

L a b o r M a r k e t I n d u s t r y P r o f i l e

Broward County **Marine** **Industry**



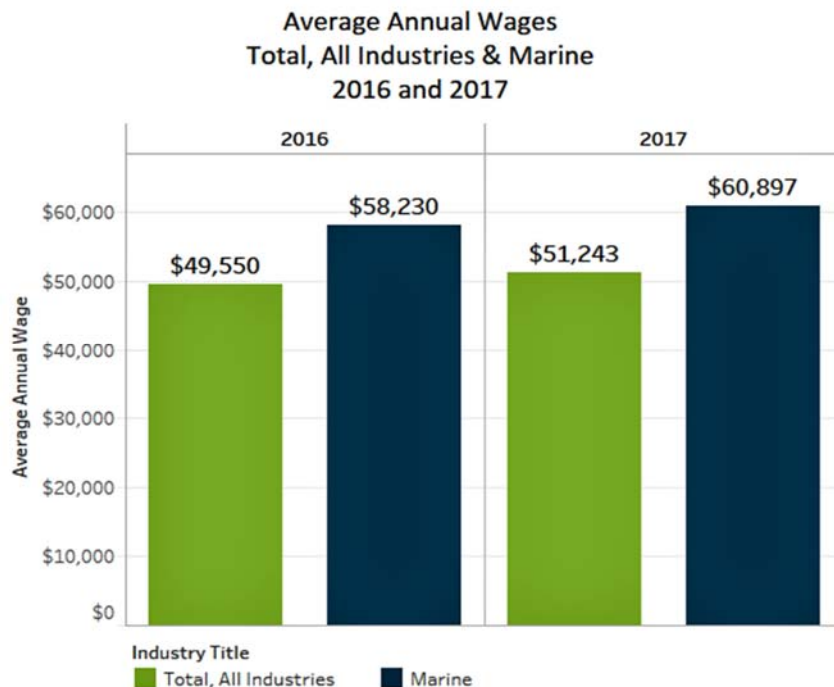
2019 Edition



Broward County Marine Industry Cluster

The Marine Industry cluster includes the following 18 detailed industries: search, detection, and navigation instruments; ship building and repairing; boat building; other transportation goods merchant wholesalers; sporting goods merchant wholesalers; boat dealers; deep sea freight transportation; deep sea passenger transportation; coastal and Great Lakes freight transport; coastal and Great Lakes passenger transportation; inland water freight transportation; inland water passenger transportation; scenic and sightseeing transportation, water; port and harbor operations; marine cargo handling; navigational services to shipping; other support activities for water transportation; and marinas.

- The Broward County Marine Industry cluster had 2,992 establishments and employment of 8,867 in December 2017. Employment was up +533 jobs (+6.4 percent) over the year.
- Broward County’s largest industries in the Marine Industry cluster in December 2017 were other transportation goods merchant wholesalers (1,904 jobs); boat dealers (1,547 jobs); and marinas (899 jobs). These three industries account for 49.1 percent of Marine Industry cluster employment in the county.
- Within the Marine Industry cluster, coastal and Great Lakes freight transport (+299 jobs, +134.7 percent) gained the most over the year jobs in December 2017.



Source: Florida Department of Economic Opportunity, Bureau of Workforce Statistics & Economic Research, Quarterly Census of Employment and Wages Program (QCEW).

Broward County Marine Industry Cluster

- The 2017 average annual wage for workers in the Marine Industry cluster was \$60,897, exceeding the Broward County total average annual wage for all industries (\$51,243) by 18.8 percent. This gap has narrowed since 2016, when the Marine Industry cluster average annual wage was 17.5 percent higher than the average annual for all industries.
- The marine cluster’s average annual wage increased more than the average annual wage for all industries over the year and it grew at a faster rate. The average annual wage increased by \$2,667 (+4.6 percent), while for all industries it grew by \$1,693 (+3.4 percent).
- Coastal/Great Lakes freight transport had the highest 2017 average annual wage of all marine industries (confidential). Inland water passenger transportation had the lowest average annual wage of all marine industries in 2017 (\$23,126). Thirteen marine industries had average annual wages that exceeded the wage for all industries in Broward County (\$51,243). Nine marine industries had annual wages greater than \$60,000 and fourteen had average annual wages in excess of \$50,000. Compared to the average annual wage for all industries in 2017, many marine industries had relatively high average annual wages.

