

# News Release

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BEA 21-26

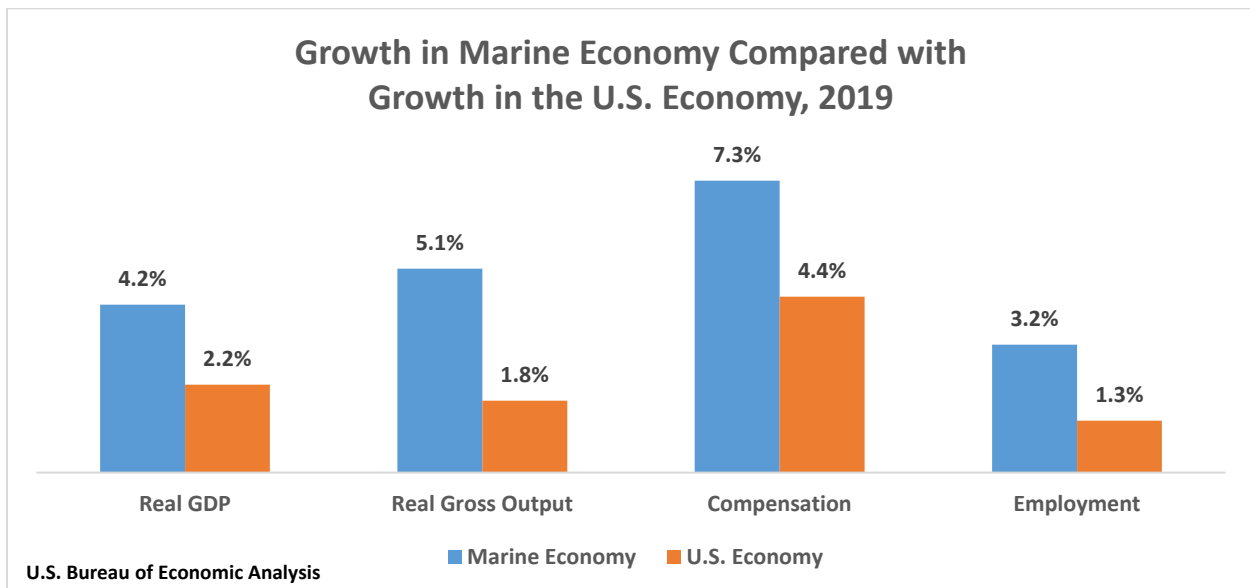
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## Marine Economy Satellite Account, 2014-2019

*Marine economy accounted for 1.9 percent of GDP in 2019*

The first official Marine Economy Satellite Account statistics released today by the U.S. Bureau of Economic Analysis show that the marine economy accounted for 1.9 percent, or \$397 billion, of current-dollar U.S. gross domestic product (GDP) in 2019 (table 11).

The new statistics show that inflation-adjusted (real) GDP for the marine economy grew 4.2 percent in 2019, faster than the 2.2 percent growth for the overall U.S. economy (table 14). Real gross output, compensation, and employment also all grew faster in the marine economy than in the overall economy in 2019.

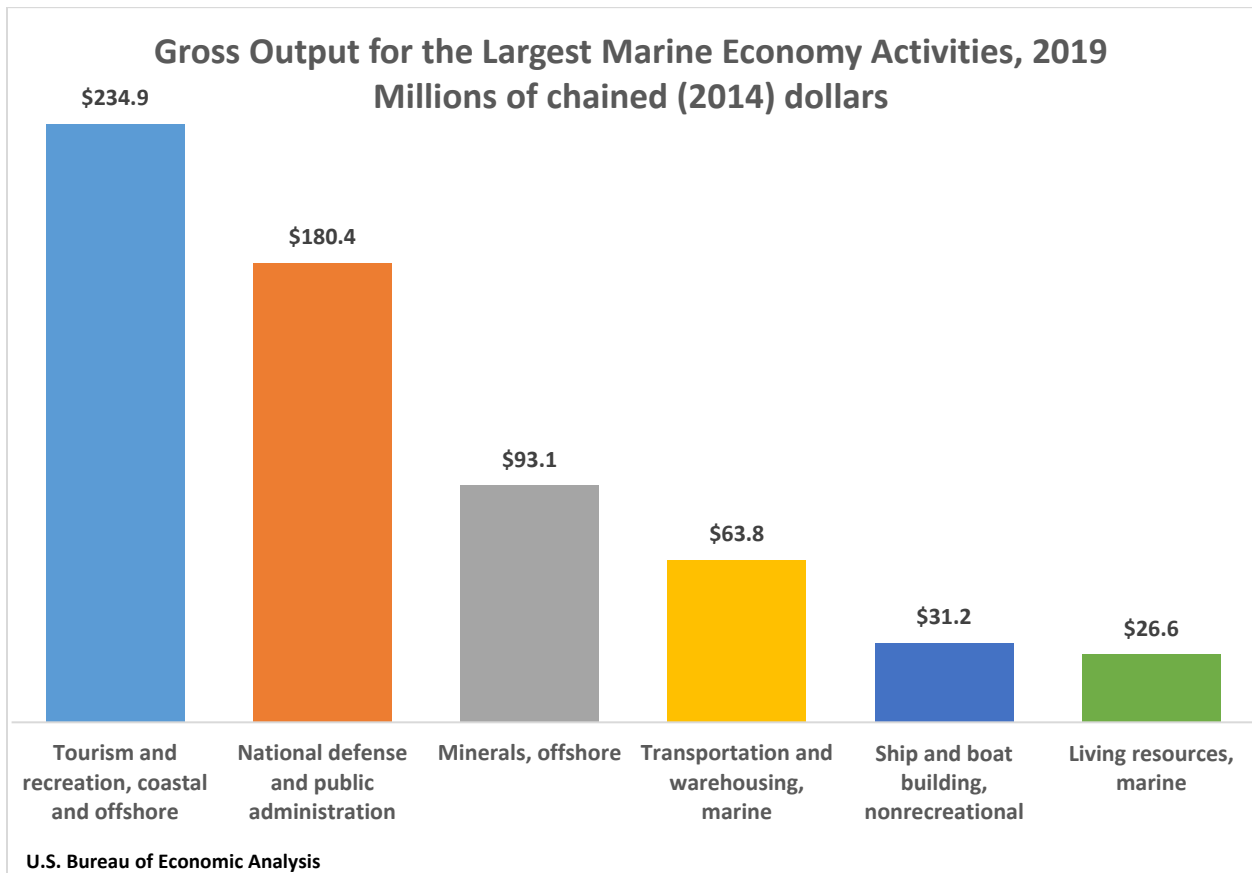


This official release updates BEA's prototype estimates of current-dollar gross output, value added, employment, and compensation for the marine economy from 2014-2018, released last year. It also introduces inflation-adjusted (real) estimates of gross output and value added (GDP) by both industry and activity for the marine economy.

The statistics released today are updated to include refinements in methodology and presentation incorporated by BEA after receiving public feedback to the prototype statistics released June 2, 2020. The Marine Economy Satellite Account is the latest addition in a series of satellite accounts complementing BEA’s statistics. These satellite accounts do not change BEA’s core statistics, such as GDP. They provide greater detail and allow closer analysis of a specific area of the economy by extracting information embedded in the core economic statistics.

### Marine Economy by Activity

In the Marine Economy Satellite Account, gross output—principally a measure of sales or receipts associated with the marine economy—is presented both by industry and by marine economy activity. Marine economy activities fall into ten general categories. In 2019, tourism and recreation (including activities such as coastal trips and travel, offshore boating, and offshore recreational fishing) accounted for 35.3 percent of marine economy gross output; national defense and public administration accounted for 27.1 percent; and minerals, offshore (including offshore oil and gas), accounted for 14.0 percent (table 20).



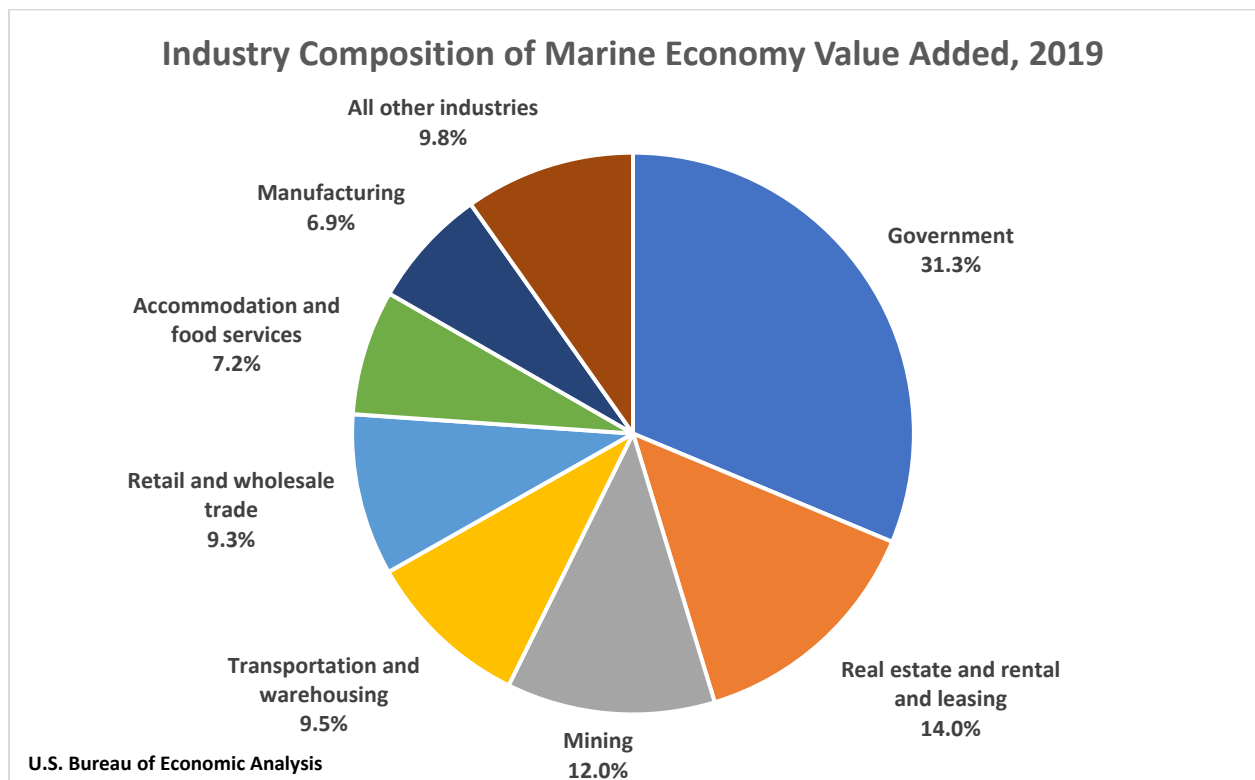
- Tourism and recreation was the largest marine economy activity in 2019, accounting for \$234.9 billion of gross output.

- Nonrecreational ship and boat building accounted for \$31.2 billion of gross output in 2019. This activity increased \$8.5 billion (37.2 percent) from the previous year, making it one of the fastest-growing marine economy activities.
- Marine transportation and warehousing accounted for \$63.8 billion, or 9.6 percent, of gross output in 2019.

### Marine Economy by Industry

Marine economy value added is presented by industry, which shows how an industry’s participation in the marine economy contributes to GDP. For example, the data show that the government sector was the largest contributor to the marine economy in 2019, accounting for 31.3 percent (\$124.3 billion) of all marine economy activity (table 10). Government was also the largest industry sector for compensation (\$76.0 billion) and for employment (647,000).

- Real estate and rental and leasing had the second largest contribution to the marine economy, accounting for \$55.5 billion of value added.
- Transportation and warehousing was the second-largest industry for compensation (\$21.3 billion), with 43.3 percent of this value coming from the category “other transportation and support activities” which includes scenic and sightseeing transportation.
- Accommodation and food services was the second-largest industry for employment (464,000) in 2019.



### **Preparing the Marine Economy Satellite Account**

The Marine Economy Satellite Account (MESA) measures the economic activity associated with the marine economy, identifies the industries responsible for producing these goods and services, and measures the output, value added, compensation, and employment associated with that production. Like other satellite accounts, the MESA was built on BEA's comprehensive supply-use framework. The supply-use tables provide a detailed look at the relationships among industries and how each industry contributes to gross domestic product (GDP). In practice, the MESA is a rearrangement of the published supply-use tables that isolates marine-related spending and production. A variety of private and public data sources were used to identify marine-related spending and production in order to develop the MESA estimates.

An important feature of the MESA is the presentation of estimates of gross output and value added by marine economic activity, in addition to the traditional presentation of estimates by industry. This allows for the marine economy to be better analyzed in areas where significant economic activity occurs across a variety of traditional industries. For example, the marine tourism and recreation activity spans a variety of traditional industries which can create difficulties when attempting to analyze the magnitude and growth of marine tourism and recreation. By presenting the statistics by activity, the MESA allows for a more focused examination of marine economic activity in the United States.

The geographic scope of the MESA includes the Atlantic, Pacific, and Arctic Oceans within the Exclusive Economic Zone (approximately 200 nautical miles off the U.S. coast) as well as marginal seas such as the Gulf of Mexico, Chesapeake Bay, Puget Sound, Long Island Sound, San Francisco Bay, and others. Also included is the U.S. shoreline directly along these bodies of water. Furthermore, the Great Lakes are included up to the international boundary with Canada.

Additional information on the marine economy statistics and the data sources and methodology that underlie their preparation are available here: <https://www.bea.gov/system/files/2021-06/defining-and-measuring-the-united-states-ocean-economy.pdf>

The Marine Economy Satellite Account was produced in partnership with the National Oceanic and Atmospheric Administration (NOAA).

## Additional Information

### Resources

- Find the latest information on the Marine Economy Satellite Account (MESA) at BEA's [marine economy page](#).
- Stay informed about BEA developments by reading the BEA [blog](#), signing up for BEA's [email subscription service](#), or following BEA on Twitter [@BEA\\_News](#).
- Access BEA data by registering for BEA's Data [application programming interface](#) (API).
- For more on BEA's statistics, see our monthly online journal, the [Survey of Current Business](#).
- BEA's [news release schedule](#)

### Definitions

**Gross domestic product** (GDP) or **value added** is the value of the goods and services produced by the nation's economy less the value of the goods and services used up in production. GDP is also equal to the sum of personal consumption expenditures, gross private domestic investment, net exports of goods and services, and government consumption expenditures and gross investment.

**Gross output** (GO) is the value of the goods and services produced by the nation's economy. It is principally measured using industry sales or receipts, including sales to final users (GDP) and sales to other industries (intermediate inputs).

**Current-dollar estimates** are valued in the prices of the period when the transactions occurred—that is, at “market value.” Also referred to as “nominal estimates” or as “current-price estimates.”

**Chained-dollar** estimates are calculated by taking the current-dollar level of a series in the base period and multiplying it by the change in the chained-type quantity index number for the series since the base period. Chained dollar estimates correctly show growth rates for a series but are not additive in periods other than the base period.

**MESA employment** consists of all full-time, part-time, and temporary wage-and-salary jobs where the workers are engaged in the production of marine economy goods and services. Self-employed individuals are excluded from employment totals.

**MESA compensation** consists of the pay to employees (including wages and salaries, and benefits such as employer contributions to pension and health funds) in return for their marine economy-related work during a given year. Pay to the self-employed is excluded from compensation but included in value added.

**MESA value added** (also referred to as GDP) consists of the value of marine economy goods and services produced less the value of expenses incurred for their production. The activity of self-employed individuals is included in value added.

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### List of News Release Tables

Table 1. Real Marine Economy Value Added by Activity

Table 2. Marine Economy Value Added by Activity

Table 3. Marine Economy Value Added by Activity as a Percentage of Gross Domestic Product

Table 4. Marine Economy Value Added by Activity as a Percentage of Total Marine Economy Value Added

Table 5. Chain-Type Quantity Indexes for Marine Economy Value Added by Activity

Table 6. Percent Changes in Chain-Type Quantity Indexes for Marine Economy Value Added by Activity

Table 7. Chain-Type Price Indexes for Marine Economy Value Added by Activity

Table 8. Percent Changes in Chain-Type Price Indexes for Marine Economy Value Added by Activity

Table 9. Real Marine Economy Value Added by Industry

Table 10. Marine Economy Value Added by Industry

- Table 11. Marine Economy Value Added by Industry as a Percentage of Gross Domestic Product
- Table 12. Marine Economy Value Added by Industry as a Percentage of Total Marine Economy Value Added
- Table 13. Chain-Type Quantity Indexes for Marine Economy Value Added by Industry
- Table 14. Percent Changes in Chain-Type Quantity Indexes for Marine Economy Value Added by Industry
- Table 15. Chain-Type Price Indexes for Marine Economy Value Added by Industry
- Table 16. Percent Changes in Chain-Type Price Indexes for Marine Economy Value Added by Industry
- Table 17. Marine Economy Compensation by Industry
- Table 18. Marine Economy Employment by Industry
- Table 19. Real Marine Economy Gross Output by Activity
- Table 20. Marine Economy Gross Output by Activity
- Table 21. Chain-Type Quantity Indexes for Marine Economy Gross Output by Activity
- Table 22. Percent Changes in Chain-Type Quantity Indexes for Marine Economy Gross Output by Activity
- Table 23. Chain-Type Price Indexes for Marine Economy Gross Output by Activity
- Table 24. Percent Changes in Chain-Type Price Indexes for Marine Economy Gross Output by Activity
- Table 25. Real Marine Economy Gross Output by Industry
- Table 26. Marine Economy Gross Output by Industry
- Table 27. Chain-Type Quantity Indexes for Marine Economy Gross Output by Industry
- Table 28. Percent Changes in Chain-Type Quantity Indexes for Marine Economy Gross Output by Industry
- Table 29. Chain-Type Price Indexes for Marine Economy Gross Output by Industry
- Table 30. Percent Changes in Chain-Type Price Indexes for Marine Economy Gross Output by Industry

**Table 1. Real Marine Economy Value Added by Activity**

[Millions of chained (2014) dollars]

Bureau of Economic Analysis

	2014	2015	2016	2017	2018	2019
<b>1 Total Marine Economy</b>	<b>369,773</b>	<b>373,258</b>	<b>369,237</b>	<b>366,091</b>	<b>369,390</b>	<b>385,051</b>
2 Living resources, marine	11,857	12,514	12,423	12,416	12,147	12,028
3 Commercial harvest, seafood markets, and processing	10,992	11,648	11,480	11,425	11,038	10,899
4 Commercial harvest and seafood markets	6,951	7,280	7,489	7,762	7,618	7,744
5 Seafood processing	4,042	4,364	4,019	3,737	3,513	3,294
6 Fish-based animal foods	59	80	84	81	79	90
7 Pharmaceuticals, marine-based	806	791	860	908	1,024	1,036
8 Construction, coastal and marine	3,134	3,121	3,494	3,196	3,299	3,694
9 Conservation	1,844	1,856	2,286	2,121	2,167	2,343
10 Dredging	105	94	97	91	105	127
11 Recreation facilities	1,185	1,171	1,109	983	1,026	1,221
12 Research and education, marine	6,079	6,436	6,511	6,466	6,288	6,613
13 Scientific research	3,666	3,932	4,082	4,077	4,182	4,493
14 National defense R&D	110	114	105	105	104	110
15 Federal nondefense R&D	1,073	1,190	1,224	1,205	1,205	1,230
16 State and local R&D	1,360	1,505	1,533	1,565	1,582	1,659
17 Nonacademic R&D	1,124	1,125	1,219	1,205	1,293	1,493
18 Educational programs and courses	2,227	2,307	2,227	2,193	1,932	1,959
19 Vocational training	142	148	156	149	147	140
20 Laboratories	44	50	53	54	48	48
21 Transportation and warehousing, marine	23,178	21,411	19,096	18,909	20,030	21,268
22 Freight transportation	15,196	14,294	13,677	12,781	12,714	12,710
23 Passenger transportation	6,602	5,713	4,119	4,518	5,464	6,610
24 Warehousing and storage	1,380	1,418	1,524	1,709	1,900	2,068
25 Professional and technical services, marine	3,186	3,467	3,565	3,301	3,419	2,979
26 Minerals, offshore	80,367	79,881	73,242	67,373	68,103	78,028
27 Oil and gas	78,687	78,262	71,566	65,387	66,114	76,296
28 Sand and gravel	1,320	1,285	1,327	1,519	1,510	1,439
29 Support services	360	335	297	284	298	236
30 Utilities, coastal	7,588	8,771	9,576	9,455	8,288	7,690
31 Traditional power generation	7,588	8,771	9,576	9,455	8,288	7,690
32 Ship and boat building, nonrecreational	6,403	7,849	10,665	9,997	10,462	12,906
33 Ship building <sup>1</sup>	5,173	6,440	9,496	8,810	9,199	11,850
34 Barges and other nonpropelled ships	115	89	80	76	77	63
35 Military ships	4,743	6,035	9,161	8,482	8,841	11,551
36 Other ships	315	319	270	264	294	255
37 Boat building <sup>2</sup>	1,230	1,411	1,204	1,215	1,291	1,125
38 Fishing boats	86	87	74	73	80	69
39 Tugboats and towboats	207	209	178	174	191	166
40 Outboard motorboats	90	133	115	112	122	89
41 Inboard motorboats	277	378	321	344	348	327
42 Other boats	570	604	516	513	552	475
43 Tourism and recreation, coastal and offshore	121,049	123,816	122,953	127,228	130,817	132,984
44 Guided tours	6,642	6,059	5,240	5,860	6,093	5,995
45 Water guided tours	4,089	3,610	2,939	3,389	3,601	3,472
46 Other scenic tours	2,553	2,449	2,300	2,471	2,492	2,522
47 Recreational fishing, offshore	2,215	2,470	3,436	3,541	3,668	3,740
48 Boating and paddling, offshore	20,171	19,863	18,744	19,655	20,410	21,121
49 Sailing	917	936	966	989	988	994
50 Motorboating	12,785	12,691	12,126	12,636	12,987	13,387
51 Canoeing	74	82	84	84	87	88
52 Kayaking	51	57	57	57	58	57
53 Other boating and paddling <sup>3</sup>	6,344	6,097	5,501	5,882	6,291	6,602
54 Other water activities <sup>4</sup>	678	764	777	775	796	782
55 Other coastal recreation	14,461	14,663	14,480	15,093	15,632	15,810
56 Maritime museums and cultural institutions	727	594	644	667	662	685
57 Beachgoing	96	94	89	94	97	94
58 Amusement parks	1,168	1,194	1,215	1,307	1,390	1,391
59 Hiking and camping	546	528	540	551	567	577
60 RVing	4,493	4,440	4,161	4,370	4,660	4,796
61 Photography	243	356	319	318	308	339
62 Other general expenses	7,187	7,465	7,515	7,779	7,920	7,893
63 Trips and travel, coastal	76,883	80,002	80,313	82,348	84,282	85,619
64 Eating and drinking places	9,896	10,255	10,428	10,667	10,800	10,900
65 Hotel and lodging places	53,679	56,048	56,312	57,344	58,368	59,135

**Table 1. Real Marine Economy Value Added by Activity**

[Millions of chained (2014) dollars]

Bureau of Economic Analysis

	2014	2015	2016	2017	2018	2019	
66	Travel arrangement services	1,251	1,355	1,416	1,518	1,615	1,657
67	Transportation services	12,057	12,344	12,147	12,848	13,580	14,043
68	National defense and public administration	106,933	105,563	105,495	103,439	101,847	104,233
69	National defense and coast guard	100,504	99,287	99,150	96,711	94,995	97,343
70	Federal public administration	6,039	5,911	5,973	6,348	6,459	6,492
71	State and local public administration	390	365	374	388	403	407

**Legend / Footnotes:**

1. Consists of government and commercial vessels built in shipyards. Vessels include (but not limited to): naval surface combatants, cargo ships, barges, oil drilling platforms, passenger ships, tugboats, research vessels, submarines, and fishing vessels.

2. Consists of government and commercial vessels not built in shipyards. Vessels include (but not limited to): commercial fishing boats, motorboats (inboard and outboard), inflatables, tour boats, sailboats, and underwater remote operated vehicles. Activity associated with the manufacture of boats and other water craft used for recreational purposes is included in tourism and recreation sector.

3. Consists of (but not limited to) hovercraft, personal watercrafts, pontoon boats, life rafts and associated expenses such as repair services, insurance, fuel, etc.

4. Consists of swimming, snorkeling, SCUBA diving, surfing, and related water activities.



**Table 2. Marine Economy Value Added by Activity**

[Millions of current dollars]

Bureau of Economic Analysis

	2014	2015	2016	2017	2018	2019
<b>1 Total Marine Economy</b>	<b>369,773</b>	<b>354,320</b>	<b>349,510</b>	<b>358,624</b>	<b>377,771</b>	<b>396,540</b>
2 Living resources, marine	11,857	12,316	12,699	12,633	13,245	13,662
3 Commercial harvest, seafood markets, and processing	10,992	11,418	11,725	11,603	12,051	12,387
4 Commercial harvest and seafood markets	6,951	6,871	7,312	7,308	7,706	7,951
5 Seafood processing	4,042	4,547	4,413	4,295	4,345	4,436
6 Fish-based animal foods	59	61	63	66	67	70
7 Pharmaceuticals, marine-based	806	837	911	964	1,127	1,205
8 Construction, coastal and marine	3,134	3,245	3,669	3,432	3,631	4,276
9 Conservation	1,844	1,944	2,393	2,258	2,352	2,686
10 Dredging	105	99	102	98	114	146
11 Recreation facilities	1,185	1,203	1,174	1,077	1,166	1,445
12 Research and education, marine	6,079	6,508	6,618	6,716	6,752	7,267
13 Scientific research	3,666	3,908	4,041	4,120	4,396	4,832
14 National defense R&D	110	113	106	106	108	117
15 Federal nondefense R&D	1,073	1,187	1,263	1,263	1,310	1,382
16 State and local R&D	1,360	1,453	1,457	1,510	1,583	1,664
17 Nonacademic R&D	1,124	1,156	1,215	1,241	1,395	1,669
18 Educational programs and courses	2,227	2,396	2,357	2,372	2,137	2,223
19 Vocational training	142	153	166	166	166	159
20 Laboratories	44	51	55	58	52	53
21 Transportation and warehousing, marine	23,178	23,778	22,436	23,022	24,710	26,023
22 Freight transportation	15,196	15,552	14,624	14,843	15,735	16,479
23 Passenger transportation	6,602	6,778	6,249	6,372	6,876	7,296
24 Warehousing and storage	1,380	1,449	1,564	1,807	2,099	2,249
25 Professional and technical services, marine	3,186	3,530	3,635	3,352	3,453	3,119
26 Minerals, offshore	80,367	53,578	44,355	46,964	54,171	57,398
27 Oil and gas	78,687	52,071	42,886	45,183	52,303	55,672
28 Sand and gravel	1,320	1,157	1,151	1,468	1,531	1,450
29 Support services	360	350	318	312	337	276
30 Utilities, coastal	7,588	8,178	7,897	7,739	7,825	7,984
31 Traditional power generation	7,588	8,178	7,897	7,739	7,825	7,984
32 Ship and boat building, nonrecreational	6,403	7,961	10,783	9,892	10,038	12,242
33 Ship building <sup>1</sup>	5,173	6,497	9,502	8,644	8,752	11,082
34 Barges and other nonpropelled ships	115	89	78	73	71	65
35 Military ships	4,743	6,070	9,136	8,300	8,404	10,776
36 Other ships	315	338	289	271	277	241
37 Boat building <sup>2</sup>	1,230	1,464	1,281	1,249	1,286	1,160
38 Fishing boats	86	93	79	75	75	66
39 Tugboats and towboats	207	222	190	179	180	157
40 Outboard motorboats	90	136	121	113	127	101
41 Inboard motorboats	277	383	343	358	368	362
42 Other boats	570	631	550	525	536	475
43 Tourism and recreation, coastal and offshore	121,049	127,745	128,888	136,464	143,890	149,361
44 Guided tours	6,642	6,392	5,739	6,484	6,912	7,073
45 Water guided tours	4,089	3,802	3,215	3,741	4,069	4,093
46 Other scenic tours	2,553	2,590	2,524	2,743	2,843	2,981
47 Recreational fishing, offshore	2,215	2,490	3,457	3,542	3,597	3,891
48 Boating and paddling, offshore	20,171	20,436	18,997	20,464	21,966	22,445
49 Sailing	917	976	1,032	1,033	1,061	1,105
50 Motorboating	12,785	13,087	12,442	13,296	14,164	14,634
51 Canoeing	74	84	88	89	94	98
52 Kayaking	51	58	59	60	62	63
53 Other boating and paddling <sup>3</sup>	6,344	6,232	5,376	5,986	6,586	6,546
54 Other water activities <sup>4</sup>	678	781	806	794	823	832
55 Other coastal recreation	14,461	14,892	14,683	15,382	15,988	16,305
56 Maritime museums and cultural institutions	727	620	688	735	745	786
57 Beachgoing	96	94	91	96	98	97
58 Amusement parks	1,168	1,272	1,382	1,555	1,692	1,792
59 Hiking and camping	546	562	560	571	606	624
60 RVing	4,493	4,573	4,236	4,594	5,033	5,097
61 Photography	243	341	281	288	282	295
62 Other general expenses	7,187	7,431	7,444	7,543	7,532	7,615
63 Trips and travel, coastal	76,883	82,755	85,206	89,798	94,605	98,816
64 Eating and drinking places	9,896	10,802	11,452	12,034	12,550	13,104
65 Hotel and lodging places	53,679	57,966	60,293	63,307	66,550	69,788

## Table 2. Marine Economy Value Added by Activity

[Millions of current dollars]

Bureau of Economic Analysis

	2014	2015	2016	2017	2018	2019	
66	Travel arrangement services	1,251	1,352	1,409	1,495	1,574	1,645
67	Transportation services	12,057	12,635	12,052	12,962	13,931	14,279
68	National defense and public administration	106,933	107,481	108,529	108,410	110,056	115,207
69	National defense and coast guard	100,504	101,222	102,118	101,406	102,662	107,589
70	Federal public administration	6,039	5,863	6,009	6,590	6,959	7,166
71	State and local public administration	390	396	403	414	435	451

### Legend / Footnotes:

1. Consists of government and commercial vessels built in shipyards. Vessels include (but not limited to): naval surface combatants, cargo ships, barges, oil drilling platforms, passenger ships, tugboats, research vessels, submarines, and fishing vessels.
2. Consists of government and commercial vessels not built in shipyards. Vessels include (but not limited to): commercial fishing boats, motorboats (inboard and outboard), inflatables, tour boats, sailboats, and underwater remote operated vehicles. Activity associated with the manufacture of boats and other water craft used for recreational purposes is included in tourism and recreation sector.
3. Consists of (but not limited to) hovercraft, personal watercrafts, pontoon boats, life rafts and associated expenses such as repair services, insurance, fuel, etc.
4. Consists of swimming, snorkeling, SCUBA diving, surfing, and related water activities.

