

DISTRICT OF COLUMBIA SHORT-TERM OCCUPATIONAL PROJECTIONS, 2014 - 2016*

Soccode	Occupational Title	Employment		Change 2014-2016		Average Annual Openings			Annual	Education Value	Work Experience	Job Training
		2014	2016	Numeric	Percent	Replacement	Growth	Total	Median Wage**			
00-0000	Total, All Occupations	759,856	777,350	17,494	2.30	15,834	10,188	26,022	\$63,680			
11-0000	Management Occupations	106,645	108,113	1,468	1.38	1,968	944	2,912	\$127,070			
11-1000	Top Executives	40,031	40,861	830	2.07	672	415	1,087				
11-1011	Chief Executives	7,619	7,825	206	2.70	159	103	262	\$177,010	Bachelor's degree	5 years or more	None
11-1021	General & Operations Managers	32,392	33,016	624	1.93	513	312	825	\$136,120	Bachelor's degree	Less than 5 years	None
11-2000	Advertising, Marketing, Promotions, Public Relations, & Sales Managers	7,078	7,337	259	3.66	136	130	266				
11-2011	Advertising & Promotions Managers	513	529	16	3.12	14	8	22	\$84,000	Bachelor's degree	Less than 5 years	None
11-2021	Marketing Managers	1,442	1,493	51	3.54	28	26	54	\$139,340	Bachelor's degree	5 years or more	None
11-2022	Sales Managers	1,487	1,538	51	3.43	29	26	55	\$107,740	Bachelor's degree	Less than 5 years	None
11-2031	Public Relations & Fundraising Managers	3,636	3,777	141	3.88	64	70	134	\$138,420	Bachelor's degree	5 years or more	None
11-3000	Operations Specialties Managers	20,437	20,628	191	0.93	326	118	444				
11-3011	Administrative Services Managers	3,834	3,937	103	2.69	50	52	102	\$94,270	Bachelor's degree	Less than 5 years	None
11-3021	Computer & Information Systems Managers	4,167	4,231	64	1.54	43	32	75	\$144,380	Bachelor's degree	5 years or more	None
11-3031	Financial Managers	8,140	8,185	45	0.55	136	22	158	\$132,000	Bachelor's degree	5 years or more	None
11-3061	Purchasing Managers	1,734	1,700	-34	-1.96	33	0	33	\$128,610	Bachelor's degree	5 years or more	None
11-3071	Transp., Storage, & Distribution Managers	391	381	-10	-2.56	8	0	8	\$127,890	HS or EQ	5 years or more	None
11-3111	Compensation & Benefits Managers	479	486	7	1.46	12	4	16	\$93,930	Bachelor's degree	5 years or more	None
11-3121	Human Resources Managers	1,375	1,379	4	0.29	35	2	37	\$140,040	Bachelor's degree	5 years or more	None
11-3131	Training & Development Managers	285	298	13	4.56	8	6	14	\$103,880	Bachelor's degree	5 years or more	None
11-9000	Other Management Occupations	39,099	39,287	188	0.48	834	281	1,115				
11-9021	Construction Managers	1,112	1,170	58	5.22	14	29	43	\$97,100	Bachelor's degree	None	Moderate-term OJT
11-9031	Education Administrators, Preschool & Childcare Center/Program	425	437	12	2.82	12	6	18	\$46,530	Bachelor's degree	Less than 5 years	None
11-9032	Education Administrators, Elementary & Secondary School	810	867	57	7.04	22	28	50	\$85,180	Master's degree	5 years or more	None
11-9033	Education Administrators, Postsecondary	1,539	1,595	56	3.64	41	28	69	\$82,740	Master's degree	5 years or more	None
11-9039	Education Administrators, All Other	813	814	1	0.12	22	0	22	\$97,340	Bachelor's degree	Less than 5 years	None
11-9041	Architectural & Engineering Managers	2,183	2,171	-12	-0.55	42	0	42	\$135,540	Bachelor's degree	5 years or more	None
11-9051	Food Service Managers	1,333	1,396	63	4.73	22	32	54	\$59,720	HS or EQ	Less than 5 years	None
11-9081	Lodging Managers	295	310	15	5.08	10	8	18	\$81,280	HS or EQ	Less than 5 years	None
11-9111	Medical & Health Services Managers	2,569	2,623	54	2.10	55	27	82	\$112,980	Bachelor's degree	None	None
11-9121	Natural Sciences Managers	1,220	1,202	-18	-1.48	24	0	24	\$129,750	Bachelor's degree	5 years or more	None
11-9141	Property, Real Estate, & Community Association Managers	2,098	2,300	202	9.63	44	101	145	\$77,430	HS or EQ	Less than 5 years	None
11-9151	Social & Community Service Managers	1,600	1,643	43	2.69	30	22	52	\$76,320	Bachelor's degree	5 years or more	None
11-9161	Emergency Management Directors	79	80	1	1.27	1	0	1	\$110,170	Bachelor's degree	5 years or more	None
11-9199	Managers, All Other	23,020	22,676	-344	-1.49	498	0	498	\$126,250	HS or EQ	Less than 5 years	None
13-0000	Business & Financial Operations Occupations	108,899	109,411	512	0.47	1,730	482	2,212	\$82,380			
13-1000	Business Operations Specialists	85,565	85,861	296	0.35	1,146	330	1,476				
13-1022	Wholesale & Retail Buyers, Except Farm Products	101	103	2	1.98	2	1	3	\$46,860	HS or EQ	None	Long-term OJT
13-1023	Purchasing Agents, Except Wholesale, Retail, & Farm Products	3,101	3,044	-57	-1.84	56	0	56	\$84,870	HS or EQ	None	Long-term OJT
13-1031	Claims Adjusters, Examiners, & Investigators	906	893	-13	-1.43	20	0	20	\$74,960	HS or EQ	None	Long-term OJT
13-1041	Compliance Officers	2,980	2,920	-60	-2.01	42	0	42	\$81,800	Bachelor's degree	None	Moderate-term OJT
13-1051	Cost Estimators	243	251	8	3.29	8	4	12	\$60,440	Bachelor's degree	None	None
13-1071	Human Resources Specialists	7,929	7,912	-17	-0.21	127	0	127	\$89,030	Bachelor's degree	None	None
13-1081	Logisticians	1,015	1,051	36	3.55	9	18	27	\$98,230	Bachelor's degree	None	None
13-1111	Management Analysts	20,399	20,466	67	0.33	272	34	306	\$89,040	Bachelor's degree	Less than 5 years	None
13-1121	Meeting, Convention, & Event Planners	2,262	2,428	166	7.34	28	83	111	\$60,800	Bachelor's degree	None	None
13-1141	Compensation, Benefits, & Job Analysis Specialists	1,086	1,107	21	1.93	18	10	28	\$71,840	Bachelor's degree	None	None
13-1151	Training & Development Specialists	1,321	1,366	45	3.41	21	22	43	\$68,970	Bachelor's degree	Less than 5 years	None
13-1161	Market Research Analysts & Marketing Specialists	4,629	4,941	312	6.74	57	156	213	\$66,690	Bachelor's degree	None	None
13-1199	Business Operations Specialists, All Other	39,548	39,332	-216	-0.55	486	0	486	\$84,960	HS or EQ	None	None
13-2000	Financial Specialists	23,334	23,550	216	0.93	584	152	736				
13-2011	Accountants & Auditors	11,702	11,874	172	1.47	339	86	425	\$81,460	Bachelor's degree	None	None
13-2021	Appraisers & Assessors of Real Estate	193	185	-8	-4.15	2	0	2	\$91,560	Bachelor's degree	None	Long-term OJT
13-2031	Budget Analysts	2,545	2,551	6	0.24	92	3	95	\$89,040	Bachelor's degree	None	None

