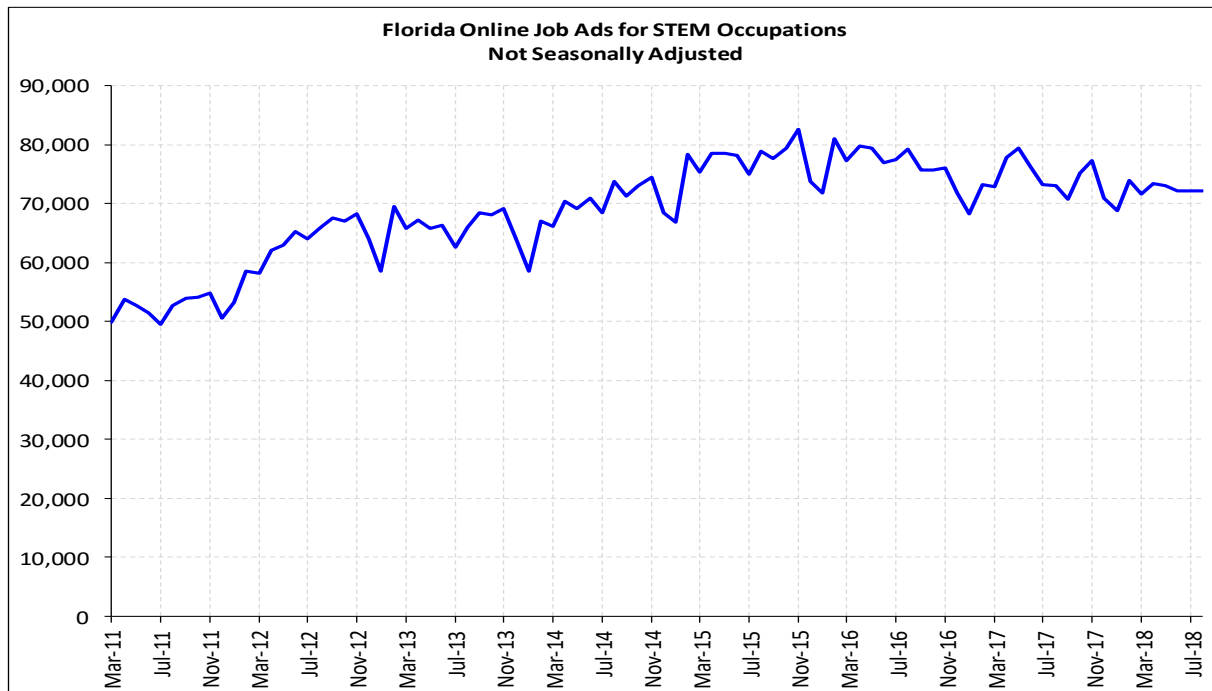


Science, Technology, Engineering and Mathematics (STEM) Jobs In Demand - Florida August 2018

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–August 2018

Job ads for STEM occupations in Florida compiled by the Help Wanted OnLine data series totaled 72,104 (not seasonally adjusted) ads in August 2018. Over the year, STEM job ads decreased by 978 (-1.3 percent) compared to August 2017. Nationally, STEM demand increased by 75,448 job ads in August 2018 compared to August 2017 (+4.9 percent).

Major occupational groups with the most online ads in August 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 August-2018	Online Ads August-2017
Total Ads	72,104	73,082
Registered Nurses	12,402	13,814
Software Developers, Applications	3,659	3,315
Accountants	3,269	3,099
Computer User Support Specialists	3,220	3,422
Computer Systems Analysts	2,901	2,941
Network and Computer Systems Administrators	2,615	2,917
Web Developers	2,543	2,458
First-Line Supervisors of Construction Trades and Extraction Workers	2,297	2,184
Information Technology Project Managers	1,816	1,647
Industrial Engineers	1,584	1,236
Financial Managers, Branch or Department	1,497	1,391
Managers, All Other	1,444	1,330
Information Security Analysts	1,182	1,281
Computer Systems Engineers/Architects	1,182	1,198
Computer Programmers	1,032	1,119
Software Quality Assurance Engineers and Testers	1,024	972
Civil Engineers	958	842
Computer and Information Systems Managers	937	827
Construction Managers	900	787
Critical Care Nurses	866	1,079

