

Table 2: WASHINGTON-ARLINGTON-ALEXANDRIA DC-VA-MD-WV METROPOLITAN STATISTICAL AREA Science, technology, Engineering, and Mathematics (STEM) Occupational Projections, 2018 - 2028¹

Occ_code	Occupational Title	Occupational Separations,							Worker Characteristics				
		Employment Projections				2018-2028, annual average			Occupational		Typical Education	Work Experience in a related Occupation	Typical on-the-job training needed to attain competency
		2018	2028	Numeric	Percent	Labor Force Exits	Occupational Transfers	Annual Numeric Change	2018-2028 Openings	Median Annual Wage ²			
00-0000	TOTAL, ALL OCCUPATIONS	3,491,804	3,783,902	292,098	8.37	146,495	249,427	29,210	425,132	\$54,680			
	TOTAL NON-STEM OCCUPATIONS	2,908,310	3,127,582	219,272	7.54	133,195	217,724	21,930	372,849	\$45,890			
	TOTAL STEM OCCUPATIONS³	583,494	656,320	72,826	12.48	13,300	31,703	7,280	52,283	\$90,200			
11-3021	Computer and Information Systems Managers	16,312	18,925	2,613	16.02	302	1,072	261	1,635	\$164,200	Bachelor's degree	5 years or more	None
11-9041	Architectural and Engineering Managers	5,682	6,246	564	9.93	104	326	56	486	\$154,070	Bachelor's degree	5 years or more	None
11-9111	Medical and Health Services Managers	9,334	10,544	1,210	12.96	244	544	121	909	\$116,360	Bachelor's degree	Less than 5 years	None
11-9121	Natural Sciences Managers	3,776	3,964	188	4.98	82	260	19	361	\$137,510	Bachelor's degree	5 years or more	None
15-1111	Computer and Information Research Scientists	2,535	2,836	301	11.87	38	168	30	236	\$127,670	Master's degree	None	None
15-1121	Computer Systems Analysts	24,333	28,459	4,126	16.96	502	1,404	413	2,319	\$102,050	Bachelor's degree	None	None
15-1122	Information Security Analysts	6,919	9,112	2,193	31.70	115	455	219	789	\$113,200	Bachelor's degree	Less than 5 years	None
15-1131	Computer Programmers	10,297	10,009	-288	-2.80	163	549	-29	683	\$96,600	Bachelor's degree	None	None
15-1132	Software Developers, Applications	36,186	47,919	11,733	32.42	584	2,378	1,173	4,135	\$115,360	Bachelor's degree	None	None
15-1133	Software Developers, Systems Software	17,624	20,691	3,067	17.40	266	1,083	307	1,656	\$120,380	Bachelor's degree	None	None
15-1134	Web Developers	6,157	7,148	991	16.10	114	392	99	605	\$89,320	Associate's degree	None	None
15-1141	Database Administrators	3,652	4,222	570	15.61	76	203	57	336	\$97,970	Bachelor's degree	None	None
15-1142	Network and Computer Systems Administrators	11,812	13,416	1,604	13.58	212	669	160	1,041	\$98,390	Bachelor's degree	None	None
15-1143	Computer Network Architects	5,727	6,556	829	14.48	82	346	83	511	\$126,250	Bachelor's degree	5 years or more	None
15-1151	Computer User Support Specialists	22,850	26,899	4,049	17.72	457	1,582	405	2,444	\$60,640	Some college, no degree	None	None
15-1152	Computer Network Support Specialists	5,351	6,077	726	13.57	105	363	73	541	\$74,550	Associate's degree	None	None
15-1199	Computer Occupations, All Other	32,503	34,948	2,445	7.52	541	1,907	244	2,692	\$116,990	Bachelor's degree	None	None
15-2011	Actuaries	414	522	108	26.09	5	23	11	39	\$104,010	Bachelor's degree	None	Long-term OJT
15-2021	Mathematicians	241	292	51	21.16	5	16	5	26	\$143,790	Master's degree	None	None
15-2031	Operations Research Analysts	3,222	4,140	918	28.49	86	154	92	332	\$105,760	Bachelor's degree	None	None
