

Table 7: WASHINGTON-ARLINGTON-ALEXANDRIA DC-VA-MD-WV METROPOLITAN STATISTICAL AREA fastest growing occupations, 2018 and projected 2028¹

Soccode	Occupational Title	Employment		Percent Change (%)	Annual Median Wage ²	Typical Education Needed for Entry	Work Experience in a related occupation	Typical OJT needed to attain competency
		2018	2028					
00-0000	Total, All Occupations	3,491,804	3,783,902	8.37	\$54,680			
47-2231	Solar Photovoltaic Installers	178	309	73.6	N/A	HS diploma or equivalent	None	Long-term OJT
51-9198	Helpers--Production Workers	1,659	2,294	38.28	\$25,070	HS diploma or equivalent	None	None
29-1071	Physician Assistants	2,194	2,922	33.18	\$108,940	Master's degree	None	None
15-1132	Software Developers, Applications	36,186	47,919	32.42	\$115,360	Bachelor's degree	None	Short-term OJT
39-9021	Personal Care Aides	26,838	35,457	32.11	\$27,020	HS diploma or equivalent	None	None
15-1122	Information Security Analysts	6,919	9,112	31.7	\$113,200	Bachelor's degree	Less than 5 years	None
29-1171	Nurse Practitioners	3,073	4,046	31.66	\$111,850	Master's degree	None	None
15-2041	Statisticians	2,520	3,300	30.95	\$106,250	Master's degree	None	None
29-9092	Genetic Counselors	52	68	30.77	\$84,690	Master's degree	None	None
25-1072	Nursing Instructors and Teachers, Postsecondary	671	874	30.25	\$99,720	Doctoral or professional degree	Less than 5 years	None
25-1071	Health Specialties Teachers, Postsecondary	2,888	3,748	29.78	\$91,250	Doctoral or professional degree	Less than 5 years	None
31-2011	Occupational Therapy Assistants	533	688	29.08	\$69,480	Associate's degree	None	None
15-2031	Operations Research Analysts	3,222	4,140	28.49	\$105,760	Bachelor's degree	None	Short-term OJT
53-6061	Transportation Attendants, Except Flight Attendants	664	853	28.46	\$39,500	HS diploma or equivalent	None	None
31-9092	Medical Assistants	11,101	14,146	27.43	\$37,420	Postsecondary non-degree award	None	Short-term OJT
31-1011	Home Health Aides	17,817	22,695	27.38	\$27,920	HS diploma or equivalent	None	Moderate-term OJT
47-5071	Roustabouts, Oil and Gas	93	118	26.88	N/A	No formal educational credential	None	Moderate-term OJT
47-5021	Earth Drillers, Except Oil and Gas	227	288	26.87	\$47,330	HS diploma or equivalent	None	Short-term OJT
53-3041	Taxi Drivers and Chauffeurs	8,468	10,699	26.35	\$30,450	No formal educational credential	None	None
31-9097	Phlebotomists	2,163	2,728	26.12	\$39,530	Postsecondary non-degree award	None	Long-term OJT
15-2011	Actuaries	414	522	26.09	\$104,010	Bachelor's degree	None	None
29-2032	Diagnostic Medical Sonographers	1,086	1,368	25.97	\$85,490	Associate's degree	None	None
13-1161	Market Research Analysts and Marketing Specialists	26,035	32,642	25.38	\$72,670	Bachelor's degree	None	Moderate-term OJT
33-2022	Forest Fire Inspectors and Prevention Specialists	84	105	25	N/A	HS diploma or equivalent	Less than 5 years	Internship/residency
