

DC MSA OCCUPATIONAL PROJECTIONS, 2010 - 2020*											
Soccode	Occupational Title	Employment		Change, 2010 - 2020		Average Annual Openings		Median	Education Value	Work Experience Value	Job Training Value
		2010	2020	Numeric	Percent	Replacement	Total	Annual Wage**			
00-0000	Total, All Occupations	3,312,325	3,556,446	244,121	7.37	75,832	104,606	\$55,120			
11-0000	Management Occupations	435,851	436,048	197	0.05	9,426	10,401	\$109,183			
11-1000	Top Executives	147,212	145,293	-1,919	-1.30	3,005	3,059				
11-1021	General & Operations Managers	110,361	107,967	-2,394	-2.17	2,052	2,052	\$112,387	Associate's degree	1 to 5 yrs	None
11-2000	Advertising, Marketing, Promotions, Public Relations, & Sales Managers	27,187	29,653	2,466	9.07	786	1,033				
11-2011	Advertising & Promotions Managers	1,669	1,848	179	10.72	48	66	\$84,267	Bachelor's degree	1 to 5 yrs	None
11-2021	Marketing Managers	6,485	7,040	555	8.56	189	245	\$103,744	Bachelor's degree	1 to 5 yrs	None
11-2022	Sales Managers	10,045	10,497	452	4.50	292	337	\$83,055	Bachelor's degree	1 to 5 yrs	None
11-2031	Public Relations Managers	8,988	10,268	1,280	14.24	257	385	\$106,685	Bachelor's degree	1 to 5 yrs	None
11-3000	Operations Specialties Managers	67,675	71,022	3,347	4.95	1,374	1,734				
11-3011	Administrative Services Managers	13,423	14,148	725	5.40	332	404	\$69,246	HS or EQV	1 to 5 yrs	None
11-3021	Computer & Information Systems Managers	16,481	18,249	1,768	10.73	251	428	\$124,642	Bachelor's degree	More than 5 yrs	None
11-3031	Financial Managers	25,369	26,012	643	2.53	464	528	\$113,627	Bachelor's degree	More than 5 yrs	None
11-3051	Industrial Production Managers	208	226	18	8.65	5	7	\$86,052	Bachelor's degree	1 to 5 yrs	None
11-3061	Purchasing Managers	3,867	3,718	-149	-3.85	118	118	\$114,016	Bachelor's degree	More than 5 yrs	None
11-3071	Transportation, Storage, & Distribution Managers	1,580	1,474	-106	-6.71	38	38	\$120,861	HS or EQV	More than 5 yrs	None
11-3111	Compensation & Benefits Managers	1,400	1,460	60	4.29	34	40	***	Bachelor's degree	1 to 5 yrs	None
11-3121	Human Resources Managers	4,202	4,373	171	4.07	103	120	***	Bachelor's degree	1 to 5 yrs	None
11-3131	Training & Development Managers	1,145	1,362	217	18.95	28	50	***	Bachelor's degree	1 to 5 yrs	None
11-9000	Other Management Occupations	193,777	190,080	-3,697	-1.91	4,261	4,575	***			
11-9021	Construction Managers	12,267	13,638	1,371	11.18	79	216	\$88,190	Associate's degree	More than 5 yrs	None
11-9031	Education Administrators, Preschool & Child Care Center/Program	1,639	1,641	2	0.12	46	46	\$47,755	Bachelor's degree	1 to 5 yrs	None
11-9032	Education Administrators, Elementary & Secondary School	6,806	6,876	70	1.03	192	199	\$76,380	Master's degree	1 to 5 yrs	None
11-9033	Education Administrators, Postsecondary	3,737	3,925	188	5.03	105	124	\$63,488	Master's degree	1 to 5 yrs	None
11-9039	Education Administrators, All Other	2,111	2,246	135	6.40	60	74	\$95,109	Bachelor's degree	1 to 5 yrs	None
11-9041	Engineering Managers	6,899	6,368	-531	-7.70	134	134	\$121,944	Bachelor's degree	More than 5 yrs	None
11-9051	Food Service Managers	6,852	6,289	-563	-8.22	126	126	\$45,305	HS or EQV	1 to 5 yrs	None
11-9081	Lodging Managers	1,460	1,520	60	4.11	40	46	\$49,479	HS or EQV	1 to 5 yrs	None
11-9111	Medical & Health Services Managers	8,321	9,016	695	8.35	203	273	\$84,558	Bachelor's degree	None	None
11-9121	Natural Sciences Managers	2,659	2,573	-86	-3.23	160	160	\$118,804	Bachelor's degree	More than 5 yrs	None
11-9141	Property, Real Estate, & Community Association Managers	12,288	11,902	-386	-3.14	259	259	\$52,667	HS or EQV	1 to 5 yrs	None
11-9151	Social & Community Service Managers	5,598	6,217	619	11.06	121	183	\$68,398	Bachelor's degree	1 to 5 yrs	None
11-9161	Emergency Management Directors	392	388	-4	-1.02	8	8	***	Bachelor's degree	1 to 5 yrs	LT OJT
11-9199	Managers, All Other	122,709	117,443	-5,266	-4.29	2,726	2,726	\$115,592	HS or EQV	1 to 5 yrs	None
13-0000	Business & Financial Operations Occupations	335,290	362,395	27,105	8.08	6,490	9,361	\$75,031			
13-1000	Business Operations Specialists	248,045	268,795	20,750	8.37	4,622	6,772	***			
13-1021	Purchasing Agents & Buyers, Farm Products	151	162	11	7.28	3	4	\$51,716	HS or EQV	None	LT OJT
13-1022	Wholesale & Retail Buyers, Except Farm Products	924	930	6	0.65	23	24	\$33,701	HS or EQV	None	LT OJT
13-1023	Purchasing Agents, Except Wholesale, Retail, & Farm Products	8,023	7,379	-644	-8.03	215	215	\$74,319	HS or EQV	None	LT OJT
13-1031	Claims Adjusters, Examiners, & Investigators	2,462	2,362	-100	-4.06	63	63	\$68,758	HS or EQV	None	LT OJT
13-1041	Compliance Officers, Except Agriculture, Construction, Health & Safety, & Trans	7,172	7,374	202	2.82	87	107	\$73,082	Bachelor's degree	None	MT OJT
13-1051	Cost Estimators	2,596	3,480	884	34.05	50	138	\$65,876	Bachelor's degree	None	None
13-1078	Human resources, labor relations, & training specialists, all other	21,098	21,774	676	3.20	356	424	***	Bachelor's degree	None	None
13-1081	Logisticians	2,958	3,673	715	24.17	57	129	\$83,607	Bachelor's degree	1 to 5 yrs	None
13-1111	Management Analysts	72,471	77,567	5,096	7.03	1,180	1,690	\$81,526	Bachelor's degree	1 to 5 yrs	None
13-1121	Meeting & Convention Planners	6,085	8,917	2,832	46.54	117	400	\$53,405	Bachelor's degree	Less than 1 year	None
13-1141	Compensation, Benefits, & Job Analysis Specialists	4,488	4,744	256	5.70	76	102	***	Bachelor's degree	None	None
13-1151	Training & Development Specialists	5,858	7,280	1,422	24.27	99	241	***	Bachelor's degree	None	None
13-1161	Market Research Analysts & Marketing Specialists	15,570	21,129	5,559	35.70	415	971	***	Bachelor's degree	None	None
13-1199	Business Operations Specialists, All Other	98,059	101,893	3,834	3.91	1,880	2,263	\$75,415	HS or EQV	Less than 1 year	LT OJT
13-2000	Financial Specialists	87,245	93,600	6,355	7.28	1,868	2,589	***			
13-2011	Accountants & Auditors	44,121	46,918	2,797	6.34	948	1,228	\$71,990	Bachelor's degree	None	None

13-2021	Appraisers & Assessors of Real Estate	1,448	1,463	15	1.04	31	33	\$72,469	HS or EQV	None	Apprenticeship
13-2031	Budget Analysts	6,488	6,439	-49	-0.76	137	137	\$80,847	Bachelor's degree	None	None
13-2041	Credit Analysts	2,333	2,809	476	20.40	49	97	\$61,209	Bachelor's degree	None	None
13-2051	Financial Analysts	13,785	15,914	2,129	15.44	292	505	\$78,179	Bachelor's degree	None	None
13-2052	Personal Financial Advisors	2,604	3,426	822	31.57	30	112	\$53,978	Bachelor's degree	None	None
13-2053	Insurance Underwriters	690	628	-62	-8.99	22	22	\$57,712	Bachelor's degree	None	MT OJT
13-2061	Financial Examiners	1,332	1,548	216	16.22	28	50	\$120,500	Bachelor's degree	None	MT OJT
13-2071	Loan Counselors	276	308	32	11.59	7	10	\$39,255	Bachelor's degree	None	MT OJT
13-2072	Loan Officers	4,107	4,730	623	15.17	105	167	\$57,298	HS or EQV	None	MT OJT
13-2081	Tax Examiners, Collectors, & Revenue Agents	1,254	1,267	13	1.04	30	31	\$57,364	Bachelor's degree	None	MT OJT
13-2082	Tax Preparers	1,050	1,136	86	8.19	24	33	\$30,260	HS or EQV	None	MT OJT
13-2099	Financial Specialists, All Other	7,757	7,014	-743	-9.58	164	164	\$78,605	Bachelor's degree	None	MT OJT
15-0000	Computer & Mathematical Occupations	186,377	217,875	31,498	16.90	3,627	6,999	\$78,954			
15-1000	Computer Specialists	175,435	205,538	30,103	17.16	3,179	6,411	***			
15-1111	Computer & Information Research Scientists	832	832	0	0.00	16	16	***	PhD or prof.l degree	None	None
15-1121	Computer Systems Analysts	26,387	30,969	4,582	17.36	495	953	***	Bachelor's degree	None	None
15-1131	Computer Programmers	17,659	19,700	2,041	11.56	410	614	***	Bachelor's degree	None	None
15-1132	Software Developers, Applications	17,003	22,156	5,153	30.31	177	692	***	Bachelor's degree	None	None
15-1133	Software Developers, Systems Software	13,213	17,124	3,911	29.60	137	528	***	Bachelor's degree	None	None
15-1141	Database Administrators	8,058	10,872	2,814	34.92	136	417	***	Bachelor's degree	1 to 5 yrs	None
15-1142	Network & computer systems architects & administrators	21,981	27,692	5,711	25.98	371	942	***	Bachelor's degree	None	None
15-1150	Computer Support Specialists	26,159	29,728	3,569	13.64	687	1,044	***	Some college, no degree	None	MT OJT
15-1179	Information Security Analysts, Web Developers, & Computer Network Architects	19,639	24,173	4,534	23.09	290	743	***	Bachelor's degree	1 to 5 yrs	None
15-1799	Computer Occupations, All Other	24,504	22,292	-2,212	-9.03	459	459	***	Bachelor's degree	None	None
15-2000	Mathematical Scientists	10,942	12,337	1,395	12.75	449	589	***			
15-2011	Actuaries	1,039	1,047	8	0.77	63	64	\$95,418	Bachelor's degree	None	LT OJT
15-2021	Mathematicians	136	145	9	6.62	8	9	\$105,328	Master's degree	None	None
15-2031	Operations Research Analysts	7,434	8,625	1,191	16.02	237	356	\$83,283	Bachelor's degree	None	None
15-2041	Statisticians	2,268	2,464	196	8.64	137	157	\$96,454	Master's degree	None	None
17-0000	Architecture & Engineering Occupations	62,471	56,506	-5,965	-9.55	1,367	1,607	\$87,140			
17-1000	Architects, Surveyors, & Cartographers	13,781	10,024	-3,757	-27.30	282	282	***			
17-1011	Architects, Except L & scape & Naval	11,946	8,509	-3,437	-28.80	242	242	\$72,932	Bachelor's degree	None	Internship/residency
17-1012	L & scape Architects	699	521	-178	-25.50	14	14	\$57,366	Bachelor's degree	None	Internship/residency
17-1022	Surveyors	999	868	-131	-13.10	22	22	\$47,510	Bachelor's degree	None	None
17-2000	Engineers	36,749	36,426	-323	-0.88	857	1,071	***			
17-2011	Aerospace Engineers	1,598	1,661	63	3.94	35	41	\$112,773	Bachelor's degree	None	None
17-2031	Biomedical Engineers	97	152	55	56.70	2	8	\$70,905	Bachelor's degree	None	None
17-2041	Chemical Engineers	260	227	-33	-12.70	8	8	\$101,282	Bachelor's degree	None	None
17-2051	Civil Engineers	5,511	5,065	-446	-8.09	112	112	\$67,579	Bachelor's degree	None	None
17-2061	Computer Hardware Engineers	7,475	9,476	2,001	26.77	177	377	\$100,622	Bachelor's degree	None	None
17-2071	Electrical Engineers	2,055	1,715	-340	-16.60	50	50	\$88,457	Bachelor's degree	None	None
17-2072	Electronics Engineers, Except Computer	3,204	2,767	-437	-13.60	77	77	\$96,901	Bachelor's degree	None	None
17-2081	Environmental Engineers	1,757	1,669	-88	-5.01	39	39	\$95,867	Bachelor's degree	None	None
17-2111	Health & Safety Engineers, Except Mining Safety Engineers & Inspectors	396	379	-17	-4.29	9	9	\$88,566	Bachelor's degree	None	None
17-2112	Industrial Engineers	1,862	1,885	23	1.24	40	42	\$67,083	Bachelor's degree	None	None
17-2121	Marine Engineers & Naval Architects	601	543	-58	-9.65	13	13	\$119,224	Bachelor's degree	None	None
17-2131	Materials Engineers	159	138	-21	-13.20	4	4	\$112,770	Bachelor's degree	None	None
17-2141	Mechanical Engineers	3,074	2,694	-380	-12.40	99	99	\$89,427	Bachelor's degree	None	None
17-2151	Mining & Geological Engineers, Including Mining Safety Engineers	68	50	-18	-26.50	2	2	\$96,368	Bachelor's degree	None	None
17-2161	Nuclear Engineers	419	355	-64	-15.30	9	9	\$133,261	Bachelor's degree	None	None
17-2199	Engineers, All Other	8,164	7,609	-555	-6.80	180	180	\$117,492	Bachelor's degree	None	None
17-3000	Drafters, Engineering, & Mapping Technicians	11,941	10,056	-1,885	-15.80	229	255	***			
17-3011	Architectural & Civil Drafters	3,230	1,971	-1,259	-39.00	62	62	\$48,178	Associate's degree	None	None
17-3012	Electrical & Electronics Drafters	320	311	-9	-2.81	6	6	\$43,018	Associate's degree	None	None
17-3013	Mechanical Drafters	105	63	-42	-40.00	2	2	\$50,869	Associate's degree	None	None
17-3019	Drafters, All Other	136	136	0	0.00	3	3	\$61,116	Associate's degree	None	None

