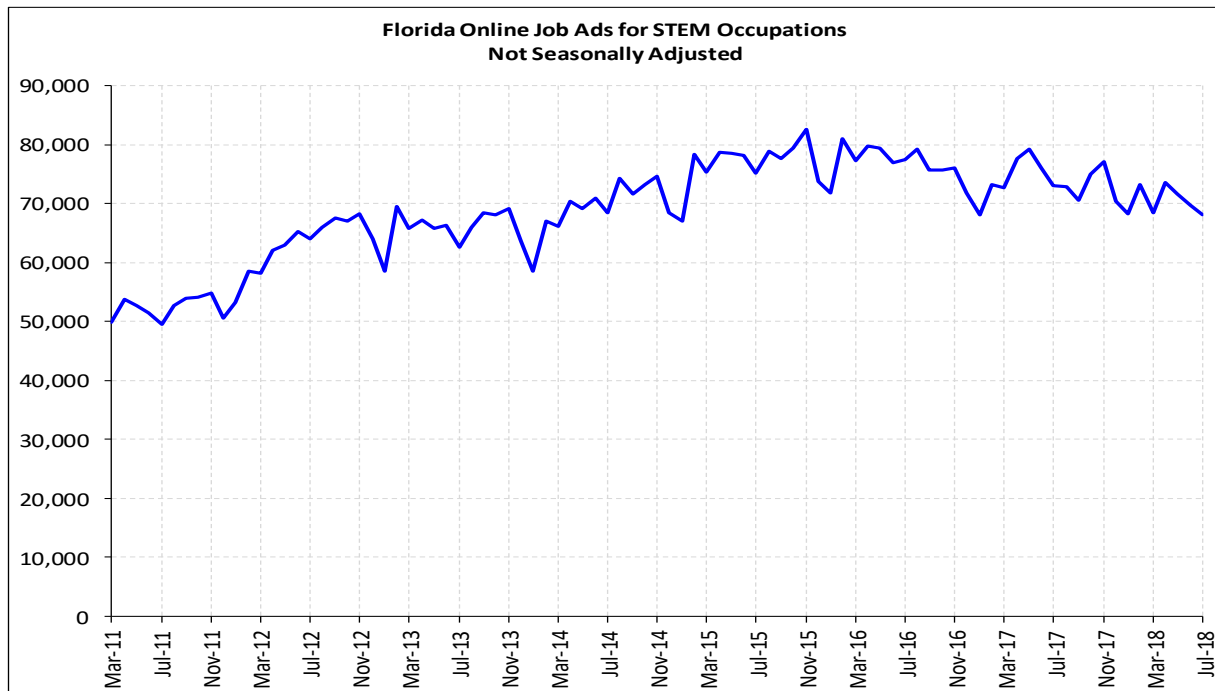


Science, Technology, Engineering and Mathematics (STEM) Jobs In Demand - Florida July 2018

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–July 2018

Job ads for STEM occupations in Florida compiled by the Help Wanted OnLine data series totaled 68,074 (not seasonally adjusted) ads in July 2018. Over the year, STEM job ads decreased by 4,999 (-6.8 percent) compared to July 2017. Nationally, STEM demand decreased by 6,992 job ads in July 2018 compared to July 2017 (-0.5 percent).

Major occupational groups with the most online ads in July 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.

Top 20 Advertised STEM Occupations for Florida Not Seasonally Adjusted	Online Ads July-2018	Online Ads July-2017
Total Ads	68,074	73,073
Registered Nurses	11,231	14,547
Software Developers, Applications	3,664	3,196
Computer User Support Specialists	3,098	3,390
Accountants	2,822	3,105
Computer Systems Analysts	2,802	2,874
Network and Computer Systems Administrators	2,648	2,778
Web Developers	2,517	2,428
First-Line Supervisors of Construction Trades and Extraction Workers	2,057	2,121
Information Technology Project Managers	1,713	1,748
Financial Managers, Branch or Department	1,549	1,540
Industrial Engineers	1,371	1,204
Managers, All Other	1,329	1,348
Information Security Analysts	1,284	1,237
Computer Systems Engineers/Architects	1,270	1,260
Software Quality Assurance Engineers and Testers	1,024	946
Computer Programmers	916	1,068
Civil Engineers	911	796
Construction Managers	910	800
Computer and Information Systems Managers	881	839
Business Operations Specialists, All Other	843	998

