

DISTRICT OF COLUMBIA OCCUPATIONAL PROJECTIONS, 2012 - 2022*													
Soccode	Occupational Title	Employment		Change 2012-2022		Average Annual Openings			Median Annual Wage**	Education Value	Work experience	Job Training	
		2012	2022	Numeric	Percent	Replacement	Growth	Total					
00-0000	Total, All Occupations	755,298	813,228	57,930	7.67	6,908	16,048	22,956	\$61,960				
11-0000	Management Occupations	103,982	108,908	4,926	4.74	658	2,117	2,775	\$126,240				
11-1000	Top Executives	40,407	43,576	3,169	7.84	317	776	1,093	N/A				
11-1011	Chief Executives	7,825	8,571	746	9.53	75	167	242	\$176,990	Bachelor's degree	5 years or more	None	
11-1021	General & Operations Managers	32,564	34,986	2,422	7.44	242	609	851	\$133,270	Bachelor's degree	Less than 5 years	None	
11-2000	Advertising, Marketing, Promotions, Public Relations, & Sales Managers	7,259	8,348	1,089	15.00	109	161	270	N/A				
11-2011	Advertising & Promotions Managers	512	576	64	12.50	6	16	22	\$88,130	Bachelor's degree	Less than 5 years	None	
11-2021	Marketing Managers	1,522	1,771	249	16.36	25	33	58	\$138,680	Bachelor's degree	5 years or more	None	
11-2022	Sales Managers	1,551	1,770	219	14.12	22	33	55	\$106,010	Bachelor's degree	Less than 5 years	None	
11-2031	Public Relations & Fundraising Managers	3,674	4,231	557	15.16	56	79	135	\$122,350	Bachelor's degree	5 years or more	None	
11-3000	Operations Specialties Managers	20,539	21,184	645	3.14	86	379	465	N/A				
11-3011	Administrative Services Managers	3,779	4,149	370	9.79	37	62	99	\$85,460	Bachelor's degree	Less than 5 years	None	
11-3021	Computer & Information Systems Managers	4,214	4,461	247	5.86	25	58	83	\$140,260	Bachelor's degree	5 years or more	None	
11-3031	Financial Managers	8,144	8,286	142	1.74	14	153	167	\$131,960	Bachelor's degree	5 years or more	None	
11-3051	Industrial Production Managers	35	34	-1	-2.86	0	1	1	\$95,740	Bachelor's degree	5 years or more	None	
11-3061	Purchasing Managers	1,818	1,647	-171	-9.41	0	40	40	\$126,250	Bachelor's degree	5 years or more	None	
11-3071	Transp., Storage, & Distribution Managers	406	368	-38	-9.36	0	9	9	\$127,890	HS or EQ	5 years or more	None	
11-3111	Compensation & Benefits Managers	470	504	34	7.23	3	12	15	\$88,870	Bachelor's degree	5 years or more	None	
11-3121	Human Resources Managers	1,396	1,400	4	0.29	0	37	37	\$136,130	Bachelor's degree	5 years or more	None	
11-3131	Training & Development Managers	277	335	58	20.94	6	7	13	\$83,650	Bachelor's degree	5 years or more	None	
11-9000	Other Management Occupations	35,777	35,800	23	0.06	146	801	947	N/A				
11-9021	Construction Managers	851	975	124	14.57	12	13	25	\$107,810	Bachelor's degree	None	Moderate-term OJT	
11-9031	Education Administrators, Preschool & Childcare Center/Program	411	501	90	21.90	9	11	20	\$44,550	Bachelor's degree	Less than 5 years	None	
11-9032	Education Administrators, Elementary & Secondary School	811	864	53	6.54	5	22	27	\$86,490	Master's degree	5 years or more	None	
11-9033	Education Administrators, Postsecondary	1,391	1,674	283	20.35	28	37	65	\$76,650	Master's degree	5 years or more	None	
11-9039	Education Administrators, All Other	819	838	19	2.32	2	22	24	\$100,920	Bachelor's degree	Less than 5 years	None	
11-9041	Architectural & Engineering Managers	2,234	2,146	-88	-3.94	0	55	55	\$133,260	Bachelor's degree	5 years or more	None	
11-9051	Food Service Managers	1,093	1,150	57	5.22	6	20	26	\$54,350	HS or EQ	Less than 5 years	None	
11-9081	Lodging Managers	266	294	28	10.53	3	8	11	\$61,720	HS or EQ	Less than 5 years	None	
11-9111	Medical & Health Services Managers	2,653	2,965	312	11.76	31	64	95	\$104,010	Bachelor's degree	None	None	
11-9121	Natural Sciences Managers	1,264	1,178	-86	-6.80	0	26	26	\$127,380	Bachelor's degree	5 years or more	None	
11-9131	Postmasters & Mail Superintendents	4	3	-1	-25.00	0	0	0	N/A	HS or EQ	Less than 5 years	Moderate-term OJT	
11-9141	Property, Real Estate, & Community Association Managers	1,548	1,672	124	8.01	12	35	47	\$67,590	HS or EQ	Less than 5 years	None	
11-9151	Social & Community Service Managers	1,561	1,916	355	22.74	36	32	68	\$81,240	Bachelor's degree	5 years or more	None	
11-9161	Emergency Management Directors	76	93	17	22.37	2	1	3	N/A	Bachelor's degree	5 years or more	None	
11-9199	Managers, All Other	20,795	19,531	-1,264	-6.08	0	455	455	\$126,250	HS or EQ	Less than 5 years	None	
13-0000	Business & Financial Operations Occupations	110,141	112,667	2,526	2.29	472	1,937	2,409	\$82,350				
13-1000	Business Operations Specialists	86,294	87,441	1,147	1.33	306	1,307	1,613	N/A				
13-1021	Buyers & Purchasing Agents, Farm Products	17	18	1	5.88	0	0	0	N/A	HS or EQ	None	Long-term OJT	
13-1022	Wholesale & Retail Buyers, Except Farm Products	94	104	10	10.64	1	2	3	\$37,370	HS or EQ	None	Long-term OJT	
13-1023	Purchasing Agents, Except Wholesale, Retail, & Farm Products	3,228	2,944	-284	-8.80	0	58	58	\$79,870	HS or EQ	None	Long-term OJT	
13-1031	Claims Adjusters, Examiners, & Investigators	952	921	-31	-3.26	0	22	22	\$74,860	HS or EQ	None	Long-term OJT	
13-1041	Compliance Officers	3,064	2,864	-200	-6.53	0	57	57	\$82,670	Bachelor's degree	None	Moderate-term OJT	
13-1051	Cost Estimators	231	260	29	12.55	3	7	10	\$65,180	Bachelor's degree	None	None	
13-1071	Human Resources Specialists	8,050	7,912	-138	-1.71	0	147	147	\$88,990	Bachelor's degree	None	None	
13-1081	Logisticians	1,042	1,217	175	16.79	18	12	30	\$96,790	Bachelor's degree	None	None	
13-1111	Management Analysts	19,986	20,107	121	0.61	12	310	322	\$88,550	Bachelor's degree	Less than 5 years	None	
13-1121	Meeting, Convention, & Event Planners	2,229	3,000	771	34.59	77	31	108	\$60,350	Bachelor's degree	None	None	
13-1141	Compensation, Benefits, & Job Analysis Specialists	1,038	1,179	141	13.58	14	19	33	\$69,990	Bachelor's degree	None	None	
13-1151	Training & Development Specialists	1,307	1,539	232	17.75	23	24	47	\$65,110	Bachelor's degree	Less than 5 years	None	
13-1161	Market Research Analysts & Marketing Specialists	4,480	6,056	1,576	35.18	158	61	219	\$61,410	Bachelor's degree	None	None	
13-1199	Business Operations Specialists, All Other	40,551	39,288	-1,263	-3.11	0	556	556	\$86,960	HS or EQ	None	None	
13-2000	Financial Specialists	23,847	25,226	1,379	5.78	166	630	796	N/A				