17-3022	Civil Engineering Technicians	2,321	2,010	-311	-13.40	44	44	\$55,567	Associate's degree	None	None
17-3023	Electrical & Electronic Engineering Technicians	2,590	2,723	133	5.14	50	63	\$63,087	Associate's degree	None	None
17-3025	Environmental Engineering Technicians	235	192	-43	-18.30	4	4	\$42,730	Associate's degree	None	None
17-3026	Industrial Engineering Technicians	720	542	-178	-24.70	14	14	\$45,811	Associate's degree	None	None
17-3027	Mechanical Engineering Technicians	240	133	-107	-44.60	5	5	\$41,085	Associate's degree	None	None
17-3029	Engineering Technicians, Except Drafters, All Other	1,296	1,114	-182	-14.00	25	25	\$71,081	Associate's degree	None	None
17-3031	Surveying & Mapping Technicians	250	240	-10	-4.00	5	5	\$59,591	HS or EQV	None	MT OJT
19-0000	Life, Physical, & Social Science Occupations	66,744	70,676	3,932	5.89	2,283	2,755	\$87,246			
19-1000	Life Scientists	4,614	4,727	113	2.45	77	117	***			
19-1012	Food Scientists & Technologists	106	125	19	17.92	4	6	\$86,507	Bachelor's degree	None	None
19-1013	Soil & Plant Scientists	316	315	-1	-0.32	13	13	\$71,087	Bachelor's degree	None	None
19-1022	Microbiologists	299	332	33	11.04	7	10	\$100,887	Bachelor's degree	None	None
19-1023	Zoologists & Wildlife Biologists	437	402	-35	-8.01	10	10	\$95,869	Bachelor's degree	None	None
19-1029	Biological Scientists, All Other	887	860	-27	-3.04	20	20	\$95,858	PhD or prof.l degree	None	None
19-1031	Conservation Scientists	822	616	-206	-25.10	10	10	\$72,986	Bachelor's degree	None	None
19-1032	Foresters	146	142	-4	-2.74	2	2	\$68,935	Bachelor's degree	None	None
19-1041	Epidemiologists	90	106	16	17.78	1	3	\$76,352	Master's degree	None	None
19-1042	Medical Scientists, Except Epidemiologists	1,321	1,616	295	22.33	8	38	\$95,464	PhD or prof.l degree	None	None
19-2000	Physical Scientists	10,791	10,840	49	0.45	333	355	***			
19-2011	Astronomers	472	518	46	9.75	14	19	\$87,660	PhD or prof.l degree	None	None
19-2012	Physicists	1,273	1,310	37	2.91	38	42	\$106,554	PhD or prof.l degree	None	None
19-2021	Atmospheric & Space Scientists	169	188	19	11.24	2	4	\$95,871	Bachelor's degree	None	None
19-2031	Chemists	978	940	-38	-3.89	32	32	\$101,298	Bachelor's degree	None	None
19-2041	Environmental Scientists & Specialists, Including Health	4,874	4,742	-132	-2.71	144	144	\$100,701	Bachelor's degree	None	None
19-2042	Geoscientists, Except Hydrologists & Geographers	391	419	28	7.16	12	15	\$95,855	Bachelor's degree	None	None
19-2043	Hydrologists	203	243	40	19.70	6	10	\$71,180	Master's degree	None	None
19-2099	Physical Scientists, All Other	2,379	2,420	41	1.72	84	88	\$115,982	Bachelor's degree	None	None
19-3000	Social Scientists & Related Workers	43,653	46,105	2,452	5.62	1,558	1,825	***			
19-3011	Economists	12,815	12,611	-204	-1.59	404	404	\$103,112	Bachelor's degree	None	None
19-3022	Survey Researchers	1,941	2,328	387	19.94	52	91	\$57,059	Bachelor's degree	None	None
19-3031	Clinical, Counseling, & School Psychologists	4,199	4,436	237	5.64	132	156	\$65,788	PhD or prof.l degree	None	Internship/residency
19-3032	Industrial-Organizational Psychologists	463	609	146	31.53	15	30	\$76,361	Master's degree	None	Internship/residency
19-3039	Psychologists, All Other	855	933	78	9.12	27	35	\$87,241	Master's degree	None	Internship/residency
19-3041	Sociologists	1,548	1,931	383	24.74	40	78	\$81,389	Master's degree	None	None
19-3051	Urban & Regional Planners	1,153	1,140	-13	-1.13	29	29	\$81,480	Master's degree	None	None
19-3091	Anthropologists & Archeologists	193	211	18	9.33	8	10	\$84,829	Master's degree	None	None
19-3093	Historians	1,294	1,446	152	11.75	54	69	\$74,513	Master's degree	None	None
19-3094	Political Scientists	9,073	9,598	525	5.79	377	429	\$109,548	Master's degree	None	None
19-3099	Social Scientists & Related Workers, All Other	10,074	10,810	736	7.31	419	493	\$77,951	Bachelor's degree	None	None
19-4000	Life, Physical, & Social Science Technicians	7,686	9,004	1,318	17.15	314	457	***			
19-4011	Agricultural & Food Science Technicians	117	137	20	17.09	4	6	\$27,299	Associate's degree	None	None
19-4021	Biological Technicians	432	411	-21	-4.86	14	14	\$34,801	Bachelor's degree	None	None
19-4031	Chemical Technicians	195	218	23	11.79	3	5	\$37,593	Associate's degree	None	MT OJT
19-4061	Social Science Research Assistants	5,071	6,353	1,282	25.28	214	342	\$38,484	Associate's degree	None	None
19-4091	Environmental Science & Protection Technicians, Including Health	529	610	81	15.31	22	30	\$56,218	Associate's degree	None	MT OJT
19-4092	Forensic Science Technicians	309	329	20	6.47	13	15	\$71,747	Bachelor's degree	None	MT OJT
19-4093	Forest & Conservation Technicians	139	139	0	0.00	6	6	***	Associate's degree	None	None
19-4099	Life, Physical, & Social Science Technicians, All Other	861	778	-83	-9.64	36	36	\$43,922	Associate's degree	None	MT OJT
21-0000	Community & Social Services Occupations	47,263	52,221	4,958	10.49	1,049	1,545	\$42,312			
21-1000	Counselors, Social Workers, & Other Community & Social Service Specialists	46,230	50,988	4,758	10.29	1,031	1,507	***			
21-1011	Substance Abuse & Behavioral Disorder Counselors	1,929	2,119	190	9.85	41	60	\$38,100	HS or EQV	None	MT OJT
21-1012	Educational, Vocational, & School Counselors	6,786	7,200	414	6.10	145	186	\$44,077	Master's degree	None	None
21-1013	Marriage & Family Therapists	327	350	23	7.03	7	9	\$58,210	Master's degree	None	Internship/residency
21-1014	Mental Health Counselors	1,750	2,056	306	17.49	38	69	\$39,783	Master's degree	None	Internship/residency
21-1015	Rehabilitation Counselors	3,941	4,583	642	16.29	84	148	\$24,084	Master's degree	None	None
21-1019	Counselors, All Other	229	236	7	3.06	5	6	\$33,573	Master's degree	None	None