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13-2041	Credit Analysts	407	414	7	1.72	11	4	15	\$89,070	Bachelor's degree	None	None
13-2051	Financial Analysts	2,807	2,904	97	3.46	64	48	112	\$83,420	Bachelor's degree	None	None
13-2052	Personal Financial Advisors	505	524	19	3.76	8	10	18	\$73,600	Bachelor's degree	None	None
13-2053	Insurance Underwriters	117	117	0	0.00	3	0	3	\$55,720	Bachelor's degree	None	Moderate-term OJT
13-2061	Financial Examiners	511	508	-3	-0.59	12	0	12	\$145,740	Bachelor's degree	None	Moderate-term OJT
13-2071	Credit Counselors	104	106	2	1.92	2	1	3	\$53,730	Bachelor's degree	None	Moderate-term OJT
13-2072	Loan Officers	616	606	-10	-1.62	12	0	12	\$67,910	Bachelor's degree	None	Moderate-term OJT
13-2081	Tax Examiners & Collectors, & Revenue Agents	345	334	-11	-3.19	12	0	12	N/A	Bachelor's degree	None	Moderate-term OJT
13-2082	Tax Preparers	130	132	2	1.54	2	1	3	N/A	HS or EQ	None	Moderate-term OJT
13-2099	Financial Specialists, All Other	3,352	3,295	-57	-1.70	25	0	25	\$84,200	Bachelor's degree	None	Moderate-term OJT
15-0000	Computer & Mathematical Occupations	38,670	40,115	1,445	3.74	587	810	1,397	\$93,900			
15-1100	Computer Occupations	35,286	36,591	1,305	3.70	510	740	1,250				
15-1111	Computer & Information Research Scientists	351	358	7	1.99	5	4	9	\$115,740	PhD or Prof. degree	None	None
15-1121	Computer Systems Analysts	3,515	3,767	252	7.17	48	126	174	\$97,060	Bachelor's degree	None	None
15-1131	Computer Programmers	2,936	3,067	131	4.46	76	66	142	\$90,920	Bachelor's degree	None	None
15-1132	Software Developers, Applications	2,639	2,852	213	8.07	28	106	134	\$91,440	Bachelor's degree	None	None
15-1133	Software Developers, Systems Software	1,623	1,733	110	6.78	18	55	73	\$94,090	Bachelor's degree	None	None
15-1134	Web Developers	3,041	3,246	205	6.74	42	102	144	\$79,930	Associate's degree	None	None
15-1141	Database Administrators	1,608	1,705	97	6.03	22	48	70	\$88,640	Bachelor's degree	Less than 5 years	None
15-1142	Network & Computer Systems Administrators	4,340	4,553	213	4.91	60	106	166	\$86,810	Bachelor's degree	None	None
15-1151	Computer User Support Specialists	4,769	5,022	253	5.31	66	126	192	\$63,360	Some college, no degree	None	Moderate-term OJT
15-1199	Computer Occupations, All Other	10,464	10,288	-176	-1.68	144	0	144	\$109,810	Bachelor's degree	None	None
15-2000	Mathematical Science Occupations	3,384	3,524	140	4.14	78	70	148				
15-2011	Actuaries	292	293	1	0.34	7	0	7	\$112,230	Bachelor's degree	None	Long-term OJT
15-2021	Mathematicians	69	70	1	1.45	2	0	2	\$115,470	Master's degree	None	None
15-2031	Operations Research Analysts	1,946	2,070	124	6.37	38	62	100	\$100,630	Bachelor's degree	None	None
15-2041	Statisticians	1,049	1,063	14	1.33	30	7	37	\$103,860	Master's degree	None	None
17-0000	Architecture & Engineering Occupations	15,004	15,215	211	1.41	316	146	462	\$96,630			
17-1000	Architects, Surveyors, & Cartographers	2,019	2,096	77	3.81	46	38	84				
17-1011	Architects, Except Landscape & Naval	1,788	1,860	72	4.03	41	36	77	\$79,520	Bachelor's degree	None	Internship/residency
17-1012	Landscape Architects	106	108	2	1.89	2	1	3	\$97,940	Bachelor's degree	None	Internship/residency
17-1022	Surveyors	101	103	2	1.98	2	1	3	\$69,690	Bachelor's degree	Less than 5 years	None
17-2000	Engineers	10,620	10,729	109	1.03	227	86	313				
17-2011	Aerospace Engineers	457	467	10	2.19	8	5	13	\$127,510	Bachelor's degree	None	None
17-2041	Chemical Engineers	123	121	-2	-1.63	3	0	3	\$114,810	Bachelor's degree	None	None
17-2051	Civil Engineers	965	989	24	2.49	22	12	34	\$84,820	Bachelor's degree	None	None
17-2061	Computer Hardware Engineers	1,482	1,567	85	5.74	32	42	74	\$113,420	Bachelor's degree	None	None
17-2071	Electrical Engineers	535	542	7	1.31	12	4	16	\$102,710	Bachelor's degree	None	None
17-2072	Electronics Engineers, Except Computer	1,048	1,053	5	0.48	22	2	24	\$115,740	Bachelor's degree	None	None
17-2081	Environmental Engineers	539	539	0	0.00	13	0	13	\$97,930	Bachelor's degree	None	None
17-2111	Health & Safety Engineers, Except Mining Safety Engineers & Inspectors	98	100	2	2.04	3	1	4	\$97,930	Bachelor's degree	None	None
17-2112	Industrial Engineers	358	373	15	4.19	10	8	18	\$89,380	Bachelor's degree	None	None
17-2121	Marine Engineers & Naval Architects	299	294	-5	-1.67	7	0	7	\$119,240	Bachelor's degree	None	None
17-2131	Materials Engineers	78	76	-2	-2.56	2	0	2	N/A	Bachelor's degree	None	None
17-2141	Mechanical Engineers	866	888	22	2.54	29	11	40	\$89,840	Bachelor's degree	None	None
17-2161	Nuclear Engineers	219	215	-4	-1.83	5	0	5	\$156,060	Bachelor's degree	None	None
17-2199	Engineers, All Other	3,483	3,434	-49	-1.41	58	0	58	\$129,760	Bachelor's degree	None	None
17-3000	Drafters, Engineering Technicians, & Mapping Technicians	2,365	2,390	25	1.06	44	22	66				
17-3011	Architectural & Civil Drafters	454	461	7	1.54	6	4	10	\$48,050	Associate's degree	None	None
17-3012	Electrical & Electronics Drafters	79	81	2	2.53	1	1	2	\$56,710	Associate's degree	None	None
17-3022	Civil Engineering Technicians	416	410	-6	-1.44	8	0	8	\$64,110	Associate's degree	None	None
17-3023	Electrical & Electronics Engineering Technicians	499	515	16	3.21	10	8	18	\$74,190	Associate's degree	None	None
17-3026	Industrial Engineering Technicians	122	128	6	4.92	2	3	5	N/A	Associate's degree	None	None

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17-3029	Engineering Technicians, Except Drafters, All Other	596	584	-12	-2.01	12	0	12	\$84,860	Associate's degree	None	None
19-0000	Life, Physical, & Social Science Occupations	23,419	23,546	127	0.54	560	124	684	\$94,960			
19-1000	Life Scientists	1,442	1,427	-15	-1.04	38	2	40				
19-1013	Soil & Plant Scientists	113	111	-2	-1.77	4	0	4	N/A	Bachelor's degree	None	None
19-1022	Microbiologists	110	109	-1	-0.91	3	0	3	\$103,860	Bachelor's degree	None	None
19-1023	Zoologists & Wildlife Biologists	129	126	-3	-2.33	4	0	4	\$97,930	Bachelor's degree	None	None
19-1029	Biological Scientists, All Other	423	415	-8	-1.89	12	0	12	\$93,610	Bachelor's degree	None	None
19-1031	Conservation Scientists	183	182	-1	-0.55	6	0	6	\$74,830	Bachelor's degree	None	None
19-1042	Medical Scientists, Except Epidemiologists	367	364	-3	-0.82	7	0	7	\$103,330	PhD or Prof. degree	None	None
19-2000	Physical Scientists	4,196	4,155	-41	-0.98	104	2	106				
19-2011	Astronomers	180	180	0	0.00	4	0	4	N/A	PhD or Prof. degree	None	None
19-2012	Physicists	632	623	-9	-1.42	14	0	14	\$122,930	PhD or Prof. degree	None	None
19-2021	Atmospheric & Space Scientists	72	74	2	2.78	2	1	3	N/A	Bachelor's degree	None	None
19-2031	Chemists	430	423	-7	-1.63	12	0	12	\$112,760	Bachelor's degree	None	None
19-2041	Environmental Scientists & Specialists, Including Health	1,794	1,778	-16	-0.89	52	0	52	\$109,820	Bachelor's degree	None	None
19-2042	Geoscientists, Except Hydrologists & Geographers	108	108	0	0.00	3	0	3	N/A	Bachelor's degree	None	None
19-2099	Physical Scientists, All Other	913	900	-13	-1.42	16	0	16	\$119,240	Bachelor's degree	None	None
19-3000	Social Scientists & Related Workers	15,189	15,310	121	0.80	318	84	402				
19-3011	Economists	5,166	5,147	-19	-0.37	160	0	160	\$109,820	Master's degree	None	None
19-3022	Survey Researchers	614	629	15	2.44	8	8	16	\$58,340	Master's degree	None	None
19-3031	Clinical, Counseling, & School Psychologists	544	566	22	4.04	16	11	27	\$78,740	PhD or Prof. degree	None	Internship/residency
19-3032	Industrial-Organizational Psychologists	100	108	8	8.00	3	4	7	N/A	Master's degree	None	Internship/residency
19-3039	Psychologists, All Other	246	250	4	1.63	7	2	9	\$92,000	Master's degree	None	Internship/residency
19-3041	Sociologists	550	571	21	3.82	14	10	24	\$95,340	Master's degree	None	None
19-3051	Urban & Regional Planners	236	236	0	0.00	9	0	9	N/A	Master's degree	None	None
19-3091	Anthropologists & Archeologists	61	60	-1	-1.64	1	0	1	\$94,960	Master's degree	None	None
19-3093	Historians	581	583	2	0.34	8	1	9	\$94,970	Master's degree	None	None
19-3094	Political Scientists	3,457	3,552	95	2.75	46	48	94	\$112,780	Master's degree	None	None
19-3099	Social Scientists & Related Workers, All Other	3,616	3,589	-27	-0.75	48	0	48	\$89,850	Bachelor's degree	None	None
19-4000	Life, Physical, & Social Science Technicians	2,592	2,654	62	2.39	100	37	137				
19-4021	Biological Technicians	160	160	0	0.00	5	0	5	\$43,860	Bachelor's degree	None	None
19-4031	Chemical Technicians	75	76	1	1.33	2	0	2	N/A	Associate's degree	None	Moderate-term OJT
19-4061	Social Science Research Assistants	1,727	1,797	70	4.05	69	35	104	\$43,880	Associate's degree	None	None
19-4091	Environmental Science & Protection Technicians, Including Health	124	127	3	2.42	5	2	7	\$27,000	Associate's degree	None	None
19-4092	Forensic Science Technicians	112	108	-4	-3.57	4	0	4	\$69,670	Bachelor's degree	None	Moderate-term OJT
19-4099	Life, Physical, & Social Science Technicians, All Other	366	359	-7	-1.91	14	0	14	\$56,270	Associate's degree	None	None
21-0000	Community & Social Service Occupations	10,959	11,203	244	2.23	239	124	363	\$47,800			
21-1000	Counselors, Social Workers, & Other Community & Social Service Specialists	10,410	10,642	232	2.23	226	118	344				
21-1011	Substance Abuse & Behavioral Disorder Counselors	364	375	11	3.02	8	6	14	\$41,550	HS or EQ	None	Moderate-term OJT
21-1012	Educational, Guidance, School, & Vocational Counselors	1,627	1,692	65	4.00	33	32	65	\$59,760	Master's degree	None	None
21-1014	Mental Health Counselors	358	361	3	0.84	7	2	9	\$37,510	Master's degree	None	Internship/residency
21-1015	Rehabilitation Counselors	720	727	7	0.97	14	4	18	\$38,930	Master's degree	None	None
21-1021	Child, Family, & School Social Workers	1,860	1,896	36	1.94	38	18	56	\$53,190	Bachelor's degree	None	None
21-1022	Healthcare Social Workers	388	402	14	3.61	8	7	15	\$66,860	Master's degree	None	None
21-1023	Mental Health & Substance Abuse Social Workers	802	814	12	1.50	16	6	22	\$51,400	Bachelor's degree	None	None
21-1029	Social Workers, All Other	634	643	9	1.42	13	4	17	\$68,090	Bachelor's degree	None	None
21-1091	Health Educators	746	761	15	2.01	18	8	26	\$75,430	Bachelor's degree	None	None
21-1092	Probation Officers & Correctional Treatment Specialists	104	102	-2	-1.92	2	0	2	\$60,210	Bachelor's degree	None	Short-term OJT
21-1093	Social & Human Service Assistants	1,544	1,577	33	2.14	38	16	54	\$40,310	HS or EQ	None	Short-term OJT
21-1099	Community & Social Service Specialists, All Other	1,230	1,260	30	2.44	30	15	45	\$35,950	Master's degree	None	None
21-2000	Religious Workers	549	561	12	2.19	12	6	18				
21-2011	Clergy	324	332	8	2.47	6	4	10	\$61,300	Bachelor's degree	None	Moderate-term OJT
21-2021	Directors, Religious Activities & Education	175	178	3	1.71	6	2	8	\$59,490	Bachelor's degree	Less than 5 years	None

