	2,598	3,176	4,936	5,948	5,904
	Payroll	121,185	172,380	188,543	159,065	151,813	166,116	251,063	303,016	311,296

[1] Census Bureau data for the Marine Economy section of this report is available only through 2014.
[2] The U.S. Commercial Fishing Location Quotient (CFLQ) is 1. A CFLQ greater than 1 indicates that more commercial fishing occurs in this state than the national average. A CFLQ less than 1 indicates that les commercial fishing occurs in this state than the national average.
[3] ds = these data are suppressed.
[4] NA = not applicable.

Tables | West Florida



2015 Economic Impacts of the Florida Seafood Industry (thousands of dollars)[1]

	With Imports				Without Imports			
	#Jobs	Sales	Income	Value Added	#Jobs	Sales	Income	Value Added
Total Impacts	79,714	17,713,169	3,319,369	5,931,263	10,257	994,047	262,855	403,399
Commercial Harvesters	6,658	479,126	151,375	201,026	6,658	479,126	151,375	201,026
Seafood Processors & Dealers	4,620	833,263	161,261	317,025	535	103,447	20,020	39,357
Importers	41,471	12,827,737	2,055,890	3,910,456	0	0	0	0
Seafood Wholesalers & Distributors	10,077	1,290,597	506,684	630,382	447	57,265	22,482	27,971
Retail	16,889	2,282,446	444,159	872,376	2,616	354,210	68,978	135,045

Total Landings Revenue & Landings Revenue of Key Species/Species Groups (thousands of dollars)[2]

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Total Revenue	145,494	132,162	123,850	117,324	139,046	166,015	143,188	182,163	204,477	192,419
Finfish & Other	51,015	46,828	51,698	49,976	41,321	59,580	60,710	67,994	71,866	66,033
Shellfish	94,479	85,334	72,152	67,349	97,725	106,434	82,479	114,169	132,611	126,386
Key Species										
Blue crab	7,043	5,769	3,289	4,195	6,706	7,719	5,142	6,454	6,977	8,279
Gag	4,151	4,348	4,913	2,759	2,079	1,439	2,437	2,799	2,852	2,782
Lobsters	24,885	24,546	19,175	12,206	32,752	35,616	21,136	46,749	50,537	42,549
Mullet	6,021	3,663	4,172	5,069	4,188	8,630	5,050	11,081	8,072	5,330
Oyster	5,415	6,631	5,519	6,968	6,298	8,582	9,706	5,783	4,038	4,427
Quahog clam	807	914	1,825	1,524	1,002	921	753	921	NA	NA
Red grouper	14,384	11,024	13,591	10,488	8,992	15,087	16,737	16,219	20,944	18,931
Red snapper	1,991	3,066	2,951	2,980	4,552	5,417	6,141	8,073	8,067	9,992
Shrimp	32,225	20,976	23,265	24,446	27,554	28,456	21,463	29,155	41,819	34,431
Stone crab	24,029	26,213	19,019	17,806	23,335	24,430	23,934	24,710	27,132	34,407

Total Landings & Landings of Key Species/Species Groups (thousands of pounds)[2]

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Total Landings	70,766	59,784	60,380	66,387	63,678	78,459	63,347	63,227	76,429	71,485
Finfish & Other	36,226	31,146	35,740	39,000	32,251	42,392	39,077	38,003	46,762	35,833
Shellfish	34,540	28,638	24,640	27,386	31,428	36,067	24,270	25,223	29,667	35,652
Key Species										
Blue crab	8,610	6,110	2,660	3,371	5,759	6,833	4,157	4,463	4,187	4,713
Gag	1,436	1,339	1,478	825	572	369	612	676	681	642
Lobsters	4,372	3,405	2,981	3,961	5,287	5,303	3,635	5,601	4,795	5,282
Mullet	7,308	5,619	6,980	9,167	7,262	11,410	7,249	10,879	10,495	7,486
Oyster	2,394	2,959	2,526	2,877	2,165	3,100	3,316	1,298	731	792
Quahog clam	96	116	279	255	156	137	128	183	NA	NA
Red grouper	6,062	4,352	5,628	4,387	3,488	5,635	6,141	5,412	6,545	5,664
Red snapper	649	919	849	863	1,317	1,538	1,698	2,181	2,094	2,640
Shrimp	14,176	8,628	9,942	11,451	12,892	11,975	7,658	9,672	11,750	11,452
Stone crab	4,784	5,884	6,163	5,382	5,100	5,460	5,202	3,767	1,889	2,633

Average Annual Price of Key Species/Species Groups (dollars per pound)[2]

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Blue crab	0.82	0.94	1.24	1.24	1.16	1.13	1.24	1.45	1.67	1.76
Gag	2.89	3.25	3.32	3.34	3.63	3.90	3.98	4.14	4.19	4.33
Lobsters	5.69	7.21	6.43	3.08	6.19	6.72	5.81	8.35	10.54	8.06
Mullet	0.82	0.65	0.60	0.55	0.58	0.76	0.70	1.02	0.77	0.71
Oyster	2.26	2.24	2.19	2.42	2.91	2.77	2.93	4.46	5.52	5.59
Quahog clam	8.44	7.90	6.53	5.97	6.43	6.74	5.86	5.03	NA	NA
Red grouper	2.37	2.53	2.41	2.39	2.58	2.68	2.73	3.00	3.20	3.34
Red snapper	3.07	3.34	3.47	3.45	3.46	3.52	3.62	3.70	3.85	3.78
Shrimp	2.27	2.43	2.34	2.13	2.14	2.38	2.80	3.01	3.56	3.01
Stone crab	5.02	4.45	3.09	3.31	4.58	4.47	4.60	6.56	14.36	13.07

[1] Economic impacts reported in this table are for the entire state of Florida, not West Florida alone.
[2] NA = These data are confidential and therefore not disclosable.