21-1021	Child, Family, & School Social Workers	9,313	9,667	354	3.80	221	256	\$43,783	Bachelor's degree	None	None
21-1022	Medical & Public Health Social Workers	1,476	1,771	295	19.99	35	65	\$64,019	Master's degree	None	None
21-1023	Mental Health & Substance Abuse Social Workers	3,672	4,182	510	13.89	87	138	\$47,230	Bachelor's degree	None	None
21-1029	Social Workers, All Other	2,047	2,234	187	9.14	48	67	\$53,833	Bachelor's degree	None	None
21-1091	Health Educators	1,660	2,261	601	36.20	36	96	\$75,851	Bachelor's degree	None	None
21-1092	Probation Officers & Correctional Treatment Specialists	2,307	2,640	333	14.43	50	83	\$47,079	Bachelor's degree	None	ST OJT
21-1093	Social & Human Service Assistants	6,907	7,486	579	8.38	149	207	\$33,230	HS or EQV	None	ST OJT
21-1798	Community & Social Service Specialists, All Other	3,886	4,203	317	8.16	84	116	***	Bachelor's degree	None	None
21-2000	Religious Workers	1,033	1,233	200	19.36	18	38	***			
21-2011	Clergy	656	774	118	17.99	11	23	\$59,260	Bachelor's degree	None	MT OJT
21-2021	Directors, Religious Activities & Education	296	359	63	21.28	6	12	\$50,749	Bachelor's degree	1 to 5 yrs	None
23-0000	Legal Occupations	121,159	136,326	15,167	12.52	2,202	3,728	\$125,068			
23-1000	Lawyers, Judges, & Related Workers	99,507	111,787	12,280	12.34	1,888	3,126	***			
23-1011	Lawyers	96,079	108,282	12,203	12.70	1,827	3,047	\$141,197	PhD or prof.l degree	None	None
23-1012	Judicial Law Clerks	1,147	1,286	139	12.12	17	31	***	PhD or prof.l degree	None	None
23-1021	Administrative Law Judges, Adjudicators, & Hearing Officers	1,293	1,198	-95	-7.35	25	25	\$119,971	Bachelor's degree	1 to 5 yrs	MT OJT
23-1022	Arbitrators, Mediators, & Conciliators	397	427	30	7.56	8	11	\$61,590	Bachelor's degree	1 to 5 yrs	MT OJT
23-1023	Judges, Magistrate Judges, & Magistrates	591	594	3	0.51	11	11	***	PhD or prof.l degree	More than 5 yrs	ST OJT
23-2000	Legal Support Workers	21,652	24,539	2,887	13.33	314	603	***			
23-2011	Paralegals & Legal Assistants	14,739	17,397	2,658	18.03	210	476	\$56,919	Associate's degree	None	None
23-2091	Court Reporters	1,611	1,798	187	11.61	24	43	\$42,924	Postsec. non-degree	None	ST OJT
23-2093	Title Examiners, Abstractors, & Searchers	187	187	0	0.00	3	3	\$40,326	HS or EQV	None	ST OJT
23-2099	Legal Support Workers, All Other	5,115	5,157	42	0.82	77	81	\$54,189	HS or EQV	None	ST OJT
25-0000	Education, Training, & Library Occupations	179,607	186,231	6,624	3.69	3,691	4,389	\$51,961			
25-1000	Postsecondary Teachers	31,278	33,164	1,886	6.03	499	690	***			
25-1011	Business Teachers, Postsecondary	2,343	2,498	155	6.62	37	53	\$72,605	PhD or prof.l degree	None	None
25-1021	Computer Science Teachers, Postsecondary	533	543	10	1.88	8	9	\$65,187	PhD or prof.l degree	None	None
25-1022	Mathematical Science Teachers, Postsecondary	685	694	9	1.31	11	12	\$61,452	PhD or prof.l degree	None	None
25-1031	Architecture Teachers, Postsecondary	763	774	11	1.44	12	13	\$72,910	PhD or prof.l degree	None	None
25-1032	Engineering Teachers, Postsecondary	738	736	-2	-0.27	12	12	\$73,567	PhD or prof.l degree	None	None
25-1041	Agricultural Sciences Teachers, Postsecondary	152	148	-4	-2.63	2	2	\$73,666	PhD or prof.l degree	None	None
25-1042	Biological Science Teachers, Postsecondary	496	498	2	0.40	8	8	\$67,330	PhD or prof.l degree	None	None
25-1052	Chemistry Teachers, Postsecondary	246	249	3	1.22	4	4	\$68,025	PhD or prof.l degree	None	None
25-1053	Environmental Science Teachers, Postsecondary	48	48	0	0.00	1	1	\$71,224	PhD or prof.l degree	None	None
25-1054	Physics Teachers, Postsecondary	247	249	2	0.81	4	4	\$75,811	PhD or prof.l degree	None	None
25-1061	Anthropology & Archeology Teachers, Postsecondary	178	178	0	0.00	3	3	\$72,013	PhD or prof.l degree	None	None
25-1062	Area, Ethnic, & Cultural Studies Teachers, Postsecondary	197	201	4	2.03	3	3	\$83,114	PhD or prof.l degree	None	None
25-1063	Economics Teachers, Postsecondary	482	490	8	1.66	8	9	\$72,863	PhD or prof.l degree	None	None
25-1065	Political Science Teachers, Postsecondary	1,578	1,607	29	1.84	25	28	\$64,845	PhD or prof.l degree	None	None
25-1066	Psychology Teachers, Postsecondary	582	597	15	2.58	9	11	\$64,885	PhD or prof.l degree	None	None
25-1067	Sociology Teachers, Postsecondary	298	302	4	1.34	5	5	\$59,940	PhD or prof.l degree	None	None
25-1069	Social Sciences Teachers, Postsecondary, All Other	120	124	4	3.33	2	2	***	PhD or prof.l degree	None	None
25-1071	Health Specialties Teachers, Postsecondary	6,857	7,568	711	10.37	110	181	\$84,817	PhD or prof.l degree	None	None
25-1072	Nursing Instructors & Teachers, Postsecondary	1,366	1,444	78	5.71	22	30	\$51,701	Master's degree	None	None
25-1081	Education Teachers, Postsecondary	851	877	26	3.06	14	17	\$53,521	PhD or prof.l degree	None	None
25-1111	Criminal Justice & Law Enforcement Teachers, Postsecondary	375	386	11	2.93	6	7	\$51,676	PhD or prof.l degree	None	None
25-1112	Law Teachers, Postsecondary	1,895	1,960	65	3.43	30	36	\$88,867	PhD or prof.l degree	None	None
25-1113	Social Work Teachers, Postsecondary	510	515	5	0.98	8	8	\$56,234	PhD or prof.l degree	None	None
25-1121	Art, Drama, & Music Teachers, Postsecondary	1,765	1,939	174	9.86	28	45	\$57,791	PhD or prof.l degree	None	None
25-1122	Communications Teachers, Postsecondary	938	954	16	1.71	15	17	\$57,403	PhD or prof.l degree	None	None
25-1123	English Language & Literature Teachers, Postsecondary	1,372	1,417	45	3.28	22	26	\$57,413	PhD or prof.l degree	None	None
25-1124	Foreign Language & Literature Teachers, Postsecondary	958	1,057	99	10.33	15	25	\$53,769	PhD or prof.l degree	None	None
25-1125	History Teachers, Postsecondary	529	539	10	1.89	8	9	\$64,884	PhD or prof.l degree	None	None
25-1126	Philosophy & Religion Teachers, Postsecondary	553	582	29	5.24	9	12	\$56,316	PhD or prof.l degree	None	None
25-1191	Graduate Teaching Assistants	1,175	1,156	-19	-1.62	19	19	\$37,513	Master's degree	None	None
25-1193	Recreation & Fitness Studies Teachers, Postsecondary	177	180	3	1.69	3	3	\$39,360	Master's degree	None	None

25-1194	Vocational Education Teachers, Postsecondary	1,598	1,977	379	23.72	26	64	\$53,745	Bachelor's degree	1 to 5 yrs	None
25-1199	Postsecondary Teachers, All Other	531	537	6	1.13	8	9	\$52,401	Master's degree	None	None
25-2000	Primary, Secondary, & Special Education School Teachers	55,921	58,523	2,602	4.65	1,378	1,665	***			
25-2011	Preschool Teachers, Except Special Education	6,287	6,200	-87	-1.38	164	164	\$26,250	Associate's degree	None	None
25-2012	Kindergarten Teachers, Except Special Education	2,154	2,307	153	7.10	56	71	\$39,021	Bachelor's degree	None	Internship/residency
25-2021	Elementary School Teachers, Except Special Education	22,461	24,306	1,845	8.21	494	678	\$59,248	Bachelor's degree	None	Internship/residency
25-2022	Middle School Teachers, Except Special & Vocational Education	6,010	6,469	459	7.64	132	178	\$48,787	Bachelor's degree	None	Internship/residency
25-2031	Secondary School Teachers, Except Special & Vocational Education	12,675	12,530	-145	-1.14	346	346	\$48,905	Bachelor's degree	None	Internship/residency
25-2032	Vocational Education Teachers, Secondary School	399	373	-26	-6.52	11	11	\$63,151	Bachelor's degree	1 to 5 yrs	Internship/residency
25-2041	Special Education Teachers, Preschool, Kindergarten, & Elementary School	2,786	3,065	279	10.01	82	110	\$44,487	Bachelor's degree	None	Internship/residency
25-2053	Special Education Teachers, Middle School	1,212	1,343	131	10.81	36	49	***	Bachelor's degree	None	Internship/residency
25-2054	Special Education Teachers, Secondary School	1,937	1,930	-7	-0.36	57	57	***	Bachelor's degree	None	Internship/residency
25-3000	Other Teachers & Instructors	46,346	47,132	786	1.70	709	788	***			
25-3011	Adult Literacy, Remedial Education, & GED Teachers & Instructors	1,081	1,174	93	8.60	16	25	\$30,397	Bachelor's degree	None	Internship/residency
25-3021	Self-Enrichment Education Teachers	4,083	4,529	446	10.92	62	107	\$36,960	HS or EQV	1 to 5 yrs	None
25-3999	Teachers & Instructors, All Other	41,182	41,429	247	0.60	630	655	***	Bachelor's degree	None	None
25-4000	Librarians, Curators, & Archivists	8,764	8,749	-15	-0.17	268	273	***			
25-4011	Archivists	305	282	-23	-7.54	9	9	\$73,374	Bachelor's degree	None	None
25-4012	Curators	962	992	30	3.12	27	30	\$68,765	Master's degree	None	None
25-4013	Museum Technicians & Conservators	1,648	1,605	-43	-2.61	46	46	\$49,010	Bachelor's degree	None	None
25-4021	Librarians	3,795	3,811	16	0.42	99	101	\$62,162	Master's degree	None	None
25-4031	Library Technicians	2,054	2,059	5	0.24	88	88	\$36,272	Postsec. non-degree	None	None
25-9000	Other Education, Training, & Library Occupations	37,298	38,663	1,365	3.66	837	973	***			
25-9011	Audio-Visual Collections Specialists	144	156	12	8.33	3	4	\$41,441	Bachelor's degree	1 to 5 yrs	None
25-9021	Farm & Home Management Advisors	39	40	1	2.56	1	1	***	Master's degree	None	None
25-9031	Instructional Coordinators	7,797	8,385	588	7.54	172	231	\$69,910	Master's degree	More than 5 yrs	None
25-9041	Teacher Assistants	27,503	28,266	763	2.77	620	696	\$23,866	HS or EQV	None	ST OJT
25-9099	Education, Training, & Library Workers, All Other	1,815	1,816	1	0.06	40	40	\$43,129	Bachelor's degree	None	None
27-0000	Arts, Design, Entertainment, Sports, & Media Occupations	122,667	128,144	5,477	4.46	3,318	4,155	\$62,699			
27-1000	Art & Design Workers	33,433	32,205	-1,228	-3.67	928	1,006	***			
27-1011	Art Directors	2,035	2,110	75	3.69	49	57	\$71,396	Bachelor's degree	1 to 5 yrs	None
27-1013	Fine Artists, Including Painters, Sculptors, & Illustrators	165	157	-8	-4.85	4	4	\$57,387	HS or EQV	None	LT OJT
27-1014	Multi-Media Artists & Animators	986	1,039	53	5.38	24	29	\$51,255	Bachelor's degree	None	MT OJT
27-1019	Artists & Related Workers, All Other	11,831	10,888	-943	-7.97	282	282	\$75,671	HS or EQV	None	LT OJT
27-1021	Commercial & Industrial Designers	114	96	-18	-15.80	4	4	\$57,226	Bachelor's degree	None	None
27-1023	Floral Designers	890	679	-211	-23.70	28	28	\$23,543	HS or EQV	None	ST OJT
27-1024	Graphic Designers	9,653	10,250	597	6.18	299	359	\$58,321	Bachelor's degree	None	None
27-1025	Interior Designers	4,647	3,821	-826	-17.80	144	144	\$56,002	Bachelor's degree	None	None
27-1026	Merch & Display Designers & Window Trimmers	2,073	2,112	39	1.88	64	68	\$25,478	HS or EQV	None	MT OJT
27-1027	Set & Exhibit Designers	877	880	3	0.34	27	27	\$61,651	Bachelor's degree	None	None
27-2000	Entertainers & Performers, Sports & Related Workers	13,575	15,270	1,695	12.49	376	546	***			
27-2011	Actors	1,673	1,997	324	19.37	44	76	***	Some college, no degree	None	LT OJT
27-2012	Producers & Directors	6,273	6,890	617	9.84	186	248	\$80,903	Bachelor's degree	1 to 5 yrs	None
27-2021	Athletes & Sports Competitors	596	702	106	17.79	15	26	\$97,845	HS or EQV	None	LT OJT
27-2022	Coaches & Scouts	2,601	3,097	496	19.07	66	116	\$30,587	HS or EQV	None	LT OJT
27-2023	Umpires, Referees, & Other Sports Officials	94	113	19	20.21	2	4	***	HS or EQV	None	LT OJT
27-2031	Dancers	299	289	-10	-3.34	12	12	***	HS or EQV	None	LT OJT
27-2041	Music Directors & Composers	921	970	49	5.32	22	27	\$51,194	Bachelor's degree	1 to 5 yrs	None
27-2042	Musicians & Singers	687	738	51	7.42	17	22	***	HS or EQV	None	LT OJT
27-2099	Entertainers & Performers, Sports & Related Workers, All Other	408	446	38	9.31	11	15	***	HS or EQV	None	None
27-3000	Media & Communication Workers	67,275	72,207	4,932	7.33	1,846	2,408	***			
27-3011	Radio & Television Announcers	699	716	17	2.43	19	21	\$59,198	Bachelor's degree	None	None
27-3021	Broadcast News Analysts	675	722	47	6.96	24	29	\$58,097	Bachelor's degree	None	None
27-3022	Reporters & Correspondents	6,657	6,121	-536	-8.05	236	236	\$49,049	Bachelor's degree	None	None
27-3031	Public Relations Specialists	25,709	30,061	4,352	16.93	687	1,122	\$68,435	Bachelor's degree	None	MT OJT
27-3041	Editors	12,161	12,525	364	2.99	346	382	\$60,879	Bachelor's degree	1 to 5 yrs	None