All Education and Training Levels

Top Occupations in the Marine Industry Cluster For All Training Levels*							
Broward County							
Occupation Title	Employment		2018-2026 Change		% of Industry Total	2018 Median Hourly Wage	Training Requirement
	2018	2026	Total	Percent			
Total, All Marine Occupations	22,222	23,168	946	4.26			
Sales Representatives, Wholesale and Manufacturing, Non-technical	1,926	2,129	203	10.54	8.67	22.84	High school diploma or equivalent
Retail Salespersons	924	947	23	2.49	4.16	11.05	No formal educational credential
Laborers and Freight, Stock, and Material Movers, Hand	890	914	24	2.70	4.01	12.60	No formal educational credential
Fitness Trainers and Aerobics Instructors	858	884	26	3.03	3.86	20.60	High school diploma or equivalent
Stock Clerks and Order Fillers	801	883	82	10.24	3.60	12.26	High school diploma or equivalent
Amusement and Recreation Attendants	739	765	26	3.52	3.33	10.25	No formal educational credential
Landscaping and Groundskeeping Workers	532	554	22	4.14	2.39	13.36	No formal educational credential
Customer Service Representatives	485	520	35	7.22	2.18	16.13	High school diploma or equivalent
Motorboat Mechanics and Service Technicians	478	483	5	1.05	2.15	21.98	High school diploma or equivalent
Team Assemblers	444	387	-57	-12.84	2.00	14.25	High school diploma or equivalent
Shipping, Receiving, and Traffic Clerks	417	438	21	5.04	1.88	15.24	High school diploma or equivalent
Waiters and Waitresses	382	397	15	3.93	1.72	9.31	No formal educational credential
General and Operations Managers	373	394	21	5.63	1.68	48.13	Bachelor's Degree
Heavy and Tractor-Trailer Truck Drivers	255	282	27	10.59	1.15	18.88	Postsecondary non-degree award
Inspectors, Testers, Sorters, Samplers, and Weighers	238	250	12	5.04	1.07	19.08	High school diploma or equivalent

Source: Florida Department of Economic Opportunity, Bureau of Workforce Statistics & Economic Research, Long Term Projections Program, Forecast to 2026. Forecasts to the year 2026 assume continued economic recovery.

*The top 15 tables reflect the occupations synonymous with the particular industry and best represent the required set of skills. Though still counted in the total employment of the Marine Industry, the occupations not included above were: Receptionists and Information Clerks (2018-619 jobs), Office Clerks, General (2018-579 jobs), Sales Representatives, Services, All Other (2018-482 jobs), Secretaries and Administrative Assistants, Except Legal, Medical and Executive (2018-375 jobs), Bookkeeping, Accounting and Auditing Clerks (2018-343 jobs), First-Line Supervisors of Office and Administrative Support Workers (2018-342 jobs), Cashiers (2018-309 jobs), and Janitors and Cleaners, Except Maids and Housekeeping Cleaners (2018-269 jobs).

**Broward County
Marine Industry Cluster**

- The 15 largest marine occupations represent 43.8 percent of the jobs in the Marine Industry cluster.
- The largest occupation in the marine cluster in 2018 is sales representatives, wholesale and manufacturing, non-technical, which has an average wage of \$22.84 per hour.
- Average hourly wages among the 15 largest marine occupations range from a high of \$48.13 for general and operations managers to a low of \$9.31 for waiters and waitresses.
- Four of the 15 largest occupations have an average wage greater than \$20.00 per hour.
- Fourteen of the 15 largest occupations are projected to increase in employment through 2026.
- Sales representatives, wholesale and manufacturing, non-technical are projected to gain the most jobs (+203 jobs), while heavy and tractor-trailer truck drivers are projected to grow the fastest (+10.59 percent) of the top 15 marine-specific occupations from 2018 to 2026. Team assemblers (-57 jobs, -12.84 percent) is the lone occupation projected to lose jobs from 2018 to 2026.
- Higher wages are found in occupations with greater training requirements. Five of the 15 largest marine occupations do not require any formal education.

