2022 Marine Economy Report

Great Lakes Region

The marine economy is defined as those businesses whose existence depends on the oceans or Great Lakes. The economic data found here helps leaders better understand trends and consider the needs of these businesses when making decisions about the future of the coast. Six sectors make up the marine economy: marine construction, offshore mineral extraction, tourism and recreation, living resources, ship and boat building, and marine transportation.

The Big Picture

Great Lakes Region's Marine Economy in 2019

<table>
<thead>
<tr>
<th>Businesses</th>
<th>Employees</th>
<th>Wages</th>
<th>GDP</th>
</tr>
</thead>
<tbody>
<tr>
<td>15,868</td>
<td>329,878</td>
<td>$10.2 billion</td>
<td>$21.5 billion</td>
</tr>
</tbody>
</table>

The Details

Largest Employment Sector: Tourism and recreation employs 75% of the region’s marine economy

Largest GDP Sector: Tourism and recreation produces 56% of the total gross domestic product (GDP) derived from the region’s marine economy

High Earners: The average wage of marine economy employees in the Great Lakes region is $30,776, which is lower than the region average ($54,924). Marine construction has the highest average wage per employee at $80,773.

National Ranking: The Great Lakes region is ranked 5 out of 8 coastal regions for marine employment, and 6 out of 8 coastal regions for GDP

Top County: Employment Cook County, Illinois, is home to 22% of marine jobs in the Great Lakes region

Top County: GDP Cook County, Illinois, produces 29% of the marine economy’s gross domestic product in the Great Lakes region


Office for Coastal Management
Great Lakes Region's Marine Economy

<table>
<thead>
<tr>
<th>Category</th>
<th>Value</th>
<th>% Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Businesses</td>
<td>15,868</td>
<td>18%</td>
</tr>
<tr>
<td>Employees</td>
<td>329,878</td>
<td>22%</td>
</tr>
<tr>
<td>Wages</td>
<td>$10.2 billion</td>
<td>22%</td>
</tr>
<tr>
<td>GDP</td>
<td>$21.5 billion</td>
<td>28%</td>
</tr>
</tbody>
</table>

LEGEND (1 CELL = 1%)
- Living Resources
- Marine Transportation
- Ship and Boat Building
- Marine Construction
- Offshore Mineral Resources
- Tourism and Recreation

A Decade of Change (2009-2019)

**Businesses**
The Great Lakes region had an increase of 2,366 marine businesses, which was an increase of 18% over the past decade.

**Employees**
The Great Lakes region had an increase of 59,749 marine jobs, an increase of 22% over the past decade.

**Average Wages**
On average, an employee working in the Great Lakes region's marine economy made $30,776 in 2019, compared to an average wage of $25,327 in 2009. The marine economy average wage in the Great Lakes region had an increase of 22%.

**Gross Domestic Product**
The value of the Great Lakes region’s marine economy had an increase of 28% over the past decade. Changes in GDP can be driven by volatility of the price of resources.

Office for Coastal Management
The marine economy is defined as those businesses whose existence depends on the oceans or Great Lakes. The economic data found here helps leaders better understand trends and consider the needs of these businesses when making decisions about the future of the coast. Six sectors make up the marine economy: marine construction, offshore mineral extraction, tourism and recreation, living resources, ship and boat building, and marine transportation.

**The Big Picture**

**Gulf of Mexico Region's Marine Economy in 2019**

<table>
<thead>
<tr>
<th>Category</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Businesses</td>
<td>25,048</td>
</tr>
<tr>
<td>Employees</td>
<td>616,524</td>
</tr>
<tr>
<td>Wages</td>
<td>$34.3 billion</td>
</tr>
<tr>
<td>GDP</td>
<td>$115 billion</td>
</tr>
</tbody>
</table>

**The Details**

<table>
<thead>
<tr>
<th>Category</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Largest Employment Sector:</td>
<td>Tourism and recreation employs 59% of the region’s marine economy</td>
</tr>
<tr>
<td>Largest GDP Sector:</td>
<td>Offshore mineral resources produces 70% of the total gross domestic product (GDP) derived from the region’s marine economy</td>
</tr>
<tr>
<td>High Earners:</td>
<td>The average wage of marine economy employees in the Gulf of Mexico region is $55,624, which is higher than the region average ($55,073). Offshore mineral resources has the highest average wage per employee at $169,743.</td>
</tr>
<tr>
<td>National Ranking:</td>
<td>The Gulf of Mexico region is ranked 3 out of 8 coastal regions for marine employment, and 1 out of 8 coastal regions for GDP</td>
</tr>
<tr>
<td>Top County: Employment</td>
<td>Harris County, Texas, is home to 17% of marine jobs in the Gulf of Mexico region</td>
</tr>
<tr>
<td>Top County: GDP</td>
<td>Harris County, Texas, produces 63% of the marine economy’s gross domestic product in the Gulf of Mexico region</td>
</tr>
</tbody>
</table>

Gulf of Mexico Region's Marine Economy

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
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<td></td>
</tr>
<tr>
<td>GDP</td>
<td>$115 billion</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

LEGEND (1 CELL = 1%)
- Living Resources
- Marine Transportation
- Ship and Boat Building
- Marine Construction
- Offshore Mineral Resources
- Tourism and Recreation

A Decade of Change (2009-2019)

- **-1%** Businesses
  The Gulf of Mexico region had a decrease of 164 marine businesses, which was a decrease of 1% over the past decade.

- **10%** Employees
  The Gulf of Mexico region had an increase of 56,316 marine jobs, an increase of 10% over the past decade.

- **7%** Average Wages
  On average, an employee working in the Gulf of Mexico region's marine economy made $55,624 in 2019, compared to an average wage of $51,994 in 2009. The marine economy average wage in the Gulf of Mexico region had an increase of 7%.

- **41%** Gross Domestic Product
  The value of the Gulf of Mexico region's marine economy had an increase of 41% over the past decade. Changes in GDP can be driven by volatility of the price of resources.

Office for Coastal Management
Mid-Atlantic Region

The marine economy is defined as those businesses whose existence depends on the oceans or Great Lakes. The economic data found here helps leaders better understand trends and consider the needs of these businesses when making decisions about the future of the coast. Six sectors make up the marine economy: marine construction, offshore mineral extraction, tourism and recreation, living resources, ship and boat building, and marine transportation.

The Big Picture

Mid-Atlantic Region's Marine Economy in 2019

<table>
<thead>
<tr>
<th>Businesses</th>
<th>Employees</th>
<th>Wages</th>
<th>GDP</th>
</tr>
</thead>
<tbody>
<tr>
<td>44,923</td>
<td>864,646</td>
<td>$35.3 billion</td>
<td>$70.2 billion</td>
</tr>
</tbody>
</table>

The Details

Largest Employment Sector: Tourism and recreation employs 73% of the region’s marine economy

Largest GDP Sector: Tourism and recreation produces 62% of the total gross domestic product (GDP) derived from the region’s marine economy

High Earners: The average wage of marine economy employees in the Mid-Atlantic region is $40,843, which is lower than the region average ($67,220). Marine construction has the highest average wage per employee at $89,057.

National Ranking: The Mid-Atlantic region is ranked 1 out of 8 coastal regions for marine employment, and 3 out of 8 coastal regions for GDP

Top County: Employment New York County, New York, is home to 25% of marine jobs in the Mid-Atlantic region

Top County: GDP New York County, New York, produces 33% of the marine economy’s gross domestic product in the Mid-Atlantic region


Office for Coastal Management
Mid-Atlantic Region's Marine Economy

<table>
<thead>
<tr>
<th>Category</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Businesses</td>
<td>44,923</td>
</tr>
<tr>
<td>Employees</td>
<td>864,646</td>
</tr>
<tr>
<td>Wages</td>
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</tr>
<tr>
<td>GDP</td>
<td>$70.2 billion</td>
</tr>
</tbody>
</table>

**Legend (1 CELL = 1%)**
- Living Resources
- Marine Transportation
- Ship and Boat Building
- Marine Construction
- Offshore Mineral Resources
- Tourism and Recreation

### A Decade of Change (2009-2019)

- **Businesses**: The Mid-Atlantic region had an increase of 8,933 marine businesses, which was an increase of 25% over the past decade.

- **Employees**: The Mid-Atlantic region had an increase of 240,897 marine jobs, an increase of 39% over the past decade.

- **Average Wages**: On average, an employee working in the Mid-Atlantic region’s marine economy made $40,843 in 2019, compared to an average wage of $33,504 in 2009. The marine economy average wage in the Mid-Atlantic region had an increase of 22%.

- **Gross Domestic Product**: The value of the Mid-Atlantic region’s marine economy had an increase of 39% over the past decade. Changes in GDP can be driven by volatility of the price of resources.
The marine economy is defined as those businesses whose existence depends on the oceans or Great Lakes. The economic data found here helps leaders better understand trends and consider the needs of these businesses when making decisions about the future of the coast. Six sectors make up the marine economy: marine construction, offshore mineral extraction, tourism and recreation, living resources, ship and boat building, and marine transportation.

### The Big Picture

**Northeast Region's Marine Economy in 2019**

<table>
<thead>
<tr>
<th>Category</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Businesses</td>
<td>15,759</td>
</tr>
<tr>
<td>Employees</td>
<td>277,208</td>
</tr>
<tr>
<td>Wages</td>
<td>$11.3 billion</td>
</tr>
<tr>
<td>GDP</td>
<td>$22.0 billion</td>
</tr>
</tbody>
</table>

### The Details

- **Largest Employment Sector:** Tourism and recreation employs 72% of the region’s marine economy.
- **Largest GDP Sector:** Tourism and recreation produces 53% of the total gross domestic product (GDP) derived from the region’s marine economy.
- **High Earners:** The average wage of marine economy employees in the Northeast region is $40,697, which is lower than the region average ($68,619). Marine construction has the highest average wage per employee at $87,203.
- **National Ranking:** The Northeast region is ranked 6 out of 8 coastal regions for marine employment, and 5 out of 8 coastal regions for GDP.
- **Top County: Employment** Suffolk County, Massachusetts, is home to 9% of marine jobs in the Northeast region.
- **Top County: GDP** New London County, Connecticut, produces 11% of the marine economy’s gross domestic product in the Northeast region.

### Northeast Region's Marine Economy

<table>
<thead>
<tr>
<th>Category</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Businesses</td>
<td>15,759</td>
</tr>
<tr>
<td>Employees</td>
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<tr>
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</tr>
<tr>
<td>GDP</td>
<td>$22.0 billion</td>
</tr>
</tbody>
</table>

#### LEGEND (1 CELL = 1%)
- Living Resources
- Marine Transportation
- Ship and Boat Building
- Marine Construction
- Offshore Mineral Resources
- Tourism and Recreation

### A Decade of Change (2009-2019)

- **17%** Business: The Northeast region had an increase of 2,325 marine businesses, which was an increase of 17% over the past decade.
- **31%** Employees: The Northeast region had an increase of 65,921 marine jobs, an increase of 31% over the past decade.
- **30%** Average Wages: On average, an employee working in the Northeast region’s marine economy made $40,697 in 2019, compared to an average wage of $31,407 in 2009. The marine economy average wage in the Northeast region had an increase of 30%.
- **43%** Gross Domestic Product: The value of the Northeast region’s marine economy had an increase of 43% over the past decade. Changes in GDP can be driven by volatility of the price of resources.
The marine economy is defined as those businesses whose existence depends on the oceans or Great Lakes. The economic data found here helps leaders better understand trends and consider the needs of these businesses when making decisions about the future of the coast. Six sectors make up the marine economy: marine construction, offshore mineral extraction, tourism and recreation, living resources, ship and boat building, and marine transportation.