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		2012	2022	Numeric	Percent	Replacement	Growth	Total				
13-2011	Accountants & Auditors	12,046	12,785	739	6.13	74	356	430	\$80,890	Bachelor's degree	None	None
13-2021	Appraisers & Assessors of Real Estate	175	171	-4	-2.29	0	2	2	\$92,010	Bachelor's degree	None	Long-term OJT
13-2031	Budget Analysts	2,621	2,682	61	2.33	6	105	111	\$89,030	Bachelor's degree	None	None
13-2041	Credit Analysts	419	476	57	13.60	6	10	16	\$74,550	Bachelor's degree	None	None
13-2051	Financial Analysts	2,752	3,304	552	20.06	55	67	122	\$88,700	Bachelor's degree	None	None
13-2052	Personal Financial Advisors	454	614	160	35.24	16	7	23	\$66,930	Bachelor's degree	None	None
13-2053	Insurance Underwriters	169	162	-7	-4.14	0	5	5	\$57,370	Bachelor's degree	None	Moderate-term OJT
13-2061	Financial Examiners	517	520	3	0.58	0	13	13	\$137,310	Bachelor's degree	None	Moderate-term OJT
13-2072	Loan Officers	613	662	49	7.99	5	11	16	\$62,290	Bachelor's degree	None	Moderate-term OJT
13-2081	Tax Examiners & Collectors, & Revenue Agents	341	319	-22	-6.45	0	12	12	N/A	Bachelor's degree	None	Moderate-term OJT
13-2082	Tax Preparers	172	195	23	13.37	2	4	6	\$52,770	HS or EQ	None	Moderate-term OJT
13-2099	Financial Specialists, All Other	3,473	3,224	-249	-7.17	0	36	36	\$82,360	Bachelor's degree	None	Moderate-term OJT
15-0000	Computer & Mathematical Occupations	38,275	44,022	5,747	15.02	669	659	1,328	\$92,010			
15-1100	Computer Occupations	34,885	39,961	5,076	14.55	602	570	1,172	N/A			
15-1111	Computer & Information Research Scientists	363	394	31	8.54	3	6	9	\$115,220	PhD or prof. degree	None	None
15-1121	Computer Systems Analysts	3,382	4,438	1,056	31.22	106	53	159	\$92,040	Bachelor's degree	None	None
15-1131	Computer Programmers	2,805	3,204	399	14.22	40	73	113	\$91,160	Bachelor's degree	None	None
15-1132	Software Developers, Applications	2,533	3,372	839	33.12	84	32	116	\$97,840	Bachelor's degree	None	None
15-1133	Software Developers, Systems Software	1,547	2,024	477	30.83	48	20	68	\$91,470	Bachelor's degree	None	None
15-1134	Web Developers	2,872	3,766	894	31.13	89	45	134	\$76,530	Associate's degree	None	None
15-1141	Database Administrators	1,545	1,935	390	25.24	39	29	68	\$81,650	Bachelor's degree	Less than 5 years	None
15-1142	Network & Computer Systems Administrators	4,177	5,012	835	19.99	84	66	150	\$87,180	Bachelor's degree	None	None
15-1151	Computer User Support Specialists	4,807	5,907	1,100	22.88	110	76	186	\$60,360	Some college, no degree	None	Moderate-term OJT
15-1199	Computer Occupations, All Other	10,854	9,909	-945	-8.71	0	171	171	\$108,000	Bachelor's degree	None	None
15-2000	Mathematical Science Occupations	3,390	4,061	671	19.79	67	88	155	N/A			
15-2011	Actuaries	347	373	26	7.49	3	10	13	\$109,820	Bachelor's degree	None	Long-term OJT
15-2031	Operations Research Analysts	1,851	2,436	585	31.60	58	42	100	\$94,960	Bachelor's degree	None	None
15-2041	Statisticians	1,090	1,149	59	5.41	6	34	40	\$103,870	Master's degree	None	None
17-0000	Architecture & Engineering Occupations	15,036	15,748	712	4.74	113	334	447	\$95,420			
17-1000	Architects, Surveyors, & Cartographers	1,949	2,282	333	17.09	33	46	79	N/A			
17-1011	Architects, Except Landscape & Naval	1,725	2,043	318	18.43	32	41	73	\$88,380	Bachelor's degree	None	Internship/residency
17-1012	Landscape Architects	100	111	11	11.00	1	2	3	\$88,420	Bachelor's degree	None	Internship/residency
17-1022	Surveyors	101	104	3	2.97	0	2	2	\$68,890	Bachelor's degree	Less than 5 years	None
17-2000	Engineers	10,723	11,047	324	3.02	65	243	308	N/A			
17-2011	Aerospace Engineers	465	496	31	6.67	3	11	14	\$129,770	Bachelor's degree	None	None
17-2031	Biomedical Engineers	35	40	5	14.29	0	1	1	\$82,810	Bachelor's degree	None	None
17-2041	Chemical Engineers	127	116	-11	-8.66	0	3	3	\$110,220	Bachelor's degree	None	None
17-2051	Civil Engineers	967	1,079	112	11.58	11	24	35	\$72,750	Bachelor's degree	None	None
17-2061	Computer Hardware Engineers	1,407	1,708	301	21.39	30	30	60	\$107,500	Bachelor's degree	None	None
17-2071	Electrical Engineers	541	566	25	4.62	2	12	14	\$101,080	Bachelor's degree	None	None
17-2072	Electronics Engineers, Except Computer	1,050	1,047	-3	-0.29	0	23	23	\$113,860	Bachelor's degree	None	None
17-2081	Environmental Engineers	543	551	8	1.47	1	13	14	\$100,920	Bachelor's degree	None	None
17-2111	Health & Safety Engineers, Except Mining Safety Engineers & Inspectors	96	99	3	3.12	0	3	3	\$95,070	Bachelor's degree	None	None
17-2112	Industrial Engineers	353	429	76	21.53	8	10	18	\$80,710	Bachelor's degree	None	None
17-2121	Marine Engineers & Naval Architects	314	289	-25	-7.96	0	8	8	\$122,750	Bachelor's degree	None	None
17-2141	Mechanical Engineers	892	981	89	9.98	9	30	39	\$92,020	Bachelor's degree	None	None
17-2161	Nuclear Engineers	231	206	-25	-10.82	0	6	6	\$160,800	Bachelor's degree	None	None
17-2199	Engineers, All Other	3,585	3,332	-253	-7.06	0	66	66	\$129,770	Bachelor's degree	None	None
17-3000	Drafters, Engineering Technicians, & Mapping Technicians	2,364	2,419	55	2.33	15	44	59	N/A			
17-3011	Architectural & Civil Drafters	457	462	5	1.09	0	6	6	\$53,010	Associate's degree	None	None
17-3022	Civil Engineering Technicians	383	352	-31	-8.09	0	8	8	\$61,510	Associate's degree	None	None
17-3023	Electrical & Electronics Engineering Technicians	498	556	58	11.65	6	10	16	\$70,850	Associate's degree	None	None
17-3025	Environmental Engineering Technicians	30	34	4	13.33	0	1	1	N/A	Associate's degree	None	None

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17-3026	Industrial Engineering Technicians	121	152	31	25.62	3	2	5	\$49,820	Associate's degree	None	None	
17-3029	Engineering Technicians, Except Drafters, All Other	629	567	-62	-9.86	0	13	13	\$81,210	Associate's degree	None	None	
19-0000	Life, Physical, & Social Science Occupations	23,494	23,854	360	1.53	103	590	693	\$92,330				
19-1000	Life Scientists	1,460	1,400	-60	-4.11	2	39	41	N/A				
19-1013	Soil & Plant Scientists	115	106	-9	-7.83	0	4	4	N/A	Bachelor's degree	None	None	
19-1022	Microbiologists	112	104	-8	-7.14	0	3	3	\$105,740	Bachelor's degree	None	None	
19-1023	Zoologists & Wildlife Biologists	133	120	-13	-9.77	0	4	4	\$97,940	Bachelor's degree	None	None	
19-1029	Biological Scientists, All Other	441	396	-45	-10.20	0	13	13	\$88,540	Bachelor's degree	None	None	
19-1031	Conservation Scientists	183	188	5	2.73	0	5	5	\$83,890	Bachelor's degree	None	None	
19-1041	Epidemiologists	19	22	3	15.79	0	0	0	N/A	Master's degree	None	None	
19-1042	Medical Scientists, Except Epidemiologists	362	364	2	0.55	0	8	8	\$92,350	PhD or prof. degree	None	None	
19-2000	Physical Scientists	4,298	4,072	-226	-5.26	2	112	114	N/A				
19-2011	Astronomers	183	180	-3	-1.64	0	4	4	\$94,970	PhD or prof. degree	None	None	
19-2012	Physicists	658	605	-53	-8.05	0	16	16	\$115,980	PhD or prof. degree	None	None	
19-2031	Chemists	450	412	-38	-8.44	0	12	12	\$109,810	Bachelor's degree	None	None	
19-2032	Materials Scientists	22	21	-1	-4.55	0	1	1	N/A	Bachelor's degree	None	None	
19-2041	Environmental Scientists & Specialists, Including Health	1,832	1,756	-76	-4.15	0	54	54	\$112,780	Bachelor's degree	None	None	
19-2042	Geoscientists, Except Hydrologists & Geographers	105	115	10	9.52	1	3	4	\$123,510	Bachelor's degree	None	None	
19-2099	Physical Scientists, All Other	934	854	-80	-8.57	0	19	19	\$122,870	Bachelor's degree	None	None	
19-3000	Social Scientists & Related Workers	15,219	15,595	376	2.47	68	342	410	N/A				
19-3011	Economists	5,240	5,134	-106	-2.02	0	156	156	\$109,810	Master's degree	None	None	
19-3022	Survey Researchers	570	623	53	9.30	5	8	13	\$60,340	Master's degree	None	None	
19-3031	Clinical, Counseling, & School Psychologists	497	546	49	9.86	5	14	19	\$74,870	PhD or prof. degree	None	Internship/residency	
19-3039	Psychologists, All Other	235	252	17	7.23	2	6	8	\$90,270	Master's degree	None	Internship/residency	
19-3041	Sociologists	541	615	74	13.68	7	15	22	\$102,530	Master's degree	None	None	
19-3051	Urban & Regional Planners	234	245	11	4.70	1	10	11	\$103,870	Master's degree	None	None	
19-3091	Anthropologists & Archeologists	62	60	-2	-3.23	0	1	1	\$89,850	Master's degree	None	None	
19-3093	Historians	586	583	-3	-0.51	0	10	10	N/A	Master's degree	None	None	
19-3094	Political Scientists	3,481	3,915	434	12.47	43	58	101	\$115,730	Master's degree	None	None	
19-3099	Social Scientists & Related Workers, All Other	3,667	3,477	-190	-5.18	0	61	61	\$87,350	Bachelor's degree	None	None	
19-4000	Life, Physical, & Social Science Technicians	2,517	2,787	270	10.73	31	96	127	N/A				
19-4021	Biological Technicians	163	166	3	1.84	0	5	5	\$42,210	Bachelor's degree	None	None	
19-4031	Chemical Technicians	68	81	13	19.12	1	2	3	\$42,660	Associate's degree	None	Moderate-term OJT	
19-4061	Social Science Research Assistants	1,656	1,920	264	15.94	26	65	91	\$41,680	Associate's degree	None	None	
19-4091	Environmental Science & Protection Technicians, Including Health	114	141	27	23.68	3	4	7	\$25,680	Associate's degree	None	None	
19-4092	Forensic Science Technicians	108	103	-5	-4.63	0	4	4	\$67,900	Bachelor's degree	None	Moderate-term OJT	
19-4099	Life, Physical, & Social Science Technicians, All Other	381	349	-32	-8.40	0	15	15	\$52,050	Associate's degree	None	None	
21-0000	Community & Social Service Occupations	10,626	12,461	1,835	17.27	184	245	429	\$47,350				
21-1000	Counselors, Social Workers, & Other Community & Social Service Specialists	10,078	11,870	1,792	17.78	180	231	411	N/A				
21-1011	Substance Abuse & Behavioral Disorder Counselors	371	492	121	32.61	12	8	20	\$42,810	HS or EQ	None	Moderate-term OJT	
21-1012	Educational, Guidance, School, & Vocational Counselors	1,529	1,778	249	16.29	25	32	57	\$58,380	Master's degree	None	None	
21-1014	Mental Health Counselors	355	419	64	18.03	6	8	14	\$39,420	Master's degree	None	Internship/residency	
21-1015	Rehabilitation Counselors	688	828	140	20.35	14	15	29	\$29,830	Master's degree	None	None	
21-1021	Child, Family, & School Social Workers	1,786	2,178	392	21.95	39	38	77	\$53,420	Bachelor's degree	None	None	
21-1022	Healthcare Social Workers	370	442	72	19.46	7	8	15	\$64,760	Master's degree	None	None	
21-1023	Mental Health & Substance Abuse Social Workers	783	884	101	12.90	10	17	27	\$51,940	Bachelor's degree	None	None	
21-1029	Social Workers, All Other	635	682	47	7.40	5	13	18	\$64,520	Bachelor's degree	None	None	
21-1091	Health Educators	754	827	73	9.68	7	20	27	\$74,740	Bachelor's degree	None	None	
21-1092	Probation Officers & Correctional Treatment Specialists	99	94	-5	-5.05	0	3	3	\$51,190	Bachelor's degree	None	Short-term OJT	
21-1093	Social & Human Service Assistants	1,511	1,828	317	20.98	32	40	72	\$40,950	HS or EQ	None	Short-term OJT	
21-1099	Community & Social Service Specialists, All Other	1,161	1,371	210	18.09	21	30	51	\$36,000	Master's degree	None	None	
21-2000	Religious Workers	548	591	43	7.85	4	14	18	N/A				
21-2011	Clergy	325	348	23	7.08	2	7	9	\$68,990	Bachelor's degree	None	Moderate-term OJT	