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–July 2018

Top 10 Major Occupational Groups by STEM Occupational Demand

Major Group	Occupation	Online Ads July-2018	Online Ads July-2017
Computer and Mathematical Occupations		23,172	23,252
	Software Developers, Applications	3,664	3,196
	Computer User Support Specialists	3,098	3,390
	Computer Systems Analysts	2,802	2,874
Healthcare Practitioners and Technical Occupations		20,143	24,958
	Registered Nurses	11,231	14,547
	Family and General Practitioners	821	1,080
	Physicians and Surgeons, All Other	811	869
Architecture and Engineering Occupations		6,322	5,566
	Industrial Engineers	1,371	1,204
	Civil Engineers	911	796
	Electrical Engineers	775	559
Business and Financial Operations Occupations		6,176	6,763
	Accountants	2,822	3,105
	Business Operations Specialists, All Other	843	998
	Auditors	814	738
Management Occupations		5,852	5,754
	Financial Managers, Branch or Department	1,549	1,540
	Managers, All Other	1,329	1,348
	Construction Managers	910	800
Construction and Extraction Occupations		2,207	2,358
	First-Line Supervisors of Construction Trades and Extraction Workers	2,057	2,121
	Drywall and Ceiling Tile Installers	138	221
	Stonemasons	9	10
Education, Training, and Library Occupations		1,260	1,417
	Health Specialties Teachers, Postsecondary	343	552
	Instructional Coordinators	215	184
	Librarians	113	106
Arts, Design, Entertainment, Sports, and Media Occupations		1,172	1,175
	Graphic Designers	412	477
	Technical Writers	245	199
	Producers	105	94
Life, Physical, and Social Science Occupations		1,138	1,229
	Medical Scientists, Except Epidemiologists	657	542
	Environmental Scientists and Specialists, Including Health	126	158
	Biological Technicians	72	83
Installation, Maintenance, and Repair Occupations		363	280
	Medical Equipment Repairers	160	126
	Avionics Technicians	121	62
	Electrical and Electronics Repairers, Commercial and Industrial Equipment	47	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–July 2018

Top 10 Industry Sectors by Industry Demand for STEM Occupations

Industry Sector	Industry	Online Ads July-2018	Online Ads July-2017
Health Care and Social Assistance		10,299	14,183
	General Medical and Surgical Hospitals	3,153	2,855
	All Other Miscellaneous Ambulatory Health Care Services	2,089	3,781
	Offices of Physicians (except Mental Health Specialists)	1,533	1,909
	Nursing Care Facilities (Skilled Nursing Facilities)	444	596
	Offices of Physicians, Mental Health Specialists	306	1,237
Administrative and Support and Waste Management and Remediation Services		10,196	10,664
	Employment Placement Agencies	3,758	4,651
	Temporary Help Services	2,850	2,741
	All Other Business Support Services	1,194	1,228
	Office Administrative Services	766	680
	All Other Support Services	659	482
Professional, Scientific, and Technical Services		8,449	8,391
	Administrative Management and General Management Consulting Servi	2,284	1,998
	Engineering Services	1,442	1,215
	Computer Systems Design Services	956	1,398
	Custom Computer Programming Services	547	710
	Other Management Consulting Services	529	536
Manufacturing		3,177	3,076
	Guided Missile and Space Vehicle Manufacturing	498	165
	Ship Building and Repairing	425	117
	Radio and Television Broadcasting and Wireless Communications Equipn	398	265
	Search, Detection, Navigation, Guidance, Aeronautical, and Nautical Syst	278	175
	Aircraft Engine and Engine Parts Manufacturing	201	27
Finance and Insurance		2,465	2,627
	Commercial Banking	608	940
	Credit Unions	420	161
	Insurance Agencies and Brokerages	254	194
	Securities Brokerage	207	132
	Direct Health and Medical Insurance Carriers	196	321
Retail Trade		1,507	1,366
	Pharmacies and Drug Stores	341	248
	Electronics Stores	290	275
	Department Stores (except Discount Department Stores)	124	52
	Home Centers	113	105
	Office Supplies and Stationery Stores	83	15
Educational Services		1,353	1,733
	Colleges, Universities, and Professional Schools	892	1,196
	Elementary and Secondary Schools	276	292
	Other Technical and Trade Schools	84	28
	Junior Colleges	56	107
	All Other Miscellaneous Schools and Instruction	24	37
Construction		1,320	1,225
	New Single-Family Housing Construction (except For-Sale Builders)	278	220
	Commercial and Institutional Building Construction	256	140
	Highway, Street, and Bridge Construction	150	78
	All Other Specialty Trade Contractors	115	81
	New Multifamily Housing Construction (except For-Sale Builders)	77	68
Information		1,278	1,312
	All Other Telecommunications	202	205
	Software Publishers	198	161
	Data Processing, Hosting, and Related Services	172	258
	Radio Networks	106	114
	Libraries and Archives	98	61
Wholesale Trade		887	1,194
	Computer and Computer Peripheral Equipment and Software Merchant ¹	99	136
	Transportation Equipment and Supplies (except Motor Vehicle) Merchar	74	37
	Other Miscellaneous Durable Goods Merchant Wholesalers	57	20
	Tire and Tube Merchant Wholesalers	53	29
	Wine and Distilled Alcoholic Beverage Merchant Wholesalers	47	38

