

Selected STEM occupations with most job openings in the WASHINGTON-ARLINGTON-ALEXANDRIA DC-VA-MD-WV METROPOLITAN STATISTICAL AREA, projected 2014-2024<sup>1</sup>

Soccode	Occupational Title	Job openings, projected 2014-2024	Employment		Median Annual Wage May, 2015 <sup>2</sup>	Typical Entry-Level Education <sup>3</sup>
			2014	2024		
15-1121	Computer Systems Analysts	1,055	26,907	33,998	\$99,110	Bachelor's degree
15-1151	Computer User Support Specialists	693	21,339	25,524	\$58,150	Some college, no degree
15-1132	Software Developers, Applications	638	16,992	20,938	\$110,110	Bachelor's degree
15-1199	Computer Occupations, All Other	636	43,094	43,914	\$112,020	Bachelor's degree
15-1142	Network and Computer Systems Administrators	595	18,977	22,487	\$96,740	Bachelor's degree
15-1133	Software Developers, Systems Software	531	16,043	19,065	\$113,900	Bachelor's degree
17-1011	Architects, Except Landscape and Naval	319	14,666	15,441	\$77,060	Bachelor's degree
11-3021	Computer and Information Systems Managers	282	14,689	15,779	\$153,980	Bachelor's degree
17-2051	Civil Engineers	270	7,395	7,911	\$87,090	Bachelor's degree
15-1143	Computer Network Architects	267	9,504	10,957	\$111,950	Bachelor's degree
15-1134	Web Developers	247	6,351	8,003	\$83,060	Associate's degree
11-9041	Architectural and Engineering Managers	242	7,895	7,851	\$144,830	Bachelor's degree
15-1122	Information Security Analysts	215	5,386	6,843	\$106,770	Bachelor's degree
15-1141	Database Administrators	213	5,575	6,505	\$100,640	Bachelor's degree
15-2031	Operations Research Analysts	202	4,963	6,107	\$107,310	Bachelor's degree
19-2041	Environmental Scientists and Specialists, Including Health	166	5,313	5,333	\$99,920	Bachelor's degree
17-2199	Engineers, All Other	163	8,121	7,538	\$132,350	Bachelor's degree
15-1131	Computer Programmers	161	6,530	5,756	\$96,240	Bachelor's degree
15-1152	Computer Network Support Specialists	135	5,268	5,942	\$72,400	Associate's degree
15-2041	Statisticians	133	3,423	4,155	\$99,910	Master's degree
19-1042	Medical Scientists, Except Epidemiologists	127	2,944	3,299	\$105,960	Doctoral or professional degree
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	126	5,446	5,584	\$101,870	Bachelor's degree
17-2141	Mechanical Engineers	111	2,872	3,069	\$104,640	Bachelor's degree
17-2061	Computer Hardware Engineers	85	2,344	2,712	\$117,610	Bachelor's degree
15-1111	Computer and Information Research Scientists	79	3,013	3,417	\$125,200	Doctoral or professional degree
17-2071	Electrical Engineers	70	2,438	2,594	\$108,040	Bachelor's degree
19-4092	Forensic Science Technicians	68	1,047	1,288	\$71,390	Bachelor's degree
11-9121	Natural Sciences Managers	56	2,688	2,503	\$132,360	Bachelor's degree
17-2081	Environmental Engineers	56	1,542	1,660	\$94,100	Bachelor's degree
41-9031	Sales Engineers	50	1,939	1,870	\$125,370	Bachelor's degree
17-2011	Aerospace Engineers	48	1,591	1,615	\$138,870	Bachelor's degree
17-3022	Civil Engineering Technicians	45	1,678	1,721	\$42,140	Associate's degree
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	44	1,457	1,468	\$99,920	Bachelor's degree
17-3023	Electrical and Electronics Engineering Technicians	44	1,666	1,697	\$68,790	Associate's degree
17-2121	Marine Engineers and Naval Architects	43	1,385	1,453	\$117,080	Bachelor's degree
19-4099	Life, Physical, and Social Science Technicians, All Other	42	1,001	996	\$55,700	Associate's degree
17-2072	Electronics Engineers, Except Computer	39	1,786	1,694	\$118,060	Bachelor's degree
17-2112	Industrial Engineers	39	991	1,090	\$87,990	Bachelor's degree
19-4021	Biological Technicians	39	1,328	1,353	\$51,330	Bachelor's degree
17-2131	Materials Engineers	29	767	784	\$115,340	Bachelor's degree
17-3011	Architectural and Civil Drafters	29	2,438	2,313	\$50,250	Associate's degree
19-1031	Conservation Scientists	29	549	595	\$75,430	Bachelor's degree
17-3029	Engineering Technicians, Except Drafters, All Other	24	980	851	\$82,840	Associate's degree
19-4091	Environmental Science and Protection Technicians, Including Health	23	549	542	\$54,880	Associate's degree
19-2012	Physicists	21	1,102	997	\$131,840	Doctoral or professional degree
19-2031	Chemists	21	966	929	\$118,050	Bachelor's degree
19-1029	Biological Scientists, All Other	19	717	655	\$93,570	Bachelor's degree
15-2011	Actuaries	17	577	556	\$128,790	Bachelor's degree
17-1022	Surveyors	17	550	531	\$58,770	Bachelor's degree
19-2099	Physical Scientists, All Other	16	1,651	1,476	\$132,050	Bachelor's degree
19-4031	Chemical Technicians	16	542	534	\$49,200	Associate's degree
17-3027	Mechanical Engineering Technicians	15	447	483	\$56,970	Associate's degree
19-1041	Epidemiologists	14	310	351	\$92,030	Master's degree
17-1021	Cartographers and Photogrammetrists	12	216	270	\$86,220	Bachelor's degree

Selected STEM occupations with most job openings in the WASHINGTON-ARLINGTON-ALEXANDRIA DC-VA-MD-WV METROPOLITAN STATISTICAL AREA, projected 2014-2024<sup>1</sup>

Soccode	Occupational Title	Job openings, projected 2014-2024	Employment		Median Annual Wage May, 2015 <sup>2</sup>	Typical Entry-Level Education <sup>3</sup>
			2014	2024		
15-2021	Mathematicians	11	267	324	\$137,550	Master's degree
25-1031	Architecture Teachers, Postsecondary	11	399	435	\$66,750	Doctoral or professional degree
25-1042	Biological Science Teachers, Postsecondary	11	353	401	\$70,530	Doctoral or professional degree
25-1022	Mathematical Science Teachers, Postsecondary	10	316	360	\$69,540	Doctoral or professional degree

Notes:<sup>1</sup>Washington-Arlington-Alexandria, DC-VA-MD-WV Metropolitan Statistical Area Long-Term Occupational Projections, 2014 - 2024

<sup>2</sup>Bureau of Labor Statistics, Occupational Employment Statistics (OES), May 2015

<sup>3</sup>Unless other wise specified, occupations typically require neither work experience in a related occupation nor on-the-job training to obtain competency.

Source: DC Department of Employment Services, Office of Labor Market Research and Information