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21-2099	Religious Workers, All Other	50	51	1	2.00	1	0	1		Bachelor's degree	None	None
23-0000	Legal Occupations	44,132	45,489	1,357	3.07	652	684	1,336	\$137,520			
23-1000	Lawyers, Judges, & Related Workers	34,678	35,708	1,030	2.97	512	520	1,032				
23-1011	Lawyers	33,796	34,815	1,019	3.02	500	510	1,010	\$153,680	PhD or Prof. degree	None	None
23-1012	Judicial Law Clerks	322	343	21	6.52	4	10	14	N/A	PhD or Prof. degree	None	None
23-1021	Administrative Law Judges, Adjudicators, & Hearing Officers	431	420	-11	-2.55	6	0	6	N/A	PhD or Prof. degree	Less than 5 years	Short-term OJT
23-1022	Arbitrators, Mediators, & Conciliators	129	130	1	0.78	2	0	2	\$92,000	Bachelor's degree	Less than 5 years	Moderate-term OJT
23-2000	Legal Support Workers	9,454	9,781	327	3.46	139	164	303				
23-2011	Paralegals & Legal Assistants	7,052	7,361	309	4.38	104	154	258	\$71,980	Associate's degree	None	None
23-2091	Court Reporters	315	329	14	4.44	4	7	11	N/A	Postsec. non-degree	None	Short-term OJT
23-2093	Title Examiners, Abstractors, & Searchers	38	42	4	10.53	0	2	2		HS or EQ	None	Short-term OJT
23-2099	Legal Support Workers, All Other	2,049	2,049	0	0.00	30	0	30	\$56,080	HS or EQ	None	Short-term OJT
25-0000	Education, Training, & Library Occupations	37,474	39,132	1,658	4.42	659	832	1,491	\$58,290			
25-1000	Postsecondary Teachers	15,097	15,553	456	3.02	208	228	436				
25-1011	Business Teachers, Postsecondary	1,152	1,176	24	2.08	16	12	28	\$108,210	PhD or Prof. degree	None	None
25-1021	Computer Science Teachers, Postsecondary	287	292	5	1.74	4	2	6	\$97,900	PhD or Prof. degree	None	None
25-1022	Mathematical Science Teachers, Postsecondary	385	392	7	1.82	6	4	10	\$84,350	PhD or Prof. degree	None	None
25-1031	Architecture Teachers, Postsecondary	429	437	8	1.86	6	4	10	N/A	PhD or Prof. degree	None	None
25-1032	Engineering Teachers, Postsecondary	415	420	5	1.20	6	2	8	N/A	PhD or Prof. degree	None	None
25-1041	Agricultural Sciences Teachers, Postsecondary	85	86	1	1.18	1	0	1	N/A	PhD or Prof. degree	None	None
25-1042	Biological Science Teachers, Postsecondary	279	287	8	2.87	4	4	8	\$91,040	PhD or Prof. degree	None	None
25-1052	Chemistry Teachers, Postsecondary	138	140	2	1.45	2	1	3	\$86,780	PhD or Prof. degree	None	None
25-1054	Physics Teachers, Postsecondary	139	141	2	1.44	2	1	3	\$84,620	PhD or Prof. degree	None	None
25-1061	Anthropology & Archeology Teachers, Postsecondary	100	101	1	1.00	2	0	2	\$76,670	PhD or Prof. degree	None	None
25-1062	Area, Ethnic, & Cultural Studies Teachers, Postsecondary	111	113	2	1.80	2	1	3	\$43,190	PhD or Prof. degree	None	None
25-1063	Economics Teachers, Postsecondary	271	276	5	1.85	4	2	6	\$101,780	PhD or Prof. degree	None	None
25-1065	Political Science Teachers, Postsecondary	888	905	17	1.91	12	8	20	\$64,500	PhD or Prof. degree	None	None
25-1066	Psychology Teachers, Postsecondary	327	334	7	2.14	4	4	8	\$81,740	PhD or Prof. degree	None	None
25-1067	Sociology Teachers, Postsecondary	168	171	3	1.79	2	2	4	\$74,240	PhD or Prof. degree	None	None
25-1071	Health Specialties Teachers, Postsecondary	2,873	3,052	179	6.23	40	90	130	\$111,590	PhD or Prof. degree	Less than 5 years	None
25-1072	Nursing Instructors & Teachers, Postsecondary	632	673	41	6.49	8	20	28	\$79,200	Master's degree	Less than 5 years	None
25-1081	Education Teachers, Postsecondary	425	434	9	2.12	6	4	10	\$56,920	PhD or Prof. degree	None	None
25-1111	Criminal Justice & Law Enforcement Teachers, Postsecondary	211	216	5	2.37	3	2	5	\$59,500	PhD or Prof. degree	None	None
25-1112	Law Teachers, Postsecondary	1,066	1,090	24	2.25	14	12	26	\$78,350	PhD or Prof. degree	None	None
25-1113	Social Work Teachers, Postsecondary	287	291	4	1.39	4	2	6	\$72,750	PhD or Prof. degree	None	None
25-1121	Art, Drama, & Music Teachers, Postsecondary	759	778	19	2.50	10	10	20	\$64,670	Master's degree	None	None
25-1122	Communications Teachers, Postsecondary	522	532	10	1.92	7	5	12	\$74,410	PhD or Prof. degree	None	None
25-1123	English Language & Literature Teachers, Postsecondary	738	751	13	1.76	10	6	16	\$57,690	PhD or Prof. degree	None	None
25-1124	Foreign Language & Literature Teachers, Postsecondary	394	404	10	2.54	6	5	11	\$54,140	PhD or Prof. degree	None	None
25-1125	History Teachers, Postsecondary	297	303	6	2.02	4	3	7	\$83,890	PhD or Prof. degree	None	None
25-1126	Philosophy & Religion Teachers, Postsecondary	311	319	8	2.57	4	4	8	\$76,150	PhD or Prof. degree	None	None
25-1191	Graduate Teaching Assistants	661	667	6	0.91	9	3	12	N/A	Bachelor's degree	None	None
25-1193	Recreation & Fitness Studies Teachers, Postsecondary	99	101	2	2.02	2	1	3	\$65,920	PhD or Prof. degree	None	None
25-1194	Vocational Education Teachers, Postsecondary	211	224	13	6.16	3	6	9	\$71,600	Bachelor's degree	Less than 5 years	None
25-1199	Postsecondary Teachers, All Other	298	304	6	2.01	4	3	7	\$51,390	PhD or Prof. degree	None	None
25-2000	Preschool, Primary, Secondary, & Special Education School Teachers	7,087	7,611	524	7.39	166	262	428				
25-2011	Preschool Teachers, Except Special Education	1,334	1,378	44	3.30	36	22	58	\$29,520	Associate's degree	None	None
25-2012	Kindergarten Teachers, Except Special Education	259	280	21	8.11	7	10	17	\$37,610	Bachelor's degree	None	Internship/residency
25-2021	Elementary School Teachers, Except Special Education	2,518	2,750	232	9.21	54	116	170	\$58,220	Bachelor's degree	None	Internship/residency
25-2022	Middle School Teachers, Except Special & Career/Tech. Education	651	712	61	9.37	14	30	44	\$58,970	Bachelor's degree	None	Internship/residency
25-2031	Secondary School Teachers, Except Special & Career/Tech. Education	1,550	1,663	113	7.29	42	56	98	\$54,730	Bachelor's degree	None	Internship/residency
25-2052	Special Education Teachers, Kindergarten & Elementary School	386	409	23	5.96	6	12	18	\$57,890	Bachelor's degree	None	Internship/residency
25-2053	Special Education Teachers, Middle School	131	141	10	7.63	2	5	7	\$55,560	Bachelor's degree	None	Internship/residency