**Table 3. Marine Economy Value Added by Activity as a Percentage of Gross Domestic Product**

[Percent]

Bureau of Economic Analysis

	2014	2015	2016	2017	2018	2019
<b>1 Total Marine Economy</b>	<b>2.1</b>	<b>1.9</b>	<b>1.9</b>	<b>1.8</b>	<b>1.8</b>	<b>1.9</b>
2 Living resources, marine	0.1	0.1	0.1	0.1	0.1	0.1
3 Commercial harvest, seafood markets, and processing	0.1	0.1	0.1	0.1	0.1	0.1
4 Commercial harvest and seafood markets	0.0	0.0	0.0	0.0	0.0	0.0
5 Seafood processing	0.0	0.0	0.0	0.0	0.0	0.0
6 Fish-based animal foods	0.0	0.0	0.0	0.0	0.0	0.0
7 Pharmaceuticals, marine-based	0.0	0.0	0.0	0.0	0.0	0.0
8 Construction, coastal and marine	0.0	0.0	0.0	0.0	0.0	0.0
9 Conservation	0.0	0.0	0.0	0.0	0.0	0.0
10 Dredging	0.0	0.0	0.0	0.0	0.0	0.0
11 Recreation facilities	0.0	0.0	0.0	0.0	0.0	0.0
12 Research and education, marine	0.0	0.0	0.0	0.0	0.0	0.0
13 Scientific research	0.0	0.0	0.0	0.0	0.0	0.0
14 National defense R&D	0.0	0.0	0.0	0.0	0.0	0.0
15 Federal nondefense R&D	0.0	0.0	0.0	0.0	0.0	0.0
16 State and local R&D	0.0	0.0	0.0	0.0	0.0	0.0
17 Nonacademic R&D	0.0	0.0	0.0	0.0	0.0	0.0
18 Educational programs and courses	0.0	0.0	0.0	0.0	0.0	0.0
19 Vocational training	0.0	0.0	0.0	0.0	0.0	0.0
20 Laboratories	0.0	0.0	0.0	0.0	0.0	0.0
21 Transportation and warehousing, marine	0.1	0.1	0.1	0.1	0.1	0.1
22 Freight transportation	0.1	0.1	0.1	0.1	0.1	0.1
23 Passenger transportation	0.0	0.0	0.0	0.0	0.0	0.0
24 Warehousing and storage	0.0	0.0	0.0	0.0	0.0	0.0
25 Professional and technical services, marine	0.0	0.0	0.0	0.0	0.0	0.0
26 Minerals, offshore	0.5	0.3	0.2	0.2	0.3	0.3
27 Oil and gas	0.4	0.3	0.2	0.2	0.3	0.3
28 Sand and gravel	0.0	0.0	0.0	0.0	0.0	0.0
29 Support services	0.0	0.0	0.0	0.0	0.0	0.0
30 Utilities, coastal	0.0	0.0	0.0	0.0	0.0	0.0
31 Traditional power generation	0.0	0.0	0.0	0.0	0.0	0.0
32 Ship and boat building, nonrecreational	0.0	0.0	0.1	0.1	0.0	0.1
33 Ship building <sup>1</sup>	0.0	0.0	0.1	0.0	0.0	0.1
34 Barges and other nonpropelled ships	0.0	0.0	0.0	0.0	0.0	0.0
35 Military ships	0.0	0.0	0.0	0.0	0.0	0.1
36 Other ships	0.0	0.0	0.0	0.0	0.0	0.0
37 Boat building <sup>2</sup>	0.0	0.0	0.0	0.0	0.0	0.0
38 Fishing boats	0.0	0.0	0.0	0.0	0.0	0.0
39 Tugboats and towboats	0.0	0.0	0.0	0.0	0.0	0.0
40 Outboard motorboats	0.0	0.0	0.0	0.0	0.0	0.0
41 Inboard motorboats	0.0	0.0	0.0	0.0	0.0	0.0
42 Other boats	0.0	0.0	0.0	0.0	0.0	0.0
43 Tourism and recreation, coastal and offshore	0.7	0.7	0.7	0.7	0.7	0.7
44 Guided tours	0.0	0.0	0.0	0.0	0.0	0.0
45 Water guided tours	0.0	0.0	0.0	0.0	0.0	0.0
46 Other scenic tours	0.0	0.0	0.0	0.0	0.0	0.0
47 Recreational fishing, offshore	0.0	0.0	0.0	0.0	0.0	0.0
48 Boating and paddling, offshore	0.1	0.1	0.1	0.1	0.1	0.1
49 Sailing	0.0	0.0	0.0	0.0	0.0	0.0
50 Motorboating	0.1	0.1	0.1	0.1	0.1	0.1
51 Canoeing	0.0	0.0	0.0	0.0	0.0	0.0
52 Kayaking	0.0	0.0	0.0	0.0	0.0	0.0
53 Other boating and paddling <sup>3</sup>	0.0	0.0	0.0	0.0	0.0	0.0
54 Other water activities <sup>4</sup>	0.0	0.0	0.0	0.0	0.0	0.0
55 Other coastal recreation	0.1	0.1	0.1	0.1	0.1	0.1
56 Maritime museums and cultural institutions	0.0	0.0	0.0	0.0	0.0	0.0
57 Beachgoing	0.0	0.0	0.0	0.0	0.0	0.0
58 Amusement parks	0.0	0.0	0.0	0.0	0.0	0.0
59 Hiking and camping	0.0	0.0	0.0	0.0	0.0	0.0
60 RVing	0.0	0.0	0.0	0.0	0.0	0.0
61 Photography	0.0	0.0	0.0	0.0	0.0	0.0
62 Other general expenses	0.0	0.0	0.0	0.0	0.0	0.0
63 Trips and travel, coastal	0.4	0.5	0.5	0.5	0.5	0.5
64 Eating and drinking places	0.1	0.1	0.1	0.1	0.1	0.1
65 Hotel and lodging places	0.3	0.3	0.3	0.3	0.3	0.3

**Table 3. Marine Economy Value Added by Activity as a Percentage of Gross Domestic Product**

[Percent]

Bureau of Economic Analysis

		2014	2015	2016	2017	2018	2019
66	Travel arrangement services	0.0	0.0	0.0	0.0	0.0	0.0
67	Transportation services	0.1	0.1	0.1	0.1	0.1	0.1
68	National defense and public administration	0.6	0.6	0.6	0.6	0.5	0.5
69	National defense and coast guard	0.6	0.6	0.5	0.5	0.5	0.5
70	Federal public administration	0.0	0.0	0.0	0.0	0.0	0.0
71	State and local public administration	0.0	0.0	0.0	0.0	0.0	0.0

**Legend / Footnotes:**

1. Consists of government and commercial vessels built in shipyards. Vessels include (but not limited to): naval surface combatants, cargo ships, barges, oil drilling platforms, passenger ships, tugboats, research vessels, submarines, and fishing vessels.
2. Consists of government and commercial vessels not built in shipyards. Vessels include (but not limited to): commercial fishing boats, motorboats (inboard and outboard), inflatables, tour boats, sailboats, and underwater remote operated vehicles. Activity associated with the manufacture of boats and other water craft used for recreational purposes is included in tourism and recreation sector.
3. Consists of (but not limited to) hovercraft, personal watercrafts, pontoon boats, life rafts and associated expenses such as repair services, insurance, fuel, etc.
4. Consists of swimming, snorkeling, SCUBA diving, surfing, and related water activities.

**Table 4. Marine Economy Value Added by Activity as a Percentage of Total Marine Economy Value Added**

[Percent]

Bureau of Economic Analysis

	2014	2015	2016	2017	2018	2019
<b>1 Total Marine Economy</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
2 Living resources, marine	3.2	3.5	3.6	3.5	3.5	3.4
3 Commercial harvest, seafood markets, and processing	3.0	3.2	3.4	3.2	3.2	3.1
4 Commercial harvest and seafood markets	1.9	1.9	2.1	2.0	2.0	2.0
5 Seafood processing	1.1	1.3	1.3	1.2	1.2	1.1
6 Fish-based animal foods	0.0	0.0	0.0	0.0	0.0	0.0
7 Pharmaceuticals, marine-based	0.2	0.2	0.3	0.3	0.3	0.3
8 Construction, coastal and marine	0.8	0.9	1.0	1.0	1.0	1.1
9 Conservation	0.5	0.5	0.7	0.6	0.6	0.7
10 Dredging	0.0	0.0	0.0	0.0	0.0	0.0
11 Recreation facilities	0.3	0.3	0.3	0.3	0.3	0.4
12 Research and education, marine	1.6	1.8	1.9	1.9	1.8	1.8
13 Scientific research	1.0	1.1	1.2	1.1	1.2	1.2
14 National defense R&D	0.0	0.0	0.0	0.0	0.0	0.0
15 Federal nondefense R&D	0.3	0.3	0.4	0.4	0.3	0.3
16 State and local R&D	0.4	0.4	0.4	0.4	0.4	0.4
17 Nonacademic R&D	0.3	0.3	0.3	0.3	0.4	0.4
18 Educational programs and courses	0.6	0.7	0.7	0.7	0.6	0.6
19 Vocational training	0.0	0.0	0.0	0.0	0.0	0.0
20 Laboratories	0.0	0.0	0.0	0.0	0.0	0.0
21 Transportation and warehousing, marine	6.3	6.7	6.4	6.4	6.5	6.6
22 Freight transportation	4.1	4.4	4.2	4.1	4.2	4.2
23 Passenger transportation	1.8	1.9	1.8	1.8	1.8	1.8
24 Warehousing and storage	0.4	0.4	0.4	0.5	0.6	0.6
25 Professional and technical services, marine	0.9	1.0	1.0	0.9	0.9	0.8
26 Minerals, offshore	21.7	15.1	12.7	13.1	14.3	14.5
27 Oil and gas	21.3	14.7	12.3	12.6	13.8	14.0
28 Sand and gravel	0.4	0.3	0.3	0.4	0.4	0.4
29 Support services	0.1	0.1	0.1	0.1	0.1	0.1
30 Utilities, coastal	2.1	2.3	2.3	2.2	2.1	2.0
31 Traditional power generation	2.1	2.3	2.3	2.2	2.1	2.0
32 Ship and boat building, nonrecreational	1.7	2.2	3.1	2.8	2.7	3.1
33 Ship building <sup>1</sup>	1.4	1.8	2.7	2.4	2.3	2.8
34 Barges and other nonpropelled ships	0.0	0.0	0.0	0.0	0.0	0.0
35 Military ships	1.3	1.7	2.6	2.3	2.2	2.7
36 Other ships	0.1	0.1	0.1	0.1	0.1	0.1
37 Boat building <sup>2</sup>	0.3	0.4	0.4	0.3	0.3	0.3
38 Fishing boats	0.0	0.0	0.0	0.0	0.0	0.0
39 Tugboats and towboats	0.1	0.1	0.1	0.0	0.0	0.0
40 Outboard motorboats	0.0	0.0	0.0	0.0	0.0	0.0
41 Inboard motorboats	0.1	0.1	0.1	0.1	0.1	0.1
42 Other boats	0.2	0.2	0.2	0.1	0.1	0.1
43 Tourism and recreation, coastal and offshore	32.7	36.1	36.9	38.1	38.1	37.7
44 Guided tours	1.8	1.8	1.6	1.8	1.8	1.8
45 Water guided tours	1.1	1.1	0.9	1.0	1.1	1.0
46 Other scenic tours	0.7	0.7	0.7	0.8	0.8	0.8
47 Recreational fishing, offshore	0.6	0.7	1.0	1.0	1.0	1.0
48 Boating and paddling, offshore	5.5	5.8	5.4	5.7	5.8	5.7
49 Sailing	0.2	0.3	0.3	0.3	0.3	0.3
50 Motorboating	3.5	3.7	3.6	3.7	3.7	3.7
51 Canoeing	0.0	0.0	0.0	0.0	0.0	0.0
52 Kayaking	0.0	0.0	0.0	0.0	0.0	0.0
53 Other boating and paddling <sup>3</sup>	1.7	1.8	1.5	1.7	1.7	1.7
54 Other water activities <sup>4</sup>	0.2	0.2	0.2	0.2	0.2	0.2
55 Other coastal recreation	3.9	4.2	4.2	4.3	4.2	4.1
56 Maritime museums and cultural institutions	0.2	0.2	0.2	0.2	0.2	0.2
57 Beachgoing	0.0	0.0	0.0	0.0	0.0	0.0
58 Amusement parks	0.3	0.4	0.4	0.4	0.4	0.5
59 Hiking and camping	0.1	0.2	0.2	0.2	0.2	0.2
60 RVing	1.2	1.3	1.2	1.3	1.3	1.3
61 Photography	0.1	0.1	0.1	0.1	0.1	0.1
62 Other general expenses	1.9	2.1	2.1	2.1	2.0	1.9
63 Trips and travel, coastal	20.8	23.4	24.4	25.0	25.0	24.9
64 Eating and drinking places	2.7	3.0	3.3	3.4	3.3	3.3
65 Hotel and lodging places	14.5	16.4	17.3	17.7	17.6	17.6

**Table 4. Marine Economy Value Added by Activity as a Percentage of Total Marine Economy Value Added**  
[Percent]

Bureau of Economic Analysis

	2014	2015	2016	2017	2018	2019
66 Travel arrangement services	0.3	0.4	0.4	0.4	0.4	0.4
67 Transportation services	3.3	3.6	3.4	3.6	3.7	3.6
68 National defense and public administration	28.9	30.3	31.1	30.2	29.1	29.1
69 National defense and coast guard	27.2	28.6	29.2	28.3	27.2	27.1
70 Federal public administration	1.6	1.7	1.7	1.8	1.8	1.8
71 State and local public administration	0.1	0.1	0.1	0.1	0.1	0.1

**Legend / Footnotes:**

1. Consists of government and commercial vessels built in shipyards. Vessels include (but not limited to): naval surface combatants, cargo ships, barges, oil drilling platforms, passenger ships, tugboats, research vessels, submarines, and fishing vessels.
2. Consists of government and commercial vessels not built in shipyards. Vessels include (but not limited to): commercial fishing boats, motorboats (inboard and outboard), inflatables, tour boats, sailboats, and underwater remote operated vehicles. Activity associated with the manufacture of boats and other water craft used for recreational purposes is included in tourism and recreation sector.
3. Consists of (but not limited to) hovercraft, personal watercrafts, pontoon boats, life rafts and associated expenses such as repair services, insurance, fuel, etc.
4. Consists of swimming, snorkeling, SCUBA diving, surfing, and related water activities.

**Table 5. Chain-Type Quantity Indexes for Marine Economy Value Added by Activity**

[index numbers, 2014 = 100]

Bureau of Economic Analysis

	2014	2015	2016	2017	2018	2019
<b>1 Total Marine Economy</b>	<b>100.000</b>	<b>100.942</b>	<b>99.855</b>	<b>99.004</b>	<b>99.897</b>	<b>104.132</b>
2 Living resources, marine	100.000	105.539	104.772	104.711	102.443	101.441
3 Commercial harvest, seafood markets, and processing	100.000	105.962	104.439	103.935	100.417	99.153
4 Commercial harvest and seafood markets	100.000	104.735	107.751	111.669	109.598	111.415
5 Seafood processing	100.000	107.963	99.423	92.457	86.921	81.486
6 Fish-based animal foods	100.000	135.912	141.706	136.258	133.400	153.024
7 Pharmaceuticals, marine-based	100.000	98.138	106.725	112.764	127.153	128.584
8 Construction, coastal and marine	100.000	99.605	111.494	101.996	105.292	117.889
9 Conservation	100.000	100.672	124.009	115.055	117.562	127.085
10 Dredging	100.000	89.788	92.328	87.144	99.710	120.568
11 Recreation facilities	100.000	98.807	93.618	82.954	86.614	103.016
12 Research and education, marine	100.000	105.862	107.096	106.358	103.424	108.778
13 Scientific research	100.000	107.231	111.331	111.199	114.050	122.547
14 National defense R&D	100.000	103.922	95.937	95.489	94.471	100.329
15 Federal nondefense R&D	100.000	110.889	114.123	112.291	112.297	114.619
16 State and local R&D	100.000	110.694	112.766	115.123	116.327	121.978
17 Nonacademic R&D	100.000	100.056	108.464	107.183	115.007	132.822
18 Educational programs and courses	100.000	103.633	100.018	98.506	86.759	87.969
19 Vocational training	100.000	104.072	109.961	105.248	103.433	98.285
20 Laboratories	100.000	112.660	118.211	122.498	107.789	108.575
21 Transportation and warehousing, marine	100.000	92.377	82.391	81.584	86.419	91.759
22 Freight transportation	100.000	94.066	90.006	84.107	83.667	83.640
23 Passenger transportation	100.000	86.537	62.391	68.430	82.767	100.116
24 Warehousing and storage	100.000	102.822	110.468	123.862	137.750	149.944
25 Professional and technical services, marine	100.000	108.791	111.879	103.584	107.303	93.493
26 Minerals, offshore	100.000	99.396	91.135	83.831	84.740	97.089
27 Oil and gas	100.000	99.459	90.950	83.097	84.021	96.961
28 Sand and gravel	100.000	97.336	100.491	115.051	114.368	109.024
29 Support services	100.000	93.067	82.558	78.920	82.742	65.606
30 Utilities, coastal	100.000	115.594	126.205	124.611	109.231	101.354
31 Traditional power generation	100.000	115.594	126.205	124.611	109.231	101.354
32 Ship and boat building, nonrecreational	100.000	122.592	166.565	156.132	163.389	201.563
33 Ship building <sup>1</sup>	100.000	124.490	183.564	170.291	177.819	229.066
34 Barges and other nonpropelled ships	100.000	77.437	69.388	66.337	66.991	54.675
35 Military ships	100.000	127.227	193.138	178.831	186.393	243.530
36 Other ships	100.000	101.082	85.817	83.801	93.392	80.823
37 Boat building <sup>2</sup>	100.000	114.746	97.900	98.842	104.991	91.495
38 Fishing boats	100.000	101.313	85.920	84.346	92.305	80.305
39 Tugboats and towboats	100.000	101.313	85.920	84.346	92.305	80.305
40 Outboard motorboats	100.000	148.482	128.558	124.814	135.872	98.887
41 Inboard motorboats	100.000	136.730	116.192	124.250	125.947	118.208
42 Other boats	100.000	105.866	90.524	90.003	96.772	83.284
43 Tourism and recreation, coastal and offshore	100.000	102.286	101.573	105.104	108.070	109.860
44 Guided tours	100.000	91.224	78.886	88.218	91.732	90.251
45 Water guided tours	100.000	88.283	71.872	82.863	88.069	84.912
46 Other scenic tours	100.000	95.928	90.095	96.784	97.608	98.796
47 Recreational fishing, offshore	100.000	111.511	155.140	159.864	165.617	168.850
48 Boating and paddling, offshore	100.000	98.476	92.924	97.442	101.186	104.713
49 Sailing	100.000	102.078	105.406	107.901	107.753	108.432
50 Motorboating	100.000	99.264	94.844	98.834	101.574	104.702
51 Canoeing	100.000	110.565	113.665	114.538	118.157	119.501
52 Kayaking	100.000	111.276	110.897	112.658	113.929	112.484
53 Other boating and paddling <sup>3</sup>	100.000	96.110	86.703	92.710	99.164	104.070
54 Other water activities <sup>4</sup>	100.000	112.804	114.652	114.289	117.440	115.425
55 Other coastal recreation	100.000	101.397	100.133	104.370	108.099	109.326
56 Maritime museums and cultural institutions	100.000	81.655	88.545	91.762	91.090	94.217
57 Beachgoing	100.000	97.634	91.938	97.561	100.833	97.285
58 Amusement parks	100.000	102.200	104.040	111.948	119.050	119.081
59 Hiking and camping	100.000	96.616	98.934	100.807	103.809	105.707
60 RVing	100.000	98.825	92.601	97.252	103.703	106.748
61 Photography	100.000	146.317	131.129	130.757	126.849	139.269
62 Other general expenses	100.000	103.861	104.562	108.228	110.191	109.824
63 Trips and travel, coastal	100.000	104.057	104.462	107.109	109.625	111.363
64 Eating and drinking places	100.000	103.626	105.381	107.795	109.137	110.148
65 Hotel and lodging places	100.000	104.413	104.905	106.827	108.735	110.163

**Table 5. Chain-Type Quantity Indexes for Marine Economy Value Added by Activity**

[index numbers, 2014 = 100]

Bureau of Economic Analysis

		2014	2015	2016	2017	2018	2019
66	Travel arrangement services	100.000	108.365	113.246	121.397	129.146	132.475
67	Transportation services	100.000	102.384	100.746	106.561	112.634	116.474
68	National defense and public administration	100.000	98.719	98.655	96.733	95.244	97.475
69	National defense and coast guard	100.000	98.789	98.652	96.226	94.518	96.855
70	Federal public administration	100.000	97.869	98.895	105.107	106.949	107.497
71	State and local public administration	100.000	93.614	95.935	99.724	103.507	104.537

**Legend / Footnotes:**

1. Consists of government and commercial vessels built in shipyards. Vessels include (but not limited to): naval surface combatants, cargo ships, barges, oil drilling platforms, passenger ships, tugboats, research vessels, submarines, and fishing vessels.
2. Consists of government and commercial vessels not built in shipyards. Vessels include (but not limited to): commercial fishing boats, motorboats (inboard and outboard), inflatables, tour boats, sailboats, and underwater remote operated vehicles. Activity associated with the manufacture of boats and other water craft used for recreational purposes is included in tourism and recreation sector.
3. Consists of (but not limited to) hovercraft, personal watercrafts, pontoon boats, life rafts and associated expenses such as repair services, insurance, fuel, etc.
4. Consists of swimming, snorkeling, SCUBA diving, surfing, and related water activities.



**Table 6. Percent Changes in Chain-Type Quantity Indexes for Marine Economy Value Added by Activity**

[Percent Change]

Bureau of Economic Analysis

	2015	2016	2017	2018	2019
<b>1 Total Marine Economy</b>	<b>0.9</b>	<b>-1.1</b>	<b>-0.9</b>	<b>0.9</b>	<b>4.2</b>
2 Living resources, marine	5.5	-0.7	-0.1	-2.2	-1.0
3 Commercial harvest, seafood markets, and processing	6.0	-1.4	-0.5	-3.4	-1.3
4 Commercial harvest and seafood markets	4.7	2.9	3.6	-1.9	1.7
5 Seafood processing	8.0	-7.9	-7.0	-6.0	-6.3
6 Fish-based animal foods	35.9	4.3	-3.8	-2.1	14.7
7 Pharmaceuticals, marine-based	-1.9	8.8	5.7	12.8	1.1
8 Construction, coastal and marine	-0.4	11.9	-8.5	3.2	12.0
9 Conservation	0.7	23.2	-7.2	2.2	8.1
10 Dredging	-10.2	2.8	-5.6	14.4	20.9
11 Recreation facilities	-1.2	-5.3	-11.4	4.4	18.9
12 Research and education, marine	5.9	1.2	-0.7	-2.8	5.2
13 Scientific research	7.2	3.8	-0.1	2.6	7.5
14 National defense R&D	3.9	-7.7	-0.5	-1.1	6.2
15 Federal nondefense R&D	10.9	2.9	-1.6	0.0	2.1
16 State and local R&D	10.7	1.9	2.1	1.0	4.9
17 Nonacademic R&D	0.1	8.4	-1.2	7.3	15.5
18 Educational programs and courses	3.6	-3.5	-1.5	-11.9	1.4
19 Vocational training	4.1	5.7	-4.3	-1.7	-5.0
20 Laboratories	12.7	4.9	3.6	-12.0	0.7
21 Transportation and warehousing, marine	-7.6	-10.8	-1.0	5.9	6.2
22 Freight transportation	-5.9	-4.3	-6.6	-0.5	0.0
23 Passenger transportation	-13.5	-27.9	9.7	21.0	21.0
24 Warehousing and storage	2.8	7.4	12.1	11.2	8.9
25 Professional and technical services, marine	8.8	2.8	-7.4	3.6	-12.9
26 Minerals, offshore	-0.6	-8.3	-8.0	1.1	14.6
27 Oil and gas	-0.5	-8.6	-8.6	1.1	15.4
28 Sand and gravel	-2.7	3.2	14.5	-0.6	-4.7
29 Support services	-6.9	-11.3	-4.4	4.8	-20.7
30 Utilities, coastal	15.6	9.2	-1.3	-12.3	-7.2
31 Traditional power generation	15.6	9.2	-1.3	-12.3	-7.2
32 Ship and boat building, nonrecreational	22.6	35.9	-6.3	4.6	23.4
33 Ship building <sup>1</sup>	24.5	47.5	-7.2	4.4	28.8
34 Barges and other nonpropelled ships	-22.6	-10.4	-4.4	1.0	-18.4
35 Military ships	27.2	51.8	-7.4	4.2	30.7
36 Other ships	1.1	-15.1	-2.3	11.4	-13.5
37 Boat building <sup>2</sup>	14.7	-14.7	1.0	6.2	-12.9
38 Fishing boats	1.3	-15.2	-1.8	9.4	-13.0
39 Tugboats and towboats	1.3	-15.2	-1.8	9.4	-13.0
40 Outboard motorboats	48.5	-13.4	-2.9	8.9	-27.2
41 Inboard motorboats	36.7	-15.0	6.9	1.4	-6.1
42 Other boats	5.9	-14.5	-0.6	7.5	-13.9
43 Tourism and recreation, coastal and offshore	2.3	-0.7	3.5	2.8	1.7
44 Guided tours	-8.8	-13.5	11.8	4.0	-1.6
45 Water guided tours	-11.7	-18.6	15.3	6.3	-3.6
46 Other scenic tours	-4.1	-6.1	7.4	0.9	1.2
47 Recreational fishing, offshore	11.5	39.1	3.0	3.6	2.0
48 Boating and paddling, offshore	-1.5	-5.6	4.9	3.8	3.5
49 Sailing	2.1	3.3	2.4	-0.1	0.6
50 Motorboating	-0.7	-4.5	4.2	2.8	3.1
51 Canoeing	10.6	2.8	0.8	3.2	1.1
52 Kayaking	11.3	-0.3	1.6	1.1	-1.3
53 Other boating and paddling <sup>3</sup>	-3.9	-9.8	6.9	7.0	4.9
54 Other water activities <sup>4</sup>	12.8	1.6	-0.3	2.8	-1.7
55 Other coastal recreation	1.4	-1.2	4.2	3.6	1.1
56 Maritime museums and cultural institutions	-18.3	8.4	3.6	-0.7	3.4
57 Beachgoing	-2.4	-5.8	6.1	3.4	-3.5
58 Amusement parks	2.2	1.8	7.6	6.3	0.0
59 Hiking and camping	-3.4	2.4	1.9	3.0	1.8
60 RVing	-1.2	-6.3	5.0	6.6	2.9
61 Photography	46.3	-10.4	-0.3	-3.0	9.8
62 Other general expenses	3.9	0.7	3.5	1.8	-0.3
63 Trips and travel, coastal	4.1	0.4	2.5	2.3	1.6
64 Eating and drinking places	3.6	1.7	2.3	1.2	0.9
65 Hotel and lodging places	4.4	0.5	1.8	1.8	1.3

**Table 6. Percent Changes in Chain-Type Quantity Indexes for Marine Economy Value Added by Activity**

[Percent Change]

Bureau of Economic Analysis

		2015	2016	2017	2018	2019
66	Travel arrangement services	8.4	4.5	7.2	6.4	2.6
67	Transportation services	2.4	-1.6	5.8	5.7	3.4
68	National defense and public administration	-1.3	-0.1	-1.9	-1.5	2.3
69	National defense and coast guard	-1.2	-0.1	-2.5	-1.8	2.5
70	Federal public administration	-2.1	1.0	6.3	1.8	0.5
71	State and local public administration	-6.4	2.5	3.9	3.8	1.0

**Legend / Footnotes:**

1. Consists of government and commercial vessels built in shipyards. Vessels include (but not limited to): naval surface combatants, cargo ships, barges, oil drilling platforms, passenger ships, tugboats, research vessels, submarines, and fishing vessels.

2. Consists of government and commercial vessels not built in shipyards. Vessels include (but not limited to): commercial fishing boats, motorboats (inboard and outboard), inflatables, tour boats, sailboats, and underwater remote operated vehicles. Activity associated with the manufacture of boats and other water craft used for recreational purposes is included in tourism and recreation sector.

3. Consists of (but not limited to) hovercraft, personal watercrafts, pontoon boats, life rafts and associated expenses such as repair services, insurance, fuel, etc.

