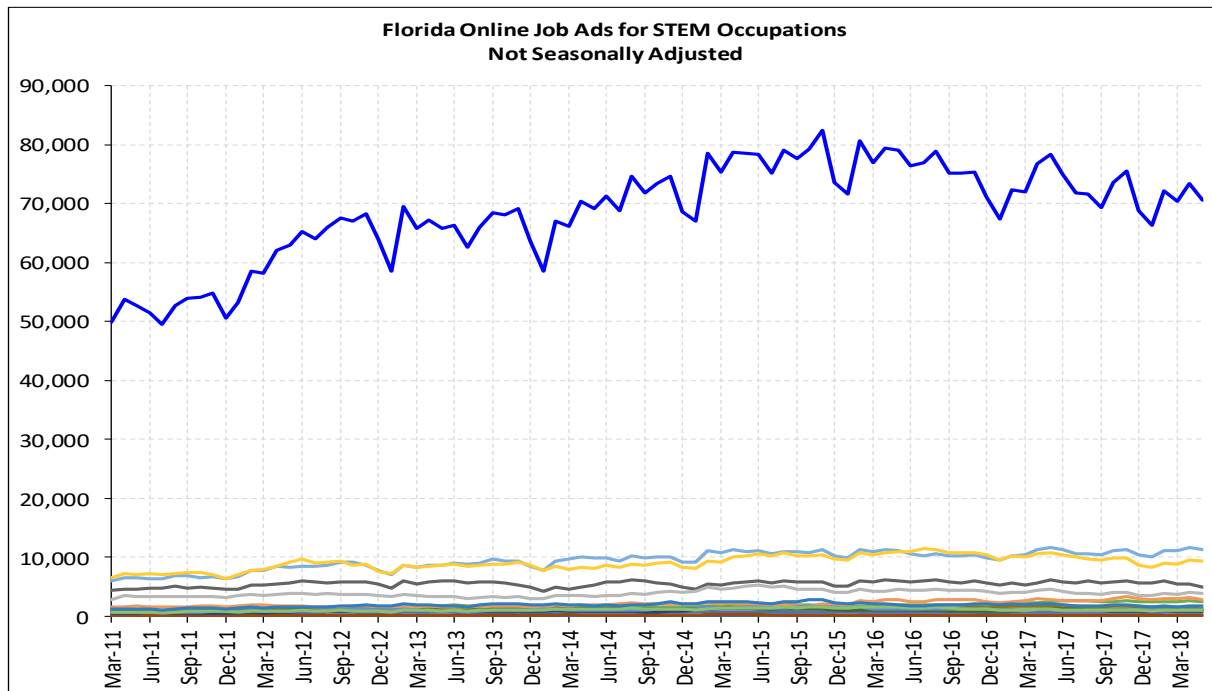


## Science, Technology, Engineering and Mathematics (STEM) Jobs In Demand - Florida May 2018

Help Wanted OnLine™ from The Conference Board is a measure of real-time labor demand captured through online job ads. The Conference Board compiles online job ads from over 16,000 sources and publishes the data in an online application that covers national, state, Metropolitan Statistical Area (MSA) and county levels, detailed by occupation, industry, and employer. Since the online ads are a direct indication of hiring intent by employers, they serve as a measure of labor demand. Reports of hiring demand by area, industry, occupation, and employer are a valuable tool for identifying employment opportunities and helping with the reemployment of Florida’s out-of-work citizens. The Florida Department of Economic Opportunity, Bureau of Labor Market Statistics compiles and publishes reports every month from Help Wanted OnLine that show hiring demand at both the state level and the regional workforce board level.

Note: The STEM occupation list was expanded for the January 2016 HWOL data release. Historic data are provided for this new list.



Source: The Conference Board, Help Wanted OnLine, prepared by the Florida Department of Economic Opportunity, Bureau of Labor Market Statistics.

## STEM Jobs In Demand, Statewide Summary–May 2018

Job ads for STEM occupations in Florida compiled by the Help Wanted OnLine data series totaled 70,496 (not seasonally adjusted) ads in May 2018. Over the year, STEM job ads decreased by 7,823 (-10.0 percent) compared to May 2017. Nationally, STEM demand decreased by 65,295 job ads in May 2018 compared to May 2017 (-4.0 percent).

