District of Columbia	
Long-Term Occupational Projections	

							cupation		0113						
	T	Emplo	ovment	Change	in Emplo		020 - 203	u Annual Op	eninas Di	ue To *	Wa	nes**	Educat	ion, Experience, and	Training
Occupational		Linpic	yment	Change										Work Experience in	
Code	Occupational Title	2020	2030	Numerical	Percent	Percent	Annual Exits	Annual Transfers	Annual Change	Total Annual Openings	Annual Mean	Annual Median	Typical Education Needed for	a Related	Typical On-the-Job Training
									•				Entry	Occupation	Needed to Attain Competency
00-0000	Total, All Occupations	756,899	854,653	97,754	12.9	1.2	28,946	47,811	9,775	86,532	\$95,330	\$79,650			
11-0000	Management Occupations	105,574	112,546	6,972	6.6	0.6	2,448	5,925	697	9,070	\$157,660	\$149,620			
11-1000	Top Executives	32,006	34,269	2,263	7.1	0.7	682	1,996	226	2,904	N/A	N/A			
	Chief Executives	2,747	2,609	-138	-5.0	-0.5	73	108	-14	167	\$253,820	N/A	Bachelor's degree	5 years or more	None
	General and Operations Managers	29,234	31,633	2,399	8.2	0.8	608	1,887	240	2,735	\$159,000	\$149,630	Bachelor's degree	5 years or more	None
11-2000 11-2011	Advertising, Marketing, Promotions, Public Relations, and Sales Manag Advertising and Promotions Managers	10,007 105	11,380 115	1,373 10	13.7 9.5	1.3 0.9	252 2	634 8	137	1,023 11	N/A \$131,050	N/A \$115,550	Bachelor's degree	Less than 5 years	None
11-2021	Marketing Managers	2,577	2,873	296	11.5	1.1	54	172	30	256	\$169,320	\$158,450	Bachelor's degree	5 years or more	None
11-2022	Sales Managers	1,074	1,282	208	19.4	1.8	24	74	21	119	\$143,290		Bachelor's degree	Less than 5 years	None
11-2030	Public Relations and Fundraising Managers	6,251	7,110	859	13.7	1.3	172	379	86	637	\$204,270	\$183,900	Bachelor's degree	5 years or more	None
11-3000 11-3010	Operations Specialties Managers Administrative Services and Facilities Managers	19,343 1,441	20,262 1,516	919 75	4.8 5.2	0.5	404 42	1,052 74	92 8	1,548 124	N/A \$123,850	N/A \$116,340	Bachelor's degree	Less than 5 years	None
11-3021	Computer and Information Systems Managers	4,760	4,913	153	3.2	0.3	78	275	15	368	\$172,210	\$170,790	Bachelor's degree	5 years or more	None
11-3031	Financial Managers	8,148	8,730	582	7.1	0.7	173	424	58	655	\$177,920		Bachelor's degree	5 years or more	None
11-3051	Industrial Production Managers	51	57	6	11.8	1.1	1	2	1	4	\$108,730		Bachelor's degree	5 years or more	None
11-3061 11-3071	Purchasing Managers Transportation, Storage, and Distribution Managers	2,226 534	2,174 546	-52 12	-2.3 2.3	-0.2 0.2	48 10	119 30	-5 1	162 41	\$148,660 \$143,510	\$145,670 \$149,650	Bachelor's degree High school diploma or equivalent	5 years or more 5 years or more	None None
11-3111	Compensation and Benefits Managers	117	119	2	1.7	0.2	2	6	0	8	\$145,920	\$138,070	Bachelor's degree	5 years or more	None
11-3121	Human Resources Managers	1,843	1,940	97	5.3	0.5	44	106	10	160	\$167,190	\$163,090	Bachelor's degree	5 years or more	None
11-3131	Training and Development Managers	223	267	44	19.7	1.8	5	16	4	25	\$126,120	\$122,800	Bachelor's degree	5 years or more	None
11-9000 11-9021	Other Management Occupations Construction Managers	44,218 1,980	46,635 2,350	2,417 370	5.5 18.7	0.5 1.7	1,110 45	2,243 110	242 37	3,595 192	N/A \$105,120	N/A \$103.370	Bachelor's degree	None	Moderate-term on-the-job training
11-9021	Education Administrators, Preschool and Childcare Center/Program	460	488	28	6.1	0.6	12	22	3	37	\$62,260	\$40,920	Bachelor's degree	Less than 5 years	None
11-9032	Education Administrators, Elementary and Secondary School	1,304	1,523	219	16.8	1.6	35	66	22	123	\$114,990	\$112,750	Master's degree	5 years or more	None
11-9033	Education Administrators, Postsecondary	1,533	1,681	148	9.7	0.9	40	75	15	130	\$127,140		Master's degree	Less than 5 years	None
11-9039 11-9041	Education Administrators, All Other Architectural and Engineering Managers	1,146 1,648	1,237 1,616	91 -32	7.9 -1.9	0.8 -0.2	30 29	55 83	-3	94 109		\$118,270 \$157,710	Bachelor's degree Bachelor's degree	Less than 5 years 5 years or more	None None
11-9051	Food Service Managers	992	2,007	1,015	102.3	7.3	46	120	102	268	\$75,920	\$65,720	High school diploma or equivalent	Less than 5 years	None
11-9081	Lodging Managers	89	158	69	77.5	5.9	5	8	7	20	\$116,140		High school diploma or equivalent	Less than 5 years	None
11-9111	Medical and Health Services Managers	1,694	2,147	453	26.7	2.4	48	98	45	191	\$157,590	\$140,600	Bachelor's degree	Less than 5 years	None
11-9121 11-9141	Natural Sciences Managers Property, Real Estate, and Community Association Managers	1,473 2.893	1,499 2,970	26 77	1.8 2.7	0.2	29 111	73 111	3 8	105 230	\$142,560 \$90,210	\$145,540 \$75,110	Bachelor's degree High school diploma or equivalent	5 years or more Less than 5 years	None None
11-9151	Social and Community Service Managers	662	736	74	11.2	1.1	21	37	7	65	\$105,560	\$100,670	Bachelor's degree	Less than 5 years	None
11-9161	Emergency Management Directors	241	248	7	2.9	0.3	9	11	1	21	\$126,400	\$147,320	Bachelor's degree	5 years or more	None
11-9198	Personal Service Managers; Entertainment & Recreation Managers, Ex	28,068	27,927	-141	-0.5	-0.1	649	1,373	-14	2,008	\$155,020	\$149,620	Bachelor's degree	Less than 5 years	None
13-0000	Business and Financial Operations Occupations	130,862	139,950	9,088	6.9	0.7	3,517	7,608	909	12,034	\$103 290	\$99,000			
13-1000	Business Operations Specialists	106,438	114,116	7,678	7.2	0.7	2,909	6,184	768	9,861	N/A	N/A			
13-1020										9,001					
	Buyers and Purchasing Agents	3,274	2,924	-350	-10.7	-1.1	105	199	-35	269	\$105,020	\$104,290	Bachelor's degree	None	Moderate-term on-the-job training
13-1031	Claims Adjusters, Examiners, and Investigators	578	2,924 521	-350 -57	-10.7 -9.9	-1.0	105 13	199 29	-35 -6	269 36	\$105,020 \$89,830	\$104,290 \$89,220	High school diploma or equivalent	None	Long-term on-the-job training
13-1031 13-1041			2,924	-350	-10.7		105	199	-35	269	\$105,020	\$104,290 \$89,220 \$94,960	High school diploma or equivalent Bachelor's degree		
13-1031 13-1041 13-1051 13-1071	Claims Adjusters, Examiners, and Investigators Compliance Officers	578 4,719 386 8,427	2,924 521 4,869 397 8,729	-350 -57 150 11 302	-10.7 -9.9 3.2 2.9 3.6	-1.0 0.3 0.3 0.4	105 13 116 11 232	199 29 255 24 570	-35 -6 15 1	269 36 386 36 832	\$105,020 \$89,830 \$96,700 \$104,840 \$101,680	\$104,290 \$89,220 \$94,960 \$111,180 \$101,400	High school diploma or equivalent Bachelor's degree	None None	Long-term on-the-job training Moderate-term on-the-job training
13-1031 13-1041 13-1051 13-1071 13-1075	Claims Adjusters, Examiners, and Investigators Compliance Officers Cost Estimators Human Resources Specialists Labor Relations Specialists	578 4,719 386 8,427 245	2,924 521 4,869 397 8,729 233	-350 -57 150 11 302 -12	-10.7 -9.9 3.2 2.9 3.6 -4.9	-1.0 0.3 0.3 0.4 -0.5	105 13 116 11 232 6	199 29 255 24 570 16	-35 -6 15 1 30 -1	269 36 386 36 832 21	\$105,020 \$89,830 \$96,700 \$104,840 \$101,680 \$97,200	\$104,290 \$89,220 \$94,960 \$111,180 \$101,400 \$94,240	High school diploma or equivalent Bachelor's degree Bachelor's degree Bachelor's degree Bachelor's degree	None None None None Less than 5 years	Long-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training None None
13-1031 13-1041 13-1051 13-1071 13-1075 13-1081	Claims Adjusters, Examiners, and Investigators Compliance Officers Cost Estimators Human Resources Specialists Labor Relations Specialists Logisticians	578 4,719 386 8,427 245 1,251	2,924 521 4,869 397 8,729 233 1,463	-350 -57 150 11 302 -12 212	-10.7 -9.9 3.2 2.9 3.6 -4.9 17.0	-1.0 0.3 0.3 0.4 -0.5 1.6	105 13 116 11 232 6 28	199 29 255 24 570 16 88	-35 -6 15 1 30 -1 21	269 36 386 36 832 21 137	\$105,020 \$89,830 \$96,700 \$104,840 \$101,680 \$97,200 \$97,890	\$104,290 \$89,220 \$94,960 \$111,180 \$101,400 \$94,240 \$94,970	High school diploma or equivalent Bachelor's degree Bachelor's degree Bachelor's degree Bachelor's degree Bachelor's degree	None None None None Less than 5 years None	Long-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training None None None
13-1031 13-1041 13-1051 13-1071 13-1075	Claims Adjusters, Examiners, and Investigators Compliance Officers Cost Estimators Human Resources Specialists Labor Relations Specialists Logisticians Management Analysts	578 4,719 386 8,427 245 1,251 22,834	2,924 521 4,869 397 8,729 233	-350 -57 150 11 302 -12 212 3,839	-10.7 -9.9 3.2 2.9 3.6 -4.9 17.0 16.8	-1.0 0.3 0.3 0.4 -0.5 1.6	105 13 116 11 232 6 28 796	199 29 255 24 570 16 88 1,424	-35 -6 15 1 30 -1 21 384	269 36 386 36 832 21 137 2,604	\$105,020 \$89,830 \$96,700 \$104,840 \$101,680 \$97,200 \$97,890 \$110,850	\$104,290 \$89,220 \$94,960 \$111,180 \$101,400 \$94,240	High school diploma or equivalent Bachelor's degree Bachelor's degree Bachelor's degree Bachelor's degree Bachelor's degree Bachelor's degree Bachelor's degree	None None None None None None None Less than 5 years None Less than 5 years	Long-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training None None None None
13-1031 13-1041 13-1051 13-1071 13-1075 13-1081 13-1111 13-1121 13-1131	Claims Adjusters, Examiners, and Investigators Compliance Officers Cost Estimators Human Resources Specialists Labor Relations Specialists Logisticians Management Analysts Meeting, Convention, and Event Planners Fundraisers	578 4,719 386 8,427 245 1,251 22,834 2,086 2,628	2,924 521 4,869 397 8,729 233 1,463 26,673 2,519 3,048	-350 -57 150 11 302 -12 212 3,839 433 420	-10.7 -9.9 3.2 2.9 3.6 -4.9 17.0 16.8 20.8 16.0	-1.0 0.3 0.3 0.4 -0.5 1.6 1.9	105 13 116 11 232 6 28 796 69 88	199 29 255 24 570 16 88 1,424 169	-35 -6 15 1 30 -1 21 384 43 42	269 36 386 36 832 21 137 2,604 281 310	\$105,020 \$89,830 \$96,700 \$104,840 \$101,680 \$97,200 \$97,890 \$110,850 \$67,340 \$76,030	\$104,290 \$89,220 \$94,960 \$111,180 \$101,400 \$94,240 \$94,970 \$109,220 \$63,820 \$69,800	High school diploma or equivalent Bachelor's degree Bachelor's degree Bachelor's degree Bachelor's degree Bachelor's degree Bachelor's degree Bachelor's degree Bachelor's degree Bachelor's degree	None None None None None Less than 5 years None Less than 5 years None Less than 5 years None None	Long-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training None None None None None None None