27-3042	Technical Writers	4,252	4,431	179	4.21	84	102	\$59,045	Bachelor's degree	1 to 5 yrs	ST OJT
27-3043	Writers & Authors	14,769	14,614	-155	-1.05	386	386	\$71,811	Bachelor's degree	None	LT OJT
27-3091	Interpreters & Translators	1,715	2,330	615	35.86	46	108	\$38,693	Bachelor's degree	None	LT OJT
27-3099	Media & Communication Workers, All Other	570	621	51	8.95	15	20	\$58,372	HS or EQV	None	ST OJT
27-4000	Media & Communication Equipment Workers	8,384	8,462	78	0.93	168	195	***			
27-4011	Audio & Video Equipment Technicians	1,439	1,594	155	10.77	41	57	\$42,238	Postsec. non-degree	None	MT OJT
27-4012	Broadcast Technicians	1,659	1,684	25	1.51	47	49	\$60,928	Associate's degree	None	ST OJT
27-4014	Sound Engineering Technicians	318	331	13	4.09	9	10	\$66,473	Postsec. non-degree	None	ST OJT
27-4021	Photographers	2,358	2,421	63	2.67	23	29	\$45,039	HS or EQV	None	LT OJT
27-4031	Camera Operators, Television, Video, & Motion Picture	1,002	959	-43	-4.29	18	18	\$65,040	Bachelor's degree	None	MT OJT
27-4032	Film & Video Editors	439	449	10	2.28	8	9	\$62,928	Bachelor's degree	1 to 5 yrs	None
27-4099	Media & Communication Equipment Workers, All Other	1,093	949	-144	-13.20	20	20	\$87,239	HS or EQV	None	MT OJT
29-0000	Healthcare Practitioners & Technical Occupations	109,884	118,370	8,486	7.72	2,267	3,206	\$63,716			
29-1000	Health Diagnosing & Treating Practitioners	65,794	72,097	6,303	9.58	1,296	1,975	***			
29-1021	Dentists, General	1,662	1,508	-154	-9.27	49	49	\$128,109	PhD or prof.l degree	None	Internship/residency
29-1031	Dietitians & Nutritionists	1,629	1,759	130	7.98	57	70	\$39,031	Bachelor's degree	None	Internship/residency
29-1041	Optometrists	465	448	-17	-3.66	16	16	\$85,913	PhD or prof.l degree	None	None
29-1051	Pharmacists	2,967	3,107	140	4.72	76	90	\$106,244	PhD or prof.l degree	None	None
29-1061	Anesthesiologists	224	253	29	12.95	4	7	***	PhD or prof.l degree	None	Internship/residency
29-1062	Family & General Practitioners	2,560	2,425	-135	-5.27	51	51	\$126,490	PhD or prof.l degree	None	Internship/residency
29-1063	Internists, General	895	846	-49	-5.47	18	18	***	PhD or prof.l degree	None	Internship/residency
29-1064	Obstetricians & Gynecologists	177	193	16	9.04	4	6	***	PhD or prof.l degree	None	Internship/residency
29-1065	Pediatricians, General	555	637	82	14.77	11	19	***	PhD or prof.l degree	None	Internship/residency
29-1066	Psychiatrists	640	734	94	14.69	13	22	\$130,957	PhD or prof.l degree	None	Internship/residency
29-1067	Surgeons	1,790	1,667	-123	-6.87	35	35	***	PhD or prof.l degree	None	Internship/residency
29-1069	Physicians & Surgeons, All Other	6,609	6,870	261	3.95	131	157	***	PhD or prof.l degree	None	Internship/residency
29-1071	Physician Assistants	1,688	1,849	161	9.54	32	48	\$93,122	Master's degree	None	None
29-1111	Registered Nurses	33,520	38,376	4,856	14.49	607	1,093	\$69,810	Associate's degree	None	None
29-1122	Occupational Therapists	801	834	33	4.12	15	18	\$76,240	Master's degree	None	None
29-1123	Physical Therapists	1,693	1,865	172	10.16	20	37	\$72,594	PhD or prof.l degree	None	None
29-1124	Radiation Therapists	447	497	50	11.19	8	13	\$61,147	Associate's degree	None	None
29-1125	Recreational Therapists	453	489	36	7.95	16	20	\$55,719	Bachelor's degree	None	None
29-1126	Respiratory Therapists	869	1,016	147	16.92	16	31	\$52,582	Associate's degree	None	None
29-1127	Speech-Language Pathologists	1,916	2,074	158	8.25	36	52	\$71,469	Master's degree	None	None
29-1128	Therapists, all other	557	631	74	13.29	12	19	***	Master's degree	None	None
29-1131	Veterinarians	463	565	102	22.03	9	19	\$101,298	PhD or prof.l degree	None	None
29-1181	Audiologists	307	326	19	6.19	2	4	***	PhD or prof.l degree	None	None
29-1199	Health Diagnosing & Treating Practitioners, All Other	2,682	2,913	231	8.61	51	74	\$97,590	Master's degree	None	None
29-2000	Health Technologists & Technicians	39,353	41,047	1,694	4.30	804	1,015	***			
29-2011	Medical & Clinical Laboratory Technologists	2,753	2,717	-36	-1.31	54	54	\$59,656	Bachelor's degree	None	None
29-2012	Medical & Clinical Laboratory Technicians	4,674	4,718	44	0.94	91	95	\$34,394	Associate's degree	None	None
29-2021	Dental Hygienists	3,042	2,868	-174	-5.72	61	61	\$77,697	Associate's degree	None	None
29-2031	Cardiovascular Technologists & Technicians	385	419	34	8.83	6	9	\$63,738	Associate's degree	None	None
29-2032	Diagnostic Medical Sonographers	458	515	57	12.45	7	13	\$65,586	Associate's degree	None	None
29-2037	Radiologic Technologists & Technicians	3,207	3,395	188	5.86	50	69	***	Associate's degree	None	None
29-2041	Emergency Medical Technicians & Paramedics	2,673	2,877	204	7.63	54	74	\$45,367	Postsec. non-degree	None	None
29-2052	Pharmacy Technicians	3,525	3,787	262	7.43	61	87	\$31,846	HS or EQV	None	MT OJT
29-2053	Psychiatric Technicians	1,914	2,185	271	14.16	33	60	\$41,139	Postsec. non-degree	None	ST OJT
29-2055	Surgical Technologists	2,068	2,193	125	6.04	36	48	\$42,169	Postsec. non-degree	None	None
29-2056	Veterinary Technologists & Technicians	413	591	178	43.10	7	25	\$28,202	Associate's degree	None	None
29-2061	Licensed Practical & Licensed Vocational Nurses	8,987	9,614	627	6.98	240	303	\$45,687	Postsec. non-degree	None	None
29-2071	Medical Records & Health Information Technicians	2,159	2,272	113	5.23	43	54	\$39,087	Postsec. non-degree	None	None
29-2081	Opticians, Dispensing	1,118	1,008	-110	-9.84	22	22	\$31,854	HS or EQV	None	LT OJT
29-2799	Health Technologists & Technicians, All Other	1,656	1,568	-88	-5.31	33	33	***	Postsec. non-degree	None	ST OJT
29-9000	Other Healthcare Practitioners & Technical Occupations	4,737	5,226	489	10.32	167	216	***			
29-9011	Occupational Health & Safety Specialists	1,421	1,464	43	3.03	50	54	\$80,447	Bachelor's degree	None	MT OJT