4. Consists of swimming, snorkeling, SCUBA diving, surfing, and related water activities.

**Table 7. Chain-Type Price Indexes for Marine Economy Value Added by Activity**

[index numbers, 2014 = 100]

Bureau of Economic Analysis

	2014	2015	2016	2017	2018	2019
<b>1 Total Marine Economy</b>	<b>100.000</b>	<b>94.926</b>	<b>94.657</b>	<b>97.960</b>	<b>102.269</b>	<b>102.984</b>
2 Living resources, marine	100.000	98.423	102.225	101.753	109.046	113.584
3 Commercial harvest, seafood markets, and processing	100.000	98.028	102.133	101.556	109.175	113.649
4 Commercial harvest and seafood markets	100.000	94.388	97.637	94.149	101.160	102.675
5 Seafood processing	100.000	104.202	109.815	114.941	123.673	134.684
6 Fish-based animal foods	100.000	76.020	75.375	82.270	85.568	76.873
7 Pharmaceuticals, marine-based	100.000	105.910	105.957	106.149	110.035	116.362
8 Construction, coastal and marine	100.000	103.977	105.010	107.393	110.067	115.766
9 Conservation	100.000	104.723	104.688	106.459	108.521	114.646
10 Dredging	100.000	104.940	105.075	106.783	108.763	115.186
11 Recreation facilities	100.000	102.727	105.783	109.519	113.567	118.345
12 Research and education, marine	100.000	101.121	101.654	103.866	107.381	109.891
13 Scientific research	100.000	99.393	98.992	101.059	105.137	107.542
14 National defense R&D	100.000	98.710	100.346	100.764	104.521	106.430
15 Federal nondefense R&D	100.000	99.760	103.190	104.883	108.733	112.401
16 State and local R&D	100.000	96.522	95.002	96.482	100.077	100.324
17 Nonacademic R&D	100.000	102.736	99.652	102.983	107.908	111.757
18 Educational programs and courses	100.000	103.835	105.818	108.157	110.641	113.475
19 Vocational training	100.000	103.515	106.616	110.799	113.069	114.036
20 Laboratories	100.000	102.550	104.367	106.431	108.556	110.759
21 Transportation and warehousing, marine	100.000	111.058	117.490	121.751	123.365	122.362
22 Freight transportation	100.000	108.798	106.918	116.134	123.760	129.650
23 Passenger transportation	100.000	118.630	151.697	141.034	125.828	110.384
24 Warehousing and storage	100.000	102.136	102.629	105.769	110.475	108.714
25 Professional and technical services, marine	100.000	101.823	101.978	101.542	100.983	104.707
26 Minerals, offshore	100.000	67.071	60.559	69.707	79.542	73.561
27 Oil and gas	100.000	66.535	59.925	69.102	79.110	72.969
28 Sand and gravel	100.000	89.995	86.726	96.669	101.424	100.754
29 Support services	100.000	104.532	107.220	109.885	113.129	116.779
30 Utilities, coastal	100.000	93.241	82.466	81.854	94.419	103.817
31 Traditional power generation	100.000	93.241	82.466	81.854	94.419	103.817
32 Ship and boat building, nonrecreational	100.000	101.416	101.111	98.956	95.951	94.859
33 Ship building <sup>1</sup>	100.000	100.880	100.064	98.115	95.137	93.516
34 Barges and other nonpropelled ships	100.000	100.223	97.512	95.702	91.919	103.970
35 Military ships	100.000	100.582	99.729	97.850	95.056	93.291
36 Other ships	100.000	106.112	106.729	102.544	94.187	94.449
37 Boat building <sup>2</sup>	100.000	103.737	106.423	102.758	99.629	103.139
38 Fishing boats	100.000	106.093	106.711	102.552	94.402	94.739
39 Tugboats and towboats	100.000	106.093	106.711	102.552	94.402	94.739
40 Outboard motorboats	100.000	101.876	104.541	101.061	103.984	113.404
41 Inboard motorboats	100.000	101.145	106.559	104.086	105.702	110.631
42 Other boats	100.000	104.428	106.425	102.199	97.099	100.027
43 Tourism and recreation, coastal and offshore	100.000	103.173	104.827	107.259	109.993	112.315
44 Guided tours	100.000	105.484	109.524	110.654	113.442	117.992
45 Water guided tours	100.000	105.322	109.395	110.395	112.979	117.862
46 Other scenic tours	100.000	105.732	109.718	111.022	114.098	118.180
47 Recreational fishing, offshore	100.000	100.799	100.607	100.023	98.049	104.033
48 Boating and paddling, offshore	100.000	102.884	101.353	104.118	107.623	106.268
49 Sailing	100.000	104.269	106.841	104.461	107.351	111.129
50 Motorboating	100.000	103.119	102.603	105.222	109.067	109.315
51 Canoeing	100.000	103.019	105.115	105.213	107.979	111.549
52 Kayaking	100.000	102.099	104.363	103.682	105.920	110.015
53 Other boating and paddling <sup>3</sup>	100.000	102.207	97.737	101.782	104.686	99.145
54 Other water activities <sup>4</sup>	100.000	102.148	103.721	102.535	103.394	106.309
55 Other coastal recreation	100.000	101.562	101.403	101.915	102.275	103.133
56 Maritime museums and cultural institutions	100.000	104.378	106.878	110.115	112.474	114.706
57 Beachgoing	100.000	100.253	102.770	102.459	101.173	103.709
58 Amusement parks	100.000	106.538	113.765	118.939	121.687	128.817
59 Hiking and camping	100.000	106.556	103.718	103.679	106.803	108.127
60 RVing	100.000	102.995	101.813	105.135	108.016	106.262
61 Photography	100.000	95.717	88.176	90.500	91.539	87.010
62 Other general expenses	100.000	99.539	99.056	96.975	95.103	96.474
63 Trips and travel, coastal	100.000	103.441	106.092	109.047	112.248	115.414
64 Eating and drinking places	100.000	105.336	109.815	112.813	116.205	120.215
65 Hotel and lodging places	100.000	103.422	107.069	110.398	114.017	118.015

**Table 7. Chain-Type Price Indexes for Marine Economy Value Added by Activity**

[index numbers, 2014 = 100]

Bureau of Economic Analysis

	2014	2015	2016	2017	2018	2019
66 Travel arrangement services	100.000	99.734	99.489	98.472	97.433	99.297
67 Transportation services	100.000	102.358	99.220	100.891	102.587	101.681
68 National defense and public administration	100.000	101.817	102.876	104.806	108.060	110.529
69 National defense and coast guard	100.000	101.949	102.993	104.855	108.071	110.526
70 Federal public administration	100.000	99.191	100.600	103.818	107.738	110.384
71 State and local public administration	100.000	108.673	107.843	106.566	107.924	110.814

**Legend / Footnotes:**

1. Consists of government and commercial vessels built in shipyards. Vessels include (but not limited to): naval surface combatants, cargo ships, barges, oil drilling platforms, passenger ships, tugboats, research vessels, submarines, and fishing vessels.

2. Consists of government and commercial vessels not built in shipyards. Vessels include (but not limited to): commercial fishing boats, motorboats (inboard and outboard), inflatables, tour boats, sailboats, and underwater remote operated vehicles. Activity associated with the manufacture of boats and other water craft used for recreational purposes is included in tourism and recreation sector.

3. Consists of (but not limited to) hovercraft, personal watercrafts, pontoon boats, life rafts and associated expenses such as repair services, insurance, fuel, etc.

4. Consists of swimming, snorkeling, SCUBA diving, surfing, and related water activities.

**Table 8. Percent Changes in Chain-Type Price Indexes for Marine Economy Value Added by Activity**

[Percent Change]

Bureau of Economic Analysis

	2015	2016	2017	2018	2019
<b>1 Total Marine Economy</b>	<b>-5.1</b>	<b>-0.3</b>	<b>3.5</b>	<b>4.4</b>	<b>0.7</b>
2 Living resources, marine	-1.6	3.9	-0.5	7.2	4.2
3 Commercial harvest, seafood markets, and processing	-2.0	4.2	-0.6	7.5	4.1
4 Commercial harvest and seafood markets	-5.6	3.4	-3.6	7.4	1.5
5 Seafood processing	4.2	5.4	4.7	7.6	8.9
6 Fish-based animal foods	-24.0	-0.8	9.1	4.0	-10.2
7 Pharmaceuticals, marine-based	5.9	0.0	0.2	3.7	5.7
8 Construction, coastal and marine	4.0	1.0	2.3	2.5	5.2
9 Conservation	4.7	0.0	1.7	1.9	5.6
10 Dredging	4.9	0.1	1.6	1.9	5.9
11 Recreation facilities	2.7	3.0	3.5	3.7	4.2
12 Research and education, marine	1.1	0.5	2.2	3.4	2.3
13 Scientific research	-0.6	-0.4	2.1	4.0	2.3
14 National defense R&D	-1.3	1.7	0.4	3.7	1.8
15 Federal nondefense R&D	-0.2	3.4	1.6	3.7	3.4
16 State and local R&D	-3.5	-1.6	1.6	3.7	0.2
17 Nonacademic R&D	2.7	-3.0	3.3	4.8	3.6
18 Educational programs and courses	3.8	1.9	2.2	2.3	2.6
19 Vocational training	3.5	3.0	3.9	2.0	0.9
20 Laboratories	2.5	1.8	2.0	2.0	2.0
21 Transportation and warehousing, marine	11.1	5.8	3.6	1.3	-0.8
22 Freight transportation	8.8	-1.7	8.6	6.6	4.8
23 Passenger transportation	18.6	27.9	-7.0	-10.8	-12.3
24 Warehousing and storage	2.1	0.5	3.1	4.5	-1.6
25 Professional and technical services, marine	1.8	0.2	-0.4	-0.5	3.7
26 Minerals, offshore	-32.9	-9.7	15.1	14.1	-7.5
27 Oil and gas	-33.5	-9.9	15.3	14.5	-7.8
28 Sand and gravel	-10.0	-3.6	11.5	4.9	-0.7
29 Support services	4.5	2.6	2.5	3.0	3.2
30 Utilities, coastal	-6.8	-11.6	-0.7	15.3	10.0
31 Traditional power generation	-6.8	-11.6	-0.7	15.3	10.0
32 Ship and boat building, nonrecreational	1.4	-0.3	-2.1	-3.0	-1.1
33 Ship building <sup>1</sup>	0.9	-0.8	-1.9	-3.0	-1.7
34 Barges and other nonpropelled ships	0.2	-2.7	-1.9	-4.0	13.1
35 Military ships	0.6	-0.8	-1.9	-2.9	-1.9
36 Other ships	6.1	0.6	-3.9	-8.1	0.3
37 Boat building <sup>2</sup>	3.7	2.6	-3.4	-3.0	3.5
38 Fishing boats	6.1	0.6	-3.9	-7.9	0.4
39 Tugboats and towboats	6.1	0.6	-3.9	-7.9	0.4
40 Outboard motorboats	1.9	2.6	-3.3	2.9	9.1
41 Inboard motorboats	1.1	5.4	-2.3	1.6	4.7
42 Other boats	4.4	1.9	-4.0	-5.0	3.0
43 Tourism and recreation, coastal and offshore	3.2	1.6	2.3	2.5	2.1
44 Guided tours	5.5	3.8	1.0	2.5	4.0
45 Water guided tours	5.3	3.9	0.9	2.3	4.3
46 Other scenic tours	5.7	3.8	1.2	2.8	3.6
47 Recreational fishing, offshore	0.8	-0.2	-0.6	-2.0	6.1
48 Boating and paddling, offshore	2.9	-1.5	2.7	3.4	-1.3
49 Sailing	4.3	2.5	-2.2	2.8	3.5
50 Motorboating	3.1	-0.5	2.6	3.7	0.2
51 Canoeing	3.0	2.0	0.1	2.6	3.3
52 Kayaking	2.1	2.2	-0.7	2.2	3.9
53 Other boating and paddling <sup>3</sup>	2.2	-4.4	4.1	2.9	-5.3
54 Other water activities <sup>4</sup>	2.1	1.5	-1.1	0.8	2.8
55 Other coastal recreation	1.6	-0.2	0.5	0.4	0.8
56 Maritime museums and cultural institutions	4.4	2.4	3.0	2.1	2.0
57 Beachgoing	0.3	2.5	-0.3	-1.3	2.5
58 Amusement parks	6.5	6.8	4.5	2.3	5.9
59 Hiking and camping	6.6	-2.7	0.0	3.0	1.2
60 RVing	3.0	-1.1	3.3	2.7	-1.6
61 Photography	-4.3	-7.9	2.6	1.1	-4.9
62 Other general expenses	-0.5	-0.5	-2.1	-1.9	1.4
63 Trips and travel, coastal	3.4	2.6	2.8	2.9	2.8
64 Eating and drinking places	5.3	4.3	2.7	3.0	3.5
65 Hotel and lodging places	3.4	3.5	3.1	3.3	3.5

**Table 8. Percent Changes in Chain-Type Price Indexes for Marine Economy Value Added by Activity**

[Percent Change]

Bureau of Economic Analysis

		2015	2016	2017	2018	2019
66	Travel arrangement services	-0.3	-0.2	-1.0	-1.1	1.9
67	Transportation services	2.4	-3.1	1.7	1.7	-0.9
68	National defense and public administration	1.8	1.0	1.9	3.1	2.3
69	National defense and coast guard	1.9	1.0	1.8	3.1	2.3
70	Federal public administration	-0.8	1.4	3.2	3.8	2.5
71	State and local public administration	8.7	-0.8	-1.2	1.3	2.7

**Legend / Footnotes:**

1. Consists of government and commercial vessels built in shipyards. Vessels include (but not limited to): naval surface combatants, cargo ships, barges, oil drilling platforms, passenger ships, tugboats, research vessels, submarines, and fishing vessels.
2. Consists of government and commercial vessels not built in shipyards. Vessels include (but not limited to): commercial fishing boats, motorboats (inboard and outboard), inflatables, tour boats, sailboats, and underwater remote operated vehicles. Activity associated with the manufacture of boats and other water craft used for recreational purposes is included in tourism and recreation sector.
3. Consists of (but not limited to) hovercraft, personal watercrafts, pontoon boats, life rafts and associated expenses such as repair services, insurance, fuel, etc.
4. Consists of swimming, snorkeling, SCUBA diving, surfing, and related water activities.

**Table 9. Real Marine Economy Value Added by Industry**

[Millions of chained (2014) dollars]

Bureau of Economic Analysis

	2014	2015	2016	2017	2018	2019
1 All Industries	369,773	373,258	369,237	366,091	369,390	385,051
2 Private industries	255,472	260,267	255,697	254,797	260,216	273,552
3 Agriculture, forestry, fishing, and hunting	4,731	4,964	4,916	5,166	5,066	5,144
4 Farms	441	431	444	428	387	392
5 Forestry, fishing, and related activities	4,290	4,535	4,473	4,740	4,682	4,755
6 Mining	70,100	70,338	65,698	60,078	59,933	69,928
7 Oil and gas extraction	52,765	58,584	61,863	55,810	52,463	59,651
8 Mining, except oil and gas	674	644	743	799	807	824
9 Support activities for mining	16,661	12,731	8,226	7,819	10,132	13,279
10 Utilities	5,792	6,778	7,352	7,278	6,486	6,074
11 Construction	2,906	2,847	3,145	2,912	2,953	3,240
12 Manufacturing	23,604	24,026	24,158	23,902	25,925	28,993
13 Durable goods	11,506	12,035	13,490	12,546	13,287	15,821
14 Wood products	4	4	4	4	4	4
15 Nonmetallic mineral products	32	34	36	36	35	36
16 Primary metals	2	1	1	1	1	1
17 Fabricated metal products	110	91	59	57	58	56
18 Machinery	3,585	2,932	1,909	1,721	1,934	2,289
19 Computer and electronic products	225	296	269	258	256	276
20 Electrical equipment, appliances, and components	181	157	123	140	153	145
21 Motor vehicles, bodies and trailers, and parts	97	100	89	92	64	90
22 Other transportation equipment	6,933	8,108	10,680	9,913	10,422	12,665
23 Furniture and related products	11	9	7	7	8	7
24 Miscellaneous manufacturing	327	313	354	356	391	322
25 Nondurable goods	12,098	11,981	10,478	11,292	12,584	13,062
26 Food and beverage and tobacco products	2,011	2,229	2,033	1,581	1,377	1,240
27 Textile mills and textile product mills	91	87	91	88	90	89
28 Apparel and leather and allied products	396	375	481	393	410	437
29 Paper products	0	0	0	0	0	0
30 Printing and related support activities	1	1	1	1	1	1
31 Petroleum and coal products	8,909	8,683	7,197	8,973	10,680	11,456
32 Chemical products	645	563	554	528	581	595
33 Plastics and rubber products	44	42	36	33	34	34
34 Wholesale trade	14,665	14,257	13,205	13,276	13,470	13,575
35 Retail trade	17,619	17,798	18,347	19,172	19,726	20,254
36 Motor vehicle and parts dealers	1,883	2,175	2,389	2,547	2,501	2,697
37 Food and beverage stores	2,158	2,119	2,063	2,167	2,136	2,190
38 General merchandise stores	2,767	2,953	2,999	3,061	3,195	3,142
39 Other retail	10,811	10,569	10,928	11,427	11,924	12,249
40 Transportation and warehousing	31,745	31,126	28,702	28,686	30,104	31,439
41 Air transportation	3,355	3,639	3,899	4,054	4,187	4,163
42 Rail transportation	593	531	359	383	438	418
43 Water transportation	12,686	11,176	9,148	8,717	9,251	9,733
44 Truck transportation	2,966	3,014	2,978	3,003	2,886	2,934
45 Transit and ground passenger transportation	518	533	529	561	577	639
46 Pipeline transportation	2,188	2,783	2,849	2,907	3,195	3,283
47 Other transportation and support activities	8,522	8,536	8,051	8,109	8,462	9,012
48 Warehousing and storage	918	964	1,068	1,211	1,372	1,511
49 Information	385	405	411	395	434	478
50 Publishing industries, except internet (includes software)	102	110	126	129	148	144
51 Motion picture and sound recording industries	15	15	16	15	15	17
52 Broadcasting and telecommunications	146	148	126	102	98	114
53 Data processing, internet publishing, and other information services	121	132	145	153	179	209
54 Finance, insurance, real estate, rental, and leasing	46,631	48,497	49,435	49,694	50,616	50,873
55 Finance and insurance	3,315	3,664	3,725	3,420	3,530	3,122
56 Federal Reserve banks, credit intermediation, and related activities	51	54	54	54	48	50
57 Securities, commodity contracts, and investments	0	0	0	0	0	0
58 Insurance carriers and related activities	3,264	3,610	3,671	3,366	3,484	3,072
59 Funds, trusts, and other financial vehicles	0	0	0	0	0	0
60 Real estate and rental and leasing	43,316	44,836	45,712	46,256	47,071	47,688
61 Real estate	42,440	43,693	44,303	44,789	45,515	46,042
62 Housing	42,437	43,690	44,300	44,787	45,513	46,040
63 Other real estate	2	2	2	2	2	2
64 Rental and leasing services and lessors of intangible assets	877	1,163	1,495	1,569	1,688	1,815
65 Professional and business services	4,231	4,247	4,283	4,580	4,744	4,876
66 Professional, scientific, and technical services	1,657	1,634	1,666	1,649	1,743	1,809

**Table 9. Real Marine Economy Value Added by Industry**

[Millions of chained (2014) dollars]

Bureau of Economic Analysis

	2014	2015	2016	2017	2018	2019
67 Legal services	431	436	448	446	451	443
68 Computer systems design and related services	32	38	65	92	86	103
69 Miscellaneous professional, scientific, and technical services	1,194	1,160	1,154	1,112	1,208	1,266
70 Management of companies and enterprises	32	31	32	32	34	40
71 Administrative and waste management services	2,542	2,582	2,586	2,897	2,965	3,025
72 Administrative and support services	2,540	2,577	2,581	2,892	2,960	3,019
73 Waste management and remediation services	2	6	7	6	7	11
74 Educational services, health care, and social assistance	2,056	2,145	2,160	2,117	1,964	1,998
75 Educational services	1,956	2,034	2,024	1,978	1,825	1,854
76 Health care and social assistance	100	111	137	140	140	145
77 Ambulatory health care services	33	39	58	62	64	68
78 Hospitals	56	60	68	67	65	67
79 Nursing and residential care facilities	7	7	7	7	7	7
80 Social assistance	4	5	5	5	5	6
81 Arts, entertainment, recreation, accommodation, and food services	28,524	29,819	29,661	30,835	31,406	31,752
82 Arts, entertainment, and recreation	7,405	7,216	7,295	7,651	7,763	7,767
83 Performing arts, spectator sports, museums, and related activities	746	628	669	699	694	719
84 Amusements, gambling, and recreation industries	6,659	6,588	6,626	6,951	7,069	7,049
85 Accommodation and food services	21,119	22,603	22,367	23,186	23,644	23,983
86 Accommodation	12,458	13,617	13,231	13,828	14,175	14,435
87 Food services and drinking places	8,661	8,988	9,133	9,358	9,470	9,550
88 Other services, except government	2,485	2,546	2,541	2,561	2,538	2,525
89 Government	114,301	113,079	113,434	111,323	109,477	112,023
90 Federal	107,691	106,465	106,428	104,332	102,720	105,137
91 General government	107,637	106,413	106,377	104,281	102,665	105,080
92 National defense	98,323	97,155	96,972	94,505	92,832	95,168
93 Nondefense	9,315	9,259	9,410	9,788	9,847	9,926
94 Government enterprises	54	51	51	52	54	56
95 State and local	6,610	6,610	6,984	6,967	6,737	6,867
96 General government	3,318	3,473	3,574	3,569	3,574	3,778
97 Government enterprises	3,291	3,141	3,405	3,394	3,169	3,114



**Table 10. Marine Economy Value Added by Industry**

[Millions of current dollars]

Bureau of Economic Analysis

	2014	2015	2016	2017	2018	2019
1 All Industries	369,773	354,320	349,510	358,624	377,771	396,540
2 Private industries	255,472	238,818	232,613	241,897	259,232	272,258
3 Agriculture, forestry, fishing, and hunting	4,731	4,427	4,590	4,582	4,912	4,995
4 Farms	441	419	401	411	365	377
5 Forestry, fishing, and related activities	4,290	4,008	4,189	4,171	4,547	4,618
6 Mining	70,100	43,575	35,517	38,535	45,177	47,587
7 Oil and gas extraction	52,765	30,310	27,392	30,686	36,491	36,776
8 Mining, except oil and gas	674	500	517	690	736	719
9 Support activities for mining	16,661	12,764	7,607	7,160	7,949	10,092
10 Utilities	5,792	6,083	5,842	5,834	5,938	5,983
11 Construction	2,906	2,967	3,316	3,139	3,257	3,767
12 Manufacturing	23,604	24,019	22,750	23,042	25,444	27,471
13 Durable goods	11,506	12,383	13,841	12,679	13,116	15,672
14 Wood products	4	4	4	4	5	5
15 Nonmetallic mineral products	32	36	38	40	41	42
16 Primary metals	2	1	2	1	1	2
17 Fabricated metal products	110	98	66	63	64	66
18 Machinery	3,585	3,051	1,993	1,774	1,989	2,424
19 Computer and electronic products	225	290	251	245	250	281
20 Electrical equipment, appliances, and components	181	165	131	147	159	154
21 Motor vehicles, bodies and trailers, and parts	97	105	97	100	73	115
22 Other transportation equipment	6,933	8,297	10,908	9,939	10,134	12,195
23 Furniture and related products	11	11	9	8	9	9
24 Miscellaneous manufacturing	327	326	344	359	391	381
25 Nondurable goods	12,098	11,636	8,909	10,363	12,329	11,799
26 Food and beverage and tobacco products	2,011	2,293	2,229	1,941	1,958	2,011
27 Textile mills and textile product mills	91	91	98	92	87	87
28 Apparel and leather and allied products	396	383	494	409	430	459
29 Paper products	0	0	0	0	0	0
30 Printing and related support activities	1	1	1	1	1	1
31 Petroleum and coal products	8,909	8,206	5,398	7,236	9,083	8,421
32 Chemical products	645	617	648	647	733	779
33 Plastics and rubber products	44	44	40	37	37	40
34 Wholesale trade	14,665	14,858	14,214	14,511	14,740	15,188
35 Retail trade	17,619	18,429	19,493	20,340	20,848	21,768
36 Motor vehicle and parts dealers	1,883	2,118	2,336	2,441	2,467	2,785
37 Food and beverage stores	2,158	2,278	2,331	2,453	2,495	2,607
38 General merchandise stores	2,767	2,869	2,936	2,976	3,046	3,100
39 Other retail	10,811	11,164	11,889	12,470	12,841	13,276
40 Transportation and warehousing	31,745	33,749	32,491	33,205	35,470	37,548
41 Air transportation	3,355	3,813	4,102	4,226	4,404	4,688
42 Rail transportation	593	531	350	381	448	453
43 Water transportation	12,686	12,801	11,240	11,110	11,914	12,221
44 Truck transportation	2,966	3,200	3,206	3,244	3,339	3,487
45 Transit and ground passenger transportation	518	556	563	599	609	676
46 Pipeline transportation	2,188	2,854	3,048	3,112	3,440	3,753
47 Other transportation and support activities	8,522	9,009	8,887	9,253	9,794	10,628
48 Warehousing and storage	918	985	1,095	1,280	1,523	1,642
49 Information	385	408	417	408	450	510
50 Publishing industries, except internet (includes software)	102	110	125	128	146	144
51 Motion picture and sound recording industries	15	16	16	17	17	19
52 Broadcasting and telecommunications	146	149	136	114	113	139
53 Data processing, internet publishing, and other information services	121	133	141	149	175	208
54 Finance, insurance, real estate, rental, and leasing	46,631	49,868	52,294	54,108	56,556	58,748
55 Finance and insurance	3,315	3,700	3,778	3,442	3,524	3,208
56 Federal Reserve banks, credit intermediation, and related activities	51	54	57	58	57	59
57 Securities, commodity contracts, and investments	0	0	0	0	0	0
58 Insurance carriers and related activities	3,264	3,646	3,722	3,384	3,467	3,148
59 Funds, trusts, and other financial vehicles	0	0	0	0	0	0
60 Real estate and rental and leasing	43,316	46,168	48,516	50,666	53,032	55,540
61 Real estate	42,440	45,138	47,344	49,453	51,719	54,154
62 Housing	42,437	45,135	47,341	49,450	51,717	54,152
63 Other real estate	2	2	2	2	2	3
64 Rental and leasing services and lessors of intangible assets	877	1,030	1,172	1,214	1,313	1,385
65 Professional and business services	4,231	4,392	4,487	4,946	5,265	5,588
66 Professional, scientific, and technical services	1,657	1,698	1,720	1,762	1,938	2,088

**Table 10. Marine Economy Value Added by Industry**

[Millions of current dollars]

Bureau of Economic Analysis

	2014	2015	2016	2017	2018	2019
67 Legal services	431	453	476	493	513	525
68 Computer systems design and related services	32	39	64	94	92	113
69 Miscellaneous professional, scientific, and technical services	1,194	1,207	1,180	1,175	1,333	1,450
70 Management of companies and enterprises	32	32	32	33	36	44
71 Administrative and waste management services	2,542	2,662	2,735	3,151	3,291	3,456
72 Administrative and support services	2,540	2,660	2,733	3,148	3,288	3,453
73 Waste management and remediation services	2	2	2	3	3	3
74 Educational services, health care, and social assistance	2,056	2,198	2,261	2,282	2,168	2,254
75 Educational services	1,956	2,085	2,121	2,135	2,022	2,097
76 Health care and social assistance	100	113	140	147	146	157
77 Ambulatory health care services	33	39	57	62	61	67
78 Hospitals	56	63	71	72	73	77
79 Nursing and residential care facilities	7	7	7	8	8	8
80 Social assistance	4	4	5	5	5	6
81 Arts, entertainment, recreation, accommodation, and food services	28,524	31,209	32,228	34,097	36,027	37,731
82 Arts, entertainment, and recreation	7,405	7,583	7,903	8,258	8,648	9,000
83 Performing arts, spectator sports, museums, and related activities	746	652	714	769	782	826
84 Amusements, gambling, and recreation industries	6,659	6,932	7,189	7,489	7,866	8,174
85 Accommodation and food services	21,119	23,626	24,325	25,838	27,379	28,731
86 Accommodation	12,458	14,151	14,276	15,269	16,359	17,232
87 Food services and drinking places	8,661	9,474	10,049	10,570	11,020	11,499
88 Other services, except government	2,485	2,637	2,714	2,869	2,981	3,120
89 Government	114,301	115,502	116,896	116,727	118,539	124,282
90 Federal	107,691	108,345	109,472	109,340	111,009	116,228
91 General government	107,637	108,294	109,419	109,284	110,951	116,168
92 National defense	98,323	99,103	99,921	99,109	100,330	105,186
93 Nondefense	9,315	9,191	9,498	10,176	10,621	10,982
94 Government enterprises	54	51	53	56	58	60
95 State and local	6,610	7,156	7,424	7,387	7,531	8,054
96 General government	3,318	3,551	3,646	3,673	3,778	4,059
97 Government enterprises	3,291	3,605	3,778	3,714	3,752	3,995

**Table 11. Marine Economy Value Added by Industry as a Percentage of Gross Domestic Product**

[Percent]