13-1031 13-1041 13-1051 13-1075 13-1075 13-1081 13-1111 13-1121 13-1131	Claims Adjusters, Examiners, and Investigators Compliance Officers Cost Estimators Human Resources Specialists Labor Relations Specialists Labor Relations Specialists Logisticians Management Analysts Meeting, Convention, and Event Planners Fundraisers Compensation, Benefits, and Job Analysis Specialists	578 4,719 386 8,427 245 1,251 22,834 2,086 2,628 536	2,924 521 4,869 397 8,729 233 1,463 26,673 2,519 3,048 587	-350 -57 150 11 302 -12 212 3,839 433 420 51	-10.7 -9.9 3.2 2.9 3.6 -4.9 17.0 16.8 20.8 16.0 9.5	-1.0 0.3 0.3 0.4 -0.5 1.6 1.9 1.5 0.9	105 13 116 11 232 6 28 796 69 88 17	199 29 255 24 570 16 88 1,424 169 180 33	-35 -6 15 1 30 -1 21 384 43 42 5	269 36 386 386 832 21 137 2,604 281 310 55	\$105,020 \$89,830 \$96,700 \$104,840 \$101,680 \$97,200 \$97,890 \$110,850 \$67,340 \$76,030	\$104,290 \$89,220 \$94,960 \$111,180 \$101,400 \$94,240 \$94,970 \$109,220 \$63,820 \$69,800 \$78,290	High school diploma or equivalent Bachelor's degree	None None None None Less than 5 years	Long-term on-the-job training Moderate-term on-the-job training None None None None None None None None
13-1031 13-1041 13-1051 13-1071 13-1075 13-1081 13-1111 13-1121 13-1131 13-1141 13-1151	Claims Adjusters, Examiners, and Investigators Compliance Officers Cost Estimators Human Resources Specialists Labor Relations Specialists Logisticians Management Analysts Meeting, Convention, and Event Planners Fundraisers Compensation, Benefits, and Job Analysis Specialists Training and Development Specialists	578 4,719 386 8,427 245 1,251 22,834 2,086 2,628 536 1,640	2,924 521 4,869 397 8,729 233 1,463 26,673 2,519 3,048 587	-350 -57 150 11 302 -12 212 3,839 433 420 51 304	-10.7 -9.9 3.2 2.9 3.6 -4.9 17.0 16.8 20.8 16.0 9.5 18.5	-1.0 0.3 0.3 0.4 -0.5 1.6 1.9 1.5 0.9 1.7	105 13 116 11 232 6 28 796 69 88 17	199 29 255 24 570 16 88 1,424 169 180 33	-35 -6 15 1 30 -1 21 384 43 42 5	269 36 386 36 832 21 137 2,604 281 310 55 194	\$105,020 \$89,830 \$96,700 \$104,840 \$101,680 \$97,200 \$97,890 \$110,850 \$67,340 \$76,030 \$82,550	\$104,290 \$89,220 \$94,960 \$111,180 \$101,400 \$94,240 \$94,970 \$109,220 \$63,820 \$78,290 \$77,820	High school diploma or equivalent Bachelor's degree Bachelor's degree	None None None None None None Less than 5 years Less than 5 years	Long-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training None None None None None None None None
13-1031 13-1041 13-1051 13-1075 13-1075 13-1081 13-1111 13-1121 13-1131 13-1141	Claims Adjusters, Examiners, and Investigators Compliance Officers Cost Estimators Human Resources Specialists Labor Relations Specialists Logisticians Management Analysts Meeting, Convention, and Event Planners Fundraisers Compensation, Benefits, and Job Analysis Specialists Training and Development Specialists Market Research Analysts and Marketing Specialists	578 4,719 386 8,427 245 1,251 22,834 2,086 2,628 536	2,924 521 4,869 397 8,729 233 1,463 26,673 2,519 3,048 587	-350 -57 150 11 302 -12 212 3,839 433 420 51	-10.7 -9.9 3.2 2.9 3.6 -4.9 17.0 16.8 20.8 16.0 9.5	-1.0 0.3 0.3 0.4 -0.5 1.6 1.9 1.5 0.9	105 13 116 11 232 6 28 796 69 88 17	199 29 255 24 570 16 88 1,424 169 180 33	-35 -6 15 1 30 -1 21 384 43 42 5	269 36 386 386 832 21 137 2,604 281 310 55	\$105,020 \$89,830 \$96,700 \$104,840 \$101,680 \$97,200 \$97,890 \$110,850 \$67,340 \$76,030 \$82,550 \$81,570	\$104,290 \$89,220 \$94,960 \$111,180 \$101,400 \$94,240 \$94,970 \$109,220 \$63,820 \$69,800 \$78,290	High school diploma or equivalent Bachelor's degree	None None None None Less than 5 years	Long-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training None None None None None None None None
13-1031 13-1041 13-1051 13-1075 13-1071 13-1075 13-1081 13-1111 13-1121 13-1131 13-1141 13-1151 13-1161 13-1198	Claims Adjusters, Examiners, and Investigators Compliance Officers Cost Estimators Human Resources Specialists Labor Relations Specialists Logisticians Management Analysts Meeting, Convention, and Event Planners Fundraisers Compensation, Benefits, and Job Analysis Specialists Training and Development Specialists Market Research Analysts and Marketing Specialists Project Management Specialists and Business Operations Specialists, A Financial Specialists	578 4,719 386 8,427 245 1,251 22,834 2,086 2,628 536 1,640 7,164 50,650 24,424	2,924 521 4,869 397 8,729 233 1,463 26,673 2,519 3,048 8,810 51,362 25,834	-350 -57 150 11 302 -12 212 3,839 433 420 51 304 1,646 712 1,410	-10.7 -9.9 3.2 2.9 3.6 -4.9 17.0 16.8 20.8 16.0 9.5 18.5 23.0 1.4 5.8	-1.0 0.3 0.3 0.4 -0.5 1.6 1.9 1.5 0.9 1.7 2.1 0.1	105 13 116 11 232 6 28 796 69 88 17 54 189 1,183	199 29 255 24 570 16 88 1,424 169 180 33 110 584 2,501 1,425	-35 -6 15 1 30 -1 21 384 43 42 5 30 165 71	269 36 386 36 832 21 137 2,604 281 310 55 194 938 3,755 2,174	\$105,020 \$89,830 \$96,700 \$104,840 \$101,680 \$97,200 \$97,890 \$110,850 \$67,340 \$76,030 \$82,550 \$81,570 N/A	\$104,290 \$89,220 \$94,960 \$111,180 \$101,400 \$94,240 \$94,240 \$94,970 \$109,220 \$63,820 \$78,290 \$77,820 \$78,00 \$100,160	High school diploma or equivalent Bachelor's degree	None None None None None None None Less than 5 years None Less than 5 years None Less than 5 years None None None None None None None None	Long-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training None None None None None None None None
13-1031 13-1041 13-1051 13-1075 13-1075 13-1081 13-1111 13-1121 13-1131 13-1141 13-1151 13-1161 13-1198 13-2000	Claims Adjusters, Examiners, and Investigators Compliance Officers Cost Estimators Human Resources Specialists Labor Relations Specialists Labor Relations Specialists Logisticians Management Analysts Meeting, Convention, and Event Planners Fundraisers Compensation, Benefits, and Job Analysis Specialists Training and Development Specialists Training and Development Specialists Market Research Analysts and Marketing Specialists Project Management Specialists and Business Operations Specialists, A Financial Specialists Accountants and Auditors	578 4,719 386 8,427 245 1,251 22,834 2,086 2,628 536 1,640 7,164 50,650 24,424 11,181	2,924 521 4,869 397 8,729 233 1,463 26,673 2,519 3,048 587 1,944 8,810 51,362 51,362 11,967	-350 -57 11 302 -12 212 3,839 433 420 51 304 1,646 712 1,410 786	-10.7 -9.9 3.2 2.9 3.6 -4.9 17.0 16.8 20.8 16.0 9.5 18.5 23.0 14.5 23.0 15.8 7.0	-1.0 0.3 0.3 0.4 -0.5 1.6 1.9 1.5 0.9 1.7 2.1 0.1 0.6	105 13 116 11 232 6 28 796 69 88 17 54 189 1,183 608 323	199 29 255 24 570 16 88 1,424 169 180 33 110 584 2,501 1,425 686	-35 -6 15 1 30 -1 21 384 43 42 5 30 165 71	269 36 386 36 832 21 137 2,604 281 310 55 194 938 3,755 1,088	\$105,020 \$89,830 \$96,700 \$104,840 \$104,840 \$97,200 \$97,890 \$110,850 \$67,340 \$76,340 \$82,550 \$81,570 \$84,340 \$10,5730 \$110,140	\$104,290 \$89,220 \$94,960 \$111,180 \$111,180 \$94,240 \$94,970 \$109,220 \$63,820 \$78,290 \$77,820 \$78,070 \$100,160 \$103,410	High school diploma or equivalent Bachelor's degree Bachelor's degree	None None None None None Less than 5 years None None Less than 5 years None None None None None None	Long-term on-the-job training Moderate-term on-the-job training None None None None None None None None
13-1031 13-1041 13-1051 13-1075 13-1075 13-1081 13-1111 13-1121 13-1131 13-1141 13-1151 13-1161 13-1198 13-2000 13-2011	Claims Adjusters, Examiners, and Investigators Compliance Officers Cost Estimators Human Resources Specialists Labor Relations Specialists Logisticians Management Analysts Meeting, Convention, and Event Planners Fundraisers Compensation, Benefits, and Job Analysis Specialists Training and Development Specialists Market Research Analysts and Marketing Specialists Project Management Specialists and Business Operations Specialists, A Financial Specialists Accountants and Auditors Property Appraisers and Assessors	578 4,719 386 8,427 245 1,251 22,834 2,086 2,628 536 1,640 7,164 50,650 24,424 11,181 223	2,924 521 4,869 397 8,729 233 1,463 2,519 3,048 587 1,944 8,810 51,362 25,834 11,967	-350 -57 150 11 302 -12 212 3,839 433 420 51 304 1,646 712 1,410 786	-10.7 -9.9 3.2 2.9 3.6 -4.9 17.0 16.8 20.8 16.0 9.5 18.5 23.0 1.4 5.8 7.0 3.6	-1.0 0.3 0.3 0.4 -0.5 1.6 1.9 1.7 2.1 0.1 0.6 0.7	105 13 116 11 11 232 6 28 796 69 88 88 17 54 189 1,183 608	199 29 255 24 570 16 88 1,424 169 180 33 110 584 2,501 1,425 686 8	-35 -6 15 1 30 -1 21 384 43 42 5 30 165 71 141 79	269 36 386 36 36 32 21 137 2,604 281 310 55 194 938 3,755 2,174 1,088	\$105,020 \$89,830 \$104,840 \$101,680 \$97,200 \$97,800 \$110,850 \$110,850 \$110,850 \$110,850 \$110,850 \$110,850 \$110,850 \$110,850 \$110,850 \$110,140 \$105,730 \$105,730 \$105,730 \$110,140	\$104,290 \$89,220 \$91,11,180 \$111,180 \$101,400 \$94,240 \$94,9720 \$63,820 \$63,820 \$77,820 \$78,070 \$100,160 N/A \$103,410 \$103,410 \$103,410 \$103,410 \$103,410	High school diploma or equivalent Bachelor's degree	None None None None None None None Less than 5 years None Less than 5 years None None None None None None None None	Long-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training None None None None None None None None