15-2041	Statisticians	2,520	3,300	780	30.95	53	170	78	301	\$106,250	Master's degree	None	None
17-1011	Architects, Except Landscape and Naval	5,600	6,413	813	14.52	143	318	81	542	\$87,470	Bachelor's degree	None	Internship/residency
17-1012	Landscape Architects	881	956	75	8.51	22	49	8	79	\$84,730	Bachelor's degree	None	Internship/residency
17-1021	Cartographers and Photogrammetrists	519	611	92	17.73	14	27	9	50	\$90,140	Bachelor's degree	None	None
17-1022	Surveyors	2,386	2,679	293	12.28	64	121	29	214	\$65,590	Bachelor's degree	None	Internship/residency
17-2011	Aerospace Engineers	2,681	2,777	96	3.58	58	118	10	186	\$140,400	Bachelor's degree	None	None
17-2021	Agricultural Engineers	88	91	3	3.41	2	4	0	6	N/A	Bachelor's degree	None	None
17-2031	Biomedical Engineers	450	487	37	8.22	10	24	4	38	\$100,210	Bachelor's degree	None	None
17-2041	Chemical Engineers	654	730	76	11.62	14	29	8	51	\$116,370	Bachelor's degree	None	None
17-2051	Civil Engineers	16,401	18,207	1,806	11.01	353	994	181	1,528	\$92,050	Bachelor's degree	None	None
17-2061	Computer Hardware Engineers	2,960	3,339	379	12.80	61	166	38	265	\$126,290	Bachelor's degree	None	None
17-2071	Electrical Engineers	5,971	6,890	919	15.39	130	295	92	517	\$117,590	Bachelor's degree	None	None
17-2072	Electronics Engineers, Except Computer	5,303	5,378	75	1.41	108	245	8	361	\$125,650	Bachelor's degree	None	None
17-2081	Environmental Engineers	2,699	2,909	210	7.78	76	136	21	233	\$96,990	Bachelor's degree	None	None
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspect	693	768	75	10.82	15	35	8	58	\$103,430	Bachelor's degree	None	None
17-2112	Industrial Engineers	2,371	2,850	479	20.20	53	126	48	227	\$105,010	Bachelor's degree	None	None
17-2121	Marine Engineers and Naval Architects	335	365	30	8.96	6	15	3	24	\$102,910	Bachelor's degree	None	None
17-2131	Materials Engineers	600	640	40	6.67	13	26	4	43	\$126,070	Bachelor's degree	None	None
17-2141	Mechanical Engineers	8,173	9,044	871	10.66	161	422	87	670	\$109,910	Bachelor's degree	None	None
17-2151	Mining and Geological Engineers, Including Mining Safety Engineers	140	154	14	10.00	3	8	1	12	\$69,550	Bachelor's degree	None	None
17-2161	Nuclear Engineers	753	775	22	2.92	14	34	2	50	\$164,200	Bachelor's degree	None	None
17-2171	Petroleum Engineers	369	415	46	12.47	6	22	5	33	\$96,010	Bachelor's degree	None	None
17-2199	Engineers, All Other	8,390	8,681	291	3.47	175	414	29	618	\$140,840	Bachelor's degree	None	None
17-3011	Architectural and Civil Drafters	3,397	3,666	269	7.92	117	246	27	390	\$61,780	Associate's degree	None	None
17-3012	Electrical and Electronics Drafters	1,515	1,725	210	13.86	54	113	21	188	\$71,640	Associate's degree	None	None
17-3013	Mechanical Drafters	682	706	24	3.52	23	48	2	73	\$56,720	Associate's degree	None	None
17-3019	Drafters, All Other	222	253	31	13.96	8	17	3	28	\$56,530	Associate's degree	None	None
17-3021	Aerospace Engineering and Operations Technicians	235	282	47	20.00	8	17	5	30	\$63,230	Associate's degree	None	None
17-3022	Civil Engineering Technicians	3,136	3,429	293	9.34	109	211	29	349	\$56,520	Associate's degree	None	None

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		Employment		Change 2018-2028		Labor Force	Occupational	Annual	Openings	Median	Typical Education	Work Experience	Typical on-the-job	