The Big Picture
North Pacific/Alaska Region's Marine Economy in 2019

<p>| | | | | |</p>
<table>
<thead>
<tr>
<th></th>
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<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Businesses</td>
<td>2,528</td>
<td>Employees</td>
<td>46,197</td>
<td>Wages</td>
</tr>
<tr>
<td>GDP</td>
<td>$8.4 billion</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

The Details

**Largest Employment Sector:** Tourism and recreation employs 51% of the region’s marine economy

**Largest GDP Sector:** Offshore mineral resources produces 69% of the total gross domestic product (GDP) derived from the region’s marine economy

**High Earners:** The average wage of marine economy employees in the North Pacific/Alaska region is $61,402, which is higher than the region average ($57,518). Offshore mineral resources has the highest average wage per employee at $148,507.

**National Ranking:** The North Pacific/Alaska region is ranked 8 out of 8 coastal regions for marine employment, and 8 out of 8 coastal regions for GDP

**Top County: Employment** Anchorage Municipality, Alaska, is home to 39% of marine jobs in the North Pacific/Alaska region

**Top County: GDP** Anchorage Municipality, Alaska, produces 41% of the marine economy’s gross domestic product in the North Pacific/Alaska region

North Pacific/Alaska Region's Marine Economy

2,528 Businesses
46,197 Employees
$2.8 billion Wages
$8.4 billion GDP

LEGEND (1 CELL = 1%)

Living Resources
Marine Transportation
Ship and Boat Building
Marine Construction
Offshore Mineral Resources
Tourism and Recreation

A Decade of Change (2009-2019)

19% Businesses
The North Pacific/Alaska region had an increase of 411 marine businesses, which was an increase of 19% over the past decade.

6% Employees
The North Pacific/Alaska region had an increase of 2,532 marine jobs, an increase of 6% over the past decade.

17% Average Wages
On average, an employee working in the North Pacific/Alaska region's marine economy made $61,402 in 2019, compared to an average wage of $52,273 in 2009. The marine economy average wage in the North Pacific/Alaska region had an increase of 17%.

-26% Gross Domestic Product
The value of the North Pacific/Alaska region's marine economy had a decrease of 26% over the past decade. Changes in GDP can be driven by volatility of the price of resources.
2022 Marine Economy Report

Pacific/Hawaii Region

The marine economy is defined as those businesses whose existence depends on the oceans or Great Lakes. The economic data found here helps leaders better understand trends and consider the needs of these businesses when making decisions about the future of the coast. Six sectors make up the marine economy: marine construction, offshore mineral extraction, tourism and recreation, living resources, ship and boat building, and marine transportation.

The Big Picture

Pacific/Hawaii Region's Marine Economy in 2019

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Businesses</td>
<td>Employees</td>
<td>Wages</td>
<td>GDP</td>
</tr>
<tr>
<td>4,731</td>
<td>126,386</td>
<td>$5.3 billion</td>
<td>$10.9 billion</td>
</tr>
</tbody>
</table>

The Details

Largest Employment Sector: Tourism and recreation employs 90% of the region’s marine economy

Largest GDP Sector: Tourism and recreation produces 89% of the total gross domestic product (GDP) derived from the region’s marine economy

High Earners: The average wage of marine economy employees in the Pacific/Hawaii region is $41,870, which is lower than the region average ($52,686). Marine construction has the highest average wage per employee at $111,199.

National Ranking: The Pacific/Hawaii region is ranked 7 out of 8 coastal regions for marine employment, and 7 out of 8 coastal regions for GDP

Top County: Employment Honolulu County, Hawaii, is home to 62% of marine jobs in the Pacific/Hawaii region

Top County: GDP Honolulu County, Hawaii, produces 55% of the marine economy’s gross domestic product in the Pacific/Hawaii region

Pacific/Hawaii Region's Marine Economy

<table>
<thead>
<tr>
<th>Businesses</th>
<th>Employees</th>
<th>Wages</th>
<th>GDP</th>
</tr>
</thead>
<tbody>
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<td>4,731</td>
<td>126,386</td>
<td>$5.3 billion</td>
<td>$10.9 billion</td>
</tr>
</tbody>
</table>

LEGEND (1 CELL = 1%)
- Living Resources
- Marine Transportation
- Ship and Boat Building
- Marine Construction
- Offshore Mineral Resources
- Tourism and Recreation

A Decade of Change (2009-2019)

19% Businesses
The Pacific/Hawaii region had an increase of 767 marine businesses, which was an increase of 19% over the past decade.

26% Employees
The Pacific/Hawaii region had an increase of 25,814 marine jobs, an increase of 26% over the past decade.

38% Average Wages
On average, an employee working in the Pacific/Hawaii region’s marine economy made $41,870 in 2019, compared to an average wage of $30,262 in 2009. The marine economy average wage in the Pacific/Hawaii region had an increase of 38%.

47% Gross Domestic Product
The value of the Pacific/Hawaii region’s marine economy had an increase of 47% over the past decade. Changes in GDP can be driven by volatility of the price of resources.

Office for Coastal Management
2022 Marine Economy Report

Southeast Region

The marine economy is defined as those businesses whose existence depends on the oceans or Great Lakes. The economic data found here helps leaders better understand trends and consider the needs of these businesses when making decisions about the future of the coast. Six sectors make up the marine economy: marine construction, offshore mineral extraction, tourism and recreation, living resources, ship and boat building, and marine transportation.

The Big Picture

Southeast Region's Marine Economy in 2019

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Businesses</td>
<td>20,139</td>
</tr>
<tr>
<td>Employees</td>
<td>460,076</td>
</tr>
<tr>
<td>Wages</td>
<td>$14.9 billion</td>
</tr>
<tr>
<td>GDP</td>
<td>$32.7 billion</td>
</tr>
</tbody>
</table>

The Details

- **Largest Employment Sector:** Tourism and recreation employs 77% of the region’s marine economy
- **Largest GDP Sector:** Tourism and recreation produces 60% of the total gross domestic product (GDP) derived from the region’s marine economy
- **High Earners:** The average wage of marine economy employees in the Southeast region is $32,299, which is lower than the region average ($52,607). Marine construction has the highest average wage per employee at $62,299.
- **National Ranking:** The Southeast region is ranked 4 out of 8 coastal regions for marine employment, and 4 out of 8 coastal regions for GDP
- **Top County: Employment** Miami-Dade County, Florida, is home to 20% of marine jobs in the Southeast region
- **Top County: GDP** Miami-Dade County, Florida, produces 27% of the marine economy’s gross domestic product in the Southeast region


Office for Coastal Management
Southeast Region's Marine Economy

- **Businesses**: 20,139
- **Employees**: 460,076
- **Wages**: $14.9 billion
- **GDP**: $32.7 billion

LEGEND (1 CELL = 1%)
- Living Resources
- Marine Transportation
- Ship and Boat Building
- Marine Construction
- Offshore Mineral Resources
- Tourism and Recreation

A Decade of Change (2009-2019)

- **Businesses**
  - 19% increase
  - The Southeast region had an increase of 3,257 marine businesses, which was an increase of 19% over the past decade.

- **Employees**
  - 51% increase
  - The Southeast region had an increase of 154,637 marine jobs, an increase of 51% over the past decade.

- **Average Wages**
  - 36% increase
  - On average, an employee working in the Southeast region's marine economy made $32,299 in 2019, compared to an average wage of $23,780 in 2009. The marine economy average wage in the Southeast region had an increase of 36%.

- **Gross Domestic Product**
  - 36% increase
  - The value of the Southeast region's marine economy had an increase of 36% over the past decade. Changes in GDP can be driven by volatility of the price of resources.
2022 Marine Economy Report

West Coast Region

The marine economy is defined as those businesses whose existence depends on the oceans or Great Lakes. The economic data found here helps leaders better understand trends and consider the needs of these businesses when making decisions about the future of the coast. Six sectors make up the marine economy: marine construction, offshore mineral extraction, tourism and recreation, living resources, ship and boat building, and marine transportation.

The Big Picture

West Coast Region's Marine Economy in 2019

<table>
<thead>
<tr>
<th>Businesses</th>
<th>Employees</th>
<th>Wages</th>
<th>GDP</th>
</tr>
</thead>
<tbody>
<tr>
<td>35,387</td>
<td>784,531</td>
<td>$34.8 billion</td>
<td>$70.4 billion</td>
</tr>
</tbody>
</table>

The Details

- **Largest Employment Sector**: Tourism and recreation employs 71% of the region’s marine economy
- **Largest GDP Sector**: Tourism and recreation produces 50% of the total gross domestic product (GDP) derived from the region’s marine economy
- **High Earners**: The average wage of marine economy employees in the West Coast region is $44,310, which is lower than the region average ($69,703). Marine construction has the highest average wage per employee at $107,165.
- **National Ranking**: The West Coast region is ranked 2 out of 8 coastal regions for marine employment, and 2 out of 8 coastal regions for GDP
- **Top County: Employment**: San Diego County, California, is home to 15% of marine jobs in the West Coast region
- **Top County: GDP**: Los Angeles County, California, produces 21% of the marine economy’s gross domestic product in the West Coast region

### West Coast Region's Marine Economy

<table>
<thead>
<tr>
<th>Business Category</th>
<th>2019 Value</th>
<th>2019 Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Businesses</td>
<td>35,387</td>
<td></td>
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<tr>
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<td></td>
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#### A Decade of Change (2009-2019)

- **22% Businesses**: The West Coast region had an increase of 6,464 marine businesses, which was an increase of 22% over the past decade.
- **26% Employees**: The West Coast region had an increase of 159,484 marine jobs, an increase of 26% over the past decade.
- **20% Average Wages**: On average, an employee working in the West Coast region's marine economy made $44,310 in 2019, compared to an average wage of $36,903 in 2009. The marine economy average wage in the West Coast region had an increase of 20%.
- **12% Gross Domestic Product**: The value of the West Coast region’s marine economy had an increase of 12% over the past decade. Changes in GDP can be driven by volatility of the price of resources.

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Office for Coastal Management
2022 Marine Economy Report

Alabama

The marine economy is defined as those businesses whose existence depends on the oceans or Great Lakes. The economic data found here helps leaders better understand trends and consider the needs of these businesses when making decisions about the future of the coast. Six sectors make up the marine economy: marine construction, offshore mineral extraction, tourism and recreation, living resources, ship and boat building, and marine transportation.

The Big Picture
Alabama's Marine Economy in 2019

<table>
<thead>
<tr>
<th>Businesses</th>
<th>Employees</th>
<th>Wages</th>
<th>GDP</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,456</td>
<td>31,406</td>
<td>$1.1 billion</td>
<td>$2.2 billion</td>
</tr>
</tbody>
</table>

The Details

Largest Employment Sector: Tourism and recreation employs 64% of the state’s marine economy

Largest GDP Sector: Tourism and recreation produces 37% of the total gross domestic product (GDP) derived from the state’s marine economy

High Earners: The average wage of marine economy employees in Alabama is $34,025, which is lower than the state average ($48,839). Offshore mineral resources has the highest average wage per employee at $104,700.