13-1031 13-1041 13-1051 13-1071 13-1075 13-1081 13-1111 13-1121 13-1131 13-1141 13-1151 13-1161 13-1198 13-2000	Claims Adjusters, Examiners, and Investigators Compliance Officers Cost Estimators Human Resources Specialists Labor Relations Specialists Labor Relations Specialists Logisticians Management Analysts Meeting, Convention, and Event Planners Fundraisers Compensation, Benefits, and Job Analysis Specialists Training and Development Specialists Training and Development Specialists Market Research Analysts and Marketing Specialists Project Management Specialists and Business Operations Specialists, A Financial Specialists Accountants and Auditors	578 4,719 386 8,427 245 1,251 22,834 2,086 2,628 536 1,640 7,164 50,650 24,424 11,181	2,924 521 4,869 397 8,729 233 1,463 26,673 2,519 3,048 587 1,944 8,810 51,362 51,362 11,967	-350 -57 11 302 -12 212 3,839 433 420 51 304 1,646 712 1,410 786	-10.7 -9.9 3.2 2.9 3.6 -4.9 17.0 16.8 20.8 16.0 9.5 18.5 23.0 14.5 23.0 15.8 7.0	-1.0 0.3 0.3 0.4 -0.5 1.6 1.9 1.5 0.9 1.7 2.1 0.1 0.6	105 13 116 11 232 6 28 796 69 88 17 54 189 1,183 608 323	199 29 255 24 570 16 88 1,424 169 180 33 110 584 2,501 1,425 686	-35 -6 15 1 30 -1 21 384 43 42 5 30 165 71	269 36 386 36 832 21 137 2,604 281 310 55 194 938 3,755 1,088	\$105,020 \$89,830 \$96,700 \$104,840 \$104,840 \$97,200 \$97,890 \$110,850 \$67,340 \$76,340 \$82,550 \$81,570 \$84,340 \$10,5730 \$110,140	\$104,290 \$89,220 \$94,960 \$111,180 \$111,180 \$94,240 \$94,970 \$109,220 \$63,820 \$78,290 \$77,820 \$78,070 \$100,160 \$103,410	High school diploma or equivalent Bachelor's degree Bachelor's degree	None None None None None Less than 5 years None None Less than 5 years None None None None None None	Long-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training None None None None None None None None
13-1031 13-1041 13-1051 13-1075 13-1075 13-1081 13-1111 13-1121 13-1131 13-1141 13-1151 13-1161 13-1200 13-2001 13-2011 13-2020 13-2031 13-2041 13-2052	Claims Adjusters, Examiners, and Investigators Compliance Officers Cost Estimators Human Resources Specialists Labor Relations Specialists Logisticians Management Analysts Meeting, Convention, and Event Planners Fundraisers Compensation, Benefits, and Job Analysis Specialists Training and Development Specialists Market Research Analysts and Marketing Specialists Project Management Specialists and Business Operations Specialists, A Financial Specialists Accountants and Auditors Property Appraisers and Assessors Budget Analysts Credit Analysts Personal Financial Advisors	578 4,719 386 8,427 245 1,251 22,834 2,086 2,628 536 1,640 7,164 50,650 24,424 11,181 223 2,283 2,77 734	2,924 4,869 397 8,729 233 1,463 26,673 2,519 3,048 587 1,944 8,810 51,362 25,834 11,967 231 2,318 258	-350 -57 150 11 302 -12 212 212 3,839 433 420 51 304 1,646 712 1,410 786 8 35 -19 77	-10.7 -9.9 3.2 2.9 3.6 -4.9 17.0 16.8 20.8 16.0 9.5 18.5 23.0 1.4 5.8 7.0 3.6 1.5 -4.9 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7	-1.0 0.3 0.3 0.4 -0.5 1.6 1.9 1.5 0.9 1.7 2.1 0.1 0.6 0.7 0.4 0.2 -0.7	105 13 116 11 232 6 28 796 69 88 17 54 189 1,183 608 323 9 55 4	199 29 255 24 570 688 1,424 169 180 33 110 584 2,501 1,425 686 8 120	-35 -6 15 1 30 -1 21 384 43 42 5 30 165 71 141 79 1 4 -2 8	269 36 386 36 832 21 137 2,604 281 310 55 194 938 3,755 2,174 1,088 18 179 20	\$105,020 \$89,830 \$96,700 \$104,840 \$101,680 \$97,200 \$110,850 \$110,850 \$67,340 \$76,030 \$82,550 \$81,570 \$84,340 \$110,140 \$110,40	\$104,290 \$89,220 \$94,960 \$111,180 \$101,400 \$94,240 \$94,240 \$109,220 \$63,820 \$78,290 \$77,820 \$78,070 \$100,160 N/A \$102,320 \$106,090 \$103,410 \$103,410 \$103,410 \$103,91	High school diploma or equivalent Bachelor's degree	None None None None None None Less than 5 years None Less than 5 years None None None None None None None None	Long-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training None None None None None None None None
13-1031 13-1041 13-1051 13-1075 13-1075 13-1081 13-1111 13-1121 13-1131 13-1141 13-1161 13-1161 13-2011 13-2011 13-2031 13-2031 13-2041 13-2052	Claims Adjusters, Examiners, and Investigators Compliance Officers Cost Estimators Human Resources Specialists Labor Relations Specialists Logisticians Management Analysts Meeting, Convention, and Event Planners Fundraisers Compensation, Benefits, and Job Analysis Specialists Training and Development Specialists Market Research Analysts and Marketing Specialists Market Research Analysts and Marketing Specialists Project Management Specialists and Business Operations Specialists, A Financial Specialists Accountants and Auditors Property Appraisers and Assessors Budget Analysts Credit Analysts Personal Financial Advisors Insurance Underwriters	578 4,719 386 8,427 245 1,251 2,834 2,086 2,628 1,640 7,164 50,650 24,424 11,181 223 2,283 2,77 734	2,924 4,869 397 8,729 233 1,463 26,673 2,519 3,048 587 1,944 8,810 51,362 25,834 11,967 231 2,318 258 811	-350 -57 150 11 302 -12 212 212 212 3,839 433 420 51 3,04 1,646 712 1,410 786 8 35 -19 77	-10.7 -9.9 3.2 2.9 3.6 -4.9 17.0 16.8 20.8 16.0 9.5 18.5 23.0 1.4 5.8 7.0 3.6 -4.9 9.5 1.4 5.8 7.0 1.5 -6.9 -6.9 -7.0	-1.0 0.3 0.4 -0.5 1.6 1.9 1.5 0.9 1.7 2.1 0.1 0.6 0.7 0.4 0.2 -0.7 1.0 -0.5	105 13 116 111 232 6 28 796 69 88 17 54 11,183 608 323 9 55 4	199 29 255 24 570 16 88 1,424 169 180 33 110 584 2,501 1,425 686 8 120 18 38	-35 -6 15 1 30 -1 21 384 43 42 5 30 165 71 141 79 1 4 -2 8 8 0	269 36 36 36 36 832 21 137 2,604 281 310 55 194 938 3,755 1,744 1,088 18 179 20 64	\$105,020 \$89,830 \$104,840 \$101,680 \$97,200 \$110,850 \$110,	\$104,290 \$89,220 \$111,180 \$111,180 \$101,400 \$94,240 \$94,240 \$109,220 \$63,820 \$78,290 \$77,820 \$100,160 \$100,160 \$103,410 \$103,410 \$103,450 \$103,150 \$108,830	High school diploma or equivalent bachelor's degree Bachelor's degree	None None None None None None Less than 5 years None Less than 5 years None Less than 5 years None None None None None None None None	Long-term on-the-job training Moderate-term on-the-job training None None None None None None None None
13-1031 13-1041 13-1051 13-1075 13-1075 13-1081 13-1111 13-1131 13-1141 13-1151 13-1151 13-1198 13-2000 13-2011 13-2031 13-2041 13-2053 13-2053	Claims Adjusters, Examiners, and Investigators Compliance Officers Cost Estimators Human Resources Specialists Labor Relations Specialists Logisticians Management Analysts Meeting, Convention, and Event Planners Fundraisers Compensation, Benefits, and Job Analysis Specialists Training and Development Specialists Training and Development Specialists Market Research Analysts and Marketing Specialists Project Management Specialists and Business Operations Specialists, A Financial Specialists Accountants and Auditors Property Appraisers and Assessors Budget Analysts Credit Analysts Personal Financial Advisors Insurance Underwriters Financial Examiners	578 4,719 386 8,427 245 1,251 22,834 2,086 2,628 536 1,640 7,164 50,650 24,424 11,181 223 2,283 2,77 734 116 718	2,924 4,869 397 8,729 233 1,463 26,673 2,519 3,048 587 1,944 11,967 231 2,318 2,588 811 1,146 258 811 1,146 258	-350 -57 150 111 302 -12 212 213 3,839 433 420 51 304 1,646 712 1,410 786 8 35 -19 77 -2 13	-10.7 -9.9 3.2 2.9 3.6 -4.9 17.0 16.8 20.8 16.0 9.5 18.5 23.0 1.4 5.8 7.0 3.6 1.5 -6.9 10.5 -1.7 1.8	-1.0 0.3 0.3 0.4 -0.5 1.6 1.9 1.5 0.9 1.7 2.1 0.1 0.6 0.7 0.4 0.2 -0.7	105 13 116 111 232 6 28 796 69 88 17 54 189 608 323 9 55 4 18 2	199 29 255 24 570 688 1,424 169 180 33 110 584 2,501 1,425 686 8 120	-35 -6 15 15 11 30 -1 21 384 43 42 5 30 165 71 141 79 1 4 -2 8 0 11	269 36 36 386 36 832 21 137 2,6604 281 310 55 194 938 3,755 2,174 1,088 18 179 20 64 8 8	\$105,020 \$89,830 \$96,700 \$104,840 \$101,680 \$97,200 \$97,890 \$110,850 \$67,340 \$76,030 \$82,550 \$81,570 \$84,340 \$105,730 \$110,140 \$99,420 \$104,380 \$107,030 \$142,380 \$192,560 \$162,480 \$162,480 \$162,480 \$162,480 \$162,480 \$162,480	\$104,290 \$89,220 \$94,960 \$111,180 \$101,400 \$94,240 \$94,240 \$94,970 \$109,220 \$63,820 \$63,820 \$78,070 \$100,160 \$17,820 \$103,410 \$102,320 \$103,410 \$103,410 \$103,410 \$103,810 \$103,910 \$103,910 \$104,930 \$104,940 \$105,940 \$10	High school diploma or equivalent Bachelor's degree	None None None None None None Less than 5 years None Less than 5 years None None None None None None None None	Long-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training None None None None None None None None
13-1031 13-1041 13-1051 13-1075 13-1075 13-1081 13-1111 13-1121 13-1131 13-1141 13-1161 13-1161 13-2011 13-2011 13-2031 13-2031 13-2041 13-2052	Claims Adjusters, Examiners, and Investigators Compliance Officers Cost Estimators Human Resources Specialists Labor Relations Specialists Logisticians Management Analysts Meeting, Convention, and Event Planners Fundraisers Compensation, Benefits, and Job Analysis Specialists Training and Development Specialists Training and Development Specialists Market Research Analysts and Marketing Specialists Project Management Specialists and Business Operations Specialists, A Financial Specialists Accountants and Auditors Property Appraisers and Assessors Budget Analysts Credit Analysts Personal Financial Advisors Insurance Underwriters Financial Examiners Credit Counselors Credit Counselors	578 4,719 386 8,427 245 1,251 2,834 2,086 2,628 1,640 7,164 50,650 24,424 11,181 223 2,283 2,77 734	2,924 4,869 397 8,729 233 1,463 26,673 2,519 3,048 587 1,944 8,810 51,362 25,834 11,967 231 2,318 258 811	-350 -57 150 11 302 -12 212 212 212 3,839 433 420 51 3,04 1,646 712 1,410 786 8 35 -19 77	-10.7 -9.9 3.2 2.9 3.6 -4.9 17.0 16.8 20.8 16.0 9.5 18.5 23.0 1.4 5.8 7.0 3.6 -4.9 9.5 1.4 5.8 7.0 1.5 -6.9 -6.9 -7.0	-1.0 0.3 0.4 -0.5 1.6 1.9 1.5 0.9 1.7 2.1 0.1 0.6 0.7 0.4 0.2 -0.7 1.0 -0.5	105 13 116 111 232 6 28 796 69 88 17 54 11,183 608 323 9 55 4	199 29 255 24 570 16 88 1,429 180 33 110 584 2,501 1,425 686 8 120 18 38 66 63 4	-35 -6 15 11 30 -1 21 384 43 42 5 30 165 71 141 79 1 4 -2 8 0 11 2 -1	269 36 36 36 36 832 21 137 2,604 281 310 55 194 938 3,755 1,744 1,088 18 179 20 64	\$105,020 \$89,830 \$104,840 \$101,680 \$97,200 \$110,850 \$110,	\$104,290 \$89,220 \$111,180 \$111,180 \$101,400 \$94,240 \$94,240 \$109,220 \$63,820 \$78,290 \$77,820 \$100,160 \$100,160 \$103,410 \$103,410 \$103,450 \$103,150 \$108,830	High school diploma or equivalent bachelor's degree Bachelor's degree	None None None None None None Less than 5 years None Less than 5 years None None None None None None None None	Long-term on-the-job training Moderate-term on-the-job training None None None None None None None None