		2018	2028	Numeric	Percent	Exits	Transfers	Numeric Change	2018-2028	Annual Wage ²	Needed for Entry	in a related Occupation	training needed to attain competency	
17-3023	Electrical and Electronics Engineering Technicians	3,985	4,348	363	9.11	138	268	36	442	\$72,340	Associate's degree	None	None	
17-3024	Electro-Mechanical Technicians	152	175	23	15.13	5	10	2	17	\$59,860	Associate's degree	None	None	
17-3025	Environmental Engineering Technicians	610	704	94	15.41	22	42	9	73	\$55,660	Associate's degree	None	None	
17-3026	Industrial Engineering Technicians	527	567	40	7.59	18	35	4	57	\$57,960	Associate's degree	None	None	
17-3027	Mechanical Engineering Technicians	634	726	92	14.51	22	44	9	75	\$55,490	Associate's degree	None	None	
17-3029	Engineering Technicians, Except Drafters, All Other	4,485	4,678	193	4.30	152	295	19	466	\$86,720	Associate's degree	None	None	
17-3031	Surveying and Mapping Technicians	2,105	2,338	233	11.07	62	199	23	284	\$54,530	HS diploma or equivalent	None	Moderate-term OJT	
19-1011	Animal Scientists	62	66	4	6.45	1	6	0	7	\$126,050	Bachelor's degree	None	None	
19-1012	Food Scientists and Technologists	253	278	25	9.88	5	24	2	31	\$82,650	Bachelor's degree	None	None	
19-1013	Soil and Plant Scientists	674	732	58	8.61	14	64	6	84	\$88,440	Bachelor's degree	None	None	
19-1021	Biochemists and Biophysicists	1,285	1,453	168	13.07	21	104	17	142	\$90,850	Doctoral or professional degree	None	None	
19-1022	Microbiologists	2,784	2,806	22	0.79	43	213	2	258	\$106,660	Bachelor's degree	None	None	
19-1023	Zoologists and Wildlife Biologists	1,290	1,312	22	1.71	20	99	2	121	\$106,000	Bachelor's degree	None	None	
19-1029	Biological Scientists, All Other	4,030	4,084	54	1.34	63	309	5	377	\$97,850	Bachelor's degree	None	None	
19-1031	Conservation Scientists	2,180	2,220	40	1.83	42	186	4	232	\$86,980	Bachelor's degree	None	None	
19-1032	Foresters	434	433	-1	-0.23	8	37	0	45	\$66,100	Bachelor's degree	None	None	
19-1041	Epidemiologists	240	253	13	5.42	3	18	1	22	\$91,940	Master's degree	None	None	
19-1042	Medical Scientists, Except Epidemiologists	4,337	4,867	530	12.22	64	346	53	463	\$109,890	Doctoral or professional degree	None	None	
19-1099	Life Scientists, All Other	264	283	19	7.20	4	20	2	26	\$96,350	Bachelor's degree	None	None	
19-2011	Astronomers	153	158	5	3.27	3	10	0	13	\$129,840	Doctoral or professional degree	None	None	
19-2012	Physicists	1,151	1,256	105	9.12	22	75	10	107	\$135,150	Doctoral or professional degree	None	None	
19-2021	Atmospheric and Space Scientists	716	729	13	1.82	14	57	1	72	\$113,150	Bachelor's degree	None	None	
19-2031	Chemists	2,622	2,699	77	2.94	43	196	8	247	\$122,760	Bachelor's degree	None	None	
19-2032	Materials Scientists	194	221	27	13.92	3	15	3	21	\$80,680	Bachelor's degree	None	None	
19-2041	Environmental Scientists and Specialists, Including Health	5,520	6,114	594	10.76	107	521	59	687	\$105,660	Bachelor's degree	None	None	
19-2042	Geoscientists, Except Hydrologists and Geographers	1,207	1,316	109	9.03	23	113	11	147	\$108,930	Bachelor's degree	None	None	
19-2043	Hydrologists	859	891	32	3.73	16	78	3	97	\$97,640	Bachelor's degree	None	None	
19-2099	Physical Scientists, All Other	1,849	1,841	-8	-0.43	25	134	-1	158	\$143,780	Bachelor's degree	None	None	
19-3011	Economists	5,523	6,122	599	10.85	83	344	60	487	\$123,940	Master's degree	None	None	
19-3022	Survey Researchers	596	584	-12	-2.01	18	49	-1	66	\$78,880	Master's degree	None	None	