Major occupational groups with the most online ads in May were computer and mathematical occupations; healthcare practitioners and technical occupations; architecture and engineering occupations; and business and financial operations occupations.

Online job demand for STEM was strongest in counties that are in large metro areas, led by Hillsborough County, Orange County, Miami-Dade County, Broward County, and Palm Beach County.

<b>Top 20 Advertised STEM Occupations for Florida Not Seasonally Adjusted</b>	<b>Online Ads May-2018</b>	<b>Online Ads May-2017</b>
<b>Total Ads</b>	<b>70,496</b>	<b>78,319</b>
Registered Nurses	13,068	16,204
Software Developers, Applications	3,589	3,424
Computer Systems Analysts	3,030	2,883
Computer User Support Specialists	3,014	3,613
Accountants	2,992	3,464
Network and Computer Systems Administrators	2,514	2,950
Web Developers	2,451	2,391
First-Line Supervisors of Construction Trades and Extraction Workers	1,968	2,189
Information Technology Project Managers	1,883	1,916
Managers, All Other	1,473	1,588
Industrial Engineers	1,435	1,269
Financial Managers, Branch or Department	1,374	1,526
Information Security Analysts	1,341	1,196
Computer Systems Engineers/Architects	1,244	1,271
Computer Programmers	1,014	1,173
Civil Engineers	987	961
Critical Care Nurses	973	1,532
Business Operations Specialists, All Other	946	1,048
Software Quality Assurance Engineers and Testers	946	999
Physicians and Surgeons, All Other	828	896

Source: The Conference Board, Help Wanted OnLine, prepared by the Florida Department of Economic Opportunity, Bureau of Labor Market Statistics.

## STEM Jobs In Demand, Statewide Summary–May 2018

### Top 10 Major Occupational Groups by STEM Occupational Demand

Major Group	Occupation	Online Ads May-2018	Online Ads May-2017
<b>Computer and Mathematical Occupations</b>		<b>23,273</b>	<b>24,231</b>
	Software Developers, Applications	3,589	3,424
	Computer Systems Analysts	3,030	2,883
	Computer User Support Specialists	3,014	3,613
<b>Healthcare Practitioners and Technical Occupations</b>		<b>22,122</b>	<b>27,358</b>
	Registered Nurses	13,068	16,204
	Critical Care Nurses	973	1,532
	Physicians and Surgeons, All Other	828	896
<b>Architecture and Engineering Occupations</b>		<b>6,526</b>	<b>6,345</b>
	Industrial Engineers	1,435	1,269
	Civil Engineers	987	961
	Electrical Engineers	717	653
<b>Business and Financial Operations Occupations</b>		<b>6,515</b>	<b>7,283</b>
	Accountants	2,992	3,464
	Business Operations Specialists, All Other	946	1,048
	Financial Analysts	757	738
<b>Management Occupations</b>		<b>5,642</b>	<b>6,074</b>
	Managers, All Other	1,473	1,588
	Financial Managers, Branch or Department	1,374	1,526
	Computer and Information Systems Managers	822	858
<b>Construction and Extraction Occupations</b>		<b>2,153</b>	<b>2,468</b>
	First-Line Supervisors of Construction Trades and Extraction Workers	1,968	2,189
	Drywall and Ceiling Tile Installers	168	258
	Stonemasons	14	14
<b>Education, Training, and Library Occupations</b>		<b>1,294</b>	<b>1,405</b>
	Health Specialties Teachers, Postsecondary	335	572
	Instructional Coordinators	203	186
	Nursing Instructors and Teachers, Postsecondary	137	115
<b>Arts, Design, Entertainment, Sports, and Media Occupations</b>		<b>1,207</b>	<b>1,343</b>
	Graphic Designers	514	557
	Technical Writers	229	259
	Producers	119	104
<b>Life, Physical, and Social Science Occupations</b>		<b>1,169</b>	<b>1,173</b>
	Medical Scientists, Except Epidemiologists	562	586
	Environmental Scientists and Specialists, Including Health	165	126
	Biological Technicians	84	91
<b>Installation, Maintenance, and Repair Occupations</b>		<b>276</b>	<b>296</b>
	Avionics Technicians	116	70
	Medical Equipment Repairers	83	150
	Electrical and Electronics Repairers, Commercial and Industrial Equipment	40	30

Source: The Conference Board, Help Wanted OnLine, prepared by the Florida Department of Economic Opportunity, Bureau of Labor Market Statistics.