Bureau of Economic Analysis

	2014	2015	2016	2017	2018	2019
1 All Industries	2.1	1.9	1.9	1.8	1.8	1.9
2 Private industries	1.5	1.3	1.2	1.2	1.3	1.3
3 Agriculture, forestry, fishing, and hunting	0.0	0.0	0.0	0.0	0.0	0.0
4 Farms	0.0	0.0	0.0	0.0	0.0	0.0
5 Forestry, fishing, and related activities	0.0	0.0	0.0	0.0	0.0	0.0
6 Mining	0.4	0.2	0.2	0.2	0.2	0.2
7 Oil and gas extraction	0.3	0.2	0.1	0.2	0.2	0.2
8 Mining, except oil and gas	0.0	0.0	0.0	0.0	0.0	0.0
9 Support activities for mining	0.1	0.1	0.0	0.0	0.0	0.0
10 Utilities	0.0	0.0	0.0	0.0	0.0	0.0
11 Construction	0.0	0.0	0.0	0.0	0.0	0.0
12 Manufacturing	0.1	0.1	0.1	0.1	0.1	0.1
13 Durable goods	0.1	0.1	0.1	0.1	0.1	0.1
14 Wood products	0.0	0.0	0.0	0.0	0.0	0.0
15 Nonmetallic mineral products	0.0	0.0	0.0	0.0	0.0	0.0
16 Primary metals	0.0	0.0	0.0	0.0	0.0	0.0
17 Fabricated metal products	0.0	0.0	0.0	0.0	0.0	0.0
18 Machinery	0.0	0.0	0.0	0.0	0.0	0.0
19 Computer and electronic products	0.0	0.0	0.0	0.0	0.0	0.0
20 Electrical equipment, appliances, and components	0.0	0.0	0.0	0.0	0.0	0.0
21 Motor vehicles, bodies and trailers, and parts	0.0	0.0	0.0	0.0	0.0	0.0
22 Other transportation equipment	0.0	0.0	0.1	0.1	0.0	0.1
23 Furniture and related products	0.0	0.0	0.0	0.0	0.0	0.0
24 Miscellaneous manufacturing	0.0	0.0	0.0	0.0	0.0	0.0
25 Nondurable goods	0.1	0.1	0.0	0.1	0.1	0.1
26 Food and beverage and tobacco products	0.0	0.0	0.0	0.0	0.0	0.0
27 Textile mills and textile product mills	0.0	0.0	0.0	0.0	0.0	0.0
28 Apparel and leather and allied products	0.0	0.0	0.0	0.0	0.0	0.0
29 Paper products	0.0	0.0	0.0	0.0	0.0	0.0
30 Printing and related support activities	0.0	0.0	0.0	0.0	0.0	0.0
31 Petroleum and coal products	0.1	0.0	0.0	0.0	0.0	0.0
32 Chemical products	0.0	0.0	0.0	0.0	0.0	0.0
33 Plastics and rubber products	0.0	0.0	0.0	0.0	0.0	0.0
34 Wholesale trade	0.1	0.1	0.1	0.1	0.1	0.1
35 Retail trade	0.1	0.1	0.1	0.1	0.1	0.1
36 Motor vehicle and parts dealers	0.0	0.0	0.0	0.0	0.0	0.0
37 Food and beverage stores	0.0	0.0	0.0	0.0	0.0	0.0
38 General merchandise stores	0.0	0.0	0.0	0.0	0.0	0.0
39 Other retail	0.1	0.1	0.1	0.1	0.1	0.1
40 Transportation and warehousing	0.2	0.2	0.2	0.2	0.2	0.2
41 Air transportation	0.0	0.0	0.0	0.0	0.0	0.0
42 Rail transportation	0.0	0.0	0.0	0.0	0.0	0.0
43 Water transportation	0.1	0.1	0.1	0.1	0.1	0.1
44 Truck transportation	0.0	0.0	0.0	0.0	0.0	0.0
45 Transit and ground passenger transportation	0.0	0.0	0.0	0.0	0.0	0.0
46 Pipeline transportation	0.0	0.0	0.0	0.0	0.0	0.0
47 Other transportation and support activities	0.0	0.0	0.0	0.0	0.0	0.0
48 Warehousing and storage	0.0	0.0	0.0	0.0	0.0	0.0
49 Information	0.0	0.0	0.0	0.0	0.0	0.0
50 Publishing industries, except internet (includes software)	0.0	0.0	0.0	0.0	0.0	0.0
51 Motion picture and sound recording industries	0.0	0.0	0.0	0.0	0.0	0.0
52 Broadcasting and telecommunications	0.0	0.0	0.0	0.0	0.0	0.0
53 Data processing, internet publishing, and other information services	0.0	0.0	0.0	0.0	0.0	0.0
54 Finance, insurance, real estate, rental, and leasing	0.3	0.3	0.3	0.3	0.3	0.3
55 Finance and insurance	0.0	0.0	0.0	0.0	0.0	0.0
56 Federal Reserve banks, credit intermediation, and related activities	0.0	0.0	0.0	0.0	0.0	0.0
57 Securities, commodity contracts, and investments	0.0	0.0	0.0	0.0	0.0	0.0
58 Insurance carriers and related activities	0.0	0.0	0.0	0.0	0.0	0.0
59 Funds, trusts, and other financial vehicles	0.0	0.0	0.0	0.0	0.0	0.0
60 Real estate and rental and leasing	0.2	0.3	0.3	0.3	0.3	0.3
61 Real estate	0.2	0.2	0.3	0.3	0.3	0.3
62 Housing	0.2	0.2	0.3	0.3	0.3	0.3
63 Other real estate	0.0	0.0	0.0	0.0	0.0	0.0
64 Rental and leasing services and lessors of intangible assets	0.0	0.0	0.0	0.0	0.0	0.0
65 Professional and business services	0.0	0.0	0.0	0.0	0.0	0.0
66 Professional, scientific, and technical services	0.0	0.0	0.0	0.0	0.0	0.0

**Table 11. Marine Economy Value Added by Industry as a Percentage of Gross Domestic Product**

[Percent]

Bureau of Economic Analysis

		2014	2015	2016	2017	2018	2019
67	Legal services	0.0	0.0	0.0	0.0	0.0	0.0
68	Computer systems design and related services	0.0	0.0	0.0	0.0	0.0	0.0
69	Miscellaneous professional, scientific, and technical services	0.0	0.0	0.0	0.0	0.0	0.0
70	Management of companies and enterprises	0.0	0.0	0.0	0.0	0.0	0.0
71	Administrative and waste management services	0.0	0.0	0.0	0.0	0.0	0.0
72	Administrative and support services	0.0	0.0	0.0	0.0	0.0	0.0
73	Waste management and remediation services	0.0	0.0	0.0	0.0	0.0	0.0
74	Educational services, health care, and social assistance	0.0	0.0	0.0	0.0	0.0	0.0
75	Educational services	0.0	0.0	0.0	0.0	0.0	0.0
76	Health care and social assistance	0.0	0.0	0.0	0.0	0.0	0.0
77	Ambulatory health care services	0.0	0.0	0.0	0.0	0.0	0.0
78	Hospitals	0.0	0.0	0.0	0.0	0.0	0.0
79	Nursing and residential care facilities	0.0	0.0	0.0	0.0	0.0	0.0
80	Social assistance	0.0	0.0	0.0	0.0	0.0	0.0
81	Arts, entertainment, recreation, accommodation, and food services	0.2	0.2	0.2	0.2	0.2	0.2
82	Arts, entertainment, and recreation	0.0	0.0	0.0	0.0	0.0	0.0
83	Performing arts, spectator sports, museums, and related activities	0.0	0.0	0.0	0.0	0.0	0.0
84	Amusements, gambling, and recreation industries	0.0	0.0	0.0	0.0	0.0	0.0
85	Accommodation and food services	0.1	0.1	0.1	0.1	0.1	0.1
86	Accommodation	0.1	0.1	0.1	0.1	0.1	0.1
87	Food services and drinking places	0.0	0.1	0.1	0.1	0.1	0.1
88	Other services, except government	0.0	0.0	0.0	0.0	0.0	0.0
89	Government	0.7	0.6	0.6	0.6	0.6	0.6
90	Federal	0.6	0.6	0.6	0.6	0.5	0.5
91	General government	0.6	0.6	0.6	0.6	0.5	0.5
92	National defense	0.6	0.5	0.5	0.5	0.5	0.5
93	Nondefense	0.1	0.1	0.1	0.1	0.1	0.1
94	Government enterprises	0.0	0.0	0.0	0.0	0.0	0.0
95	State and local	0.0	0.0	0.0	0.0	0.0	0.0
96	General government	0.0	0.0	0.0	0.0	0.0	0.0
97	Government enterprises	0.0	0.0	0.0	0.0	0.0	0.0

**Table 12. Marine Economy Value Added by Industry as a Percentage of Total Marine Economy Value Added**

[Percent]

Bureau of Economic Analysis

	2014	2015	2016	2017	2018	2019
1 All Industries	100.0	100.0	100.0	100.0	100.0	100.0
2 Private industries	69.1	67.4	66.6	67.5	68.6	68.7
3 Agriculture, forestry, fishing, and hunting	1.3	1.2	1.3	1.3	1.3	1.3
4 Farms	0.1	0.1	0.1	0.1	0.1	0.1
5 Forestry, fishing, and related activities	1.2	1.1	1.2	1.2	1.2	1.2
6 Mining	19.0	12.3	10.2	10.7	12.0	12.0
7 Oil and gas extraction	14.3	8.6	7.8	8.6	9.7	9.3
8 Mining, except oil and gas	0.2	0.1	0.1	0.2	0.2	0.2
9 Support activities for mining	4.5	3.6	2.2	2.0	2.1	2.5
10 Utilities	1.6	1.7	1.7	1.6	1.6	1.5
11 Construction	0.8	0.8	0.9	0.9	0.9	0.9
12 Manufacturing	6.4	6.8	6.5	6.4	6.7	6.9
13 Durable goods	3.1	3.5	4.0	3.5	3.5	4.0
14 Wood products	0.0	0.0	0.0	0.0	0.0	0.0
15 Nonmetallic mineral products	0.0	0.0	0.0	0.0	0.0	0.0
16 Primary metals	0.0	0.0	0.0	0.0	0.0	0.0
17 Fabricated metal products	0.0	0.0	0.0	0.0	0.0	0.0
18 Machinery	1.0	0.9	0.6	0.5	0.5	0.6
19 Computer and electronic products	0.1	0.1	0.1	0.1	0.1	0.1
20 Electrical equipment, appliances, and components	0.0	0.0	0.0	0.0	0.0	0.0
21 Motor vehicles, bodies and trailers, and parts	0.0	0.0	0.0	0.0	0.0	0.0
22 Other transportation equipment	1.9	2.3	3.1	2.8	2.7	3.1
23 Furniture and related products	0.0	0.0	0.0	0.0	0.0	0.0
24 Miscellaneous manufacturing	0.1	0.1	0.1	0.1	0.1	0.1
25 Nondurable goods	3.3	3.3	2.5	2.9	3.3	3.0
26 Food and beverage and tobacco products	0.5	0.6	0.6	0.5	0.5	0.5
27 Textile mills and textile product mills	0.0	0.0	0.0	0.0	0.0	0.0
28 Apparel and leather and allied products	0.1	0.1	0.1	0.1	0.1	0.1
29 Paper products	0.0	0.0	0.0	0.0	0.0	0.0
30 Printing and related support activities	0.0	0.0	0.0	0.0	0.0	0.0
31 Petroleum and coal products	2.4	2.3	1.5	2.0	2.4	2.1
32 Chemical products	0.2	0.2	0.2	0.2	0.2	0.2
33 Plastics and rubber products	0.0	0.0	0.0	0.0	0.0	0.0
34 Wholesale trade	4.0	4.2	4.1	4.0	3.9	3.8
35 Retail trade	4.8	5.2	5.6	5.7	5.5	5.5
36 Motor vehicle and parts dealers	0.5	0.6	0.7	0.7	0.7	0.7
37 Food and beverage stores	0.6	0.6	0.7	0.7	0.7	0.7
38 General merchandise stores	0.7	0.8	0.8	0.8	0.8	0.8
39 Other retail	2.9	3.2	3.4	3.5	3.4	3.3
40 Transportation and warehousing	8.6	9.5	9.3	9.3	9.4	9.5
41 Air transportation	0.9	1.1	1.2	1.2	1.2	1.2
42 Rail transportation	0.2	0.1	0.1	0.1	0.1	0.1
43 Water transportation	3.4	3.6	3.2	3.1	3.2	3.1
44 Truck transportation	0.8	0.9	0.9	0.9	0.9	0.9
45 Transit and ground passenger transportation	0.1	0.2	0.2	0.2	0.2	0.2
46 Pipeline transportation	0.6	0.8	0.9	0.9	0.9	0.9
47 Other transportation and support activities	2.3	2.5	2.5	2.6	2.6	2.7
48 Warehousing and storage	0.2	0.3	0.3	0.4	0.4	0.4
49 Information	0.1	0.1	0.1	0.1	0.1	0.1
50 Publishing industries, except internet (includes software)	0.0	0.0	0.0	0.0	0.0	0.0
51 Motion picture and sound recording industries	0.0	0.0	0.0	0.0	0.0	0.0
52 Broadcasting and telecommunications	0.0	0.0	0.0	0.0	0.0	0.0
53 Data processing, internet publishing, and other information services	0.0	0.0	0.0	0.0	0.0	0.1
54 Finance, insurance, real estate, rental, and leasing	12.6	14.1	15.0	15.1	15.0	14.8
55 Finance and insurance	0.9	1.0	1.1	1.0	0.9	0.8
56 Federal Reserve banks, credit intermediation, and related activities	0.0	0.0	0.0	0.0	0.0	0.0
57 Securities, commodity contracts, and investments	0.0	0.0	0.0	0.0	0.0	0.0
58 Insurance carriers and related activities	0.9	1.0	1.1	0.9	0.9	0.8
59 Funds, trusts, and other financial vehicles	0.0	0.0	0.0	0.0	0.0	0.0
60 Real estate and rental and leasing	11.7	13.0	13.9	14.1	14.0	14.0
61 Real estate	11.5	12.7	13.5	13.8	13.7	13.7
62 Housing	11.5	12.7	13.5	13.8	13.7	13.7
63 Other real estate	0.0	0.0	0.0	0.0	0.0	0.0
64 Rental and leasing services and lessors of intangible assets	0.2	0.3	0.3	0.3	0.3	0.3
65 Professional and business services	1.1	1.2	1.3	1.4	1.4	1.4
66 Professional, scientific, and technical services	0.4	0.5	0.5	0.5	0.5	0.5

**Table 12. Marine Economy Value Added by Industry as a Percentage of Total Marine Economy Value Added**

[Percent]

Bureau of Economic Analysis

	2014	2015	2016	2017	2018	2019
67 Legal services	0.1	0.1	0.1	0.1	0.1	0.1
68 Computer systems design and related services	0.0	0.0	0.0	0.0	0.0	0.0
69 Miscellaneous professional, scientific, and technical services	0.3	0.3	0.3	0.3	0.4	0.4
70 Management of companies and enterprises	0.0	0.0	0.0	0.0	0.0	0.0
71 Administrative and waste management services	0.7	0.8	0.8	0.9	0.9	0.9
72 Administrative and support services	0.7	0.8	0.8	0.9	0.9	0.9
73 Waste management and remediation services	0.0	0.0	0.0	0.0	0.0	0.0
74 Educational services, health care, and social assistance	0.6	0.6	0.6	0.6	0.6	0.6
75 Educational services	0.5	0.6	0.6	0.6	0.5	0.5
76 Health care and social assistance	0.0	0.0	0.0	0.0	0.0	0.0
77 Ambulatory health care services	0.0	0.0	0.0	0.0	0.0	0.0
78 Hospitals	0.0	0.0	0.0	0.0	0.0	0.0
79 Nursing and residential care facilities	0.0	0.0	0.0	0.0	0.0	0.0
80 Social assistance	0.0	0.0	0.0	0.0	0.0	0.0
81 Arts, entertainment, recreation, accommodation, and food services	7.7	8.8	9.2	9.5	9.5	9.5
82 Arts, entertainment, and recreation	2.0	2.1	2.3	2.3	2.3	2.3
83 Performing arts, spectator sports, museums, and related activities	0.2	0.2	0.2	0.2	0.2	0.2
84 Amusements, gambling, and recreation industries	1.8	2.0	2.1	2.1	2.1	2.1
85 Accommodation and food services	5.7	6.7	7.0	7.2	7.2	7.2
86 Accommodation	3.4	4.0	4.1	4.3	4.3	4.3
87 Food services and drinking places	2.3	2.7	2.9	2.9	2.9	2.9
88 Other services, except government	0.7	0.7	0.8	0.8	0.8	0.8
89 Government	30.9	32.6	33.4	32.5	31.4	31.3
90 Federal	29.1	30.6	31.3	30.5	29.4	29.3
91 General government	29.1	30.6	31.3	30.5	29.4	29.3
92 National defense	26.6	28.0	28.6	27.6	26.6	26.5
93 Nondefense	2.5	2.6	2.7	2.8	2.8	2.8
94 Government enterprises	0.0	0.0	0.0	0.0	0.0	0.0
95 State and local	1.8	2.0	2.1	2.1	2.0	2.0
96 General government	0.9	1.0	1.0	1.0	1.0	1.0
97 Government enterprises	0.9	1.0	1.1	1.0	1.0	1.0

**Table 13. Chain-Type Quantity Indexes for Marine Economy Value Added by Industry**

[index numbers, 2014 = 100]

Bureau of Economic Analysis

	2014	2015	2016	2017	2018	2019
1 All Industries	100.000	100.942	99.855	99.004	99.897	104.132
2 Private industries	100.000	101.877	100.088	99.736	101.857	107.077
3 Agriculture, forestry, fishing, and hunting	100.000	104.934	103.920	109.204	107.093	108.736
4 Farms	100.000	97.629	100.663	97.004	87.677	88.891
5 Forestry, fishing, and related activities	100.000	105.725	104.269	110.501	109.156	110.844
6 Mining	100.000	100.339	93.721	85.703	85.496	99.755
7 Oil and gas extraction	100.000	111.027	117.242	105.770	99.427	113.050
8 Mining, except oil and gas	100.000	95.571	110.199	118.564	119.769	122.330
9 Support activities for mining	100.000	76.410	49.374	46.927	60.811	79.704
10 Utilities	100.000	117.034	126.931	125.656	111.980	104.870
11 Construction	100.000	97.977	108.244	100.217	101.629	111.501
12 Manufacturing	100.000	101.786	102.347	101.263	109.833	122.830
13 Durable goods	100.000	104.597	117.237	109.036	115.478	137.497
14 Wood products	100.000	101.175	97.888	100.114	103.315	101.511
15 Nonmetallic mineral products	100.000	108.562	111.881	111.976	111.711	113.148
16 Primary metals	100.000	72.911	74.939	70.976	76.512	81.000
17 Fabricated metal products	100.000	82.870	53.977	51.853	52.653	51.217
18 Machinery	100.000	81.782	53.246	48.000	53.956	63.840
19 Computer and electronic products	100.000	131.599	119.720	114.650	113.817	122.988
20 Electrical equipment, appliances, and components	100.000	86.639	67.671	76.980	84.454	79.952
21 Motor vehicles, bodies and trailers, and parts	100.000	103.303	91.495	95.136	65.906	92.802
22 Other transportation equipment	100.000	116.940	154.042	142.973	150.317	182.667
23 Furniture and related products	100.000	86.955	66.144	64.019	73.759	64.028
24 Miscellaneous manufacturing	100.000	95.747	108.192	108.969	119.582	98.374
25 Nondurable goods	100.000	99.035	86.610	93.340	104.016	107.968
26 Food and beverage and tobacco products	100.000	110.797	101.096	78.623	68.476	61.656
27 Textile mills and textile product mills	100.000	95.211	100.299	96.764	99.246	97.833
28 Apparel and leather and allied products	100.000	94.543	121.420	99.113	103.477	110.330
29 Paper products	100.000	106.682	106.153	114.811	117.259	113.937
30 Printing and related support activities	100.000	97.462	92.274	88.216	88.184	90.972
31 Petroleum and coal products	100.000	97.465	80.777	100.715	119.871	128.587
32 Chemical products	100.000	87.174	85.818	81.787	89.968	92.278
33 Plastics and rubber products	100.000	96.349	82.448	75.802	77.975	78.618
34 Wholesale trade	100.000	97.220	90.045	90.526	91.848	92.563
35 Retail trade	100.000	101.012	104.131	108.812	111.957	114.951
36 Motor vehicle and parts dealers	100.000	115.453	126.832	135.222	132.778	143.181
37 Food and beverage stores	100.000	98.164	95.563	100.409	98.952	101.466
38 General merchandise stores	100.000	106.725	108.385	110.632	115.464	113.556
39 Other retail	100.000	97.763	101.079	105.695	110.293	113.304
40 Transportation and warehousing	100.000	98.049	90.413	90.364	94.831	99.035
41 Air transportation	100.000	108.489	116.226	120.842	124.815	124.096
42 Rail transportation	100.000	89.601	60.599	64.503	73.849	70.539
43 Water transportation	100.000	88.099	72.110	68.716	72.928	76.725
44 Truck transportation	100.000	101.618	100.398	101.267	97.308	98.945
45 Transit and ground passenger transportation	100.000	102.936	102.183	108.330	111.323	123.382
46 Pipeline transportation	100.000	127.200	130.218	132.857	146.018	150.071
47 Other transportation and support activities	100.000	100.158	94.471	95.144	99.296	105.750
48 Warehousing and storage	100.000	104.930	116.281	131.809	149.345	164.479
49 Information	100.000	105.324	107.014	102.764	112.907	124.330
50 Publishing industries, except internet (includes software)	100.000	107.207	123.305	125.953	144.837	140.661
51 Motion picture and sound recording industries	100.000	104.230	106.309	105.495	103.806	117.389
52 Broadcasting and telecommunications	100.000	100.981	86.043	69.543	66.977	78.097
53 Data processing, internet publishing, and other information services	100.000	109.104	119.663	125.819	147.614	171.802
54 Finance, insurance, real estate, rental, and leasing	100.000	104.003	106.013	106.569	108.546	109.098
55 Finance and insurance	100.000	110.531	112.368	103.189	106.513	94.193
56 Federal Reserve banks, credit intermediation, and related activities	100.000	105.229	105.632	105.589	93.750	97.461
57 Securities, commodity contracts, and investments	100.000	3.911	35.774	36.711	40.974	69.834
58 Insurance carriers and related activities	100.000	110.624	112.481	103.151	106.743	94.126
59 Funds, trusts, and other financial vehicles	100.000	3.919	36.005	36.952	41.033	69.931
60 Real estate and rental and leasing	100.000	103.508	105.531	106.786	108.669	110.092
61 Real estate	100.000	102.953	104.390	105.536	107.248	108.488
62 Housing	100.000	102.953	104.390	105.536	107.248	108.489
63 Other real estate	100.000	99.446	99.628	96.331	93.470	91.700
64 Rental and leasing services and lessors of intangible assets	100.000	132.640	170.490	178.938	192.546	207.002
65 Professional and business services	100.000	100.384	101.250	108.255	112.142	115.257
66 Professional, scientific, and technical services	100.000	98.636	100.538	99.508	105.216	109.151

**Table 13. Chain-Type Quantity Indexes for Marine Economy Value Added by Industry**

[index numbers, 2014 = 100]

Bureau of Economic Analysis

	2014	2015	2016	2017	2018	2019	
67	Legal services	100.000	101.127	103.831	103.375	104.582	102.715
68	Computer systems design and related services	100.000	121.204	204.503	291.060	273.801	327.031
69	Miscellaneous professional, scientific, and technical services	100.000	97.147	96.652	93.154	101.140	105.986
70	Management of companies and enterprises	100.000	98.204	100.105	100.959	106.032	126.398
71	Administrative and waste management services	100.000	101.555	101.738	113.944	116.638	119.004
72	Administrative and support services	100.000	101.472	101.642	113.868	116.549	118.858
73	Waste management and remediation services	100.000	265.783	304.387	246.428	284.180	480.552
74	Educational services, health care, and social assistance	100.000	104.341	105.100	103.005	95.548	97.191
75	Educational services	100.000	104.029	103.510	101.134	93.341	94.785
76	Health care and social assistance	100.000	110.438	136.461	140.002	139.488	145.190
77	Ambulatory health care services	100.000	116.472	173.414	187.116	191.362	202.895
78	Hospitals	100.000	108.273	121.420	119.672	116.611	120.145
79	Nursing and residential care facilities	100.000	99.627	99.846	98.458	97.066	94.549
80	Social assistance	100.000	110.116	115.547	122.967	124.542	131.747
81	Arts, entertainment, recreation, accommodation, and food services	100.000	104.538	103.987	108.101	110.103	111.317
82	Arts, entertainment, and recreation	100.000	97.452	98.517	103.325	104.840	104.892
83	Performing arts, spectator sports, museums, and related activities	100.000	84.125	89.665	93.700	92.985	96.273
84	Amusements, gambling, and recreation industries	100.000	98.934	99.504	104.399	106.167	105.856
85	Accommodation and food services	100.000	107.027	105.909	109.786	111.954	113.562
86	Accommodation	100.000	109.307	106.210	111.001	113.783	115.872
87	Food services and drinking places	100.000	103.770	105.450	108.037	109.337	110.256
88	Other services, except government	100.000	102.455	102.269	103.077	102.131	101.606
89	Government	100.000	98.931	99.241	97.395	95.780	98.007
90	Federal	100.000	98.861	98.827	96.881	95.384	97.628
91	General government	100.000	98.863	98.829	96.881	95.381	97.625
92	National defense	100.000	98.812	98.626	96.117	94.416	96.792
93	Nondefense	100.000	99.404	101.024	105.084	105.709	106.560
94	Government enterprises	100.000	94.912	94.242	95.895	100.813	103.875
95	State and local	100.000	100.007	105.664	105.414	101.925	103.894
96	General government	100.000	104.666	107.717	107.557	107.719	113.839
97	Government enterprises	100.000	95.449	103.468	103.135	96.283	94.622



**Table 14. Percent Changes in Chain-Type Quantity Indexes for Marine Economy Value Added by Industry**

[Percent Change]

Bureau of Economic Analysis

	2015	2016	2017	2018	2019
1 All Industries	0.9	-1.1	-0.9	0.9	4.2
2 Private industries	1.9	-1.8	-0.4	2.1	5.1
3 Agriculture, forestry, fishing, and hunting	4.9	-1.0	5.1	-1.9	1.5
4 Farms	-2.4	3.1	-3.6	-9.6	1.4
5 Forestry, fishing, and related activities	5.7	-1.4	6.0	-1.2	1.5
6 Mining	0.3	-6.6	-8.6	-0.2	16.7
7 Oil and gas extraction	11.0	5.6	-9.8	-6.0	13.7
8 Mining, except oil and gas	-4.4	15.3	7.6	1.0	2.1
9 Support activities for mining	-23.6	-35.4	-5.0	29.6	31.1
10 Utilities	17.0	8.5	-1.0	-10.9	-6.3
11 Construction	-2.0	10.5	-7.4	1.4	9.7
12 Manufacturing	1.8	0.6	-1.1	8.5	11.8
13 Durable goods	4.6	12.1	-7.0	5.9	19.1
14 Wood products	1.2	-3.2	2.3	3.2	-1.7
15 Nonmetallic mineral products	8.6	3.1	0.1	-0.2	1.3
16 Primary metals	-27.1	2.8	-5.3	7.8	5.9
17 Fabricated metal products	-17.1	-34.9	-3.9	1.5	-2.7
18 Machinery	-18.2	-34.9	-9.9	12.4	18.3
19 Computer and electronic products	31.6	-9.0	-4.2	-0.7	8.1
20 Electrical equipment, appliances, and components	-13.4	-21.9	13.8	9.7	-5.3
21 Motor vehicles, bodies and trailers, and parts	3.3	-11.4	4.0	-30.7	40.8
22 Other transportation equipment	16.9	31.7	-7.2	5.1	21.5
23 Furniture and related products	-13.0	-23.9	-3.2	15.2	-13.2
24 Miscellaneous manufacturing	-4.3	13.0	0.7	9.7	-17.7
25 Nondurable goods	-1.0	-12.5	7.8	11.4	3.8
26 Food and beverage and tobacco products	10.8	-8.8	-22.2	-12.9	-10.0
27 Textile mills and textile product mills	-4.8	5.3	-3.5	2.6	-1.4
28 Apparel and leather and allied products	-5.5	28.4	-18.4	4.4	6.6
29 Paper products	6.7	-0.5	8.2	2.1	-2.8
30 Printing and related support activities	-2.5	-5.3	-4.4	0.0	3.2
31 Petroleum and coal products	-2.5	-17.1	24.7	19.0	7.3
32 Chemical products	-12.8	-1.6	-4.7	10.0	2.6
33 Plastics and rubber products	-3.7	-14.4	-8.1	2.9	0.8
34 Wholesale trade	-2.8	-7.4	0.5	1.5	0.8
35 Retail trade	1.0	3.1	4.5	2.9	2.7
36 Motor vehicle and parts dealers	15.5	9.9	6.6	-1.8	7.8
37 Food and beverage stores	-1.8	-2.6	5.1	-1.5	2.5
38 General merchandise stores	6.7	1.6	2.1	4.4	-1.7
39 Other retail	-2.2	3.4	4.6	4.4	2.7
40 Transportation and warehousing	-2.0	-7.8	-0.1	4.9	4.4
41 Air transportation	8.5	7.1	4.0	3.3	-0.6
42 Rail transportation	-10.4	-32.4	6.4	14.5	-4.5
43 Water transportation	-11.9	-18.1	-4.7	6.1	5.2
44 Truck transportation	1.6	-1.2	0.9	-3.9	1.7
45 Transit and ground passenger transportation	2.9	-0.7	6.0	2.8	10.8
46 Pipeline transportation	27.2	2.4	2.0	9.9	2.8
47 Other transportation and support activities	0.2	-5.7	0.7	4.4	6.5
48 Warehousing and storage	4.9	10.8	13.4	13.3	10.1
49 Information	5.3	1.6	-4.0	9.9	10.1
50 Publishing industries, except internet (includes software)	7.2	15.0	2.1	15.0	-2.9
51 Motion picture and sound recording industries	4.2	2.0	-0.8	-1.6	13.1
52 Broadcasting and telecommunications	1.0	-14.8	-19.2	-3.7	16.6
53 Data processing, internet publishing, and other information services	9.1	9.7	5.1	17.3	16.4
54 Finance, insurance, real estate, rental, and leasing	4.0	1.9	0.5	1.9	0.5
55 Finance and insurance	10.5	1.7	-8.2	3.2	-11.6
56 Federal Reserve banks, credit intermediation, and related activities	5.2	0.4	0.0	-11.2	4.0
57 Securities, commodity contracts, and investments	-96.1	814.7	2.6	11.6	70.4
58 Insurance carriers and related activities	10.6	1.7	-8.3	3.5	-11.8
59 Funds, trusts, and other financial vehicles	-96.1	818.7	2.6	11.0	70.4
60 Real estate and rental and leasing	3.5	2.0	1.2	1.8	1.3

**Table 14. Percent Changes in Chain-Type Quantity Indexes for Marine Economy Value Added by Industry**

[Percent Change]

Bureau of Economic Analysis

		2015	2016	2017	2018	2019
61	Real estate	3.0	1.4	1.1	1.6	1.2
62	Housing	3.0	1.4	1.1	1.6	1.2
63	Other real estate	-0.6	0.2	-3.3	-3.0	-1.9
64	Rental and leasing services and lessors of intangible assets	32.6	28.5	5.0	7.6	7.5
65	Professional and business services	0.4	0.9	6.9	3.6	2.8
66	Professional, scientific, and technical services	-1.4	1.9	-1.0	5.7	3.7
67	Legal services	1.1	2.7	-0.4	1.2	-1.8
68	Computer systems design and related services	21.2	68.7	42.3	-5.9	19.4
69	Miscellaneous professional, scientific, and technical services	-2.9	-0.5	-3.6	8.6	4.8
70	Management of companies and enterprises	-1.8	1.9	0.9	5.0	19.2
71	Administrative and waste management services	1.6	0.2	12.0	2.4	2.0
72	Administrative and support services	1.5	0.2	12.0	2.4	2.0
73	Waste management and remediation services	165.8	14.5	-19.0	15.3	69.1
74	Educational services, health care, and social assistance	4.3	0.7	-2.0	-7.2	1.7
75	Educational services	4.0	-0.5	-2.3	-7.7	1.5
76	Health care and social assistance	10.4	23.6	2.6	-0.4	4.1
77	Ambulatory health care services	16.5	48.9	7.9	2.3	6.0
78	Hospitals	8.3	12.1	-1.4	-2.6	3.0
79	Nursing and residential care facilities	-0.4	0.2	-1.4	-1.4	-2.6
80	Social assistance	10.1	4.9	6.4	1.3	5.8
81	Arts, entertainment, recreation, accommodation, and food services	4.5	-0.5	4.0	1.9	1.1
82	Arts, entertainment, and recreation	-2.5	1.1	4.9	1.5	0.0
83	Performing arts, spectator sports, museums, and related activities	-15.9	6.6	4.5	-0.8	3.5
84	Amusements, gambling, and recreation industries	-1.1	0.6	4.9	1.7	-0.3
85	Accommodation and food services	7.0	-1.0	3.7	2.0	1.4
86	Accommodation	9.3	-2.8	4.5	2.5	1.8
87	Food services and drinking places	3.8	1.6	2.5	1.2	0.8
88	Other services, except government	2.5	-0.2	0.8	-0.9	-0.5
89	Government	-1.1	0.3	-1.9	-1.7	2.3
90	Federal	-1.1	0.0	-2.0	-1.5	2.4
91	General government	-1.1	0.0	-2.0	-1.5	2.4
92	National defense	-1.2	-0.2	-2.5	-1.8	2.5
93	Nondefense	-0.6	1.6	4.0	0.6	0.8
94	Government enterprises	-5.1	-0.7	1.8	5.1	3.0
95	State and local	0.0	5.7	-0.2	-3.3	1.9
96	General government	4.7	2.9	-0.1	0.2	5.7
97	Government enterprises	-4.6	8.4	-0.3	-6.6	-1.7