19-3031	Clinical, Counseling, and School Psychologists	3,073	3,474	401	13.05	73	156	40	269	\$79,360	Doctoral or professional degree	None	Internship/residency	
19-3032	Industrial-Organizational Psychologists	51	58	7	13.73	1	3	1	5	\$129,920	Master's degree	None	Internship/residency	
19-3039	Psychologists, All Other	1,665	1,650	-15	-0.90	37	79	-2	114	\$105,040	Master's degree	None	Internship/residency	
19-3041	Sociologists	230	260	30	13.04	8	20	3	31	\$75,160	Master's degree	None	None	
19-3051	Urban and Regional Planners	1,753	1,956	203	11.58	30	142	20	192	\$86,760	Master's degree	None	None	
19-3091	Anthropologists and Archeologists	516	554	38	7.36	17	45	4	66	\$88,540	Master's degree	None	None	
19-3092	Geographers	173	170	-3	-1.73	5	14	0	19	\$89,690	Bachelor's degree	None	None	
19-3094	Political Scientists	1,949	2,051	102	5.23	62	167	10	239	\$126,060	Master's degree	None	None	
19-3099	Social Scientists and Related Workers, All Other	3,901	3,880	-21	-0.54	122	324	-2	444	\$109,890	Bachelor's degree	None	None	
19-4011	Agricultural and Food Science Technicians	417	467	50	11.99	9	44	5	58	\$36,540	Associate's degree	None	Moderate-term OJT	
19-4021	Biological Technicians	3,978	4,228	250	6.28	61	370	25	456	\$55,950	Bachelor's degree	None	None	
19-4031	Chemical Technicians	1,214	1,373	159	13.10	25	104	16	145	\$45,820	Associate's degree	None	Moderate-term OJT	
19-4041	Geological and Petroleum Technicians	294	337	43	14.63	4	28	4	36	\$45,930	Associate's degree	None	Moderate-term OJT	
19-4051	Nuclear Technicians	68	76	8	11.76	2	7	1	10	N/A	Associate's degree	None	Moderate-term OJT	
19-4061	Social Science Research Assistants	3,906	4,414	508	13.01	113	380	51	544	\$53,660	Bachelor's degree	None	None	
19-4091	Environmental Science and Protection Technicians, Including Health	1,345	1,528	183	13.61	39	131	18	188	\$55,160	Associate's degree	None	None	
19-4092	Forensic Science Technicians	661	757	96	14.52	19	65	10	94	\$77,220	Bachelor's degree	None	Moderate-term OJT	
19-4093	Forest and Conservation Technicians	4,209	4,104	-105	-2.49	113	379	-10	482	N/A	Associate's degree	None	None	
19-4099	Life, Physical, and Social Science Technicians, All Other	2,766	2,907	141	5.10	77	259	14	350	\$69,020	Associate's degree	None	None	
25-1021	Computer Science Teachers, Postsecondary	369	417	48	13.01	14	18	5	37	\$87,140	Doctoral or professional degree	None	None	
25-1022	Mathematical Science Teachers, Postsecondary	455	511	56	12.31	18	22	6	46	\$69,000	Doctoral or professional degree	None	None	
25-1031	Architecture Teachers, Postsecondary	99	111	12	12.12	4	5	1	10	\$88,240	Doctoral or professional degree	None	None	

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		2018	2028	Numeric	Percent	Exits	Transfers	Numeric Change	2018-2028	Annual Wage ²	Needed for Entry	in a related Occupation	training needed to attain competency	
25-1032	Engineering Teachers, Postsecondary	518	608	90	17.37	21	26	9	56	\$115,520	Doctoral or professional degree	None	None	
25-1041	Agricultural Sciences Teachers, Postsecondary	144	157	13	9.03	6	7	1	14	\$77,890	Doctoral or professional degree	None	None	
25-1042	Biological Science Teachers, Postsecondary	629	745	116	18.44	25	32	12	69	\$82,560	Doctoral or professional degree	None	None	
25-1043	Forestry and Conservation Science Teachers, Postsecondary	*	*	*	*	*	*	*	*	N/A	Doctoral or professional degree	None	None	