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		2012	2022	Numeric	Percent	Replacement	Growth	Total					
21-2021	Directors, Religious Activities & Education	174	190	16	9.20	2	6	8	N/A				
23-0000	Legal Occupations	44,130	46,415	2,285	5.18	238	709	947	\$136,780	Bachelor's degree	Less than 5 years	None	
23-1000	Lawyers, Judges, & Related Workers	34,327	35,902	1,575	4.59	162	550	712	N/A				
23-1011	Lawyers	33,457	35,040	1,583	4.73	158	536	694	\$155,480	PhD or prof. degree	None	None	
23-1012	Judicial Law Clerks	320	348	28	8.75	3	5	8	N/A	PhD or prof. degree	None	None	
23-1021	Administrative Law Judges, Adjudicators, & Hearing Officers	425	385	-40	-9.41	0	7	7	N/A	PhD or prof. degree	Less than 5 years	Short-term OJT	
23-1022	Arbitrators, Mediators, & Conciliators	125	129	4	3.20	0	2	2	\$81,090	Bachelor's degree	Less than 5 years	Moderate-term OJT	
23-2000	Legal Support Workers	9,803	10,513	710	7.24	77	159	236	N/A				
23-2011	Paralegals & Legal Assistants	7,391	8,074	683	9.24	68	120	188	\$66,740	Associate's degree	None	None	
23-2091	Court Reporters	316	399	83	26.27	8	5	13	N/A	Postsecondary non-degree	None	Short-term OJT	
23-2099	Legal Support Workers, All Other	2,053	1,994	-59	-2.87	0	33	33	\$59,980	HS or EQ	None	Short-term OJT	
25-0000	Education, Training, & Library Occupations	36,240	41,212	4,972	13.72	501	680	1,181	\$56,250				
25-1000	Postsecondary Teachers	13,944	16,876	2,932	21.03	293	210	503	N/A				
25-1011	Business Teachers, Postsecondary	1,059	1,242	183	17.28	18	16	34	\$106,930	PhD or prof. degree	None	None	
25-1021	Computer Science Teachers, Postsecondary	262	302	40	15.27	4	4	8	\$102,310	PhD or prof. degree	None	None	
25-1022	Mathematical Science Teachers, Postsecondary	350	403	53	15.14	5	5	10	\$81,660	PhD or prof. degree	None	None	
25-1031	Architecture Teachers, Postsecondary	390	449	59	15.13	6	6	12	N/A	PhD or prof. degree	None	None	
25-1032	Engineering Teachers, Postsecondary	377	423	46	12.20	5	6	11	\$97,910	PhD or prof. degree	None	None	
25-1042	Biological Science Teachers, Postsecondary	254	307	53	20.87	5	4	9	\$89,640	PhD or prof. degree	None	None	
25-1052	Chemistry Teachers, Postsecondary	125	145	20	16.00	2	2	4	\$85,730	PhD or prof. degree	None	None	
25-1054	Physics Teachers, Postsecondary	126	145	19	15.08	2	2	4	\$80,470	PhD or prof. degree	None	None	
25-1061	Anthropology & Archeology Teachers, Postsecondary	91	103	12	13.19	1	1	2	\$80,190	PhD or prof. degree	None	None	
25-1062	Area, Ethnic, & Cultural Studies Teachers, Postsecondary	101	117	16	15.84	2	2	4	\$45,160	PhD or prof. degree	None	None	
25-1063	Economics Teachers, Postsecondary	246	284	38	15.45	4	4	8	\$88,430	PhD or prof. degree	None	None	
25-1065	Political Science Teachers, Postsecondary	807	934	127	15.74	13	12	25	\$60,680	PhD or prof. degree	None	None	
25-1066	Psychology Teachers, Postsecondary	298	345	47	15.77	5	4	9	\$77,860	PhD or prof. degree	None	None	
25-1067	Sociology Teachers, Postsecondary	153	175	22	14.38	2	2	4	\$73,540	PhD or prof. degree	None	None	
25-1071	Health Specialties Teachers, Postsecondary	2,754	3,755	1,001	36.35	100	41	141	\$112,980	PhD or prof. degree	Less than 5 years	None	
25-1072	Nursing Instructors & Teachers, Postsecondary	577	801	224	38.82	22	9	31	\$60,120	Master's degree	Less than 5 years	None	
25-1081	Education Teachers, Postsecondary	386	450	64	16.58	6	6	12	\$60,100	PhD or prof. degree	None	None	
25-1082	Library Science Teachers, Postsecondary	39	44	5	12.82	0	1	1	\$40,120	PhD or prof. degree	None	None	
25-1111	Criminal Justice & Law Enforcement Teachers, Postsecondary	192	226	34	17.71	3	3	6	N/A	PhD or prof. degree	None	None	
25-1112	Law Teachers, Postsecondary	970	1,143	173	17.84	17	15	32	\$71,010	PhD or prof. degree	None	None	
25-1113	Social Work Teachers, Postsecondary	261	297	36	13.79	4	4	8	\$69,680	PhD or prof. degree	None	None	
25-1121	Art, Drama, & Music Teachers, Postsecondary	705	837	132	18.72	13	11	24	\$59,030	Master's degree	None	None	
25-1122	Communications Teachers, Postsecondary	475	546	71	14.95	7	7	14	\$72,500	PhD or prof. degree	None	None	
25-1123	English Language & Literature Teachers, Postsecondary	672	776	104	15.48	10	10	20	\$57,140	PhD or prof. degree	None	None	
25-1124	Foreign Language & Literature Teachers, Postsecondary	368	434	66	17.93	7	6	13	\$52,210	PhD or prof. degree	None	None	
25-1125	History Teachers, Postsecondary	270	312	42	15.56	4	4	8	\$76,380	PhD or prof. degree	None	None	
25-1126	Philosophy & Religion Teachers, Postsecondary	282	341	59	20.92	6	4	10	\$68,110	PhD or prof. degree	None	None	
25-1191	Graduate Teaching Assistants	600	661	61	10.17	6	9	15	N/A	Bachelor's degree	None	None	
25-1193	Recreation & Fitness Studies Teachers, Postsecondary	90	104	14	15.56	1	1	2	\$45,000	PhD or prof. degree	None	None	
25-1194	Vocational Education Teachers, Postsecondary	223	274	51	22.87	5	3	8	\$71,220	Bachelor's degree	Less than 5 years	None	
25-1199	Postsecondary Teachers, All Other	271	312	41	15.13	4	4	8	\$50,120	PhD or prof. degree	None	None	
25-2000	Preschool, Primary, Secondary, & Special Education School Teachers	7,141	8,106	965	13.51	96	171	267	N/A				
25-2011	Preschool Teachers, Except Special Education	1,298	1,591	293	22.57	29	36	65	\$28,650	Associate's degree	None	None	
25-2012	Kindergarten Teachers, Except Special Education	261	301	40	15.33	4	7	11	\$41,890	Bachelor's degree	None	Internship/residency	
25-2021	Elementary School Teachers, Except Special Education	2,556	2,912	356	13.93	36	56	92	\$58,880	Bachelor's degree	None	Internship/residency	
25-2022	Middle School Teachers, Except Special & Career/Tech. Education	664	748	84	12.65	8	15	23	\$56,360	Bachelor's degree	None	Internship/residency	
25-2031	Secondary School Teachers, Except Special & Career/Tech. Education	1,580	1,672	92	5.82	9	43	52	\$53,470	Bachelor's degree	None	Internship/residency	
25-2052	Special Education Teachers, Kindergarten & Elementary School	385	462	77	20.00	8	7	15	\$56,520	Bachelor's degree	None	Internship/residency	
25-2053	Special Education Teachers, Middle School	133	141	8	6.02	1	2	3	\$48,660	Bachelor's degree	None	Internship/residency	
25-2054	Special Education Teachers, Secondary School	224	237	13	5.80	1	4	5	\$55,790	Bachelor's degree	None	Internship/residency	

DISTRICT OF COLUMBIA OCCUPATIONAL PROJECTIONS, 2012 - 2022*													
Soccode	Occupational Title	Employment		Change 2012-2022		Average Annual Openings			Median Annual Wage**	Education Value	Work experience	Job Training	
		2012	2022	Numeric	Percent	Replacement	Growth	Total					
25-3000	Other Teachers & Instructors	5,786	6,251	465	8.04	46	99	145	N/A				
25-3011	Adult Basic & Secondary Education & Literacy Teachers & Instructors	189	225	36	19.05	4	3	7	\$52,820	Bachelor's degree	None	Internship/residency	
25-3021	Self-Enrichment Education Teachers	801	1,006	205	25.59	20	14	34	\$53,220	HS or EQ	Less than 5 years	None	
25-3099	Teachers & Instructors, All Other	4,796	5,020	224	4.67	22	82	104	\$68,370	Bachelor's degree	None	Internship/residency	
25-4000	Librarians, Curators, & Archivists	3,235	3,269	34	1.05	7	94	101	N/A				
25-4011	Archivists	142	142	0	0.00	0	3	3	\$79,870	Master's degree	None	None	
25-4012	Curators	216	215	-1	-0.46	0	5	5	\$60,860	Master's degree	None	None	
25-4013	Museum Technicians & Conservators	882	848	-34	-3.85	0	19	19	\$51,640	Bachelor's degree	None	None	
25-4021	Librarians	1,285	1,315	30	2.33	3	29	32	\$71,220	Master's degree	None	None	
25-4031	Library Technicians	710	749	39	5.49	4	38	42	\$42,830	Postsecondary non-degree	None	None	
25-9000	Other Education, Training, & Library Occupations	6,134	6,710	576	9.39	58	105	163	N/A				
25-9031	Instructional Coordinators	1,915	2,066	151	7.89	15	16	31	\$71,980	Master's degree	5 years or more	None	
25-9041	Teacher Assistants	3,728	4,150	422	11.32	42	85	127	\$26,680	Some college, no degree	None	None	
25-9099	Education, Training, & Library Workers, All Other	432	429	-3	-0.69	0	4	4	\$49,560	Bachelor's degree	None	None	
27-0000	Arts, Design, Entertainment, Sports, & Media Occupations	31,274	34,140	2,866	9.16	320	686	1,006	\$72,220				
27-1000	Art & Design Workers	5,239	5,427	188	3.59	36	132	168	N/A				
27-1011	Art Directors	301	355	54	17.94	5	7	12	\$91,470	Bachelor's degree	5 years or more	None	
27-1013	Fine Artists, Including Painters, Sculptors, & Illustrators	21	21	0	0.00	0	0	0	N/A	HS or EQ	None	Long-term OJT	
27-1014	Multimedia Artists & Animators	112	132	20	17.86	2	3	5	\$72,330	Bachelor's degree	None	Moderate-term OJT	
27-1019	Artists & Related Workers, All Other	2,012	1,861	-151	-7.50	0	48	48	\$84,860	HS or EQ	None	Long-term OJT	
27-1021	Commercial & Industrial Designers	13	15	2	15.38	0	0	0	\$67,480	Bachelor's degree	None	None	
27-1023	Floral Designers	71	58	-13	-18.31	0	2	2	\$23,250	HS or EQ	None	Moderate-term OJT	
27-1024	Graphic Designers	1,695	1,821	126	7.43	13	45	58	\$66,340	Bachelor's degree	None	None	
27-1025	Interior Designers	597	718	121	20.27	12	16	28	\$59,170	Bachelor's degree	None	None	
27-1026	Merch&ise Displays & Window Trimmers	195	221	26	13.33	3	5	8	\$29,170	HS or EQ	None	Moderate-term OJT	
27-1027	Set & Exhibit Designers	193	187	-6	-3.11	0	5	5	\$70,800	Bachelor's degree	None	None	
27-2000	Entertainers & Performers, Sports & Related Workers	3,948	4,549	601	15.22	60	125	185	N/A				
27-2011	Actors	618	753	135	21.84	14	20	34	N/A	Some college, no degree	None	Long-term OJT	
27-2012	Producers & Directors	2,209	2,437	228	10.32	23	75	98	\$89,300	Bachelor's degree	Less than 5 years	None	
27-2021	Athletes & Sports Competitors	115	151	36	31.30	4	3	7	N/A	HS or EQ	None	Long-term OJT	
27-2022	Coaches & Scouts	594	719	125	21.04	12	18	30	\$40,360	Bachelor's degree	None	None	
27-2041	Music Directors & Composers	124	146	22	17.74	2	3	5	\$54,040	Bachelor's degree	Less than 5 years	None	
27-2042	Musicians & Singers	110	139	29	26.36	3	3	6	N/A	HS or EQ	None	Long-term OJT	
27-2099	Entertainers & Performers, Sports & Related Workers, All Other	110	126	16	14.55	2	1	3	N/A	HS or EQ	None	None	
27-3000	Media & Communication Workers	19,724	21,751	2,027	10.28	214	394	608	N/A				
27-3011	Radio & Television Announcers	205	213	8	3.90	1	4	5	N/A	Bachelor's degree	None	None	
27-3021	Broadcast News Analysts	321	342	21	6.54	2	11	13	\$66,740	Bachelor's degree	None	None	
27-3022	Reporters & Correspondents	1,954	1,844	-110	-5.63	0	66	66	\$64,680	Bachelor's degree	None	None	
27-3031	Public Relations Specialists	9,453	10,736	1,283	13.57	128	130	258	\$78,220	Bachelor's degree	None	None	
27-3041	Editors	3,451	3,673	222	6.43	22	84	106	\$70,950	Bachelor's degree	Less than 5 years	None	
27-3042	Tech. Writers	1,129	1,283	154	13.64	15	35	50	\$63,580	Bachelor's degree	Less than 5 years	Short-term OJT	
27-3043	Writers & Authors	2,605	2,884	279	10.71	28	56	84	\$84,820	Bachelor's degree	None	Moderate-term OJT	
27-3091	Interpreters & Translators	414	559	145	35.02	14	6	20	\$37,860	Bachelor's degree	None	Short-term OJT	
27-3099	Media & Communication Workers, All Other	180	202	22	12.22	2	2	4	\$64,220	HS or EQ	None	Short-term OJT	
27-4000	Media & Communication Equipment Workers	2,363	2,413	50	2.12	11	34	45	N/A				
27-4011	Audio & Video Equipment Technicians	439	528	89	20.27	9	8	17	\$45,300	Postsecondary non-degree	None	Short-term OJT	
27-4012	Broadcast Technicians	564	569	5	0.89	0	10	10	\$63,800	Associate's degree	None	Short-term OJT	
27-4013	Radio Operators	87	87	0	0.00	0	2	2	\$50,910	HS or EQ	None	Short-term OJT	
27-4014	Sound Engineering Technicians	108	120	12	11.11	1	2	3	\$55,340	Postsecondary non-degree	None	Short-term OJT	
27-4021	Photographers	269	265	-4	-1.49	0	3	3	\$68,950	HS or EQ	None	Long-term OJT	
27-4031	Camera Operators, Television, Video, & Motion Picture	240	241	1	0.42	0	2	2	\$72,870	Bachelor's degree	None	None	
27-4032	Film & Video Editors	76	78	2	2.63	0	1	1	\$74,640	Bachelor's degree	None	None	
27-4099	Media & Communication Equipment Workers, All Other	580	525	-55	-9.48	0	7	7	\$94,400	HS or EQ	None	Short-term OJT	