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–July 2018

Florida Direct Employers With the Most STEM Ads

Top 20 Direct Employers with the Most STEM Ads	Online Ads July-2018	Online Ads July-2017
HCA - The Healthcare Company	1,835	2,340
ACCENTURE	1,681	1,823
Lockheed Martin	770	706
Adventist HealthCare	656	363
Harris Corporation	599	462
Ascension Health	522	775
Northrop Grumman	516	612
Florida Hospital	507	534
University of Florida	467	763
Baptist Health System	466	246
Deloitte	455	342
CITI	415	431
Community Health Systems Inc	399	568
Tenet Healthcare Corporation	370	434
General Electric	337	148
Health First	329	84
CONSULATE HEALTH CARE	287	223
NBC Universal	287	159
Army	267	246
DaVita, Inc.	253	305

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–July 2018

Counties and Cities With the Most Ads for STEM

County	City	Online Ads July-2018	Online Ads July-2017
Hillsborough County		9,222	10,160
	Tampa, FL	8,083	8,999
	Brandon, FL	289	260
	Temple Terrace, FL	210	206
Orange County		7,845	8,312
	Orlando, FL	6,860	7,107
	Winter Park, FL	243	319
	Maitland, FL	241	344
Miami-Dade County		6,820	7,276
	Miami, FL	5,277	5,505
	Coral Gables, FL	303	318
	Hialeah, FL	209	277
Broward County		5,338	5,806
	Fort Lauderdale, FL	1,860	2,123
	Hollywood, FL	552	560
	Miramar, FL	458	423
Palm Beach County		4,790	4,820
	Boca Raton, FL	1,522	1,482
	West Palm Beach, FL	1,187	1,296
	Palm Beach Gardens, FL	334	260
Duval County		4,722	5,055
	Jacksonville, FL	4,652	4,993
	Jacksonville Beach, FL	35	37
	Atlantic Beach, FL	8	7
Pinellas County		4,054	3,968
	Saint Petersburg, FL	2,101	2,061
	Clearwater, FL	902	918
	Largo, FL	377	391
Brevard County		2,982	2,658
	Melbourne, FL	1,537	1,619
	Palm Bay, FL	536	336
	Cape Canaveral, FL	240	218
Leon County		2,129	2,650
	Tallahassee, FL	2,128	2,650
Okaloosa County		1,503	1,328
	Fort Walton Beach, FL	525	559
	Eglin AFB, FL	411	292
	Hurlburt Field, FL	159	114

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–July 2018

Florida Online STEM Ads by Job Type

Job Type	Online Ads July-2018
Full-Time	65,758
Part-Time	9,825
Contract	5,280
Internship	597

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.