25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	128	143	15	11.72	5	6	2	13	\$103,390	Doctoral or professional degree	None	None	
25-1052	Chemistry Teachers, Postsecondary	262	297	35	13.36	10	13	4	27	\$70,560	Doctoral or professional degree	None	None	
25-1053	Environmental Science Teachers, Postsecondary	79	88	9	11.39	3	4	1	8	\$82,840	Doctoral or professional degree	None	None	
25-1054	Physics Teachers, Postsecondary	178	200	22	12.36	7	9	2	18	\$121,440	Doctoral or professional degree	None	None	
25-1061	Anthropology and Archeology Teachers, Postsecondary	77	87	10	12.99	3	4	1	8	\$90,170	Doctoral or professional degree	None	None	
25-1062	Area, Ethnic, and Cultural Studies Teachers, Postsecondary	139	157	18	12.95	5	7	2	14	\$85,530	Doctoral or professional degree	None	None	
25-1063	Economics Teachers, Postsecondary	181	205	24	13.26	7	9	2	18	\$99,620	Doctoral or professional degree	None	None	
25-1064	Geography Teachers, Postsecondary	50	55	5	10.00	2	2	0	4	\$93,490	Doctoral or professional degree	None	None	
25-1065	Political Science Teachers, Postsecondary	223	253	30	13.45	9	11	3	23	\$101,290	Doctoral or professional degree	None	None	
25-1066	Psychology Teachers, Postsecondary	487	582	95	19.51	20	24	10	54	\$78,610	Doctoral or professional degree	None	None	
25-1067	Sociology Teachers, Postsecondary	163	185	22	13.50	6	8	2	16	\$96,550	Doctoral or professional degree	None	None	
25-1069	Social Sciences Teachers, Postsecondary, All Other	149	166	17	11.41	6	7	2	15	\$86,240	Doctoral or professional degree	None	None	
25-1071	Health Specialties Teachers, Postsecondary	2,888	3,748	860	29.78	122	152	86	360	\$91,250	Doctoral or professional degree	Less than 5 years	None	
25-1072	Nursing Instructors and Teachers, Postsecondary	671	874	203	30.25	28	35	20	83	\$99,720	Doctoral or professional degree	Less than 5 years	None	
29-1011	Chiropractors	1,063	1,069	6	0.56	19	10	1	30	\$72,690	Doctoral or professional degree	None	None	
29-1021	Dentists, General	3,092	3,425	333	10.77	70	28	33	131	\$186,440	Doctoral or professional degree	None	None	
29-1022	Oral and Maxillofacial Surgeons	127	140	13	10.24	3	1	1	5	N/A	Doctoral or professional degree	None	Internship/residency	
29-1023	Orthodontists	144	159	15	10.42	3	1	2	6	N/A	Doctoral or professional degree	None	Internship/residency	
29-1024	Prosthodontists	*	*	*	*	*	*	*	*	N/A	Doctoral or professional degree	None	Internship/residency	
29-1029	Dentists, All Other Specialists	444	436	-8	-1.80	10	4	-1	13	\$146,370	Doctoral or professional degree	None	Internship/residency	
29-1031	Dietitians and Nutritionists	1,938	2,085	147	7.59	65	61	15	141	\$68,020	Bachelor's degree	None	Internship/residency	
29-1041	Optometrists	1,374	1,522	148	10.77	27	16	15	58	\$124,800	Doctoral or professional degree	None	None	
29-1051	Pharmacists	6,801	6,784	-17	-0.25	160	145	-2	303	\$125,870	Doctoral or professional degree	None	None	
29-1061	Anesthesiologists	613	677	64	10.44	11	8	6	25	N/A	Doctoral or professional degree	None	Internship/residency	
29-1062	Family and General Practitioners	2,263	2,569	306	13.52	40	31	31	102	\$161,570	Doctoral or professional degree	None	Internship/residency	
29-1063	Internists, General	719	769	50	6.95	12	10	5	27	\$129,380	Doctoral or professional degree	None	Internship/residency	