DISTRICT OF COLUMBIA OCCUPATIONAL PROJECTIONS, 2012 - 2022*													
Soccode	Occupational Title	Employment		Change 2012-2022		Average Annual Openings			Median Annual Wage**	Education Value	Work experience	Job Training	
		2012	2022	Numeric	Percent	Replacement	Growth	Total					
29-0000	Healthcare Practitioners & Tech. Occupations	29,621	33,306	3,685	12.44	371	620	991	\$71,390				
29-1000	Health Diagnosing & Treating Practitioners	18,553	20,756	2,203	11.87	222	380	602	N/A				
29-1021	Dentists, General	235	290	55	23.40	6	6	12	\$96,570	PhD or prof. degree	None	None	
29-1031	Dietitians & Nutritionists	403	507	104	25.81	10	5	15	\$59,670	Bachelor's degree	None	Internship/residency	
29-1041	Optometrists	76	78	2	2.63	0	2	2	\$108,370	PhD or prof. degree	None	None	
29-1051	Pharmacists	709	792	83	11.71	8	17	25	\$115,430	PhD or prof. degree	None	None	
29-1061	Anesthesiologists	71	80	9	12.68	1	2	3	N/A	PhD or prof. degree	None	Internship/residency	
29-1062	Family & General Practitioners	433	547	114	26.33	11	11	22	\$148,110	PhD or prof. degree	None	Internship/residency	
29-1063	Internists, General	169	170	1	0.59	0	4	4	N/A	PhD or prof. degree	None	Internship/residency	
29-1065	Pediatricians, General	172	182	10	5.81	1	4	5	\$67,270	PhD or prof. degree	None	Internship/residency	
29-1066	Psychiatrists	244	260	16	6.56	2	6	8	\$126,970	PhD or prof. degree	None	Internship/residency	
29-1067	Surgeons	293	336	43	14.68	4	7	11	N/A	PhD or prof. degree	None	Internship/residency	
29-1069	Physicians & Surgeons, All Other	2,057	2,160	103	5.01	10	52	62	\$101,460	PhD or prof. degree	None	Internship/residency	
29-1071	Physician Assistants	591	690	99	16.75	10	11	21	\$75,900	Master's degree	None	None	
29-1081	Podiatrists	14	19	5	35.71	0	0	0	\$107,770	PhD or prof. degree	None	Internship/residency	
29-1122	Occupational Therapists	157	184	27	17.20	3	2	5	\$83,170	Master's degree	None	None	
29-1123	Physical Therapists	389	430	41	10.54	4	10	14	\$80,610	PhD or prof. degree	None	None	
29-1124	Radiation Therapists	153	175	22	14.38	2	3	5	\$73,040	Associate's degree	None	None	
29-1125	Recreational Therapists	106	112	6	5.66	1	2	3	\$44,690	Bachelor's degree	None	None	
29-1126	Respiratory Therapists	341	361	20	5.87	2	5	7	\$56,440	Associate's degree	None	None	
29-1127	Speech-Language Pathologists	370	428	58	15.68	6	6	12	\$85,020	Master's degree	None	None	
29-1128	Exercise Physiologists	69	74	5	7.25	0	1	1	N/A	Bachelor's degree	None	None	
29-1131	Veterinarians	101	106	5	4.95	0	3	3	\$104,510	PhD or prof. degree	None	None	
29-1141	Registered Nurses	10,629	12,010	1,381	12.99	138	206	344	\$75,520	Associate's degree	None	None	
29-1181	Audiologists	75	89	14	18.67	1	2	3	\$75,000	PhD or prof. degree	None	None	
29-1199	Health Diagnosing & Treating Practitioners, All Other	602	585	-17	-2.82	0	12	12	\$99,130	Master's degree	None	None	
29-2000	Health Technologists & Technicians	9,446	10,779	1,333	14.11	133	195	328	N/A				
29-2011	Medical & Clinical Laboratory Technologists	977	1,003	26	2.66	3	26	29	\$60,980	Bachelor's degree	None	None	
29-2012	Medical & Clinical Laboratory Technicians	707	820	113	15.98	11	18	29	\$44,210	Associate's degree	None	None	
29-2021	Dental Hygienists	525	695	170	32.38	17	13	30	\$89,260	Associate's degree	None	None	
29-2031	Cardiovascular Technologists & Technicians	94	117	23	24.47	2	1	3	\$67,140	Associate's degree	None	None	
29-2032	Diagnostic Medical Sonographers	89	120	31	34.83	3	1	4	\$66,040	Associate's degree	None	None	
29-2033	Nuclear Medicine Technologists	30	33	3	10.00	0	0	0	\$84,960	Associate's degree	None	None	
29-2034	Radiologic Technologists	843	946	103	12.22	10	12	22	\$67,650	Associate's degree	None	None	
29-2041	Emergency Medical Technicians & Paramedics	1,121	1,171	50	4.46	5	31	36	\$50,700	Postsecondary non-degree	None	None	
29-2052	Pharmacy Technicians	728	814	86	11.81	9	7	16	\$37,990	HS or EQ	None	Moderate-term OJT	
29-2053	Psychiatric Technicians	461	469	8	1.74	1	5	6	\$32,510	Postsecondary non-degree	None	Short-term OJT	
29-2055	Surgical Technologists	627	814	187	29.82	19	6	25	\$45,030	Postsecondary non-degree	None	None	
29-2056	Veterinary Technologists & Technicians	57	71	14	24.56	1	1	2	\$33,780	Associate's degree	None	None	
29-2061	Licensed Practical & Licensed Vocational Nurses	1,966	2,338	372	18.92	37	48	85	\$51,560	Postsecondary non-degree	None	None	
29-2071	Medical Records & Health Information Technicians	596	665	69	11.58	7	16	23	\$43,180	Postsecondary non-degree	None	None	
29-2081	Opticians, Dispensing	191	196	5	2.62	0	6	6	\$51,260	HS or EQ	None	Long-term OJT	
29-2091	Orthotists & Prosthetists	28	34	6	21.43	1	0	1	N/A	Master's degree	None	Internship/residency	
29-2099	Health Technologists & Technicians, All Other	383	447	64	16.71	6	4	10	\$42,320	HS or EQ	None	None	
29-9000	Other Healthcare Practitioners & Tech. Occupations	1,622	1,771	149	9.19	15	44	59	N/A				
29-9011	Occupational Health & Safety Specialists	481	486	5	1.04	0	13	13	\$85,720	Bachelor's degree	None	Short-term OJT	
29-9012	Occupational Health & Safety Technicians	153	156	3	1.96	0	4	4	\$42,110	HS or EQ	None	Moderate-term OJT	
29-9091	Athletic Trainers	50	56	6	12.00	1	1	2	\$52,500	Bachelor's degree	None	None	
29-9099	Healthcare Practitioners & Tech. Workers, All Other	938	1,073	135	14.39	14	26	40	\$41,650	Bachelor's degree	None	None	
31-0000	Healthcare Support Occupations	11,604	15,019	3,415	29.43	342	222	564	\$29,440				
31-1000	Nursing, Psychiatric, & Home Health Aides	7,877	10,768	2,891	36.70	289	150	439	N/A				
31-1011	Home Health Aides	4,156	6,421	2,265	54.50	226	79	305	\$22,770	Less than high school	None	Short-term OJT	
31-1013	Psychiatric Aides	380	404	24	6.32	2	7	9	\$24,250	HS or EQ	None	Short-term OJT	