DISTRICT OF COLUMBIA SHORT-TERM OCCUPATIONAL PROJECTIONS, 2014 - 2016*

Soccode	Occupational Title	Employment		Change 2014-2016		Average Annual Openings			Annual	Education Value	Work Experience	Job Training
		2014	2016	Numeric	Percent	Replacement	Growth	Total	Median Wage**			
25-2054	Special Education Teachers, Secondary School	219	235	16	7.31	4	8	12	\$57,050	Bachelor's degree	None	Internship/residency
25-3000	Other Teachers & Instructors	5,913	6,270	357	6.04	96	178	274				
25-3011	Adult Basic & Secondary Education & Literacy Teachers & Instructors	199	204	5	2.51	3	2	5	\$53,350	Bachelor's degree	None	Internship/residency
25-3021	Self-Enrichment Education Teachers	854	910	56	6.56	14	28	42	\$55,960	HS or EQ	Less than 5 years	None
25-3099	Teachers & Instructors, All Other	4,860	5,156	296	6.09	78	148	226	\$67,510	Bachelor's degree	None	Internship/residency
25-4000	Librarians, Curators, & Archivists	3,240	3,260	20	0.62	97	13	110				
25-4011	Archivists	137	136	-1	-0.73	2	0	2	\$77,240	Master's degree	None	None
25-4012	Curators	209	211	2	0.96	4	1	5	\$74,870	Master's degree	None	None
25-4013	Museum Technicians & Conservators	851	846	-5	-0.59	16	0	16	\$61,960	Bachelor's degree	None	None
25-4021	Librarians	1,302	1,322	20	1.54	31	10	41	\$72,870	Master's degree	None	None
25-4031	Library Technicians	741	745	4	0.54	44	2	46	\$43,320	Postsec. non-degree	None	None
25-9000	Other Education, Training, & Library Occupations	6,137	6,438	301	4.90	92	150	242				
25-9011	Audio-Visual & Multimedia Collections Specialists	64	65	1	1.56	0	0	0	\$54,190	Bachelor's degree	Less than 5 years	None
25-9031	Instructional Coordinators	1,924	1,984	60	3.12	10	30	40	\$73,340	Master's degree	5 years or more	None
25-9041	Teacher Assistants	3,712	3,946	234	6.30	79	117	196	\$27,660	Some college, no degree	None	None
25-9099	Education, Training, & Library Workers, All Other	437	443	6	1.37	2	3	5	\$48,350	Bachelor's degree	None	None
27-0000	Arts, Design, Entertainment, Sports, & Media Occupations	30,841	31,455	614	1.99	638	352	990	\$75,570			
27-1000	Art & Design Workers	5,575	5,592	17	0.30	140	32	172				
27-1011	Art Directors	329	339	10	3.04	8	5	13	\$94,210	Bachelor's degree	5 years or more	None
27-1014	Multimedia Artists & Animators	122	126	4	3.28	3	2	5	\$79,020	Bachelor's degree	None	Moderate-term OJT
27-1019	Artists & Related Workers, All Other	2,136	2,094	-42	-1.97	52	0	52	\$87,350	HS or EQ	None	Long-term OJT
27-1023	Floral Designers	84	78	-6	-7.14	2	0	2	\$24,690	HS or EQ	None	Moderate-term OJT
27-1024	Graphic Designers	1,786	1,809	23	1.29	46	12	58	\$70,280	Bachelor's degree	None	None
27-1025	Interior Designers	634	651	17	2.68	16	8	24	\$64,260	Bachelor's degree	None	None
27-1026	Merch&ise Displayers & Window Trimmers	217	227	10	4.61	6	5	11	\$28,970	HS or EQ	None	Moderate-term OJT
27-1027	Set & Exhibit Designers	194	194	0	0.00	5	0	5	\$61,960	Bachelor's degree	None	None
27-2000	Entertainers & Performers, Sports & Related Workers	3,542	3,681	139	3.92	106	70	176				
27-2011	Actors	659	691	32	4.86	22	16	38	N/A	Some college, no degree	None	Long-term OJT
27-2012	Producers & Directors	1,660	1,708	48	2.89	52	24	76	\$86,510	Bachelor's degree	Less than 5 years	None
27-2021	Athletes & Sports Competitors	133	142	9	6.77	4	4	8	N/A	HS or EQ	None	Long-term OJT
27-2022	Coaches & Scouts	648	675	27	4.17	20	14	34	\$42,190	Bachelor's degree	None	None
27-2031	Dancers	72	78	6	8.33	2	3	5	N/A	HS or EQ	None	Long-term OJT
27-2041	Music Directors & Composers	137	145	8	5.84	4	4	8	\$55,900	Bachelor's degree	Less than 5 years	None
27-2042	Musicians & Singers	121	126	5	4.13	3	2	5	N/A	HS or EQ	None	Long-term OJT
27-2099	Entertainers & Performers, Sports & Related Workers, All Other	108	112	4	3.70	1	2	3	N/A	HS or EQ	None	None
27-3000	Media & Communication Workers	19,266	19,690	424	2.20	361	226	587				
27-3011	Radio & Television Announcers	212	219	7	3.30	4	4	8	\$52,540	Bachelor's degree	None	None
27-3021	Broadcast News Analysts	380	395	15	3.95	12	8	20	\$60,570	Bachelor's degree	None	None
27-3022	Reporters & Correspondents	2,012	1,984	-28	-1.39	67	0	67	\$64,010	Bachelor's degree	None	None
27-3031	Public Relations Specialists	9,355	9,674	319	3.41	115	160	275	\$84,920	Bachelor's degree	None	None
27-3041	Editors	3,495	3,513	18	0.52	84	9	93	\$71,520	Bachelor's degree	Less than 5 years	None
27-3042	Tech. Writers	1,149	1,181	32	2.79	32	16	48	\$79,250	Bachelor's degree	Less than 5 years	Short-term OJT
27-3043	Writers & Authors	1,995	2,012	17	0.85	40	8	48	\$87,270	Bachelor's degree	None	Moderate-term OJT
27-3091	Interpreters & Translators	454	488	34	7.49	4	17	21	\$73,130	Bachelor's degree	None	Short-term OJT
27-3099	Media & Communication Workers, All Other	200	209	9	4.50	2	4	6	\$60,040	HS or EQ	None	Short-term OJT
27-4000	Media & Communication Equipment Workers	2,458	2,492	34	1.38	31	24	55				
27-4011	Audio & Video Equipment Technicians	386	409	23	5.96	6	12	18	\$47,130	Postsec. non-degree	None	Short-term OJT
27-4012	Broadcast Technicians	602	615	13	2.16	10	6	16	\$72,140	Associate's degree	None	Short-term OJT
27-4013	Radio Operators	98	94	-4	-4.08	2	0	2	\$50,910	HS or EQ	None	Short-term OJT
27-4014	Sound Engineering Technicians	118	124	6	5.08	2	3	5	\$54,680	Postsec. non-degree	None	Short-term OJT
27-4021	Photographers	359	362	3	0.84	4	2	6	\$61,280	HS or EQ	None	Long-term OJT
27-4031	Camera Operators, Television, Video, & Motion Picture	262	266	4	1.53	1	2	3	\$73,670	Bachelor's degree	None	None
27-4032	Film & Video Editors	80	80	0	0.00	0	0	0	\$73,570	Bachelor's degree	None	None

DISTRICT OF COLUMBIA SHORT-TERM OCCUPATIONAL PROJECTIONS, 2014 - 2016*

Soccode	Occupational Title	Employment		Change 2014-2016		Average Annual Openings			Annual	Education Value	Work Experience	Job Training
		2014	2016	Numeric	Percent	Replacement	Growth	Total	Median Wage**			
27-4099	Media & Communication Equipment Workers, All Other	553	542	-11	-1.99	6	0	6	\$94,960	HS or EQ	None	Short-term OJT
29-0000	Healthcare Practitioners & Tech. Occupations	29,922	30,553	631	2.11	560	343	903	\$72,170			
29-1000	Health Diagnosing & Treating Practitioners	18,750	19,155	405	2.16	345	208	553				
29-1021	Dentists, General	255	259	4	1.57	6	2	8	\$115,300	PhD or Prof. degree	None	None
29-1031	Dietitians & Nutritionists	412	427	15	3.64	4	8	12	\$54,820	Bachelor's degree	None	Internship/residency
29-1041	Optometrists	86	89	3	3.49	2	2	4	\$100,280	PhD or Prof. degree	None	None
29-1051	Pharmacists	715	735	20	2.80	16	10	26	\$115,220	PhD or Prof. degree	None	None
29-1061	Anesthesiologists	74	76	2	2.70	2	1	3	N/A	PhD or Prof. degree	None	Internship/residency
29-1062	Family & General Practitioners	388	400	12	3.09	9	6	15	\$158,550	PhD or Prof. degree	None	Internship/residency
29-1063	Internists, General	193	200	7	3.63	4	4	8	N/A	PhD or Prof. degree	None	Internship/residency
29-1064	Obstetricians & Gynecologists	53	54	1	1.89	2	0	2	N/A	PhD or Prof. degree	None	Internship/residency
29-1065	Pediatricians, General	179	180	1	0.56	4	0	4	\$68,480	PhD or Prof. degree	None	Internship/residency
29-1066	Psychiatrists	265	261	-4	-1.51	6	0	6	\$158,640	PhD or Prof. degree	None	Internship/residency
29-1067	Surgeons	296	310	14	4.73	7	7	14	N/A	PhD or Prof. degree	None	Internship/residency
29-1069	Physicians & Surgeons, All Other	2,088	2,112	24	1.15	50	12	62	\$100,290	PhD or Prof. degree	None	Internship/residency
29-1071	Physician Assistants	598	618	20	3.34	9	10	19	\$81,870	Master's degree	None	None
29-1122	Occupational Therapists	152	161	9	5.92	1	4	5	\$83,940	Master's degree	None	None
29-1123	Physical Therapists	412	429	17	4.13	10	8	18	\$82,110	PhD or Prof. degree	None	None
29-1124	Radiation Therapists	157	162	5	3.18	3	2	5	\$73,530	Associate's degree	None	None
29-1125	Recreational Therapists	109	109	0	0.00	2	0	2	\$51,070	Bachelor's degree	None	None
29-1126	Respiratory Therapists	338	342	4	1.18	4	2	6	\$62,250	Associate's degree	None	None
29-1127	Speech-Language Pathologists	395	412	17	4.30	5	8	13	\$80,950	Master's degree	None	None
29-1128	Exercise Physiologists	87	86	-1	-1.15	1	0	1	N/A	Bachelor's degree	None	None
29-1131	Veterinarians	111	113	2	1.80	4	1	5	\$95,380	PhD or Prof. degree	None	None
29-1141	Registered Nurses	10,606	10,844	238	2.24	180	119	299	\$76,310	Associate's degree	None	None
29-1181	Audiologists	78	80	2	2.56	2	1	3	\$78,320	PhD or Prof. degree	None	None
29-1199	Health Diagnosing & Treating Practitioners, All Other	646	640	-6	-0.93	12	0	12	\$106,390	Master's degree	None	None
29-2000	Health Technologists & Technicians	9,521	9,730	209	2.20	178	122	300				
29-2011	Medical & Clinical Laboratory Technologists	979	984	5	0.51	24	2	26	\$62,240	Bachelor's degree	None	None
29-2012	Medical & Clinical Laboratory Technicians	715	747	32	4.48	18	16	34	\$45,700	Associate's degree	None	None
29-2021	Dental Hygienists	534	549	15	2.81	12	8	20	\$102,210	Associate's degree	None	None
29-2031	Cardiovascular Technologists & Technicians	97	101	4	4.12	1	2	3	\$69,100	Associate's degree	None	None
29-2032	Diagnostic Medical Sonographers	91	99	8	8.79	1	4	5	\$69,150	Associate's degree	None	None
29-2033	Nuclear Medicine Technologists	30	31	1	3.33	0	0	0	\$81,540	Associate's degree	None	None
29-2034	Radiologic Technologists	830	853	23	2.77	10	12	22	\$67,840	Associate's degree	None	None
29-2041	Emergency Medical Technicians & Paramedics	1,130	1,099	-31	-2.74	28	0	28	\$52,440	Postsec. non-degree	None	None
29-2052	Pharmacy Technicians	740	766	26	3.51	6	13	19	\$38,610	HS or EQ	None	Moderate-term OJT
29-2053	Psychiatric Technicians	478	473	-5	-1.05	4	0	4	\$33,470	Postsec. non-degree	None	Short-term OJT
29-2055	Surgical Technologists	606	632	26	4.29	5	13	18	\$46,570	Postsec. non-degree	None	None
29-2056	Veterinary Technologists & Technicians	73	77	4	5.48	0	2	2	\$40,280	Associate's degree	None	None
29-2061	Licensed Practical & Licensed Vocational Nurses	2,029	2,102	73	3.60	47	36	83	\$49,840	Postsec. non-degree	None	None
29-2071	Medical Records & Health Information Technicians	579	591	12	2.07	14	6	20	N/A	Postsec. non-degree	None	None
29-2081	Opticians, Dispensing	213	220	7	3.29	6	4	10	\$44,820	HS or EQ	None	Long-term OJT
29-2099	Health Technologists & Technicians, All Other	347	355	8	2.31	3	4	7	\$47,520	HS or EQ	None	None
29-9000	Other Healthcare Practitioners & Tech. Occupations	1,651	1,668	17	1.03	36	12	48				
29-9011	Occupational Health & Safety Specialists	485	482	-3	-0.62	11	0	11	\$82,050	Bachelor's degree	None	Short-term OJT
29-9012	Occupational Health & Safety Technicians	162	158	-4	-2.47	4	0	4	\$46,560	HS or EQ	None	Moderate-term OJT
29-9091	Athletic Trainers	54	56	2	3.70	1	1	2	\$54,730	Bachelor's degree	None	None
29-9099	Healthcare Practitioners & Tech. Workers, All Other	950	972	22	2.32	21	11	32	\$57,990	Bachelor's degree	None	None
31-0000	Healthcare Support Occupations	12,211	12,894	683	5.59	212	344	556	\$29,330			
31-1000	Nursing, Psychiatric, & Home Health Aides	8,418	8,980	562	6.68	148	284	432				
31-1011	Home Health Aides	4,557	5,040	483	10.60	80	242	322	\$22,920	Less than HS	None	Short-term OJT
31-1013	Psychiatric Aides	399	394	-5	-1.25	7	0	7	N/A	HS or EQ	None	Short-term OJT