2015 Economic Impacts of Recreational Fishing Expenditures (thousands of dollars)

		#Jobs	Sales	Income	Value Added
Trip Impacts by Fishing Mode	For-Hire	4,097	505,441	182,036	278,864
	Private Boat	2,377	257,005	88,312	152,299
	Shore	1,490	151,789	52,754	92,197
Total Durable Expenditures		53,314	6,033,654	2,297,195	3,661,448
Total State Economic Impacts		61,278	6,947,889	2,620,297	4,184,808

2015 Angler Trip & Durable Goods Expenditures (thousands of dollars)

Fishing Mode	Trip Expenditures	Equipment	Durable Goods Expenditures
For-Hire	276,651	Fishing Tackle	1,147,480
Private Boat	264,408	Other Equipment	477,538
Shore	122,115	Boat Expenses	2,733,775
Total	663,174	Vehicle Expenses	276,194
		Second Home Expenses	53,167
		Total Durable Expenditures	4,688,154
Total State Trip and Durable Goods Expenditures			5,351,328

Recreational Anglers by Residential Area (thousands of anglers)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Coastal	2,084	1,934	1,820	1,551	1,538	1,592	1,718	1,813	1,649	1,414
Non-Coastal[1]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Out-of-State	1,988	2,151	2,029	1,671	1,470	1,624	2,141	2,538	2,716	2,399
Total Anglers	4,072	4,085	3,849	3,222	3,008	3,216	3,859	4,351	4,365	3,813

Recreational Fishing Effort by Mode (thousands of angler trips)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
For-Hire	565	612	571	573	461	536	699	684	694	786
Private	9,382	10,005	10,145	8,623	8,160	7,520	7,865	8,328	8,115	6,997
Shore	6,721	6,319	6,782	6,482	5,645	5,845	6,216	6,937	6,370	5,643
Total Trips	16,667	16,936	17,497	15,677	14,266	13,901	14,780	15,949	15,179	13,425

Harvest (H) & Release (R) of Key Species/Species Groups (thousands of fish)[2]

		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Common snook	H	25	35	25	14	0	< 1	< 1	33	14	21
	R	1,391	1,591	1,595	1,924	600	747	1,040	1,547	1,578	2,119
Drum (sand and silver seatrouts)	H	434	1,120	746	893	410	865	1,415	706	578	396
	R	409	598	584	460	210	294	742	239	122	206
Drum (spotted seatrout)	H	1,616	1,514	1,543	1,371	1,115	1,475	1,626	1,406	1,340	1,295
	R	9,457	10,059	9,584	7,672	8,470	11,382	10,920	7,759	7,936	7,342
Gag	H	357	285	434	203	232	98	132	213	105	96
	R	1,875	2,676	4,077	2,724	2,018	1,158	981	1,170	818	483
Gray snapper	H	663	1,047	1,393	1,176	560	419	948	1,482	1,933	1,449
	R	2,848	4,289	5,690	3,014	1,858	2,240	3,126	5,136	7,519	5,706
King mackerel	H	343	271	184	453	172	127	180	205	306	252
	R	392	85	155	138	81	47	62	87	118	73
Mullets[3]	H	1,297	613	1,238	656	966	857	1,549	1,641	1,480	1,096
	R	100	183	143	191	73	106	88	224	319	204
Porgies (sheepshead)	H	623	591	557	681	455	607	628	524	895	589
	R	943	894	855	808	1,246	1,275	1,177	1,084	1,535	902
Red drum	H	376	412	457	225	240	287	414	364	389	504
	R	2,828	2,558	2,561	1,440	1,992	2,895	2,299	2,197	2,647	3,428
Spanish mackerel	H	1,672	1,205	1,754	1,392	1,284	1,155	1,215	1,970	1,566	1,033
	R	2,767	2,065	1,988	1,546	2,360	1,780	1,219	3,017	2,724	920

[1] Data is not available because all West Florida residents are considered coastal county residents.
[2] In this table, '<1' = 0-999 fish and '1' = 1,000-1,499 fish.
[3] Mullets encompass species within the mullet genus, including striped mullets.

2014 West Florida State Economy (% of national total)[1,5]

	#Establishments	#Employees	Annual Payroll ($ billions)	Employee Compensation ($ billions)	Gross State Product ($ billions)	Commercial Fishing Location Quotient[2]
Totals	519,875 (6.9%)	7,441,584 (6.1%)	312.96 (5.3%)	461.48 (5%)	838.94 (4.9%)	1.01

Seafood Sales & Processing - Non-Employer Firms (thousands of dollars)

		2006	2007	2008	2009	2010	2011	2012	2013	2014
Seafood product prep. & packaging	Firms	174	173	202	217	280	294	307	300	315
	Receipts	10,184	10,497	11,065	12,473	14,635	14,618	17,557	17,214	22,329
Seafood sales, retail	Firms	251	319	331	316	361	362	383	338	346
	Receipts	20,708	27,557	26,087	25,667	27,964	29,037	30,765	25,332	26,433

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

		2006	2007	2008	2009	2010	2011	2012	2013	2014
Seafood product prep. & packaging	Establishments	22	20	23	25	27	24	27	25	27
	Employees	1,704	1,748	1,637	1,143	1,269	1,095	1,608	1,374	1,419
	Payroll	62,801	58,233	53,455	46,235	45,772	42,612	51,735	50,003	50,556
Seafood sales, wholesale	Establishments	259	267	229	215	229	250	226	234	233
	Employees	2,091	2,308	1,913	1,762	1,747	1,913	1,957	1,878	1,974
	Payroll	73,897	85,019	75,203	72,159	70,889	77,115	75,945	79,266	83,964
Seafood sales, retail	Establishments	173	169	168	158	145	145	151	165	166
	Employees	936	989	991	885	865	849	945	909	1,037
	Payroll	19,513	20,595	21,604	21,182	20,783	20,158	21,577	23,476	25,844

Transport, Support, & Marine Operations - Employer Establishments (thousands of dollars)[3,4]

		2006	2007	2008	2009	2010	2011	2012	2013	2014
Coastal & Great Lakes freight transportation	Establishments	54	47	42	42	50	54	60	47	62
	Employees	1,217	1,242	1,106	972	709	753	1,381	1,050	1,743
	Payroll	91,638	94,429	50,115	37,774	50,217	53,341	100,402	82,078	175,366
Deep sea freight transportation	Establishments	73	69	57	58	61	65	75	69	77
	Employees	3,729	3,190	2,486	2,801	2,279	2,374	3,345	2,485	2,015
	Payroll	226,810	208,144	169,055	180,139	159,025	177,386	231,887	140,564	131,069
Deep sea passenger transportation	Establishments	37	34	31	33	29	29	39	31	28
	Employees	9,077	ds	ds	ds	ds	ds	ds	ds	ds
	Payroll	571,590	ds	ds	ds	ds	ds	ds	ds	ds
Marinas	Establishments	513	493	442	428	430	411	432	444	464
	Employees	5,494	4,935	5,024	4,665	4,439	4,657	4,918	5,076	5,421
	Payroll	146,390	148,592	151,677	132,955	133,017	142,997	148,573	145,265	168,185
Marine cargo handling	Establishments	66	53	56	59	55	64	43	58	61
	Employees	7,266	6,585	8,052	7,288	7,547	7,484	4,598	6,258	6,992
	Payroll	189,020	173,788	192,473	185,309	191,560	195,458	86,461	188,997	179,024
Navigational services to shipping	Establishments	142	145	147	145	145	150	151	180	190
	Employees	781	1,484	894	829	980	1,047	853	1,390	878
	Payroll	48,370	61,470	56,917	60,641	76,853	75,561	68,366	130,893	74,185
Port & harbor operations	Establishments	27	29	40	32	34	32	66	61	56
	Employees	584	459	712	527	470	377	2,082	555	588
	Payroll	19,417	12,872	24,668	19,006	20,525	16,879	72,554	25,439	20,647
Ship & boat building	Establishments	301	296	297	261	248	246	258	259	263
	Employees	12,385	12,332	12,419	8,221	7,363	7,909	8,621	8,813	9,608
	Payroll	427,888	469,382	442,096	296,537	302,909	325,942	374,831	390,853	448,514