National Ranking: Alabama is ranked 25 out of 30 coastal states for marine employment, and 25 out of 30 coastal states for GDP

Top County: Employment Mobile County, Alabama, is home to 51% of marine jobs in Alabama

Top County: GDP Mobile County, Alabama, produces 61% of the marine economy’s gross domestic product in Alabama


Office for Coastal Management
Alabama's Marine Economy

LEGEND (1 CELL = 1%)
- Living Resources
- Marine Transportation
- Ship and Boat Building
- Offshore Mineral Resources
- Tourism and Recreation

A Decade of Change (2009-2019)

**Businesses**
Alabama had an increase of 308 marine businesses, which was an increase of 27% over the past decade.

**Employees**
Alabama had an increase of 7,379 marine jobs, an increase of 31% over the past decade.

**Average Wages**
On average, an employee working in Alabama’s marine economy made $34,025 in 2019, compared to an average wage of $27,734 in 2009. The marine economy average wage in Alabama had an increase of 23%.

**Gross Domestic Product**
The value of Alabama’s marine economy had a decrease of 8% over the past decade. Changes in GDP can be driven by volatility of the price of resources.
Alaska

The marine economy is defined as those businesses whose existence depends on the oceans or Great Lakes. The economic data found here helps leaders better understand trends and consider the needs of these businesses when making decisions about the future of the coast. Six sectors make up the marine economy: marine construction, offshore mineral extraction, tourism and recreation, living resources, ship and boat building, and marine transportation.

### The Big Picture

**Alaska's Marine Economy in 2019**

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<table>
<thead>
<tr>
<th></th>
<th></th>
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</thead>
<tbody>
<tr>
<td>Businesses</td>
<td>2,528</td>
<td>Employees</td>
<td>46,197</td>
</tr>
<tr>
<td>Wages</td>
<td></td>
<td>GDP</td>
<td></td>
</tr>
</tbody>
</table>

### The Details

<table>
<thead>
<tr>
<th>Largest Employment Sector</th>
<th>Tourism and recreation employs 51% of the state’s marine economy</th>
</tr>
</thead>
<tbody>
<tr>
<td>Largest GDP Sector</td>
<td>Offshore mineral resources produces 69% of the total gross domestic product (GDP) derived from the state’s marine economy</td>
</tr>
<tr>
<td>High Earners</td>
<td>The average wage of marine economy employees in Alaska is $61,402, which is higher than the state average ($57,518). Offshore mineral resources has the highest average wage per employee at $148,507.</td>
</tr>
<tr>
<td>National Ranking</td>
<td>Alaska is ranked 21 out of 30 coastal states for marine employment, and 11 out of 30 coastal states for GDP</td>
</tr>
<tr>
<td>Top County: Employment</td>
<td>Anchorage Municipality, Alaska, is home to 39% of marine jobs in Alaska</td>
</tr>
<tr>
<td>Top County: GDP</td>
<td>Anchorage Municipality, Alaska, produces 41% of the marine economy’s gross domestic product in Alaska</td>
</tr>
</tbody>
</table>

Alaska's Marine Economy

LEGEND (1 CELL = 1%)

Living Resources
Marine Transportation
Ship and Boat Building
Marine Construction
Offshore Mineral Resources
Tourism and Recreation

A Decade of Change (2009-2019)

19% Businesses
Alaska had an increase of 411 marine businesses, which was an increase of 19% over the past decade.

6% Employees
Alaska had an increase of 2,532 marine jobs, an increase of 6% over the past decade.

17% Average Wages
On average, an employee working in Alaska's marine economy made $61,402 in 2019, compared to an average wage of $52,273 in 2009. The marine economy average wage in Alaska had an increase of 17%.

-26% Gross Domestic Product
The value of Alaska’s marine economy had a decrease of 26% over the past decade. Changes in GDP can be driven by volatility of the price of resources.

Office for Coastal Management
California

The marine economy is defined as those businesses whose existence depends on the oceans or Great Lakes. The economic data found here helps leaders better understand trends and consider the needs of these businesses when making decisions about the future of the coast. Six sectors make up the marine economy: marine construction, offshore mineral extraction, tourism and recreation, living resources, ship and boat building, and marine transportation.

The Big Picture

California's Marine Economy in 2019

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Businesses</td>
<td>Employees</td>
<td>Wages</td>
<td>GDP</td>
</tr>
<tr>
<td>26,084</td>
<td>598,327</td>
<td>$26.4 billion</td>
<td>$51.6 billion</td>
</tr>
</tbody>
</table>

The Details

Largest Employment Sector: Tourism and recreation employs 75% of the state’s marine economy

Largest GDP Sector: Tourism and recreation produces 54% of the total gross domestic product (GDP) derived from the state’s marine economy

High Earners: The average wage of marine economy employees in California is $44,059, which is lower than the state average ($71,351). Marine construction has the highest average wage per employee at $110,746.

National Ranking: California is ranked 1 out of 30 coastal states for marine employment, and 2 out of 30 coastal states for GDP

Top County: Employment San Diego County, California, is home to 20% of marine jobs in California

Top County: GDP Los Angeles County, California, produces 29% of the marine economy’s gross domestic product in California


Office for Coastal Management
California's Marine Economy

- **Businesses**: 26,084
- **Employees**: 598,327
- **Wages**: $26.4 billion
- **GDP**: $51.6 billion

**LEGEND (1 CELL = 1%)**
- Living Resources
- Marine Transportation
- Ship and Boat Building
- Marine Construction
- Offshore Mineral Resources
- Tourism and Recreation

**A Decade of Change (2009-2019)**

- **28%**
  - **Businesses**: California had an increase of 5,754 marine businesses, which was an increase of 28% over the past decade.

- **25%**
  - **Employees**: California had an increase of 118,635 marine jobs, an increase of 25% over the past decade.

- **18%**
  - **Average Wages**: On average, an employee working in California’s marine economy made $44,059 in 2019, compared to an average wage of $37,436 in 2009. The marine economy average wage in California had an increase of 18%.

- **6%**
  - **Gross Domestic Product**: The value of California's marine economy had an increase of 6% over the past decade. Changes in GDP can be driven by volatility of the price of resources.

Office for Coastal Management
The marine economy is defined as those businesses whose existence depends on the oceans or Great Lakes. The economic data found here helps leaders better understand trends and consider the needs of these businesses when making decisions about the future of the coast. Six sectors make up the marine economy: marine construction, offshore mineral extraction, tourism and recreation, living resources, ship and boat building, and marine transportation.

**The Big Picture**

Connecticut's Marine Economy in 2019

<table>
<thead>
<tr>
<th>3,182</th>
<th>60,168</th>
<th>$2.6 billion</th>
<th>$4.9 billion</th>
</tr>
</thead>
<tbody>
<tr>
<td>Businesses</td>
<td>Employees</td>
<td>Wages</td>
<td>GDP</td>
</tr>
</tbody>
</table>

**The Details**

- **Largest Employment Sector:** Tourism and recreation employs 66% of the state’s marine economy
- **Largest GDP Sector:** Tourism and recreation produces 44% of the total gross domestic product (GDP) derived from the state’s marine economy
- **High Earners:** The average wage of marine economy employees in Connecticut is $43,847, which is lower than the state average ($69,771). Ship and boat building has the highest average wage per employee at $94,973.
- **National Ranking:** Connecticut is ranked 15 out of 30 coastal states for marine employment, and 15 out of 30 coastal states for GDP
- **Top County: Employment** New London County, Connecticut, is home to 34% of marine jobs in Connecticut
- **Top County: GDP** New London County, Connecticut, produces 50% of the marine economy’s gross domestic product in Connecticut

Connecticut's Marine Economy

3,182 Businesses
60,168 Employees
$2.6 billion Wages
$4.9 billion GDP

LEGEND (1 CELL = 1%)
- Living Resources
- Marine Transportation
- Ship and Boat Building
- Marine Construction
- Offshore Mineral Resources
- Tourism and Recreation

A Decade of Change (2009-2019)

19% Businesses
Connecticut had an increase of 497 marine businesses, which was an increase of 19% over the past decade.

35% Employees
Connecticut had an increase of 15,545 marine jobs, an increase of 35% over the past decade.

15% Average Wages
On average, an employee working in Connecticut’s marine economy made $43,847 in 2019, compared to an average wage of $37,980 in 2009. The marine economy average wage in Connecticut had an increase of 15%.

9% Gross Domestic Product
The value of Connecticut's marine economy had an increase of 9% over the past decade. Changes in GDP can be driven by volatility of the price of resources.
Delaware

The marine economy is defined as those businesses whose existence depends on the oceans or Great Lakes. The economic data found here helps leaders better understand trends and consider the needs of these businesses when making decisions about the future of the coast. Six sectors make up the marine economy: marine construction, offshore mineral extraction, tourism and recreation, living resources, ship and boat building, and marine transportation.

The Big Picture

Delaware's Marine Economy in 2019

<table>
<thead>
<tr>
<th>Businesses</th>
<th>Employees</th>
<th>Wages</th>
<th>GDP</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,632</td>
<td>29,794</td>
<td>$787 million</td>
<td>$1.5 billion</td>
</tr>
</tbody>
</table>

The Details

**Largest Employment Sector:** Tourism and recreation employs 78% of the state’s marine economy

**Largest GDP Sector:** Tourism and recreation produces 70% of the total gross domestic product (GDP) derived from the state’s marine economy

**High Earners:** The average wage of marine economy employees in Delaware is $26,410, which is lower than the state average ($58,479). Marine construction has the highest average wage per employee at $71,413.

**National Ranking:** Delaware is ranked 27 out of 30 coastal states for marine employment, and 29 out of 30 coastal states for GDP

**Top County: Employment** Sussex County, Delaware, is home to 41% of marine jobs in Delaware

**Top County: GDP** Sussex County, Delaware, produces 45% of the marine economy’s gross domestic product in Delaware

Delaware's Marine Economy

LEGEND (1 CELL = 1%)
- Living Resources
- Marine Transportation
- Offshore Mineral Resources
- Ship and Boat Building
- Tourism and Recreation

<table>
<thead>
<tr>
<th>Category</th>
<th>Quantity</th>
<th>Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Businesses</td>
<td>1,632</td>
<td>58%</td>
</tr>
<tr>
<td>Employees</td>
<td>29,794</td>
<td>65%</td>
</tr>
<tr>
<td>Wages</td>
<td>$787 million</td>
<td></td>
</tr>
<tr>
<td>GDP</td>
<td>$1.5 billion</td>
<td></td>
</tr>
</tbody>
</table>

A Decade of Change (2009-2019)

- **Businesses**: Delaware had an increase of 602 marine businesses, which was an increase of 58% over the past decade.

- **Employees**: Delaware had an increase of 11,749 marine jobs, an increase of 65% over the past decade.

- **Average Wages**: On average, an employee working in Delaware's marine economy made $26,410 in 2019, compared to an average wage of $20,130 in 2009. The marine economy average wage in Delaware had an increase of 31%.

- **Gross Domestic Product**: The value of Delaware's marine economy had an increase of 82% over the past decade. Changes in GDP can be driven by volatility of the price of resources.
The marine economy is defined as those businesses whose existence depends on the oceans or Great Lakes. The economic data found here helps leaders better understand trends and consider the needs of these businesses when making decisions about the future of the coast. Six sectors make up the marine economy: marine construction, offshore mineral extraction, tourism and recreation, living resources, ship and boat building, and marine transportation.