DISTRICT OF COLUMBIA SHORT-TERM OCCUPATIONAL PROJECTIONS, 2014 - 2016*

Soccode	Occupational Title	Employment		Change 2014-2016		Average Annual Openings			Annual	Education Value	Work Experience	Job Training
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31-1015	Orderlies	3,462	3,546	84	2.43	60	42	102	\$31,120	HS or EQ	None	Short-term OJT
31-2000	Occupational Therapy & Physical Therapist Assistants & Aides	258	271	13	5.04	5	6	11				
31-2012	Occupational Therapy Aides	50	53	3	6.00	1	2	3	\$43,070	HS or EQ	None	Short-term OJT
31-2021	Physical Therapist Assistants	99	104	5	5.05	2	2	4	\$51,630	Associate's degree	None	None
31-2022	Physical Therapist Aides	85	89	4	4.71	2	2	4	\$28,030	HS or EQ	None	Short-term OJT
31-9000	Other Healthcare Support Occupations	3,535	3,643	108	3.06	60	54	114				
31-9011	Massage Therapists	167	174	7	4.19	2	4	6	\$26,450	Postsec. non-degree	None	None
31-9091	Dental Assistants	488	496	8	1.64	10	4	14	\$39,690	Postsec. non-degree	None	None
31-9092	Medical Assistants	1,605	1,664	59	3.68	28	30	58	\$37,900	Postsec. non-degree	None	None
31-9093	Medical Equipment Preparers	71	73	2	2.82	1	1	2	\$34,460	HS or EQ	None	Moderate-term OJT
31-9094	Medical Transcriptionists	55	55	0	0.00	1	0	1	\$44,360	Postsec. non-degree	None	None
31-9095	Pharmacy Aides	124	127	3	2.42	2	2	4	\$40,740	HS or EQ	None	Short-term OJT
31-9096	Veterinary Assistants & Laboratory Animal Caretakers	117	120	3	2.56	2	2	4	\$33,590	HS or EQ	None	Short-term OJT
31-9099	Healthcare Support Workers, All Other	908	934	26	2.86	16	13	29	\$40,240	HS or EQ	None	None
33-0000	Protective Service Occupations	28,845	29,013	168	0.58	597	240	837	\$48,930			
33-1000	Supervisors of Protective Service Workers	2,372	2,321	-51	-2.15	69	2	71				
33-1011	1st-Line Supervisors of Correctional Officers	70	68	-2	-2.86	2	0	2	\$66,620	HS or EQ	Less than 5 years	Moderate-term OJT
33-1012	1st-Line Supervisors of Police & Detectives	1,576	1,531	-45	-2.86	48	0	48	\$118,720	HS or EQ	Less than 5 years	Moderate-term OJT
33-1021	1st-Line Supervisors of Fire Fighting & Prevention Workers	162	155	-7	-4.32	6	0	6	N/A	Postsec. non-degree	Less than 5 years	Moderate-term OJT
33-1099	1st-Line Supervisors of Protective Service Workers, All Other	564	567	3	0.53	12	2	14	\$52,480	HS or EQ	Less than 5 years	None
33-2000	Fire Fighting & Prevention Workers	715	685	-30	-4.20	18	0	18				
33-2011	Firefighters	662	635	-27	-4.08	17	0	17	N/A	Postsec. non-degree	None	Long-term OJT
33-2021	Fire Inspectors & Investigators	53	50	-3	-5.66	2	0	2	N/A	HS or EQ	5 years or more	Moderate-term OJT
33-3000	Law Enforcement Workers	10,382	10,186	-196	-1.89	272	12	284				
33-3012	Correctional Officers & Jailers	1,396	1,421	25	1.79	36	12	48	\$47,800	HS or EQ	None	Moderate-term OJT
33-3021	Detectives & Criminal Investigators	3,324	3,294	-30	-0.90	63	0	63	\$126,110	HS or EQ	Less than 5 years	Moderate-term OJT
33-3041	Parking Enforcement Workers	257	245	-12	-4.67	7	0	7	\$46,790	HS or EQ	None	Short-term OJT
33-3051	Police & Sheriff's Patrol Officers	5,405	5,226	-179	-3.31	166	0	166	\$68,480	HS or EQ	None	Moderate-term OJT
33-9000	Other Protective Service Workers	15,376	15,821	445	2.89	238	226	464				
33-9021	Private Detectives & Investigators	330	340	10	3.03	10	5	15	N/A	HS or EQ	Less than 5 years	Moderate-term OJT
33-9032	Security Guards	14,733	15,175	442	3.00	208	221	429	\$33,090	HS or EQ	None	Short-term OJT
33-9091	Crossing Guards	121	116	-5	-4.13	2	0	2	\$29,960	HS or EQ	None	Short-term OJT
33-9099	Protective Service Workers, All Other	136	133	-3	-2.21	14	0	14	\$34,210	HS or EQ	None	Short-term OJT
35-0000	Food Preparation & Serving Related Occupations	53,724	57,097	3,373	6.28	2,366	1,686	4,052	\$22,190			
35-1000	Supervisors of Food Preparation & Serving Workers	5,400	5,747	347	6.43	124	174	298				
35-1011	Chefs & Head Cooks	2,435	2,570	135	5.54	35	68	103	\$56,960	HS or EQ	5 years or more	None
35-1012	1st-Line Supervisors of Food Preparation & Serving Workers	2,965	3,177	212	7.15	88	106	194	\$39,920	HS or EQ	Less than 5 years	None
35-2000	Cooks & Food Preparation Workers	13,286	14,125	839	6.31	308	420	728				
35-2011	Cooks, Fast Food	1,492	1,570	78	5.23	30	39	69	\$19,060	Less than HS	None	Short-term OJT
35-2012	Cooks, Institution & Cafeteria	1,492	1,587	95	6.37	30	48	78	\$29,790	Less than HS	None	Short-term OJT
35-2014	Cooks, Restaurant	5,815	6,267	452	7.77	116	226	342	\$28,570	Less than HS	Less than 5 years	Moderate-term OJT
35-2015	Cooks, Short Order	911	955	44	4.83	18	22	40	\$23,240	Less than HS	None	Short-term OJT
35-2019	Cooks, All Other	113	121	8	7.08	2	4	6	\$31,050	Less than HS	None	Moderate-term OJT
35-2021	Food Preparation Workers	3,448	3,609	161	4.67	112	80	192	\$21,140	Less than HS	None	Short-term OJT
35-3000	Food & Beverage Serving Workers	24,356	25,904	1,548	6.36	1,202	774	1,976				
35-3011	Bartenders	2,994	3,207	213	7.11	109	106	215	\$19,420	Less than HS	None	Short-term OJT
35-3021	Combined Food Preparation & Serving Workers, Including Fast Food	8,034	8,638	604	7.52	385	302	687	\$22,090	Less than HS	None	Short-term OJT
35-3022	Counter Attendants, Cafeteria, Food Concession, & Coffee Shop	1,312	1,365	53	4.04	126	26	152	\$19,440	Less than HS	None	Short-term OJT
35-3031	Waiters & Waitresses	10,178	10,773	595	5.85	528	298	826	\$18,980	Less than HS	None	Short-term OJT
35-3041	Food Servers, Nonrestaurant	1,838	1,921	83	4.52	54	42	96	\$25,440	Less than HS	None	Short-term OJT
35-9000	Other Food Preparation & Serving Related Workers	10,682	11,321	639	5.98	732	320	1,052				
35-9011	Dining Room & Cafeteria Attendants & Bartender Helpers	4,536	4,816	280	6.17	256	140	396	\$19,200	Less than HS	None	Short-term OJT
35-9021	Dishwashers	3,568	3,770	202	5.66	205	101	306	\$21,080	Less than HS	None	Short-term OJT