13-1031 13-1041 13-1051 13-1075 13-1075 13-1081 13-1111 13-1121 13-1131 13-1141 13-1151 13-1161 13-1200 13-2001 13-2031 13-2052 13-2053 13-2053 13-2051 13-2072	Claims Adjusters, Examiners, and Investigators  Compliance Officers  Cost Estimators  Human Resources Specialists  Labor Relations Specialists  Logisticians  Management Analysts  Meeting, Convention, and Event Planners  Fundraisers  Compensation, Benefits, and Job Analysis Specialists  Training and Development Specialists  Market Research Analysts and Marketing Specialists  Project Management Specialists and Business Operations Specialists, A Financial Specialists  Accountants and Auditors  Property Appraisers and Assessors  Budget Analysts  Credit Analysts  Personal Financial Advisors  Insurance Underwriters  Financial Examiners  Credit Counselors  Logistics  Credit Counselors  Logistics  Tax Examiners and Revenue Agents	578 4,719 386 8,427 245 1,251 22,834 2,086 2,628 1,640 7,164 50,660 24,424 11,181 223 2,283 2,777 734 116 718 129 462 383	2,924 4,869 397 8,729 233 1,463 26,673 2,519 3,048 587 1,944 8,810 51,362 25,834 11,967 231 2,318 258 811 144 453 399	-350 -57 150 11 302 -12 212 3,839 433 420 51 1,646 712 1,410 786 8 35 -19 77 -2 13	-10.7 -9.9 3.2 2.9 3.6 -4.9 17.0 16.8 20.8 16.0 9.5 1.4.5 5.8 7.0 3.6 1.5 -6.9 10.5 -1.7 1.8 11.6 -2.0	-1.0 0.3 0.3 0.4 -0.5 1.6 1.9 1.7 2.1 0.1 0.6 0.7 0.4 0.2 -0.7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	105 13 116 111 232 6 6 28 796 69 88 17 54 189 1,183 608 323 9 55 4 18 19 10 10 10 10 10 10 10 10 10 10 10 10 10	199 29 29 255 24 570 16 88 1,424 169 180 33 110 584 2,501 1,425 686 8 120 18 38 6 34 7	-35 -6 15 11 30 -1 21 384 43 42 5 30 165 71 1441 79 1 4 -2 8 0 1 1 2 1 1 2	269 36 36 36 37 38 38 37 21 137 2,604 281 310 55 194 938 3,755 2,174 1,088 18 179 20 64 8 54 12 34	\$105,020 \$89,830 \$96,700 \$104,840 \$101,680 \$97,200 \$97,890 \$110,885 \$67,340 \$76,030 \$82,550 \$81,570 \$84,340 \$105,730 \$10	\$104,290 \$89,220 \$94,960 \$111,180 \$101,400 \$111,180 \$94,240 \$94,240 \$109,220 \$63,820 \$78,290 \$77,820 \$78,290 \$77,820 \$100,160 \$100,160 \$102,320 \$103,410 \$10	High school diploma or equivalent Bachelor's degree	None None None None None None None Less than 5 years None None None None None None None None	Long-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training None None None None None None None None
13-1031 13-1041 13-1051 13-1075 13-1075 13-1081 13-1111 13-1121 13-1131 13-1141 13-1151 13-1198 13-2000 13-2021 13-2031 13-2052 13-2053 13-2051 13-2052 13-2053 13-2071 13-2072	Claims Adjusters, Examiners, and Investigators Compliance Officers Cost Estimators Human Resources Specialists Labor Relations Specialists Logisticians Management Analysts Meeting, Convention, and Event Planners Fundraisers Compensation, Benefits, and Job Analysis Specialists Training and Development Specialists Training and Development Specialists Training and Development Specialists Market Research Analysts and Marketing Specialists Project Management Specialists and Business Operations Specialists Accountants and Auditors Property Appraisers and Assessors Budget Analysts Credit Analysts Credit Analysts Personal Financial Advisors Insurance Underwriters Financial Examiners Credit Conselors Loan Officers Tax Examiners and Collectors, and Revenue Agents Tax Preparers	578 4,719 386 8,427 245 1,251 2,834 2,086 2,628 1,640 7,164 50,650 24,424 11,181 223 2,277 734 116 718 129 462 383	2,924 4,869 397 8,729 233 1,463 26,673 2,519 3,048 587 1,944 8,810 51,362 25,834 11,967 231 2,318 2,58 811 114 731 443 3,99 187	-350 -57 150 11 302 -12 212 212 212 3,839 433 420 51 1,646 712 1,440 786 8 8 35 -19 77 -2 13 15 15 16 16 16 16 16 16 16 16 16 16 16 16 16	-10.7 -9.9 3.2 2.9 3.6 -4.9 17.0 16.0 9.5 18.5 23.0 1.4 5.8 7.0 3.6 1.5 -6.9 10.5 -1.7 1.8 -2.0 4.2	-1.0 0.3 0.3 0.4 -0.5 1.6 1.6 1.9 1.7 2.1 0.1 0.6 0.7 0.4 0.2 -0.7 1.0 -0.2 1.1 -0.2 0.4 -0.5 0.9 1.7 0.9 1.7 0.1 0.6 0.7 0.7 0.4 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	105 13 116 111 232 6 6 88 796 69 88 17 54 189 9 55 4 1183 9 55 4 1183 9 55 4 1183 1183 1183 1183 1183 1183 1183 11	199 29 295 24 55 24 16 88 1,424 169 180 33 110 584 2,501 1,425 686 8 120 18 38 6 34 7 25 17	-35 -6 15 1 13 30 -1 21 38 43 42 5 30 165 71 141 79 1 4 -2 8 0 1 1 1 1 1 1 1 1 1 1 1 1 1	269 269 36 36 36 36 832 21 137 2,604 281 310 55 194 938 3,755 2,174 1,088 18 179 20 64 8 54 112 34 34	\$105,020 \$89,830 \$96,700 \$104,840 \$101,840 \$97,200 \$97,890 \$110,880 \$97,200 \$97,890 \$110,880 \$87,340 \$76,030 \$82,550 \$110,850 \$110,140 \$99,420 \$104,330 \$104	\$104,290 \$89,220 \$94,960 \$111,180 \$101,400 \$94,240 \$94,970 \$109,220 \$63,820 \$77,520 \$77,520 \$78,290 \$77,520 \$78,070 \$100,160 \$102,320 \$103,410 \$102,320 \$103,410 \$105,320 \$105	High school diploma or equivalent bachelor's degree Bachelor's degree	None None None None None None Less than 5 years None None Less than 5 years None None None None None None None None	Long-term on-the-job training Moderate-term on-the-job training None None None None None None None None
13-1031 13-1041 13-1051 13-1075 13-1075 13-1081 13-1111 13-1121 13-1131 13-1141 13-1151 13-1161 13-1200 13-2001 13-2031 13-2052 13-2053 13-2053 13-2051 13-2072	Claims Adjusters, Examiners, and Investigators  Compliance Officers  Cost Estimators  Human Resources Specialists  Labor Relations Specialists  Logisticians  Management Analysts  Meeting, Convention, and Event Planners  Fundraisers  Compensation, Benefits, and Job Analysis Specialists  Training and Development Specialists  Market Research Analysts and Marketing Specialists  Project Management Specialists and Business Operations Specialists, A Financial Specialists  Accountants and Auditors  Property Appraisers and Assessors  Budget Analysts  Credit Analysts  Personal Financial Advisors  Insurance Underwriters  Financial Examiners  Credit Counselors  Logistics  Credit Counselors  Logistics  Tax Examiners and Revenue Agents	578 4,719 386 8,427 245 1,251 22,834 2,086 2,628 1,640 7,164 50,660 24,424 11,181 223 2,283 2,777 734 116 718 129 462 383	2,924 4,869 397 8,729 233 1,463 26,673 2,519 3,048 587 1,944 8,810 51,362 25,834 11,967 231 2,318 258 811 144 453 399	-350 -57 150 11 302 -12 212 3,839 433 420 51 1,646 712 1,410 786 8 35 -19 77 -2 13	-10.7 -9.9 3.2 2.9 3.6 -4.9 17.0 16.8 20.8 16.0 9.5 1.4.5 5.8 7.0 3.6 1.5 -6.9 10.5 -1.7 1.8 11.6 -2.0	-1.0 0.3 0.3 0.4 -0.5 1.6 1.9 1.7 2.1 0.1 0.6 0.7 0.4 0.2 -0.7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	105 13 116 111 232 6 6 28 796 69 88 17 54 189 1,183 608 323 9 55 4 18 19 10 10 10 10 10 10 10 10 10 10 10 10 10	199 29 29 255 24 570 16 88 1,424 169 180 33 110 584 2,501 1,425 686 8 120 18 38 6 34 7	-35 -6 15 11 30 -1 21 384 43 42 5 30 165 71 1441 79 1 4 -2 8 0 1 1 2 1 1 2	269 36 36 36 37 38 38 37 21 137 2,604 281 310 55 194 938 3,755 2,174 1,088 18 179 20 64 8 54 12 34	\$105,020 \$89,830 \$96,700 \$104,840 \$101,680 \$97,200 \$97,890 \$110,885 \$67,340 \$76,030 \$82,550 \$81,570 \$84,340 \$105,730 \$10	\$104,290 \$89,220 \$94,960 \$111,180 \$101,400 \$111,180 \$94,240 \$94,240 \$109,220 \$63,820 \$78,290 \$77,820 \$78,290 \$77,820 \$100,160 \$100,160 \$102,320 \$103,410 \$10	High school diploma or equivalent Bachelor's degree	None None None None None None None Less than 5 years None None None None None None None None	Long-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training None None None None None None None None