**Table 15. Chain-Type Price Indexes for Marine Economy Value Added by Industry**

[index numbers, 2014 = 100]

Bureau of Economic Analysis

	2014	2015	2016	2017	2018	2019
1 All Industries	100.000	94.926	94.657	97.960	102.269	102.984
2 Private industries	100.000	91.759	90.972	94.937	99.622	99.527
3 Agriculture, forestry, fishing, and hunting	100.000	89.173	93.372	88.694	96.954	97.106
4 Farms	100.000	97.262	90.410	96.166	94.310	96.224
5 Forestry, fishing, and related activities	100.000	88.371	93.653	87.986	97.112	97.119
6 Mining	100.000	61.951	54.060	64.143	75.379	68.050
7 Oil and gas extraction	100.000	51.738	44.279	54.982	69.555	61.652
8 Mining, except oil and gas	100.000	77.697	69.684	86.362	91.242	87.239
9 Support activities for mining	100.000	100.265	92.476	91.577	78.460	75.994
10 Utilities	100.000	89.748	79.462	80.164	91.553	98.513
11 Construction	100.000	104.219	105.446	107.785	110.285	116.281
12 Manufacturing	100.000	99.971	94.171	96.401	98.145	94.751
13 Durable goods	100.000	102.890	102.605	101.063	98.711	99.064
14 Wood products	100.000	102.375	109.074	108.776	110.256	114.270
15 Nonmetallic mineral products	100.000	103.482	105.835	111.123	114.782	116.628
16 Primary metals	100.000	111.731	114.291	105.297	103.236	106.042
17 Fabricated metal products	100.000	106.830	110.957	110.407	110.511	117.194
18 Machinery	100.000	104.083	104.394	103.100	102.834	105.927
19 Computer and electronic products	100.000	98.142	93.367	95.005	97.972	101.547
20 Electrical equipment, appliances, and components	100.000	104.666	106.532	105.248	103.545	106.153
21 Motor vehicles, bodies and trailers, and parts	100.000	104.310	108.606	108.185	114.300	127.688
22 Other transportation equipment	100.000	102.333	102.135	100.262	97.243	96.290
23 Furniture and related products	100.000	114.438	128.164	122.476	114.263	129.894
24 Miscellaneous manufacturing	100.000	104.255	97.186	100.669	99.898	118.504
25 Nondurable goods	100.000	97.117	85.027	91.769	97.971	90.328
26 Food and beverage and tobacco products	100.000	102.880	109.635	122.757	142.153	162.125
27 Textile mills and textile product mills	100.000	104.957	106.795	104.421	96.432	97.715
28 Apparel and leather and allied products	100.000	102.231	102.759	104.057	104.800	104.987
29 Paper products	100.000	102.334	100.764	100.257	100.570	104.024
30 Printing and related support activities	100.000	106.127	107.451	109.140	109.269	108.463
31 Petroleum and coal products	100.000	94.508	75.013	80.641	85.051	73.510
32 Chemical products	100.000	109.766	117.033	122.631	126.179	130.858
33 Plastics and rubber products	100.000	104.441	111.536	111.032	108.672	116.863
34 Wholesale trade	100.000	104.211	107.636	109.305	109.429	111.889
35 Retail trade	100.000	103.546	106.245	106.091	105.688	107.477
36 Motor vehicle and parts dealers	100.000	97.390	97.794	95.830	98.659	103.271
37 Food and beverage stores	100.000	107.527	113.037	113.205	116.802	119.040
38 General merchandise stores	100.000	97.159	97.916	97.211	95.346	98.661
39 Other retail	100.000	105.629	108.802	109.135	107.689	108.386
40 Transportation and warehousing	100.000	108.426	113.200	115.752	117.822	119.429
41 Air transportation	100.000	104.767	105.213	104.238	105.182	112.620
42 Rail transportation	100.000	100.001	97.497	99.492	102.200	108.251
43 Water transportation	100.000	114.544	122.874	127.450	128.780	125.566
44 Truck transportation	100.000	106.172	107.661	108.026	115.689	118.821
45 Transit and ground passenger transportation	100.000	104.264	106.401	106.815	105.593	105.755
46 Pipeline transportation	100.000	102.543	106.967	107.074	107.689	114.306
47 Other transportation and support activities	100.000	105.542	110.382	114.115	115.733	117.922
48 Warehousing and storage	100.000	102.251	102.532	105.760	111.006	108.700
49 Information	100.000	100.801	101.416	103.207	103.621	106.691
50 Publishing industries, except internet (includes software)	100.000	100.486	98.719	99.227	98.155	100.045
51 Motion picture and sound recording industries	100.000	102.814	100.994	107.818	110.517	110.449
52 Broadcasting and telecommunications	100.000	100.927	107.872	112.475	115.462	122.061
53 Data processing, internet publishing, and other information services	100.000	100.684	97.320	97.514	97.407	99.610
54 Finance, insurance, real estate, rental, and leasing	100.000	102.826	105.783	108.882	111.736	115.478
55 Finance and insurance	100.000	100.998	101.443	100.637	99.814	102.744
56 Federal Reserve banks, credit intermediation, and related activities	100.000	101.731	105.428	107.584	118.644	119.649
57 Securities, commodity contracts, and investments	100.000	102.550	100.824	103.767	107.764	110.947
58 Insurance carriers and related activities	100.000	100.987	101.384	100.533	99.533	102.492
59 Funds, trusts, and other financial vehicles	100.000	102.489	100.122	103.155	107.517	110.786
60 Real estate and rental and leasing	100.000	102.971	106.133	109.535	112.664	116.465
61 Real estate	100.000	103.307	106.864	110.412	113.630	117.620
62 Housing	100.000	103.307	106.864	110.413	113.630	117.620
63 Other real estate	100.000	102.128	104.558	106.979	111.224	114.382
64 Rental and leasing services and lessors of intangible assets	100.000	88.598	78.409	77.357	77.799	76.340
65 Professional and business services	100.000	103.430	104.751	107.999	110.976	114.603
66 Professional, scientific, and technical services	100.000	103.924	103.271	106.888	111.185	115.427

**Table 15. Chain-Type Price Indexes for Marine Economy Value Added by Industry**

[index numbers, 2014 = 100]

Bureau of Economic Analysis

	2014	2015	2016	2017	2018	2019	
67	Legal services	100.000	103.851	106.359	110.634	113.813	118.409
68	Computer systems design and related services	100.000	101.900	99.521	102.586	106.747	109.472
69	Miscellaneous professional, scientific, and technical services	100.000	104.011	102.228	105.622	110.355	114.577
70	Management of companies and enterprises	100.000	102.493	99.559	102.625	107.151	110.550
71	Administrative and waste management services	100.000	103.123	105.759	108.788	110.986	114.254
72	Administrative and support services	100.000	103.210	105.864	108.868	111.075	114.395
73	Waste management and remediation services	100.000	38.520	33.294	46.162	43.880	28.091
74	Educational services, health care, and social assistance	100.000	102.470	104.663	107.775	110.405	112.833
75	Educational services	100.000	102.503	104.776	107.973	110.789	113.141
76	Health care and social assistance	100.000	101.858	102.753	104.624	104.716	108.116
77	Ambulatory health care services	100.000	99.452	98.639	99.324	95.603	99.145
78	Hospitals	100.000	103.587	105.402	108.106	111.520	114.914
79	Nursing and residential care facilities	100.000	104.021	107.245	109.943	113.073	116.441
80	Social assistance	100.000	95.235	97.325	100.884	101.124	102.182
81	Arts, entertainment, recreation, accommodation, and food services	100.000	104.662	108.653	110.578	114.714	118.829
82	Arts, entertainment, and recreation	100.000	105.084	108.333	107.933	111.397	115.871
83	Performing arts, spectator sports, museums, and related activities	100.000	103.772	106.658	110.023	112.680	114.903
84	Amusements, gambling, and recreation industries	100.000	105.221	108.507	107.727	111.272	115.971
85	Accommodation and food services	100.000	104.523	108.753	111.441	115.798	119.796
86	Accommodation	100.000	103.922	107.898	110.417	115.408	119.378
87	Food services and drinking places	100.000	105.411	110.020	112.954	116.368	120.408
88	Other services, except government	100.000	103.593	106.805	112.020	117.480	123.594
89	Government	100.000	102.143	103.052	104.854	108.278	110.944
90	Federal	100.000	101.767	102.860	104.800	108.070	110.550
91	General government	100.000	101.767	102.859	104.799	108.071	110.552
92	National defense	100.000	102.005	103.042	104.872	108.077	110.527
93	Nondefense	100.000	99.263	100.931	103.955	107.867	110.641
94	Government enterprises	100.000	99.989	103.673	107.514	106.119	106.709
95	State and local	100.000	108.265	106.305	106.019	111.783	117.290
96	General government	100.000	102.251	102.000	102.914	105.706	107.447
97	Government enterprises	100.000	114.756	110.955	109.408	118.405	128.294

**Table 16. Percent Changes in Chain-Type Price Indexes for Marine Economy Value Added by Industry**

[Percent Change]

Bureau of Economic Analysis

	2015	2016	2017	2018	2019
1 All Industries	-5.1	-0.3	3.5	4.4	0.7
2 Private industries	-8.2	-0.9	4.4	4.9	-0.1
3 Agriculture, forestry, fishing, and hunting	-10.8	4.7	-5.0	9.3	0.2
4 Farms	-2.7	-7.0	6.4	-1.9	2.0
5 Forestry, fishing, and related activities	-11.6	6.0	-6.1	10.4	0.0
6 Mining	-38.0	-12.7	18.6	17.5	-9.7
7 Oil and gas extraction	-48.3	-14.4	24.2	26.5	-11.4
8 Mining, except oil and gas	-22.3	-10.3	23.9	5.6	-4.4
9 Support activities for mining	0.3	-7.8	-1.0	-14.3	-3.1
10 Utilities	-10.3	-11.5	0.9	14.2	7.6
11 Construction	4.2	1.2	2.2	2.3	5.4
12 Manufacturing	0.0	-5.8	2.4	1.8	-3.5
13 Durable goods	2.9	-0.3	-1.5	-2.3	0.4
14 Wood products	2.4	6.5	-0.3	1.4	3.6
15 Nonmetallic mineral products	3.5	2.3	5.0	3.3	1.6
16 Primary metals	11.7	2.3	-7.9	-2.0	2.7
17 Fabricated metal products	6.8	3.9	-0.5	0.1	6.0
18 Machinery	4.1	0.3	-1.2	-0.3	3.0
19 Computer and electronic products	-1.9	-4.9	1.8	3.1	3.6
20 Electrical equipment, appliances, and components	4.7	1.8	-1.2	-1.6	2.5
21 Motor vehicles, bodies and trailers, and parts	4.3	4.1	-0.4	5.7	11.7
22 Other transportation equipment	2.3	-0.2	-1.8	-3.0	-1.0
23 Furniture and related products	14.4	12.0	-4.4	-6.7	13.7
24 Miscellaneous manufacturing	4.3	-6.8	3.6	-0.8	18.6
25 Nondurable goods	-2.9	-12.4	7.9	6.8	-7.8
26 Food and beverage and tobacco products	2.9	6.6	12.0	15.8	14.0
27 Textile mills and textile product mills	5.0	1.8	-2.2	-7.7	1.3
28 Apparel and leather and allied products	2.2	0.5	1.3	0.7	0.2
29 Paper products	2.3	-1.5	-0.5	0.3	3.4
30 Printing and related support activities	6.1	1.2	1.6	0.1	-0.7
31 Petroleum and coal products	-5.5	-20.6	7.5	5.5	-13.6
32 Chemical products	9.8	6.6	4.8	2.9	3.7
33 Plastics and rubber products	4.4	6.8	-0.5	-2.1	7.5
34 Wholesale trade	4.2	3.3	1.6	0.1	2.2
35 Retail trade	3.5	2.6	-0.1	-0.4	1.7
36 Motor vehicle and parts dealers	-2.6	0.4	-2.0	3.0	4.7
37 Food and beverage stores	7.5	5.1	0.1	3.2	1.9
38 General merchandise stores	-2.8	0.8	-0.7	-1.9	3.5
39 Other retail	5.6	3.0	0.3	-1.3	0.6
40 Transportation and warehousing	8.4	4.4	2.3	1.8	1.4
41 Air transportation	4.8	0.4	-0.9	0.9	7.1
42 Rail transportation	0.0	-2.5	2.0	2.7	5.9
43 Water transportation	14.5	7.3	3.7	1.0	-2.5
44 Truck transportation	6.2	1.4	0.3	7.1	2.7
45 Transit and ground passenger transportation	4.3	2.0	0.4	-1.1	0.2
46 Pipeline transportation	2.5	4.3	0.1	0.6	6.1
47 Other transportation and support activities	5.5	4.6	3.4	1.4	1.9
48 Warehousing and storage	2.3	0.3	3.1	5.0	-2.1
49 Information	0.8	0.6	1.8	0.4	3.0
50 Publishing industries, except internet (includes software)	0.5	-1.8	0.5	-1.1	1.9
51 Motion picture and sound recording industries	2.8	-1.8	6.8	2.5	-0.1
52 Broadcasting and telecommunications	0.9	6.9	4.3	2.7	5.7
53 Data processing, internet publishing, and other information services	0.7	-3.3	0.2	-0.1	2.3
54 Finance, insurance, real estate, rental, and leasing	2.8	2.9	2.9	2.6	3.3
55 Finance and insurance	1.0	0.4	-0.8	-0.8	2.9
56 Federal Reserve banks, credit intermediation, and related activities	1.7	3.6	2.0	10.3	0.8
57 Securities, commodity contracts, and investments	2.6	-1.7	2.9	3.9	3.0
58 Insurance carriers and related activities	1.0	0.4	-0.8	-1.0	3.0
59 Funds, trusts, and other financial vehicles	2.5	-2.3	3.0	4.2	3.0
60 Real estate and rental and leasing	3.0	3.1	3.2	2.9	3.4

**Table 16. Percent Changes in Chain-Type Price Indexes for Marine Economy Value Added by Industry**

[Percent Change]

Bureau of Economic Analysis

		2015	2016	2017	2018	2019
61	Real estate	3.3	3.4	3.3	2.9	3.5
62	Housing	3.3	3.4	3.3	2.9	3.5
63	Other real estate	2.1	2.4	2.3	4.0	2.8
64	Rental and leasing services and lessors of intangible assets	-11.4	-11.5	-1.3	0.6	-1.9
65	Professional and business services	3.4	1.3	3.1	2.8	3.3
66	Professional, scientific, and technical services	3.9	-0.6	3.5	4.0	3.8
67	Legal services	3.9	2.4	4.0	2.9	4.0
68	Computer systems design and related services	1.9	-2.3	3.1	4.1	2.6
69	Miscellaneous professional, scientific, and technical services	4.0	-1.7	3.3	4.5	3.8
70	Management of companies and enterprises	2.5	-2.9	3.1	4.4	3.2
71	Administrative and waste management services	3.1	2.6	2.9	2.0	2.9
72	Administrative and support services	3.2	2.6	2.8	2.0	3.0
73	Waste management and remediation services	-61.5	-13.6	38.7	-4.9	-36.0
74	Educational services, health care, and social assistance	2.5	2.1	3.0	2.4	2.2
75	Educational services	2.5	2.2	3.1	2.6	2.1
76	Health care and social assistance	1.9	0.9	1.8	0.1	3.2
77	Ambulatory health care services	-0.5	-0.8	0.7	-3.7	3.7
78	Hospitals	3.6	1.8	2.6	3.2	3.0
79	Nursing and residential care facilities	4.0	3.1	2.5	2.8	3.0
80	Social assistance	-4.8	2.2	3.7	0.2	1.0
81	Arts, entertainment, recreation, accommodation, and food services	4.7	3.8	1.8	3.7	3.6
82	Arts, entertainment, and recreation	5.1	3.1	-0.4	3.2	4.0
83	Performing arts, spectator sports, museums, and related activities	3.8	2.8	3.2	2.4	2.0
84	Amusements, gambling, and recreation industries	5.2	3.1	-0.7	3.3	4.2
85	Accommodation and food services	4.5	4.0	2.5	3.9	3.5
86	Accommodation	3.9	3.8	2.3	4.5	3.4
87	Food services and drinking places	5.4	4.4	2.7	3.0	3.5
88	Other services, except government	3.6	3.1	4.9	4.9	5.2
89	Government	2.1	0.9	1.7	3.3	2.5
90	Federal	1.8	1.1	1.9	3.1	2.3
91	General government	1.8	1.1	1.9	3.1	2.3
92	National defense	2.0	1.0	1.8	3.1	2.3
93	Nondefense	-0.7	1.7	3.0	3.8	2.6
94	Government enterprises	0.0	3.7	3.7	-1.3	0.6
95	State and local	8.3	-1.8	-0.3	5.4	4.9
96	General government	2.3	-0.2	0.9	2.7	1.6
97	Government enterprises	14.8	-3.3	-1.4	8.2	8.4

**Table 17. Marine Economy Compensation by Industry**

[Millions of current dollars]

Bureau of Economic Analysis

	2014	2015	2016	2017	2018	2019
1 All Industries	151,989	156,147	157,229	156,289	160,442	172,228
2 Private industries	83,837	86,986	86,568	85,558	88,257	96,394
3 Agriculture, forestry, fishing, and hunting	809	804	855	880	932	987
4 Farms	79	79	94	92	75	81
5 Forestry, fishing, and related activities	730	724	762	788	857	906
6 Mining	17,553	16,837	13,367	10,847	10,599	13,110
7 Oil and gas extraction	6,838	6,866	6,197	4,789	4,662	5,175
8 Mining, except oil and gas	234	240	252	276	293	296
9 Support activities for mining	10,481	9,731	6,917	5,781	5,644	7,638
10 Utilities	995	1,076	1,151	1,139	1,144	1,186
11 Construction	1,814	1,766	2,009	1,962	2,022	2,323
12 Manufacturing	9,852	10,816	12,175	11,103	11,196	12,971
13 Durable goods	7,690	8,854	10,062	9,205	9,329	10,971
14 Wood products	1	1	1	1	1	1
15 Nonmetallic mineral products	13	14	15	15	16	16
16 Primary metals	1	1	1	1	1	1
17 Fabricated metal products	56	50	33	32	31	32
18 Machinery	1,973	1,910	1,336	1,104	1,130	1,379
19 Computer and electronic products	101	126	113	118	122	136
20 Electrical equipment, appliances, and components	123	101	88	98	103	101
21 Motor vehicles, bodies and trailers, and parts	39	43	40	43	34	50
22 Other transportation equipment	5,368	6,330	8,252	7,599	7,676	8,993
23 Furniture and related products	6	6	5	4	5	4
24 Miscellaneous manufacturing	166	179	181	192	211	206
25 Nondurable goods	2,006	2,056	2,113	1,898	1,925	2,053
26 Food and beverage and tobacco products	823	860	805	606	625	632
27 Textile mills and textile product mills	49	47	50	49	46	46
28 Apparel and leather and allied products	281	274	398	313	316	350
29 Paper products	0	0	0	0	0	0
30 Printing and related support activities	1	1	1	1	1	1
31 Petroleum and coal products	685	715	703	772	765	838
32 Chemical products	154	146	145	145	161	174
33 Plastics and rubber products	13	13	13	12	12	13
34 Wholesale trade	3,740	4,012	3,899	3,945	3,915	4,131
35 Retail trade	8,971	9,568	10,083	10,517	10,834	11,295
36 Motor vehicle and parts dealers	678	743	808	844	828	919
37 Food and beverage stores	1,337	1,419	1,437	1,501	1,537	1,610
38 General merchandise stores	1,776	1,854	1,909	1,909	1,959	1,983
39 Other retail	5,180	5,553	5,929	6,263	6,510	6,783
40 Transportation and warehousing	16,376	17,655	17,664	18,684	19,911	21,323
41 Air transportation	1,384	1,510	1,652	1,766	1,864	1,938
42 Rail transportation	297	278	182	187	214	222
43 Water transportation	4,906	5,178	5,099	5,291	5,507	5,729
44 Truck transportation	1,468	1,633	1,654	1,671	1,768	1,883
45 Transit and ground passenger transportation	191	208	224	242	257	304
46 Pipeline transportation	458	560	574	591	593	650
47 Other transportation and support activities	6,981	7,507	7,408	7,873	8,449	9,237
48 Warehousing and storage	692	780	874	1,059	1,256	1,360
49 Information	105	113	118	123	136	149
50 Publishing industries, except internet (includes software)	45	50	54	57	62	62
51 Motion picture and sound recording industries	5	6	6	7	6	7
52 Broadcasting and telecommunications	19	18	16	14	14	16
53 Data processing, internet publishing, and other information services	36	39	42	45	55	64
54 Finance, insurance, real estate, rental, and leasing	2,237	2,339	2,347	2,388	2,395	2,374
55 Finance and insurance	1,526	1,575	1,554	1,558	1,518	1,444
56 Federal Reserve banks, credit intermediation, and related activities	17	20	20	21	19	21
57 Securities, commodity contracts, and investments	0	0	0	0	0	0
58 Insurance carriers and related activities	1,508	1,555	1,534	1,537	1,499	1,423
59 Funds, trusts, and other financial vehicles	0	0	0	0	0	0
60 Real estate and rental and leasing	711	764	793	830	876	930
61 Real estate	454	478	487	513	539	574
62 Housing	453	477	486	513	539	574
63 Other real estate	1	1	1	1	1	1
64 Rental and leasing services and lessors of intangible assets	258	286	306	317	337	356
65 Professional and business services	2,837	3,012	3,062	3,410	3,677	3,918
66 Professional, scientific, and technical services	1,270	1,294	1,294	1,324	1,471	1,611

**Table 17. Marine Economy Compensation by Industry**

[Millions of current dollars]

Bureau of Economic Analysis

	2014	2015	2016	2017	2018	2019	
67	Legal services	217	222	227	240	249	257
68	Computer systems design and related services	23	30	52	80	77	98
69	Miscellaneous professional, scientific, and technical services	1,030	1,042	1,015	1,004	1,145	1,257
70	Management of companies and enterprises	22	22	23	24	27	33
71	Administrative and waste management services	1,544	1,696	1,746	2,062	2,180	2,274
72	Administrative and support services	1,543	1,695	1,745	2,060	2,179	2,273
73	Waste management and remediation services	1	1	1	1	1	1
74	Educational services, health care, and social assistance	1,420	1,534	1,573	1,597	1,533	1,518
75	Educational services	1,365	1,472	1,495	1,515	1,450	1,505
76	Health care and social assistance	56	62	78	83	82	89
77	Ambulatory health care services	20	23	35	39	39	43
78	Hospitals	30	32	37	38	37	39
79	Nursing and residential care facilities	4	4	4	4	4	4
80	Social assistance	2	2	2	2	3	3
81	Arts, entertainment, recreation, accommodation, and food services	15,918	16,138	16,838	17,565	18,398	19,413
82	Arts, entertainment, and recreation	4,851	4,700	4,918	5,029	5,259	5,489
83	Performing arts, spectator sports, museums, and related activities	408	360	395	419	430	449
84	Amusements, gambling, and recreation industries	4,443	4,340	4,523	4,610	4,829	5,040
85	Accommodation and food services	11,068	11,438	11,920	12,537	13,139	13,924
86	Accommodation	5,669	5,609	5,697	5,973	6,220	6,678
87	Food services and drinking places	5,398	5,829	6,224	6,564	6,919	7,246
88	Other services, except government	1,184	1,317	1,374	1,460	1,509	1,555
89	Government	68,335	69,161	70,661	70,731	72,185	75,980
90	Federal	63,260	63,863	65,059	65,093	66,405	69,871
91	General government	63,210	63,817	65,012	65,043	66,353	69,817
92	National defense	57,518	58,184	59,114	58,714	59,799	63,076
93	Nondefense	5,692	5,633	5,898	6,329	6,554	6,741
94	Government enterprises	50	47	47	50	52	54
95	State and local	5,075	5,298	5,602	5,638	5,780	6,109
96	General government	2,736	2,890	2,976	3,022	3,074	3,280
97	Government enterprises	2,339	2,408	2,626	2,616	2,705	2,829



**Table 18. Marine Economy Employment by Industry**

Thousands of full-time and part-time employees

Bureau of Economic Analysis

	2014	2015	2016	2017	2018	2019
1 All Industries	2,289	2,329	2,346	2,323	2,322	2,396
2 Private industries	1,629	1,675	1,693	1,683	1,694	1,749
3 Agriculture, forestry, fishing, and hunting	14	15	15	15	15	15
4 Farms	2	2	2	2	2	2
5 Forestry, fishing, and related activities	13	13	13	14	14	14
6 Mining	147	140	111	85	80	99
7 Oil and gas extraction	34	34	32	23	22	23
8 Mining, except oil and gas	4	4	4	4	4	4
9 Support activities for mining	109	101	75	57	54	71
10 Utilities	10	11	10	10	9	9
11 Construction	59	64	79	76	79	87
12 Manufacturing	122	128	128	123	123	135
13 Durable goods	87	92	94	90	90	102
14 Wood products	0	0	0	0	0	0
15 Nonmetallic mineral products	0	0	0	0	0	0
16 Primary metals	0	0	0	0	0	0
17 Fabricated metal products	1	1	1	1	1	1
18 Machinery	19	17	12	9	8	10
19 Computer and electronic products	1	1	1	1	1	1
20 Electrical equipment, appliances, and components	1	1	1	1	1	1
21 Motor vehicles, bodies and trailers, and parts	1	1	1	1	1	1
22 Other transportation equipment	64	68	76	75	76	84
23 Furniture and related products	0	0	0	0	0	0
24 Miscellaneous manufacturing	3	3	2	3	3	3
25 Nondurable goods	33	34	35	33	32	32
26 Food and beverage and tobacco products	21	23	23	23	22	23
27 Textile mills and textile product mills	1	1	1	1	1	1
28 Apparel and leather and allied products	6	6	6	5	5	4
29 Paper products	0	0	0	0	0	0
30 Printing and related support activities	0	0	0	0	0	0
31 Petroleum and coal products	4	4	4	3	3	3
32 Chemical products	1	1	1	1	1	1
33 Plastics and rubber products	0	0	0	0	0	0
34 Wholesale trade	44	45	45	44	43	45
35 Retail trade	321	331	345	350	349	344
36 Motor vehicle and parts dealers	17	19	19	20	20	21
37 Food and beverage stores	46	48	48	49	49	49
38 General merchandise stores	65	66	68	66	65	63
39 Other retail	192	199	210	216	215	212
40 Transportation and warehousing	188	198	197	202	207	214
41 Air transportation	14	15	15	15	16	16
42 Rail transportation	3	2	2	2	2	2
43 Water transportation	47	48	48	48	48	49
44 Truck transportation	24	26	26	25	25	26
45 Transit and ground passenger transportation	3	4	4	4	3	3
46 Pipeline transportation	4	4	4	4	4	4
47 Other transportation and support activities	76	82	80	81	82	84
48 Warehousing and storage	16	18	20	24	27	30
49 Information	1	1	1	1	1	1
50 Publishing industries, except internet (includes software)	1	1	1	1	1	1
51 Motion picture and sound recording industries	0	0	0	0	0	0
52 Broadcasting and telecommunications	0	0	0	0	0	0
53 Data processing, internet publishing, and other information services	0	0	0	0	0	0
54 Finance, insurance, real estate, rental, and leasing	29	29	29	29	29	29
55 Finance and insurance	13	13	13	12	11	11
56 Federal Reserve banks, credit intermediation, and related activities	0	0	0	0	0	0
57 Securities, commodity contracts, and investments	0	0	0	0	0	0
58 Insurance carriers and related activities	13	13	12	12	11	11
59 Funds, trusts, and other financial vehicles	0	0	0	0	0	0
60 Real estate and rental and leasing	16	17	17	17	17	18
61 Real estate	10	10	10	10	10	11
62 Housing	10	10	10	10	10	11
63 Other real estate	0	0	0	0	0	0
64 Rental and leasing services and lessors of intangible assets	6	7	7	7	7	7
65 Professional and business services	37	38	41	40	41	41
66 Professional, scientific, and technical services	10	10	10	10	10	11

**Table 18. Marine Economy Employment by Industry**

Thousands of full-time and part-time employees

Bureau of Economic Analysis

	2014	2015	2016	2017	2018	2019
67 Legal services	2	2	2	2	2	2
68 Computer systems design and related services	0	0	0	1	1	1
69 Miscellaneous professional, scientific, and technical services	8	8	8	7	8	8
70 Management of companies and enterprises	0	0	0	0	0	0
71 Administrative and waste management services	26	28	30	30	30	30
72 Administrative and support services	26	28	30	30	30	30
73 Waste management and remediation services	0	0	0	0	0	0
74 Educational services, health care, and social assistance	26	27	28	28	27	26
75 Educational services	25	26	27	27	25	25
76 Health care and social assistance	1	1	1	1	1	1
77 Ambulatory health care services	0	0	1	1	1	1
78 Hospitals	0	0	1	1	0	0
79 Nursing and residential care facilities	0	0	0	0	0	0
80 Social assistance	0	0	0	0	0	0
81 Arts, entertainment, recreation, accommodation, and food services	606	620	636	651	663	675
82 Arts, entertainment, and recreation	184	185	192	198	205	211
83 Performing arts, spectator sports, museums, and related activities	11	12	12	12	13	13
84 Amusements, gambling, and recreation industries	173	173	180	186	192	198
85 Accommodation and food services	421	435	444	452	458	464
86 Accommodation	181	187	189	192	194	198
87 Food services and drinking places	240	248	255	261	264	266
88 Other services, except government	29	30	30	30	31	31
89 Government	660	655	653	640	628	647
90 Federal	593	586	582	569	558	575
91 General government	593	586	582	569	558	575
92 National defense	516	512	506	490	479	496
93 Nondefense	76	74	76	79	79	79
94 Government enterprises	0	0	0	0	0	0
95 State and local	68	69	72	71	70	72
96 General government	40	41	42	42	41	43
97 Government enterprises	28	28	30	29	29	29