DISTRICT OF COLUMBIA SHORT-TERM OCCUPATIONAL PROJECTIONS, 2014 - 2016*

Soccode	Occupational Title	Employment		Change 2014-2016		Average Annual Openings			Annual	Education Value	Work Experience	Job Training
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35-9031	Hosts & Hostesses, Restaurant, Lounge, & Coffee Shop	2,455	2,606	151	6.15	262	76	338	\$22,730	Less than HS	None	None
35-9099	Food Preparation & Serving Related Workers, All Other	123	129	6	4.88	9	3	12	\$23,320	Less than HS	None	Short-term OJT
37-0000	Building & Grounds Cleaning & Maintenance Occupations	27,313	28,515	1,202	4.40	490	601	1,091	\$30,290			
37-1000	Supervisors of Building & Grounds Cleaning & Maintenance Workers	2,234	2,333	99	4.43	44	50	94				
37-1011	1st-Line Supervisors of Housekeeping & Janitorial Workers	2,081	2,170	89	4.28	43	44	87	\$39,770	HS or EQ	Less than 5 years	None
37-1012	1st-Line Supervisors of L&scaping, Lawn Service, & Groundskeeping Workers	153	163	10	6.54	2	5	7	\$62,820	HS or EQ	Less than 5 years	None
37-2000	Building Cleaning & Pest Control Workers	23,909	24,951	1,042	4.36	416	521	937				
37-2011	Janitors & Cleaners, Except Maids & Housekeeping Cleaners	14,299	14,900	601	4.20	242	300	542	\$28,510	Less than HS	None	Short-term OJT
37-2012	Maids & Housekeeping Cleaners	9,570	10,009	439	4.59	174	220	394	\$33,730	Less than HS	None	Short-term OJT
37-3000	Grounds Maintenance Workers	1,170	1,231	61	5.21	30	30	60				
37-3011	L&scaping & Groundskeeping Workers	983	1,032	49	4.98	25	24	49	\$32,460	Less than HS	None	Short-term OJT
37-3019	Grounds Maintenance Workers, All Other	149	161	12	8.05	4	6	10	\$33,630	Less than HS	None	Short-term OJT
39-0000	Personal Care & Service Occupations	12,424	13,010	586	4.72	312	298	610	\$28,380			
39-1000	Supervisors of Personal Care & Service Workers	463	478	15	3.24	8	8	16				
39-1021	1st-Line Supervisors of Personal Service Workers	463	478	15	3.24	8	8	16	\$45,870	HS or EQ	Less than 5 years	None
39-2000	Animal Care & Service Workers	160	165	5	3.12	2	2	4				
39-2021	Nonfarm Animal Caretakers	153	157	4	2.61	2	2	4	\$23,950	Less than HS	None	Short-term OJT
39-3000	Entertainment Attendants & Related Workers	1,119	1,196	77	6.88	78	39	117				
39-3031	Ushers, Lobby Attendants, & Ticket Takers	694	744	50	7.20	52	25	77	\$19,360	Less than HS	None	Short-term OJT
39-3091	Amusement & Recreation Attendants	254	271	17	6.69	16	8	24	\$19,330	Less than HS	None	Short-term OJT
39-3092	Costume Attendants	125	134	9	7.20	8	4	12	\$34,630	HS or EQ	None	Short-term OJT
39-4000	Funeral Service Workers	78	81	3	3.85	2	2	4				
39-5000	Personal Appearance Workers	1,685	1,763	78	4.63	34	39	73				
39-5011	Barbers	280	290	10	3.57	8	5	13	N/A	Postsec. non-degree	None	None
39-5012	Hairdressers, Hairstylists, & Cosmetologists	1,069	1,118	49	4.58	24	24	48	\$35,040	Postsec. non-degree	None	None
39-5092	Manicurists & Pedicurists	72	76	4	5.56	0	2	2	\$24,980	Postsec. non-degree	None	None
39-5093	Shampooers	144	147	3	2.08	1	2	3	\$19,020	Less than HS	None	Short-term OJT
39-5094	Skincare Specialists	107	119	12	11.21	0	6	6	\$33,710	Postsec. non-degree	None	None
39-6000	Baggage Porters, Bellhops, & Concierges	1,132	1,212	80	7.07	26	40	66				
39-6011	Baggage Porters & Bellhops	599	627	28	4.67	14	14	28	\$28,080	HS or EQ	None	Short-term OJT
39-6012	Concierges	533	585	52	9.76	12	26	38	\$31,440	HS or EQ	None	Moderate-term OJT
39-7000	Tour & Travel Guides	225	233	8	3.56	12	4	16				
39-7011	Tour Guides & Escorts	220	227	7	3.18	11	4	15	\$35,960	HS or EQ	None	Moderate-term OJT
39-9000	Other Personal Care & Service Workers	7,562	7,882	320	4.23	152	165	317				
39-9011	Childcare Workers	2,697	2,764	67	2.48	82	34	116	\$32,720	HS or EQ	None	Short-term OJT
39-9021	Personal Care Aides	2,092	2,288	196	9.37	12	98	110	\$22,310	Less than HS	None	Short-term OJT
39-9031	Fitness Trainers & Aerobics Instructors	791	834	43	5.44	9	22	31	\$35,490	HS or EQ	None	Short-term OJT
39-9032	Recreation Workers	1,023	1,013	-10	-0.98	12	0	12	\$38,780	Bachelor's degree	None	None
39-9041	Residential Advisors	717	733	16	2.23	32	8	40	\$27,210	HS or EQ	None	Short-term OJT
39-9099	Personal Care & Service Workers, All Other	242	250	8	3.31	6	4	10	\$29,100	HS or EQ	None	Short-term OJT
41-0000	Sales & Related Occupations	26,845	28,050	1,205	4.49	880	604	1,484	\$28,430			
41-1000	Supervisors of Sales Workers	2,888	2,975	87	3.01	56	44	100				
41-1011	1st-Line Supervisors of Retail Sales Workers	2,320	2,397	77	3.32	49	38	87	\$42,220	HS or EQ	Less than 5 years	None
41-1012	1st-Line Supervisors of Non-Retail Sales Workers	568	578	10	1.76	8	5	13	\$61,700	HS or EQ	Less than 5 years	None
41-2000	Retail Sales Workers	14,382	15,112	730	5.08	636	365	1,001				
41-2011	Cashiers	6,581	6,808	227	3.45	354	114	468	\$21,110	Less than HS	None	Short-term OJT
41-2021	Counter & Rental Clerks	567	612	45	7.94	16	22	38	\$23,070	Less than HS	None	Short-term OJT
41-2031	Retail Salespersons	7,225	7,682	457	6.33	266	228	494	\$22,620	Less than HS	None	Short-term OJT
41-3000	Sales Reps., Services	3,435	3,505	70	2.04	83	35	118				
41-3011	Advertising Sales Agents	475	482	7	1.47	14	4	18	\$50,120	HS or EQ	None	Moderate-term OJT
41-3021	Insurance Sales Agents	336	348	12	3.57	8	6	14	\$52,550	HS or EQ	None	Moderate-term OJT
41-3031	Securities, Commodities, & Financial Services Sales Agents	904	908	4	0.44	22	2	24	\$83,850	Bachelor's degree	None	Moderate-term OJT
41-3041	Travel Agents	495	512	17	3.43	8	8	16	\$35,560	HS or EQ	None	Moderate-term OJT

DISTRICT OF COLUMBIA SHORT-TERM OCCUPATIONAL PROJECTIONS, 2014 - 2016*

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41-3099	Sales Reps., Services, All Other	1,225	1,255	30	2.45	32	15	47	\$54,830	HS or EQ	None	Short-term OJT
41-4000	Sales Reps., Wholesale & Manufacturing	2,122	2,168	46	2.17	42	23	65				
41-4011	Sales Reps., Wholesale & Manufacturing, Tech. & Scientific Products	992	1,015	23	2.32	20	12	32	\$68,950	Bachelor's degree	None	Moderate-term OJT
41-4012	Sales Reps., Wholesale & Manufacturing, Except Tech. & Scientific Products	1,130	1,153	23	2.04	22	12	34	\$50,280	HS or EQ	None	Moderate-term OJT
41-9000	Other Sales & Related Workers	4,018	4,290	272	6.77	63	137	200				
41-9011	Demonstrators & Product Promoters	263	281	18	6.84	8	9	17	\$30,730	HS or EQ	None	Short-term OJT
41-9021	Real Estate Brokers	492	548	56	11.38	5	28	33	N/A	HS or EQ	Less than 5 years	None
41-9022	Real Estate Sales Agents	1,291	1,406	115	8.91	12	58	70	\$54,150	HS or EQ	None	Long-term OJT
41-9041	Telemarketers	478	515	37	7.74	11	18	29	\$23,210	Less than HS	None	Short-term OJT
41-9099	Sales & Related Workers, All Other	1,446	1,494	48	3.32	26	24	50		HS or EQ	None	None
43-0000	Office & Administrative Support Occupations	105,577	106,731	1,154	1.09	2,023	994	3,017	\$44,980			
43-1000	Supervisors of Office & Administrative Support Workers	5,230	5,390	160	3.06	122	80	202				
43-1011	1st-Line Supervisors of Office & Administrative Support Workers	5,230	5,390	160	3.06	122	80	202	\$63,550	HS or EQ	Less than 5 years	None
43-2000	Communications Equipment Operators	1,029	1,002	-27	-2.62	18	0	18				
43-2011	Switchboard Operators, Including Answering Service	946	918	-28	-2.96	16	0	16	\$35,270	HS or EQ	None	Short-term OJT
43-2099	Communications Equipment Operators, All Other	64	65	1	1.56	2	0	2		HS or EQ	None	Short-term OJT
43-3000	Financial Clerks	9,765	9,964	199	2.04	179	126	305				
43-3011	Bill & Account Collectors	749	775	26	3.47	20	13	33	\$51,930	HS or EQ	None	Moderate-term OJT
43-3021	Billing & Posting Clerks	1,706	1,772	66	3.87	28	33	61	\$45,030	HS or EQ	None	Short-term OJT
43-3031	Bookkeeping, Accounting, & Auditing Clerks	5,003	5,143	140	2.80	46	70	116	\$48,480	HS or EQ	None	Moderate-term OJT
43-3051	Payroll & Timekeeping Clerks	756	775	19	2.51	16	10	26	\$53,460	HS or EQ	None	Moderate-term OJT
43-3061	Procurement Clerks	368	356	-12	-3.26	8	0	8	\$49,380	HS or EQ	None	Moderate-term OJT
43-3071	Tellers	1,183	1,143	-40	-3.38	62	0	62	\$28,150	HS or EQ	None	Short-term OJT
43-4000	Information & Record Clerks	29,883	30,016	133	0.45	736	250	986				
43-4011	Brokerage Clerks	91	90	-1	-1.10	2	0	2	\$54,750	HS or EQ	None	Moderate-term OJT
43-4021	Correspondence Clerks	57	56	-1	-1.75	2	0	2	N/A	HS or EQ	None	Short-term OJT
43-4051	Customer Service Reps.	6,966	7,165	199	2.86	183	100	283	\$35,800	HS or EQ	None	Short-term OJT
43-4061	Eligibility Interviewers, Government Programs	493	489	-4	-0.81	9	0	9	\$53,300	HS or EQ	None	Moderate-term OJT
43-4071	File Clerks	809	819	10	1.24	19	5	24	\$39,850	HS or EQ	None	Short-term OJT
43-4081	Hotel, Motel, & Resort Desk Clerks	970	1,043	73	7.53	48	36	84	\$32,430	HS or EQ	None	Short-term OJT
43-4111	Interviewers, Except Eligibility & Loan	479	493	14	2.92	9	7	16	\$31,020	HS or EQ	None	Short-term OJT
43-4121	Library Assistants, Clerical	1,014	1,040	26	2.56	46	13	59	\$44,430	HS or EQ	None	Short-term OJT
43-4131	Loan Interviewers & Clerks	779	769	-10	-1.28	6	0	6	\$40,260	HS or EQ	None	Short-term OJT
43-4151	Order Clerks	203	198	-5	-2.46	5	0	5	\$33,370	HS or EQ	None	Short-term OJT
43-4161	Human Resources Assistants, Except Payroll & Timekeeping	1,629	1,639	10	0.61	38	5	43	\$47,830	HS or EQ	None	Short-term OJT
43-4171	Receptionists & Information Clerks	7,344	7,512	168	2.29	208	84	292	\$34,760	HS or EQ	None	Short-term OJT
43-4181	Reservation & Transp. Ticket Agents & Travel Clerks	609	599	-10	-1.64	9	0	9	\$37,690	HS or EQ	None	Short-term OJT
43-4199	Information & Record Clerks, All Other	8,350	8,016	-334	-4.00	152	0	152	\$52,040	HS or EQ	None	Short-term OJT
43-5000	Material Recording, Scheduling, Dispatching, & Distributing Workers	6,477	6,492	15	0.23	172	78	250				
43-5021	Couriers & Messengers	202	199	-3	-1.49	2	0	2	\$33,460	HS or EQ	None	Short-term OJT
43-5031	Police, Fire, & Ambulance Dispatchers	109	106	-3	-2.75	3	0	3	\$60,360	HS or EQ	None	Moderate-term OJT
43-5032	Dispatchers, Except Police, Fire, & Ambulance	449	453	4	0.89	12	2	14	\$39,580	HS or EQ	None	Moderate-term OJT
43-5051	Postal Service Clerks	140	126	-14	-10.00	2	0	2	\$53,850	HS or EQ	None	Short-term OJT
43-5052	Postal Service Mail Carriers	793	731	-62	-7.82	26	0	26	\$56,500	HS or EQ	None	Short-term OJT
43-5053	Postal Service Mail Sorters, Processors, & Processing Machine Operators	675	617	-58	-8.59	6	0	6	\$53,840	HS or EQ	None	Short-term OJT
43-5061	Production, Planning, & Expediting Clerks	545	556	11	2.02	13	6	19	\$44,850	HS or EQ	None	Moderate-term OJT
43-5071	Shipping, Receiving, & Traffic Clerks	1,072	1,086	14	1.31	28	7	35	\$47,110	HS or EQ	None	Short-term OJT
43-5081	Stock Clerks & Order Fillers	2,414	2,537	123	5.10	77	62	139	\$32,680	Less than HS	None	Short-term OJT
43-6000	Secretaries & Administrative Assistants	31,734	32,394	660	2.08	377	330	707				
43-6011	Executive Secretaries & Executive Administrative Assistants	14,076	14,164	88	0.63	168	44	212	\$54,960	HS or EQ	Less than 5 years	None
43-6012	Legal Secretaries	5,769	6,016	247	4.28	68	124	192	\$71,780	HS or EQ	None	Moderate-term OJT
43-6013	Medical Secretaries	1,238	1,307	69	5.57	14	34	48	\$36,350	HS or EQ	None	Moderate-term OJT
43-6014	Secretaries & Administrative Assistants, Except Legal, Medical, & Executive	10,651	10,907	256	2.40	126	128	254	\$45,970	HS or EQ	None	Short-term OJT