DISTRICT OF COLUMBIA OCCUPATIONAL PROJECTIONS, 2012 - 2022*													
Soccode	Occupational Title	Employment		Change 2012-2022		Average Annual Openings			Median Annual Wage**	Education Value	Work experience	Job Training	
		2012	2022	Numeric	Percent	Replacement	Growth	Total					
31-1015	Orderlies	3,341	3,943	602	18.02	60	64	124	\$29,060	HS or EQ	None	Short-term OJT	
31-2000	Occupational Therapy & Physical Therapist Assistants & Aides	239	271	32	13.39	3	6	9	N/A				
31-2011	Occupational Therapy Assistants	22	27	5	22.73	0	1	1	\$52,060	Associate's degree	None	None	
31-2012	Occupational Therapy Aides	49	62	13	26.53	1	1	2	\$31,090	HS or EQ	None	Short-term OJT	
31-2021	Physical Therapist Assistants	89	98	9	10.11	1	2	3	\$49,780	Associate's degree	None	None	
31-2022	Physical Therapist Aides	79	84	5	6.33	0	2	2	\$27,760	HS or EQ	None	Short-term OJT	
31-9000	Other Healthcare Support Occupations	3,488	3,980	492	14.11	50	66	116	N/A				
31-9011	Massage Therapists	125	148	23	18.40	2	1	3	\$30,450	Postsecondary non-degree	None	None	
31-9091	Dental Assistants	488	582	94	19.26	9	10	19	\$42,400	Postsecondary non-degree	None	None	
31-9092	Medical Assistants	1,627	1,846	219	13.46	22	31	53	\$36,670	Postsecondary non-degree	None	None	
31-9093	Medical Equipment Preparers	73	83	10	13.70	1	1	2	\$34,540	HS or EQ	None	Moderate-term OJT	
31-9095	Pharmacy Aides	128	147	19	14.84	2	2	4	\$36,800	HS or EQ	None	Short-term OJT	
31-9096	Veterinary Assistants & Laboratory Animal Caretakers	93	99	6	6.45	1	2	3	\$25,560	HS or EQ	None	Short-term OJT	
31-9099	Healthcare Support Workers, All Other	900	1,025	125	13.89	12	17	29	\$38,610	HS or EQ	None	None	
33-0000	Protective Service Occupations	28,673	33,260	4,587	16.00	509	620	1,129	\$47,970				
33-1000	Supervisors of Protective Service Workers	2,369	2,314	-55	-2.32	8	68	76	N/A				
33-1011	1st-Line Supervisors of Correctional Officers	65	68	3	4.62	0	2	2	\$64,790	HS or EQ	Less than 5 years	Moderate-term OJT	
33-1012	1st-Line Supervisors of Police & Detectives	1,597	1,467	-130	-8.14	0	47	47	\$140,280	HS or EQ	Less than 5 years	Moderate-term OJT	
33-1021	1st-Line Supervisors of Fire Fighting & Prevention Workers	148	146	-2	-1.35	0	6	6	N/A	Postsecondary non-degree	Less than 5 years	Moderate-term OJT	
33-1099	1st-Line Supervisors of Protective Service Workers, All Other	559	633	74	13.24	7	13	20	\$54,880	HS or EQ	Less than 5 years	None	
33-2000	Fire Fighting & Prevention Workers	667	651	-16	-2.40	0	18	18	N/A				
33-2011	Firefighters	619	603	-16	-2.58	0	17	17	N/A	Postsecondary non-degree	None	Long-term OJT	
33-3000	Law Enforcement Workers	10,303	10,072	-231	-2.24	11	284	295	N/A				
33-3012	Correctional Officers & Jailers	1,347	1,460	113	8.39	11	36	47	\$44,360	HS or EQ	None	Moderate-term OJT	
33-3021	Detectives & Criminal Investigators	3,424	3,382	-42	-1.23	0	76	76	\$122,430	HS or EQ	Less than 5 years	Moderate-term OJT	
33-3041	Parking Enforcement Workers	233	234	1	0.43	0	7	7	\$45,440	HS or EQ	None	Short-term OJT	
33-3051	Police & Sheriff's Patrol Officers	5,299	4,996	-303	-5.72	0	166	166	\$65,180	HS or EQ	None	Moderate-term OJT	
33-9000	Other Protective Service Workers	15,334	20,223	4,889	31.88	490	249	739	N/A				
33-9021	Private Detectives & Investigators	321	448	127	39.56	13	9	22	\$58,500	HS or EQ	Less than 5 years	Moderate-term OJT	
33-9032	Security Guards	14,696	19,465	4,769	32.45	477	225	702	\$35,460	HS or EQ	None	Short-term OJT	
33-9091	Crossing Guards	110	112	2	1.82	0	2	2	N/A	HS or EQ	None	Short-term OJT	
33-9092	Lifeguards, Ski Patrol, & Other Recreational Protective Service Workers	33	34	1	3.03	0	2	2	\$23,670	HS or EQ	None	Short-term OJT	
33-9093	Transp. Security Screeners	22	23	1	4.55	0	0	0	N/A	HS or EQ	None	Short-term OJT	
33-9099	Protective Service Workers, All Other	150	138	-12	-8.00	0	10	10	\$52,560	HS or EQ	None	Short-term OJT	
35-0000	Food Preparation & Serving Related Occupations	48,776	53,334	4,558	9.34	456	1,818	2,274	\$22,940				
35-1000	Supervisors of Food Preparation & Serving Workers	4,814	5,315	501	10.41	50	110	160	N/A				
35-1011	Chefs & Head Cooks	2,116	2,207	91	4.30	9	34	43	\$53,710	HS or EQ	5 years or more	None	
35-1012	1st-Line Supervisors of Food Preparation & Serving Workers	2,698	3,108	410	15.20	41	76	117	\$36,680	HS or EQ	Less than 5 years	None	
35-2000	Cooks & Food Preparation Workers	12,136	13,387	1,251	10.31	125	268	393	N/A				
35-2011	Cooks, Fast Food	1,328	1,331	3	0.23	0	26	26	\$18,820	Less than high school	None	Short-term OJT	
35-2012	Cooks, Institution & Cafeteria	1,409	1,606	197	13.98	20	28	48	\$29,190	Less than high school	None	Short-term OJT	
35-2013	Cooks, Private Household	14	15	1	7.14	0	0	0	N/A	Postsecondary non-degree	Less than 5 years	None	
35-2014	Cooks, Restaurant	5,308	6,084	776	14.62	78	105	183	\$28,330	Less than high school	Less than 5 years	Moderate-term OJT	
35-2015	Cooks, Short Order	832	840	8	0.96	1	16	17	\$24,230	Less than high school	None	Short-term OJT	
35-2019	Cooks, All Other	103	119	16	15.53	2	2	4	\$31,330	Less than high school	None	Moderate-term OJT	
35-2021	Food Preparation Workers	3,142	3,392	250	7.96	25	90	115	\$21,400	Less than high school	None	Short-term OJT	
35-3000	Food & Beverage Serving Workers	22,124	24,216	2,092	9.46	209	946	1,155	N/A				
35-3011	Bartenders	2,760	3,118	358	12.97	36	102	138	\$19,750	Less than high school	None	Short-term OJT	
35-3021	Combined Food Preparation & Serving Workers, Including Fast Food	7,059	8,060	1,001	14.18	100	270	370	\$22,220	Less than high school	None	Short-term OJT	
35-3022	Counter Attendants, Cafeteria, Food Concession, & Coffee Shop	1,184	1,194	10	0.84	1	72	73	\$19,520	Less than high school	None	Short-term OJT	
35-3031	Waiters & Waitresses	9,361	9,911	550	5.88	55	450	505	\$19,190	Less than high school	None	Short-term OJT	
35-3041	Food Servers, Nonrestaurant	1,760	1,933	173	9.83	17	52	69	\$24,390	Less than high school	None	Short-term OJT	
35-9000	Other Food Preparation & Serving Related Workers	9,702	10,416	714	7.36	71	494	565	N/A				