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–August 2018

Top 10 Major Occupational Groups by STEM Occupational Demand

Major Group	Occupation	Online Ads August-2018	Online Ads August-2017
Computer and Mathematical Occupations		23,594	23,641
	Software Developers, Applications	3,659	3,315
	Computer User Support Specialists	3,220	3,422
	Computer Systems Analysts	2,901	2,941
Healthcare Practitioners and Technical Occupations		22,075	24,423
	Registered Nurses	12,402	13,814
	Critical Care Nurses	866	1,079
	Family and General Practitioners	813	1,118
Architecture and Engineering Occupations		6,897	5,733
	Industrial Engineers	1,584	1,236
	Civil Engineers	958	842
	Electrical Engineers	839	575
Business and Financial Operations Occupations		6,671	6,851
	Accountants	3,269	3,099
	Auditors	842	737
	Business Operations Specialists, All Other	832	1,142
Management Occupations		6,033	5,518
	Financial Managers, Branch or Department	1,497	1,391
	Managers, All Other	1,444	1,330
	Computer and Information Systems Managers	937	827
Construction and Extraction Occupations		2,470	2,442
	First-Line Supervisors of Construction Trades and Extraction Workers	2,297	2,184
	Drywall and Ceiling Tile Installers	155	249
	Stonemasons	14	4
Arts, Design, Entertainment, Sports, and Media Occupations		1,267	1,192
	Graphic Designers	465	470
	Technical Writers	238	182
	Producers	132	92
Life, Physical, and Social Science Occupations		1,257	1,295
	Medical Scientists, Except Epidemiologists	790	598
	Environmental Scientists and Specialists, Including Health	116	189
	Biological Technicians	71	93
Education, Training, and Library Occupations		1,080	1,379
	Health Specialties Teachers, Postsecondary	315	535
	Instructional Coordinators	234	173
	Nursing Instructors and Teachers, Postsecondary	85	127
Installation, Maintenance, and Repair Occupations		454	277
	Medical Equipment Repairers	252	134
	Avionics Technicians	108	58
	Electrical and Electronics Repairers, Commercial and Industrial Equipment	50	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–August 2018

Top 10 Industry Sectors by Industry Demand for STEM Occupations

Industry Sector	Industry	Online Ads August-2018	Online Ads August-2017
Health Care and Social Assistance		11,346	13,828
	General Medical and Surgical Hospitals	3,343	2,804
	All Other Miscellaneous Ambulatory Health Care Services	2,270	3,723
	Offices of Physicians (except Mental Health Specialists)	1,638	1,875
	Nursing Care Facilities (Skilled Nursing Facilities)	490	548
	Family Planning Centers	464	110
Administrative and Support and Waste Management and Remediation Services		11,065	10,277
	Employment Placement Agencies	3,792	4,458
	Temporary Help Services	3,087	2,741
	All Other Business Support Services	1,524	1,068
	Office Administrative Services	784	612
	All Other Support Services	749	562
Professional, Scientific, and Technical Services		8,041	8,430
	Engineering Services	1,491	1,205
	Administrative Management and General Management Consulting Servi	1,065	1,860
	Computer Systems Design Services	1,043	1,370
	Custom Computer Programming Services	747	693
	Other Accounting Services	601	399
Manufacturing		3,443	3,062
	Guided Missile and Space Vehicle Manufacturing	535	195
	Radio and Television Broadcasting and Wireless Communications Equipm	427	283
	Ship Building and Repairing	386	46
	Search, Detection, Navigation, Guidance, Aeronautical, and Nautical Syst	374	172
	Aircraft Engine and Engine Parts Manufacturing	241	23
Finance and Insurance		2,472	2,691
	Commercial Banking	617	933
	Credit Unions	354	202
	Insurance Agencies and Brokerages	281	161
	Securities Brokerage	234	191
	Direct Health and Medical Insurance Carriers	176	312
Retail Trade		1,743	1,370
	Pharmacies and Drug Stores	393	225
	Electronics Stores	384	285
	Home Centers	111	103
	Department Stores (except Discount Department Stores)	105	52
	Office Supplies and Stationery Stores	87	23
Construction		1,503	1,151
	Commercial and Institutional Building Construction	295	134
	New Single-Family Housing Construction (except For-Sale Builders)	276	246
	Electrical Contractors and Other Wiring Installation Contractors	177	71
	Highway, Street, and Bridge Construction	136	49
	All Other Specialty Trade Contractors	121	78
Information		1,440	1,233
	Data Processing, Hosting, and Related Services	361	222
	Software Publishers	230	157
	All Other Telecommunications	153	210
	Radio Networks	112	79
	Libraries and Archives	89	68
Educational Services		1,184	1,728
	Colleges, Universities, and Professional Schools	773	1,206
	Elementary and Secondary Schools	243	287
	Other Technical and Trade Schools	86	26
	Junior Colleges	40	108
	All Other Miscellaneous Schools and Instruction	19	37
Other Services (except Public Administration)		993	833
	Civic and Social Organizations	220	94
	Other Electronic and Precision Equipment Repair and Maintenance	213	159
	Other Similar Organizations (except Business, Professional, Labor, and P	153	82
	Professional Organizations	69	114
	Religious Organizations	51	65