DISTRICT OF COLUMBIA SHORT-TERM OCCUPATIONAL PROJECTIONS, 2014 - 2016*

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43-9000	Other Office & Administrative Support Workers	21,459	21,473	14	0.07	419	130	549				
43-9011	Computer Operators	429	420	-9	-2.10	4	0	4	\$54,280	HS or EQ	None	Moderate-term OJT
43-9021	Data Entry Keyers	1,010	973	-37	-3.66	14	0	14	\$40,630	HS or EQ	None	Moderate-term OJT
43-9022	Word Processors & Typists	2,341	2,182	-159	-6.79	10	0	10	\$40,310	HS or EQ	None	Short-term OJT
43-9031	Desktop Publishers	119	122	3	2.52	2	2	4	\$38,200	Associate's degree	None	Short-term OJT
43-9041	Insurance Claims & Policy Processing Clerks	403	427	24	5.96	10	12	22	\$46,120	HS or EQ	None	Moderate-term OJT
43-9051	Mail Clerks & Mail Machine Operators, Except Postal Service	1,141	1,116	-25	-2.19	28	0	28	\$39,980	HS or EQ	None	Short-term OJT
43-9061	Office Clerks, General	12,376	12,599	223	1.80	254	112	366	\$37,870	HS or EQ	None	Short-term OJT
43-9071	Office Machine Operators, Except Computer	527	518	-9	-1.71	12	0	12	\$39,230	HS or EQ	None	Short-term OJT
43-9081	Proofreaders & Copy Markers	370	379	9	2.43	7	4	11	\$46,430	Bachelor's degree	None	None
43-9111	Statistical Assistants	96	98	2	2.08	2	1	3	\$54,650	Bachelor's degree	None	None
43-9199	Office & Administrative Support Workers, All Other	2,647	2,639	-8	-0.30	74	0	74	\$34,770	HS or EQ	None	Short-term OJT
45-0000	Farming, Fishing, & Forestry Occupations	111	110	-1	-0.90	4	0	4	\$54,200			
45-2000	Agricultural Workers	98	96	-2	-2.04	3	0	3				
45-2093	Farmworkers, Farm, Ranch, & Aquacultural Animals	96	94	-2	-2.08	3	0	3		Less than HS	None	Short-term OJT
47-0000	Construction & Extraction Occupations	12,838	13,267	429	3.34	210	214	424	\$49,290			
47-1000	Supervisors of Construction & Extraction Workers	965	999	34	3.52	12	17	29				
47-1011	1st-Line Supervisors of Construction Trades & Extraction Workers	965	999	34	3.52	12	17	29	\$66,580	HS or EQ	5 years or more	None
47-2000	Construction Trades Workers	10,103	10,431	328	3.25	165	164	329				
47-2021	Brickmasons & Blockmasons	214	220	6	2.80	2	3	5	\$54,030	HS or EQ	None	Apprenticeship
47-2031	Carpenters	1,247	1,280	33	2.65	16	16	32	\$48,120	HS or EQ	None	Apprenticeship
47-2051	Cement Masons & Concrete Finishers	637	661	24	3.77	8	12	20	\$45,270	Less than HS	None	Moderate-term OJT
47-2061	Construction Laborers	2,332	2,433	101	4.33	49	50	99	\$38,220	Less than HS	None	Short-term OJT
47-2071	Paving, Surfacing, & Tamping Equipment Operators	178	185	7	3.93	2	4	6	\$53,500	HS or EQ	None	Moderate-term OJT
47-2073	Operating Engineers & Other Construction Equipment Operators	306	317	11	3.59	6	6	12	\$54,150	HS or EQ	None	Moderate-term OJT
47-2081	Drywall & Ceiling Tile Installers	177	180	3	1.69	2	2	4	N/A	Less than HS	None	Moderate-term OJT
47-2111	Electricians	1,712	1,756	44	2.57	32	22	54	\$61,700	HS or EQ	None	Apprenticeship
47-2132	Insulation Workers, Mechanical	83	87	4	4.82	1	2	3	\$65,120	HS or EQ	None	Apprenticeship
47-2141	Painters, Construction & Maintenance	693	724	31	4.47	10	16	26	\$51,720	Less than HS	None	Moderate-term OJT
47-2152	Plumbers, Pipefitters, & Steamfitters	1,416	1,445	29	2.05	18	14	32	\$61,710	HS or EQ	None	Apprenticeship
47-2161	Plasterers & Stucco Masons	129	142	13	10.08	0	6	6	N/A	Less than HS	None	Long-term OJT
47-2171	Reinforcing Iron & Rebar Workers	294	298	4	1.36	5	2	7	\$46,290	HS or EQ	None	Apprenticeship
47-2181	Roofers	33	33	0	0.00	0	0	0	\$58,040	Less than HS	None	Moderate-term OJT
47-2211	Sheet Metal Workers	381	390	9	2.36	6	4	10	\$53,720	HS or EQ	None	Apprenticeship
47-2221	Structural Iron & Steel Workers	98	98	0	0.00	3	0	3	\$48,570	HS or EQ	None	Apprenticeship
47-3000	Helpers, Construction Trades	644	667	23	3.57	12	12	24				
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, & Tile & Marble Setters	169	178	9	5.33	4	4	8	N/A	Less than HS	None	Short-term OJT
47-3012	Helpers--Carpenters	101	105	4	3.96	2	2	4	\$32,360	Less than HS	None	Short-term OJT
47-3013	Helpers--Electricians	190	196	6	3.16	4	3	7	\$32,650	HS or EQ	None	Short-term OJT
47-3015	Helpers--Pipefitters, Plumbers, Pipefitters, & Steamfitters	64	65	1	1.56	1	0	1	\$31,920	HS or EQ	None	Short-term OJT
47-3019	Helpers, Construction Trades, All Other	104	107	3	2.88	2	2	4	N/A	Less than HS	None	Short-term OJT
47-4000	Other Construction & Related Workers	1,097	1,140	43	3.92	20	22	42				
47-4011	Construction & Building Inspectors	827	862	35	4.23	16	18	34	\$65,520	HS or EQ	5 years or more	Moderate-term OJT
47-4021	Elevator Installers & Repairers	66	67	1	1.52	1	0	1	N/A	HS or EQ	None	Apprenticeship
47-4041	Hazardous Materials Removal Workers	48	51	3	6.25	1	2	3	\$37,660	HS or EQ	None	Moderate-term OJT
47-4051	Highway Maintenance Workers	42	42	0	0.00	0	0	0	N/A	HS or EQ	None	Moderate-term OJT
47-4099	Construction & Related Workers, All Other	113	117	4	3.54	2	2	4	\$49,910	HS or EQ	None	Moderate-term OJT
49-0000	Installation, Maintenance, & Repair Occupations	9,023	9,315	292	3.24	187	169	356	\$55,120			
49-1000	Supervisors of Installation, Maintenance, & Repair Workers	866	882	16	1.85	22	8	30				
49-1011	1st-Line Supervisors of Mechanics, Installers, & Repairers	866	882	16	1.85	22	8	30	\$73,190	HS or EQ	Less than 5 years	None
49-2000	Electrical & Electronic Equipment Mechanics, Installers, & Repairers	1,009	1,021	12	1.19	20	10	30				
49-2011	Computer, Automated Teller, & Office Machine Repairers	346	362	16	4.62	8	8	16	\$50,780	Some college, no degree	None	None
49-2022	Telecommunications Equipment Installers & Repairers, Except Line Installers	150	147	-3	-2.00	2	0	2	\$63,860	Postsec. non-degree	None	Moderate-term OJT