[1] All data presented on this page are for the entire state of Florida, not just West Florida.
[2] The U.S. Commercial Fishing Location Quotient (CFLQ) is 1. A CFLQ greater than 1 indicates that more commercial fishing occurs in this state than the national average. A CFLQ less than 1 indicates that les commercial fishing occurs in this state than the national average.
[3] ds = these data are suppressed.
[4] NA = not applicable.
[5] Census Bureau data for the Marine Economy section of this report is available only through 2014.

Tables | Louisiana

2015 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	32,015	1,839,750	673,344	920,809	30,635	1,601,577	623,704	838,255
Commercial Harvesters	12,922	695,222	240,049	349,394	12,922	695,222	240,049	349,394
Seafood Processors & Dealers	1,863	175,803	68,190	86,980	1,764	166,401	64,544	82,328
Importers	619	191,492	30,690	58,375	0	0	0	0
Seafood Wholesalers & Distributors	970	118,231	40,278	52,137	858	104,610	35,638	46,131
Retail	15,641	659,002	294,136	373,923	15,092	635,343	283,474	360,402

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

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Total Revenue	278,292	289,288	275,701	286,993	233,559	324,123	291,721	399,433	487,435	373,682
Finfish & Other	60,740	65,201	64,118	62,632	56,912	102,097	85,093	103,919	98,773	109,672
Shellfish	217,552	224,087	211,582	224,361	176,647	222,026	206,628	295,514	388,662	264,010
Key Species										
Blue crab	32,605	35,044	32,203	37,301	30,325	36,784	38,196	51,568	66,706	58,069
Crawfish	1,290	9,034	9,507	15,547	13,971	9,914	4,998	16,490	16,088	6,851
King mackerel	1,112	1,298	1,307	1,184	1,149	1,594	1,475	1,517	2,414	2,006
Menhaden	36,441	41,368	45,768	42,555	43,331	82,881	60,934	80,262	72,844	85,322
Mullets	2,061	690	749	73	185	775	976	626	893	418
Oysters	35,999	40,148	39,009	50,950	24,986	41,652	37,832	44,872	67,482	85,090
Red snapper	4,472	2,529	2,038	2,185	2,311	2,261	2,434	4,824	6,427	6,610
Shrimp	147,652	139,842	130,854	120,555	107,362	133,670	125,587	182,579	238,382	113,990
Tunas	7,040	8,334	4,409	6,338	1,649	3,369	7,752	4,595	4,276	2,743
Vermillion snapper	762	991	819	806	399	517	598	474	700	633

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

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Total Landings	918,675	999,343	919,017	1,007,474	793,377	1,311,040	993,744	994,146	872,432	1,070,385
Finfish & Other	714,550	814,647	759,440	806,845	665,677	1,153,921	852,107	823,989	687,557	917,426
Shellfish	204,125	184,696	159,577	200,629	127,700	157,119	141,637	170,157	184,875	152,960
Key Species										
Blue crab	53,394	45,107	41,714	53,057	30,752	43,893	41,291	39,193	43,219	41,308
Crawfish	1,469	15,848	15,735	19,312	14,557	9,599	4,216	19,676	13,055	5,461
King mackerel	971	879	789	927	691	1,002	969	788	1,167	1,047
Menhaden	689,853	789,621	738,092	785,575	648,561	1,131,287	828,612	800,101	663,693	893,789
Mullets	3,361	1,375	1,503	189	362	1,385	1,385	609	1,186	692
Oysters	11,417	12,858	12,840	15,006	6,874	11,156	10,124	11,364	12,692	14,488
Red snapper	1,653	807	589	667	828	918	980	1,216	1,489	1,591
Shrimp	137,839	110,860	89,285	113,250	75,515	92,469	85,988	99,922	115,908	91,698
Tunas	2,143	2,476	1,248	2,009	490	932	2,113	1,241	1,142	661
Vermillion snapper	365	517	409	412	186	234	261	174	242	213

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

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Blue crab	0.61	0.78	0.77	0.70	0.99	0.84	0.93	1.32	1.54	1.41
Crawfish	0.88	0.57	0.60	0.81	0.96	1.03	1.19	0.84	1.23	1.25
King mackerel	1.15	1.48	1.66	1.28	1.66	1.59	1.52	1.93	2.07	1.92
Menhaden	0.05	0.05	0.06	0.05	0.07	0.07	0.07	0.10	0.11	0.10
Mullets	0.61	0.50	0.50	0.39	0.51	0.56	0.70	1.03	0.75	0.60
Oysters	3.15	3.12	3.04	3.40	3.63	3.73	3.74	3.95	5.32	5.87
Red snapper	2.71	3.13	3.46	3.28	2.79	2.46	2.48	3.97	4.32	4.15
Shrimp	1.07	1.26	1.47	1.06	1.42	1.45	1.46	1.83	2.06	1.24
Tunas	3.29	3.37	3.53	3.16	3.37	3.62	3.67	3.70	3.74	4.15
Vermillion snapper	2.09	1.92	2.00	1.95	2.15	2.21	2.30	2.73	2.89	2.97

2015 Economic Impacts of Recreational Fishing Expenditures (thousands of dollars)

		#Jobs	Sales	Income	Value Added
Trip Impacts by Fishing Mode	For-Hire	594	86,160	33,462	49,712
	Private Boat	762	106,451	27,898	51,666
	Shore	316	40,690	10,749	19,870
Total Durable Expenditures		9,382	1,052,673	402,288	663,137
Total State Economic Impacts		11,054	1,285,974	474,397	784,385

2015 Angler Trip & Durable Goods Expenditures (thousands of dollars)

Fishing Mode	Trip Expenditures	Equipment	Durable Goods Expenditures
For-Hire	50,623	Fishing Tackle	180,534
Private Boat	84,284	Other Equipment	89,811
Shore	33,908	Boat Expenses	739,239
Total	168,815	Vehicle Expenses	138,056
		Second Home Expenses	11,691
		Total Durable Expenditures	1,159,331
Total State Trip and Durable Goods Expenditures			1,328,146