**Table 19. Real Marine Economy Gross Output by Activity**

[Millions of chained (2014) dollars]

Bureau of Economic Analysis

	2014	2015	2016	2017	2018	2019
<b>1 Total Marine Economy</b>	<b>626,263</b>	<b>628,753</b>	<b>615,566</b>	<b>615,648</b>	<b>624,256</b>	<b>655,794</b>
2 Living resources, marine	23,159	24,570	24,888	25,242	24,710	24,660
3 Commercial harvest, seafood markets, and processing	21,704	23,108	23,306	23,556	22,781	22,666
4 Commercial harvest and seafood markets	10,538	10,867	11,397	11,715	11,343	11,457
5 Seafood processing	11,166	12,231	11,922	11,867	11,465	11,250
6 Fish-based animal foods	175	190	197	190	189	202
7 Pharmaceuticals, marine-based	1,280	1,275	1,383	1,488	1,723	1,774
8 Construction, coastal and marine	5,218	5,551	6,334	5,515	5,499	6,192
9 Conservation	3,281	3,625	4,457	3,867	3,772	4,115
10 Dredging	192	191	197	171	190	235
11 Recreation facilities	1,745	1,735	1,683	1,478	1,536	1,838
12 Research and education, marine	8,423	8,781	9,076	9,274	9,042	9,539
13 Scientific research	5,294	5,450	5,868	6,069	6,225	6,724
14 National defense R&D	145	146	140	142	139	147
15 Federal nondefense R&D	1,417	1,525	1,639	1,648	1,618	1,655
16 State and local R&D	1,798	1,917	2,012	2,109	2,105	2,189
17 Nonacademic R&D	1,934	1,863	2,078	2,172	2,363	2,729
18 Educational programs and courses	2,814	2,986	2,857	2,856	2,497	2,511
19 Vocational training	266	289	298	298	286	275
20 Laboratories	49	55	59	61	53	54
21 Transportation and warehousing, marine	53,170	53,912	52,648	54,434	56,633	57,751
22 Freight transportation	32,199	32,852	31,661	30,984	30,927	30,054
23 Passenger transportation	18,424	18,513	18,307	20,427	22,605	24,500
24 Warehousing and storage	2,547	2,548	2,667	2,924	2,995	3,161
25 Professional and technical services, marine	5,948	6,279	6,572	6,520	6,491	5,845
26 Minerals, offshore	133,557	123,300	97,190	93,478	97,887	110,230
27 Oil and gas	130,454	120,158	94,066	90,041	94,402	107,123
28 Sand and gravel	2,503	2,533	2,441	2,703	2,731	2,587
29 Support services	600	578	530	505	532	416
30 Utilities, coastal	13,670	15,991	15,690	14,930	13,563	12,620
31 Traditional power generation	13,670	15,991	15,690	14,930	13,563	12,620
32 Ship and boat building, nonrecreational	13,473	16,620	21,600	22,202	22,480	30,555
33 Ship building <sup>1</sup>	10,795	13,471	18,859	19,322	19,500	27,795
34 Barges and other nonpropelled ships	239	186	156	165	160	157
35 Military ships	9,900	12,606	18,160	18,578	18,734	27,058
36 Other ships	656	682	556	591	618	599
37 Boat building <sup>2</sup>	2,678	3,150	2,769	2,907	3,006	2,837
38 Fishing boats	179	187	152	163	168	163
39 Tugboats and towboats	430	448	365	390	402	392
40 Outboard motorboats	202	311	291	285	311	244
41 Inboard motorboats	651	877	823	872	889	867
42 Other boats	1,216	1,328	1,139	1,199	1,238	1,175
43 Tourism and recreation, coastal and offshore	206,702	210,980	212,862	217,635	222,169	224,864
44 Guided tours	14,348	13,406	12,026	13,122	13,938	13,985
45 Water guided tours	8,908	8,018	6,729	7,542	8,162	8,051
46 Other scenic tours	5,440	5,387	5,296	5,580	5,776	5,934
47 Recreational fishing, offshore	4,413	4,985	6,737	7,101	7,320	7,543
48 Boating and paddling, offshore	44,819	45,190	44,783	45,668	46,355	47,172
49 Sailing	1,731	1,804	1,904	1,957	1,959	2,007
50 Motorboating	26,679	27,078	26,954	27,538	27,879	28,445
51 Canoeing	122	135	139	139	146	148
52 Kayaking	88	97	96	98	100	99
53 Other boating and paddling <sup>3</sup>	16,200	16,053	15,607	15,842	16,187	16,377
54 Other water activities <sup>4</sup>	1,187	1,334	1,348	1,329	1,379	1,356
55 Other coastal recreation	27,910	28,280	28,271	28,857	29,555	29,555
56 Maritime museums and cultural institutions	1,252	1,178	1,178	1,254	1,224	1,270
57 Beachgoing	176	171	162	173	181	175
58 Amusement parks	1,745	1,805	1,877	2,060	2,191	2,225
59 Hiking and camping	1,013	965	985	983	1,009	1,016
60 RVing	9,740	9,591	9,402	9,515	9,768	9,828
61 Photography	350	491	440	449	441	474
62 Other general expenses	13,633	14,059	14,169	14,334	14,643	14,467
63 Trips and travel, coastal	114,026	117,761	119,572	121,381	123,403	125,047
64 Eating and drinking places	17,117	17,858	18,249	18,731	19,294	19,490
65 Hotel and lodging places	66,781	69,064	70,343	70,837	71,188	72,056

**Table 19. Real Marine Economy Gross Output by Activity**

[Millions of chained (2014) dollars]

Bureau of Economic Analysis

	2014	2015	2016	2017	2018	2019
66 Travel arrangement services	2,675	2,850	3,087	3,286	3,533	3,718
67 Transportation services	27,453	27,950	27,717	28,429	29,417	29,830
68 National defense and public administration	162,942	161,589	161,954	158,780	158,364	167,055
69 National defense and coast guard	153,497	152,239	152,478	148,933	148,183	156,769
70 Federal public administration	8,440	8,319	8,399	8,751	9,063	9,150
71 State and local public administration	1,005	1,031	1,077	1,095	1,114	1,137

**Legend / Footnotes:**

1. Consists of government and commercial vessels built in shipyards. Vessels include (but not limited to): naval surface combatants, cargo ships, barges, oil drilling platforms, passenger ships, tugboats, research vessels, submarines, and fishing vessels.
2. Consists of government and commercial vessels not built in shipyards. Vessels include (but not limited to): commercial fishing boats, motorboats (inboard and outboard), inflatables, tour boats, sailboats, and underwater remote operated vehicles. Activity associated with the manufacture of boats and other water craft used for recreational purposes is included in tourism and recreation sector.
3. Consists of (but not limited to) hovercraft, personal watercrafts, pontoon boats, life rafts and associated expenses such as repair services, insurance, fuel, etc.
4. Consists of swimming, snorkeling, SCUBA diving, surfing, and related water activities.

**Table 20. Marine Economy Gross Output by Activity**

[Millions of current dollars]

Bureau of Economic Analysis

	2014	2015	2016	2017	2018	2019
<b>1 Total Marine Economy</b>	<b>626,263</b>	<b>589,023</b>	<b>572,111</b>	<b>593,685</b>	<b>629,764</b>	<b>665,686</b>
2 Living resources, marine	23,159	23,941	24,555	25,362	25,980	26,603
3 Commercial harvest, seafood markets, and processing	21,704	22,455	22,957	23,637	23,947	24,432
4 Commercial harvest and seafood markets	10,538	10,260	10,953	11,110	11,444	11,739
5 Seafood processing	11,166	12,195	12,004	12,527	12,504	12,693
6 Fish-based animal foods	175	163	160	161	165	169
7 Pharmaceuticals, marine-based	1,280	1,322	1,439	1,563	1,868	2,003
8 Construction, coastal and marine	5,218	5,613	6,416	5,748	5,959	6,956
9 Conservation	3,281	3,667	4,491	4,000	4,045	4,577
10 Dredging	192	193	198	177	203	262
11 Recreation facilities	1,745	1,753	1,726	1,570	1,710	2,117
12 Research and education, marine	8,423	8,853	9,200	9,607	9,664	10,414
13 Scientific research	5,294	5,443	5,864	6,194	6,582	7,261
14 National defense R&D	145	145	141	145	146	157
15 Federal nondefense R&D	1,417	1,526	1,687	1,731	1,766	1,857
16 State and local R&D	1,798	1,870	1,946	2,072	2,135	2,236
17 Nonacademic R&D	1,934	1,902	2,090	2,246	2,536	3,011
18 Educational programs and courses	2,814	3,061	2,968	3,033	2,715	2,792
19 Vocational training	266	293	308	316	309	302
20 Laboratories	49	57	61	64	58	59
21 Transportation and warehousing, marine	53,170	54,343	54,099	57,530	61,925	63,776
22 Freight transportation	32,199	33,088	31,563	32,471	34,179	34,381
23 Passenger transportation	18,424	18,668	19,807	21,985	24,482	25,954
24 Warehousing and storage	2,547	2,587	2,728	3,074	3,264	3,441
25 Professional and technical services, marine	5,948	6,384	6,726	6,724	6,754	6,262
26 Minerals, offshore	133,557	95,497	70,690	75,600	87,213	93,062
27 Oil and gas	130,454	92,558	67,929	72,420	83,829	89,940
28 Sand and gravel	2,503	2,346	2,207	2,640	2,800	2,654
29 Support services	600	593	555	540	584	469
30 Utilities, coastal	13,670	14,116	12,662	12,455	12,542	12,123
31 Traditional power generation	13,670	14,116	12,662	12,455	12,542	12,123
32 Ship and boat building, nonrecreational	13,473	16,715	21,715	22,360	22,772	31,236
33 Ship building <sup>1</sup>	10,795	13,516	18,870	19,379	19,668	28,228
34 Barges and other nonpropelled ships	239	186	154	163	159	166
35 Military ships	9,900	12,631	18,142	18,610	18,888	27,451
36 Other ships	656	700	573	605	621	611
37 Boat building <sup>2</sup>	2,678	3,198	2,845	2,981	3,104	3,008
38 Fishing boats	179	192	157	167	169	167
39 Tugboats and towboats	430	460	376	399	405	400
40 Outboard motorboats	202	314	297	291	328	268
41 Inboard motorboats	651	880	844	898	940	943
42 Other boats	1,216	1,353	1,171	1,226	1,263	1,230
43 Tourism and recreation, coastal and offshore	206,702	201,688	202,980	215,150	228,948	234,867
44 Guided tours	14,348	13,703	12,507	13,843	15,067	15,523
45 Water guided tours	8,908	8,190	6,992	7,944	8,803	8,926
46 Other scenic tours	5,440	5,513	5,515	5,899	6,265	6,597
47 Recreational fishing, offshore	4,413	5,007	6,778	7,200	7,458	7,987
48 Boating and paddling, offshore	44,819	38,705	36,586	39,778	43,435	43,476
49 Sailing	1,731	1,840	1,965	2,017	2,075	2,182
50 Motorboating	26,679	23,924	23,003	24,836	26,867	27,259
51 Canoeing	122	137	143	145	156	163
52 Kayaking	88	98	99	101	106	108
53 Other boating and paddling <sup>3</sup>	16,200	12,706	11,376	12,679	14,230	13,765
54 Other water activities <sup>4</sup>	1,187	1,347	1,374	1,359	1,435	1,441
55 Other coastal recreation	27,910	27,036	26,744	27,959	29,410	29,621
56 Maritime museums and cultural institutions	1,252	1,204	1,221	1,332	1,330	1,407
57 Beachgoing	176	171	165	178	187	184
58 Amusement parks	1,745	1,883	2,047	2,328	2,533	2,690
59 Hiking and camping	1,013	990	992	1,004	1,061	1,082
60 RVing	9,740	8,223	7,698	8,342	9,193	9,062
61 Photography	350	477	403	421	420	439
62 Other general expenses	13,633	14,087	14,219	14,356	14,686	14,757
63 Trips and travel, coastal	114,026	115,892	118,992	125,012	132,143	136,820
64 Eating and drinking places	17,117	18,407	19,293	20,278	21,427	22,245
65 Hotel and lodging places	66,781	71,014	74,561	77,352	80,434	84,060

**Table 20. Marine Economy Gross Output by Activity**

[Millions of current dollars]

Bureau of Economic Analysis

	2014	2015	2016	2017	2018	2019	
66	Travel arrangement services	2,675	2,863	3,116	3,327	3,599	3,861
67	Transportation services	27,453	23,608	22,023	24,055	26,684	26,654
68	National defense and public administration	162,942	161,875	163,069	163,151	168,008	180,387
69	National defense and coast guard	153,497	152,552	153,539	152,969	157,090	169,117
70	Federal public administration	8,440	8,290	8,464	9,075	9,749	10,064
71	State and local public administration	1,005	1,033	1,067	1,107	1,169	1,207

**Legend / Footnotes:**

1. Consists of government and commercial vessels built in shipyards. Vessels include (but not limited to): naval surface combatants, cargo ships, barges, oil drilling platforms, passenger ships, tugboats, research vessels, submarines, and fishing vessels.
2. Consists of government and commercial vessels not built in shipyards. Vessels include (but not limited to): commercial fishing boats, motorboats (inboard and outboard), inflatables, tour boats, sailboats, and underwater remote operated vehicles. Activity associated with the manufacture of boats and other water craft used for recreational purposes is included in tourism and recreation sector.
3. Consists of (but not limited to) hovercraft, personal watercrafts, pontoon boats, life rafts and associated expenses such as repair services, insurance, fuel, etc.
4. Consists of swimming, snorkeling, SCUBA diving, surfing, and related water activities.

**Table 21. Chain-Type Quantity Indexes for Marine Economy Gross Output by Activity**

[index numbers, 2014 = 100]

Bureau of Economic Analysis

	2014	2015	2016	2017	2018	2019
<b>1 Total Marine Economy</b>	<b>100.000</b>	<b>100.397</b>	<b>98.292</b>	<b>98.305</b>	<b>99.679</b>	<b>104.715</b>
2 Living resources, marine	100.000	106.094	107.466	108.995	106.699	106.480
3 Commercial harvest, seafood markets, and processing	100.000	106.469	107.385	108.533	104.962	104.434
4 Commercial harvest and seafood markets	100.000	103.123	108.147	111.173	107.640	108.724
5 Seafood processing	100.000	109.543	106.773	106.282	102.678	100.756
6 Fish-based animal foods	100.000	108.738	112.505	108.651	107.950	115.580
7 Pharmaceuticals, marine-based	100.000	99.611	107.988	116.239	134.576	138.566
8 Construction, coastal and marine	100.000	106.370	121.385	105.673	105.372	118.651
9 Conservation	100.000	110.489	135.846	117.848	114.976	125.403
10 Dredging	100.000	99.273	102.419	89.121	98.661	122.245
11 Recreation facilities	100.000	99.402	96.407	84.695	88.027	105.301
12 Research and education, marine	100.000	104.248	107.747	110.100	107.342	113.245
13 Scientific research	100.000	102.936	110.842	114.634	117.581	126.998
14 National defense R&D	100.000	100.594	96.444	98.038	95.728	101.216
15 Federal nondefense R&D	100.000	107.603	115.604	116.244	114.142	116.779
16 State and local R&D	100.000	106.626	111.893	117.304	117.086	121.723
17 Nonacademic R&D	100.000	96.369	107.449	112.323	122.210	141.128
18 Educational programs and courses	100.000	106.126	101.541	101.506	88.743	89.242
19 Vocational training	100.000	108.641	112.206	111.920	107.413	103.494
20 Laboratories	100.000	112.663	119.098	123.379	108.513	109.076
21 Transportation and warehousing, marine	100.000	101.397	99.018	102.378	106.513	108.617
22 Freight transportation	100.000	102.030	98.331	96.228	96.049	93.339
23 Passenger transportation	100.000	100.481	99.362	110.873	122.690	132.979
24 Warehousing and storage	100.000	100.030	104.715	114.809	117.572	124.095
25 Professional and technical services, marine	100.000	105.558	110.479	109.608	109.117	98.257
26 Minerals, offshore	100.000	92.320	72.771	69.991	73.292	82.534
27 Oil and gas	100.000	92.107	72.107	69.022	72.364	82.116
28 Sand and gravel	100.000	101.198	97.538	108.019	109.136	103.378
29 Support services	100.000	96.233	88.335	84.084	88.610	69.253
30 Utilities, coastal	100.000	116.976	114.777	109.219	99.216	92.319
31 Traditional power generation	100.000	116.976	114.777	109.219	99.216	92.319
32 Ship and boat building, nonrecreational	100.000	123.356	160.322	164.787	166.851	226.787
33 Ship building <sup>1</sup>	100.000	124.795	174.708	178.995	180.643	257.488
34 Barges and other nonpropelled ships	100.000	77.507	65.290	68.918	66.941	65.541
35 Military ships	100.000	127.338	183.443	187.669	189.240	273.327
36 Other ships	100.000	103.910	84.751	90.165	94.278	91.363
37 Boat building <sup>2</sup>	100.000	117.598	103.370	108.523	112.224	105.928
38 Fishing boats	100.000	104.099	84.862	90.684	93.527	91.032
39 Tugboats and towboats	100.000	104.099	84.862	90.684	93.527	91.032
40 Outboard motorboats	100.000	153.913	143.927	140.990	153.938	120.429
41 Inboard motorboats	100.000	134.833	126.559	134.015	136.597	133.255
42 Other boats	100.000	109.207	93.657	98.584	101.784	96.627
43 Tourism and recreation, coastal and offshore	100.000	102.069	102.980	105.289	107.482	108.787
44 Guided tours	100.000	93.434	83.818	91.459	97.146	97.476
45 Water guided tours	100.000	90.018	75.545	84.668	91.630	90.383
46 Other scenic tours	100.000	99.023	97.346	102.567	106.179	109.081
47 Recreational fishing, offshore	100.000	112.942	152.638	160.884	165.867	170.909
48 Boating and paddling, offshore	100.000	100.829	99.920	101.895	103.427	105.251
49 Sailing	100.000	104.224	110.023	113.043	113.165	115.973
50 Motorboating	100.000	101.499	101.034	103.221	104.500	106.619
51 Canoeing	100.000	110.644	113.632	113.987	119.489	121.377
52 Kayaking	100.000	110.452	109.962	111.341	114.554	113.103
53 Other boating and paddling <sup>3</sup>	100.000	99.095	96.340	97.788	99.922	101.092
54 Other water activities <sup>4</sup>	100.000	112.386	113.553	111.961	116.178	114.206
55 Other coastal recreation	100.000	101.327	101.296	103.394	105.896	105.894
56 Maritime museums and cultural institutions	100.000	94.128	94.119	100.205	97.813	101.457
57 Beachgoing	100.000	97.055	92.377	98.580	102.933	99.347
58 Amusement parks	100.000	103.437	107.529	118.006	125.553	127.496
59 Hiking and camping	100.000	95.257	97.234	97.022	99.582	100.235
60 RVing	100.000	98.475	96.531	97.688	100.289	100.906
61 Photography	100.000	140.166	125.549	128.163	125.922	135.375
62 Other general expenses	100.000	103.123	103.931	105.136	107.403	106.111
63 Trips and travel, coastal	100.000	103.275	104.863	106.450	108.223	109.665
64 Eating and drinking places	100.000	104.325	106.612	109.428	112.718	113.865
65 Hotel and lodging places	100.000	103.419	105.334	106.074	106.599	107.898

**Table 21. Chain-Type Quantity Indexes for Marine Economy Gross Output by Activity**

[index numbers, 2014 = 100]

Bureau of Economic Analysis

		2014	2015	2016	2017	2018	2019
66	Travel arrangement services	100.000	106.553	115.407	122.851	132.073	138.977
67	Transportation services	100.000	101.811	100.962	103.553	107.152	108.659
68	National defense and public administration	100.000	99.169	99.393	97.445	97.190	102.524
69	National defense and coast guard	100.000	99.180	99.336	97.027	96.538	102.132
70	Federal public administration	100.000	98.563	99.515	103.677	107.377	108.408
71	State and local public administration	100.000	102.562	107.077	108.874	110.770	113.079

**Legend / Footnotes:**

1. Consists of government and commercial vessels built in shipyards. Vessels include (but not limited to): naval surface combatants, cargo ships, barges, oil drilling platforms, passenger ships, tugboats, research vessels, submarines, and fishing vessels.
2. Consists of government and commercial vessels not built in shipyards. Vessels include (but not limited to): commercial fishing boats, motorboats (inboard and outboard), inflatables, tour boats, sailboats, and underwater remote operated vehicles. Activity associated with the manufacture of boats and other water craft used for recreational purposes is included in tourism and recreation sector.
3. Consists of (but not limited to) hovercraft, personal watercrafts, pontoon boats, life rafts and associated expenses such as repair services, insurance, fuel, etc.
4. Consists of swimming, snorkeling, SCUBA diving, surfing, and related water activities.



**Table 22. Percent Changes in Chain-Type Quantity Indexes for Marine Economy Gross Output by Activity**

[Percent Change]

Bureau of Economic Analysis

	2015	2016	2017	2018	2019
<b>1 Total Marine Economy</b>	<b>0.4</b>	<b>-2.1</b>	<b>0.0</b>	<b>1.4</b>	<b>5.1</b>
2 Living resources, marine	6.1	1.3	1.4	-2.1	-0.2
3 Commercial harvest, seafood markets, and processing	6.5	0.9	1.1	-3.3	-0.5
4 Commercial harvest and seafood markets	3.1	4.9	2.8	-3.2	1.0
5 Seafood processing	9.5	-2.5	-0.5	-3.4	-1.9
6 Fish-based animal foods	8.7	3.5	-3.4	-0.6	7.1
7 Pharmaceuticals, marine-based	-0.4	8.4	7.6	15.8	3.0
8 Construction, coastal and marine	6.4	14.1	-12.9	-0.3	12.6
9 Conservation	10.5	22.9	-13.2	-2.4	9.1
10 Dredging	-0.7	3.2	-13.0	10.7	23.9
11 Recreation facilities	-0.6	-3.0	-12.1	3.9	19.6
12 Research and education, marine	4.2	3.4	2.2	-2.5	5.5
13 Scientific research	2.9	7.7	3.4	2.6	8.0
14 National defense R&D	0.6	-4.1	1.7	-2.4	5.7
15 Federal nondefense R&D	7.6	7.4	0.6	-1.8	2.3
16 State and local R&D	6.6	4.9	4.8	-0.2	4.0
17 Nonacademic R&D	-3.6	11.5	4.5	8.8	15.5
18 Educational programs and courses	6.1	-4.3	0.0	-12.6	0.6
19 Vocational training	8.6	3.3	-0.3	-4.0	-3.6
20 Laboratories	12.7	5.7	3.6	-12.0	0.5
21 Transportation and warehousing, marine	1.4	-2.3	3.4	4.0	2.0
22 Freight transportation	2.0	-3.6	-2.1	-0.2	-2.8
23 Passenger transportation	0.5	-1.1	11.6	10.7	8.4
24 Warehousing and storage	0.0	4.7	9.6	2.4	5.5
25 Professional and technical services, marine	5.6	4.7	-0.8	-0.4	-10.0
26 Minerals, offshore	-7.7	-21.2	-3.8	4.7	12.6
27 Oil and gas	-7.9	-21.7	-4.3	4.8	13.5
28 Sand and gravel	1.2	-3.6	10.7	1.0	-5.3
29 Support services	-3.8	-8.2	-4.8	5.4	-21.8
30 Utilities, coastal	17.0	-1.9	-4.8	-9.2	-7.0
31 Traditional power generation	17.0	-1.9	-4.8	-9.2	-7.0
32 Ship and boat building, nonrecreational	23.4	30.0	2.8	1.3	35.9
33 Ship building <sup>1</sup>	24.8	40.0	2.5	0.9	42.5
34 Barges and other nonpropelled ships	-22.5	-15.8	5.6	-2.9	-2.1
35 Military ships	27.3	44.1	2.3	0.8	44.4
36 Other ships	3.9	-18.4	6.4	4.6	-3.1
37 Boat building <sup>2</sup>	17.6	-12.1	5.0	3.4	-5.6
38 Fishing boats	4.1	-18.5	6.9	3.1	-2.7
39 Tugboats and towboats	4.1	-18.5	6.9	3.1	-2.7
40 Outboard motorboats	53.9	-6.5	-2.0	9.2	-21.8
41 Inboard motorboats	34.8	-6.1	5.9	1.9	-2.4
42 Other boats	9.2	-14.2	5.3	3.2	-5.1
43 Tourism and recreation, coastal and offshore	2.1	0.9	2.2	2.1	1.2
44 Guided tours	-6.6	-10.3	9.1	6.2	0.3
45 Water guided tours	-10.0	-16.1	12.1	8.2	-1.4
46 Other scenic tours	-1.0	-1.7	5.4	3.5	2.7
47 Recreational fishing, offshore	12.9	35.1	5.4	3.1	3.0
48 Boating and paddling, offshore	0.8	-0.9	2.0	1.5	1.8
49 Sailing	4.2	5.6	2.7	0.1	2.5
50 Motorboating	1.5	-0.5	2.2	1.2	2.0
51 Canoeing	10.6	2.7	0.3	4.8	1.6
52 Kayaking	10.5	-0.4	1.3	2.9	-1.3
53 Other boating and paddling <sup>3</sup>	-0.9	-2.8	1.5	2.2	1.2
54 Other water activities <sup>4</sup>	12.4	1.0	-1.4	3.8	-1.7
55 Other coastal recreation	1.3	0.0	2.1	2.4	0.0
56 Maritime museums and cultural institutions	-5.9	0.0	6.5	-2.4	3.7
57 Beachgoing	-2.9	-4.8	6.7	4.4	-3.5
58 Amusement parks	3.4	4.0	9.7	6.4	1.5
59 Hiking and camping	-4.7	2.1	-0.2	2.6	0.7
60 RVing	-1.5	-2.0	1.2	2.7	0.6

**Table 22. Percent Changes in Chain-Type Quantity Indexes for Marine Economy Gross Output by Activity**

[Percent Change]

Bureau of Economic Analysis

		2015	2016	2017	2018	2019
61	Photography	40.2	-10.4	2.1	-1.7	7.5
62	Other general expenses	3.1	0.8	1.2	2.2	-1.2
63	Trips and travel, coastal	3.3	1.5	1.5	1.7	1.3
64	Eating and drinking places	4.3	2.2	2.6	3.0	1.0
65	Hotel and lodging places	3.4	1.9	0.7	0.5	1.2
66	Travel arrangement services	6.6	8.3	6.5	7.5	5.2
67	Transportation services	1.8	-0.8	2.6	3.5	1.4
68	National defense and public administration	-0.8	0.2	-2.0	-0.3	5.5
69	National defense and coast guard	-0.8	0.2	-2.3	-0.5	5.8
70	Federal public administration	-1.4	1.0	4.2	3.6	1.0
71	State and local public administration	2.6	4.4	1.7	1.7	2.1

**Legend / Footnotes:**

1. Consists of government and commercial vessels built in shipyards. Vessels include (but not limited to): naval surface combatants, cargo ships, barges, oil drilling platforms, passenger ships, tugboats, research vessels, submarines, and fishing vessels.

2. Consists of government and commercial vessels not built in shipyards. Vessels include (but not limited to): commercial fishing boats, motorboats (inboard and outboard), inflatables, tour boats, sailboats, and underwater remote operated vehicles. Activity associated with the manufacture of boats and other water craft used for recreational purposes is included in tourism and recreation sector.

3. Consists of (but not limited to) hovercraft, personal watercrafts, pontoon boats, life rafts and associated expenses such as repair services, insurance, fuel, etc.