DISTRICT OF COLUMBIA SHORT-TERM OCCUPATIONAL PROJECTIONS, 2014 - 2016*

Soccode	Occupational Title	Employment		Change 2014-2016		Average Annual Openings			Annual	Education Value	Work Experience	Job Training
		2014	2016	Numeric	Percent	Replacement	Growth	Total	Median Wage**			
49-2094	Electrical & Electronics Repairers, Commercial & Industrial Equipment	210	212	2	0.95	4	1	5	\$77,920	Postsec. non-degree	None	Long-term OJT
49-2095	Electrical & Electronics Repairers, Powerhouse, Substation, & Relay	185	182	-3	-1.62	4	0	4	\$77,360	Postsec. non-degree	None	Long-term OJT
49-2098	Security & Fire Alarm Systems Installers	51	52	1	1.96	1	0	1	\$62,730	HS or EQ	None	Moderate-term OJT
49-3000	Vehicle & Mobile Equipment Mechanics, Installers, & Repairers	868	868	0	0.00	22	8	30				
49-3021	Automotive Body & Related Repairers	107	106	-1	-0.93	2	0	2	\$50,940	HS or EQ	None	Moderate-term OJT
49-3023	Automotive Service Technicians & Mechanics	429	415	-14	-3.26	10	0	10	\$53,160	HS or EQ	None	Long-term OJT
49-3031	Bus & Truck Mechanics & Diesel Engine Specialists	63	64	1	1.59	2	0	2	\$49,550	HS or EQ	None	Long-term OJT
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	147	156	9	6.12	4	4	8	\$52,260	HS or EQ	None	Long-term OJT
49-3091	Bicycle Repairers	70	75	5	7.14	2	2	4	\$26,830	HS or EQ	None	Moderate-term OJT
49-9000	Other Installation, Maintenance, & Repair Occupations	6,280	6,544	264	4.20	124	143	267				
49-9012	Control & Valve Installers & Repairers, Except Mechanical Door	141	135	-6	-4.26	4	0	4	\$60,610	HS or EQ	None	Moderate-term OJT
49-9021	Heating, Air Conditioning, & Refrigeration Mechanics & Installers	344	358	14	4.07	8	7	15	\$59,980	Postsec. non-degree	None	Long-term OJT
49-9041	Industrial Machinery Mechanics	155	159	4	2.58	4	2	6	\$61,690	HS or EQ	None	Long-term OJT
49-9043	Maintenance Workers, Machinery	157	166	9	5.73	2	4	6	\$48,450	HS or EQ	None	Moderate-term OJT
49-9051	Electrical Power-Line Installers & Repairers	157	163	6	3.82	6	3	9	\$57,500	HS or EQ	None	Long-term OJT
49-9052	Telecommunications Line Installers & Repairers	328	316	-12	-3.66	8	0	8	\$66,160	HS or EQ	None	Long-term OJT
49-9061	Camera & Photographic Equipment Repairers	30	32	2	6.67	1	1	2	N/A	Associate's degree	None	Long-term OJT
49-9062	Medical Equipment Repairers	37	40	3	8.11	1	2	3	\$42,900	Associate's degree	None	Moderate-term OJT
49-9071	Maintenance & Repair Workers, General	4,288	4,518	230	5.36	72	115	187	\$46,900	HS or EQ	None	Long-term OJT
49-9094	Locksmiths & Safe Repairers	80	79	-1	-1.25	3	0	3	\$55,130	HS or EQ	None	Long-term OJT
49-9098	Helpers--Installation, Maintenance, & Repair Workers	311	327	16	5.14	11	8	19	\$38,030	HS or EQ	None	Moderate-term OJT
49-9099	Installation, Maintenance, & Repair Workers, All Other	144	146	2	1.39	2	1	3	\$52,980	HS or EQ	None	Moderate-term OJT
51-0000	Production Occupations	6,219	6,168	-51	-0.82	139	29	168	\$48,040			
51-1000	Supervisors of Production Workers	466	457	-9	-1.93	6	0	6				
51-1011	1st-Line Supervisors of Production & Operating Workers	466	457	-9	-1.93	6	0	6	\$68,930	Postsec. non-degree	Less than 5 years	None
51-2000	Assemblers & Fabricators	98	98	0	0.00	2	0	2				
51-2041	Structural Metal Fabricators & Fitters	38	39	1	2.63	2	0	2	N/A	HS or EQ	None	Moderate-term OJT
51-2092	Team Assemblers	51	50	-1	-1.96	1	0	1	\$22,960	HS or EQ	None	Moderate-term OJT
51-3000	Food Processing Workers	566	572	6	1.06	14	3	17				
51-3011	Bakers	219	221	2	0.91	5	1	6	\$33,980	Less than HS	None	Long-term OJT
51-3021	Butchers & Meat Cutters	177	179	2	1.13	4	1	5	\$22,900	Less than HS	None	Long-term OJT
51-3022	Meat, Poultry, & Fish Cutters & Trimmers	49	49	0	0.00	1	0	1	\$32,030	Less than HS	None	Short-term OJT
51-3092	Food Batchmakers	113	115	2	1.77	4	1	5		HS or EQ	None	Moderate-term OJT
51-4000	Metal Workers & Plastic Workers	336	340	4	1.19	8	2	10				
51-4041	Machinists	148	153	5	3.38	4	2	6	\$58,500	HS or EQ	None	Long-term OJT
51-4061	Model Makers, Metal & Plastic	15	15	0	0.00	0	0	0	N/A	HS or EQ	None	Moderate-term OJT
51-4121	Welders, Cutters, Solderers, & Brazers	160	159	-1	-0.62	4	0	4	\$55,750	HS or EQ	None	Moderate-term OJT
51-5100	Printing Workers	1,758	1,684	-74	-4.21	32	0	32				
51-5111	Prepress Technicians & Workers	450	421	-29	-6.44	11	0	11	\$74,580	Postsec. non-degree	None	None
51-5112	Printing Press Operators	947	912	-35	-3.70	15	0	15	\$80,340	HS or EQ	None	Moderate-term OJT
51-5113	Print Binding & Finishing Workers	361	351	-10	-2.77	6	0	6	\$73,810	HS or EQ	None	Short-term OJT
51-6000	Textile, Apparel, & Furnishings Workers	908	933	25	2.75	21	14	35				
51-6011	Laundry & Dry-Cleaning Workers	620	641	21	3.39	18	10	28	\$30,780	Less than HS	None	Short-term OJT
51-6021	Pressers, Textile, Garment, & Related Materials	212	218	6	2.83	2	3	5	N/A	Less than HS	None	Short-term OJT
51-6052	Tailors, Dressmakers, & Custom Sewers	44	44	0	0.00	0	0	0	\$35,730	Less than HS	None	Moderate-term OJT
51-7000	Woodworkers	124	116	-8	-6.45	2	0	2				
51-7011	Cabinetmakers & Bench Carpenters	91	84	-7	-7.69	0	0	0	N/A	HS or EQ	None	Moderate-term OJT
51-8000	Plant & System Operators	883	886	3	0.34	26	4	30				
51-8021	Stationary Engineers & Boiler Operators	410	412	2	0.49	12	1	13	\$69,430	HS or EQ	None	Long-term OJT
51-8031	Water & Wastewater Treatment Plant & System Operators	275	280	5	1.82	8	2	10	\$57,820	HS or EQ	None	Long-term OJT
51-8099	Plant & System Operators, All Other	169	165	-4	-2.37	6	0	6	N/A	HS or EQ	None	Long-term OJT
51-9000	Other Production Occupations	1,081	1,082	2	0.19	28	6	34				
51-9061	Inspectors, Testers, Sorters, Samplers, & Weighers	121	124	3	2.48	2	2	4	\$52,820	HS or EQ	None	Moderate-term OJT

DISTRICT OF COLUMBIA SHORT-TERM OCCUPATIONAL PROJECTIONS, 2014 - 2016*

Soccode	Occupational Title	Employment		Change 2014-2016		Average Annual Openings			Annual	Education Value	Work Experience	Job Training
		2014	2016	Numeric	Percent	Replacement	Growth	Total	Median Wage**			
51-9081	Dental Laboratory Technicians	59	59	0	0.00	2	0	2	\$53,340	HS or EQ	None	Moderate-term OJT
51-9111	Packaging & Filling Machine Operators & Tenders	226	217	-9	-3.98	6	0	6	\$21,220	HS or EQ	None	Moderate-term OJT
51-9151	Photographic Process Workers & Processing Machine Operators	248	251	3	1.21	8	2	10	\$30,170	HS or EQ	None	Short-term OJT
51-9198	Helpers--Production Workers	113	117	4	3.54	2	2	4	\$22,870	Less than HS	None	Short-term OJT
51-9199	Production Workers, All Other	187	188	1	0.53	4	0	4	N/A	HS or EQ	None	Moderate-term OJT
53-0000	Transp. & Material Moving Occupations	18,761	18,948	187	1.00	505	166	671	\$36,710			
53-1000	Supervisors of Transp. & Material Moving Workers	942	960	18	1.91	24	9	33				
53-1021	1st-Line Supervisors of Helpers, Laborers, & Material Movers, Hand	297	310	13	4.38	8	6	14	\$54,600	HS or EQ	Less than 5 years	None
53-1031	1st-Line Supervisors of Transp. & Material-Moving Machine & Vehicle Operators	645	650	5	0.78	16	2	18	\$61,790	HS or EQ	Less than 5 years	None
53-2000	Air Transp. Workers	363	367	4	1.10	15	2	17				
53-2021	Air Traffic Controllers	321	324	3	0.93	14	2	16	N/A	Associate's degree	None	Long-term OJT
53-3000	Motor Vehicle Operators	8,586	8,607	21	0.24	135	45	180				
53-3021	Bus Drivers, Transit & Intercity	911	899	-12	-1.32	14	0	14	\$33,220	HS or EQ	None	Moderate-term OJT
53-3022	Bus Drivers, School or Special Client	806	813	7	0.87	13	4	17	\$39,730	HS or EQ	None	Short-term OJT
53-3031	Driver/Sales Workers	470	482	12	2.55	7	6	13	\$33,630	HS or EQ	None	Short-term OJT
53-3032	Heavy & Tractor-Trailer Truck Drivers	766	790	24	3.13	12	12	24	\$45,890	Postsec. non-degree	None	Short-term OJT
53-3033	Light Truck or Delivery Services Drivers	1,309	1,337	28	2.14	20	14	34	\$32,240	HS or EQ	None	Short-term OJT
53-3041	Taxi Drivers & Chauffeurs	2,805	2,824	19	0.68	24	10	34	\$25,710	Less than HS	None	Short-term OJT
53-3099	Motor Vehicle Operators, All Other	1,507	1,450	-57	-3.78	44	0	44	\$47,490	HS or EQ	None	Short-term OJT
53-5000	Water Transp. Workers	72	73	1	1.39	2	1	3				
53-6000	Other Transp. Workers	4,465	4,517	52	1.16	206	50	256				
53-6021	Parking Lot Attendants	2,649	2,748	99	3.74	138	50	188	\$19,040	Less than HS	None	Short-term OJT
53-6031	Automotive & Watercraft Service Attendants	157	152	-5	-3.18	5	0	5	\$19,700	Less than HS	None	Short-term OJT
53-6051	Transp. Inspectors	341	341	0	0.00	11	0	11	\$106,820	HS or EQ	None	Moderate-term OJT
53-6099	Transp. Workers, All Other	1,274	1,232	-42	-3.30	52	0	52	\$35,400	HS or EQ	None	Short-term OJT
53-7000	Material Moving Workers	4,333	4,424	91	2.10	123	60	183				
53-7011	Conveyor Operators & Tenders	61	62	1	1.64	2	0	2	N/A	Less than HS	None	Short-term OJT
53-7021	Crane & Tower Operators	40	41	1	2.50	2	0	2	\$46,330	HS or EQ	Less than 5 years	Moderate-term OJT
53-7032	Excavating & Loading Machine & Dragline Operators	84	88	4	4.76	0	2	2	N/A	HS or EQ	Less than 5 years	Moderate-term OJT
53-7051	Industrial Truck & Tractor Operators	143	139	-4	-2.80	3	0	3	\$41,490	Less than HS	None	Short-term OJT
53-7061	Cleaners of Vehicles & Equipment	213	203	-10	-4.69	6	0	6	\$39,550	Less than HS	None	Short-term OJT
53-7062	Laborers & Freight, Stock, & Material Movers, Hand	2,673	2,775	102	3.82	85	51	136	\$34,640	Less than HS	None	Short-term OJT
53-7064	Packers & Packagers, Hand	470	482	12	2.55	13	6	19	\$19,520	Less than HS	None	Short-term OJT
53-7081	Refuse & Recyclable Material Collectors	647	632	-15	-2.32	12	0	12	\$38,730	Less than HS	None	Short-term OJT

Notes: *District of Columbia Short-Term Industry and Occupational Projections, 2014 - 2016

**Bureau of Labor Statistics, Occupational Employment Statistics (OES), May 2013 survey

N/A - not available

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