Recreational Anglers by Residential Area (thousands of anglers)[1]

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Coastal	868	853	795	669	609	690	651	709	NA	NA
Non-Coastal	108	124	120	108	67	86	77	109	NA	NA
Out-of-State	198	157	170	139	120	183	165	262	NA	NA
Total Anglers	1,174	1,134	1,084	916	796	959	893	1,080	NA	NA

Recreational Fishing Effort by Mode (thousands of angler trips)[2]

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
For-Hire	187	144	179	183	79	113	115	122	131	162
Private	2,801	3,156	3,508	3,176	3,055	3,342	2,891	3,190	2,096	2,264
Shore	775	889	933	769	729	1,122	1,131	1,349	NA	NA
Total Trips	3,763	4,188	4,620	4,128	3,862	4,576	4,137	4,661	2,227	2,426

Harvest (H) & Release (R) of Key Species/Species Groups (thousands of fish)[3,4]

		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Black drum	H	368	386	543	519	398	468	424	454	217	219
	R	717	729	1,117	974	1,033	1,085	881	1,638	NA	NA
Drum (Atlantic Croaker)	H	805	683	357	471	229	606	520	829	235	208
	R	1,143	1,006	1,187	1,100	1,268	2,319	1,675	1,797	NA	NA
Drum (sand seatrout)	H	774	888	1,085	879	1,065	1,187	895	755	532	366
	R	453	541	825	854	514	1,032	679	990	NA	NA
Drum (spotted seatrout)	H	10,872	8,930	11,705	10,557	7,857	10,440	9,608	9,004	3,231	4,298
	R	9,026	7,394	9,580	7,975	5,054	5,803	6,776	9,709	NA	NA
Drum(southern kingfish)	H	89	67	74	103	41	16	110	15	4	20
	R	151	28	118	59	47	25	40	65	NA	NA
Porgies (sheepshead)	H	326	271	706	703	430	869	397	368	262	258
	R	463	287	448	473	439	188	237	477	NA	NA
Red drum	H	1,828	2,308	2,673	2,237	2,812	3,023	2,011	3,169	1,283	1,241
	R	3,321	3,455	4,075	3,733	4,111	3,195	2,871	4,676	NA	NA
Red snapper	H	173	160	84	97	7	31	101	83	128	173
	R	429	285	262	195	7	108	131	224	NA	NA
Southern flounder	H	290	349	235	286	327	399	331	685	209	216
	R	54	67	37	50	72	61	98	134	NA	NA
Yellowfin tuna	H	14	8	17	3	< 1	13	25	11	14	22
	R	< 1	< 1	7	0	0	4	3	2	NA	NA

[1] Louisiana data not available for 2014 and 2015.
[2] Effort for 2015 is estimated using data from a state creel survey and does not capture shore-based effort separately from private boat effort.
[3] In this table, '<1' = 0-999 fish and '1' = 1,000-1,499 fish.
[4] Harvest and release totals for 2015 are estimated using data from a state creel survey.

2014 Louisiana State Economy (% of national total)[1]

	#Establishments	#Employees	Annual Payroll ($ billions)	Employee Compensation ($ billions)	Gross State Product ($ billions)	Commercial Fishing Location Quotient[2]
Totals	104,976 (1.4%)	1,717,797 (1.4%)	76.73 (1.3%)	117.5 (1.3%)	251.67 (1.5%)	2.14

Seafood Sales & Processing - Non-Employer Firms (thousands of dollars)

		2006	2007	2008	2009	2010	2011	2012	2013	2014
Seafood product prep. & packaging	Firms	99	85	77	68	120	94	78	99	111
	Receipts	8,179	6,523	7,365	5,308	10,358	9,308	8,492	9,136	8,632
Seafood sales, retail	Firms	181	196	182	173	197	192	184	173	177
	Receipts	20,046	20,932	25,900	17,622	16,001	18,758	16,804	17,538	17,383

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

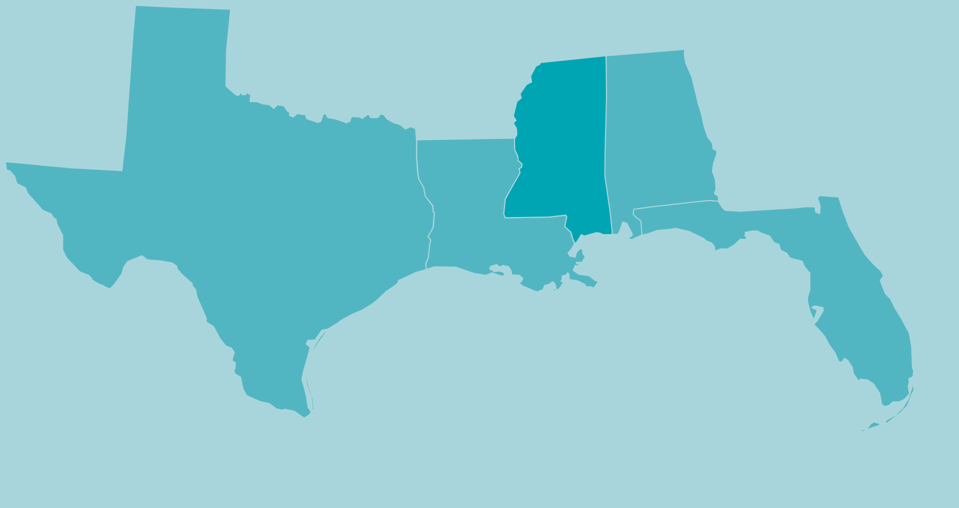
		2006	2007	2008	2009	2010	2011	2012	2013	2014
Seafood product prep. & packaging	Establishments	40	41	36	38	34	33	35	36	37
	Employees	1,506	1,253	991	1,301	1,209	1,006	1,117	964	943
	Payroll	45,439	41,391	32,382	37,657	35,770	46,440	51,237	49,339	50,881
Seafood sales, wholesale	Establishments	112	119	98	98	97	94	103	106	109
	Employees	807	954	739	702	683	767	862	846	672
	Payroll	21,243	21,604	15,858	17,261	15,554	18,427	22,296	23,235	24,107
Seafood sales, retail	Establishments	101	101	107	106	101	100	97	94	90
	Employees	759	781	681	703	527	590	704	643	562
	Payroll	10,560	11,827	11,141	11,564	11,214	11,090	13,042	11,213	10,421

Transport, Support, & Marine Operations - Employer Establishments (thousands of dollars)[3,4]