### The Big Picture

**Florida's Marine Economy in 2019**

<table>
<thead>
<tr>
<th>Businesses</th>
<th>Employees</th>
<th>Wages</th>
<th>GDP</th>
</tr>
</thead>
<tbody>
<tr>
<td>23,779</td>
<td>556,860</td>
<td>$18.1 billion</td>
<td>$37.0 billion</td>
</tr>
</tbody>
</table>

### The Details

- **Largest Employment Sector:** Tourism and recreation employs 78% of the state’s marine economy
- **Largest GDP Sector:** Tourism and recreation produces 64% of the total gross domestic product (GDP) derived from the state’s marine economy
- **High Earners:** The average wage of marine economy employees in Florida is $32,584, which is lower than the state average ($51,741). Marine construction has the highest average wage per employee at $59,883.
- **National Ranking:** Florida is ranked 2 out of 30 coastal states for marine employment, and 3 out of 30 coastal states for GDP
- **Top County: Employment** Miami-Dade County, Florida, is home to 16% of marine jobs in Florida
- **Top County: GDP** Miami-Dade County, Florida, produces 24% of the marine economy’s gross domestic product in Florida

## Florida's Marine Economy

<table>
<thead>
<tr>
<th>Businesses</th>
<th>Employees</th>
<th>Wages</th>
<th>GDP</th>
</tr>
</thead>
<tbody>
<tr>
<td>23,779</td>
<td>556,860</td>
<td>$18.1 billion</td>
<td>$37.0 billion</td>
</tr>
</tbody>
</table>

**LEGEND (1 CELL = 1%)**
- Living Resources
- Marine Transportation
- Ship and Boat Building
- Marine Construction
- Offshore Mineral Resources
- Tourism and Recreation

### A Decade of Change (2009-2019)

- **-1% Businesses**
  - Florida had a decrease of 236 marine businesses, which was a decrease of 1% over the past decade.

- **38% Employees**
  - Florida had an increase of 154,709 marine jobs, an increase of 38% over the past decade.

- **30% Average Wages**
  - On average, an employee working in Florida's marine economy made $32,584 in 2019, compared to an average wage of $25,145 in 2009. The marine economy average wage in Florida had an increase of 30%.

- **28% Gross Domestic Product**
  - The value of Florida's marine economy had an increase of 28% over the past decade. Changes in GDP can be driven by volatility of the price of resources.
2022 Marine Economy Report

Georgia

The marine economy is defined as those businesses whose existence depends on the oceans or Great Lakes. The economic data found here helps leaders better understand trends and consider the needs of these businesses when making decisions about the future of the coast. Six sectors make up the marine economy: marine construction, offshore mineral extraction, tourism and recreation, living resources, ship and boat building, and marine transportation.

The Big Picture

Georgia's Marine Economy in 2019

<table>
<thead>
<tr>
<th>Businesses</th>
<th>Employees</th>
<th>Wages</th>
<th>GDP</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,292</td>
<td>30,060</td>
<td>$917 million</td>
<td>$1.8 billion</td>
</tr>
</tbody>
</table>

The Details

Largest Employment Sector: Tourism and recreation employs 58% of the state’s marine economy

Largest GDP Sector: Tourism and recreation produces 42% of the total gross domestic product (GDP) derived from the state’s marine economy

High Earners: The average wage of marine economy employees in Georgia is $30,503, which is lower than the state average ($55,263). Offshore mineral resources has the highest average wage per employee at $47,741.

National Ranking: Georgia is ranked 26 out of 30 coastal states for marine employment, and 27 out of 30 coastal states for GDP

Top County: Employment Chatham County, Georgia, is home to 50% of marine jobs in Georgia

Top County: GDP Chatham County, Georgia, produces 42% of the marine economy’s gross domestic product in Georgia


Office for Coastal Management
Georgia's Marine Economy

- **Businesses**: 1,292
- **Employees**: 30,060
- **Wages**: $917 million
- **GDP**: $1.8 billion

**LEGEND (1 CELL = 1%)**
- Living Resources
- Marine Transportation
- Ship and Boat Building
- Offshore Mineral Resources
- Tourism and Recreation

**A Decade of Change (2009-2019)**

- **15%**
  - **Businesses**: Georgia had an increase of 172 marine businesses, which was an increase of 15% over the past decade.

- **36%**
  - **Employees**: Georgia had an increase of 7,895 marine jobs, an increase of 36% over the past decade.

- **33%**
  - **Average Wages**: On average, an employee working in Georgia's marine economy made $30,503 in 2019, compared to an average wage of $22,912 in 2009. The marine economy average wage in Georgia had an increase of 33%.

- **44%**
  - **Gross Domestic Product**: The value of Georgia's marine economy had an increase of 44% over the past decade. Changes in GDP can be driven by volatility of the price of resources.

Office for Coastal Management
2022 Marine Economy Report

Hawaii

The marine economy is defined as those businesses whose existence depends on the oceans or Great Lakes. The economic data found here helps leaders better understand trends and consider the needs of these businesses when making decisions about the future of the coast. Six sectors make up the marine economy: marine construction, offshore mineral extraction, tourism and recreation, living resources, ship and boat building, and marine transportation.

The Big Picture
Hawaii's Marine Economy in 2019

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
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<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Businesses</td>
<td>Employees</td>
<td>Wages</td>
<td>GDP</td>
</tr>
<tr>
<td>4,731</td>
<td>126,386</td>
<td>$5.3 billion</td>
<td>$10.9 billion</td>
</tr>
</tbody>
</table>

The Details

**Largest Employment Sector:** Tourism and recreation employs 90% of the state’s marine economy

**Largest GDP Sector:** Tourism and recreation produces 89% of the total gross domestic product (GDP) derived from the state’s marine economy

**High Earners:** The average wage of marine economy employees in Hawaii is $41,870, which is lower than the state average ($52,686). Marine construction has the highest average wage per employee at $111,199.

**National Ranking:** Hawaii is ranked 8 out of 30 coastal states for marine employment, and 8 out of 30 coastal states for GDP

**Top County: Employment** Honolulu County, Hawaii, is home to 62% of marine jobs in Hawaii

**Top County: GDP** Honolulu County, Hawaii, produces 55% of the marine economy’s gross domestic product in Hawaii

Hawaii's Marine Economy

- **Businesses**: 4,731
- **Employees**: 126,386
- **Wages**: $5.3 billion
- **GDP**: $10.9 billion

**LEGEND (1 CELL = 1%)**
- Living Resources
- Marine Transportation
- Ship and Boat Building
- Marine Construction
- Offshore Mineral Resources
- Tourism and Recreation

**A Decade of Change (2009-2019)**

- **Businesses**: 19%
  - Hawaii had an increase of 767 marine businesses, which was an increase of 19% over the past decade.

- **Employees**: 26%
  - Hawaii had an increase of 25,814 marine jobs, an increase of 26% over the past decade.

- **Average Wages**: 38%
  - On average, an employee working in Hawaii's marine economy made $41,870 in 2019, compared to an average wage of $30,262 in 2009. The marine economy average wage in Hawaii had an increase of 38%.

- **Gross Domestic Product**: 47%
  - The value of Hawaii's marine economy had an increase of 47% over the past decade. Changes in GDP can be driven by volatility of the price of resources.

Office for Coastal Management
2022 Marine Economy Report

Illinois

The marine economy is defined as those businesses whose existence depends on the oceans or Great Lakes. The economic data found here helps leaders better understand trends and consider the needs of these businesses when making decisions about the future of the coast. Six sectors make up the marine economy: marine construction, offshore mineral extraction, tourism and recreation, living resources, ship and boat building, and marine transportation.

The Big Picture
Illinois' Marine Economy in 2019

<table>
<thead>
<tr>
<th></th>
<th>3,352</th>
<th>84,554</th>
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<tbody>
<tr>
<td>Businesses</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Employees</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

The Details

Largest Employment Sector: Tourism and recreation employs 79% of the state’s marine economy

Largest GDP Sector: Tourism and recreation produces 71% of the total gross domestic product (GDP) derived from the state’s marine economy

High Earners: The average wage of marine economy employees in Illinois is $40,038, which is lower than the state average ($61,572). Offshore mineral resources has the highest average wage per employee at $98,141.

National Ranking: Illinois is ranked 13 out of 30 coastal states for marine employment, and 13 out of 30 coastal states for GDP

Top County: Employment Cook County, Illinois, is home to 85% of marine jobs in Illinois

Top County: GDP Cook County, Illinois, produces 85% of the marine economy’s gross domestic product in Illinois


Office for Coastal Management
Illinois' Marine Economy

LEGEND (1 CELL = 1%)
- Living Resources
- Marine Transportation
- Ship and Boat Building
- Marine Construction
- Offshore Mineral Resources
- Tourism and Recreation

A Decade of Change (2009-2019)

**29%**
- **Businesses**
  Illinois had an increase of 755 marine businesses, which was an increase of 29% over the past decade.

**0%**
- **Employees**
  Illinois had an increase of 355 marine jobs, an increase of 0% over the past decade.

**28%**
- **Average Wages**
  On average, an employee working in Illinois' marine economy made $40,038 in 2019, compared to an average wage of $31,400 in 2009. The marine economy average wage in Illinois had an increase of 28%.

**1%**
- **Gross Domestic Product**
  The value of Illinois' marine economy had an increase of 1% over the past decade. Changes in GDP can be driven by volatility of the price of resources.
The marine economy is defined as those businesses whose existence depends on the oceans or Great Lakes. The economic data found here helps leaders better understand trends and consider the needs of these businesses when making decisions about the future of the coast. Six sectors make up the marine economy: marine construction, offshore mineral extraction, tourism and recreation, living resources, ship and boat building, and marine transportation.

**The Big Picture**

**Indiana's Marine Economy in 2019**

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>564</td>
<td>14,934</td>
<td>$600 million</td>
</tr>
<tr>
<td></td>
<td>Businesses</td>
<td>Employees</td>
<td>Wages</td>
</tr>
</tbody>
</table>

**The Details**

- **Largest Employment Sector:** Tourism and recreation employs 48% of the state’s marine economy
- **Largest GDP Sector:** Ship and boat building produces 42% of the total gross domestic product (GDP) derived from the state’s marine economy
- **High Earners:** The average wage of marine economy employees in Indiana is $40,174, which is lower than the state average ($48,793). Marine construction has the highest average wage per employee at $88,429.
- **National Ranking:** Indiana is ranked 29 out of 30 coastal states for marine employment, and 30 out of 30 coastal states for GDP
- **Top County: Employment** Porter County, Indiana, is home to 28% of marine jobs in Indiana
- **Top County: GDP** Porter County, Indiana, produces 14% of the marine economy’s gross domestic product in Indiana

Indiana's Marine Economy

LEGEND (1 CELL = 1%)
- Living Resources
- Marine Transportation
- Ship and Boat Building
- Marine Construction
- Offshore Mineral Resources
- Tourism and Recreation

A Decade of Change (2009-2019)

- **Businesses**: Indiana had an increase of 65 marine businesses, which was an increase of 13% over the past decade.
- **Employees**: Indiana had an increase of 2,510 marine jobs, an increase of 20% over the past decade.
- **Average Wages**: On average, an employee working in Indiana's marine economy made $40,174 in 2019, compared to an average wage of $30,630 in 2009. The marine economy average wage in Indiana had an increase of 31%.
- **Gross Domestic Product**: The value of Indiana's marine economy had an increase of 50% over the past decade. Changes in GDP can be driven by volatility of the price of resources.
2022 Marine Economy Report

Louisiana

The marine economy is defined as those businesses whose existence depends on the oceans or Great Lakes. The economic data found here helps leaders better understand trends and consider the needs of these businesses when making decisions about the future of the coast. Six sectors make up the marine economy: marine construction, offshore mineral extraction, tourism and recreation, living resources, ship and boat building, and marine transportation.