29-9012	Occupational Health & Safety Technicians	198	222	24	12.12	7	9	\$25,349	HS or EQV	None	MT OJT
29-9091	Athletic Trainers	184	206	22	11.96	6	8	\$49,828	Bachelor's degree	None	None
29-9799	Healthcare Practitioners & Technical Workers, All Other, including genetic couns	2,934	3,334	400	13.63	103	143	***	Bachelor's degree	None	None
31-0000	Healthcare Support Occupations	56,819	67,049	10,230	18.00	793	1,862	\$25,737			
31-1000	Nursing, Psychiatric, & Home Health Aides	38,807	48,932	10,125	26.09	501	1,513	***			
31-1011	Home Health Aides	21,936	29,542	7,606	34.67	283	1,044	\$20,213	Less than HS	None	ST OJT
31-1012	Nursing Aides, Orderlies, & Attendants	15,327	17,612	2,285	14.91	198	426	\$25,891	Postsec. non-degree	None	None
31-1013	Psychiatric Aides	1,544	1,778	234	15.16	20	43	\$37,430	HS or EQV	None	ST OJT
31-2000	Occupational & Physical Therapist Assistants & Aides	1,100	1,231	131	11.91	17	30	***			
31-2012	Occupational Therapist Aides	179	202	23	12.85	3	5	\$31,639	HS or EQV	None	ST OJT
31-2021	Physical Therapist Assistants	440	503	63	14.32	7	13	\$37,698	Associate's degree	None	None
31-2022	Physical Therapist Aides	419	459	40	9.55	6	10	\$26,167	HS or EQV	None	MT OJT
31-9000	Other Healthcare Support Occupations	16,912	16,886	-26	-0.15	275	318	***			
31-9011	Massage Therapists	1,552	1,777	225	14.50	25	47	\$32,660	Postsec. non-degree	None	None
31-9091	Dental Assistants	2,497	2,253	-244	-9.77	52	52	\$44,979	Postsec. non-degree	None	None
31-9092	Medical Assistants	7,655	7,484	-171	-2.23	117	117	\$31,691	HS or EQV	None	MT OJT
31-9093	Medical Equipment Preparers	515	539	24	4.66	8	10	\$34,109	HS or EQV	None	MT OJT
31-9094	Medical Transcriptionists	273	230	-43	-15.80	4	4	\$38,977	Postsec. non-degree	None	None
31-9095	Pharmacy Aides	532	558	26	4.89	8	11	\$31,093	HS or EQV	None	ST OJT
31-9096	Veterinary Assistants & Laboratory Animal Caretakers	664	703	39	5.87	10	14	\$27,245	HS or EQV	None	ST OJT
31-9799	Healthcare Support Workers, All Other	3,224	3,342	118	3.66	49	61	***	HS or EQV	None	ST OJT
33-0000	Protective Service Occupations	100,301	111,461	11,160	11.13	2,191	3,452	\$45,073			
33-1000	First-Line Supervisors/Managers, Protective Service Workers	7,501	7,264	-237	-3.16	270	287	***			
33-1011	First-Line Supervisors/Managers of Correctional Officers	996	1,015	19	1.91	34	36	\$59,008	HS or EQV	1 to 5 yrs	MT OJT
33-1012	First-Line Supervisors/Managers of Police & Detectives	3,836	3,432	-404	-10.50	132	132	\$115,461	HS or EQV	1 to 5 yrs	MT OJT
33-1021	First-Line Supervisors/Managers of Fire Fighting & Prevention Workers	1,003	1,018	15	1.50	47	49	\$78,335	Postsec. non-degree	1 to 5 yrs	None
33-1099	First-Line Supervisors/Managers, Protective Service Workers, All Other	1,666	1,799	133	7.98	57	70	\$44,550	HS or EQV	1 to 5 yrs	None
33-2000	Fire Fighting & Prevention Workers	5,320	5,406	86	1.62	146	155	***			
33-2011	Fire Fighters	5,045	5,127	82	1.63	139	147	\$60,074	Postsec. non-degree	None	LT OJT
33-2021	Fire Inspectors & Investigators	237	242	5	2.11	6	6	\$68,383	HS or EQV	More than 5 yrs	MT OJT
33-3000	Law Enforcement Workers	37,933	38,340	407	1.07	894	1,026	***			
33-3011	Bailiffs	341	346	5	1.47	6	6	***	HS or EQV	None	MT OJT
33-3012	Correctional Officers & Jailers	14,129	15,437	1,308	9.26	248	379	\$35,181	HS or EQV	None	MT OJT
33-3021	Detectives & Criminal Investigators	6,643	6,226	-417	-6.28	148	148	\$104,996	HS or EQV	1 to 5 yrs	MT OJT
33-3031	Fish & Game Wardens	199	198	-1	-0.50	5	5	***	HS or EQV	None	ST OJT
33-3041	Parking Enforcement Workers	155	158	3	1.94	4	4	\$41,393	HS or EQV	None	ST OJT
33-3051	Police & Sheriff's Patrol Officers	16,421	15,929	-492	-3.00	482	482	\$59,692	HS or EQV	None	MT OJT
33-9000	Other Protective Service Workers	49,547	60,451	10,904	22.01	880	1,984	***			
33-9011	Animal Control Workers	244	255	11	4.51	6	7	\$62,313	HS or EQV	None	MT OJT
33-9021	Private Detectives & Investigators	1,205	1,615	410	34.02	27	68	\$21,642	Some college, no degree	1 to 5 yrs	MT OJT
33-9032	Security Guards	45,610	56,202	10,592	23.22	724	1,783	\$34,310	HS or EQV	None	ST OJT
33-9091	Crossing Guards	785	684	-101	-12.90	19	19	\$28,115	HS or EQV	None	ST OJT
33-9092	Lifeguards, Ski Patrol, & Other Recreational Protective Service Workers	829	855	26	3.14	53	56	\$26,947	HS or EQV	None	ST OJT
33-9099	Protective Service Workers, All Other	786	750	-36	-4.58	50	50	\$54,989	HS or EQV	None	ST OJT
35-0000	Food Preparation & Serving Related Occupations	208,210	226,421	18,211	8.75	7,457	9,324	\$21,426			
35-1000	Supervisors, Food Preparation & Serving Workers	22,010	22,937	927	4.21	435	555	***			
35-1011	Chefs & Head Cooks	9,627	9,358	-269	-2.79	172	172	\$31,488	HS or EQV	1 to 5 yrs	None
35-1012	First-Line Supervisors/Managers of Food Preparation & Serving Workers	12,383	13,579	1,196	9.66	262	382	\$34,610	HS or EQV	1 to 5 yrs	None
35-2000	Cooks & Food Preparation Workers	54,009	59,704	5,695	10.54	1,371	1,956	***			
35-2011	Cooks, Fast Food	5,548	5,391	-157	-2.83	118	118	\$17,171	Less than HS	None	ST OJT
35-2012	Cooks, Institution & Cafeteria	6,908	8,111	1,203	17.41	147	267	\$26,064	Less than HS	None	ST OJT
35-2014	Cooks, Restaurant	22,517	25,495	2,978	13.23	480	778	\$25,766	Less than HS	Less than 1 year	MT OJT
35-2015	Cooks, Short Order	3,625	3,790	165	4.55	77	93	\$25,701	Less than HS	None	ST OJT
35-2019	Cooks, All Other	394	453	59	14.97	8	14	\$28,440	Less than HS	None	MT OJT
35-2021	Food Preparation Workers	14,970	16,412	1,442	9.63	539	683	\$23,235	Less than HS	None	ST OJT
35-3000	Food & Beverage Serving Workers	92,826	102,467	9,641	10.39	3,771	4,735	***			

35-3011	Bartenders	11,273	12,380	1,107	9.82	392	503	\$19,737	Less than HS	None	ST OJT
35-3021	Combined Food Preparation & Serving Workers, Including Fast Food	31,341	35,887	4,546	14.50	875	1,330	\$17,787	Less than HS	None	ST OJT
35-3022	Counter Attendants, Cafeteria, Food Concession, & Coffee Shop	6,228	6,341	113	1.81	452	463	\$17,830	Less than HS	None	ST OJT
35-3031	Waiters & Waitresses	37,363	40,639	3,276	8.77	1,865	2,193	\$20,117	Less than HS	None	ST OJT
35-3041	Food Servers, Nonrestaurant	6,621	7,220	599	9.05	187	247	\$17,361	Less than HS	None	ST OJT
35-9000	Other Food Preparation & Serving Related Workers	39,365	41,313	1,948	4.95	1,880	2,078	***			
35-9011	Dining Room & Cafeteria Attendants & Bartender Helpers	16,757	17,448	691	4.12	624	693	\$17,377	Less than HS	None	ST OJT
35-9021	Dishwashers	12,976	13,835	859	6.62	592	678	\$18,396	Less than HS	None	ST OJT
35-9031	Hosts & Hostesses, Restaurant, Lounge, & Coffee Shop	9,059	9,492	433	4.78	636	679	\$22,162	Less than HS	None	None
35-9099	Food Preparation & Serving Related Workers, All Other	573	538	-35	-6.11	28	28	\$30,115	Less than HS	None	ST OJT
37-0000	Building & Grounds Cleaning & Maintenance Occupations	136,690	151,087	14,397	10.53	2,423	3,879	\$24,759			
37-1000	Supervisors, Building & Grounds Cleaning & Maintenance Workers	13,399	13,281	-118	-0.88	186	190	***			
37-1011	First-Line Supervisors/Managers of Housekeeping & Janitorial Workers	12,085	11,923	-162	-1.34	167	167	\$32,651	HS or EQV	1 to 5 yrs	None
37-1012	First-Line Supervisors/Managers of L & scaping, Lawn Service, & Groundskeeping	1,314	1,358	44	3.35	19	23	\$51,015	HS or EQV	1 to 5 yrs	None
37-2000	Building Cleaning & Pest Control Workers	115,605	129,489	13,884	12.01	2,101	3,489	***			
37-2011	Janitors & Cleaners, Except Maids & Housekeeping Cleaners	74,423	85,626	11,203	15.05	1,403	2,523	\$22,041	Less than HS	None	ST OJT
37-2012	Maids & Housekeeping Cleaners	40,982	43,615	2,633	6.42	690	953	\$27,691	Less than HS	None	ST OJT
37-2021	Pest Control Workers	179	227	48	26.82	8	13	\$41,020	HS or EQV	None	MT OJT
37-3000	Grounds Maintenance Workers	7,686	8,317	631	8.21	136	200	***			
37-3011	L & scaping & Groundskeeping Workers	6,658	7,261	603	9.06	118	178	\$29,626	Less than HS	None	ST OJT
37-3013	Tree Trimmers & Pruners	146	142	-4	-2.74	3	3	\$45,817	HS or EQV	None	ST OJT
37-3019	Grounds Maintenance Workers, All Other	799	829	30	3.75	14	17	\$42,631	Less than HS	None	ST OJT
39-0000	Personal Care & Service Occupations	69,510	79,418	9,908	14.25	1,693	2,689	\$25,432			
39-1000	Supervisors, Personal Care & Service Workers	3,955	4,260	305	7.71	94	124	***			
39-1011	Gaming Supervisors	105	118	13	12.38	2	3	***	HS or EQV	1 to 5 yrs	None
39-1012	Slot Key Persons	120	135	15	12.50	2	4	***	HS or EQV	1 to 5 yrs	None
39-1021	First-Line Supervisors/Managers of Personal Service Workers	3,730	4,007	277	7.43	90	118	\$40,924	HS or EQV	1 to 5 yrs	None
39-2000	Animal Care & Service Workers	1,121	1,460	339	30.24	24	58	***			
39-2021	Nonfarm Animal Caretakers	1,043	1,374	331	31.74	23	56	\$27,480	Less than HS	None	ST OJT
39-3000	Entertainment Attendants & Related Workers	5,614	6,271	657	11.70	315	381	***			
39-3011	Gaming Dealers	389	438	49	12.60	17	22	***	HS or EQV	None	MT OJT
39-3031	Ushers, Lobby Attendants, & Ticket Takers	1,842	2,126	284	15.42	107	135	\$18,862	Less than HS	None	ST OJT
39-3091	Amusement & Recreation Attendants	2,769	3,037	268	9.68	159	186	\$17,869	Less than HS	None	ST OJT
39-3092	Costume Attendants	272	314	42	15.44	16	20	\$32,387	HS or EQV	None	ST OJT
39-4000	Funeral Service Workers	370	471	101	27.30	12	22	***			
39-4831	Funeral service managers, directors, morticians, & undertakers	208	278	70	33.65	4	11	***	Associate's degree	None	Apprenticeship
39-5000	Personal Appearance Workers	12,473	14,385	1,912	15.33	233	429	***			
39-5011	Barbers	3,342	3,424	82	2.45	61	69	\$44,807	Postsec. non-degree	None	None
39-5012	Hairdressers, Hairstylists, & Cosmetologists	6,899	8,405	1,506	21.83	132	283	\$29,852	Postsec. non-degree	None	None
39-5092	Manicurists & Pedicurists	523	643	120	22.94	10	22	\$20,814	Postsec. non-degree	None	None
39-5093	Shampooers	850	801	-49	-5.76	16	16	\$18,924	Less than HS	None	ST OJT
39-5094	Skin Care Specialists	801	1,050	249	31.09	15	40	\$34,372	Postsec. non-degree	None	None
39-6000	Transportation, Tourism, & Lodging Attendants	6,407	6,617	210	3.28	158	179				
39-6011	Baggage Porters & Bellhops	4,469	4,499	30	0.67	110	113	\$21,322	HS or EQV	None	ST OJT
39-6012	Concierges	1,938	2,118	180	9.29	48	66	\$29,627	HS or EQV	None	MT OJT
39-7000	Tour & Travel Guides	755	768	13	1.72	29	30	***			
39-7011	Tour Guides & Escorts	728	739	11	1.51	28	29	***	HS or EQV	None	MT OJT
39-9000	Other Personal Care & Service Workers	38,815	45,186	6,371	16.41	827	1,464	***			
39-9011	Child Care Workers	13,224	14,098	874	6.61	416	503	\$19,055	HS or EQV	None	ST OJT
39-9021	Personal & Home Care Aides	9,004	11,395	2,391	26.55	71	310	\$23,790	Less than HS	None	ST OJT
39-9031	Fitness Trainers & Aerobics Instructors	8,299	10,472	2,173	26.18	133	350	\$38,907	HS or EQV	None	ST OJT
39-9032	Recreation Workers	3,772	4,108	336	8.91	60	94	\$38,806	Bachelor's degree	None	None
39-9041	Residential Advisors	2,983	3,481	498	16.69	113	163	\$23,591	Some college, no degree	Less than 1 year	ST OJT
39-9099	Personal Care & Service Workers, All Other	1,533	1,632	99	6.46	33	43	\$19,305	HS or EQV	None	ST OJT
41-0000	Sales & Related Occupations	232,579	246,475	13,896	5.97	7,158	8,570	\$28,591			
41-1000	Supervisors, Sales Workers	29,040	29,767	727	2.50	684	767	***			