29-1064	Obstetricians and Gynecologists	375	398	23	6.13	6	5	2	13	\$196,030	Doctoral or professional degree	None	Internship/residency	
29-1065	Pediatricians, General	571	611	40	7.01	10	8	4	22	\$146,020	Doctoral or professional degree	None	Internship/residency	
29-1066	Psychiatrists	556	649	93	16.73	10	8	9	27	N/A	Doctoral or professional degree	None	Internship/residency	
29-1067	Surgeons	657	698	41	6.24	11	9	4	24	N/A	Doctoral or professional degree	None	Internship/residency	
29-1069	Physicians and Surgeons, All Other	12,956	13,594	638	4.92	218	170	64	452	\$186,240	Doctoral or professional degree	None	Internship/residency	
29-1071	Physician Assistants	2,194	2,922	728	33.18	39	106	73	218	\$108,940	Master's degree	None	None	
29-1081	Podiatrists	328	323	-5	-1.52	8	11	0	19	\$149,050	Doctoral or professional degree	None	Internship/residency	
29-1122	Occupational Therapists	1,993	2,256	263	13.20	47	72	26	145	\$95,710	Master's degree	None	None	
29-1123	Physical Therapists	4,184	4,852	668	15.97	83	106	67	256	\$90,230	Doctoral or professional degree	None	None	
29-1124	Radiation Therapists	257	295	38	14.79	4	9	4	17	\$86,660	Associate's degree	None	None	
29-1125	Recreational Therapists	703	777	74	10.53	15	20	7	42	\$55,070	Bachelor's degree	None	None	
29-1126	Respiratory Therapists	1,658	2,048	390	23.52	51	47	39	137	\$70,380	Associate's degree	None	None	
29-1127	Speech-Language Pathologists	2,038	2,534	496	24.34	45	77	50	172	\$92,620	Master's degree	None	Internship/residency	
29-1128	Exercise Physiologists	426	446	20	4.69	10	14	2	26	\$63,580	Bachelor's degree	None	None	
29-1129	Therapists, All Other	652	733	81	12.42	16	22	8	46	\$79,220	Bachelor's degree	None	None	
29-1131	Veterinarians	2,014	2,079	65	3.23	39	40	6	85	\$115,910	Doctoral or professional degree	None	None	
29-1141	Registered Nurses	59,058	64,949	5,891	9.97	1,721	1,590	589	3,900	\$79,520	Bachelor's degree	None	None	
29-1151	Nurse Anesthetists	701	865	164	23.40	12	26	16	54	\$182,070	Master's degree	None	None	
29-1161	Nurse Midwives	109	127	18	16.51	2	4	2	8	\$97,530	Master's degree	None	None	
29-1171	Nurse Practitioners	3,073	4,046	973	31.66	70	120	97	287	\$111,850	Master's degree	None	None	
29-1181	Audiologists	185	214	29	15.68	4	4	3	11	\$88,420	Doctoral or professional degree	None	None	
29-1199	Health Diagnosing and Treating Practitioners, All Other	3,608	3,602	-6	-0.17	102	65	-1	166	\$136,660	Master's degree	None	None	

Table 2: WASHINGTON-ARLINGTON-ALEXANDRIA DC-VA-MD-WV METROPOLITAN STATISTICAL AREA Science, technology, Engineering, and Mathematics (STEM) Occupational Projections, 2018 - 2028¹

Occ_code	Occupational Title	Employment Projections				Occupational Separations, 2018-2028, annual average			Worker Characteristics				
		Employment		Change 2018-2028		Labor Force	Occupational	Annual	Occupational	Median	Typical Education	Work Experience	Typical on-the-job
		2018	2028	Numeric	Percent	Exits	Transfers	Numeric Change	2018-2028	Annual Wage ²	Needed for Entry	in a related	training needed to
29-2021	Dental Hygienists	4,710	5,549	839	17.81	214	130	84	428	\$92,510	Associate's degree	None	None
29-2031	Cardiovascular Technologists and Technicians	765	856	91	11.90	20	24	9	53	\$53,890	Associate's degree	None	None
29-2032	Diagnostic Medical Sonographers	1,086	1,368	282	25.97	30	37	28	95	\$85,490	Associate's degree	None	None