		2006	2007	2008	2009	2010	2011	2012	2013	2014
Coastal & Great Lakes freight transportation	Establishments	137	138	123	117	125	125	105	102	124
	Employees	6,397	7,680	6,506	6,077	5,610	5,834	6,422	5,317	6,275
	Payroll	386,136	527,290	549,388	391,914	405,796	417,362	497,165	458,589	556,693
Deep sea freight transportation	Establishments	24	22	18	21	16	17	18	11	19
	Employees	595	685	1,095	1,192	93	93	ds	95	ds
	Payroll	35,269	39,843	87,479	91,760	6,147	5,608	ds	5,435	ds
Deep sea passenger transportation	Establishments	2	3	2	2	1	3	2	4	4
	Employees	ds	ds	ds	ds	ds	ds	ds	3	ds
	Payroll	ds	ds	ds	ds	ds	ds	ds	363	ds
Marinas	Establishments	41	50	43	43	43	45	44	41	39
	Employees	ds	378	274	244	314	329	257	250	229
	Payroll	ds	17,794	9,581	8,989	14,716	10,771	9,209	8,693	7,276
Marine cargo handling	Establishments	51	49	39	44	41	42	37	44	49
	Employees	3,100	2,978	2,010	2,193	2,511	2,526	2,016	2,834	3,106
	Payroll	118,748	128,207	85,484	92,883	105,063	108,491	93,896	174,054	212,786
Navigational services to shipping	Establishments	129	128	145	137	138	138	136	133	137
	Employees	2,204	2,508	2,884	2,893	3,176	3,396	2,545	2,533	2,816
	Payroll	115,222	141,757	183,381	175,271	224,533	208,306	162,094	169,795	206,318
Port & harbor operations	Establishments	18	14	22	17	21	20	46	18	14
	Employees	436	467	517	440	431	461	1,205	443	ds
	Payroll	29,676	31,734	37,181	33,907	38,776	38,745	80,780	37,122	ds
Ship & boat building	Establishments	108	112	117	109	109	109	116	110	117
	Employees	11,521	12,808	12,815	12,521	11,737	11,722	10,933	7,413	8,512
	Payroll	437,028	503,199	619,606	613,188	600,259	639,047	631,098	416,319	479,243

[1] Census Bureau data for the Marine Economy section of this report is available only through 2014.
[2] The U.S. Commercial Fishing Location Quotient (CFLQ) is 1. A CFLQ greater than 1 indicates that more commercial fishing occurs in this state than the national average. A CFLQ less than 1 indicates that les commercial fishing occurs in this state than the national average.
[3] ds = these data are suppressed.
[4] NA = not applicable.

Tables | Mississippi



2015 Economic Impacts of the Mississipi Seafood Industry (thousands of dollars)

	With Imports				Without Imports			
	#Jobs	Sales	Income	Value Added	#Jobs	Sales	Income	Value Added
Total Impacts	9,490	465,361	185,978	239,711	9,485	464,680	185,834	239,474
Commercial Harvesters	1,995	107,051	33,712	48,357	1,995	107,051	33,712	48,357
Seafood Processors & Dealers	1,646	137,967	54,583	68,394	1,645	137,918	54,563	68,370
Importers	2	540	86	164	0	0	0	0
Seafood Wholesalers & Distributors	184	19,029	6,715	8,460	183	18,991	6,701	8,443
Retail	5,664	200,774	90,882	114,336	5,662	200,719	90,857	114,304

Total Landings Revenue & Landings Revenue of Key Species/Species Groups (thousands of dollars)[1]

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Total Revenue	21,586	39,340	43,696	37,956	21,895	30,291	49,335	34,971	26,017	67,471
Finfish & Other	8,959	21,359	19,233	18,667	8,963	10,527	23,172	10,938	8,102	53,743
Shellfish	12,628	17,981	24,464	19,289	12,932	19,764	26,163	24,033	17,914	13,728
Key Species										
Blue crab	928	741	447	573	366	318	724	416	997	1,209
Flounders	36	58	40	58	64	118	101	45	55	76
Menhaden	8,447	20,658	18,534	17,987	8,378	9,871	22,394	10,230	7,358	52,962
Mullets	23	35	32	30	31	56	63	61	25	12
Oysters	NA	819	6,858	6,094	4,268	928	1,596	1,544	1,685	969
Red snapper	NA	NA	NA	158	NA	168	226	NA	307	NA
Shrimp	11,699	16,418	17,146	12,612	8,293	18,514	23,844	22,073	15,232	11,550

Total Landings & Landings of Key Species/Species Groups (thousands of pounds)[1]

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Total Landings	221,720	227,834	201,822	230,255	111,229	278,075	263,641	180,600	190,556	305,858
Finfish & Other	212,213	216,375	190,191	217,461	105,274	267,407	249,382	171,000	184,393	294,723
Shellfish	9,507	11,459	11,631	12,794	5,955	10,668	14,259	9,600	6,163	11,136
Key Species										
Blue crab	1,127	737	450	545	366	370	782	359	570	798
Flounders	16	25	17	25	28	55	43	19	21	29
Menhaden	211,163	215,182	189,118	216,709	104,729	266,774	248,824	170,500	183,950	294,233
Mullets	66	70	57	62	59	93	99	95	39	21
Oysters	NA	299	2,606	2,189	1,453	247	425	336	321	182
Red snapper	NA	NA	NA	57	NA	86	115	NA	170	NA
Shrimp	8,380	10,421	8,570	10,054	4,135	10,048	13,051	8,904	5,271	10,155

Average Annual Price of Key Species/Species Groups (dollars per pound)[1]

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Blue crab	0.82	1.01	0.99	1.05	1.00	0.86	0.93	1.16	1.75	1.51
Flounders	2.22	2.38	2.36	2.34	2.33	2.14	2.33	2.38	2.66	2.61
Menhaden	0.04	0.10	0.10	0.08	0.08	0.04	0.09	0.06	0.04	0.18
Mullets	0.35	0.50	0.57	0.48	0.52	0.61	0.64	0.64	0.64	0.56
Oysters	NA	2.74	2.63	2.78	2.94	3.75	3.75	4.59	5.25	5.32
Red snapper	NA	NA	NA	2.75	NA	1.96	1.97	NA	1.81	NA
Shrimp	1.40	1.58	2.00	1.25	2.01	1.84	1.83	2.48	2.89	1.14

[1] NA = these data are confidential and therefore not disclosable.