41-1011	First-Line Supervisors/Managers of Retail Sales Workers	25,101	25,933	832	3.31	585	668	\$39,435	HS or EQV	1 to 5 yrs	None
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	3,939	3,834	-105	-2.67	99	99	\$57,732	HS or EQV	More than 5 yrs	None
41-2000	Retail Sales Workers	144,683	153,890	9,207	6.36	5,048	5,971	***			
41-2011	Cashiers	50,899	53,409	2,510	4.93	2,309	2,560	\$20,779	Less than HS	None	ST OJT
41-2012	Gaming Change Persons & Booth Cashiers	102	83	-19	-18.60	5	5	***	HS or EQV	None	ST OJT
41-2021	Counter & Rental Clerks	3,381	3,586	205	6.06	77	97	\$22,954	Less than HS	None	ST OJT
41-2022	Parts Salespersons	569	601	32	5.62	21	24	\$42,356	Less than HS	None	MT OJT
41-2031	Retail Salespersons	89,732	96,211	6,479	7.22	2,636	3,284	\$21,613	Less than HS	None	ST OJT
41-3000	Sales Representatives, Services	16,879	18,075	1,196	7.09	435	560	***			
41-3011	Advertising Sales Agents	1,550	1,658	108	6.97	47	58	\$45,819	HS or EQV	None	MT OJT
41-3021	Insurance Sales Agents	2,071	2,216	145	7.00	47	61	\$50,154	HS or EQV	None	MT OJT
41-3031	Securities, Commodities, & Financial Services Sales Agents	4,484	5,118	634	14.14	124	187	\$85,580	Bachelor's degree	None	MT OJT
41-3041	Travel Agents	2,245	2,191	-54	-2.41	24	24	\$38,872	HS or EQV	None	MT OJT
41-3099	Sales Representatives, Services, All Other	6,529	6,892	363	5.56	192	228	\$61,068	HS or EQV	None	ST OJT
41-4000	Sales Representatives, Wholesale & Manufacturing	22,097	23,835	1,738	7.87	520	694	***			
41-4011	Sales Representatives, Wholesale & Manufacturing, Technical & Scientific Products	10,428	11,149	721	6.91	245	317	\$68,546	Bachelor's degree	None	MT OJT
41-4012	Sales Representatives, Wholesale & Manufacturing, Except Technical & Scientific Products	11,669	12,686	1,017	8.72	275	377	\$47,154	HS or EQV	None	MT OJT
41-9000	Other Sales & Related Workers	19,880	20,908	1,028	5.17	471	578	***			
41-9011	Demonstrators & Product Promoters	983	1,073	90	9.16	29	38	\$60,604	HS or EQV	None	ST OJT
41-9021	Real Estate Brokers	3,295	3,272	-23	-0.70	74	74	\$52,582	HS or EQV	1 to 5 yrs	None
41-9022	Real Estate Sales Agents	8,150	8,363	213	2.61	183	204	\$71,127	HS or EQV	None	LT OJT
41-9031	Sales Engineers	690	669	-21	-3.04	23	23	\$99,843	Bachelor's degree	None	MT OJT
41-9041	Telemarketers	2,249	2,351	102	4.54	48	58	\$22,816	Less than HS	None	ST OJT
41-9799	Sales & Related Workers, All Other	4,513	5,180	667	14.78	114	181	***	HS or EQV	None	MT OJT
43-0000	Office & Administrative Support Occupations	445,834	462,902	17,068	3.83	9,345	12,076	\$38,941			
43-1000	Supervisors, Office & Administrative Support Workers	24,336	26,448	2,112	8.68	651	862	***			
43-1011	First-Line Supervisors/Managers of Office & Administrative Support Workers	24,336	26,448	2,112	8.68	651	862	\$55,232	HS or EQV	1 to 5 yrs	None
43-2000	Communications Equipment Operators	3,613	2,698	-915	-25.30	72	72	***			
43-2011	Switchboard Operators, Including Answering Service	3,421	2,513	-908	-26.50	66	66	\$32,826	HS or EQV	None	ST OJT
43-3000	Financial Clerks	49,969	53,105	3,136	6.28	955	1,279	***			
43-3011	Bill & Account Collectors	4,643	4,747	104	2.24	90	100	\$35,239	HS or EQV	None	MT OJT
43-3021	Billing & Posting Clerks & Machine Operators	7,444	8,188	744	9.99	130	204	\$40,974	HS or EQV	None	ST OJT
43-3031	Bookkeeping, Accounting, & Auditing Clerks	24,643	26,465	1,822	7.39	271	453	\$43,480	HS or EQV	None	MT OJT
43-3041	Gaming Cage Workers	98	80	-18	-18.40	2	2	***	HS or EQV	None	ST OJT
43-3051	Payroll & Timekeeping Clerks	3,780	4,170	390	10.32	78	117	\$46,168	HS or EQV	None	MT OJT
43-3061	Procurement Clerks	879	794	-85	-9.67	36	36	\$45,292	HS or EQV	None	MT OJT
43-3071	Tellers	8,482	8,661	179	2.11	349	367	\$23,983	HS or EQV	None	ST OJT
43-4000	Information & Record Clerks	125,107	130,040	4,933	3.94	3,530	4,321	***			
43-4011	Brokerage Clerks	344	367	23	6.69	10	12	\$39,957	HS or EQV	None	MT OJT
43-4021	Correspondence Clerks	362	295	-67	-18.50	10	10	\$43,721	HS or EQV	None	ST OJT
43-4031	Court, Municipal, & License Clerks	2,478	2,516	38	1.53	69	73	\$35,663	HS or EQV	None	MT OJT
43-4041	Credit Authorizers, Checkers, & Clerks	279	294	15	5.38	8	10	\$32,043	HS or EQV	None	ST OJT
43-4051	Customer Service Representatives	40,740	45,326	4,586	11.26	1,157	1,616	\$34,539	HS or EQV	None	ST OJT
43-4061	Eligibility Interviewers, Government Programs	2,404	2,420	16	0.67	64	66	\$48,588	Associate's degree	None	MT OJT
43-4071	File Clerks	3,238	2,877	-361	-11.20	85	85	\$33,547	HS or EQV	None	ST OJT
43-4081	Hotel, Motel, & Resort Desk Clerks	3,305	3,609	304	9.20	132	162	\$28,609	HS or EQV	None	ST OJT
43-4111	Interviewers, Except Eligibility & Loan	2,322	2,507	185	7.97	46	64	\$31,096	HS or EQV	None	ST OJT
43-4121	Library Assistants, Clerical	3,232	3,291	59	1.83	145	151	\$26,684	HS or EQV	None	ST OJT
43-4131	Loan Interviewers & Clerks	5,533	5,274	-259	-4.68	103	103	\$33,412	HS or EQV	None	ST OJT
43-4151	Order Clerks	1,998	2,137	139	6.96	56	70	\$31,841	HS or EQV	None	ST OJT
43-4161	Human Resources Assistants, Except Payroll & Timekeeping	5,211	5,395	184	3.53	146	164	\$43,664	HS or EQV	None	ST OJT
43-4171	Receptionists & Information Clerks	28,330	30,402	2,072	7.31	857	1,064	\$30,764	HS or EQV	None	ST OJT
43-4181	Reservation & Transportation Ticket Agents & Travel Clerks	7,502	7,779	277	3.69	143	171	\$30,672	HS or EQV	None	ST OJT
43-4199	Information & Record Clerks, All Other	17,626	15,339	-2,287	-13.00	494	494	\$41,291	HS or EQV	None	ST OJT
43-5000	Material Recording, Scheduling, Dispatching, & Distributing Workers	44,890	43,191	-1,699	-3.78	1,091	1,206	***			
43-5011	Cargo & Freight Agents	1,137	1,484	347	30.52	28	63	\$47,366	HS or EQV	None	ST OJT

43-5021	Couriers & Messengers	1,209	1,232	23	1.90	30	32	\$30,244	HS or EQV	None	ST OJT
43-5031	Police, Fire, & Ambulance Dispatchers	1,509	1,545	36	2.39	29	33	\$58,698	HS or EQV	None	MT OJT
43-5032	Dispatchers, Except Police, Fire, & Ambulance	2,546	2,993	447	17.56	48	93	\$35,454	HS or EQV	None	MT OJT
43-5041	Meter Readers, Utilities	284	292	8	2.82	9	10	***	HS or EQV	None	ST OJT
43-5051	Postal Service Clerks	414	203	-211	-51.00	10	10	\$48,711	HS or EQV	None	ST OJT
43-5052	Postal Service Mail Carriers	2,345	1,965	-380	-16.20	77	77	\$50,094	HS or EQV	None	ST OJT
43-5053	Postal Service Mail Sorters, Processors, & Processing Machine Operators	1,998	979	-1,019	-51.00	10	10	\$48,701	HS or EQV	None	ST OJT
43-5061	Production, Planning, & Expediting Clerks	2,933	3,179	246	8.39	77	102	\$45,837	HS or EQV	None	MT OJT
43-5071	Shipping, Receiving, & Traffic Clerks	8,318	8,089	-229	-2.75	212	212	\$41,019	HS or EQV	None	ST OJT
43-5081	Stock Clerks & Order Fillers	21,456	20,443	-1,013	-4.72	533	533	\$27,499	Less than HS	None	ST OJT
43-5111	Weighers, Measurers, Checkers, & Samplers, Recordkeeping	741	787	46	6.21	29	34	\$23,811	HS or EQV	None	ST OJT
43-6000	Secretaries & Administrative Assistants	106,663	112,212	5,549	5.20	1,430	2,055	***			
43-6011	Executive Secretaries & Administrative Assistants	50,656	54,767	4,111	8.12	679	1,090	\$44,595	HS or EQV	1 to 5 yrs	None
43-6012	Legal Secretaries	11,952	13,446	1,494	12.50	160	309	\$56,387	HS or EQV	None	MT OJT
43-6013	Medical Secretaries	5,777	6,422	645	11.16	78	142	\$35,018	HS or EQV	None	MT OJT
43-6014	Secretaries, Except Legal, Medical, & Executive	38,278	37,577	-701	-1.83	513	513	\$43,776	HS or EQV	None	ST OJT
43-9000	Other Office & Administrative Support Workers	91,256	95,208	3,952	4.33	1,616	2,281	***			
43-9011	Computer Operators	3,160	2,908	-252	-7.97	30	30	\$48,828	HS or EQV	None	MT OJT
43-9021	Data Entry Keyers	6,028	5,406	-622	-10.30	106	106	\$35,418	HS or EQV	None	MT OJT
43-9022	Word Processors & Typists	6,524	5,087	-1,437	-22.00	38	38	\$27,949	HS or EQV	None	ST OJT
43-9031	Desktop Publishers	383	347	-36	-9.40	7	7	\$38,296	Associate's degree	None	ST OJT
43-9041	Insurance Claims & Policy Processing Clerks	2,527	3,132	605	23.94	76	136	\$27,867	HS or EQV	None	MT OJT
43-9051	Mail Clerks & Mail Machine Operators, Except Postal Service	4,120	4,369	249	6.04	80	105	\$36,007	HS or EQV	None	ST OJT
43-9061	Office Clerks, General	53,721	58,980	5,259	9.79	950	1,476	\$32,662	HS or EQV	None	ST OJT
43-9071	Office Machine Operators, Except Computer	3,079	2,730	-349	-11.30	86	86	\$30,686	HS or EQV	None	ST OJT
43-9081	Proofreaders & Copy Markers	1,255	1,263	8	0.64	23	24	\$34,479	Bachelor's degree	None	MT OJT
43-9111	Statistical Assistants	409	418	9	2.20	8	9	\$48,116	Bachelor's degree	None	None
43-9799	Office & Administrative Support Workers, All Other	10,050	10,568	518	5.15	212	264	***	HS or EQV	None	ST OJT
45-0000	Farming, Fishing, & Forestry Occupations	2,709	2,696	-13	-0.48	80	83	\$47,871			
45-1000	Supervisors, Farming, Fishing, & Forestry Workers	210	221	11	5.24	6	7	***			
45-1011	First-Line Supervisors/Managers of Farming, Fishing, & Forestry Workers	210	221	11	5.24	6	7	\$37,775	HS or EQV	1 to 5 yrs	None
45-2000	Agricultural Workers	2,231	2,199	-32	-1.43	68	69	***			
45-2091	Agricultural Equipment Operators	137	137	0	0.00	4	4	***	Less than HS	Less than 1 year	ST OJT
45-2092	Farmworkers & Laborers, Crop, Nursery, & Greenhouse	1,425	1,420	-5	-0.35	43	43	\$43,453	Less than HS	None	ST OJT
45-2093	Farmworkers, Farm & Ranch Animals	358	326	-32	-8.94	11	11	\$47,875	Less than HS	None	ST OJT
45-4000	Forest, Conservation, & Logging Workers	234	242	8	3.42	6	7	***			
45-4011	Forest & Conservation Workers	154	155	1	0.65	4	4	***	HS or EQV	None	MT OJT
47-0000	Construction & Extraction Occupations	148,415	183,100	34,685	23.37	3,196	6,671	\$46,212			
47-1000	Supervisors, Construction & Extraction Workers	10,944	13,175	2,231	20.39	252	475	***			
47-1011	First-Line Supervisors/Managers of Construction Trades & Extraction Workers	10,944	13,175	2,231	20.39	252	475	\$64,141	HS or EQV	More than 5 yrs	None
47-2000	Construction Trades Workers	118,618	146,539	27,921	23.54	2,423	5,218	***			
47-2011	Boilermakers	214	253	39	18.22	8	12	\$59,192	HS or EQV	None	Apprenticeship
47-2021	Brickmasons & Blockmasons	2,541	3,605	1,064	41.87	52	158	\$43,873	HS or EQV	None	Apprenticeship
47-2022	Stonemasons	327	506	179	54.74	7	25	\$45,820	HS or EQV	None	Apprenticeship
47-2031	Carpenters	17,574	19,933	2,359	13.42	372	608	\$46,865	HS or EQV	None	Apprenticeship
47-2041	Carpet Installers	321	394	73	22.74	7	14	***	Less than HS	None	ST OJT
47-2051	Cement Masons & Concrete Finishers	7,476	10,186	2,710	36.25	118	389	\$33,813	Less than HS	None	MT OJT
47-2061	Construction Laborers	25,152	29,875	4,723	18.78	201	673	\$31,665	Less than HS	None	ST OJT
47-2071	Paving, Surfacing, & Tamping Equipment Operators	2,222	2,839	617	27.77	46	108	\$48,620	HS or EQV	None	MT OJT
47-2072	Pile-Driver Operators	112	127	15	13.39	2	4	***	HS or EQV	None	MT OJT
47-2073	Operating Engineers & Other Construction Equipment Operators	3,815	4,047	232	6.08	88	111	\$49,241	HS or EQV	None	MT OJT
47-2081	Drywall & Ceiling Tile Installers	2,481	3,013	532	21.44	68	121	\$45,142	Less than HS	None	MT OJT
47-2082	Tapers	329	476	147	44.68	9	24	\$46,921	Less than HS	None	MT OJT
47-2111	Electricians	19,152	23,903	4,751	24.81	516	991	\$55,740	HS or EQV	None	Apprenticeship
47-2132	Insulation Workers, Mechanical	1,086	1,437	351	32.32	43	78	\$30,865	HS or EQV	None	Apprenticeship
47-2141	Painters, Construction & Maintenance	6,822	7,936	1,114	16.33	149	260	\$42,417	Less than HS	None	MT OJT