29-2033	Nuclear Medicine Technologists	282	315	33	11.70	7	9	3	19	\$83,380	Associate's degree	None	None
29-2034	Radiologic Technologists	4,058	4,458	400	9.86	105	129	40	274	\$72,550	Associate's degree	None	None
29-2035	Magnetic Resonance Imaging Technologists	613	713	100	16.31	16	20	10	46	\$85,600	Associate's degree	Less than 5 years	None
29-2041	Emergency Medical Technicians and Paramedics	4,971	5,357	386	7.77	92	251	39	382	\$48,660	Postsecondary non-deg	None	None
29-2051	Dietetic Technicians	612	682	70	11.44	19	34	7	60	\$31,480	Associate's degree	None	None
29-2052	Pharmacy Technicians	6,026	6,546	520	8.63	182	325	52	559	\$35,120	HS diploma or equivalent	None	Moderate-term OJT
29-2053	Psychiatric Technicians	1,346	1,550	204	15.16	42	75	20	137	\$36,050	Postsecondary non-deg	Less than 5 years	Short-term OJT
29-2054	Respiratory Therapy Technicians	110	50	-60	-54.55	2	4	-6	0	\$72,060	Associate's degree	None	None
29-2055	Surgical Technologists	1,545	1,723	178	11.52	47	84	18	149	\$60,130	Postsecondary non-deg	None	None
29-2056	Veterinary Technologists and Technicians	798	876	78	9.77	24	43	8	75	\$37,330	Associate's degree	None	None
29-2057	Ophthalmic Medical Technicians	888	1,052	164	18.47	28	50	16	94	\$40,830	Postsecondary non-deg	None	None
29-2061	Licensed Practical and Licensed Vocational Nurses	14,237	15,685	1,448	10.17	508	632	145	1,285	\$51,390	Postsecondary non-deg	None	None
29-2071	Medical Records and Health Information Technicians	4,761	5,346	585	12.29	149	173	58	380	\$44,120	Postsecondary non-deg	None	None
29-2081	Opticians, Dispensing	2,013	2,243	230	11.43	84	84	23	191	\$48,360	HS diploma or equivalent	None	Long-term OJT
29-2091	Orthotists and Prosthetists	208	215	7	3.37	6	9	1	16	\$70,170	Master's degree	None	Internship/residency
29-2092	Hearing Aid Specialists	40	47	7	17.50	1	2	1	4	\$37,990	HS diploma or equivalent	None	Moderate-term OJT
29-2099	Health Technologists and Technicians, All Other	2,734	2,992	258	9.44	78	116	26	220	\$48,910	Postsecondary non-deg	None	None
29-9011	Occupational Health and Safety Specialists	3,210	3,396	186	5.79	76	110	19	205	\$85,390	Bachelor's degree	None	None
29-9012	Occupational Health and Safety Technicians	599	651	52	8.68	14	21	5	40	\$59,610	HS diploma or equivalent	None	Moderate-term OJT
29-9091	Athletic Trainers	394	469	75	19.04	10	14	8	32	\$53,850	Bachelor's degree	None	None
29-9092	Genetic Counselors	52	68	16	30.77	1	2	2	5	\$84,690	Master's degree	None	None
29-9099	Healthcare Practitioners and Technical Workers, All Other	1,371	1,418	47	3.43	32	46	5	83	\$106,670	Postsecondary non-deg	None	None
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific	11,695	12,556	861	7.36	369	903	86	1,358	\$91,920	Bachelor's degree	None	Moderate-term OJT
41-9031	Sales Engineers	1,630	1,914	284	17.42	42	154	28	224	\$129,780	Bachelor's degree	None	Moderate-term OJT

Notes: ¹Washington-Arlington-Alexandria DC-VA-MD-WV Metropolitan Statistical Area Occupational Projections, 2018 - 2028

²Bureau of Labor Statistics, Occupational Employment Statistics (OES), May 2018 OES survey

³STEM occupations compiled from O*NET online: <https://www.onetonline.org>

*Suppressed

DCMSA STEM projections compiled by Dr. John N. Kangethe, Department of Employment Services, Office of Economic Research, Performance & Data Analytics