29-1127	Speech-Language Pathologists	2,038	2,534	24.34	\$92,620	Master's degree	None	None
25-1011	Business Teachers, Postsecondary	1,095	1,358	24.02	\$87,180	Doctoral or professional degree	None	Moderate-term OJT
47-5081	Helpers--Extraction Workers	76	94	23.68	\$30,380	HS diploma or equivalent	None	None
29-1126	Respiratory Therapists	1,658	2,048	23.52	\$70,380	Associate's degree	None	None
29-1151	Nurse Anesthetists	701	865	23.4	\$182,070	Master's degree	None	Moderate-term OJT
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	43	53	23.26	\$39,910	HS diploma or equivalent	None	Long-term OJT
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	203	250	23.15	\$33,360	HS diploma or equivalent	None	Moderate-term OJT
35-2014	Cooks, Restaurant	29,209	35,907	22.93	\$28,860	No formal educational credential	Less than 5 years	Moderate-term OJT
43-4011	Brokerage Clerks	375	461	22.93	\$51,650	HS diploma or equivalent	None	Short-term OJT
31-1013	Psychiatric Aides	2,759	3,376	22.36	\$26,910	HS diploma or equivalent	None	Short-term OJT
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	5,206	6,362	22.21	\$32,850	HS diploma or equivalent	None	Moderate-term OJT
49-2098	Security and Fire Alarm Systems Installers	2,790	3,395	21.68	\$53,480	HS diploma or equivalent	None	None
23-2011	Paralegals and Legal Assistants	17,682	21,478	21.47	\$63,750	Associate's degree	None	None
31-2021	Physical Therapist Assistants	1,389	1,683	21.17	\$55,670	Associate's degree	None	None
15-2021	Mathematicians	241	292	21.16	\$143,790	Master's degree	None	None
17-2112	Industrial Engineers	2,371	2,850	20.2	\$105,010	Bachelor's degree	None	None
17-3021	Aerospace Engineering and Operations Technicians	235	282	20	\$63,230	Associate's degree	None	Short-term OJT
39-9041	Residential Advisors	3,317	3,980	19.99	\$31,210	HS diploma or equivalent	None	Moderate-term OJT
43-6013	Medical Secretaries	10,264	12,306	19.89	\$39,800	HS diploma or equivalent	None	None
25-1066	Psychology Teachers, Postsecondary	487	582	19.51	\$78,610	Doctoral or professional degree	None	None
11-3031	Financial Managers	18,671	22,260	19.22	\$152,770	Bachelor's degree	5 years or more	None
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	120	143	19.17	\$63,090	Doctoral or professional degree	None	None
29-9091	Athletic Trainers	394	469	19.04	\$53,850	Bachelor's degree	None	None
21-1018	Substance Abuse, Behavioral Disorder, and Mental Health Counselors	5,435	6,469	19.02	\$53,900	Bachelor's degree	None	Apprenticeship
47-2152	Plumbers, Pipefitters, and Steamfitters	16,543	19,658	18.83	\$56,220	HS diploma or equivalent	None	None
29-2057	Ophthalmic Medical Technicians	888	1,052	18.47	\$40,830	Postsecondary non-degree award	None	None
25-1042	Biological Science Teachers, Postsecondary	629	745	18.44	\$82,560	Doctoral or professional degree	None	Internship/residency
21-1013	Marriage and Family Therapists	906	1,071	18.21	\$54,970	Master's degree	None	Apprenticeship