**Broward County
Marine Industry Cluster**

Bachelor's Degree or Higher

Top Occupations in the Marine Industry Cluster That Require a Bachelor's Degree or Higher**							
Broward County							
Occupation Title	Employment		2018-2026 Change		% of Industry Total	2018 Median Hourly Wage	Training Requirement
	2018	2026	Total	Percent			
Total, All Marine Occupations	22,222	23,168	946	4.26			
General and Operations Managers	373	394	21	5.63	1.68	48.13	Bachelor's Degree
Sales Representatives, Wholesale and Manufacturing, Technical and S	233	260	27	11.59	1.05	30.05	Bachelor's Degree
Purchasing Agents, Except Wholesale, Retail, and Farm Products	227	229	2	0.88	1.02	27.87	Bachelor's Degree
Accountants and Auditors	183	195	12	6.56	0.82	29.95	Bachelor's Degree
Logisticians	138	154	16	11.59	0.62	25.25	Bachelor's Degree
Market Research Analysts and Marketing Specialists	132	157	25	18.94	0.59	31.22	Bachelor's Degree
Wholesale and Retail Buyers, Except Farm Products	119	120	1	0.84	0.54	27.87	Bachelor's Degree
Human Resources Specialists	57	60	3	5.26	0.26	27.29	Bachelor's Degree
Graphic Designers	53	57	4	7.55	0.24	23.19	Bachelor's Degree
Mechanical Engineers	52	58	6	11.54	0.23	36.67	Bachelor's Degree
Electrical Engineers	51	53	2	3.92	0.23	36.85	Bachelor's Degree
Sales Managers	45	54	9	20.00	0.20	56.41	Bachelor's Degree
Software Developers, Applications	43	50	7	16.28	0.19	46.78	Bachelor's Degree
Financial Managers	35	41	6	17.14	0.16	56.15	Bachelor's Degree
Industrial Engineers	32	31	-1	-3.13	0.14	32.59	Bachelor's Degree

Source: Florida Department of Economic Opportunity, Bureau of Workforce Statistics & Economic Research, Long Term Projections Program, forecast to 2026. Forecasts to the year 2026 assume economic recovery.

**The top 15 tables reflect the occupations synonymous with the particular industry and best represent the required set of skills. Though still counted in the total employment of the Marine Industry, the occupations requiring at least a Bachelor's Degree not included above were: Business Operations Specialists, All Other (2018-170 jobs), Managers, All Other (2018-76 jobs), Chief Executives (2018-55 jobs), Network and Computer Systems Administrators (2018-44 jobs), and Engineers, All Other (2018-36 jobs).

- Approximately 8.0 percent of the jobs in marine occupations are concentrated in the 15 high skill marine occupations in this industry.
- Average hourly wages for the top 15 high skill marine occupations range from a high of \$56.41 for sales managers to a low of \$23.19 for graphic designers.
- All 15 of the largest high skill marine occupations have an average wage greater than \$20.00 per hour.
- Fourteen of the top 15 high skill marine occupations are projected to gain employment through 2026.
- Sales representatives, wholesale and manufacturing, technical/scientific products are projected to gain the most jobs (+27 jobs), and sales managers are projected to grow the fastest (+20.00 percent) of the 15 high skill marine occupations from 2018 to 2026. Industrial engineers (-1 job, -3.13 percent) are the lone occupation of the 15 high skill marine occupations projected to lose employment from 2018 to 2026.