DISTRICT OF COLUMBIA OCCUPATIONAL PROJECTIONS, 2012 - 2022*													
Soccode	Occupational Title	Employment		Change 2012-2022		Average Annual Openings			Median Annual Wage**	Education Value	Work experience	Job Training	
		2012	2022	Numeric	Percent	Replacement	Growth	Total					
35-9011	Dining Room & Cafeteria Attendants & Bartender Helpers	4,225	4,530	305	7.22	30	185	215	\$19,250	Less than high school	None	Short-term OJT	
35-9021	Dishwashers	3,219	3,490	271	8.42	27	142	169	\$19,720	Less than high school	None	Short-term OJT	
35-9031	Hosts & Hostesses, Restaurant, Lounge, & Coffee Shop	2,141	2,268	127	5.93	13	161	174	\$24,240	Less than high school	None	None	
35-9099	Food Preparation & Serving Related Workers, All Other	117	128	11	9.40	1	6	7	\$23,600	Less than high school	None	Short-term OJT	
37-0000	Building & Grounds Cleaning & Maintenance Occupations	28,249	32,473	4,224	14.95	422	558	980	\$29,350				
37-1000	Supervisors of Building & Grounds Cleaning & Maintenance Workers	2,133	2,414	281	13.17	28	50	78	N/A				
37-1011	1st-Line Supervisors of Housekeeping & Janitorial Workers	2,018	2,285	267	13.23	27	48	75	\$39,620	HS or EQ	Less than 5 years	None	
37-1012	1st-Line Supervisors of L&scaping, Lawn Service, & Groundskeeping Workers	115	129	14	12.17	1	1	2	\$54,670	HS or EQ	Less than 5 years	None	
37-2000	Building Cleaning & Pest Control Workers	24,954	28,779	3,825	15.33	382	480	862	N/A				
37-2011	Janitors & Cleaners, Except Maids & Housekeeping Cleaners	15,368	17,718	2,350	15.29	235	289	524	\$27,820	Less than high school	None	Short-term OJT	
37-2012	Maids & Housekeeping Cleaners	9,546	11,018	1,472	15.42	147	189	336	\$30,820	Less than high school	None	Short-term OJT	
37-2019	Building Cleaning Workers, All Other	1	1	0	0.00	0	0	0	N/A	Less than high school	None	Short-term OJT	
37-2021	Pest Control Workers	39	42	3	7.69	0	1	1	\$42,150	HS or EQ	None	Moderate-term OJT	
37-3000	Grounds Maintenance Workers	1,162	1,280	118	10.15	12	29	41	N/A				
37-3011	L&scaping & Groundskeeping Workers	985	1,091	106	10.76	11	25	36	\$33,970	Less than high school	None	Short-term OJT	
37-3019	Grounds Maintenance Workers, All Other	138	151	13	9.42	1	4	5	\$36,130	Less than high school	None	Short-term OJT	
39-0000	Personal Care & Service Occupations	11,832	14,515	2,683	22.68	269	282	551	\$28,760				
39-1000	Supervisors of Personal Care & Service Workers	457	553	96	21.01	10	8	18	N/A				
39-1021	1st-Line Supervisors of Personal Service Workers	457	553	96	21.01	10	8	18	\$48,780	HS or EQ	Less than 5 years	None	
39-2000	Animal Care & Service Workers	158	190	32	20.25	3	2	5	N/A				
39-2021	Nonfarm Animal Caretakers	146	175	29	19.86	3	2	5	\$30,490	Less than high school	None	Short-term OJT	
39-3000	Entertainment Attendants & Related Workers	1,021	1,322	301	29.48	30	53	83	N/A				
39-3031	Ushers, Lobby Attendants, & Ticket Takers	627	838	211	33.65	21	33	54	\$19,010	Less than high school	None	Short-term OJT	
39-3091	Amusement & Recreation Attendants	237	287	50	21.10	5	12	17	\$19,020	Less than high school	None	Short-term OJT	
39-3092	Costume Attendants	109	147	38	34.86	4	6	10	\$30,900	HS or EQ	None	Short-term OJT	
39-3093	Locker Room, Coatroom, & Dressing Room Attendants	26	32	6	23.08	1	1	2	\$32,080	HS or EQ	None	Short-term OJT	
39-4000	Funeral Service Workers	72	79	7	9.72	1	2	3	N/A				
39-4031	Morticians, Undertakers, & Funeral Directors	40	47	7	17.50	1	1	2	N/A	Associate's degree	None	Long-term OJT	
39-5000	Personal Appearance Workers	1,329	1,595	266	20.02	27	27	54	N/A				
39-5011	Barbers	141	174	33	23.40	3	4	7	\$50,560	Postsecondary non-degree	None	None	
39-5012	Hairdressers, Hairstylists, & Cosmetologists	882	1,042	160	18.14	16	21	37	\$38,090	Postsecondary non-degree	None	None	
39-5093	Shampoers	131	139	8	6.11	1	1	2	\$19,430	Less than high school	None	Short-term OJT	
39-6000	Baggage Porters, Bellhops, & Concierges	1,112	1,294	182	16.37	18	28	46	N/A				
39-6011	Baggage Porters & Bellhops	611	677	66	10.80	7	15	22	\$26,910	HS or EQ	None	Short-term OJT	
39-6012	Concierges	501	617	116	23.15	12	12	24	\$33,370	HS or EQ	None	Moderate-term OJT	
39-7000	Tour & Travel Guides	209	209	0	0.00	0	10	10	N/A				
39-7011	Tour Guides & Escorts	204	204	0	0.00	0	10	10	\$31,680	HS or EQ	None	Moderate-term OJT	
39-9000	Other Personal Care & Service Workers	7,474	9,273	1,799	24.07	180	153	333	N/A				
39-9011	Childcare Workers	2,751	3,271	520	18.90	52	81	133	\$29,080	HS or EQ	None	Short-term OJT	
39-9021	Personal Care Aides	2,055	2,963	908	44.18	91	15	106	\$22,720	Less than high school	None	Short-term OJT	
39-9031	Fitness Trainers & Aerobics Instructors	763	883	120	15.73	12	9	21	\$34,800	HS or EQ	None	Short-term OJT	
39-9032	Recreation Workers	961	1,030	69	7.18	7	11	18	\$36,150	Bachelor's degree	None	None	
39-9041	Residential Advisors	684	832	148	21.64	15	30	45	\$28,000	HS or EQ	None	Short-term OJT	
39-9099	Personal Care & Service Workers, All Other	260	294	34	13.08	3	7	10	\$29,780	HS or EQ	None	Short-term OJT	
41-0000	Sales & Related Occupations	25,666	27,609	1,943	7.57	198	768	966	\$30,230				
41-1000	Supervisors of Sales Workers	2,765	3,003	238	8.61	24	55	79	N/A				
41-1011	1st-Line Supervisors of Retail Sales Workers	2,187	2,367	180	8.23	18	48	66	\$42,410	HS or EQ	Less than 5 years	None	
41-1012	1st-Line Supervisors of Non-Retail Sales Workers	578	636	58	10.03	6	7	13	\$56,990	HS or EQ	Less than 5 years	None	
41-2000	Retail Sales Workers	13,825	14,518	693	5.01	69	529	598	N/A				
41-2011	Cashiers	6,632	6,722	90	1.36	9	287	296	\$21,590	Less than high school	None	Short-term OJT	
41-2021	Counter & Rental Clerks	474	524	50	10.55	5	12	17	\$24,480	Less than high school	None	Short-term OJT	
41-2022	Parts Salespersons	10	10	0	0.00	0	0	0	N/A	Less than high school	None	Moderate-term OJT	
41-2031	Retail Salespersons	6,709	7,262	553	8.24	55	230	285	\$23,320	Less than high school	None	Short-term OJT	

DISTRICT OF COLUMBIA OCCUPATIONAL PROJECTIONS, 2012 - 2022*													
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		2012	2022	Numeric	Percent	Replacement	Growth	Total					
41-3000	Sales Reps., Services	3,491	3,830	339	9.71	37	86	123	N/A				
41-3011	Advertising Sales Agents	466	494	28	6.01	3	14	17	\$52,790	HS or EQ	None	Moderate-term OJT	
41-3021	Insurance Sales Agents	498	571	73	14.66	7	12	19	\$51,190	HS or EQ	None	Moderate-term OJT	
41-3031	Securities, Commodities, & Financial Services Sales Agents	824	956	132	16.02	13	19	32	\$97,250	Bachelor's degree	None	Moderate-term OJT	
41-3041	Travel Agents	474	442	-32	-6.75	0	7	7	\$37,270	HS or EQ	None	Moderate-term OJT	
41-3099	Sales Reps., Services, All Other	1,229	1,367	138	11.23	14	34	48	\$56,440	HS or EQ	None	Short-term OJT	
41-4000	Sales Reps., Wholesale & Manufacturing	1,964	2,211	247	12.58	25	38	63	N/A				
41-4011	Sales Reps., Wholesale & Manufacturing, Tech. & Scientific Products	940	1,088	148	15.74	15	18	33	\$70,340	Bachelor's degree	None	Moderate-term OJT	
41-4012	Sales Reps., Wholesale & Manufacturing, Except Tech. & Scientific Products	1,024	1,123	99	9.67	10	20	30	\$52,000	HS or EQ	None	Moderate-term OJT	
41-9000	Other Sales & Related Workers	3,621	4,047	426	11.76	43	60	103	N/A				
41-9011	Demonstrators & Product Promoters	258	330	72	27.91	7	7	14	\$29,610	HS or EQ	None	Short-term OJT	
41-9021	Real Estate Brokers	335	379	44	13.13	4	3	7	N/A	HS or EQ	Less than 5 years	None	
41-9022	Real Estate Sales Agents	1,058	1,146	88	8.32	9	10	19	\$74,860	HS or EQ	None	Long-term OJT	
41-9041	Telemarketers	559	603	44	7.87	4	12	16	\$23,360	Less than high school	None	Short-term OJT	
41-9099	Sales & Related Workers, All Other	1,366	1,548	182	13.32	18	27	45	N/A	HS or EQ	None	None	
43-0000	Office & Administrative Support Occupations	111,825	115,085	3,260	2.92	696	2,152	2,848	\$43,820				
43-1000	Supervisors of Office & Administrative Support Workers	5,403	6,127	724	13.40	72	128	200	N/A				
43-1011	1st-Line Supervisors of Office & Administrative Support Workers	5,403	6,127	724	13.40	72	128	200	\$58,650	HS or EQ	Less than 5 years	None	
43-2000	Communications Equipment Operators	1,006	877	-129	-12.82	0	19	19	N/A				
43-2011	Switchboard Operators, Including Answering Service	921	792	-129	-14.01	0	17	17	\$35,410	HS or EQ	None	Short-term OJT	
43-3000	Financial Clerks	10,754	11,787	1,033	9.61	109	199	308	N/A				
43-3011	Bill & Account Collectors	749	834	85	11.35	8	21	29	\$45,810	HS or EQ	None	Moderate-term OJT	
43-3021	Billing & Posting Clerks	1,932	2,204	272	14.08	27	36	63	\$44,890	HS or EQ	None	Short-term OJT	
43-3031	Bookkeeping, Accounting, & Auditing Clerks	5,630	6,257	627	11.14	63	52	115	\$48,300	HS or EQ	None	Moderate-term OJT	
43-3051	Payroll & Timekeeping Clerks	791	882	91	11.50	9	17	26	\$51,360	HS or EQ	None	Moderate-term OJT	
43-3061	Procurement Clerks	385	326	-59	-15.32	0	14	14	\$49,370	HS or EQ	None	Moderate-term OJT	
43-3071	Tellers	1,267	1,284	17	1.34	2	59	61	\$27,700	HS or EQ	None	Short-term OJT	
43-4000	Information & Record Clerks	31,088	31,210	122	0.39	193	796	989	N/A				
43-4011	Brokerage Clerks	81	86	5	6.17	0	2	2	\$51,240	HS or EQ	None	Moderate-term OJT	
43-4021	Correspondence Clerks	54	60	6	11.11	1	1	2	N/A	HS or EQ	None	Short-term OJT	
43-4031	Court, Municipal, & License Clerks	23	25	2	8.70	0	0	0	N/A	HS or EQ	None	Moderate-term OJT	
43-4041	Credit Authorizers, Checkers, & Clerks	32	30	-2	-6.25	0	0	0	N/A	HS or EQ	None	Short-term OJT	
43-4051	Customer Service Reps.	7,289	8,309	1,020	13.99	102	198	300	\$38,580	HS or EQ	None	Short-term OJT	
43-4061	Eligibility Interviewers, Government Programs	462	525	63	13.64	6	9	15	\$50,660	HS or EQ	None	Moderate-term OJT	
43-4071	File Clerks	948	915	-33	-3.48	0	22	22	\$40,130	HS or EQ	None	Short-term OJT	
43-4081	Hotel, Motel, & Resort Desk Clerks	1,236	1,432	196	15.86	20	58	78	\$32,780	HS or EQ	None	Short-term OJT	
43-4111	Interviewers, Except Eligibility & Loan	444	480	36	8.11	4	8	12	\$27,790	HS or EQ	None	Short-term OJT	
43-4121	Library Assistants, Clerical	940	1,068	128	13.62	13	41	54	\$43,240	HS or EQ	None	Short-term OJT	
43-4131	Loan Interviewers & Clerks	725	796	71	9.79	7	5	12	\$37,890	HS or EQ	None	Short-term OJT	
43-4151	Order Clerks	202	192	-10	-4.95	0	5	5	\$29,520	HS or EQ	None	Short-term OJT	
43-4161	Human Resources Assistants, Except Payroll & Timekeeping	1,653	1,592	-61	-3.69	0	42	42	\$46,760	HS or EQ	None	Short-term OJT	
43-4171	Receptionists & Information Clerks	7,615	8,016	401	5.27	40	205	245	\$32,630	HS or EQ	None	Short-term OJT	
43-4181	Reservation & Transp. Ticket Agents & Travel Clerks	577	570	-7	-1.21	0	8	8	\$37,980	HS or EQ	None	Short-term OJT	
43-4199	Information & Record Clerks, All Other	8,770	7,077	-1,693	-19.30	0	190	190	\$45,580	HS or EQ	None	Short-term OJT	
43-5000	Material Recording, Scheduling, Dispatching, & Distributing Workers	6,418	5,997	-421	-6.56	12	166	178	N/A				
43-5021	Couriers & Messengers	273	255	-18	-6.59	0	4	4	\$31,400	HS or EQ	None	Short-term OJT	
43-5032	Dispatchers, Except Police, Fire, & Ambulance	422	468	46	10.90	5	12	17	\$39,810	HS or EQ	None	Moderate-term OJT	
43-5051	Postal Service Clerks	153	107	-46	-30.07	0	2	2	\$53,100	HS or EQ	None	Short-term OJT	
43-5052	Postal Service Mail Carriers	861	646	-215	-24.97	0	30	30	\$56,500	HS or EQ	None	Short-term OJT	
43-5053	Postal Service Mail Sorters, Processors, & Processing Machine Operators	734	528	-206	-28.07	0	5	5	\$53,090	HS or EQ	None	Short-term OJT	
43-5061	Production, Planning, & Expediting Clerks	544	602	58	10.66	6	14	20	\$45,580	HS or EQ	None	Moderate-term OJT	
43-5071	Shipping, Receiving, & Traffic Clerks	1,047	1,041	-6	-0.57	0	28	28	\$47,470	HS or EQ	None	Short-term OJT	
43-5081	Stock Clerks & Order Fillers	2,214	2,169	-45	-2.03	0	67	67	\$31,940	Less than high school	None	Short-term OJT	