The Big Picture

Louisiana's Marine Economy in 2019

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
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<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Businesses</td>
<td>4,437</td>
<td>Employees</td>
<td>108,231</td>
</tr>
<tr>
<td>Wages</td>
<td>$5.7 billion</td>
<td>GDP</td>
<td>$14.2 billion</td>
</tr>
</tbody>
</table>

The Details

- **Largest Employment Sector:** Tourism and recreation employs 49% of the state’s marine economy
- **Largest GDP Sector:** Offshore mineral resources produces 49% of the total gross domestic product (GDP) derived from the state’s marine economy
- **High Earners:** The average wage of marine economy employees in Louisiana is $52,507, which is higher than the state average ($49,286). Offshore mineral resources has the highest average wage per employee at $112,825.
- **National Ranking:** Louisiana is ranked 10 out of 30 coastal states for marine employment, and 6 out of 30 coastal states for GDP
- **Top County: Employment** Orleans Parish, Louisiana, is home to 30% of marine jobs in Louisiana
- **Top County: GDP** Orleans Parish, Louisiana, produces 27% of the marine economy’s gross domestic product in Louisiana

Louisiana's Marine Economy

LEGEND (1 CELL = 1%)
- Living Resources
- Marine Transportation
- Ship and Boat Building
- Marine Construction
- Offshore Mineral Resources
- Tourism and Recreation

A Decade of Change (2009-2019)

- **10%**
  - **Businesses**
  
  Louisiana had an increase of 391 marine businesses, which was an increase of 10% over the past decade.

- **2%**
  - **Employees**
  
  Louisiana had an increase of 1,955 marine jobs, an increase of 2% over the past decade.

- **9%**
  - **Average Wages**
  
  On average, an employee working in Louisiana's marine economy made $52,507 in 2019, compared to an average wage of $48,364 in 2009. The marine economy average wage in Louisiana had an increase of 9%.

- **-10%**
  - **Gross Domestic Product**
  
  The value of Louisiana's marine economy had a decrease of 10% over the past decade. Changes in GDP can be driven by volatility of the price of resources.
The marine economy is defined as those businesses whose existence depends on the oceans or Great Lakes. The economic data found here helps leaders better understand trends and consider the needs of these businesses when making decisions about the future of the coast. Six sectors make up the marine economy: marine construction, offshore mineral extraction, tourism and recreation, living resources, ship and boat building, and marine transportation.

The Big Picture
Maine's Marine Economy in 2019

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Businesses</td>
<td>3,523</td>
<td>Employees</td>
<td>53,589</td>
</tr>
<tr>
<td>Wages</td>
<td>$2.1 billion</td>
<td>GDP</td>
<td>$3.5 billion</td>
</tr>
</tbody>
</table>

The Details

Largest Employment Sector: Tourism and recreation employs 63% of the state’s marine economy

Largest GDP Sector: Tourism and recreation produces 57% of the total gross domestic product (GDP) derived from the state’s marine economy

High Earners: The average wage of marine economy employees in Maine is $39,344, which is lower than the state average ($47,188). Ship and boat building has the highest average wage per employee at $70,657.

National Ranking: Maine is ranked 18 out of 30 coastal states for marine employment, and 19 out of 30 coastal states for GDP

Top County: Employment Cumberland County, Maine, is home to 35% of marine jobs in Maine

Top County: GDP Cumberland County, Maine, produces 31% of the marine economy’s gross domestic product in Maine

Maine's Marine Economy

LEGEND (1 CELL = 1%)
- Living Resources
- Marine Transportation
- Ship and Boat Building
- Marine Construction
- Offshore Mineral Resources
- Tourism and Recreation

A Decade of Change (2009-2019)

- **28%**
  - Businesses
  - Maine had an increase of 768 marine businesses, which was an increase of 28% over the past decade.

- **26%**
  - Employees
  - Maine had an increase of 11,025 marine jobs, an increase of 26% over the past decade.

- **25%**
  - Average Wages
  - On average, an employee working in Maine's marine economy made $39,344 in 2019, compared to an average wage of $31,408 in 2009. The marine economy average wage in Maine had an increase of 25%.

- **41%**
  - Gross Domestic Product
  - The value of Maine's marine economy had an increase of 41% over the past decade. Changes in GDP can be driven by volatility of the price of resources.

Office for Coastal Management
2022 Marine Economy Report

Maryland

The marine economy is defined as those businesses whose existence depends on the oceans or Great Lakes. The economic data found here helps leaders better understand trends and consider the needs of these businesses when making decisions about the future of the coast. Six sectors make up the marine economy: marine construction, offshore mineral extraction, tourism and recreation, living resources, ship and boat building, and marine transportation.

The Big Picture

Maryland's Marine Economy in 2019

<table>
<thead>
<tr>
<th>Businesses</th>
<th>Employees</th>
<th>Wages</th>
<th>GDP</th>
</tr>
</thead>
<tbody>
<tr>
<td>4,890</td>
<td>111,491</td>
<td>$4.5 billion</td>
<td>$9.1 billion</td>
</tr>
</tbody>
</table>

The Details

- **Largest Employment Sector:** Tourism and recreation employs 64% of the state’s marine economy
- **Largest GDP Sector:** Marine transportation produces 51% of the total gross domestic product (GDP) derived from the state’s marine economy
- **High Earners:** The average wage of marine economy employees in Maryland is $40,393, which is lower than the state average ($62,976). Marine transportation has the highest average wage per employee at $72,058.
- **National Ranking:** Maryland is ranked 9 out of 30 coastal states for marine employment, and 10 out of 30 coastal states for GDP
- **Top County: Employment** Anne Arundel County, Maryland, is home to 28% of marine jobs in Maryland
- **Top County: GDP** Anne Arundel County, Maryland, produces 38% of the marine economy’s gross domestic product in Maryland


Office for Coastal Management
Maryland's Marine Economy

<table>
<thead>
<tr>
<th>Businesses</th>
<th>Employees</th>
<th>Wages</th>
<th>GDP</th>
</tr>
</thead>
<tbody>
<tr>
<td>4,890</td>
<td>111,491</td>
<td>$4.5 billion</td>
<td>$9.1 billion</td>
</tr>
</tbody>
</table>

LEGEND (1 CELL = 1%)
- Living Resources
- Marine Transportation
- Ship and Boat Building
- Marine Construction
- Offshore Mineral Resources
- Tourism and Recreation

A Decade of Change (2009-2019)

10% Businesses
Maryland had an increase of 457 marine businesses, which was an increase of 10% over the past decade.

32% Employees
Maryland had an increase of 26,861 marine jobs, an increase of 32% over the past decade.

21% Average Wages
On average, an employee working in Maryland's marine economy made $40,393 in 2019, compared to an average wage of $33,360 in 2009. The marine economy average wage in Maryland had an increase of 21%.

48% Gross Domestic Product
The value of Maryland's marine economy had an increase of 48% over the past decade. Changes in GDP can be driven by volatility of the price of resources.
The marine economy is defined as those businesses whose existence depends on the oceans or Great Lakes. The economic data found here helps leaders better understand trends and consider the needs of these businesses when making decisions about the future of the coast. Six sectors make up the marine economy: marine construction, offshore mineral extraction, tourism and recreation, living resources, ship and boat building, and marine transportation.

The Big Picture
Massachusetts' Marine Economy in 2019

<table>
<thead>
<tr>
<th></th>
<th>Businesses</th>
<th>Employees</th>
<th>Wages</th>
<th>GDP</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>5,984</td>
<td>100,067</td>
<td>$3.9 billion</td>
<td>$8.2 billion</td>
</tr>
</tbody>
</table>

The Details

- **Largest Employment Sector:** Tourism and recreation employs 80% of the state’s marine economy
- **Largest GDP Sector:** Tourism and recreation produces 60% of the total gross domestic product (GDP) derived from the state’s marine economy
- **High Earners:** The average wage of marine economy employees in Massachusetts is $39,269, which is lower than the state average ($75,404). Marine construction has the highest average wage per employee at $94,590.
- **National Ranking:** Massachusetts is ranked 11 out of 30 coastal states for marine employment, and 12 out of 30 coastal states for GDP
- **Top County: Employment** Suffolk County, Massachusetts, is home to 24% of marine jobs in Massachusetts
- **Top County: GDP** Suffolk County, Massachusetts, produces 24% of the marine economy's gross domestic product in Massachusetts

Massachusetts' Marine Economy

LEGEND (1 CELL = 1%)

- Living Resources
- Marine Transportation
- Ship and Boat Building
- Marine Construction
- Offshore Mineral Resources
- Tourism and Recreation

A Decade of Change (2009-2019)

16% Businesses
Massachusetts had an increase of 829 marine businesses, which was an increase of 16% over the past decade.

27% Employees
Massachusetts had an increase of 20,971 marine jobs, an increase of 27% over the past decade.

23% Average Wages
On average, an employee working in Massachusetts' marine economy made $39,269 in 2019, compared to an average wage of $32,022 in 2009. The marine economy average wage in Massachusetts had an increase of 23%.

38% Gross Domestic Product
The value of Massachusetts' marine economy had an increase of 38% over the past decade. Changes in GDP can be driven by volatility of the price of resources.
The marine economy is defined as those businesses whose existence depends on the oceans or Great Lakes. The economic data found here helps leaders better understand trends and consider the needs of these businesses when making decisions about the future of the coast. Six sectors make up the marine economy: marine construction, offshore mineral extraction, tourism and recreation, living resources, ship and boat building, and marine transportation.

**The Big Picture**

**Michigan's Marine Economy in 2019**

<table>
<thead>
<tr>
<th>Businesses</th>
<th>Employees</th>
<th>Wages</th>
<th>GDP</th>
</tr>
</thead>
<tbody>
<tr>
<td>4,367</td>
<td>76,673</td>
<td>$2.0 billion</td>
<td>$3.5 billion</td>
</tr>
</tbody>
</table>

**The Details**

- **Largest Employment Sector:** Tourism and recreation employs 76% of the state’s marine economy
- **Largest GDP Sector:** Tourism and recreation produces 59% of the total gross domestic product (GDP) derived from the state’s marine economy
- **High Earners:** The average wage of marine economy employees in Michigan is $26,275, which is lower than the state average ($54,972). Marine construction has the highest average wage per employee at $78,592.
- **National Ranking:** Michigan is ranked 14 out of 30 coastal states for marine employment, and 18 out of 30 coastal states for GDP
- **Top County: Employment** Wayne County, Michigan, is home to 32% of marine jobs in Michigan
- **Top County: GDP** Wayne County, Michigan, produces 34% of the marine economy’s gross domestic product in Michigan

Michigan's Marine Economy

<table>
<thead>
<tr>
<th>Legend (1 Cell = 1%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Living Resources</td>
</tr>
<tr>
<td>Marine Construction</td>
</tr>
<tr>
<td>Marine Transportation</td>
</tr>
<tr>
<td>Offshore Mineral Resources</td>
</tr>
<tr>
<td>Ship and Boat Building</td>
</tr>
<tr>
<td>Tourism and Recreation</td>
</tr>
</tbody>
</table>

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Businesses</td>
<td>Employees</td>
<td>Wages</td>
<td>GDP</td>
</tr>
<tr>
<td>4,367</td>
<td>76,673</td>
<td>$2.0 billion</td>
<td>$3.5 billion</td>
</tr>
</tbody>
</table>

A Decade of Change (2009-2019)

- **9% Businesses**: Michigan had an increase of 360 marine businesses, which was an increase of 9% over the past decade.