2015 Economic Impacts of Recreational Fishing Expenditures (thousands of dollars)

		#Jobs	Sales	Income	Value Added
Trip Impacts by Fishing Mode	For-Hire	156	18,791	6,468	9,323
	Private Boat	212	24,764	6,440	10,751
	Shore	105	10,383	2,910	4,861
Total Durable Expenditures		5,038	602,469	201,815	329,250
Total State Economic Impacts		5,511	656,407	217,633	354,185

2015 Angler Trip & Durable Goods Expenditures (thousands of dollars)

Fishing Mode	Trip Expenditures	Equipment	Durable Goods Expenditures
For-Hire	11,152	Fishing Tackle	86,817
Private Boat	27,638	Other Equipment	43,870
Shore	10,660	Boat Expenses	282,097
Total	49,450	Vehicle Expenses	82,783
		Second Home Expenses	292
		Total Durable Expenditures	495,859
Total State Trip and Durable Goods Expenditures			545,309

Recreational Anglers by Residential Area (thousands of anglers)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Coastal	143	196	119	125	137	160	179	171	171	195
Non-Coastal	23	34	26	36	29	48	60	67	62	48
Out-of-State	27	55	48	50	50	60	91	101	94	114
Total Anglers	193	284	194	212	216	268	331	339	328	357

Recreational Fishing Effort by Mode (thousands of angler trips)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
For-Hire	7	21	13	11	7	11	11	11	16	42
Private	626	834	596	759	629	843	991	986	621	773
Shore	291	349	359	310	597	761	948	764	843	736
Total Trips	924	1,204	969	1,079	1,233	1,615	1,950	1,761	1,481	1,551

Harvest (H) & Release (R) of Key Species/Species Groups (thousands of fish)[1]

		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Drum (Atlantic Croaker)	H	59	72	182	340	209	453	317	330	820	328
	R	189	264	388	715	422	606	695	330	375	710
Drum (kingfishes)[2]	H	164	161	180	126	174	177	234	519	190	550
	R	31	48	57	61	47	36	157	94	32	54
Drum (sand and silver seatrouts)	H	304	296	351	1,003	986	1,336	1,151	916	891	1,406
	R	173	230	166	378	246	472	574	327	113	152
Drum (spotted seatrout)	H	470	385	608	1,090	556	841	776	1,016	415	867
	R	976	909	1,008	960	586	633	1,394	1,298	743	818
Porgies (sheepshead)	H	36	17	17	22	43	260	115	93	75	113
	R	23	11	25	9	3	24	54	65	27	492
Red drum	H	58	43	77	84	77	91	140	148	106	100
	R	99	73	153	241	213	208	853	403	515	229
Red snapper	H	7	2	9	15	1	7	27	35	6	7
	R	52	9	103	55	25	< 1	2	95	42	194
Sharks[3]	H	4	5	3	21	70	35	16	89	6	13
	R	38	43	31	36	87	38	104	75	44	12
Southern flounder	H	47	121	109	209	196	182	227	215	168	64
	R	35	31	45	120	79	99	153	159	54	57
Striped Mullet	H	2	66	79	119	188	491	396	647	602	712
	R	4	14	4	4	13	83	108	19	5	43

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

2014 Mississippi State Economy (% of national total)[1]

	#Establishments	#Employees	Annual Payroll ($ billions)	Employee Compensation ($ billions)	Gross State Product ($ billions)	Commercial Fishing Location Quotient[2]
Totals	58,541 (0.8%)	912,014 (0.8%)	32.78 (0.6%)	56.46 (0.6%)	104.75 (0.6%)	1.12

Seafood Sales & Processing - Non-Employer Firms (thousands of dollars)[3]

		2006	2007	2008	2009	2010	2011	2012	2013	2014
Seafood product prep. & packaging	Firms	22	ds	17	16	30	25	27	ds	21
	Receipts	1,537	ds	1,055	753	1,937	2,108	930	ds	1,932
Seafood sales, retail	Firms	53	57	48	56	69	51	50	54	42
	Receipts	4,021	4,126	3,437	4,206	3,421	3,505	3,957	3,855	3,129

Seafood Sales & Processing - Employer Establishments (thousands of dollars)[3]

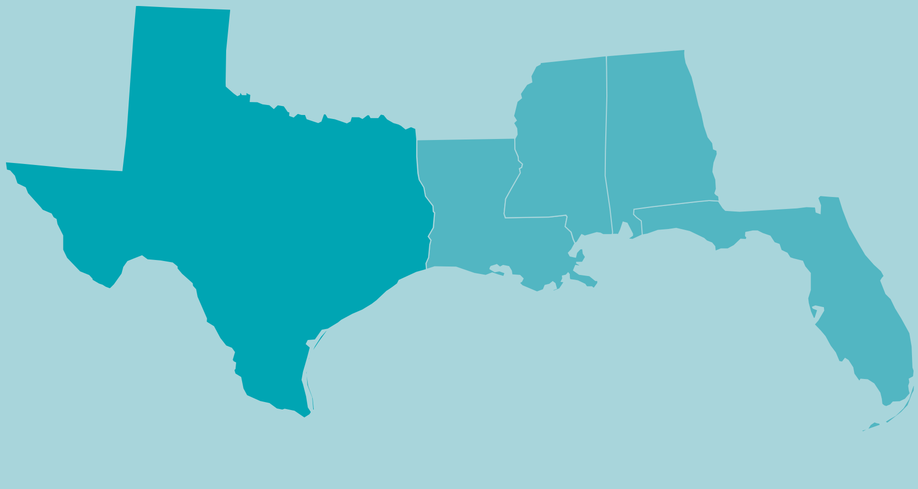
		2006	2007	2008	2009	2010	2011	2012	2013	2014
Seafood product prep. & packaging	Establishments	24	22	20	20	20	18	18	19	19
	Employees	3,353	3,022	3,062	2,796	2,849	2,464	2,368	2,284	2,289
	Payroll	60,510	60,633	61,723	61,926	61,731	52,502	55,407	59,212	57,324
Seafood sales, wholesale	Establishments	23	25	18	16	18	18	17	14	14
	Employees	58	106	61	113	ds	64	102	ds	ds
	Payroll	2,063	3,285	3,088	2,836	2,542	2,532	4,412	1,546	1,587
Seafood sales, retail	Establishments	12	15	18	14	15	17	13	13	10
	Employees	41	ds	50	46	50	58	ds	ds	ds
	Payroll	395	ds	699	841	810	838	1,902	ds	ds

Transport, Support, & Marine Operations - Employer Establishments (thousands of dollars)[3,4]