DISTRICT OF COLUMBIA OCCUPATIONAL PROJECTIONS, 2012 - 2022*													
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		2012	2022	Numeric	Percent	Replacement	Growth	Total					
43-5111	Weighers, Measurers, Checkers, & Samplers, Recordkeeping	41	42	1	2.44	0	1	1	\$23,450	HS or EQ	None	Short-term OJT	
43-6000	Secretaries & Administrative Assistants	34,074	36,024	1,950	5.72	195	410	605	N/A				
43-6011	Executive Secretaries & Executive Administrative Assistants	14,950	15,282	332	2.22	33	180	213	\$51,470	HS or EQ	Less than 5 years	None	
43-6012	Legal Secretaries	6,445	6,485	40	0.62	4	78	82	\$69,510	HS or EQ	None	Moderate-term OJT	
43-6013	Medical Secretaries	1,278	1,565	287	22.46	29	15	44	\$36,130	HS or EQ	None	Moderate-term OJT	
43-6014	Secretaries & Administrative Assistants, Except Legal, Medical, & Executive	11,401	12,692	1,291	11.32	129	137	266	\$45,990	HS or EQ	None	Short-term OJT	
43-9000	Other Office & Administrative Support Workers	23,082	23,063	-19	-0.08	114	433	547	N/A				
43-9011	Computer Operators	414	367	-47	-11.35	0	4	4	\$54,250	HS or EQ	None	Moderate-term OJT	
43-9021	Data Entry Keyers	1,063	841	-222	-20.88	0	13	13	\$35,200	HS or EQ	None	Moderate-term OJT	
43-9022	Word Processors & Typists	3,522	2,889	-633	-17.97	0	13	13	\$30,470	HS or EQ	None	Short-term OJT	
43-9031	Desktop Publishers	117	124	7	5.98	1	2	3	\$36,400	Associate's degree	None	Short-term OJT	
43-9041	Insurance Claims & Policy Processing Clerks	407	515	108	26.54	11	11	22	N/A	HS or EQ	None	Moderate-term OJT	
43-9051	Mail Clerks & Mail Machine Operators, Except Postal Service	1,171	1,035	-136	-11.61	0	27	27	\$39,590	HS or EQ	None	Short-term OJT	
43-9061	Office Clerks, General	12,705	13,676	971	7.64	97	267	364	\$36,150	HS or EQ	None	Short-term OJT	
43-9071	Office Machine Operators, Except Computer	552	500	-52	-9.42	0	13	13	\$34,870	HS or EQ	None	Short-term OJT	
43-9081	Proofreaders & Copy Markers	381	437	56	14.70	6	7	13	\$41,120	Bachelor's degree	None	None	
43-9111	Statistical Assistants	102	104	2	1.96	0	3	3	N/A	Bachelor's degree	None	None	
43-9199	Office & Administrative Support Workers, All Other	2,648	2,575	-73	-2.76	0	74	74	\$42,210	HS or EQ	None	Short-term OJT	
45-0000	Farming, Fishing, & Forestry Occupations	300	280	-20	-6.67	0	9	9	N/A				
45-1000	Supervisors of Farming, Fishing, & Forestry Workers	11	12	1	9.09	0	0	0	N/A				
45-2000	Agricultural Workers	288	267	-21	-7.29	0	9	9	N/A				
45-2093	Farmworkers, Farm, Ranch, & Aquacultural Animals	283	263	-20	-7.07	0	9	9	N/A	Less than high school	None	Short-term OJT	
45-4000	Forest, Conservation, & Logging Workers	1	1	0	0.00	0	0	0	N/A				
45-4022	Logging Equipment Operators	1	1	0	0.00	0	0	0	N/A	HS or EQ	None	Moderate-term OJT	
47-0000	Construction & Extraction Occupations	12,134	13,196	1,062	8.75	109	202	311	\$53,020				
47-1000	Supervisors of Construction & Extraction Workers	910	1,005	95	10.44	10	10	20	N/A				
47-1011	1st-Line Supervisors of Construction Trades & Extraction Workers	910	1,005	95	10.44	10	10	20	\$67,130	HS or EQ	5 years or more	None	
47-2000	Construction Trades Workers	9,574	10,239	665	6.95	69	159	228	N/A				
47-2021	Brickmasons & Blockmasons	234	245	11	4.70	1	2	3	\$44,100	HS or EQ	None	Apprenticeship	
47-2031	Carpenters	1,193	1,344	151	12.66	15	15	30	\$52,690	HS or EQ	None	Apprenticeship	
47-2044	Tile & Marble Setters	1	1	0	0.00	0	0	0	N/A	Less than high school	None	Long-term OJT	
47-2051	Cement Masons & Concrete Finishers	672	707	35	5.21	4	8	12	\$39,470	Less than high school	None	Moderate-term OJT	
47-2061	Construction Laborers	2,354	2,586	232	9.86	23	50	73	\$39,900	Less than high school	None	Short-term OJT	
47-2071	Paving, Surfacing, & Tamping Equipment Operators	189	196	7	3.70	1	3	4	\$52,830	HS or EQ	None	Moderate-term OJT	
47-2073	Operating Engineers & Other Construction Equipment Operators	305	322	17	5.57	2	7	9	\$55,080	HS or EQ	None	Moderate-term OJT	
47-2081	Drywall & Ceiling Tile Installers	162	155	-7	-4.32	0	2	2	N/A	Less than high school	None	Moderate-term OJT	
47-2111	Electricians	1,508	1,593	85	5.64	8	28	36	\$63,780	HS or EQ	None	Apprenticeship	
47-2141	Painters, Construction & Maintenance	602	630	28	4.65	3	9	12	\$47,550	Less than high school	None	Moderate-term OJT	
47-2152	Plumbers, Pipefitters, & Steamfitters	1,265	1,342	77	6.09	8	16	24	\$64,350	HS or EQ	None	Apprenticeship	
47-2171	Reinforcing Iron & Rebar Workers	350	336	-14	-4.00	0	6	6	N/A	HS or EQ	None	Apprenticeship	
47-2181	Roofers	36	32	-4	-11.11	0	1	1	\$33,710	Less than high school	None	Moderate-term OJT	
47-2211	Sheet Metal Workers	326	335	9	2.76	1	6	7	\$53,290	HS or EQ	None	Apprenticeship	
47-3000	Helpers, Construction Trades	636	723	87	13.68	9	10	19	N/A				
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, & Tile & Marble Setters	203	239	36	17.73	4	3	7	\$26,420	Less than high school	None	Short-term OJT	
47-3012	Helpers--Carpenters	106	141	35	33.02	4	2	6	\$27,810	Less than high school	None	Short-term OJT	
47-3013	Helpers--Electricians	170	186	16	9.41	2	3	5	\$30,660	HS or EQ	None	Short-term OJT	
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, & Steamfitters	55	56	1	1.82	0	1	1	\$28,830	HS or EQ	None	Short-term OJT	
47-3019	Helpers, Construction Trades, All Other	87	88	1	1.15	0	1	1	\$32,310	Less than high school	None	Short-term OJT	
47-4000	Other Construction & Related Workers	988	1,193	205	20.75	21	22	43	N/A				
47-4011	Construction & Building Inspectors	753	950	197	26.16	20	18	38	\$75,670	HS or EQ	5 years or more	Moderate-term OJT	
47-4021	Elevator Installers & Repairers	63	59	-4	-6.35	0	1	1	N/A	HS or EQ	None	Apprenticeship	
47-4031	Fence Erectors	1	1	0	0.00	0	0	0	N/A	HS or EQ	None	Moderate-term OJT	
47-4099	Construction & Related Workers, All Other	91	92	1	1.10	0	2	2	N/A	HS or EQ	None	Moderate-term OJT	