- **40% Employees**: Michigan had an increase of 21,851 marine jobs, an increase of 40% over the past decade.

- **19% Average Wages**: On average, an employee working in Michigan's marine economy made $26,275 in 2019, compared to an average wage of $22,021 in 2009. The marine economy average wage in Michigan had an increase of 19%.

- **30% Gross Domestic Product**: The value of Michigan's marine economy had an increase of 30% over the past decade. Changes in GDP can be driven by volatility of the price of resources.
Minnesota's Marine Economy in 2019

- **Businesses**: 495
- **Employees**: 13,330
- **Wages**: $577 million
- **GDP**: $1.6 billion

**The Details**

- **Largest Employment Sector**: Tourism and recreation employs 56% of the state’s marine economy
- **Largest GDP Sector**: Marine transportation produces 58% of the total gross domestic product (GDP) derived from the state’s marine economy
- **High Earners**: The average wage of marine economy employees in Minnesota is $43,310, which is lower than the state average ($59,630). Marine transportation has the highest average wage per employee at $89,077.
- **National Ranking**: Minnesota is ranked 30 out of 30 coastal states for marine employment, and 28 out of 30 coastal states for GDP
- **Top County: Employment**: Saint Louis County, Minnesota, is home to 49% of marine jobs in Minnesota
- **Top County: GDP**: Saint Louis County, Minnesota, produces 31% of the marine economy’s gross domestic product in Minnesota

Minnesota's Marine Economy

LEGEND (1 CELL = 1%)
- Living Resources
- Marine Transportation
- Ship and Boat Building
- Marine Construction
- Offshore Mineral Resources
- Tourism and Recreation

A Decade of Change (2009-2019)

8% Businesses
Minnesota had an increase of 37 marine businesses, which was an increase of 8% over the past decade.

10% Employees
Minnesota had an increase of 1,258 marine jobs, an increase of 10% over the past decade.

35% Average Wages
On average, an employee working in Minnesota's marine economy made $43,310 in 2019, compared to an average wage of $32,095 in 2009. The marine economy average wage in Minnesota had an increase of 35%.

53% Gross Domestic Product
The value of Minnesota's marine economy had an increase of 53% over the past decade. Changes in GDP can be driven by volatility of the price of resources.

Office for Coastal Management
Mississippi

The marine economy is defined as those businesses whose existence depends on the oceans or Great Lakes. The economic data found here helps leaders better understand trends and consider the needs of these businesses when making decisions about the future of the coast. Six sectors make up the marine economy: marine construction, offshore mineral extraction, tourism and recreation, living resources, ship and boat building, and marine transportation.

The Big Picture

Mississippi's Marine Economy in 2019

<table>
<thead>
<tr>
<th>Business Sector</th>
<th>Count</th>
<th>Employees</th>
<th>Wages</th>
<th>GDP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Businesses</td>
<td>1,137</td>
<td>33,905</td>
<td>$1.3 billion</td>
<td>$2.4 billion</td>
</tr>
</tbody>
</table>

The Details

- **Largest Employment Sector:** Tourism and recreation employs 49% of the state’s marine economy
- **Largest GDP Sector:** Ship and boat building produces 55% of the total gross domestic product (GDP) derived from the state’s marine economy
- **High Earners:** The average wage of marine economy employees in Mississippi is $38,842, which is lower than the state average ($40,687). Ship and boat building has the highest average wage per employee at $67,141.
- **National Ranking:** Mississippi is ranked 24 out of 30 coastal states for marine employment, and 24 out of 30 coastal states for GDP
- **Top County: Employment** Jackson County, Mississippi, is home to 47% of marine jobs in Mississippi
- **Top County: GDP** Jackson County, Mississippi, produces 61% of the marine economy’s gross domestic product in Mississippi

Mississippi's Marine Economy

LEGEND (1 CELL = 1%)

- Living Resources
- Marine Transportation
- Ship and Boat Building
- Marine Construction
- Offshore Mineral Resources
- Tourism and Recreation

A Decade of Change (2009-2019)

Businesses
Mississippi had an increase of 113 marine businesses, which was an increase of 11% over the past decade.

Employees
Mississippi had an increase of 921 marine jobs, an increase of 3% over the past decade.

Average Wages
On average, an employee working in Mississippi's marine economy made $38,842 in 2019, compared to an average wage of $37,192 in 2009. The marine economy average wage in Mississippi had an increase of 4%.

Gross Domestic Product
The value of Mississippi's marine economy had an increase of 11% over the past decade. Changes in GDP can be driven by volatility of the price of resources.
2022 Marine Economy Report

New Hampshire

The marine economy is defined as those businesses whose existence depends on the oceans or Great Lakes. The economic data found here helps leaders better understand trends and consider the needs of these businesses when making decisions about the future of the coast. Six sectors make up the marine economy: marine construction, offshore mineral extraction, tourism and recreation, living resources, ship and boat building, and marine transportation.

The Big Picture

New Hampshire's Marine Economy in 2019

<table>
<thead>
<tr>
<th>Businesses</th>
<th>Employees</th>
<th>Wages</th>
<th>GDP</th>
</tr>
</thead>
<tbody>
<tr>
<td>619</td>
<td>17,486</td>
<td>$1.1 billion</td>
<td>$2.1 billion</td>
</tr>
</tbody>
</table>

The Details

Largest Employment Sector: Marine transportation employs 51% of the state’s marine economy

Largest GDP Sector: Marine transportation produces 73% of the total gross domestic product (GDP) derived from the state’s marine economy

High Earners: The average wage of marine economy employees in New Hampshire is $65,522, which is higher than the state average ($58,671). Marine transportation has the highest average wage per employee at $104,958.

National Ranking: New Hampshire is ranked 28 out of 30 coastal states for marine employment, and 26 out of 30 coastal states for GDP

Top County: Employment Rockingham County, New Hampshire, is home to 58% of marine jobs in New Hampshire

Top County: GDP Rockingham County, New Hampshire, produces 34% of the marine economy’s gross domestic product in New Hampshire

New Hampshire's Marine Economy

LEGEND (1 CELL = 1%)

- Living Resources
- Marine Transportation
- Ship and Boat Building
- Marine Construction
- Offshore Mineral Resources
- Tourism and Recreation

A Decade of Change (2009-2019)

16% Businesses
New Hampshire had an increase of 87 marine businesses, which was an increase of 16% over the past decade.

136% Employees
New Hampshire had an increase of 10,067 marine jobs, an increase of 136% over the past decade.

210% Average Wages
On average, an employee working in New Hampshire's marine economy made $65,522 in 2019, compared to an average wage of $21,138 in 2009. The marine economy average wage in New Hampshire had an increase of 210%.

570% Gross Domestic Product
The value of New Hampshire's marine economy had an increase of 570% over the past decade. Changes in GDP can be driven by volatility of the price of resources.
2022 Marine Economy Report

New Jersey

The marine economy is defined as those businesses whose existence depends on the oceans or Great Lakes. The economic data found here helps leaders better understand trends and consider the needs of these businesses when making decisions about the future of the coast. Six sectors make up the marine economy: marine construction, offshore mineral extraction, tourism and recreation, living resources, ship and boat building, and marine transportation.

The Big Picture

New Jersey's Marine Economy in 2019

<table>
<thead>
<tr>
<th>Businesses</th>
<th>Employees</th>
<th>Wages</th>
<th>GDP</th>
</tr>
</thead>
<tbody>
<tr>
<td>9,349</td>
<td>169,656</td>
<td>$6.7 billion</td>
<td>$11.9 billion</td>
</tr>
</tbody>
</table>

The Details

Largest Employment Sector: Tourism and recreation employs 58% of the state’s marine economy

Largest GDP Sector: Marine transportation produces 52% of the total gross domestic product (GDP) derived from the state’s marine economy

High Earners: The average wage of marine economy employees in New Jersey is $39,428, which is lower than the state average ($67,364). Marine construction has the highest average wage per employee at $94,459.

National Ranking: New Jersey is ranked 5 out of 30 coastal states for marine employment, and 7 out of 30 coastal states for GDP

Top County: Employment Hudson County, New Jersey, is home to 13% of marine jobs in New Jersey

Top County: GDP Burlington County, New Jersey, produces 13% of the marine economy’s gross domestic product in New Jersey

New Jersey's Marine Economy

A Decade of Change (2009-2019)

12% Businesses
New Jersey had an increase of 993 marine businesses, which was an increase of 12% over the past decade.

41% Employees
New Jersey had an increase of 49,092 marine jobs, an increase of 41% over the past decade.

15% Average Wages
On average, an employee working in New Jersey's marine economy made $39,428 in 2019, compared to an average wage of $34,391 in 2009. The marine economy average wage in New Jersey had an increase of 15%.

33% Gross Domestic Product
The value of New Jersey's marine economy had an increase of 33% over the past decade. Changes in GDP can be driven by volatility of the price of resources.
New York

The marine economy is defined as those businesses whose existence depends on the oceans or Great Lakes. The economic data found here helps leaders better understand trends and consider the needs of these businesses when making decisions about the future of the coast. Six sectors make up the marine economy: marine construction, offshore mineral extraction, tourism and recreation, living resources, ship and boat building, and marine transportation.

The Big Picture

New York's Marine Economy in 2019

<table>
<thead>
<tr>
<th>Businesses</th>
<th>Employees</th>
<th>Wages</th>
<th>GDP</th>
</tr>
</thead>
<tbody>
<tr>
<td>24,020</td>
<td>398,515</td>
<td>$16.1 billion</td>
<td>$35.1 billion</td>
</tr>
</tbody>
</table>

The Details

| Largest Employment Sector: | Tourism and recreation employs 91% of the state’s marine economy |
| Largest GDP Sector:       | Tourism and recreation produces 87% of the total gross domestic product (GDP) derived from the state’s marine economy |
| High Earners:             | The average wage of marine economy employees in New York is $40,427, which is lower than the state average ($75,365). Marine construction has the highest average wage per employee at $103,054. |
| National Ranking:         | New York is ranked 3 out of 30 coastal states for marine employment, and 4 out of 30 coastal states for GDP |
| Top County: Employment    | New York County, New York, is home to 55% of marine jobs in New York |
| Top County: GDP           | New York County, New York, produces 67% of the marine economy’s gross domestic product in New York |

New York's Marine Economy

Legend (1 cell = 1%)
- Living Resources
- Marine Transportation
- Ship and Boat Building
- Marine Construction
- Offshore Mineral Resources
- Tourism and Recreation

A Decade of Change (2009-2019)

37% Businesses
New York had an increase of 6,518 marine businesses, which was an increase of 37% over the past decade.

48% Employees
New York had an increase of 128,469 marine jobs, an increase of 48% over the past decade.

26% Average Wages
On average, an employee working in New York's marine economy made $40,427 in 2019, compared to an average wage of $31,978 in 2009. The marine economy average wage in New York had an increase of 26%.

48% Gross Domestic Product
The value of New York's marine economy had an increase of 48% over the past decade. Changes in GDP can be driven by volatility of the price of resources.

