

Broward County **Construction** Industry

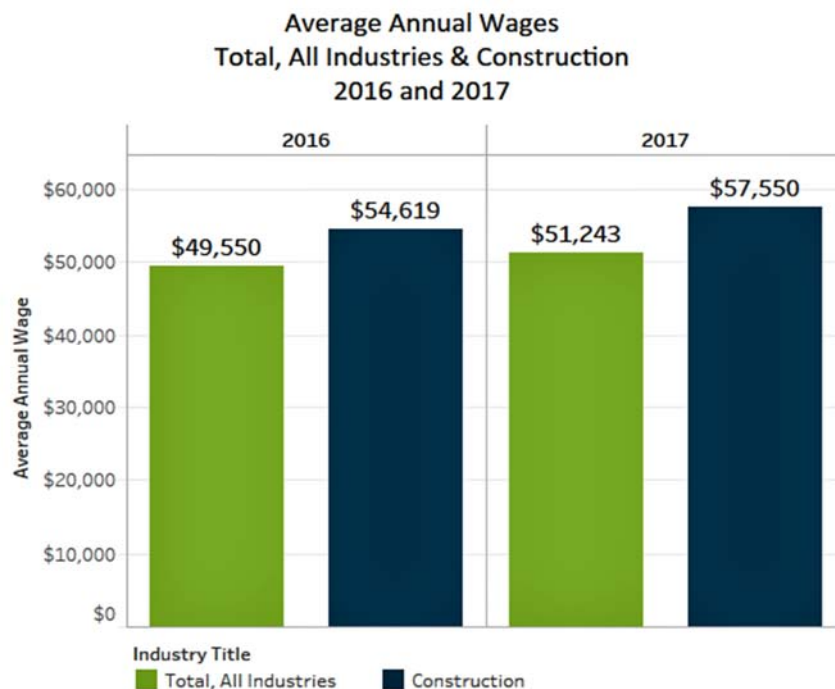


2019 Edition



Broward County Construction Industry Cluster

- The Construction Industry cluster includes the following 10 detailed industry groups: residential building construction; nonresidential building construction; utility system construction; land subdivision; highway, street, and bridge construction; other heavy construction and civil engineering construction; foundation, structure and building exterior contractors; building equipment contractors; building finishing contractors; and other specialty trade contractors.
- The Broward County Construction Industry cluster had 16,575 establishments and employment of 46,477 in December 2017. Employment was up +1,923 jobs (+4.3 percent) over the year.
- Broward County’s largest industry groups in the Construction Industry cluster in December 2017 were building equipment contractors (15,921 jobs); building foundation/exterior contractors (7,933 jobs); and building finishing contractors (6,114 jobs). These three industry groups account for 64.5 percent of Construction Industry cluster employment in the county.
- Within the Construction Industry cluster, building equipment contractors (+898 jobs, +6.0 percent); building foundation/exterior contractors (+776 jobs, +10.8 percent); and utility system construction (+397 jobs, +28.2 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 Construction Industry Cluster

- The 2017 average annual wage for workers in the Construction Industry cluster was \$57,550, exceeding the Broward County total average annual wage for all industries (\$51,243) by 12.3 percent. This gap has expanded since 2016, when the Construction Industry cluster average annual wage was 10.2 percent higher than the average annual for all industries.
- The Construction Industry 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 \$2,931 (+5.4 percent); while for all industries it grew by \$1,693 (+3.4 percent).
- Nonresidential building construction had the highest 2017 average annual wage of all Construction Industries (\$80,999). Building finishing contractors had the lowest average annual wage of all Construction Industries in 2017 (\$41,270). Seven Construction Industry groups had average annual wages that exceeded the wage for all industries in Broward County (\$51,243). Four Construction Industry groups had annual wages greater than \$60,000 and eight had average annual wages in excess of \$50,000.
- Compared to the average annual wage for all industries in 2017, many Construction Industry groups had relatively high average annual wages.