13-1031 13-1041 13-1051 13-1075 13-1075 13-1081 13-1111 13-1121 13-1131 13-1141 13-1151 13-1161 13-2000 13-2031 13-2041 13-2053 13-205	Claims Adjusters, Examiners, and Investigators Compliance Officers Cost Estimators Human Resources Specialists Labor Relations Specialists Logisticians Management Analysts Meeting, Convention, and Event Planners Fundraisers Compensation, Benefits, and Job Analysis Specialists Training and Development Specialists Market Research Analysts and Marketing Specialists Market Research Analysts and Marketing Specialists Project Management Specialists and Business Operations Specialists, A Financial Specialists Accountants and Auditors Property Appraisers and Assessors Budget Analysts Credit Analysts Personal Financial Advisors Insurance Underwriters Financial Examiners Credit Counselors Lond Officers Tax Examiners and Collectors, and Revenue Agents Tax Preparers Financial and Investment Analysts, Financial Risk Specialists, and Financial and Investment Analysts, Financial Risk Specialists, and Financial and Investment Analysts, Financial Risk Specialists, and Financiputer and Mathematical Occupations	578 4,719 386 8,427 245 1,251 22,834 2,086 2,628 1,640 7,164 50,650 24,424 11,181 223 2,283 2,283 2,77 734 116 718 129 462 383 179 7,739	2,924 4,869 397 8,729 233 1,463 26,673 2,519 3,048 587 1,944 8,810 51,362 25,834 11,967 231 2,318 258 811 114 731 144 453 399 187 8,221	-350 -57 150 11 302 -12 212 212 213 3839 433 420 51 304 1,646 712 1,410 786 8 35 -19 77 -2 13 15 -9 16 8 8	-10.7 -9.9 3.2 2.9 3.6 -4.9 17.0 16.8 20.8 16.8 20.8 16.0 9.5 18.5 23.0 1.4 5.8 7.0 3.6 1.5 -6.9 10.5 -1.7 1.8 11.6 -2.0 4.2 4.2 4.5 6.2	-1.0 0.3 0.3 0.4 -0.5 1.6 1.6 1.9 1.7 2.1 0.1 0.1 0.1 0.1 0.2 0.2 0.2 1.1 -0.2 0.2 1.1 -0.2 0.4 0.6	105 13 116 111 232 6 6 9 88 17 54 189 1,183 608 323 9 55 4 18 19 3 10 11 15 10 140	199 29 295 24 16 88 1,424 169 180 33 110 584 2,501 1,425 686 8 120 18 38 6 34 7 7 7 10 456	-35 -6 -6 -15 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	269 36 36 36 37 38 38 32 21 137 2,604 281 310 55 194 938 3,755 2,174 1,088 18 179 20 64 8 54 112 34 34 34 4,565	\$105,020 \$89,830 \$96,700 \$104,840 \$101,686 \$97,200 \$97,690 \$110,880 \$67,340 \$76,030 \$87,340 \$76,030 \$81,570 \$81,570 \$81,570 \$81,570 \$81,570 \$81,570 \$81,030 \$102,300 \$102,300 \$103,700 \$104,330 \$104,330 \$104,330 \$105,730	\$104,290 \$89,220 \$94,960 \$111,180 \$101,400 \$94,240 \$94,970 \$109,220 \$63,820 \$77,820 \$77,7820 \$78,070 \$103,410 \$	High school diploma or equivalent bachelor's degree Bachelor's degree	None None None None None None None Less than 5 years None None None None None None None None	Long-term on-the-job training Moderate-term on-the-job training None None None None None None None None
13-1031 13-1041 13-1051 13-1051 13-1075 13-1081 13-1111 13-1121 13-1131 13-1141 13-1151 13-1161 13-1198 13-2000 13-2031 13-2041 13-2052 13-2053 13-2053 13-2061 13-2072 13-2081 13-2081 13-2098	Claims Adjusters, Examiners, and Investigators Compliance Officers Cost Estimators Human Resources Specialists Labor Relations Specialists Logisticians Management Analysts Meeting, Convention, and Event Planners Fundraisers Compensation, Benefits, and Job Analysis Specialists Training and Development Specialists Market Research Analysts and Marketing Specialists Project Management Specialists and Business Operations Specialists, A Financial Specialists Accountants and Auditors Property Appraisers and Assessors Budget Analysts Personal Financial Advisors Insurance Underwriters Financial Examiners Credit Counselors Credit Counselors Loan Officers Tax Preparers Financial and Investment Analysts, Financial Risk Specialists, and Finar Computer and Mathematical Occupations Computer and Mathematical Occupations	578 4,719 386 8,427 245 1,251 22,834 2,086 2,628 1,640 7,164 50,650 24,424 11,181 223 2,283 2,777 734 116 718 129 462 383 179 7,739 51,059	2,924 4,869 397 8,729 233 1,463 26,673 2,519 3,048 587 1,944 8,810 51,362 25,834 11,967 231 2,318 258 811 114 453 399 187 8,221	-350 -57 150 11 302 -12 3,839 433 420 51 1,646 712 1,410 786 8 35 -19 77 -2 13 15 -9 6,037	-10.7 -9.9 3.2 2.9 3.6 -4.9 17.0 16.8 20.8 16.0 9.5 18.5 23.0 1.4 5.8 7.0 3.6 1.5 -6.9 10.5 -1.7 11.6 -2.0 4.2 4.2 4.5 4.2 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5	1.0 0.3 0.3 0.4 -0.5 1.6 1.9 1.7 2.1 0.1 0.6 0.7 0.4 0.2 -0.7 1.0 -0.2 0.2 -0.2 0.2 1.0 -0.5 1.0 -0.5 0.9 1.7 1.7 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9	105 13 116 11 11 232 6 28 88 17 54 189 1,183 608 323 9 55 4 18 2 10 10 11 10 140	199 29 255 24 57 16 88 1,424 169 180 33 11 10 584 2,501 1,425 686 8 120 18 38 6 34 7 25 2,474	-35 -6 -6 -15 1 30 -1 21 384 43 42 5 30 165 71 141 79 1 4 -2 8 0 1 1 2 1 4 4 4 3 4 4 4 4 4 4 4 4 4 4 4 4 4	269 36 36 36 36 37 21 137 2,604 281 310 55 194 938 3,755 2,174 1,088 179 20 64 8 54 12 34 21 4,565 4,163	\$105,020 \$89,830 \$96,700 \$104,840 \$101,680 \$97,200 \$110,880 \$97,200 \$110,850 \$67,340 \$76,030 \$82,550 \$81,570 \$84,340 \$105,730 \$104,330 \$107,030 \$107,030 \$107,030 \$142,380 \$76,530 \$142,380 \$104,330 \$104	\$104,290 \$89,220 \$94,960 \$111,180 \$101,400 \$94,240 \$94,970 \$109,220 \$63,820 \$78,070 \$109,220 \$78,070 \$109,220 \$78,070 \$103,410 \$102,320 \$106,090 \$103,150 \$103,150 \$103,150 \$104,070 \$104,070 \$105,070 \$1	High school diploma or equivalent Bachelor's degree	None None None None None None None Less than 5 years None None None Less than 5 years None None None None None None None None	Long-term on-the-job training Moderate-term on-the-job training None None None None None None None None
13-1031 13-1041 13-1051 13-1075 13-1075 13-1081 13-1111 13-1121 13-1131 13-1141 13-1151 13-1161 13-2000 13-2031 13-2041 13-2053 13-2053 13-2053 13-2061 13-2072 13-2081 13-2098	Claims Adjusters, Examiners, and Investigators Compliance Officers Cost Estimators Human Resources Specialists Labor Relations Specialists Logisticians Management Analysts Meeting, Convention, and Event Planners Fundraisers Compensation, Benefits, and Job Analysis Specialists Training and Development Specialists Training and Development Specialists Market Research Analysts and Marketing Specialists Project Management Specialists and Business Operations Specialists Project Management Specialists and Business Operations Specialists, A Financial Specialists Project Management Specialists and Business Operations Specialists, A Financial Specialists Project Management Specialists and Business Operations Specialists, A Financial Specialists Project Management Specialists	578 4,719 386 8,427 245 1,251 2,086 2,628 1,640 7,164 50,650 24,424 11,181 223 2,283 2,77 734 116 718 129 462 383 179 7,739 51,059 47,005 2,988	2,924 4,869 397 8,729 233 1,463 26,673 2,519 3,048 587 1,944 8,810 51,362 25,834 11,967 231 2,318 258 811 114 731 144 453 399 187 8,221	-350 -57 150 11 302 -12 212 212 213 3,839 433 420 51 1,646 712 1,410 786 8 35 -19 -7 -7 -2 13 15 -8 -8 -8 -9 -16 -8 -8 -8 -8 -8 -8 -8 -8 -8 -8	-10.7 -9.9 3.2 2.9 3.6 -4.9 17.0 16.8 20.8 16.0 9.5 18.5 23.0 1.4 5.8 7.0 3.6 1.5 -6.9 10.5 -1.7 1.8 11.6 -2.0 4.2 4.5 6.2	1.0 0.3 0.4 -0.5 1.6 1.9 1.5 0.9 1.7 2.1 0.1 0.6 0.7 1.0 0.2 1.1 0.2 0.2 1.1 0.4 0.2 0.2 0.2 0.4 0.5 0.5 0.6 0.7 1.0 0.6 0.7 1.0 0.6 0.7 1.0 0.6 0.7 1.0 0.7 1.0 0.7 1.0 0.7 1.0 0.7 1.0 0.7 1.0 0.7 1.0 0.7 1.0 0.7 1.0 0.7 1.0 0.7 1.0 0.7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	105 13 116 11 11 232 6 6 9 88 17 54 189 1,183 608 323 9 55 4 18 2 19 10 11 10 11 10 11 10 11 10 11 10 11 10 11 11	199 29 29 255 24 16 88 1,424 169 180 33 110 584 2,501 1,425 686 8 120 18 38 6 6 34 7 25 17 10 456	-35 -6 -6 -15 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	269 36 36 36 36 37 21 137 2,604 281 310 55 194 938 3,755 2,174 1,088 18 179 20 64 8 54 112 34 21 644 4,565 4,163	\$105,020 \$89,830 \$96,700 \$104,840 \$101,680 \$97,200 \$97,590 \$110,880 \$67,340 \$76,030 \$82,550 \$81,570 \$84,340 \$110,140 \$99,420 \$110,870 \$104,330 \$104	\$104,290 \$89,220 \$94,960 \$111,180 \$101,400 \$94,240 \$94,970 \$109,220 \$63,820 \$77,520 \$77,7820 \$78,970 \$100,160 \$103,410 \$102,320 \$103,410 \$	High school diploma or equivalent Bachelor's degree Bachelor's degree	None None None None None None None Less than 5 years None Less than 5 years None None Less than 5 years None None None None None None None None	Long-term on-the-job training Moderate-term on-the-job training None None None None None None None None
13-1031 13-1041 13-1051 13-1051 13-1075 13-1081 13-1111 13-1121 13-1131 13-1141 13-1151 13-1161 13-1198 13-2000 13-2031 13-2041 13-2052 13-2053 13-2061 13-2072 13-2082 13-2082 13-2088 15-000 15-1200 15-1200	Claims Adjusters, Examiners, and Investigators Compliance Officers Cost Estimators Human Resources Specialists Labor Relations Specialists Logisticians Management Analysts Meeting, Convention, and Event Planners Fundraisers Compensation, Benefits, and Job Analysis Specialists Training and Development Specialists Training and Development Specialists Market Research Analysts and Marketing Specialists Project Management Specialists and Business Operations Specialists Project Management Specialists and Business Operations Specialists, A Financial Specialists Project Management Specialists and Business Operations Specialists, A Financial Specialists Project Management Specialists and Specialists Project Management Specialists and Business Operations Specialists, A Financial Specialists Project Management Management Specialists Project Management Manag	578 4,719 386 8,427 245 1,251 22,834 2,086 2,628 1,640 7,164 50,650 24,424 11,181 223 2,283 2,777 734 116 718 129 462 383 179 7,739 51,059	2,924 4,869 397 8,729 233 1,463 26,673 2,519 3,048 587 1,944 8,810 51,362 25,834 11,967 231 2,318 258 811 114 453 399 187 8,221	-350 -57 -57 -50 -57 -50 -57 -50 -57 -50 -57 -50 -50 -50 -50 -11 -2 -12 -12 -12 -13 -30 -2 -13 -30 -4 -30 -4 -71 -71 -78 -8 -8 -35 -19 -77 -2 -13 -15 -9 -16 -8 -8 -482 -6,992 -6,037 -149 -629	-10.7 -9.9 3.2 2.9 3.6 -4.9 17.0 16.8 20.8 16.0 9.5 18.5 23.0 1.4 5.8 7.0 3.6 1.5 -6.9 10.5 -1.7 11.6 -2.0 4.2 4.2 4.5 4.2 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5	1.0 0.3 0.3 0.4 -0.5 1.6 1.9 1.7 2.1 0.1 0.6 0.7 0.4 0.2 -0.7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	105 13 116 11 11 232 6 28 88 17 54 189 1,183 608 323 9 55 4 18 2 10 10 11 10 140	199 29 255 24 57 16 88 1,424 169 180 33 11 10 584 2,501 1,425 686 8 120 18 38 6 34 7 25 2,474	-35 -6 -6 -15 -1 -1 -30 -1 -1 -21 -384 -43 -42 -5 -30 -1 -1 -141 -2 -8 -0 -1 -1 -2 -1 -1 -4 -2 -1 -1 -2 -1 -1 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6	269 36 36 36 36 37 21 137 2,604 281 310 55 194 938 3,755 2,174 1,088 179 20 64 8 54 12 34 21 4,565 4,163	\$105,020 \$89,830 \$96,700 \$104,840 \$101,680 \$97,200 \$110,880 \$97,200 \$110,850 \$67,340 \$76,030 \$82,550 \$81,570 \$84,340 \$105,730 \$104,330 \$107,030 \$107,030 \$107,030 \$142,380 \$76,530 \$142,380 \$104,330 \$104	\$104,290 \$89,220 \$94,960 \$111,180 \$94,240 \$94,970 \$109,220 \$63,820 \$78,290 \$109,220 \$63,820 \$78,290 \$100,160 N/A \$103,410 \$102,320 \$103,410 \$103,410 \$103,410 \$103,410 \$103,410 \$103,570 \$103,570 \$103,570 \$103,570 \$103,570	High school diploma or equivalent Bachelor's degree	None None None None None None None Less than 5 years None None None Less than 5 years None None None None None None None None	Long-term on-the-job training Moderate-term on-the-job training None None None None None None None None