4. Consists of swimming, snorkeling, SCUBA diving, surfing, and related water activities.

**Table 23. Chain-Type Price Indexes for Marine Economy Gross Output by Activity**

[index numbers, 2014 = 100]

Bureau of Economic Analysis

	2014	2015	2016	2017	2018	2019
<b>1 Total Marine Economy</b>	<b>100.000</b>	<b>93.681</b>	<b>92.941</b>	<b>96.433</b>	<b>100.882</b>	<b>101.508</b>
2 Living resources, marine	100.000	97.439	98.665	100.476	105.139	107.882
3 Commercial harvest, seafood markets, and processing	100.000	97.176	98.500	100.347	105.122	107.790
4 Commercial harvest and seafood markets	100.000	94.414	96.105	94.835	100.885	102.453
5 Seafood processing	100.000	99.706	100.692	105.561	109.066	112.828
6 Fish-based animal foods	100.000	85.903	81.088	84.995	87.268	83.604
7 Pharmaceuticals, marine-based	100.000	103.670	104.076	105.044	108.401	112.882
8 Construction, coastal and marine	100.000	101.112	101.281	104.226	108.361	112.337
9 Conservation	100.000	101.148	100.768	103.449	107.228	111.234
10 Dredging	100.000	101.129	100.819	103.502	107.308	111.345
11 Recreation facilities	100.000	101.038	102.569	106.233	111.309	115.211
12 Research and education, marine	100.000	100.824	101.375	103.590	106.888	109.176
13 Scientific research	100.000	99.875	99.925	102.063	105.742	107.998
14 National defense R&D	100.000	99.231	100.890	101.794	105.250	107.272
15 Federal nondefense R&D	100.000	100.040	102.961	105.086	109.154	112.178
16 State and local R&D	100.000	97.544	96.708	98.230	101.387	102.162
17 Nonacademic R&D	100.000	102.074	100.586	103.410	107.307	110.334
18 Educational programs and courses	100.000	102.495	103.880	106.176	108.720	111.178
19 Vocational training	100.000	101.449	103.111	106.081	108.317	109.661
20 Laboratories	100.000	102.348	104.064	106.075	108.221	110.386
21 Transportation and warehousing, marine	100.000	100.799	102.756	105.687	109.344	110.433
22 Freight transportation	100.000	100.717	99.691	104.799	110.517	114.398
23 Passenger transportation	100.000	100.839	108.196	107.625	108.305	105.936
24 Warehousing and storage	100.000	101.538	102.293	105.122	108.990	108.864
25 Professional and technical services, marine	100.000	101.672	102.348	103.134	104.058	107.137
26 Minerals, offshore	100.000	77.451	72.734	80.874	89.095	84.425
27 Oil and gas	100.000	77.030	72.214	80.430	88.800	83.959
28 Sand and gravel	100.000	92.617	90.405	97.635	102.493	102.563
29 Support services	100.000	102.605	104.550	106.906	109.719	112.663
30 Utilities, coastal	100.000	88.274	80.698	83.418	92.472	96.064
31 Traditional power generation	100.000	88.274	80.698	83.418	92.472	96.064
32 Ship and boat building, nonrecreational	100.000	100.570	100.530	100.710	101.298	102.228
33 Ship building <sup>1</sup>	100.000	100.335	100.054	100.295	100.861	101.559
34 Barges and other nonpropelled ships	100.000	100.021	98.798	99.076	99.208	105.899
35 Military ships	100.000	100.199	99.902	100.172	100.821	101.453
36 Other ships	100.000	102.697	103.069	102.327	100.450	101.978
37 Boat building <sup>2</sup>	100.000	101.538	102.771	102.542	103.268	106.011
38 Fishing boats	100.000	102.687	103.058	102.328	100.552	102.118
39 Tugboats and towboats	100.000	102.687	103.058	102.328	100.552	102.118
40 Outboard motorboats	100.000	100.780	101.932	101.991	105.263	110.019
41 Inboard motorboats	100.000	100.303	102.526	102.991	105.739	108.816
42 Other boats	100.000	101.889	102.859	102.286	102.081	104.662
43 Tourism and recreation, coastal and offshore	100.000	95.596	95.358	98.858	103.051	104.448
44 Guided tours	100.000	102.216	104.004	105.493	108.102	110.992
45 Water guided tours	100.000	102.140	103.907	105.334	107.849	110.864
46 Other scenic tours	100.000	102.335	104.149	105.720	108.459	111.175
47 Recreational fishing, offshore	100.000	100.450	100.607	101.404	101.872	105.880
48 Boating and paddling, offshore	100.000	85.649	81.695	87.101	93.700	92.163
49 Sailing	100.000	101.981	103.173	103.094	105.951	108.699
50 Motorboating	100.000	88.350	85.340	90.189	96.370	95.830
51 Canoeing	100.000	101.712	103.180	104.205	107.091	110.048
52 Kayaking	100.000	101.048	102.505	103.066	105.595	108.740
53 Other boating and paddling <sup>3</sup>	100.000	79.150	72.892	80.038	87.909	84.049
54 Other water activities <sup>4</sup>	100.000	100.963	101.936	102.267	104.075	106.329
55 Other coastal recreation	100.000	95.600	94.596	96.889	99.510	100.225
56 Maritime museums and cultural institutions	100.000	102.228	103.611	106.171	108.636	110.794
57 Beachgoing	100.000	100.062	101.641	102.597	103.344	105.614
58 Amusement parks	100.000	104.323	109.044	113.015	115.577	120.863
59 Hiking and camping	100.000	102.579	100.698	102.094	105.192	106.546
60 RVing	100.000	85.735	81.872	87.670	94.110	92.208
61 Photography	100.000	97.074	91.659	93.800	95.212	92.455
62 Other general expenses	100.000	100.200	100.348	100.155	100.298	102.009
63 Trips and travel, coastal	100.000	98.413	99.516	102.991	107.083	109.415
64 Eating and drinking places	100.000	103.075	105.719	108.257	111.053	114.132
65 Hotel and lodging places	100.000	102.824	105.996	109.197	112.988	116.660

**Table 23. Chain-Type Price Indexes for Marine Economy Gross Output by Activity**

[index numbers, 2014 = 100]

Bureau of Economic Analysis

		2014	2015	2016	2017	2018	2019
66	Travel arrangement services	100.000	100.464	100.932	101.234	101.868	103.845
67	Transportation services	100.000	84.463	79.455	84.616	90.711	89.353
68	National defense and public administration	100.000	100.177	100.689	102.753	106.090	107.981
69	National defense and coast guard	100.000	100.206	100.696	102.710	106.011	107.876
70	Federal public administration	100.000	99.650	100.763	103.705	107.566	109.988
71	State and local public administration	100.000	100.142	99.080	101.132	105.006	106.149

**Legend / Footnotes:**

1. Consists of government and commercial vessels built in shipyards. Vessels include (but not limited to): naval surface combatants, cargo ships, barges, oil drilling platforms, passenger ships, tugboats, research vessels, submarines, and fishing vessels.
2. Consists of government and commercial vessels not built in shipyards. Vessels include (but not limited to): commercial fishing boats, motorboats (inboard and outboard), inflatables, tour boats, sailboats, and underwater remote operated vehicles. Activity associated with the manufacture of boats and other water craft used for recreational purposes is included in tourism and recreation sector.
3. Consists of (but not limited to) hovercraft, personal watercrafts, pontoon boats, life rafts and associated expenses such as repair services, insurance, fuel, etc.
4. Consists of swimming, snorkeling, SCUBA diving, surfing, and related water activities.

**Table 24. Percent Changes in Chain-Type Price Indexes for Marine Economy Gross Output by Activity**

[Percent Change]

Bureau of Economic Analysis

	2015	2016	2017	2018	2019
<b>1 Total Marine Economy</b>	<b>-6.3</b>	<b>-0.8</b>	<b>3.8</b>	<b>4.6</b>	<b>0.6</b>
2 Living resources, marine	-2.6	1.3	1.8	4.6	2.6
3 Commercial harvest, seafood markets, and processing	-2.8	1.4	1.9	4.8	2.5
4 Commercial harvest and seafood markets	-5.6	1.8	-1.3	6.4	1.6
5 Seafood processing	-0.3	1.0	4.8	3.3	3.4
6 Fish-based animal foods	-14.1	-5.6	4.8	2.7	-4.2
7 Pharmaceuticals, marine-based	3.7	0.4	0.9	3.2	4.1
8 Construction, coastal and marine	1.1	0.2	2.9	4.0	3.7
9 Conservation	1.1	-0.4	2.7	3.7	3.7
10 Dredging	1.1	-0.3	2.7	3.7	3.8
11 Recreation facilities	1.0	1.5	3.6	4.8	3.5
12 Research and education, marine	0.8	0.5	2.2	3.2	2.1
13 Scientific research	-0.1	0.1	2.1	3.6	2.1
14 National defense R&D	-0.8	1.7	0.9	3.4	1.9
15 Federal nondefense R&D	0.0	2.9	2.1	3.9	2.8
16 State and local R&D	-2.5	-0.9	1.6	3.2	0.8
17 Nonacademic R&D	2.1	-1.5	2.8	3.8	2.8
18 Educational programs and courses	2.5	1.4	2.2	2.4	2.3
19 Vocational training	1.4	1.6	2.9	2.1	1.2
20 Laboratories	2.3	1.7	1.9	2.0	2.0
21 Transportation and warehousing, marine	0.8	1.9	2.9	3.5	1.0
22 Freight transportation	0.7	-1.0	5.1	5.5	3.5
23 Passenger transportation	0.8	7.3	-0.5	0.6	-2.2
24 Warehousing and storage	1.5	0.7	2.8	3.7	-0.1
25 Professional and technical services, marine	1.7	0.7	0.8	0.9	3.0
26 Minerals, offshore	-22.5	-6.1	11.2	10.2	-5.2
27 Oil and gas	-23.0	-6.3	11.4	10.4	-5.5
28 Sand and gravel	-7.4	-2.4	8.0	5.0	0.1
29 Support services	2.6	1.9	2.3	2.6	2.7
30 Utilities, coastal	-11.7	-8.6	3.4	10.9	3.9
31 Traditional power generation	-11.7	-8.6	3.4	10.9	3.9
32 Ship and boat building, nonrecreational	0.6	0.0	0.2	0.6	0.9
33 Ship building <sup>1</sup>	0.3	-0.3	0.2	0.6	0.7
34 Barges and other nonpropelled ships	0.0	-1.2	0.3	0.1	6.7
35 Military ships	0.2	-0.3	0.3	0.6	0.6
36 Other ships	2.7	0.4	-0.7	-1.8	1.5
37 Boat building <sup>2</sup>	1.5	1.2	-0.2	0.7	2.7
38 Fishing boats	2.7	0.4	-0.7	-1.7	1.6
39 Tugboats and towboats	2.7	0.4	-0.7	-1.7	1.6
40 Outboard motorboats	0.8	1.1	0.1	3.2	4.5
41 Inboard motorboats	0.3	2.2	0.5	2.7	2.9
42 Other boats	1.9	1.0	-0.6	-0.2	2.5
43 Tourism and recreation, coastal and offshore	-4.4	-0.2	3.7	4.2	1.4
44 Guided tours	2.2	1.7	1.4	2.5	2.7
45 Water guided tours	2.1	1.7	1.4	2.4	2.8
46 Other scenic tours	2.3	1.8	1.5	2.6	2.5
47 Recreational fishing, offshore	0.5	0.2	0.8	0.5	3.9
48 Boating and paddling, offshore	-14.4	-4.6	6.6	7.6	-1.6
49 Sailing	2.0	1.2	-0.1	2.8	2.6
50 Motorboating	-11.6	-3.4	5.7	6.9	-0.6
51 Canoeing	1.7	1.4	1.0	2.8	2.8
52 Kayaking	1.0	1.4	0.5	2.5	3.0
53 Other boating and paddling <sup>3</sup>	-20.8	-7.9	9.8	9.8	-4.4
54 Other water activities <sup>4</sup>	1.0	1.0	0.3	1.8	2.2
55 Other coastal recreation	-4.4	-1.1	2.4	2.7	0.7
56 Maritime museums and cultural institutions	2.2	1.4	2.5	2.3	2.0
57 Beachgoing	0.1	1.6	0.9	0.7	2.2
58 Amusement parks	4.3	4.5	3.6	2.3	4.6
59 Hiking and camping	2.6	-1.8	1.4	3.0	1.3
60 RVing	-14.3	-4.5	7.1	7.3	-2.0

**Table 24. Percent Changes in Chain-Type Price Indexes for Marine Economy Gross Output by Activity**

[Percent Change]

Bureau of Economic Analysis

	2015	2016	2017	2018	2019
61 Photography	-2.9	-5.6	2.3	1.5	-2.9
62 Other general expenses	0.2	0.1	-0.2	0.1	1.7
63 Trips and travel, coastal	-1.6	1.1	3.5	4.0	2.2
64 Eating and drinking places	3.1	2.6	2.4	2.6	2.8
65 Hotel and lodging places	2.8	3.1	3.0	3.5	3.3
66 Travel arrangement services	0.5	0.5	0.3	0.6	1.9
67 Transportation services	-15.5	-5.9	6.5	7.2	-1.5
68 National defense and public administration	0.2	0.5	2.1	3.2	1.8
69 National defense and coast guard	0.2	0.5	2.0	3.2	1.8
70 Federal public administration	-0.3	1.1	2.9	3.7	2.3
71 State and local public administration	0.1	-1.1	2.1	3.8	1.1

**Legend / Footnotes:**

1. Consists of government and commercial vessels built in shipyards. Vessels include (but not limited to): naval surface combatants, cargo ships, barges, oil drilling platforms, passenger ships, tugboats, research vessels, submarines, and fishing vessels.

2. Consists of government and commercial vessels not built in shipyards. Vessels include (but not limited to): commercial fishing boats, motorboats (inboard and outboard), inflatables, tour boats, sailboats, and underwater remote operated vehicles. Activity associated with the manufacture of boats and other water craft used for recreational purposes is included in tourism and recreation sector.

3. Consists of (but not limited to) hovercraft, personal watercrafts, pontoon boats, life rafts and associated expenses such as repair services, insurance, fuel, etc.

4. Consists of swimming, snorkeling, SCUBA diving, surfing, and related water activities.

**Table 25. Real Marine Economy Gross Output by Industry**

[Millions of chained (2014) dollars]

Bureau of Economic Analysis

	2014	2015	2016	2017	2018	2019
1 All Industries	626,263	628,753	615,566	615,648	624,256	655,794
2 Private industries	449,416	452,155	437,618	441,200	451,085	473,592
3 Agriculture, forestry, fishing, and hunting	6,585	6,622	6,685	6,953	6,471	6,482
4 Farms	758	755	780	768	672	677
5 Forestry, fishing, and related activities	5,827	5,868	5,905	6,184	5,798	5,804
6 Mining	116,823	108,955	85,183	82,341	85,956	98,053
7 Oil and gas extraction	77,870	73,155	71,597	69,530	74,849	82,361
8 Mining, except oil and gas	1,432	1,488	1,453	1,472	1,509	1,517
9 Support activities for mining	37,521	34,229	17,913	17,052	16,149	21,030
10 Utilities	9,967	11,605	11,134	10,554	9,703	8,915
11 Construction	4,968	5,268	5,976	5,223	5,144	5,725
12 Manufacturing	71,139	73,263	75,733	75,395	75,656	85,526
13 Durable goods	24,935	25,764	28,132	28,340	28,850	37,249
14 Wood products	4	4	4	4	4	4
15 Nonmetallic mineral products	59	63	68	65	62	64
16 Primary metals	4	3	3	3	3	3
17 Fabricated metal products	208	168	104	101	103	101
18 Machinery	7,830	5,887	3,685	3,359	3,658	4,134
19 Computer and electronic products	275	340	309	301	297	324
20 Electrical equipment, appliances, and components	343	277	234	263	295	281
21 Motor vehicles, bodies and trailers, and parts	323	332	290	272	170	271
22 Other transportation equipment	15,187	17,989	22,726	23,293	23,525	31,436
23 Furniture and related products	28	26	21	20	22	21
24 Miscellaneous manufacturing	673	677	689	657	714	630
25 Nondurable goods	46,205	47,487	46,846	46,136	45,748	45,686
26 Food and beverage and tobacco products	7,867	8,698	8,612	8,242	7,817	7,675
27 Textile mills and textile product mills	176	176	193	187	192	189
28 Apparel and leather and allied products	667	629	735	662	693	724
29 Paper products	1	1	1	1	1	1
30 Printing and related support activities	2	2	2	2	2	2
31 Petroleum and coal products	36,434	36,925	36,135	36,129	36,160	36,226
32 Chemical products	990	892	888	875	962	989
33 Plastics and rubber products	69	67	62	58	59	59
34 Wholesale trade	21,939	20,642	19,278	19,778	20,202	20,234
35 Retail trade	30,182	31,352	32,916	34,338	36,119	36,745
36 Motor vehicle and parts dealers	2,649	3,157	3,575	3,714	3,737	4,083
37 Food and beverage stores	3,292	3,284	3,242	3,381	3,329	3,385
38 General merchandise stores	4,349	4,587	4,574	4,576	4,806	4,768
39 Other retail	19,893	20,336	21,543	22,672	24,248	24,514
40 Transportation and warehousing	67,798	69,386	67,719	69,808	72,993	74,301
41 Air transportation	6,585	6,960	7,024	7,269	7,594	7,749
42 Rail transportation	1,135	974	658	687	762	729
43 Water transportation	33,364	33,386	32,769	34,233	36,285	36,783
44 Truck transportation	5,629	5,979	5,966	5,991	6,053	6,108
45 Transit and ground passenger transportation	707	764	813	940	1,032	1,078
46 Pipeline transportation	3,274	3,468	3,403	3,507	3,883	4,006
47 Other transportation and support activities	15,046	15,789	14,916	14,812	14,977	15,301
48 Warehousing and storage	2,059	2,066	2,183	2,397	2,442	2,580
49 Information	510	541	560	556	614	674
50 Publishing industries, except internet (includes software)	161	176	197	203	220	214
51 Motion picture and sound recording industries	21	22	22	23	23	25
52 Broadcasting and telecommunications	154	155	134	111	108	126
53 Data processing, internet publishing, and other information services	175	189	209	224	271	315
54 Finance, insurance, real estate, rental, and leasing	55,506	57,508	58,889	59,405	59,995	60,273
55 Finance and insurance	6,442	6,850	7,152	7,118	7,069	6,516
56 Federal Reserve banks, credit intermediation, and related activities	72	75	76	78	69	72
57 Securities, commodity contracts, and investments	0	0	0	0	0	0
58 Insurance carriers and related activities	6,369	6,775	7,077	7,040	7,000	6,444
59 Funds, trusts, and other financial vehicles	0	0	0	0	0	0
60 Real estate and rental and leasing	49,063	50,659	51,742	52,287	52,918	53,700
61 Real estate	47,366	48,768	49,652	50,148	50,660	51,340
62 Housing	47,363	48,766	49,649	50,145	50,658	51,338
63 Other real estate	2	2	2	2	2	2
64 Rental and leasing services and lessors of intangible assets	1,698	1,897	2,122	2,179	2,322	2,446
65 Professional and business services	8,543	8,680	9,137	9,718	10,447	10,937
66 Professional, scientific, and technical services	2,776	2,691	2,796	2,888	3,075	3,230

**Table 25. Real Marine Economy Gross Output by Industry**

[Millions of chained (2014) dollars]

Bureau of Economic Analysis

	2014	2015	2016	2017	2018	2019
67 Legal services	599	600	601	624	608	602
68 Computer systems design and related services	40	47	83	123	116	139
69 Miscellaneous professional, scientific, and technical services	2,137	2,043	2,112	2,142	2,355	2,494
70 Management of companies and enterprises	42	40	42	44	46	55
71 Administrative and waste management services	5,725	5,949	6,299	6,786	7,325	7,652
72 Administrative and support services	5,721	5,942	6,292	6,780	7,318	7,643
73 Waste management and remediation services	5	7	8	7	8	11
74 Educational services, health care, and social assistance	2,855	3,045	3,046	3,068	2,833	2,836
75 Educational services	2,739	2,917	2,884	2,900	2,666	2,663
76 Health care and social assistance	115	128	162	168	167	174
77 Ambulatory health care services	40	48	72	79	81	86
78 Hospitals	63	67	77	77	74	76
79 Nursing and residential care facilities	8	7	7	7	7	7
80 Social assistance	5	5	5	5	5	6
81 Arts, entertainment, recreation, accommodation, and food services	49,530	51,041	52,012	53,187	53,814	54,384
82 Arts, entertainment, and recreation	12,604	12,598	12,862	13,588	13,796	13,981
83 Performing arts, spectator sports, museums, and related activities	1,221	1,152	1,142	1,224	1,195	1,240
84 Amusements, gambling, and recreation industries	11,384	11,445	11,720	12,363	12,601	12,740
85 Accommodation and food services	36,925	38,443	39,151	39,605	40,025	40,411
86 Accommodation	21,564	22,369	22,718	22,727	22,613	22,834
87 Food services and drinking places	15,362	16,075	16,432	16,875	17,406	17,570
88 Other services, except government	3,073	3,155	3,195	3,235	3,239	3,213
89 Government	176,847	176,618	177,486	174,311	173,306	182,323
90 Federal	163,441	162,175	162,616	159,426	158,948	167,665
91 General government	163,335	162,073	162,517	159,328	158,845	167,560
92 National defense	150,404	149,196	149,373	145,847	145,098	153,656
93 Nondefense	12,931	12,878	13,145	13,476	13,739	13,907
94 Government enterprises	106	102	99	99	103	105
95 State and local	13,406	14,456	14,896	14,922	14,381	14,670
96 General government	4,876	5,130	5,372	5,432	5,395	5,635
97 Government enterprises	8,530	9,328	9,522	9,485	8,976	9,022



**Table 26. Marine Economy Gross Output by Industry**

[Millions of current dollars]

Bureau of Economic Analysis

	2014	2015	2016	2017	2018	2019
1 All Industries	626,263	589,023	572,111	593,685	629,764	665,686
2 Private industries	449,416	412,461	394,005	415,108	446,229	469,093
3 Agriculture, forestry, fishing, and hunting	6,585	5,967	6,184	6,231	6,270	6,302
4 Farms	758	726	695	703	615	627
5 Forestry, fishing, and related activities	5,827	5,242	5,490	5,529	5,655	5,675
6 Mining	116,823	80,866	58,373	63,848	74,602	79,438
7 Oil and gas extraction	77,870	45,388	39,807	45,680	57,968	58,382
8 Mining, except oil and gas	1,432	1,303	1,210	1,383	1,492	1,473
9 Support activities for mining	37,521	34,175	17,357	16,785	15,141	19,583
10 Utilities	9,967	10,251	9,019	8,832	8,989	8,591
11 Construction	4,968	5,326	6,055	5,447	5,577	6,437
12 Manufacturing	71,139	60,207	57,939	61,888	66,749	73,640
13 Durable goods	24,935	26,018	28,338	28,692	29,474	38,572
14 Wood products	4	4	5	5	5	5
15 Nonmetallic mineral products	59	64	70	71	70	73
16 Primary metals	4	3	3	3	3	3
17 Fabricated metal products	208	171	107	106	110	112
18 Machinery	7,830	5,954	3,707	3,389	3,744	4,318
19 Computer and electronic products	275	334	290	287	291	327
20 Electrical equipment, appliances, and components	343	283	240	271	306	297
21 Motor vehicles, bodies and trailers, and parts	323	334	294	282	184	308
22 Other transportation equipment	15,187	18,158	22,929	23,598	24,012	32,402
23 Furniture and related products	28	27	22	22	24	24
24 Miscellaneous manufacturing	673	685	671	660	726	703
25 Nondurable goods	46,205	34,189	29,601	33,196	37,275	35,068
26 Food and beverage and tobacco products	7,867	8,528	8,455	8,662	8,533	8,655
27 Textile mills and textile product mills	176	179	195	190	194	195
28 Apparel and leather and allied products	667	639	748	682	722	757
29 Paper products	1	1	1	1	1	1
30 Printing and related support activities	2	2	2	2	2	2
31 Petroleum and coal products	36,434	23,835	19,162	22,598	26,626	24,197
32 Chemical products	990	938	974	1,000	1,135	1,194
33 Plastics and rubber products	69	68	65	62	62	66
34 Wholesale trade	21,939	21,283	20,370	21,244	21,899	22,409
35 Retail trade	30,182	32,142	34,402	36,217	38,493	39,937
36 Motor vehicle and parts dealers	2,649	3,114	3,553	3,668	3,799	4,314
37 Food and beverage stores	3,292	3,449	3,524	3,710	3,767	3,907
38 General merchandise stores	4,349	4,520	4,542	4,553	4,762	4,856
39 Other retail	19,893	21,059	22,783	24,286	26,165	26,860
40 Transportation and warehousing	67,798	69,296	68,475	72,428	78,523	81,285
41 Air transportation	6,585	6,587	6,490	6,855	7,443	7,927
42 Rail transportation	1,135	940	622	672	787	775
43 Water transportation	33,364	33,377	33,260	35,720	39,421	40,217
44 Truck transportation	5,629	5,881	5,834	5,990	6,434	6,640
45 Transit and ground passenger transportation	707	779	844	991	1,106	1,168
46 Pipeline transportation	3,274	3,522	3,572	3,705	4,160	4,537
47 Other transportation and support activities	15,046	16,115	15,624	15,979	16,512	17,214
48 Warehousing and storage	2,059	2,096	2,230	2,516	2,661	2,808
49 Information	510	546	570	575	640	722
50 Publishing industries, except internet (includes software)	161	178	196	204	222	220
51 Motion picture and sound recording industries	21	22	23	24	25	28
52 Broadcasting and telecommunications	154	156	144	124	124	152
53 Data processing, internet publishing, and other information services	175	190	207	222	270	322
54 Finance, insurance, real estate, rental, and leasing	55,506	58,977	62,073	64,461	67,043	69,517
55 Finance and insurance	6,442	6,936	7,304	7,317	7,331	6,931
56 Federal Reserve banks, credit intermediation, and related activities	72	76	79	83	80	84
57 Securities, commodity contracts, and investments	0	0	0	0	0	0
58 Insurance carriers and related activities	6,369	6,859	7,225	7,234	7,251	6,847
59 Funds, trusts, and other financial vehicles	0	0	0	0	0	0
60 Real estate and rental and leasing	49,063	52,041	54,769	57,144	59,712	62,586
61 Real estate	47,366	50,271	52,918	55,236	57,641	60,411
62 Housing	47,363	50,268	52,916	55,234	57,638	60,409
63 Other real estate	2	2	2	2	2	3
64 Rental and leasing services and lessors of intangible assets	1,698	1,770	1,851	1,907	2,072	2,175
65 Professional and business services	8,543	8,866	9,436	10,253	11,278	12,104
66 Professional, scientific, and technical services	2,776	2,763	2,870	3,049	3,356	3,631

**Table 26. Marine Economy Gross Output by Industry**

[Millions of current dollars]

Bureau of Economic Analysis

	2014	2015	2016	2017	2018	2019
67 Legal services	599	620	634	680	680	698
68 Computer systems design and related services	40	48	83	128	124	153
69 Miscellaneous professional, scientific, and technical services	2,137	2,096	2,153	2,242	2,552	2,781
70 Management of companies and enterprises	42	41	42	46	50	61
71 Administrative and waste management services	5,725	6,061	6,524	7,157	7,871	8,412
72 Administrative and support services	5,721	6,057	6,519	7,153	7,866	8,406
73 Waste management and remediation services	5	4	5	5	5	6
74 Educational services, health care, and social assistance	2,855	3,096	3,143	3,246	3,063	3,132
75 Educational services	2,739	2,966	2,977	3,070	2,889	2,944
76 Health care and social assistance	115	130	166	176	175	188
77 Ambulatory health care services	40	48	72	80	80	88
78 Hospitals	63	69	81	82	81	86
79 Nursing and residential care facilities	8	8	8	8	8	8
80 Social assistance	5	5	5	6	6	6
81 Arts, entertainment, recreation, accommodation, and food services	49,530	52,391	54,598	56,882	59,388	61,723
82 Arts, entertainment, and recreation	12,604	12,954	13,460	14,323	14,966	15,629
83 Performing arts, spectator sports, museums, and related activities	1,221	1,179	1,188	1,305	1,304	1,382
84 Amusements, gambling, and recreation industries	11,384	11,775	12,272	13,018	13,662	14,247
85 Accommodation and food services	36,925	39,437	41,139	42,558	44,421	46,094
86 Accommodation	21,564	22,866	23,766	24,292	25,094	26,045
87 Food services and drinking places	15,362	16,571	17,373	18,267	19,328	20,049
88 Other services, except government	3,073	3,248	3,369	3,556	3,716	3,856
89 Government	176,847	176,563	178,106	178,578	183,535	196,594
90 Federal	163,441	162,455	163,786	163,868	168,687	181,135
91 General government	163,335	162,355	163,687	163,765	168,580	181,025
92 National defense	150,404	149,517	150,407	149,767	153,775	165,693
93 Nondefense	12,931	12,839	13,280	13,998	14,804	15,332
94 Government enterprises	106	100	100	103	107	110
95 State and local	13,406	14,108	14,320	14,710	14,848	15,458
96 General government	4,876	5,146	5,367	5,518	5,657	5,987
97 Government enterprises	8,530	8,962	8,953	9,192	9,191	9,472

**Table 27. Chain-Type Quantity Indexes for Marine Economy Gross Output by Industry**

[index numbers, 2014 = 100]

Bureau of Economic Analysis

	2014	2015	2016	2017	2018	2019
1 All Industries	100.000	100.397	98.292	98.305	99.679	104.715
2 Private industries	100.000	100.609	97.375	98.172	100.371	105.380
3 Agriculture, forestry, fishing, and hunting	100.000	100.558	101.512	105.576	98.271	98.435
4 Farms	100.000	99.535	102.841	101.290	88.681	89.244
5 Forestry, fishing, and related activities	100.000	100.699	101.333	106.122	99.493	99.608
6 Mining	100.000	93.265	72.917	70.484	73.578	83.933
7 Oil and gas extraction	100.000	93.945	91.945	89.291	96.121	105.768
8 Mining, except oil and gas	100.000	103.913	101.443	102.783	105.384	105.935
9 Support activities for mining	100.000	91.228	47.741	45.445	43.040	56.050
10 Utilities	100.000	116.437	111.711	105.887	97.352	89.442
11 Construction	100.000	106.052	120.298	105.145	103.560	115.253
12 Manufacturing	100.000	102.985	106.458	105.982	106.348	120.222
13 Durable goods	100.000	103.326	112.823	113.657	115.704	149.385
14 Wood products	100.000	102.554	99.181	101.564	105.279	103.536
15 Nonmetallic mineral products	100.000	106.737	114.756	109.828	105.212	107.314
16 Primary metals	100.000	74.508	74.137	71.332	78.797	77.439
17 Fabricated metal products	100.000	80.778	50.149	48.565	49.441	48.690
18 Machinery	100.000	75.189	47.066	42.895	46.717	52.803
19 Computer and electronic products	100.000	123.388	112.247	109.292	107.767	117.598
20 Electrical equipment, appliances, and components	100.000	80.767	68.159	76.719	85.848	81.852
21 Motor vehicles, bodies and trailers, and parts	100.000	102.774	89.812	84.383	52.746	83.845
22 Other transportation equipment	100.000	118.449	149.639	153.368	154.900	206.985
23 Furniture and related products	100.000	94.706	75.449	73.068	77.797	76.860
24 Miscellaneous manufacturing	100.000	100.658	102.349	97.706	106.104	93.604
25 Nondurable goods	100.000	102.776	101.388	99.852	99.011	98.878
26 Food and beverage and tobacco products	100.000	110.565	109.481	104.779	99.367	97.568
27 Textile mills and textile product mills	100.000	100.103	109.532	106.167	108.873	107.338
28 Apparel and leather and allied products	100.000	94.417	110.236	99.358	103.927	108.574
29 Paper products	100.000	104.999	107.579	113.793	114.811	112.604
30 Printing and related support activities	100.000	99.088	94.982	91.493	94.005	97.065
31 Petroleum and coal products	100.000	101.348	99.180	99.165	99.249	99.430
32 Chemical products	100.000	90.091	89.708	88.356	97.159	99.881
33 Plastics and rubber products	100.000	96.883	89.392	84.036	84.596	85.827
34 Wholesale trade	100.000	94.090	87.872	90.153	92.082	92.228
35 Retail trade	100.000	103.876	109.057	113.767	119.669	121.741
36 Motor vehicle and parts dealers	100.000	119.165	134.942	140.161	141.058	154.106
37 Food and beverage stores	100.000	99.778	98.476	102.715	101.147	102.845
38 General merchandise stores	100.000	105.473	105.177	105.232	110.510	109.629
39 Other retail	100.000	102.230	108.297	113.970	121.893	123.232
40 Transportation and warehousing	100.000	102.342	99.884	102.966	107.663	109.592
41 Air transportation	100.000	105.703	106.670	110.387	115.326	117.678
42 Rail transportation	100.000	85.851	57.985	60.521	67.154	64.221
43 Water transportation	100.000	100.067	98.219	102.606	108.756	110.249
44 Truck transportation	100.000	106.221	106.002	106.437	107.549	108.525
45 Transit and ground passenger transportation	100.000	108.065	114.978	132.977	145.966	152.522
46 Pipeline transportation	100.000	105.921	103.952	107.113	118.604	122.362
47 Other transportation and support activities	100.000	104.935	99.134	98.443	99.541	101.694
48 Warehousing and storage	100.000	100.320	106.026	116.397	118.607	125.291
49 Information	100.000	106.154	109.871	109.040	120.432	132.237
50 Publishing industries, except internet (includes software)	100.000	109.808	122.458	126.155	136.873	133.251
51 Motion picture and sound recording industries	100.000	104.649	107.676	109.038	108.411	120.889
52 Broadcasting and telecommunications	100.000	100.370	86.718	71.912	69.771	81.513
53 Data processing, internet publishing, and other information services	100.000	108.083	119.677	128.051	154.953	180.627
54 Finance, insurance, real estate, rental, and leasing	100.000	103.607	106.096	107.026	108.089	108.590
55 Finance and insurance	100.000	106.338	111.027	110.489	109.734	101.149
56 Federal Reserve banks, credit intermediation, and related activities	100.000	104.201	104.491	107.223	95.547	98.895
57 Securities, commodity contracts, and investments	100.000	3.911	35.774	36.711	40.974	69.834
58 Insurance carriers and related activities	100.000	106.368	111.106	110.529	109.908	101.171
59 Funds, trusts, and other financial vehicles	100.000	3.911	35.775	36.711	40.979	69.845
60 Real estate and rental and leasing	100.000	103.251	105.459	106.571	107.856	109.450
61 Real estate	100.000	102.961	104.827	105.873	106.955	108.390
62 Housing	100.000	102.961	104.827	105.874	106.956	108.391
63 Other real estate	100.000	99.446	99.628	96.331	93.470	91.700
64 Rental and leasing services and lessors of intangible assets	100.000	111.748	124.988	128.353	136.771	144.059
65 Professional and business services	100.000	101.596	106.946	113.751	122.281	128.022
66 Professional, scientific, and technical services	100.000	96.935	100.718	104.018	110.785	116.353