All Education and Training Levels

Top Occupations in the Construction 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 Construction Occupations	49,670	55,837	6,167	12.42			
Construction Laborers	4,612	5,324	712	15.44	9.29	14.74	No formal educational credential
Electricians	4,076	4,398	322	7.90	8.21	20.92	High school diploma or equivalent
Carpenters	3,661	4,125	464	12.67	7.37	19.47	High school diploma or equivalent
First-Line Supervisors of Construction Trades and Extraction Workers	3,482	3,962	480	13.79	7.01	30.30	High school diploma or equivalent
Heating, Air Conditioning, and Refrigeration Mechanics and Installers	2,809	3,232	423	15.06	5.66	19.51	Postsecondary non-degree award
Construction Managers	2,118	2,400	282	13.31	4.26	41.07	Bachelor's Degree
Plumbers, Pipefitters, and Steamfitters	1,871	2,150	279	14.91	3.77	21.41	High school diploma or equivalent
Roofers	1,775	2,096	321	18.08	3.57	14.76	No formal educational credential
Painters, Construction and Maintenance	1,563	1,688	125	8.00	3.15	16.69	No formal educational credential
Sheet Metal Workers	1,351	1,504	153	11.32	2.72	19.25	High school diploma or equivalent
Cost Estimators	917	1,046	129	14.07	1.85	30.67	Bachelor's Degree
Operating Engineers and Other Construction Equipment Operators	839	996	157	18.71	1.69	20.79	High school diploma or equivalent
Drywall and Ceiling Tile Installers	768	803	35	4.56	1.55	15.88	No formal educational credential
Cement Masons and Concrete Finishers	748	875	127	16.98	1.51	18.86	No formal educational credential
General and Operations Managers	731	834	103	14.09	1.47	48.13	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 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 Construction industry, the occupations not included above were: Office Clerks, General (2018-1,871 jobs), Secretaries and Administrative Assistants, Except Legal, Medical and Executive (2018-1,657 jobs).

Broward County Construction Industry Cluster

- The fifteen largest construction occupations represent 63.1 percent of the jobs in the Construction Industry cluster.
- The largest occupation in the construction cluster in 2018 is construction laborers, which has an average wage of \$14.74 per hour.
- Average hourly wages among the 15 largest construction occupations range from a high of \$48.13 for general and operations managers to a low of \$14.74 for construction laborers.
- Seven of the 15 largest occupations have an average wage greater than \$20.00 per hour.
- Twelve of the 15 largest occupations are projected to see double digit increases in employment through 2026.
- Construction laborers are projected to gain the most jobs (+712 jobs), while operating engineers and other construction equipment operators are projected to grow the fastest (+18.71 percent) of the top fifteen construction occupations from 2018 to 2026.
- Second only to the Life Sciences industry, the Construction Industry is projected to see the largest percentage increase in employment from 2018 to 2026.

Bachelor's Degree or Higher

Top Occupations in the Construction 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 Construction Occupations	49,670	55,837	6,167	12.42			
Construction Managers	2,118	2,400	282	13.31	4.26	41.07	Bachelor's Degree
Cost Estimators	917	1,046	129	14.07	1.85	30.67	Bachelor's Degree
General and Operations Managers	731	834	103	14.09	1.47	48.13	Bachelor's Degree
Accountants and Auditors	345	397	52	15.07	0.69	29.95	Bachelor's Degree
Civil Engineers	280	323	43	15.36	0.56	36.29	Bachelor's Degree
Purchasing Agents, Except Wholesale, Retail, and Farm Products	192	198	6	3.13	0.39	27.87	Bachelor's Degree
Market Research Analysts and Marketing Specialists	117	143	26	22.22	0.24	31.22	Bachelor's Degree
Architectural and Engineering Managers	96	111	15	15.63	0.19	54.38	Bachelor's Degree
Human Resources Specialists	61	70	9	14.75	0.12	27.29	Bachelor's Degree
Financial Managers	58	72	14	24.14	0.12	56.15	Bachelor's Degree
Interior Designers	54	62	8	14.81	0.11	21.84	Bachelor's Degree
Health and Safety Engineers, Except Mining Safety Engineers and Inspr	50	57	7	14.00	0.10	34.99	Bachelor's Degree
Sales Managers	43	49	6	13.95	0.09	56.41	Bachelor's Degree
Surveyors	34	40	6	17.65	0.07	28.30	Bachelor's Degree
Sales Engineers	33	37	4	12.12	0.07	45.99	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 Construction Industry, the occupations requiring at least a Bachelor's Degree not included above were: Business Operations Specialists, All Other (2018-356 jobs), Chief Executives (2018-152 jobs), Network and Computer Systems Administrators (2018-66 jobs), Sales Representatives, Wholesale/Manufacturing, Technical and Scientific Products (2018-47 jobs).

**Broward County
Construction Industry Cluster**

- Approximately 10.3 percent of the jobs disclosed in construction occupations are concentrated in the 15 high skill construction occupations in this industry.
- Average hourly wages for the top 15 high skill construction occupations range from a high of \$56.41 for sales managers to a low of \$21.84 for interior designers.
- All 15 of the largest high skill construction occupations have an average wage greater than \$20.00 per hour.
- All 15 of the largest high skill construction occupations are projected to gain employment through 2026.
- The growth of the five largest high skill construction occupations (construction managers, cost estimators, general and operations managers, accountants and auditors, and civil engineers) is projected to outpace the industry as a whole from 2018 to 2026.