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		2018	2028	Change (%)	Median Wage ²	Needed for Entry	in a related occupation	attain competency
49-9044	Millwrights	89	105	17.98	\$45,590	HS diploma or equivalent	None	None
29-2021	Dental Hygienists	4,710	5,549	17.81	\$92,510	Associate's degree	None	Short-term OJT
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	39,180	46,154	17.8	\$24,320	No formal educational credential	None	Moderate-term OJT
13-2082	Tax Preparers	2,698	3,178	17.79	\$38,660	HS diploma or equivalent	None	Short-term OJT
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	1,331	1,567	17.73	\$39,850	HS diploma or equivalent	None	None
17-1021	Cartographers and Photogrammetrists	519	611	17.73	\$90,140	Bachelor's degree	None	None
15-1151	Computer User Support Specialists	22,850	26,899	17.72	\$60,640	Some college, no degree	None	None
13-1151	Training and Development Specialists	8,469	9,969	17.71	\$75,510	Bachelor's degree	Less than 5 years	Short-term OJT
47-3016	Helpers--Roofers	271	319	17.71	\$36,390	No formal educational credential	None	None
21-1012	Educational, Guidance, School, and Vocational Counselors	3,942	4,638	17.66	\$68,030	Master's degree	None	Short-term OJT
43-5011	Cargo and Freight Agents	1,136	1,335	17.52	\$31,310	HS diploma or equivalent	None	Moderate-term OJT
29-2092	Hearing Aid Specialists	40	47	17.5	\$37,990	HS diploma or equivalent	None	Moderate-term OJT
41-9031	Sales Engineers	1,630	1,914	17.42	\$129,780	Bachelor's degree	None	None
15-1133	Software Developers, Systems Software	17,624	20,691	17.4	\$120,380	Bachelor's degree	None	None
25-1032	Engineering Teachers, Postsecondary	518	608	17.37	\$115,520	Doctoral or professional degree	None	Apprenticeship
47-2171	Reinforcing Iron and Rebar Workers	2,061	2,416	17.22	\$48,680	HS diploma or equivalent	None	Moderate-term OJT
39-6012	Concierges	3,387	3,968	17.15	\$32,200	HS diploma or equivalent	None	None
31-9091	Dental Assistants	7,755	9,072	16.98	\$47,460	Postsecondary non-degree award	None	None
15-1121	Computer Systems Analysts	24,333	28,459	16.96	\$102,050	Bachelor's degree	None	None
13-1111	Management Analysts	40,951	47,816	16.76	\$103,400	Bachelor's degree	Less than 5 years	Internship/residency
29-1066	Psychiatrists	556	649	16.73	N/A	Doctoral or professional degree	None	Moderate-term OJT
33-9021	Private Detectives and Investigators	832	970	16.59	\$70,400	HS diploma or equivalent	Less than 5 years	Moderate-term OJT
43-3021	Billing and Posting Clerks	8,826	10,285	16.53	\$44,020	HS diploma or equivalent	None	None
29-1161	Nurse Midwives	109	127	16.51	\$97,530	Master's degree	None	Short-term OJT
21-1093	Social and Human Service Assistants	11,397	13,273	16.46	\$39,340	HS diploma or equivalent	None	None
29-2035	Magnetic Resonance Imaging Technologists	613	713	16.31	\$85,600	Associate's degree	Less than 5 years	Moderate-term OJT
53-3021	Bus Drivers, Transit and Intercity	6,287	7,309	16.26	\$42,070	HS diploma or equivalent	None	Short-term OJT
47-2151	Pipelayers	1,680	1,953	16.25	\$37,380	No formal educational credential	None	Moderate-term OJT
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	31	36	16.13	\$28,330	HS diploma or equivalent	None	None
15-1134	Web Developers	6,157	7,148	16.1	\$89,320	Associate's degree	None	Short-term OJT
31-2022	Physical Therapist Aides	786	912	16.03	\$26,740	HS diploma or equivalent	None	None
25-2012	Kindergarten Teachers, Except Special Education	468	543	16.03	\$66,850	Bachelor's degree	None	None
11-3021	Computer and Information Systems Managers	16,312	18,925	16.02	\$164,200	Bachelor's degree	5 years or more	None
25-1126	Philosophy and Religion Teachers, Postsecondary	337	391	16.02	\$75,160	Doctoral or professional degree	None	None

Notes: ¹WASHINGTON-ARLINGTON-ALEXANDRIA DC-VA-MD-WV METROPOLITAN STATISTICAL AREA Long-Term Industry and Occupational Projections, 2018 - 2028

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

N/A - not available

Projections developed by Dr. John N. Kangethe, Department of Employment Services, Office of Economic Research, Performance & Data Analytics