		2006	2007	2008	2009	2010	2011	2012	2013	2014
Coastal & Great Lakes freight transportation	Establishments	5	4	5	5	4	4	4	6	4
	Employees	ds	ds	119	114	ds	127	ds	230	277
	Payroll	ds	7,585	8,351	7,730	8,058	7,233	ds	17,080	16,365
Deep sea freight transportation	Establishments	3	1	0	1	1	1	2	1	1
	Employees	ds	ds	NA	ds	ds	ds	ds	ds	ds
	Payroll	ds	ds	NA	ds	ds	ds	ds	ds	ds
Deep sea passenger transportation	Establishments	1	1	0	0	0	0	0	0	0
	Employees	ds	ds	NA	NA	NA	NA	NA	NA	NA
	Payroll	ds	ds	NA	NA	NA	NA	NA	NA	NA
Marinas	Establishments	16	19	17	13	18	19	16	16	18
	Employees	ds	ds	111	172	183	189	204	154	193
	Payroll	ds	2,145	2,794	3,479	4,163	5,137	5,361	3,972	4,960
Marine cargo handling	Establishments	5	5	7	8	7	7	2	4	5
	Employees	238	ds	ds	ds	ds	ds	ds	ds	ds
	Payroll	8,621	ds	ds	ds	ds	ds	ds	ds	ds
Navigational services to shipping	Establishments	8	9	8	7	8	6	7	6	7
	Employees	ds	ds	ds	ds	141	ds	ds	ds	ds
	Payroll	ds	1,754	ds	ds	6,982	ds	ds	ds	ds
Port & harbor operations	Establishments	1	1	1	1	1	1	3	2	1
	Employees	ds	ds	ds	ds	ds	ds	ds	ds	ds
	Payroll	ds	ds	ds	ds	ds	ds	ds	ds	ds
Ship & boat building	Establishments	20	23	24	20	20	20	18	19	18
	Employees	11,909	14,578	ds	ds	ds	ds	ds	ds	ds
	Payroll	498,660	615,837	ds	ds	ds	ds	ds	ds	ds

[1] Census Bureau data for the Marine Economy section of this report is available only through 2014.
[2] The U.S. Commercial Fishing Location Quotient (CFLQ) is 1. A CFLQ greater than 1 indicates that more commercial fishing occurs in this state than the national average. A CFLQ less than 1 indicates that les commercial fishing occurs in this state than the national average.
[3] ds = these data are suppressed.
[4] NA = not applicable.

Tables | Texas



2015 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	14,829	1,016,864	361,386	509,834	14,571	966,117	351,189	492,440
Commercial Harvesters	3,882	365,913	106,918	170,617	3,882	365,913	106,918	170,617
Seafood Processors & Dealers	1,207	111,031	41,769	55,011	1,200	110,427	41,542	54,712
Importers	134	41,598	6,667	12,681	0	0	0	0
Seafood Wholesalers & Distributors	463	68,734	22,934	31,759	435	64,671	21,578	29,882
Retail	9,143	429,589	183,099	239,766	9,053	425,106	181,152	237,229

Total Landings Revenue & Landings Revenue of Key Species/Species Groups (thousands of dollars)[1]

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Total Revenue	197,291	180,575	176,098	154,530	203,795	240,566	215,083	268,537	262,605	173,419
Finfish & Other	11,359	9,452	7,709	7,488	7,888	8,445	10,231	13,361	13,709	16,086
Shellfish	185,932	171,123	168,389	147,043	195,907	232,121	204,852	255,176	248,896	157,333
Key Species										
Atlantic croaker	500	450	446	484	531	622	743	819	681	746
Black drum	2,013	1,660	1,363	1,377	1,573	1,448	1,491	1,699	1,981	2,003
Blue crab	1,459	2,763	2,342	2,454	3,134	2,845	2,878	2,331	3,050	5,133
Flounders	164	62	144	91	62	205	175	73	97	187
Groupers	671	474	606	695	389	572	774	1,168	1,156	1,483
Oysters	17,263	19,246	8,835	9,376	19,144	12,789	21,302	23,465	19,221	8,232
Red snapper	6,168	3,762	2,744	2,398	3,009	3,254	4,448	7,324	7,617	9,387
Shrimp	167,108	149,084	157,187	135,100	173,556	216,382	180,562	229,307	226,551	143,939
Tunas	0	NA	94	139	4	2	5	7	14	3
Vermillion snapper	642	1,554	1,430	1,233	1,337	1,274	1,434	659	604	920

Total Landings & Landings of Key Species/Species Groups (thousands of pounds)[1]

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Total Landings	117,131	87,912	73,048	102,351	89,721	98,857	91,438	85,127	74,687	80,356
Finfish & Other	5,825	4,800	3,866	4,134	4,247	4,224	4,225	4,872	4,842	5,362
Shellfish	111,306	83,111	69,182	98,216	85,475	94,633	87,213	80,255	69,846	74,994
Key Species										
Atlantic croaker	67	62	59	63	67	79	89	96	78	90
Black drum	2,212	1,687	1,468	1,610	1,729	1,795	1,623	1,689	1,747	1,813
Blue crab	1,966	3,454	2,635	2,844	3,436	2,893	2,853	1,902	2,234	3,924
Flounders	68	24	58	32	26	75	60	20	25	51
Groupers	236	161	188	227	156	199	227	306	281	355
Oysters	4,923	5,633	2,679	2,733	5,265	3,943	5,817	6,126	4,129	1,583
Red snapper	2,158	1,213	870	851	1,031	948	1,123	1,800	1,797	2,152
Shrimp	104,378	74,007	63,855	92,602	76,734	87,753	78,507	72,200	63,461	69,475
Tunas	0	NA	22	45	1	1	3	3	6	1
Vermillion snapper	273	672	592	561	539	465	511	234	203	307

Average Annual Price of Key Species/Species Groups (dollars per pound)[1]

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Atlantic croaker	7.43	7.29	7.58	7.64	7.98	7.84	8.31	8.55	8.77	8.28
Black drum	0.91	0.98	0.93	0.86	0.91	0.81	0.92	1.01	1.13	1.11
Blue crab	0.74	0.80	0.89	0.86	0.91	0.98	1.01	1.23	1.37	1.31
Flounders	2.42	2.55	2.48	2.84	2.37	2.75	2.94	3.55	3.89	3.65
Groupers	2.85	2.95	3.22	3.06	2.49	2.87	3.41	3.81	4.12	4.18
Oysters	3.51	3.42	3.30	3.43	3.64	3.24	3.66	3.83	4.66	5.20
Red snapper	2.86	3.10	3.15	2.82	2.92	3.43	3.96	4.07	4.24	4.36
Shrimp	1.60	2.01	2.46	1.46	2.26	2.47	2.30	3.18	3.57	2.07
Tunas	0.69	NA	4.26	3.08	3.19	1.82	1.83	2.10	2.29	2.43
Vermillion snapper	2.35	2.31	2.42	2.20	2.48	2.74	2.81	2.81	2.98	3.00

[1] NA = these data are confidential thus not disclosable.