Office for Coastal Management
North Carolina

The marine economy is defined as those businesses whose existence depends on the oceans or Great Lakes. The economic data found here helps leaders better understand trends and consider the needs of these businesses when making decisions about the future of the coast. Six sectors make up the marine economy: marine construction, offshore mineral extraction, tourism and recreation, living resources, ship and boat building, and marine transportation.

The Big Picture

North Carolina's Marine Economy in 2019

<table>
<thead>
<tr>
<th>Businesses</th>
<th>Employees</th>
<th>Wages</th>
<th>GDP</th>
</tr>
</thead>
<tbody>
<tr>
<td>3,291</td>
<td>51,198</td>
<td>$1.1 billion</td>
<td>$3.3 billion</td>
</tr>
</tbody>
</table>

The Details

Largest Employment Sector: Tourism and recreation employs 86% of the state’s marine economy

Largest GDP Sector: Tourism and recreation produces 54% of the total gross domestic product (GDP) derived from the state’s marine economy

High Earners: The average wage of marine economy employees in North Carolina is $21,897, which is lower than the state average ($52,379). Marine construction has the highest average wage per employee at $53,075.

National Ranking: North Carolina is ranked 19 out of 30 coastal states for marine employment, and 20 out of 30 coastal states for GDP

Top County: Employment New Hanover County, North Carolina, is home to 28% of marine jobs in North Carolina

Top County: GDP New Hanover County, North Carolina, produces 18% of the marine economy’s gross domestic product in North Carolina

North Carolina's Marine Economy

- **Businesses**: 3,291
- **Employees**: 51,198
- **Wages**: $1.1 billion
- **GDP**: $3.3 billion

**Legend (1 Cell = 1%)**
- Living Resources
- Marine Transportation
- Ship and Boat Building
- Marine Construction
- Offshore Mineral Resources
- Tourism and Recreation

### A Decade of Change (2009-2019)

- **41%**
  - **Businesses**: North Carolina had an increase of 952 marine businesses, which was an increase of 41% over the past decade.

- **38%**
  - **Employees**: North Carolina had an increase of 14,051 marine jobs, an increase of 38% over the past decade.

- **15%**
  - **Average Wages**: On average, an employee working in North Carolina’s marine economy made $21,897 in 2019, compared to an average wage of $18,995 in 2009. The marine economy average wage in North Carolina had an increase of 15%.

- **60%**
  - **Gross Domestic Product**: The value of North Carolina’s marine economy had an increase of 60% over the past decade. Changes in GDP can be driven by volatility of the price of resources.

Office for Coastal Management
2022 Marine Economy Report

Ohio

The marine economy is defined as those businesses whose existence depends on the oceans or Great Lakes. The economic data found here helps leaders better understand trends and consider the needs of these businesses when making decisions about the future of the coast. Six sectors make up the marine economy: marine construction, offshore mineral extraction, tourism and recreation, living resources, ship and boat building, and marine transportation.

The Big Picture
Ohio's Marine Economy in 2019

<table>
<thead>
<tr>
<th>Businesses</th>
<th>Employees</th>
<th>Wages</th>
<th>GDP</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,755</td>
<td>57,728</td>
<td>$1.6 billion</td>
<td>$3.5 billion</td>
</tr>
</tbody>
</table>

The Details

Largest Employment Sector: Tourism and recreation employs 75% of the state’s marine economy

Largest GDP Sector: Tourism and recreation produces 52% of the total gross domestic product (GDP) derived from the state’s marine economy

High Earners: The average wage of marine economy employees in Ohio is $28,024, which is lower than the state average ($52,125). Offshore mineral resources has the highest average wage per employee at $66,670.

National Ranking: Ohio is ranked 16 out of 30 coastal states for marine employment, and 17 out of 30 coastal states for GDP

Top County: Employment Cuyahoga County, Ohio, is home to 39% of marine jobs in Ohio

Top County: GDP Cuyahoga County, Ohio, produces 49% of the marine economy’s gross domestic product in Ohio


Office for Coastal Management
Ohio's Marine Economy

A Decade of Change (2009-2019)

32% Businesses
Ohio had an increase of 668 marine businesses, which was an increase of 32% over the past decade.

42% Employees
Ohio had an increase of 17,141 marine jobs, an increase of 42% over the past decade.

31% Average Wages
On average, an employee working in Ohio’s marine economy made $28,024 in 2019, compared to an average wage of $21,389 in 2009. The marine economy average wage in Ohio had an increase of 31%.

104% Gross Domestic Product
The value of Ohio's marine economy had an increase of 104% over the past decade. Changes in GDP can be driven by volatility of the price of resources.
2022 Marine Economy Report

Oregon

The marine economy is defined as those businesses whose existence depends on the oceans or Great Lakes. The economic data found here helps leaders better understand trends and consider the needs of these businesses when making decisions about the future of the coast. Six sectors make up the marine economy: marine construction, offshore mineral extraction, tourism and recreation, living resources, ship and boat building, and marine transportation.

The Big Picture

Oregon's Marine Economy in 2019

<table>
<thead>
<tr>
<th>Businesses</th>
<th>Employees</th>
<th>Wages</th>
<th>GDP</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,469</td>
<td>43,175</td>
<td>$1.6 billion</td>
<td>$3.1 billion</td>
</tr>
</tbody>
</table>

The Details

<table>
<thead>
<tr>
<th>Largest Employment Sector:</th>
<th>Tourism and recreation employs 65% of the state’s marine economy</th>
</tr>
</thead>
<tbody>
<tr>
<td>Largest GDP Sector:</td>
<td>Tourism and recreation produces 46% of the total gross domestic product (GDP) derived from the state’s marine economy</td>
</tr>
<tr>
<td>High Earners:</td>
<td>The average wage of marine economy employees in Oregon is $36,356, which is lower than the state average ($55,023). Ship and boat building has the highest average wage per employee at $78,803.</td>
</tr>
<tr>
<td>National Ranking:</td>
<td>Oregon is ranked 23 out of 30 coastal states for marine employment, and 22 out of 30 coastal states for GDP</td>
</tr>
<tr>
<td>Top County: Employment</td>
<td>Multnomah County, Oregon, is home to 48% of marine jobs in Oregon</td>
</tr>
<tr>
<td>Top County: GDP</td>
<td>Multnomah County, Oregon, produces 43% of the marine economy’s gross domestic product in Oregon</td>
</tr>
</tbody>
</table>

Oregon's Marine Economy

- **Businesses**: 2,469
- **Employees**: 43,175
- **Wages**: $1.6 billion
- **GDP**: $3.1 billion

**LEGEND (1 CELL = 1%)**
- Living Resources
- Marine Transportation
- Ship and Boat Building
- Marine Construction
- Offshore Mineral Resources
- Tourism and Recreation

**A Decade of Change (2009-2019)**

- **Businesses**: 9%
  - Oregon had an increase of 201 marine businesses, which was an increase of 9% over the past decade.

- **Employees**: 39%
  - Oregon had an increase of 12,107 marine jobs, an increase of 39% over the past decade.

- **Average Wages**: 32%
  - On average, an employee working in Oregon's marine economy made $36,356 in 2019, compared to an average wage of $27,550 in 2009. The marine economy average wage in Oregon had an increase of 32%.

- **Gross Domestic Product**: 49%
  - The value of Oregon's marine economy had an increase of 49% over the past decade. Changes in GDP can be driven by volatility of the price of resources.

Office for Coastal Management
The marine economy is defined as those businesses whose existence depends on the oceans or Great Lakes. The economic data found here helps leaders better understand trends and consider the needs of these businesses when making decisions about the future of the coast. Six sectors make up the marine economy: marine construction, offshore mineral extraction, tourism and recreation, living resources, ship and boat building, and marine transportation.

**The Big Picture**

**Pennsylvania's Marine Economy in 2019**

<p>| | | | | |</p>
<table>
<thead>
<tr>
<th></th>
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<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Businesses</td>
<td>2,955</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Employees</td>
<td>56,872</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Wages</td>
<td>$1.9 billion</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GDP</td>
<td>$3.9 billion</td>
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</tr>
</tbody>
</table>

**The Details**

- **Largest Employment Sector:** Tourism and recreation employs 78% of the state’s marine economy
- **Largest GDP Sector:** Tourism and recreation produces 66% of the total gross domestic product (GDP) derived from the state’s marine economy
- **High Earners:** The average wage of marine economy employees in Pennsylvania is $33,263, which is lower than the state average ($57,497). Offshore mineral resources has the highest average wage per employee at $76,276.
- **National Ranking:** Pennsylvania is ranked 17 out of 30 coastal states for marine employment, and 16 out of 30 coastal states for GDP
- **Top County: Employment** Philadelphia County, Pennsylvania, is home to 79% of marine jobs in Pennsylvania
- **Top County: GDP** Philadelphia County, Pennsylvania, produces 72% of the marine economy’s gross domestic product in Pennsylvania

Pennsylvania's Marine Economy

A Decade of Change (2009-2019)

- **35%**
  - **Businesses**
  - Pennsylvania had an increase of 759 marine businesses, which was an increase of 35% over the past decade.

- **40%**
  - **Employees**
  - Pennsylvania had an increase of 16,258 marine jobs, an increase of 40% over the past decade.

- **17%**
  - **Average Wages**
  - On average, an employee working in Pennsylvania’s marine economy made $33,263 in 2019, compared to an average wage of $28,507 in 2009. The marine economy average wage in Pennsylvania had an increase of 17%.

- **33%**
  - **Gross Domestic Product**
  - The value of Pennsylvania’s marine economy had an increase of 33% over the past decade. Changes in GDP can be driven by volatility of the price of resources.
2022 Marine Economy Report

Rhode Island

The marine economy is defined as those businesses whose existence depends on the oceans or Great Lakes. The economic data found here helps leaders better understand trends and consider the needs of these businesses when making decisions about the future of the coast. Six sectors make up the marine economy: marine construction, offshore mineral extraction, tourism and recreation, living resources, ship and boat building, and marine transportation.

The Big Picture
Rhode Island's Marine Economy in 2019

<p>| | | | | |</p>
<table>
<thead>
<tr>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>Businesses</td>
<td>2,452</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Employees</td>
<td>45,898</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wages</td>
<td>$1.5 billion</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GDP</td>
<td>$3.3 billion</td>
<td></td>
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</tr>
</tbody>
</table>

The Details

Largest Employment Sector: Tourism and recreation employs 81% of the state’s marine economy

Largest GDP Sector: Tourism and recreation produces 59% of the total gross domestic product (GDP) derived from the state’s marine economy

High Earners: The average wage of marine economy employees in Rhode Island is $31,806, which is lower than the state average ($54,918). Marine construction has the highest average wage per employee at $79,112.

National Ranking: Rhode Island is ranked 22 out of 30 coastal states for marine employment, and 21 out of 30 coastal states for GDP

Top County: Employment Providence County, Rhode Island, is home to 36% of marine jobs in Rhode Island

Top County: GDP Washington County, Rhode Island, produces 36% of the marine economy’s gross domestic product in Rhode Island


Office for Coastal Management
Rhode Island's Marine Economy

A Decade of Change (2009-2019)

**6%**
**Businesses**
Rhode Island had an increase of 145 marine businesses, which was an increase of 6% over the past decade.

**22%**
**Employees**
Rhode Island had an increase of 8,313 marine jobs, an increase of 22% over the past decade.

**31%**
**Average Wages**
On average, an employee working in Rhode Island’s marine economy made $31,806 in 2019, compared to an average wage of $24,338 in 2009. The marine economy average wage in Rhode Island had an increase of 31%.