47-2151	Pipelayers	643	664	21	3.27	19	21	\$38,421	HS or EQV	None	ST OJT
47-2152	Plumbers, Pipefitters, & Steamfitters	17,544	22,811	5,267	30.02	506	1,033	\$55,636	HS or EQV	None	Apprenticeship
47-2161	Plasterers & Stucco Masons	640	615	-25	-3.91	13	13	\$41,964	Less than HS	None	LT OJT
47-2171	Reinforcing Iron & Rebar Workers	4,389	6,823	2,434	55.46	90	333	\$33,454	HS or EQV	None	Apprenticeship
47-2181	Roofers	482	577	95	19.71	10	20	\$40,197	Less than HS	None	MT OJT
47-2211	Sheet Metal Workers	3,813	4,625	812	21.30	65	146	\$52,626	HS or EQV	None	Apprenticeship
47-2221	Structural Iron & Steel Workers	1,287	1,624	337	26.18	26	60	\$40,594	HS or EQV	None	Apprenticeship
47-3000	Helpers, Construction Trades	9,009	12,634	3,625	40.24	239	601	***			
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, & Tile & Marble Setters	2,540	4,134	1,594	62.76	67	226	\$43,538	Less than HS	None	ST OJT
47-3012	Helpers--Carpenters	1,291	1,807	516	39.97	34	86	\$24,917	Less than HS	None	ST OJT
47-3013	Helpers--Electricians	2,504	3,130	626	25.00	66	129	\$27,523	HS or EQV	None	ST OJT
47-3014	Helpers--Painters, Paperhangers, Plasterers, & Stucco Masons	144	178	34	23.61	4	7	\$20,231	Less than HS	None	ST OJT
47-3015	Helpers--Pipefitters, Plumbers, Pipefitters, & Steamfitters	953	1,445	492	51.63	25	74	\$23,048	HS or EQV	None	ST OJT
47-3019	Helpers, Construction Trades, All Other	1,481	1,835	354	23.90	39	74	\$21,235	Less than HS	None	ST OJT
47-4000	Other Construction & Related Workers	9,393	10,306	913	9.72	273	364	***			
47-4011	Construction & Building Inspectors	4,278	4,853	575	13.44	126	184	\$75,376	HS or EQV	More than 5 yrs	MT OJT
47-4021	Elevator Installers & Repairers	641	697	56	8.74	19	25	\$62,368	HS or EQV	None	Apprenticeship
47-4041	Hazardous Materials Removal Workers	155	179	24	15.48	4	6	\$28,798	HS or EQV	None	MT OJT
47-4051	Highway Maintenance Workers	2,843	2,889	46	1.62	75	80	\$68,827	HS or EQV	None	MT OJT
47-4071	Septic Tank Servicers & Sewer Pipe Cleaners	123	126	3	2.44	3	3	***	Less than HS	None	MT OJT
47-4799	Construction & Related Workers, All Other	1,350	1,559	209	15.48	45	66	***	HS or EQV	None	MT OJT
47-5000	Extraction Workers	451	446	-5	-1.11	10	14	***			
47-5031	Explosives Workers, Ordnance H & ling Experts, & Blasters	113	148	35	30.97	2	6	***	HS or EQV	None	MT OJT
49-0000	Installation, Maintenance, & Repair Occupations	78,388	84,883	6,495	8.29	1,807	2,518	\$45,009			
49-1000	Supervisors of Installation, Maintenance, & Repair Workers	7,661	8,557	896	11.70	202	292	***			
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, & Repairers	7,661	8,557	896	11.70	202	292	\$64,754	HS or EQV	1 to 5 yrs	None
49-2000	Electrical & Electronic Equipment Mechanics, Installers, & Repairers	10,840	11,617	777	7.17	237	337	***			
49-2011	Computer, Automated Teller, & Office Machine Repairers	3,361	3,830	469	13.95	82	129	\$41,545	Postsec. non-degree	None	None
49-2022	Telecommunications Equipment Installers & Repairers, Except Line Installers	2,100	2,304	204	9.71	33	53	\$47,941	Postsec. non-degree	None	MT OJT
49-2092	Electric Motor, Power Tool, & Related Repairers	660	748	88	13.33	6	15	\$50,978	Postsec. non-degree	None	LT OJT
49-2093	Electrical & Electronics Installers & Repairers, Transportation Equipment	157	139	-18	-11.50	4	4	\$36,338	Postsec. non-degree	None	LT OJT
49-2094	Electrical & Electronics Repairers, Commercial & Industrial Equipment	1,106	1,112	6	0.54	27	28	\$59,885	Postsec. non-degree	None	LT OJT
49-2095	Electrical & Electronics Repairers, Powerhouse, Substation, & Relay	884	927	43	4.86	22	26	\$57,053	Postsec. non-degree	None	LT OJT
49-2096	Electronic Equipment Installers & Repairers, Motor Vehicles	1,860	1,666	-194	-10.40	46	46	\$21,540	Postsec. non-degree	None	ST OJT
49-2097	Electronic Home Entertainment Equipment Installers & Repairers	100	88	-12	-12.00	2	2	\$34,832	Postsec. non-degree	None	None
49-2098	Security & Fire Alarm Systems Installers	578	763	185	32.01	14	32	\$42,858	HS or EQV	None	MT OJT
49-3000	Vehicle & Mobile Equipment Mechanics, Installers	21,679	24,120	2,441	11.26	554	799	***			
49-3011	Aircraft Mechanics & Service Technicians	393	503	110	27.99	12	23	\$68,254	Postsec. non-degree	None	None
49-3021	Automotive Body & Related Repairers	2,524	3,029	505	20.01	61	111	\$33,128	HS or EQV	None	MT OJT
49-3023	Automotive Service Technicians & Mechanics	10,187	11,225	1,038	10.19	263	367	\$46,259	HS or EQV	None	LT OJT
49-3031	Bus & Truck Mechanics & Diesel Engine Specialists	1,081	1,076	-5	-0.46	24	24	\$40,605	HS or EQV	None	LT OJT
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	1,038	1,312	274	26.40	27	54	\$49,325	HS or EQV	None	LT OJT
49-3051	Motorboat Mechanics	111	109	-2	-1.80	3	3	***	HS or EQV	None	LT OJT
49-3091	Bicycle Repairers	832	1,130	298	35.82	22	52	\$20,179	HS or EQV	None	MT OJT
49-3093	Tire Repairers & Changers	5,450	5,668	218	4.00	141	163	\$21,455	HS or EQV	None	MT OJT
49-9000	Other Installation, Maintenance, & Repair Occupations	38,208	40,589	2,381	6.23	814	1,091	***			
49-9012	Control & Valve Installers & Repairers, Except Mechanical Door	776	698	-78	-10.10	14	14	\$55,316	HS or EQV	None	MT OJT
49-9021	Heating, Air Conditioning, & Refrigeration Mechanics & Installers	2,371	2,903	532	22.44	42	95	\$54,730	Postsec. non-degree	None	LT OJT
49-9031	Home Appliance Repairers	128	117	-11	-8.59	2	2	\$53,949	HS or EQV	None	MT OJT
49-9041	Industrial Machinery Mechanics	1,677	2,037	360	21.47	32	68	\$56,695	HS or EQV	None	LT OJT
49-9043	Maintenance Workers, Machinery	1,123	1,280	157	13.98	21	37	\$42,184	HS or EQV	None	MT OJT
49-9051	Electrical Power-Line Installers & Repairers	1,805	1,919	114	6.32	64	75	\$52,865	HS or EQV	None	LT OJT
49-9052	Telecommunications Line Installers & Repairers	4,426	4,169	-257	-5.81	81	81	\$54,707	HS or EQV	None	LT OJT
49-9062	Medical Equipment Repairers	836	991	155	18.54	23	39	\$43,262	Associate's degree	None	MT OJT
49-9064	Watch Repairers	187	161	-26	-13.90	5	5	***	HS or EQV	None	LT OJT
49-9071	Maintenance & Repair Workers, General	20,532	21,432	900	4.38	378	468	***	HS or EQV	None	MT OJT