## STEM Jobs In Demand, Statewide Summary–May 2018

### Top 10 Industry Sectors by Industry Demand for STEM Occupations

Industry Sector	Industry	Online Ads May-2018	Online Ads May-2017
<b>Health Care and Social Assistance</b>		<b>11,560</b>	<b>14,495</b>
	General Medical and Surgical Hospitals	3,628	3,294
	All Other Miscellaneous Ambulatory Health Care Services	2,184	3,308
	Offices of Physicians (except Mental Health Specialists)	1,670	2,048
	Nursing Care Facilities (Skilled Nursing Facilities)	553	764
	Offices of All Other Miscellaneous Health Practitioners	391	265
<b>Administrative and Support and Waste Management and Remediation Services</b>		<b>10,136</b>	<b>10,976</b>
	Employment Placement Agencies	3,432	4,457
	Temporary Help Services	2,862	2,905
	All Other Business Support Services	1,304	1,285
	Office Administrative Services	769	899
	All Other Support Services	743	507
<b>Professional, Scientific, and Technical Services</b>		<b>9,130</b>	<b>9,328</b>
	Administrative Management and General Management Consulting Servi	2,393	2,220
	Engineering Services	1,391	1,298
	Computer Systems Design Services	962	1,366
	Other Management Consulting Services	631	626
	Custom Computer Programming Services	592	810
<b>Manufacturing</b>		<b>3,373</b>	<b>3,773</b>
	Guided Missile and Space Vehicle Manufacturing	609	322
	Ship Building and Repairing	470	244
	Radio and Television Broadcasting and Wireless Communications Equipn	382	338
	Search, Detection, Navigation, Guidance, Aeronautical, and Nautical Syst	251	284
	Aircraft Manufacturing	116	779
<b>Finance and Insurance</b>		<b>2,469</b>	<b>2,798</b>
	Commercial Banking	599	1,001
	Credit Unions	431	134
	Direct Health and Medical Insurance Carriers	235	283
	Securities Brokerage	219	119
	Insurance Agencies and Brokerages	208	243
<b>Retail Trade</b>		<b>1,487</b>	<b>1,599</b>
	Pharmacies and Drug Stores	355	287
	Electronics Stores	250	347
	Department Stores (except Discount Department Stores)	141	62
	Home Centers	97	105
	Office Supplies and Stationery Stores	91	31
<b>Educational Services</b>		<b>1,316</b>	<b>1,563</b>
	Colleges, Universities, and Professional Schools	865	1,130
	Elementary and Secondary Schools	271	225
	Other Technical and Trade Schools	69	22
	Junior Colleges	62	90
	All Other Miscellaneous Schools and Instruction	30	34
<b>Construction</b>		<b>1,289</b>	<b>1,334</b>
	Commercial and Institutional Building Construction	277	128
	New Single-Family Housing Construction (except For-Sale Builders)	233	245
	Highway, Street, and Bridge Construction	105	82
	Electrical Contractors and Other Wiring Installation Contractors	94	102
	All Other Specialty Trade Contractors	93	66
<b>Information</b>		<b>1,137</b>	<b>1,312</b>
	All Other Telecommunications	227	223
	Software Publishers	176	169
	Data Processing, Hosting, and Related Services	165	253
	Telecommunications Resellers	93	178
	Libraries and Archives	89	54
<b>Other Services (except Public Administration)</b>		<b>901</b>	<b>762</b>
	Other Similar Organizations (except Business, Professional, Labor, and P	214	49
	Other Electronic and Precision Equipment Repair and Maintenance	189	40
	Civic and Social Organizations	112	134
	Professional Organizations	110	118
	Commercial and Industrial Machinery and Equipment (except Automotiv	42	34

Source: The Conference Board, Help Wanted OnLine, prepared by the Florida Department of Economic Opportunity, Bureau of Labor Market Statistics.