13-1031 13-1041 13-1051 13-1051 13-1075 13-1081 13-1111 13-1121 13-1131 13-1141 13-1151 13-1161 13-1198 13-2002 13-2031 13-2053 13-2053 13-2051 13-2072 13-2081 13-2072 13-2081 13-2072 13-2081 13-2072 13-2081 13-2072 13-2081 13-2072 13-2081 13-2072 13-2081 13-2072 13-2081 13-2072 13-2081 13-2072 13-2081 13-2072 13-2081 13-2072 13-2081 13-2082 13-2082	Claims Adjusters, Examiners, and Investigators Compliance Officers Cost Estimators Human Resources Specialists Labor Relations Specialists Logisticians Management Analysts Meeting, Convention, and Event Planners Fundraisers Compensation, Benefits, and Job Analysis Specialists Training and Development Specialists Market Research Analysts and Marketing Specialists Project Management Specialists and Business Operations Specialists, A Financial Specialists Accountants and Auditors Property Appraisers and Assessors Budget Analysts Credit Analysts Personal Financial Advisors Insurance Underwriters Financial Examiners Credit Counselors Lond Officers Tax Examiners and Collectors, and Revenue Agents Tax Preparers Financial and Investment Analysts, Financial Risk Specialists, and Financial and Investment Analysts, Financial Risk Specialists, and Financial and Investment Analysts, Financial Risk Specialists, and Financial Advisors Computer Systems Analysts Information Security Analysts Information Security Analysts Computer Systems Analysts Computer Aptwork Support Specialists Computer Network Support Specialists	578 4,719 386 8,427 245 1,251 22,834 2,086 2,628 1,640 7,164 50,650 24,424 11,181 223 2,233 2,283 2,277 734 116 718 129 462 383 179 7,739 51,059 47,005 2,998 1,717 598	2,924 4,869 397 8,729 233 1,463 26,673 2,519 3,048 587 1,944 8,810 51,362 25,834 11,967 231 2,318 258 811 114 731 144 453 399 187 8,221 58,051 53,042 2,346 693 3,47	-350 -57 -57 -50 -57 -50 -57 -50 -57 -50 -57 -50 -57 -50 -57 -50 -50 -50 -50 -50 -50 -50 -50 -50 -50	-10.7 -9.9 3.2 2.9 3.6 -4.9 17.0 16.8 20.8 16.8 20.8 16.0 1.4 5.8 7.0 1.4 5.8 7.0 1.5 -6.9 10.5 -1.7 1.8 11.6 2.0 4.2 4.5 6.2 13.7 12.8 5.1 36.6	1.0 0.3 0.4 -0.5 1.6 1.6 1.9 1.7 2.1 0.1 0.6 0.7 0.4 0.2 0.2 0.2 1.1 0.6 0.6 0.7 1.0 0.6 0.7 1.0 0.6 0.7 1.0 0.6 0.7 1.0 0.6 0.7 1.0 0.6 0.7 1.0 0.6 0.7 1.0 0.6 0.7 1.0 0.6 0.7 1.0 0.6 0.7 1.0 0.6 0.7 1.0 0.6 0.7 1.0 0.6 0.7 1.0 0.6 0.7 0.7 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	105 13 116 11 11 232 6 69 88 17 54 189 1,183 608 323 9 55 4 18 2 19 3 10 140 1,179 1,085 58	199 29 295 24 570 16 88 1,424 169 33 110 584 2,501 1,425 686 8 120 18 38 6 34 7 25 17 10 456 2,687 2,474 146 112 33	-35 -6 -6 -15 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	269 269 36 36 36 38 32 21 137 2,6604 281 310 55 194 938 3,755 194 1,088 18 179 20 64 8 54 112 34 34 34 21 644 4,565 4,163 219 206 54 26	\$105,020 \$89,830 \$96,700 \$104,840 \$101,680 \$97,200 \$97,890 \$110,880 \$67,340 \$76,030 \$87,340 \$110,880 \$110,880 \$110,180 \$	\$104,290 \$89,220 \$94,960 \$111,180 \$94,240 \$94,970 \$109,220 \$63,820 \$78,290 \$109,220 \$63,820 \$78,290 \$100,160 N/A \$103,410 \$102,320 \$103,410 \$103,410 \$103,410 \$103,410 \$103,410 \$103,570 \$103,570 \$103,570 \$103,570 \$103,570	High school diploma or equivalent Bachelor's degree	None None None None None None None Less than 5 years None Less than 5 years None None None None None None None None	Long-term on-the-job training Moderate-term on-the-job training None None None None None None None None
13-1031 13-1041 13-1051 13-1075 13-1075 13-1081 13-1111 13-1121 13-1131 13-1141 13-1151 13-1161 13-198 13-2000 13-2031 13-2031 13-2041 13-2053 13-2061 13-2072 13-2081 13-2098 15-1000 15-1210 15-1211 15-1221 15-1221 15-1232	Claims Adjusters, Examiners, and Investigators Compliance Officers Cost Estimators Human Resources Specialists Labor Relations Specialists Logisticians Management Analysts Meeting, Convention, and Event Planners Fundraisers Compensation, Benefits, and Job Analysis Specialists Training and Development Specialists Marker Research Analysts and Marketing Specialists Marker Research Analysts and Marketing Specialists Project Management Specialists and Business Operations Specialists, A Financial Specialists Accountants and Auditors Property Appraisers and Assessors Budget Analysts Credit Analysts Personal Financial Advisors Insurance Underwriters Financial Examiners Credit Counselors Loan Officers Tax Examiners and Collectors, and Revenue Agents Tax Preparers Tax Examiners and Collectors, and Revenue Agents Tax Preparers Computer Occupations Computer Occupations Computer Occupations Computer Systems Analysts Computer Occupations Computer Systems Analysts Computer Occupations Research Scientists Computer Information Research Scientists Computer Network Support Specialists Computer User Support Specialists	578 4,719 386 8,427 245 1,251 22,834 2,086 2,628 536 1,640 7,164 50,650 24,424 11,181 223 2,283 2,777 734 116 718 129 462 383 179 7,739 51,059 47,005 2,898 1,717 598 327 3,598	2,924 4,869 397 8,729 233 1,463 26,673 2,519 3,048 8,810 51,362 25,834 11,967 231 2,318 258 811 114 453 399 187 8,221 58,051 53,042 3,047 2,346 693 347 3,975	-350 -57 -57 -57 -150 -11 -302 -12 -212 -3,839 -433 -420 -51 -304 -1,646 -712 -1,410 -786 -8 -35 -19 -77 -2 -13 -15 -9 -9 -6,037 -149 -6,037 -149 -6,037 -149 -6,29 -9 -6,29 -9 -6,29 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9	-10.7 -9.9 3.2 2.9 3.6 -4.9 17.0 16.8 20.8 16.0 9.5 18.5 23.0 1.4 5.8 7.0 3.6 1.5 -6.9 10.5 -1.7 11.6 -2.0 4.2 4.2 4.5 6.1 5.1 3.6 6.1 5.1 3.6 6.1 5.1 5.1 3.6 6.1 5.1 5.1 5.1 5.1 5.1 5.1 5.1 5.1 5.1 5	1.0 0.3 0.3 0.4 -0.5 1.6 1.9 1.7 2.1 0.1 0.6 0.7 1.0 -0.2 -0.7 1.0 -0.2 -0.2 1.0 -0.5 3.2 1.0 -0.5	105 13 116 11 11 232 6 28 88 17 54 189 1,183 608 323 9 55 4 18 2 10 10 1,085 58 31 11 6 6 71	199 29 29 255 24 16 88 1,424 169 180 33 11 1425 686 8 120 18 18 2,501 14 25 17 10 456 47 24 44 146 112 33 18 30 18 200	-35 -6 -6 -15 -1 -30 -1 -1 -384 -43 -42 -5 -30 -165 -71 -41 -2 -8 -0 -1 -1 -2 -1 -1 -2 -1 -1 -2 -1 -1 -2 -1 -1 -2 -1 -1 -2 -1 -3 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6	269 36 36 36 36 37 38 38 37 21 317 2,604 281 310 55 194 938 3,755 2,174 1,088 179 20 64 8 12 34 21 34 21 4,163 219 206 54 26 309	\$105,020 \$89,830 \$89,830 \$96,700 \$104,840 \$101,680 \$97,200 \$110,850 \$67,340 \$76,030 \$82,550 \$81,570 \$84,340 \$105,730 \$110,480 \$104,330 \$107,030 \$142,380 \$194,330 \$197,030 \$142,380 \$14	\$104,290 \$89,220 \$89,220 \$94,960 \$111,180 \$101,400 \$94,240 \$94,240 \$94,240 \$94,240 \$94,970 \$109,220 \$63,820 \$78,290 \$78,290 \$78,290 \$78,070 \$100,160 N/A \$103,3150 \$108,930 \$1	High school diploma or equivalent Bachelor's degree	None None None None None None None Less than 5 years None None Less than 5 years None None None None None None None None	Long-term on-the-job training Moderate-term on-the-job training None None None None None None None None
13-1031 13-1041 13-1051 13-1075 13-1075 13-1081 13-1111 13-1121 13-1131 13-1141 13-1151 13-1161 13-1202 13-2031 13-2041 13-2053 13-2053 13-2053 13-2061 13-2072 13-2081 13-2098 15-1200 15-1211 15-1212 15-1231 15-1231 15-1231	Claims Adjusters, Examiners, and Investigators Compliance Officers Cost Estimators Human Resources Specialists Labor Relations Specialists Logisticians Management Analysts Meeting, Convention, and Event Planners Fundraisers Compensation, Benefits, and Job Analysis Specialists Training and Development Specialists Market Research Analysts and Marketing Specialists Training and Development Specialists Market Research Analysts and Marketing Specialists Project Management Specialists and Business Operations Specialists, Accountants and Auditors Property Appraisers and Assessors Budget Analysts Credit Analysts Credit Analysts Credit Analysts Credit Analysts Credit Conselors Loan Officers Tax Examiners and Collectors, and Revenue Agents Tax Preparers Financial and Investment Analysts, Financial Risk Specialists, and Finar Computer Systems Analysts Information Security Analysts Computer Nystems Analysts Information Security Analysts Computer Network Architects Computer Network Support Specialists Computer Network Architects	578 4,719 386 8,427 245 1,251 2,086 2,628 1,640 7,164 50,650 24,424 11,181 223 2,283 2,77 734 116 718 129 462 383 179 7,739 51,059 47,005 2,998 1,717 598 327 3,598 1,419	2,924 4,869 397 8,729 233 26,673 2,519 3,048 587 1,944 8,810 51,362 25,834 11,967 231 2,318 258 811 114 453 3,99 187 8,221 58,042 3,047 2,346 6,93 3,047 2,346 3,047 3,0	350 -57 -57 -50 -57 -50 -57 -50 -57 -50 -57 -50 -57 -50 -50 -11 -50 -50 -50 -50 -12 -12 -12 -12 -13 -302 -13 -433 -420 -51 -304 -77 -72 -13 -15 -9 -16 -8 -482 -6,992 -6,092 -6,097 -78 -20 -377 -78	-10.7 -9.9 3.2 2.9 3.6 -4.9 17.0 16.8 20.8 16.0 9.5 18.5 23.0 1.4 5.8 7.0 3.6 1.5 -1.7 1.8 11.6 -2.0 4.2 4.5 6.2 13.7 13.8 15.9 6.1 15.9 6.1 15.5 5.5	1.0 0.3 0.4 -0.5 1.6 1.9 1.5 0.9 1.7 2.1 0.1 0.6 0.7 1.0 -0.2 0.2 1.1 -0.2 0.4 0.6 0.5 1.0 0.9 1.0 0.6 0.7 1.0 0.6 0.5 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	105 13 116 11 11 232 6 6 28 8796 69 88 17 54 189 1,183 608 323 9 10 140 15 10 140 1,179 1,085 31 11 6 71	199 29 29 255 24 57 16 88 1,424 169 180 33 110 584 2,501 1,425 686 8 120 18 38 6 34 7 10 456 25 110 456	-35 -6 -6 -15 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	269 269 36 36 36 36 832 21 137 2,604 281 310 55 194 938 3,755 2,174 1,088 18 179 20 64 8 54 112 34 21 644 4,565 4,163 219 206 309 94	\$105,020 \$89,830 \$96,700 \$104,840 \$101,840 \$97,200 \$97,890 \$110,880 \$97,200 \$97,890 \$110,880 \$67,340 \$76,030 \$82,550 \$110,850 \$110,140 \$99,420 \$104,330 \$104	\$104,290 \$89,220 \$89,220 \$94,960 \$111,180 \$101,400 \$94,240 \$94,970 \$109,220 \$63,820 \$78,290 \$77,520 \$78,290 \$77,520 \$78,070 \$7	High school diploma or equivalent Bachelor's degree Bachelor's degree	None None None None None None None Less than 5 years None None Less than 5 years None None None None None None None None	Long-term on-the-job training Moderate-term on-the-job training None None None None None None None None