DISTRICT OF COLUMBIA OCCUPATIONAL PROJECTIONS, 2012 - 2022*													
Soccode	Occupational Title	Employment		Change 2012-2022		Average Annual Openings			Median Annual Wage**	Education Value	Work experience	Job Training	
		2012	2022	Numeric	Percent	Replacement	Growth	Total					
47-5000	Extraction Workers	26	36	10	38.46	1	1	2	N/A				
49-0000	Installation, Maintenance, & Repair Occupations	8,788	9,474	686	7.81	78	197	275	\$53,220				
49-1000	Supervisors of Installation, Maintenance, & Repair Workers	816	846	30	3.68	3	22	25	N/A				
49-1011	1st-Line Supervisors of Mechanics, Installers, & Repairers	816	846	30	3.68	3	22	25	\$71,710	HS or EQ	Less than 5 years	None	
49-2000	Electrical & Electronic Equipment Mechanics, Installers, & Repairers	990	1,037	47	4.75	8	19	27	N/A				
49-2011	Computer, Automated Teller, & Office Machine Repairers	328	385	57	17.38	6	7	13	\$34,070	Some college, no degree	None	None	
49-2022	Telecommunications Equipment Installers & Repairers, Except Line Installers	146	151	5	3.42	0	2	2	\$62,840	Postsecondary non-degree	None	Moderate-term OJT	
49-2092	Electric Motor, Power Tool, & Related Repairers	28	27	-1	-3.57	0	0	0	N/A	Postsecondary non-degree	None	Long-term OJT	
49-2094	Electrical & Electronics Repairers, Commercial & Industrial Equipment	225	231	6	2.67	1	4	5	\$85,340	Postsecondary non-degree	None	Long-term OJT	
49-2095	Electrical & Electronics Repairers, Powerhouse, Substation, & Relay	179	155	-24	-13.41	0	4	4	N/A	Postsecondary non-degree	None	Long-term OJT	
49-2098	Security & Fire Alarm Systems Installers	43	49	6	13.95	1	1	2	N/A	HS or EQ	None	Moderate-term OJT	
49-3000	Vehicle & Mobile Equipment Mechanics, Installers, & Repairers	898	995	97	10.80	10	24	34	N/A				
49-3021	Automotive Body & Related Repairers	103	120	17	16.50	2	2	4	\$49,610	HS or EQ	None	Moderate-term OJT	
49-3023	Automotive Service Technicians & Mechanics	419	425	6	1.43	1	11	12	\$50,490	HS or EQ	None	Long-term OJT	
49-3031	Bus & Truck Mechanics & Diesel Engine Specialists	63	73	10	15.87	1	1	2	\$49,680	HS or EQ	None	Long-term OJT	
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	175	218	43	24.57	4	5	9	\$54,400	HS or EQ	None	Long-term OJT	
49-3093	Tire Repairers & Changers	37	37	0	0.00	0	1	1	\$22,190	HS or EQ	None	Short-term OJT	
49-9000	Other Installation, Maintenance, & Repair Occupations	6,084	6,596	512	8.42	57	132	189	N/A				
49-9012	Control & Valve Installers & Repairers, Except Mechanical Door	137	97	-40	-29.20	0	5	5	\$62,840	HS or EQ	None	Moderate-term OJT	
49-9021	Heating, Air Conditioning, & Refrigeration Mechanics & Installers	289	299	10	3.46	1	7	8	\$59,550	Postsecondary non-degree	None	Long-term OJT	
49-9041	Industrial Machinery Mechanics	159	165	6	3.77	1	5	6	\$61,700	HS or EQ	None	Long-term OJT	
49-9043	Maintenance Workers, Machinery	138	165	27	19.57	3	2	5	\$51,230	HS or EQ	None	Moderate-term OJT	
49-9051	Electrical Power-Line Installers & Repairers	178	197	19	10.67	2	6	8	\$64,920	HS or EQ	None	Long-term OJT	
49-9052	Telecommunications Line Installers & Repairers	308	292	-16	-5.19	0	8	8	\$66,200	HS or EQ	None	Long-term OJT	
49-9062	Medical Equipment Repairers	48	66	18	37.50	2	1	3	\$41,950	Associate's degree	None	Moderate-term OJT	
49-9071	Maintenance & Repair Workers, General	4,033	4,460	427	10.59	43	78	121	\$45,600	HS or EQ	None	Long-term OJT	
49-9094	Locksmiths & Safe Repairers	73	80	7	9.59	1	2	3	\$55,860	HS or EQ	None	Long-term OJT	
49-9098	Helpers--Installation, Maintenance, & Repair Workers	397	438	41	10.33	4	12	16	\$37,720	HS or EQ	None	Moderate-term OJT	
49-9099	Installation, Maintenance, & Repair Workers, All Other	148	154	6	4.05	1	2	3	\$51,890	HS or EQ	None	Moderate-term OJT	
51-0000	Production Occupations	6,527	6,485	-42	-0.64	23	154	177	\$47,000				
51-1000	Supervisors of Production Workers	473	480	7	1.48	1	7	8	N/A				
51-1011	1st-Line Supervisors of Production & Operating Workers	473	480	7	1.48	1	7	8	\$61,990	Postsecondary non-degree	Less than 5 years	None	
51-2000	Assemblers & Fabricators	107	107	0	0.00	0	3	3	N/A				
51-3000	Food Processing Workers	526	537	11	2.09	1	14	15	N/A				
51-3011	Bakers	205	206	1	0.49	0	5	5	\$29,800	Less than high school	None	Long-term OJT	
51-3021	Butchers & Meat Cutters	165	162	-3	-1.82	0	4	4	\$40,990	Less than high school	None	Long-term OJT	
51-3092	Food Batchmakers	104	113	9	8.65	1	3	4	\$22,700	HS or EQ	None	Moderate-term OJT	
51-4000	Metal Workers & Plastic Workers	337	354	17	5.04	2	8	10	N/A				
51-4041	Machinists	154	175	21	13.64	2	4	6	\$58,680	HS or EQ	None	Long-term OJT	
51-4121	Welders, Cutters, Solderers, & Brazers	154	151	-3	-1.95	0	4	4	\$55,840	HS or EQ	None	Moderate-term OJT	
51-5100	Printing Workers	1,881	1,669	-212	-11.27	0	37	37	N/A				
51-5111	Prepress Technicians & Workers	474	407	-67	-14.14	0	12	12	\$74,580	Postsecondary non-degree	None	None	
51-5112	Printing Press Operators	1,020	920	-100	-9.80	0	18	18	\$74,580	HS or EQ	None	Moderate-term OJT	
51-5113	Print Binding & Finishing Workers	387	342	-45	-11.63	0	7	7	\$73,800	HS or EQ	None	Short-term OJT	
51-6000	Textile, Apparel, & Furnishings Workers	1,080	1,184	104	9.63	10	27	37	N/A				
51-6011	Laundry & Dry-Cleaning Workers	791	867	76	9.61	8	24	32	\$31,470	Less than high school	None	Short-term OJT	
51-6021	Pressers, Textile, Garment, & Related Materials	196	214	18	9.18	2	2	4	\$20,550	Less than high school	None	Short-term OJT	
51-6052	Tailors, Dressmakers, & Custom Sewers	54	60	6	11.11	1	1	2	\$29,170	Less than high school	None	Moderate-term OJT	
51-6099	Textile, Apparel, & Furnishings Workers, All Other	1	2	1	100.00	0	0	0	N/A	HS or EQ	None	Short-term OJT	
51-7000	Woodworkers	121	116	-5	-4.13	0	2	2	N/A				
51-7011	Cabinetmakers & Bench Carpenters	92	87	-5	-5.43	0	1	1	N/A	HS or EQ	None	Moderate-term OJT	
51-8000	Plant & System Operators	873	885	12	1.37	5	29	34	N/A				
51-8021	Stationary Engineers & Boiler Operators	396	442	46	11.62	5	12	17	\$68,060	HS or EQ	None	Long-term OJT	

DISTRICT OF COLUMBIA OCCUPATIONAL PROJECTIONS, 2012 - 2022*													
Soccode	Occupational Title	Employment		Change 2012-2022		Average Annual Openings			Median Annual Wage**	Education Value	Work experience	Job Training	
		2012	2022	Numeric	Percent	Replacement	Growth	Total					
51-8031	Water & Wastewater Treatment Plant & System Operators	270	262	-8	-2.96	0	10	10	\$57,210	HS or EQ	None	Long-term OJT	
51-8099	Plant & System Operators, All Other	178	159	-19	-10.67	0	7	7	N/A	HS or EQ	None	Long-term OJT	
51-9000	Other Production Occupations	1,129	1,153	24	2.13	4	29	33	N/A				
51-9061	Inspectors, Testers, Sorters, Samplers, & Weighers	128	119	-9	-7.03	0	3	3	\$52,820	HS or EQ	None	Moderate-term OJT	
51-9071	Jewelers & Precious Stone & Metal Workers	33	33	0	0.00	0	1	1	N/A	HS or EQ	None	Long-term OJT	
51-9081	Dental Laboratory Technicians	69	71	2	2.90	0	2	2	\$54,520	HS or EQ	None	Moderate-term OJT	
51-9111	Packaging & Filling Machine Operators & Tenders	245	248	3	1.22	0	6	6	\$21,900	HS or EQ	None	Moderate-term OJT	
51-9151	Photographic Process Workers & Processing Machine Operators	234	231	-3	-1.28	0	7	7	\$23,210	HS or EQ	None	Short-term OJT	
51-9198	Helpers--Production Workers	115	133	18	15.65	2	2	4	\$23,720	Less than high school	None	Short-term OJT	
51-9199	Production Workers, All Other	204	213	9	4.41	1	5	6	N/A	HS or EQ	None	Moderate-term OJT	
53-0000	Transp. & Material Moving Occupations	18,105	19,765	1,660	9.17	176	493	669	\$36,300				
53-1000	Supervisors of Transp. & Material Moving Workers	902	1,004	102	11.31	10	25	35	N/A				
53-1021	1st-Line Supervisors of Helpers, Laborers, & Material Movers, H&	273	312	39	14.29	4	8	12	\$50,350	HS or EQ	Less than 5 years	None	
53-1031	1st-Line Supervisors of Transp. & Material-Moving Machine & Vehicle Operators	629	692	63	10.02	6	17	23	\$60,610	HS or EQ	Less than 5 years	None	
53-2000	Air Transp. Workers	365	380	15	4.11	2	16	18	N/A				
53-2021	Air Traffic Controllers	335	345	10	2.99	1	15	16	\$141,740	Associate's degree	None	Long-term OJT	
53-3000	Motor Vehicle Operators	7,938	8,848	910	11.46	94	137	231	N/A				
53-3021	Bus Drivers, Transit & Intercity	824	966	142	17.23	14	15	29	\$33,090	HS or EQ	None	Moderate-term OJT	
53-3022	Bus Drivers, School or Special Client	737	933	196	26.59	20	14	34	\$37,880	HS or EQ	None	Short-term OJT	
53-3031	Driver/Sales Workers	448	513	65	14.51	6	7	13	\$34,620	HS or EQ	None	Short-term OJT	
53-3032	Heavy & Tractor-Trailer Truck Drivers	750	825	75	10.00	8	12	20	\$41,340	Postsecondary non-degree	None	Short-term OJT	
53-3033	Light Truck or Delivery Services Drivers	1,246	1,296	50	4.01	5	20	25	\$31,430	HS or EQ	None	Short-term OJT	
53-3041	Taxi Drivers & Chauffeurs	2,512	2,923	411	16.36	41	30	71	\$35,050	Less than high school	None	Short-term OJT	
53-3099	Motor Vehicle Operators, All Other	1,409	1,378	-31	-2.20	0	39	39	\$50,040	HS or EQ	None	Short-term OJT	
53-5000	Water Transp. Workers	181	193	12	6.63	1	8	9	N/A				
53-6000	Other Transp. Workers	4,207	4,403	196	4.66	25	182	207	N/A				
53-6021	Parking Lot Attendants	2,443	2,683	240	9.82	24	117	141	\$19,940	Less than high school	None	Short-term OJT	
53-6031	Automotive & Watercraft Service Attendants	164	152	-12	-7.32	0	5	5	\$19,030	Less than high school	None	Short-term OJT	
53-6041	Traffic Technicians	25	27	2	8.00	0	1	1	\$45,830	HS or EQ	None	Moderate-term OJT	
53-6051	Transp. Inspectors	343	346	3	0.87	0	11	11	\$106,910	HS or EQ	None	Moderate-term OJT	
53-6061	Transp. Attendants, Except Flight Attendants	15	17	2	13.33	0	0	0	\$42,750	HS or EQ	None	Short-term OJT	
53-6099	Transp. Workers, All Other	1,215	1,176	-39	-3.21	0	48	48	\$35,400	HS or EQ	None	Short-term OJT	
53-7000	Material Moving Workers	4,512	4,937	425	9.42	44	124	168	N/A				
53-7011	Conveyor Operators & Tenders	58	60	2	3.45	0	2	2	\$43,320	Less than high school	None	Short-term OJT	
53-7032	Excavating & Loading Machine & Dragline Operators	125	134	9	7.20	1	1	2	\$38,800	HS or EQ	Less than 5 years	Moderate-term OJT	
53-7051	Industrial Truck & Tractor Operators	148	131	-17	-11.49	0	3	3	\$44,400	Less than high school	None	Short-term OJT	
53-7061	Cleaners of Vehicles & Equipment	220	234	14	6.36	1	6	7	\$38,530	Less than high school	None	Short-term OJT	
53-7062	Laborers & Freight, Stock, & Material Movers, H&	2,652	2,981	329	12.41	33	82	115	\$32,250	Less than high school	None	Short-term OJT	
53-7064	Packers & Packagers, H&	442	442	0	0.00	0	12	12	\$19,190	Less than high school	None	Short-term OJT	
53-7081	Refuse & Recyclable Material Collectors	824	910	86	10.44	9	17	26	\$34,910	Less than high school	None	Short-term OJT	

Notes: *District of Columbia Occupational Projections, 2012 - 2022

**Bureau of Labor Statistics, Occupational Employment Statistics (OES), May 2012 survey

N/A - not available

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