## STEM Jobs In Demand, Statewide Summary–May 2018

### Florida Direct Employers With the Most STEM Ads

<b>Top 20 Direct Employers with the Most STEM Ads</b>	<b>Online Ads May-2018</b>	<b>Online Ads May-2017</b>
HCA - The Healthcare Company	2,103	2,606
ACCENTURE	1,762	2,024
Lockheed Martin	898	851
Adventist HealthCare	672	395
Deloitte	671	413
Florida Hospital	610	599
Northrop Grumman	598	688
Harris Corporation	557	606
University of Florida	478	831
Ascension Health	471	935
Tenet Healthcare Corporation	469	396
Baptist Health System	468	255
Community Health Systems Inc	461	591
CITI	420	427
CONSULATE HEALTH CARE	337	243
Universal Health Services	333	37
Health First	328	48
Memorial Health	328	141
NBC Universal	307	160
H&R Block	292	242

Source: The Conference Board, Help Wanted OnLine, prepared by the Florida Department of Economic Opportunity, Bureau of Labor Market Statistics.

## STEM Jobs In Demand, Statewide Summary–May 2018

### Counties and Cities With the Most Ads for STEM

County	City	Online Ads May-2018	Online Ads May-2017
<b>Hillsborough County</b>		<b>9,441</b>	<b>10,741</b>
	Tampa, FL	8,339	9,415
	Brandon, FL	247	280
	Temple Terrace, FL	226	311
<b>Orange County</b>		<b>8,382</b>	<b>8,970</b>
	Orlando, FL	7,485	7,660
	Winter Park, FL	220	253
	Maitland, FL	204	421
<b>Miami-Dade County</b>		<b>7,189</b>	<b>8,012</b>
	Miami, FL	5,493	6,038
	Coral Gables, FL	307	329
	Hialeah, FL	237	433
<b>Broward County</b>		<b>5,567</b>	<b>6,070</b>
	Fort Lauderdale, FL	2,068	2,350
	Hollywood, FL	571	480
	Miramar, FL	447	496
<b>Palm Beach County</b>		<b>4,776</b>	<b>5,393</b>
	Boca Raton, FL	1,548	1,627
	West Palm Beach, FL	1,175	1,457
	Palm Beach Gardens, FL	303	346
<b>Duval County</b>		<b>4,358</b>	<b>5,417</b>
	Jacksonville, FL	4,309	5,353
	Jacksonville Beach, FL	27	42
	Neptune Beach, FL	6	5
<b>Pinellas County</b>		<b>3,895</b>	<b>4,545</b>
	Saint Petersburg, FL	2,077	2,352
	Clearwater, FL	774	1,020
	Largo, FL	405	474
<b>Brevard County</b>		<b>2,904</b>	<b>2,860</b>
	Melbourne, FL	1,548	1,781
	Palm Bay, FL	521	397
	Cape Canaveral, FL	241	252
<b>Leon County</b>		<b>2,449</b>	<b>2,381</b>
	Tallahassee, FL	2,448	2,380
	Woodville, FL	1	1
<b>Okaloosa County</b>		<b>1,506</b>	<b>1,297</b>
	Fort Walton Beach, FL	538	480
	Eglin AFB, FL	411	282

Source: The Conference Board, Help Wanted OnLine, prepared by the Florida Department of Economic Opportunity, Bureau of Labor Market Statistics.

## STEM Jobs In Demand, Statewide Summary–May 2018

### Florida Online STEM Ads by Job Type

Job Type	Online Ads May-2018
Full-Time	68,150
Part-Time	10,130
Contract	5,379
Internship	1,106

Note: Total advertisements in this table may not equal the previously reported total due to overlapping or unspecified categories.

Source: The Conference Board, Help Wanted OnLine, prepared by the Florida Department of Economic Opportunity, Bureau of Labor Market Statistics.