2015 Economic Impacts of Recreational Fishing Expenditures (thousands of dollars)

		#Jobs	Sales	Income	Value Added
Trip Impacts by Fishing Mode	For-Hire	787	108,647	39,656	61,107
	Private Boat	1,861	249,714	75,009	136,251
	Shore	2,281	274,748	85,859	154,546
Total Durable Expenditures		10,439	1,304,644	525,555	850,396
Total State Economic Impacts		15,368	1,937,753	726,079	1,202,300

2015 Angler Trip & Durable Goods Expenditures (thousands of dollars)[1]

Fishing Mode	Trip Expenditures	Equipment	Durable Goods Expenditures
For-Hire	57,976	Fishing Tackle	249,065
Private Boat	158,247	Other Equipment	145,510
Shore	173,452	Boat Expenses	491,516
Total	389,675	Vehicle Expenses	395,121
		Second Home Expenses	39,278
		Total Durable Expenditures	1,320,490
Total State Trip and Durable Goods Expenditures			1,710,165

Harvest (H) of Key Species Species Groups (thousands of fish)[2]

		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Black drum	H	73	66	82	98	165	129	257	150	139	128
Drum (Atlantic Croaker)	H	101	95	64	117	125	157	157	152	117	214
Drum (sand seatrout)	H	129	95	152	111	127	227	177	151	147	110
Drum (spotted seatrout)	H	987	916	917	810	732	1,137	810	796	590	825
King mackerel	H	29	11	8	16	6	9	9	10	13	9
Porgies (sheepshead)	H	78	46	46	34	49	57	143	84	39	51
Red drum	H	318	289	266	285	264	347	323	269	247	241
Red snapper	H	69	45	41	31	33	36	34	48	40	50
Southern flounder	H	64	49	64	47	30	92	96	92	71	85

[1] 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 2013 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.
[2] 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. Data on the number of fish released are not reported by TPWD. Please see the TPWD for more information: www.tpwd.state.tx.us/fishboat/.

2014 Texas State Economy (% of national total)[1]

	#Establishments	#Employees	Annual Payroll ($ billions)	Employee Compensation ($ billions)	Gross State Product ($ billions)	Commercial Fishing Location Quotient[2]
Totals	557,721 (7.4%)	9,920,214 (8.2%)	501.46 (8.4%)	764.03 (8.3%)	1,641.04 (9.5%)	0.24

Seafood Sales & Processing - Non-Employer Firms (thousands of dollars)

		2006	2007	2008	2009	2010	2011	2012	2013	2014
Seafood product prep. & packaging	Firms	109	94	85	82	99	119	123	123	128
	Receipts	2,974	5,386	3,466	3,858	3,224	5,734	6,675	7,484	6,706
Seafood sales, retail	Firms	141	182	188	196	184	171	194	173	199
	Receipts	18,355	17,442	18,204	13,177	12,124	13,433	14,891	15,094	15,160

Seafood Sales & Processing - Employer Establishments (thousands of dollars)[3]

		2006	2007	2008	2009	2010	2011	2012	2013	2014
Seafood product prep. & packaging	Establishments	21	26	27	24	22	24	22	30	32
	Employees	1,155	1,207	1,169	1,026	1,184	1,273	1,248	1,026	1,062
	Payroll	24,302	27,813	27,045	29,006	24,961	26,425	27,737	27,638	28,643
Seafood sales, wholesale	Establishments	92	104	69	75	77	82	71	75	89
	Employees	897	970	734	683	715	723	603	729	816
	Payroll	28,586	51,597	24,498	23,650	23,879	26,356	25,309	30,370	35,553
Seafood sales, retail	Establishments	58	62	60	51	52	50	60	60	59
	Employees	207	189	206	189	199	ds	ds	331	395
	Payroll	3,229	3,703	3,403	3,393	3,742	4,090	6,102	6,891	8,201

Transport, Support, & Marine Operations - Employer Establishments (thousands of dollars)[3,4]

		2006	2007	2008	2009	2010	2011	2012	2013	2014
Coastal & Great Lakes freight transportation	Establishments	45	43	42	43	48	48	39	42	48
	Employees	2,270	2,513	2,815	2,729	1,909	1,764	1,814	2,253	2,227
	Payroll	107,328	131,946	251,997	200,219	161,080	177,549	174,686	207,831	215,950
Deep sea freight transportation	Establishments	40	41	35	36	30	39	40	33	33
	Employees	751	920	514	802	764	860	742	ds	790
	Payroll	41,969	49,761	40,764	61,309	63,408	71,515	65,818	44,902	55,106
Deep sea passenger transportation	Establishments	3	4	3	2	1	1	0	2	2
	Employees	ds	ds	ds	ds	ds	ds	NA	ds	ds
	Payroll	ds	ds	ds	ds	ds	ds	NA	ds	ds
Marinas	Establishments	150	141	143	131	148	144	132	124	128
	Employees	ds	1,200	1,486	1,423	1,198	1,233	1,169	1,258	1,222
	Payroll	ds	28,359	34,039	33,803	33,968	34,928	34,711	36,461	36,776
Marine cargo handling	Establishments	64	62	55	57	54	55	42	48	53
	Employees	5,349	6,237	6,313	6,276	5,262	5,259	4,373	6,390	7,451
	Payroll	161,386	186,416	196,006	167,562	166,877	153,360	130,817	272,286	327,690
Navigational services to shipping	Establishments	84	90	99	95	87	91	91	89	93
	Employees	1,373	1,709	1,884	1,849	1,606	1,448	1,676	1,485	1,588
	Payroll	98,244	125,061	137,962	137,289	132,283	113,444	124,500	130,572	139,259
Port & harbor operations	Establishments	16	15	24	30	29	26	37	27	25
	Employees	112	98	ds	421	ds	439	1,381	630	387
	Payroll	4,992	5,163	10,538	13,778	18,627	18,842	55,470	25,229	13,544
Ship & boat building	Establishments	90	96	102	99	97	91	89	87	88
	Employees	3,515	4,810	5,368	3,891	3,386	2,773	5,601	5,686	5,178
	Payroll	170,308	210,275	235,190	158,261	147,492	153,077	310,230	297,248	306,571

National Overview | North Pacific | Pacific | Western Pacific | New England | Mid-Atlantic | South Atlantic | Gulf of Mexico

[1] Census Bureau data for the Marine Economy section of this report is available only through 2014.
[2] The U.S. Commercial Fishing Location Quotient (CFLQ) is 1. A CFLQ greater than 1 indicates that more commercial fishing occurs in this state than the national average. A CFLQ less than 1 indicates that les commercial fishing occurs in this state than the national average.
[3] ds = these data are suppressed.
[4] NA = not applicable.