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–August 2018

Florida Direct Employers With the Most STEM Ads

Top 20 Direct Employers with the Most STEM Ads	Online Ads August-2018	Online Ads August-2017
HCA - The Healthcare Company	1,875	2,120
Adventist HealthCare	1,149	242
Deloitte	813	391
Lockheed Martin	764	870
Harris Corporation	606	527
Florida Hospital	572	536
Ascension Health	563	760
Community Health Systems Inc	461	540
Northrop Grumman	454	477
University of Florida	422	703
CITI	417	421
Baptist Health System	366	274
Tenet Healthcare Corporation	365	482
General Dynamics	332	247
PRA Health Sciences	331	0
General Electric	330	161
Health First	329	123
Army	321	275
Universal Health Services	316	47
Orlando Health	305	32

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–August 2018

Counties and Cities With the Most Ads for STEM

County	City	Online Ads August-2018	Online Ads August-2017
Hillsborough County		9,228	9,923
	Tampa, FL	8,074	8,869
	Brandon, FL	329	226
	Temple Terrace, FL	217	203
Orange County		8,823	8,209
	Orlando, FL	7,703	7,074
	Maitland, FL	301	321
	Winter Park, FL	296	293
Miami-Dade County		7,043	7,311
	Miami, FL	5,389	5,476
	Coral Gables, FL	301	286
	Hialeah, FL	239	286
Broward County		6,066	5,771
	Fort Lauderdale, FL	2,070	2,047
	Plantation, FL	666	451
	Hollywood, FL	666	570
Palm Beach County		4,961	4,865
	Boca Raton, FL	1,605	1,458
	West Palm Beach, FL	1,258	1,283
	Palm Beach Gardens, FL	296	260
Duval County		4,950	5,271
	Jacksonville, FL	4,873	5,205
	Jacksonville Beach, FL	32	34
	Atlantic Beach, FL	15	12
Pinellas County		3,850	3,852
	Saint Petersburg, FL	1,816	2,039
	Clearwater, FL	932	864
	Largo, FL	426	374
Brevard County		3,115	2,770
	Melbourne, FL	1,594	1,625
	Palm Bay, FL	585	342
	Cape Canaveral, FL	244	249
Leon County		1,957	2,652
	Tallahassee, FL	1,955	2,651
	Woodville, FL	1	1
Okaloosa County		1,655	1,401
	Fort Walton Beach, FL	580	616
	Eglin AFB, FL	424	308

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–August 2018

Florida Online STEM Ads by Job Type

Job Type	Online Ads August-2018
Full-Time	69,625
Part-Time	10,642
Contract	5,392
Internship	655

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.