**41%**
**Gross Domestic Product**
The value of Rhode Island’s marine economy had an increase of 41% over the past decade. Changes in GDP can be driven by volatility of the price of resources.
South Carolina

The marine economy is defined as those businesses whose existence depends on the oceans or Great Lakes. The economic data found here helps leaders better understand trends and consider the needs of these businesses when making decisions about the future of the coast. Six sectors make up the marine economy: marine construction, offshore mineral extraction, tourism and recreation, living resources, ship and boat building, and marine transportation.

The Big Picture
South Carolina's Marine Economy in 2019

<table>
<thead>
<tr>
<th>Businesses</th>
<th>Employees</th>
<th>Wages</th>
<th>GDP</th>
</tr>
</thead>
<tbody>
<tr>
<td>3,732</td>
<td>87,051</td>
<td>$2.3 billion</td>
<td>$5.7 billion</td>
</tr>
</tbody>
</table>

The Details

Largest Employment Sector: Tourism and recreation employs 88% of the state’s marine economy

Largest GDP Sector: Tourism and recreation produces 82% of the total gross domestic product (GDP) derived from the state’s marine economy

High Earners: The average wage of marine economy employees in South Carolina is $26,086, which is lower than the state average ($46,383). Marine construction has the highest average wage per employee at $69,519.

National Ranking: South Carolina is ranked 12 out of 30 coastal states for marine employment, and 14 out of 30 coastal states for GDP

Top County: Employment Charleston County, South Carolina, is home to 41% of marine jobs in South Carolina

Top County: GDP Charleston County, South Carolina, produces 43% of the marine economy’s gross domestic product in South Carolina

South Carolina's Marine Economy

3,732 Businesses
87,051 Employees
$2.3 billion Wages
$5.7 billion GDP

A Decade of Change (2009-2019)

28% Businesses
South Carolina had an increase of 819 marine businesses, which was an increase of 28% over the past decade.

40% Employees
South Carolina had an increase of 24,940 marine jobs, an increase of 40% over the past decade.

35% Average Wages
On average, an employee working in South Carolina’s marine economy made $26,086 in 2019, compared to an average wage of $19,382 in 2009. The marine economy average wage in South Carolina had an increase of 35%.

58% Gross Domestic Product
The value of South Carolina’s marine economy had an increase of 58% over the past decade. Changes in GDP can be driven by volatility of the price of resources.

Office for Coastal Management
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The Big Picture

Texas' Marine Economy in 2019

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<thead>
<tr>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>Businesses</td>
<td>6,063</td>
<td>Employees</td>
<td>177,889</td>
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<tr>
<td>Wages</td>
<td>$18.6 billion</td>
<td>GDP</td>
<td>$81.3 billion</td>
<td></td>
</tr>
</tbody>
</table>

The Details

Largest Employment Sector: Offshore mineral resources employs 44% of the state’s marine economy

Largest GDP Sector: Offshore mineral resources produces 90% of the total gross domestic product (GDP) derived from the state’s marine economy

High Earners: The average wage of marine economy employees in Texas is $104,738, which is higher than the state average ($59,794). Offshore mineral resources has the highest average wage per employee at $183,717.

National Ranking: Texas is ranked 4 out of 30 coastal states for marine employment, and 1 out of 30 coastal states for GDP

Top County: Employment Harris County, Texas, is home to 59% of marine jobs in Texas

Top County: GDP Harris County, Texas, produces 89% of the marine economy’s gross domestic product in Texas

Texas' Marine Economy

A Decade of Change (2009-2019)

- **10%**
  - Businesses
    - Texas had an increase of 574 marine businesses, which was an increase of 10% over the past decade.

- **-1%**
  - Employees
    - Texas had a decrease of 897 marine jobs, a decrease of 1% over the past decade.

- **11%**
  - Average Wages
    - On average, an employee working in Texas' marine economy made $104,738 in 2019, compared to an average wage of $94,125 in 2009. The marine economy average wage in Texas had an increase of 11%.

- **55%**
  - Gross Domestic Product
    - The value of Texas' marine economy had an increase of 55% over the past decade. Changes in GDP can be driven by volatility of the price of resources.
The marine economy is defined as those businesses whose existence depends on the oceans or Great Lakes. The economic data found here helps leaders better understand trends and consider the needs of these businesses when making decisions about the future of the coast. Six sectors make up the marine economy: marine construction, offshore mineral extraction, tourism and recreation, living resources, ship and boat building, and marine transportation.

**The Big Picture**

**Virginia's Marine Economy in 2019**

<table>
<thead>
<tr>
<th>Businesses</th>
<th>Employees</th>
<th>Wages</th>
<th>GDP</th>
</tr>
</thead>
<tbody>
<tr>
<td>4,143</td>
<td>132,101</td>
<td>$6.1 billion</td>
<td>$10.3 billion</td>
</tr>
</tbody>
</table>

**The Details**

- **Largest Employment Sector:** Tourism and recreation employs 49% of the state’s marine economy
- **Largest GDP Sector:** Ship and boat building produces 41% of the total gross domestic product (GDP) derived from the state’s marine economy
- **High Earners:** The average wage of marine economy employees in Virginia is $46,179, which is lower than the state average ($60,200). Marine construction has the highest average wage per employee at $78,029.
- **National Ranking:** Virginia is ranked 7 out of 30 coastal states for marine employment, and 9 out of 30 coastal states for GDP
- **Top County: Employment** City of Virginia Beach, Virginia, is home to 18% of marine jobs in Virginia
- **Top County: GDP** City of Norfolk, Virginia, produces 15% of the marine economy’s gross domestic product in Virginia

Virginia's Marine Economy

![Image of a grid with different colors representing different economic sectors.]

- **Businesses**: 4,143
- **Employees**: 132,101
- **Wages**: $6.1 billion
- **GDP**: $10.3 billion

**LEGEND (1 CELL = 1%)**
- Living Resources
- Marine Transportation
- Ship and Boat Building
- Offshore Mineral Resources
- Tourism and Recreation

**A Decade of Change (2009-2019)**

**Businesses**
Virginia had a decrease of 228 marine businesses, which was a decrease of 5% over the past decade.

**Employees**
Virginia had an increase of 15,395 marine jobs, an increase of 13% over the past decade.

**Average Wages**
On average, an employee working in Virginia's marine economy made $46,179 in 2019, compared to an average wage of $36,165 in 2009. The marine economy average wage in Virginia had an increase of 28%.

**Gross Domestic Product**
The value of Virginia's marine economy had an increase of 13% over the past decade. Changes in GDP can be driven by volatility of the price of resources.

Office for Coastal Management
The marine economy is defined as those businesses whose existence depends on the oceans or Great Lakes. The economic data found here helps leaders better understand trends and consider the needs of these businesses when making decisions about the future of the coast. Six sectors make up the marine economy: marine construction, offshore mineral extraction, tourism and recreation, living resources, ship and boat building, and marine transportation.

The Big Picture
Washington State's Marine Economy in 2019

<table>
<thead>
<tr>
<th>Businesses</th>
<th>Employees</th>
<th>Wages</th>
<th>GDP</th>
</tr>
</thead>
<tbody>
<tr>
<td>6,834</td>
<td>143,029</td>
<td>$6.8 billion</td>
<td>$15.7 billion</td>
</tr>
</tbody>
</table>

The Details

**Largest Employment Sector:** Tourism and recreation employs 60% of the state’s marine economy

**Largest GDP Sector:** Tourism and recreation produces 39% of the total gross domestic product (GDP) derived from the state’s marine economy

**High Earners:** The average wage of marine economy employees in Washington State is $47,761, which is lower than the state average ($69,593). Marine construction has the highest average wage per employee at $101,592.

**National Ranking:** Washington State is ranked 6 out of 30 coastal states for marine employment, and 5 out of 30 coastal states for GDP

**Top County: Employment** King County, Washington, is home to 39% of marine jobs in Washington State

**Top County: GDP** King County, Washington, produces 42% of the marine economy’s gross domestic product in Washington State

WASHINGTON STATE'S MARINE ECONOMY

A Decade of Change (2009-2019)

8% Businesses
Washington State had an increase of 509 marine businesses, which was an increase of 8% over the past decade.

25% Employees
Washington State had an increase of 28,742 marine jobs, an increase of 25% over the past decade.

28% Average Wages
On average, an employee working in Washington State's marine economy made $47,761 in 2019, compared to an average wage of $37,205 in 2009. The marine economy average wage in Washington State had an increase of 28%.

27% Gross Domestic Product
The value of Washington State's marine economy had an increase of 27% over the past decade. Changes in GDP can be driven by volatility of the price of resources.

Office for Coastal Management
**2022 Marine Economy Report**

**Wisconsin**

The marine economy is defined as those businesses whose existence depends on the oceans or Great Lakes. The economic data found here helps leaders better understand trends and consider the needs of these businesses when making decisions about the future of the coast. Six sectors make up the marine economy: marine construction, offshore mineral extraction, tourism and recreation, living resources, ship and boat building, and marine transportation.

**The Big Picture**

**Wisconsin's Marine Economy in 2019**

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</thead>
<tbody>
<tr>
<td>Businesses</td>
<td>2,269</td>
<td>Employees</td>
<td>48,877</td>
</tr>
<tr>
<td>Wages</td>
<td>$1.2 billion</td>
<td>GDP</td>
<td>$2.7 billion</td>
</tr>
</tbody>
</table>

**The Details**

- **Largest Employment Sector:** Tourism and recreation employs 74% of the state’s marine economy
- **Largest GDP Sector:** Tourism and recreation produces 51% of the total gross domestic product (GDP) derived from the state’s marine economy
- **High Earners:** The average wage of marine economy employees in Wisconsin is $24,346, which is lower than the state average ($50,413). Marine construction has the highest average wage per employee at $81,111.
- **National Ranking:** Wisconsin is ranked 20 out of 30 coastal states for marine employment, and 23 out of 30 coastal states for GDP
- **Top County: Employment** Milwaukee County, Wisconsin, is home to 33% of marine jobs in Wisconsin
- **Top County: GDP** Milwaukee County, Wisconsin, produces 27% of the marine economy’s gross domestic product in Wisconsin


Office for Coastal Management
Wisconsin's Marine Economy

<table>
<thead>
<tr>
<th>Businesses</th>
<th>Employees</th>
<th>Wages</th>
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<tbody>
<tr>
<td>2,269</td>
<td>48,877</td>
<td>$1.2 billion</td>
<td>$2.7 billion</td>
</tr>
</tbody>
</table>

LEGEND (1 CELL = 1%)
- Living Resources
- Marine Transportation
- Ship and Boat Building
- Marine Construction
- Offshore Mineral Resources
- Tourism and Recreation

A Decade of Change (2009-2019)

- **16%**
  - **Businesses**
  Wisconsin had an increase of 312 marine businesses, which was an increase of 16% over the past decade.

- **25%**
  - **Employees**
  Wisconsin had an increase of 9,708 marine jobs, an increase of 25% over the past decade.

- **5%**
  - **Average Wages**
  On average, an employee working in Wisconsin's marine economy made $24,346 in 2019, compared to an average wage of $23,119 in 2009. The marine economy average wage in Wisconsin had an increase of 5%.

- **27%**
  - **Gross Domestic Product**
  The value of Wisconsin's marine economy had an increase of 27% over the past decade. Changes in GDP can be driven by volatility of the price of resources.