13-1031 13-1041 13-1051 13-1051 13-1075 13-1081 13-1111 13-1121 13-1131 13-1141 13-1151 13-1161 13-1198 13-2001 13-2031 13-2041 13-2052 13-2053 13-2061 13-2072 13-2081	Claims Adjusters, Examiners, and Investigators Compliance Officers Cost Estimators Human Resources Specialists Labor Relations Specialists Logisticians Management Analysts Meeting, Convention, and Event Planners Fundraisers Compensation, Benefits, and Job Analysis Specialists Training and Development Specialists Training and Development Specialists Marker Research Analysts and Marketing Specialists Project Management Specialists and Business Operations Specialists, A Financial Specialists Accountants and Auditors Property Appraisers and Assessors Budget Analysts Credit Analysts Personal Financial Advisors Insurance Underwriters Financial Examiners Credit Counselors Lond Officers Tax Examiners and Collectors, and Revenue Agents Tax Preparers Financial and Investment Analysts, Financial Risk Specialists, and Finat Computer and Mathematical Occupations Computer Occupations Computer and Information Research Scientists Computer Workov Kupport Specialists Computer Network Support Specialists	578 4,719 386 8,427 245 1,251 22,834 2,086 2,628 536 1,640 7,164 50,650 24,424 11,181 223 2,283 2,283 2,77 734 116 718 129 462 383 1,79 7,739 51,059 47,005 2,988 1,717 598 3277 3,598 1,419 1,668	2,924 521 4,869 397 8,729 233 1,463 26,673 2,519 3,048 587 1,944 8,810 51,362 25,834 11,967 231 2,318 258 811 114 731 1444 453 399 187 8,221 58,042 58,051 53,042 2,346 693 3,975 1,497 1,763	-350 -57 150 111 302 -12 212 212 213 3839 433 420 51 304 1,646 712 1,410 786 8 35 -19 77 -2 13 15 -9 16 8 8 482 6,037 149 629 95 20 377 78 99 95	-10.7 -9.9 3.2 2.9 3.6 -4.9 17.0 16.8 20.8 16.8 20.8 16.8 20.8 16.9 1.4 5.8 7.0 1.4 5.8 7.0 1.5 6.9 10.5 -1.7 1.8 11.6 6.2 13.7 12.8 5.1 13.6 6.1 10.5 5.5	1.0 0.3 0.3 0.4 -0.5 1.6 1.9 1.7 2.1 0.1 0.6 0.7 0.4 0.2 -0.7 1.0 -0.2 -0.2 0.2 1.1 0.4 0.2 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	105 13 116 11 11 232 6 6 99 88 17 54 189 1,183 608 323 9 15 4 18 19 3 10 140 1,179 1,085 58 31 11 6 71 20	199 29 29 255 24 16 88 1,424 169 180 33 11 1425 686 8 120 18 18 2,501 14 25 17 10 456 47 24 44 146 112 33 18 30 18 200	-35 -6 -6 -15 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	269 36 386 386 386 387 21 137 2,6604 281 310 55 194 938 3,755 2,174 1,088 18 179 20 64 8 54 12 34 34 34 21 644 4,565 4,163 206 54 206 54 206 594 120	\$105,020 \$89,830 \$96,700 \$104,840 \$101,686 \$97,200 \$97,690 \$110,880 \$67,340 \$76,030 \$76,030 \$87,340 \$110,880 \$110,880 \$110,880 \$110,180 \$105,730 \$142,380 \$105,730 \$142,380 \$140,330 \$142,380 \$140,330 \$142,380 \$140,330 \$142,380 \$142,380 \$143,380 \$1	\$104,290 \$89,220 \$94,960 \$111,180 \$94,240 \$94,970 \$109,220 \$63,820 \$69,800 \$78,290 \$77,820 \$78,070 \$100,160 \$102,320 \$103,410 \$102,320 \$103,410 \$103,410 \$103,410 \$103,410 \$103,410 \$103,410 \$103,410 \$103,410 \$103,410 \$103,410 \$103,410 \$103,410 \$103,410 \$103,410 \$103,410 \$103,410 \$103,410 \$103,410 \$103,410 \$103,570 \$10	High school diploma or equivalent Bachelor's degree Some college, no degree Bachelor's degree	None None None None None None None Less than 5 years None Less than 5 years None None None None None None None None	Long-term on-the-job training Moderate-term on-the-job training None None None None None None None None
13-1031 13-1041 13-1051 13-1051 13-1075 13-1081 13-1111 13-1121 13-1131 13-1141 13-1151 13-1161 13-1198 13-2000 13-2031 13-2041 13-2052 13-2053 13-2061 13-2072 13-2081 13-2098 15-1200 15-1210 15-1211 15-1221 15-1221 15-1221 15-1221 15-1221 15-1221	Claims Adjusters, Examiners, and Investigators Compliance Officers Cost Estimators Human Resources Specialists Labor Relations Specialists Logisticians Management Analysts Meeting, Convention, and Event Planners Fundraisers Compensation, Benefits, and Job Analysis Specialists Training and Development Specialists Market Research Analysts and Marketing Specialists Training and Development Specialists Market Research Analysts and Marketing Specialists Project Management Specialists and Business Operations Specialists, Accountants and Auditors Property Appraisers and Assessors Budget Analysts Credit Analysts Credit Analysts Credit Analysts Credit Analysts Credit Conselors Loan Officers Tax Examiners and Collectors, and Revenue Agents Tax Preparers Financial and Investment Analysts, Financial Risk Specialists, and Finar Computer Systems Analysts Information Security Analysts Computer Nystems Analysts Information Security Analysts Computer Network Architects Computer Network Support Specialists Computer Network Architects	578 4,719 386 8,427 245 1,251 2,086 2,628 1,640 7,164 50,650 24,424 11,181 223 2,283 2,77 734 116 718 129 462 383 179 7,739 51,059 47,005 2,998 1,717 598 327 3,598 1,419	2,924 4,869 397 8,729 233 26,673 2,519 3,048 587 1,944 8,810 51,362 25,834 11,967 231 2,318 258 811 114 453 3,99 187 8,221 58,042 3,047 2,346 6,93 3,047 2,346 3,047 3,0	350 -57 -57 -50 -57 -50 -57 -50 -57 -50 -57 -50 -57 -50 -50 -11 -50 -50 -50 -50 -12 -12 -12 -12 -13 -302 -13 -433 -420 -51 -304 -77 -72 -13 -15 -9 -16 -8 -482 -6,992 -6,092 -6,097 -69 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9	-10.7 -9.9 3.2 2.9 3.6 -4.9 17.0 16.8 20.8 16.0 9.5 18.5 23.0 1.4 5.8 7.0 3.6 1.5 -1.7 1.8 11.6 -2.0 4.2 4.5 6.2 13.7 13.8 15.9 6.1 15.9 6.1 15.5 5.5	1.0 0.3 0.4 -0.5 1.6 1.9 1.5 0.9 1.7 2.1 0.1 0.6 0.7 1.0 -0.2 0.2 1.1 -0.2 0.4 0.6 0.5 1.0 0.9 1.0 0.6 0.7 1.0 0.6 0.5 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	105 13 116 11 11 232 6 6 28 8796 69 88 17 54 189 1,183 608 323 9 10 140 15 10 140 1,179 1,085 31 11 6 71	199 29 29 255 24 16 88 1,424 169 180 33 110 584 2,501 1,425 18 38 6 34 7 7 10 456  2,687 2,474 146 31 18 200 66 81	-35 -6 -6 -15 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	269 269 36 36 36 36 832 21 137 2,604 281 310 55 194 938 3,755 2,174 1,088 18 179 20 64 8 54 112 34 21 644 4,565 4,163 219 206 309 94	\$105,020 \$89,830 \$89,830 \$96,700 \$104,840 \$101,680 \$97,200 \$140,840 \$97,200 \$104,840 \$101,680 \$97,200 \$108,7200 \$108,730 \$82,550 \$81,570 \$81,570 \$81,570 \$81,570 \$108,850 \$108,850 \$108,850 \$108,350 \$108,350 \$108,350 \$108,350 \$142,380 \$190,370 \$119,460	\$104,290 \$89,220 \$89,220 \$94,960 \$111,180 \$94,240 \$94,970 \$101,400 \$94,240 \$93,970 \$109,220 \$63,820 \$63,820 \$77,820 \$77,820 \$77,820 \$78,070 \$100,160 \$102,320 \$103,3150 \$103,3150 \$103,3150 \$103,3150 \$103,570 \$100,160 \$103,150 \$103,570 \$103,570 \$103,570 \$103,570 \$103,570 \$103,570 \$103,570 \$103,570 \$103,570 \$103,570 \$103,570 \$113,930 \$130,570 \$113,930 \$130,570 \$113,930 \$130,570 \$130,550 \$140,350 \$14	High school diploma or equivalent Bachelor's degree Bachelor's degree	None None None None None None None Less than 5 years None None Less than 5 years None None None None None None None None	Long-term on-the-job training Moderate-term on-the-job training Noderate-term on-the-job training None None None None None None None None

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Long-Term	Occupational	Projections

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		Emplo	yment	Change	in Emplo	yment		Annual Op	enings Du	ıe To *	Wag	jes**	Educa	tion, Experience, and 1	raining
Occupational Code	Occupational Title	2020	2030	Numerical	Percent	Percent	Annual	Annual	Annual	Total Annual	Annual	Annual	Typical Education Needed for	Work Experience in a Related	Typical On-the-Job Training
Code		2020	2030	Numerical	reiceili	annual	Exits	Transfers	Change	Openings	Mean	Median	Entry	Occupation	Needed to Attain Competency
15-1257	Web Developers and Digital Interface Designers	1,671	1,816	145	8.7	0.8	40	86	14	140	\$87,220	\$83,830	Bachelor's degree	None	None
15-1299	Computer Occupations, All Other	22,014	24,464	2,450	11.1	1.1	539	1,140	245	1,924	\$122,460	\$123,320	Bachelor's degree	None	None
15-2000	Mathematical Science Occupations	4,054	5,009	955	23.6	2.1	93	213	96	402	N/A	N/A			
15-2011 15-2021	Actuaries Mathematicians	207 73	208 71	-2	0.5 -2.7	0.0 -0.3	2	8	0	11 6	\$136,230 \$137,960	\$134,360 \$133,710		None None	Long-term on-the-job training
15-2021	Mathematicians Operations Research Analysts	1,562	1,853	291	18.6	1.7	37	74	29	140			Master's degree Bachelor's degree	None	None None
15-2041	Statisticians	1,561	2,039	478	30.6	2.7	36	90	48	174	\$111,970	\$116,350	Master's degree	None	None
15-2098	Data Scientists and Mathematical Science Occupations, All Other	651	838	187	28.7	2.6	15	37	19	71	\$106,210	\$99,240	Bachelor's degree	None	None
47.0000	1.17	10.000	40.000	000	0.0		040	04.4		050	6445 400	6440.000			