49-9091	Coin, Vending, & Amusement Machine Servicers & Repairers	210	251	41	19.52	4	8	***		HS or EQV	None	ST OJT
49-9094	Locksmiths & Safe Repairers	376	407	31	8.24	7	10		\$48,781	HS or EQV	None	LT OJT
49-9098	Helpers--Installation, Maintenance, & Repair Workers	2,574	2,982	408	15.85	118	159		\$32,092	HS or EQV	None	MT OJT
49-9799	Installation, Maintenance, & Repair Workers, All Other	903	957	54	5.98	17	22	***		HS or EQV	None	MT OJT
51-0000	Production Occupations	55,178	56,084	906	1.64	1,223	1,581		\$39,387			
51-1000	Supervisors, Production Workers	5,393	5,558	165	3.06	70	86	***				
51-1011	First-Line Supervisors/Managers of Production & Operating Workers	5,393	5,558	165	3.06	70	86		\$57,976	Postsec. non-degree	1 to 5 yrs	None
51-2000	Assemblers & Fabricators	1,513	1,787	274	18.11	30	58	***				
51-2041	Structural Metal Fabricators & Fitters	574	824	250	43.55	11	36		\$28,301	HS or EQV	None	MT OJT
51-2092	Team Assemblers	701	700	-1	-0.14	14	14		\$21,952	HS or EQV	None	MT OJT
51-2099	Assemblers & Fabricators, All Other	229	253	24	10.48	4	6	***		HS or EQV	None	MT OJT
51-3000	Food Processing Workers	6,143	6,326	183	2.98	176	194	***				
51-3011	Bakers	2,740	2,744	4	0.15	79	79		\$28,115	Less than HS	None	LT OJT
51-3021	Butchers & Meat Cutters	1,212	1,265	53	4.37	35	40		\$36,619	Less than HS	None	LT OJT
51-3022	Meat, Poultry, & Fish Cutters & Trimmers	593	625	32	5.40	17	20		\$19,328	Less than HS	None	ST OJT
51-3091	Food & Tobacco Roasting, Baking, & Drying Machine Operators & Tenders	91	94	3	3.30	3	3	***		Less than HS	None	MT OJT
51-3092	Food Batchmakers	1,502	1,592	90	5.99	42	51	***		HS or EQV	Less than 1 year	ST OJT
51-4000	Metal Workers & Plastic Workers	5,096	6,438	1,342	26.33	125	260	***				
51-4041	Machinists	1,107	1,365	258	23.31	20	46		\$57,931	HS or EQV	None	LT OJT
51-4121	Welders, Cutters, Solderers, & Brazers	3,820	4,908	1,088	28.48	102	211		\$45,443	HS or EQV	Less than 1 year	MT OJT
51-4122	Welding, Soldering, & Brazing Machine Setters, Operators, & Tenders	60	60	0	0.00	2	2		\$26,138	HS or EQV	None	MT OJT
51-5000	Printing Workers	12,599	10,840	-1,759	-14.00	285	285	***				
51-5111	Prepress Technicians & Workers	6,957	5,614	-1,343	-19.30	163	163	***		Postsec. non-degree	None	None
51-5112	Printing Press Operators & Job Printers	4,826	4,522	-304	-6.30	94	94	***		HS or EQV	None	MT OJT
51-5113	Print Binding & Finishing Workers	816	704	-112	-13.70	28	28	***		HS or EQV	None	ST OJT
51-6000	Textile, Apparel, & Furnishings Workers	4,924	4,884	-40	-0.81	79	98	***				
51-6011	Laundry & Dry-Cleaning Workers	2,621	2,786	165	6.30	50	66		\$27,576	Less than HS	None	ST OJT
51-6021	Pressers, Textile, Garment, & Related Materials	960	962	2	0.21	7	7		\$19,229	Less than HS	None	ST OJT
51-6031	Sewing Machine Operators	172	119	-53	-30.80	1	1		\$30,343	Less than HS	None	ST OJT
51-6041	Shoe & Leather Workers & Repairers	175	166	-9	-5.14	6	6		\$21,478	HS or EQV	None	MT OJT
51-6051	Sewers, H &	58	61	3	5.17	1	1		\$30,476	Less than HS	None	MT OJT
51-6052	Tailors, Dressmakers, & Custom Sewers	704	534	-170	-24.20	9	9		\$17,724	Less than HS	None	MT OJT
51-6093	Upholsterers	229	250	21	9.17	6	8		\$32,922	HS or EQV	None	MT OJT
51-7000	Woodworkers	4,039	4,738	699	17.31	100	170	***				
51-7011	Cabinetmakers & Bench Carpenters	3,286	3,957	671	20.42	81	148		\$47,846	HS or EQV	None	MT OJT
51-7021	Furniture Finishers	514	541	27	5.25	13	16		\$37,919	HS or EQV	None	ST OJT
51-7099	Woodworkers, All Other	238	239	1	0.42	6	6		\$43,925	HS or EQV	None	MT OJT
51-8000	Plant & System Operators	4,971	4,929	-42	-0.84	128	161	***				
51-8012	Power Distributors & Dispatchers	156	146	-10	-6.41	6	6	***		HS or EQV	None	LT OJT
51-8013	Power Plant Operators	108	102	-6	-5.56	4	4	***		HS or EQV	None	LT OJT
51-8021	Stationary Engineers & Boiler Operators	1,654	1,349	-305	-18.40	36	36		\$57,573	HS or EQV	None	LT OJT
51-8031	Water & Liquid Waste Treatment Plant & System Operators	2,626	2,955	329	12.53	68	101		\$54,623	HS or EQV	None	LT OJT
51-8099	Plant & System Operators, All Other	417	367	-50	-12.00	14	14		\$57,337	HS or EQV	None	LT OJT
51-9000	Other Production Occupations	10,500	10,584	84	0.80	230	268	***				
51-9012	Separating, Filtering, Clarifying, Precipitating, & Still Machine Setters, Operators,	719	806	87	12.10	12	21		\$39,105	HS or EQV	None	MT OJT
51-9023	Mixing & Blending Machine Setters, Operators, & Tenders	198	232	34	17.17	6	9	***		HS or EQV	None	MT OJT
51-9061	Inspectors, Testers, Sorters, Samplers, & Weighers	777	827	50	6.44	17	22		\$49,073	HS or EQV	None	MT OJT
51-9071	Jewelers & Precious Stone & Metal Workers	237	204	-33	-13.90	6	6	***		HS or EQV	None	LT OJT
51-9081	Dental Laboratory Technicians	257	234	-23	-8.95	8	8		\$54,372	HS or EQV	None	MT OJT
51-9083	Ophthalmic Laboratory Technicians	71	60	-11	-15.50	2	2		\$30,993	HS or EQV	None	MT OJT
51-9111	Packaging & Filling Machine Operators & Tenders	2,998	2,987	-11	-0.37	49	49		\$18,018	HS or EQV	None	MT OJT
51-9122	Painters, Transportation Equipment	354	386	32	9.04	8	11		\$47,366	HS or EQV	None	MT OJT
51-9151	Photographic Process Workers & Processing Machine Operators	1,766	1,553	-213	-12.10	44	44	***		HS or EQV	None	ST OJT
51-9194	Etchers & Engravers	40	34	-6	-15.00	0	0		\$121,139	HS or EQV	None	MT OJT
51-9195	Molders, Shapers, & Casters, Except Metal & Plastic	413	468	55	13.32	15	21	***		HS or EQV	None	LT OJT
51-9198	Helpers--Production Workers	634	697	63	9.94	10	16		\$21,317	Less than HS	None	ST OJT

51-9399	Production Workers, All Other	1,932	1,986	54	2.80	51	56	***		HS or EQV	None	MT OJT
53-0000	Transportation & Material Moving Occupations	110,379	120,078	9,699	8.79	2,745	3,753		\$30,290			
53-1000	Supervisors, Transportation & Material Moving Workers	7,390	8,534	1,144	15.48	152	266	***				
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, & Material Movers, H &	4,874	5,768	894	18.34	100	189		\$48,886	HS or EQV	1 to 5 yrs	None
53-1031	First-Line Supervisors/Managers of Transportation & Material-Moving Machine	2,514	2,764	250	9.94	52	77		\$53,546	HS or EQV	1 to 5 yrs	None
53-2000	Air Transportation Workers	2,888	3,350	462	16.00	110	156	***				
53-2012	Commercial Pilots	793	963	170	21.44	30	47		\$70,802	Postsec. non-degree	None	None
53-2021	Air Traffic Controllers	990	1,048	58	5.86	38	44		\$124,965	Associate's degree	None	LT OJT
53-2022	Airfield Operations Specialists	1,090	1,325	235	21.56	41	65		\$70,185	HS or EQV	None	LT OJT
53-3000	Motor Vehicle Operators	46,395	50,586	4,191	9.03	852	1,283	***				
53-3021	Bus Drivers, Transit & Intercity	2,839	3,212	373	13.14	55	92		\$36,706	HS or EQV	None	MT OJT
53-3022	Bus Drivers, School	2,301	2,635	334	14.52	44	77		\$27,793	HS or EQV	None	MT OJT
53-3031	Driver/Sales Workers	5,800	5,987	187	3.22	115	134		\$30,607	HS or EQV	None	ST OJT
53-3032	Truck Drivers, Heavy & Tractor-Trailer	12,250	13,435	1,185	9.67	244	362		\$38,540	HS or EQV	1 to 5 yrs	ST OJT
53-3033	Truck Drivers, Light or Delivery Services	12,903	14,008	1,105	8.56	257	367		\$29,813	HS or EQV	None	ST OJT
53-3041	Taxi Drivers & Chauffeurs	8,950	10,070	1,120	12.51	111	223		\$31,399	Less than HS	None	ST OJT
53-3099	Motor Vehicle Operators, All Other	1,280	1,162	-118	-9.22	25	25		\$37,645	HS or EQV	None	ST OJT
53-4000	Rail Transportation Workers	119	122	3	2.52	4	4	***				
53-4041	Subway & Streetcar Operators	102	105	3	2.94	3	3	***		HS or EQV	None	MT OJT
53-5000	Water Transportation Workers	581	652	71	12.22	23	30	***				
53-5011	Sailors & Marine Oilers	265	311	46	17.36	11	16		\$35,151	Less than HS	None	ST OJT
53-5021	Captains, Mates, & Pilots of Water Vessels	184	204	20	10.87	7	9		\$82,248	Bachelor's degree	None	None
53-6000	Other Transportation Workers	17,579	18,286	707	4.02	518	614	***				
53-6011	Bridge & Lock Tenders	36	36	0	0.00	1	1		\$53,131	Less than HS	None	ST OJT
53-6021	Parking Lot Attendants	12,073	12,978	905	7.50	361	451		\$18,814	Less than HS	None	ST OJT
53-6031	Service Station Attendants	2,494	2,347	-147	-5.89	82	82		\$17,532	Less than HS	None	ST OJT
53-6041	Traffic Technicians	164	177	13	7.93	5	6		\$40,263	Less than HS	None	ST OJT
53-6051	Transportation Inspectors	819	817	-2	-0.24	20	20		\$105,808	Some college, no degree	None	ST OJT
53-6061	Transportation Attendants, Except Flight Attendants	939	980	41	4.37	18	22	***		HS or EQV	None	ST OJT
53-6099	Transportation Workers, All Other	1,054	951	-103	-9.77	32	32		\$27,748	HS or EQV	None	ST OJT
53-7000	Material Moving Workers	35,427	38,548	3,121	8.81	1,086	1,399	***				
53-7011	Conveyor Operators & Tenders	996	1,010	14	1.41	30	31		\$38,684	Less than HS	None	ST OJT
53-7021	Crane & Tower Operators	368	463	95	25.82	10	20		\$47,480	Less than HS	1 to 5 yrs	LT OJT
53-7032	Excavating & Loading Machine & Dragline Operators	745	884	139	18.66	22	36		\$32,892	Less than HS	1 to 5 yrs	MT OJT
53-7051	Industrial Truck & Tractor Operators	1,774	1,861	87	4.90	50	59		\$39,753	Less than HS	Less than 1 year	ST OJT
53-7061	Cleaners of Vehicles & Equipment	5,144	6,320	1,176	22.86	153	271		\$17,883	Less than HS	None	ST OJT
53-7062	Laborers & Freight, Stock, & Material Movers, H &	18,612	19,686	1,074	5.77	595	702		\$27,549	Less than HS	None	ST OJT
53-7064	Packers & Packagers, H &	3,299	3,383	84	2.55	94	102		\$18,728	Less than HS	None	ST OJT
53-7081	Refuse & Recyclable Material Collectors	4,356	4,820	464	10.65	129	175		\$35,074	Less than HS	None	ST OJT

Notes: *DC MSA Occupational Projections, 2010 - 2020

**Bureau of Labor Statistics, Occupational Employment Statistics (OES), May 2011 survey

***Data Not Available

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