**Table 27. Chain-Type Quantity Indexes for Marine Economy Gross Output by Industry**

[index numbers, 2014 = 100]

Bureau of Economic Analysis

	2014	2015	2016	2017	2018	2019	
67	Legal services	100.000	100.228	100.413	104.140	101.520	100.471
68	Computer systems design and related services	100.000	118.766	207.614	308.714	289.803	347.438
69	Miscellaneous professional, scientific, and technical services	100.000	95.602	98.838	100.208	110.179	116.706
70	Management of companies and enterprises	100.000	95.985	99.934	104.981	110.249	131.528
71	Administrative and waste management services	100.000	103.907	110.027	118.539	127.951	133.659
72	Administrative and support services	100.000	103.873	109.987	118.512	127.921	133.600
73	Waste management and remediation services	100.000	155.707	174.192	155.349	168.683	238.370
74	Educational services, health care, and social assistance	100.000	106.662	106.697	107.477	99.222	99.356
75	Educational services	100.000	106.501	105.297	105.876	97.336	97.215
76	Health care and social assistance	100.000	110.468	140.010	145.606	144.324	150.669
77	Ambulatory health care services	100.000	118.420	179.195	196.294	200.336	213.109
78	Hospitals	100.000	107.000	122.381	121.697	117.131	120.751
79	Nursing and residential care facilities	100.000	97.918	97.838	97.313	95.986	93.319
80	Social assistance	100.000	109.687	115.216	120.815	122.176	128.953
81	Arts, entertainment, recreation, accommodation, and food services	100.000	103.051	105.012	107.385	108.650	109.801
82	Arts, entertainment, and recreation	100.000	99.949	102.045	107.801	109.451	110.918
83	Performing arts, spectator sports, museums, and related activities	100.000	94.409	93.524	100.240	97.866	101.603
84	Amusements, gambling, and recreation industries	100.000	100.541	102.955	108.608	110.694	111.917
85	Accommodation and food services	100.000	104.111	106.027	107.258	108.395	109.440
86	Accommodation	100.000	103.732	105.353	105.394	104.866	105.893
87	Food services and drinking places	100.000	104.641	106.967	109.848	113.307	114.378
88	Other services, except government	100.000	102.687	103.985	105.279	105.412	104.550
89	Government	100.000	99.870	100.361	98.566	97.998	103.096
90	Federal	100.000	99.225	99.495	97.544	97.251	102.584
91	General government	100.000	99.228	99.499	97.546	97.251	102.587
92	National defense	100.000	99.197	99.314	96.970	96.472	102.162
93	Nondefense	100.000	99.587	101.651	104.216	106.248	107.545
94	Government enterprises	100.000	95.596	93.035	93.006	96.488	98.263
95	State and local	100.000	107.831	111.114	111.312	107.273	109.427
96	General government	100.000	105.223	110.186	111.419	110.644	115.569
97	Government enterprises	100.000	109.350	111.620	111.195	105.226	105.767

**Table 28. Percent Changes in Chain-Type Quantity Indexes for Marine Economy Gross Output by Industry**

[Percent Change]

Bureau of Economic Analysis

	2015	2016	2017	2018	2019
1 All Industries	0.4	-2.1	0.0	1.4	5.1
2 Private industries	0.6	-3.2	0.8	2.2	5.0
3 Agriculture, forestry, fishing, and hunting	0.6	0.9	4.0	-6.9	0.2
4 Farms	-0.5	3.3	-1.5	-12.4	0.6
5 Forestry, fishing, and related activities	0.7	0.6	4.7	-6.2	0.1
6 Mining	-6.7	-21.8	-3.3	4.4	14.1
7 Oil and gas extraction	-6.1	-2.1	-2.9	7.7	10.0
8 Mining, except oil and gas	3.9	-2.4	1.3	2.5	0.5
9 Support activities for mining	-8.8	-47.7	-4.8	-5.3	30.2
10 Utilities	16.4	-4.1	-5.2	-8.1	-8.1
11 Construction	6.1	13.4	-12.6	-1.5	11.3
12 Manufacturing	3.0	3.4	-0.4	0.3	13.0
13 Durable goods	3.3	9.2	0.7	1.8	29.1
14 Wood products	2.6	-3.3	2.4	3.7	-1.7
15 Nonmetallic mineral products	6.7	7.5	-4.3	-4.2	2.0
16 Primary metals	-25.5	-0.5	-3.8	10.5	-1.7
17 Fabricated metal products	-19.2	-37.9	-3.2	1.8	-1.5
18 Machinery	-24.8	-37.4	-8.9	8.9	13.0
19 Computer and electronic products	23.4	-9.0	-2.6	-1.4	9.1
20 Electrical equipment, appliances, and components	-19.2	-15.6	12.6	11.9	-4.7
21 Motor vehicles, bodies and trailers, and parts	2.8	-12.6	-6.0	-37.5	59.0
22 Other transportation equipment	18.4	26.3	2.5	1.0	33.6
23 Furniture and related products	-5.3	-20.3	-3.2	6.5	-1.2
24 Miscellaneous manufacturing	0.7	1.7	-4.5	8.6	-11.8
25 Nondurable goods	2.8	-1.4	-1.5	-0.8	-0.1
26 Food and beverage and tobacco products	10.6	-1.0	-4.3	-5.2	-1.8
27 Textile mills and textile product mills	0.1	9.4	-3.1	2.5	-1.4
28 Apparel and leather and allied products	-5.6	16.8	-9.9	4.6	4.5
29 Paper products	5.0	2.5	5.8	0.9	-1.9
30 Printing and related support activities	-0.9	-4.1	-3.7	2.7	3.3
31 Petroleum and coal products	1.3	-2.1	0.0	0.1	0.2
32 Chemical products	-9.9	-0.4	-1.5	10.0	2.8
33 Plastics and rubber products	-3.1	-7.7	-6.0	0.7	1.5
34 Wholesale trade	-5.9	-6.6	2.6	2.1	0.2
35 Retail trade	3.9	5.0	4.3	5.2	1.7
36 Motor vehicle and parts dealers	19.2	13.2	3.9	0.6	9.3
37 Food and beverage stores	-0.2	-1.3	4.3	-1.5	1.7
38 General merchandise stores	5.5	-0.3	0.1	5.0	-0.8
39 Other retail	2.2	5.9	5.2	7.0	1.1
40 Transportation and warehousing	2.3	-2.4	3.1	4.6	1.8
41 Air transportation	5.7	0.9	3.5	4.5	2.0
42 Rail transportation	-14.1	-32.5	4.4	11.0	-4.4
43 Water transportation	0.1	-1.8	4.5	6.0	1.4
44 Truck transportation	6.2	-0.2	0.4	1.0	0.9
45 Transit and ground passenger transportation	8.1	6.4	15.7	9.8	4.5
46 Pipeline transportation	5.9	-1.9	3.0	10.7	3.2
47 Other transportation and support activities	4.9	-5.5	-0.7	1.1	2.2
48 Warehousing and storage	0.3	5.7	9.8	1.9	5.6
49 Information	6.2	3.5	-0.8	10.4	9.8
50 Publishing industries, except internet (includes software)	9.8	11.5	3.0	8.5	-2.6
51 Motion picture and sound recording industries	4.6	2.9	1.3	-0.6	11.5
52 Broadcasting and telecommunications	0.4	-13.6	-17.1	-3.0	16.8
53 Data processing, internet publishing, and other information services	8.1	10.7	7.0	21.0	16.6
54 Finance, insurance, real estate, rental, and leasing	3.6	2.4	0.9	1.0	0.5
55 Finance and insurance	6.3	4.4	-0.5	-0.7	-7.8
56 Federal Reserve banks, credit intermediation, and related activities	4.2	0.3	2.6	-10.9	3.5
57 Securities, commodity contracts, and investments	-96.1	814.7	2.6	11.6	70.4
58 Insurance carriers and related activities	6.4	4.5	-0.5	-0.6	-7.9
59 Funds, trusts, and other financial vehicles	-96.1	814.6	2.6	11.6	70.4
60 Real estate and rental and leasing	3.3	2.1	1.1	1.2	1.5

**Table 28. Percent Changes in Chain-Type Quantity Indexes for Marine Economy Gross Output by Industry**

[Percent Change]

Bureau of Economic Analysis

		2015	2016	2017	2018	2019
61	Real estate	3.0	1.8	1.0	1.0	1.3
62	Housing	3.0	1.8	1.0	1.0	1.3
63	Other real estate	-0.6	0.2	-3.3	-3.0	-1.9
64	Rental and leasing services and lessors of intangible assets	11.7	11.8	2.7	6.6	5.3
65	Professional and business services	1.6	5.3	6.4	7.5	4.7
66	Professional, scientific, and technical services	-3.1	3.9	3.3	6.5	5.0
67	Legal services	0.2	0.2	3.7	-2.5	-1.0
68	Computer systems design and related services	18.8	74.8	48.7	-6.1	19.9
69	Miscellaneous professional, scientific, and technical services	-4.4	3.4	1.4	10.0	5.9
70	Management of companies and enterprises	-4.0	4.1	5.1	5.0	19.3
71	Administrative and waste management services	3.9	5.9	7.7	7.9	4.5
72	Administrative and support services	3.9	5.9	7.8	7.9	4.4
73	Waste management and remediation services	55.7	11.9	-10.8	8.6	41.3
74	Educational services, health care, and social assistance	6.7	0.0	0.7	-7.7	0.1
75	Educational services	6.5	-1.1	0.5	-8.1	-0.1
76	Health care and social assistance	10.5	26.7	4.0	-0.9	4.4
77	Ambulatory health care services	18.4	51.3	9.5	2.1	6.4
78	Hospitals	7.0	14.4	-0.6	-3.8	3.1
79	Nursing and residential care facilities	-2.1	-0.1	-0.5	-1.4	-2.8
80	Social assistance	9.7	5.0	4.9	1.1	5.5
81	Arts, entertainment, recreation, accommodation, and food services	3.1	1.9	2.3	1.2	1.1
82	Arts, entertainment, and recreation	-0.1	2.1	5.6	1.5	1.3
83	Performing arts, spectator sports, museums, and related activities	-5.6	-0.9	7.2	-2.4	3.8
84	Amusements, gambling, and recreation industries	0.5	2.4	5.5	1.9	1.1
85	Accommodation and food services	4.1	1.8	1.2	1.1	1.0
86	Accommodation	3.7	1.6	0.0	-0.5	1.0
87	Food services and drinking places	4.6	2.2	2.7	3.1	0.9
88	Other services, except government	2.7	1.3	1.2	0.1	-0.8
89	Government	-0.1	0.5	-1.8	-0.6	5.2
90	Federal	-0.8	0.3	-2.0	-0.3	5.5
91	General government	-0.8	0.3	-2.0	-0.3	5.5
92	National defense	-0.8	0.1	-2.4	-0.5	5.9
93	Nondefense	-0.4	2.1	2.5	1.9	1.2
94	Government enterprises	-4.4	-2.7	0.0	3.7	1.8
95	State and local	7.8	3.0	0.2	-3.6	2.0
96	General government	5.2	4.7	1.1	-0.7	4.5
97	Government enterprises	9.4	2.1	-0.4	-5.4	0.5

**Table 29. Chain-Type Price Indexes for Marine Economy Gross Output by Industry**

[index numbers, 2014 = 100]

Bureau of Economic Analysis

	2014	2015	2016	2017	2018	2019
1 All Industries	100.000	93.681	92.941	96.433	100.882	101.508
2 Private industries	100.000	91.221	90.034	94.086	98.924	99.050
3 Agriculture, forestry, fishing, and hunting	100.000	90.115	92.513	89.628	96.889	97.225
4 Farms	100.000	96.160	89.066	91.472	91.413	92.688
5 Forestry, fishing, and related activities	100.000	89.331	92.973	89.409	97.549	97.776
6 Mining	100.000	74.219	68.526	77.541	86.791	81.016
7 Oil and gas extraction	100.000	62.044	55.598	65.698	77.446	70.885
8 Mining, except oil and gas	100.000	87.536	83.250	93.967	98.863	97.105
9 Support activities for mining	100.000	99.840	96.894	98.434	93.761	93.118
10 Utilities	100.000	88.328	81.005	83.689	92.641	96.371
11 Construction	100.000	101.103	101.327	104.282	108.407	112.429
12 Manufacturing	100.000	82.179	76.504	82.086	88.227	86.102
13 Durable goods	100.000	100.985	100.733	101.242	102.162	103.552
14 Wood products	100.000	102.023	108.210	108.175	109.945	113.481
15 Nonmetallic mineral products	100.000	101.904	103.597	108.502	112.462	114.158
16 Primary metals	100.000	101.774	100.465	100.272	103.618	104.818
17 Fabricated metal products	100.000	101.626	102.681	104.354	106.747	110.745
18 Machinery	100.000	101.133	100.589	100.902	102.344	104.439
19 Computer and electronic products	100.000	98.223	93.850	95.280	97.976	101.084
20 Electrical equipment, appliances, and components	100.000	101.983	102.538	103.022	103.817	105.796
21 Motor vehicles, bodies and trailers, and parts	100.000	100.796	101.432	103.350	108.195	113.692
22 Other transportation equipment	100.000	100.937	100.893	101.312	102.071	103.073
23 Furniture and related products	100.000	103.349	106.556	107.741	108.813	113.610
24 Miscellaneous manufacturing	100.000	101.203	97.450	100.463	101.657	111.620
25 Nondurable goods	100.000	71.996	63.188	71.952	81.478	76.757
26 Food and beverage and tobacco products	100.000	98.046	98.172	105.084	109.163	112.770
27 Textile mills and textile product mills	100.000	101.197	101.110	101.308	101.323	103.312
28 Apparel and leather and allied products	100.000	101.527	101.768	103.000	104.188	104.615
29 Paper products	100.000	101.373	99.678	100.198	101.713	104.467
30 Printing and related support activities	100.000	100.941	101.369	103.016	104.302	104.788
31 Petroleum and coal products	100.000	64.551	53.029	62.549	73.634	66.795
32 Chemical products	100.000	105.176	109.651	114.359	117.948	120.760
33 Plastics and rubber products	100.000	101.135	104.508	105.862	106.477	110.813
34 Wholesale trade	100.000	103.106	105.664	107.412	108.403	110.752
35 Retail trade	100.000	102.517	104.514	105.474	106.574	108.689
36 Motor vehicle and parts dealers	100.000	98.616	99.375	98.788	101.650	105.656
37 Food and beverage stores	100.000	105.024	108.710	109.730	113.152	115.405
38 General merchandise stores	100.000	98.533	99.298	99.479	99.084	101.857
39 Other retail	100.000	103.555	105.756	107.122	107.909	109.572
40 Transportation and warehousing	100.000	99.871	101.116	103.752	107.576	109.401
41 Air transportation	100.000	94.633	92.391	94.309	98.016	102.296
42 Rail transportation	100.000	96.525	94.546	97.902	103.287	106.401
43 Water transportation	100.000	99.974	101.498	104.344	108.642	109.335
44 Truck transportation	100.000	98.361	97.777	99.986	106.287	108.696
45 Transit and ground passenger transportation	100.000	101.950	103.807	105.421	107.182	108.343
46 Pipeline transportation	100.000	101.555	104.944	105.649	107.130	113.257
47 Other transportation and support activities	100.000	102.069	104.749	107.879	110.246	112.503
48 Warehousing and storage	100.000	101.440	102.139	104.953	108.948	108.826
49 Information	100.000	100.893	101.647	103.386	104.281	107.059
50 Publishing industries, except internet (includes software)	100.000	100.656	99.871	100.754	100.827	102.778
51 Motion picture and sound recording industries	100.000	102.102	101.689	106.723	109.469	109.830
52 Broadcasting and telecommunications	100.000	101.016	107.709	112.171	115.130	121.373
53 Data processing, internet publishing, and other information services	100.000	100.868	98.854	99.482	99.991	102.147
54 Finance, insurance, real estate, rental, and leasing	100.000	102.555	105.406	108.511	111.748	115.336
55 Finance and insurance	100.000	101.248	102.114	102.802	103.703	106.366
56 Federal Reserve banks, credit intermediation, and related activities	100.000	101.367	104.370	106.685	115.532	116.877
57 Securities, commodity contracts, and investments	100.000	102.550	100.824	103.767	107.764	110.947
58 Insurance carriers and related activities	100.000	101.247	102.089	102.760	103.577	106.254
59 Funds, trusts, and other financial vehicles	100.000	102.550	100.824	103.767	107.764	110.947
60 Real estate and rental and leasing	100.000	102.729	105.851	109.288	112.840	116.548
61 Real estate	100.000	103.082	106.578	110.148	113.779	117.670
62 Housing	100.000	103.082	106.579	110.148	113.779	117.670
63 Other real estate	100.000	102.128	104.558	106.979	111.224	114.382
64 Rental and leasing services and lessors of intangible assets	100.000	93.309	87.218	87.520	89.214	88.916
65 Professional and business services	100.000	102.145	103.276	105.501	107.954	110.667
66 Professional, scientific, and technical services	100.000	102.694	102.640	105.603	109.130	112.412

**Table 29. Chain-Type Price Indexes for Marine Economy Gross Output by Industry**

[index numbers, 2014 = 100]

Bureau of Economic Analysis

	2014	2015	2016	2017	2018	2019	
67	Legal services	100.000	103.212	105.390	108.992	111.903	115.925
68	Computer systems design and related services	100.000	102.027	100.574	103.516	107.275	109.968
69	Miscellaneous professional, scientific, and technical services	100.000	102.560	101.905	104.683	108.363	111.486
70	Management of companies and enterprises	100.000	102.550	100.824	103.767	107.764	110.947
71	Administrative and waste management services	100.000	101.886	103.566	105.466	107.455	109.926
72	Administrative and support services	100.000	101.924	103.612	105.501	107.493	109.984
73	Waste management and remediation services	100.000	63.075	58.451	70.259	69.350	54.955
74	Educational services, health care, and social assistance	100.000	101.661	103.179	105.785	108.150	110.421
75	Educational services	100.000	101.662	103.213	105.858	108.341	110.540
76	Health care and social assistance	100.000	101.633	102.512	104.440	104.829	108.239
77	Ambulatory health care services	100.000	100.028	99.764	100.846	98.315	101.911
78	Hospitals	100.000	102.949	104.480	107.055	110.294	113.629
79	Nursing and residential care facilities	100.000	103.327	106.100	108.706	111.689	115.097
80	Social assistance	100.000	95.674	97.693	101.230	101.679	102.739
81	Arts, entertainment, recreation, accommodation, and food services	100.000	102.646	104.972	106.946	110.357	113.495
82	Arts, entertainment, and recreation	100.000	102.830	104.649	105.414	108.486	111.793
83	Performing arts, spectator sports, museums, and related activities	100.000	102.307	104.095	106.685	109.165	111.454
84	Amusements, gambling, and recreation industries	100.000	102.884	104.706	105.292	108.422	111.826
85	Accommodation and food services	100.000	102.584	105.077	107.457	110.984	114.062
86	Accommodation	100.000	102.226	104.612	106.885	110.971	114.059
87	Food services and drinking places	100.000	103.085	105.726	108.252	111.040	114.108
88	Other services, except government	100.000	102.929	105.450	109.935	114.709	120.025
89	Government	100.000	99.969	100.349	102.448	105.902	107.827
90	Federal	100.000	100.173	100.720	102.786	106.127	108.034
91	General government	100.000	100.174	100.720	102.785	106.128	108.036
92	National defense	100.000	100.215	100.692	102.688	105.980	107.834
93	Nondefense	100.000	99.696	101.027	103.868	107.754	110.249
94	Government enterprises	100.000	98.316	100.597	103.743	104.322	105.267
95	State and local	100.000	97.592	96.135	98.579	103.250	105.376
96	General government	100.000	100.304	99.900	101.576	104.862	106.248
97	Government enterprises	100.000	96.074	94.031	96.912	102.400	104.982



**Table 30. Percent Changes in Chain-Type Price Indexes for Marine Economy Gross Output by Industry**

[Percent Change]

Bureau of Economic Analysis

	2015	2016	2017	2018	2019
1 All Industries	-6.3	-0.8	3.8	4.6	0.6
2 Private industries	-8.8	-1.3	4.5	5.1	0.1
3 Agriculture, forestry, fishing, and hunting	-9.9	2.7	-3.1	8.1	0.3
4 Farms	-3.8	-7.4	2.7	-0.1	1.4
5 Forestry, fishing, and related activities	-10.7	4.1	-3.8	9.1	0.2
6 Mining	-25.8	-7.7	13.2	11.9	-6.7
7 Oil and gas extraction	-38.0	-10.4	18.2	17.9	-8.5
8 Mining, except oil and gas	-12.5	-4.9	12.9	5.2	-1.8
9 Support activities for mining	-0.2	-3.0	1.6	-4.7	-0.7
10 Utilities	-11.7	-8.3	3.3	10.7	4.0
11 Construction	1.1	0.2	2.9	4.0	3.7
12 Manufacturing	-17.8	-6.9	7.3	7.5	-2.4
13 Durable goods	1.0	-0.2	0.5	0.9	1.4
14 Wood products	2.0	6.1	0.0	1.6	3.2
15 Nonmetallic mineral products	1.9	1.7	4.7	3.6	1.5
16 Primary metals	1.8	-1.3	-0.2	3.3	1.2
17 Fabricated metal products	1.6	1.0	1.6	2.3	3.7
18 Machinery	1.1	-0.5	0.3	1.4	2.0
19 Computer and electronic products	-1.8	-4.5	1.5	2.8	3.2
20 Electrical equipment, appliances, and components	2.0	0.5	0.5	0.8	1.9
21 Motor vehicles, bodies and trailers, and parts	0.8	0.6	1.9	4.7	5.1
22 Other transportation equipment	0.9	0.0	0.4	0.7	1.0
23 Furniture and related products	3.3	3.1	1.1	1.0	4.4
24 Miscellaneous manufacturing	1.2	-3.7	3.1	1.2	9.8
25 Nondurable goods	-28.0	-12.2	13.9	13.2	-5.8
26 Food and beverage and tobacco products	-2.0	0.1	7.0	3.9	3.3
27 Textile mills and textile product mills	1.2	-0.1	0.2	0.0	2.0
28 Apparel and leather and allied products	1.5	0.2	1.2	1.2	0.4
29 Paper products	1.4	-1.7	0.5	1.5	2.7
30 Printing and related support activities	0.9	0.4	1.6	1.2	0.5
31 Petroleum and coal products	-35.4	-17.9	18.0	17.7	-9.3
32 Chemical products	5.2	4.3	4.3	3.1	2.4
33 Plastics and rubber products	1.1	3.3	1.3	0.6	4.1
34 Wholesale trade	3.1	2.5	1.7	0.9	2.2
35 Retail trade	2.5	1.9	0.9	1.0	2.0
36 Motor vehicle and parts dealers	-1.4	0.8	-0.6	2.9	3.9
37 Food and beverage stores	5.0	3.5	0.9	3.1	2.0
38 General merchandise stores	-1.5	0.8	0.2	-0.4	2.8
39 Other retail	3.6	2.1	1.3	0.7	1.5
40 Transportation and warehousing	-0.1	1.2	2.6	3.7	1.7
41 Air transportation	-5.4	-2.4	2.1	3.9	4.4
42 Rail transportation	-3.5	-2.1	3.5	5.5	3.0
43 Water transportation	0.0	1.5	2.8	4.1	0.6
44 Truck transportation	-1.6	-0.6	2.3	6.3	2.3
45 Transit and ground passenger transportation	2.0	1.8	1.6	1.7	1.1
46 Pipeline transportation	1.6	3.3	0.7	1.4	5.7
47 Other transportation and support activities	2.1	2.6	3.0	2.2	2.0
48 Warehousing and storage	1.4	0.7	2.8	3.8	-0.1
49 Information	0.9	0.7	1.7	0.9	2.7
50 Publishing industries, except internet (includes software)	0.7	-0.8	0.9	0.1	1.9
51 Motion picture and sound recording industries	2.1	-0.4	4.9	2.6	0.3
52 Broadcasting and telecommunications	1.0	6.6	4.1	2.6	5.4
53 Data processing, internet publishing, and other information services	0.9	-2.0	0.6	0.5	2.2
54 Finance, insurance, real estate, rental, and leasing	2.6	2.8	2.9	3.0	3.2
55 Finance and insurance	1.2	0.9	0.7	0.9	2.6
56 Federal Reserve banks, credit intermediation, and related activities	1.4	3.0	2.2	8.3	1.2
57 Securities, commodity contracts, and investments	2.6	-1.7	2.9	3.9	3.0
58 Insurance carriers and related activities	1.2	0.8	0.7	0.8	2.6
59 Funds, trusts, and other financial vehicles	2.6	-1.7	2.9	3.9	3.0
60 Real estate and rental and leasing	2.7	3.0	3.2	3.3	3.3

**Table 30. Percent Changes in Chain-Type Price Indexes for Marine Economy Gross Output by Industry**

[Percent Change]

Bureau of Economic Analysis

		2015	2016	2017	2018	2019
61	Real estate	3.1	3.4	3.3	3.3	3.4
62	Housing	3.1	3.4	3.3	3.3	3.4
63	Other real estate	2.1	2.4	2.3	4.0	2.8
64	Rental and leasing services and lessors of intangible assets	-6.7	-6.5	0.3	1.9	-0.3
65	Professional and business services	2.1	1.1	2.2	2.3	2.5
66	Professional, scientific, and technical services	2.7	-0.1	2.9	3.3	3.0
67	Legal services	3.2	2.1	3.4	2.7	3.6
68	Computer systems design and related services	2.0	-1.4	2.9	3.6	2.5
69	Miscellaneous professional, scientific, and technical services	2.6	-0.6	2.7	3.5	2.9
70	Management of companies and enterprises	2.6	-1.7	2.9	3.9	3.0
71	Administrative and waste management services	1.9	1.6	1.8	1.9	2.3
72	Administrative and support services	1.9	1.7	1.8	1.9	2.3
73	Waste management and remediation services	-36.9	-7.3	20.2	-1.3	-20.8
74	Educational services, health care, and social assistance	1.7	1.5	2.5	2.2	2.1
75	Educational services	1.7	1.5	2.6	2.3	2.0
76	Health care and social assistance	1.6	0.9	1.9	0.4	3.3
77	Ambulatory health care services	0.0	-0.3	1.1	-2.5	3.7
78	Hospitals	2.9	1.5	2.5	3.0	3.0
79	Nursing and residential care facilities	3.3	2.7	2.5	2.7	3.1
80	Social assistance	-4.3	2.1	3.6	0.4	1.0
81	Arts, entertainment, recreation, accommodation, and food services	2.6	2.3	1.9	3.2	2.8
82	Arts, entertainment, and recreation	2.8	1.8	0.7	2.9	3.0
83	Performing arts, spectator sports, museums, and related activities	2.3	1.7	2.5	2.3	2.1
84	Amusements, gambling, and recreation industries	2.9	1.8	0.6	3.0	3.1
85	Accommodation and food services	2.6	2.4	2.3	3.3	2.8
86	Accommodation	2.2	2.3	2.2	3.8	2.8
87	Food services and drinking places	3.1	2.6	2.4	2.6	2.8
88	Other services, except government	2.9	2.4	4.3	4.3	4.6
89	Government	0.0	0.4	2.1	3.4	1.8
90	Federal	0.2	0.5	2.1	3.3	1.8
91	General government	0.2	0.5	2.1	3.3	1.8
92	National defense	0.2	0.5	2.0	3.2	1.7
93	Nondefense	-0.3	1.3	2.8	3.7	2.3
94	Government enterprises	-1.7	2.3	3.1	0.6	0.9
95	State and local	-2.4	-1.5	2.5	4.7	2.1
96	General government	0.3	-0.4	1.7	3.2	1.3
97	Government enterprises	-3.9	-2.1	3.1	5.7	2.5