17-0000 17-1000	Architecture and Engineering Occupations Architects, Surveyors, and Cartographers	<b>13,390</b> 2,128	<b>13,686</b> 2,260	296 132	<b>2.2</b> 6.2	<b>0.2</b> 0.6	<b>312</b> 61	<b>614</b> 94	<b>30</b> 13	<b>956</b> 168	\$115,400 N/A	<b>\$112,620</b> N/A			
17-1011	Architects, Except Landscape and Naval	1,827	1,949	122	6.7	0.6	52	80	12	144	\$109,540	\$102,080	Bachelor's degree	None	Internship/residency
17-1012	Landscape Architects	171	174	3	1.8	0.2	5	7	0	12	\$84,590	\$76,840	Bachelor's degree	None	Internship/residency
17-1021	Cartographers and Photogrammetrists	52	55	3	5.8	0.6	2	3	0	5	\$95,260	\$94,970	Bachelor's degree	None	None
17-1022 17-2000	Surveyors	78 9,371	9,484	4 113	5.1 1.2	0.5	3	400	0 11	604	\$58,370 N/A	\$47,590 N/A	Bachelor's degree	None	Internship/residency
17-2000	Engineers Aerospace Engineers	441	480	39	8.8	0.1	193 9	16	4	29	\$145,300	\$153.400	Bachelor's degree	None	None
17-2031	Biomedical Engineers	61	68	7	11.5	1.1	1	3	1	5	\$86,360	\$83,050	Bachelor's degree	None	None
17-2041	Chemical Engineers	105	102	-3	-2.9	-0.3	2	4	0	6	\$122,620	\$126,630		None	None
17-2051	Civil Engineers	1,442	1,616	174	12.1	1.1	30	76	17	123	\$96,350	\$92,340	Bachelor's degree	None	None
17-2061 17-2071	Computer Hardware Engineers Electrical Engineers	522 629	479 674	-43 45	-8.2 7.2	-0.9 0.7	10 16	24 26	-4 4	30 46	\$125,700 \$126,840	\$104,030 \$127,740	Bachelor's degree Bachelor's degree	None None	None None
17-2071	Electronics Engineers Electronics Engineers, Except Computer	670	659	-11	-1.6	-0.2	16	27	-1	42	\$136,010	\$133,710		None	None
17-2081	Environmental Engineers	302	309	7	2.3	0.2	7	15	1	23	\$106,900	\$109,500	Bachelor's degree	None	None
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Insp	124	128	4	3.2	0.3	3	5	0	8	\$117,140	\$118,700	Bachelor's degree	None	None
17-2112	Industrial Engineers	141	145	4	2.8	0.3	3	6	0	9	\$94,680	\$91,520	Bachelor's degree	None	None
17-2121 17-2131	Marine Engineers and Naval Architects  Materials Engineers	482 117	498 114	16 -3	3.3 -2.6	-0.3	6 2	18 4	0	26 6	\$121,290 N/A	\$127,810 N/A	Bachelor's degree Bachelor's degree	None None	None None
17-2141	Mechanical Engineers	659	664	5	0.8	0.1	11	27	0	38	\$115,860	\$112,940		None	None
17-2161	Nuclear Engineers	147	142	-5	-3.4	-0.3	3	6	0	9	N/A	N/A	Bachelor's degree	None	None
17-2199	Engineers, All Other	3,503	3,379	-124	-3.5	-0.4	73	142	-12	203	\$139,050	\$146,030	Bachelor's degree	None	None
17-3000 17-3011	Drafters, Engineering Technicians, and Mapping Technicians Architectural and Civil Drafters	1,891 617	1,942 624	51 7	2.7 1.1	0.3	58 19	120 39	5 1	183 59	N/A \$73,280	N/A \$66,930	Associate's degree	None	None
17-3011	Electrical and Electronics Drafters	115	124	9	7.8	0.8	4	8	1	13	\$96,230	\$97,690	Associate's degree	None	None
17-3013	Mechanical Drafters	34	33	-1	-2.9	-0.3	1	2	0	3	N/A	N/A	Associate's degree	None	None
17-3021	Aerospace Engineering and Operations Technicians	178	197	19	10.7	1.0	6	12	2	20	N/A	N/A	Associate's degree	None	None
17-3022	Civil Engineering Technicians	146 292	158	12 5	8.2	0.8	5 9	9	1	15 27	N/A	N/A	Associate's degree	None	None
17-3023 17-3031	Electrical and Electronics Engineering Technicians Surveying and Mapping Technicians	37	297 39	2	1.7 5.4	0.2	1	18 3	0	4	\$82,850 N/A	\$77,780 N/A	Associate's degree High school diploma or equivalent	None None	None Moderate-term on-the-job training
17-3098	Calibration and Engineering Technologists and Technicians, Except Dra	441	438	-3	-0.7	-0.1	13	27	0	40	\$96,410	\$98,700	Associate's degree	None	None
19-0000 19-1000	Life, Physical, and Social Science Occupations Life Scientists	<b>28,926</b> 1,663	30,406 1,774	1,480 111	<b>5.1</b> 6.7	<b>0.5</b> 0.6	<b>626</b> 28	<b>1,992</b> 116	148 11	<b>2,766</b> 155	\$111,700 N/A	<b>\$106,100</b> N/A			
	Soil and Plant Scientists	78	75	-3	-3.9	-0.4	2	6	0	8	\$92,040	\$88,820	Bachelor's degree	None	None
	Biochemists and Biophysicists	126	131	5	4.0	0.4	2	9	0	11	\$88,740	\$83,180		None	None
19-1022	Microbiologists	57	57	0	0.0	0.0	1	4	0	5	\$107,010	\$109,500	Bachelor's degree	None	None
19-1023 19-1029	Zoologists and Wildlife Biologists Biological Scientists, All Other	103 627	105 640	2 13	1.9 2.1	0.2	10	7 45	0	9 56	\$113,310 \$130,350	\$111,180 \$111,880		None None	None None
19-1031	Conservation Scientists	149	173	24	16.1	1.5	3	12	2	17	\$90,150	\$84,340	Bachelor's degree	None	None
19-1032	Foresters	42	46	4	9.5	0.9	1	3	0	4	\$95,500	\$88,590	Bachelor's degree	None	None
19-1041	Epidemiologists	43	57	14	32.6	2.9	1	3	1	5	\$99,520	\$101,990	Master's degree	None	None
19-1042 19-2000	Medical Scientists, Except Epidemiologists Physical Scientists	411 4,346	462 4,489	51 143	12.4 3.3	1.2 0.3	6 70	25 303	5 14	36 387	\$100,340 N/A	\$90,210 N/A	Doctoral or professional degree	None	None
19-2011	Astronomers	80	77	-3	-3.8	-0.4	1	4	0	5	N/A	N/A	Doctoral or professional degree	None	None
19-2012	Physicists	836	844	8	1.0	0.1	15	40	1	56	\$151,860	\$144,800	Doctoral or professional degree	None	None
19-2021	Atmospheric and Space Scientists	40	40	0	0.0	0.0	1	3	0	4	\$132,340		Bachelor's degree	None	None
19-2031 19-2041	Chemists Environmental Scientists and Specialists, Including Health	348 2,021	341 2,206	-7 185	-2.0 9.2	-0.2 0.9	5 35	26 168	-1 18	30 221	\$129,900 \$116,120	\$133,070	Bachelor's degree Bachelor's degree	None None	None None
19-2041	Geoscientists. Except Hydrologists and Geographers	54	52	-2	-3.7	-0.4	35	168	0	5	\$116,120 N/A	\$117,350 N/A	Bachelor's degree	None	None
19-2099	Physical Scientists, All Other	957	919	-38	-4.0	-0.4	12	58	-4	66	\$141,980	\$147,460	Bachelor's degree	None	None
19-3000	Social Scientists and Related Workers	16,643	17,359	716	4.3	0.4	355	980	72	1,407	N/A	N/A			
19-3011	Economists Survey Pagagraphara	6,289	6,792	503	8.0	-0.4	123	330	50	503	\$144,110	\$133,470	Master's degree	None	None
19-3022 19-3031	Survey Researchers Clinical, Counseling, and School Psychologists	786 654	757 763	-29 109	-3.7 16.7	-0.4 1.6	17 18	51 28	-3 11	65 57	\$89,510 \$106,920	\$82,780 \$91,140	Master's degree Doctoral or professional degree	None None	None Internship/residency
19-3039	Psychologists, All Other	651	671	20	3.1	0.3	17	26	2	45	\$96,730	\$102,660	Master's degree	None	Internship/residency
19-3051	Urban and Regional Planners	239	243	4	1.7	0.2	4	17	0	21	\$113,680		Master's degree	None	None
	Anthropologists and Archeologists	71	68	-3	-4.2	-0.4	2	5	0	7	N/A		Master's degree	None	None
	Geographers Historians	34 322	33 327	-1 5	-2.9 1.6	-0.3 0.2	7	21	0	3 28	N/A N/A		Bachelor's degree Master's degree	None None	None None
	Political Scientists	4,243	4,418	175	4.1	0.4	94	284	18	396			Master's degree	None	None
19-3099	Social Scientists and Related Workers, All Other	3,299	3,239	-60	-1.8	-0.2	71	215	-6	280	\$109,300	\$106,480	Bachelor's degree	None	None
19-4000	Life, Physical, and Social Science Technicians	5,834	6,324	490	8.4	0.8	161 9	573	49	783	N/A	N/A	Bachelor's degree	None	None
	Biological Technicians Chemical Technicians	371 40	399 44	28 4	7.6 10.0	0.7 1.0	9	38 4	0	50 5	\$51,210 \$75,810	\$48,400		None None	None Moderate-term on-the-iob training
19-4045	Geological and Hydrologic Technicians	199	213	14	7.0	0.7	6	19	1	26	N/A	N/A	Associate's degree	None	Moderate-term on-the-job training
19-4061	Social Science Research Assistants	3,785	4,093	308	8.1	0.8	105	370	31	506	\$69,100	\$58,310	Bachelor's degree	None	None
	Forest and Conservation Technicians	137	171	34	24.8	2.2	4	14	3	21	N/A	N/A	Associate's degree	None	None
19-4092	Forensic Science Technicians	214	251	37	17.3	1.6	6	22	4	32	N/A	N/A	Bachelor's degree	None	Moderate-term on-the-job training

Dis	trict of Co	olumbia	
Long-Term	Occupati	onal Pro	iections

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Occupational Code								20							
		Emple	oyment	Change	in Emplo		020 - 203	Annual Op	eninas Di	ue To *	Wag	aes**	Educa	tion, Experience, and	Training
Code	Occupational Title					Percent	Annual	Annual	Annual	Total Annual	Annual	Annual	Typical Education Needed for	Work Experience in	Typical On-the-Job Training
	·	2020	2030	Numerical	Percent	annual	Exits	Transfers		Openings	Mean	Median	Entry	a Related Occupation	Needed to Attain Competency
	Life, Physical, and Social Science Technicians, All Other	1,049	1,113	64	6.1	0.6	29	102	6	137	\$68,830	\$63,260	Associate's degree	None	None
19-5000	Occupational Health and Safety Specialists and Technicians	440	460	20	4.6	0.4	12	19	2	33	N/A	N/A	Dankalaria da sea	Ness	Ness
19-5011 19-5012	Occupational Health and Safety Specialists Occupational Health and Safety Technicians	391 49	405 55	14 6	3.6 12.2	0.4 1.2	11	17	1	29 4	\$95,410 \$49,980	\$96,000	Bachelor's degree High school diploma or equivalent	None None	None Moderate-term on-the-job training
19-3012	Occupational Fleatiff and Safety Technicians	45	- 33	0	12.2	1.2				-	ψ43,300	ψ44,030	riigii scriooi dipioina di equivalent	None	Woderate-term on-the-job training
21-0000	Community and Social Service Occupations	11,486	13,014	1,528	13.3	1.3	408	796	153	1,357	\$65,680	\$61,480			
21-1000	Counselors, Social Workers, and Other Community and Social Service	10,885	12,401	1,516	13.9	1.3	379	756	152	1,287	N/A	N/A			
	Educational, Guidance, School, and Vocational Counselors	1,336	1,599	263	19.7	1.8	48	87	26	161	\$69,720		Master's degree	None	None
21-1013 21-1015	Marriage and Family Therapists Rehabilitation Counselors	32 909	38 971	6 62	18.8 6.8	1.7 0.7	1 31	2 56	6	93	N/A \$52,210	N/A \$44,430	Master's degree Master's degree	None None	Internship/residency None
21-1013	Substance Abuse, Behavioral Disorder, and Mental Health Counselors	1,053	1,270	217	20.6	1.9	38	69	22	129	\$56,200	\$53,330		None	None
21-1019	Counselors, All Other	288	335	47	16.3	1.5	10	18	5	33	\$49,040	\$43,950		None	None
21-1021	Child, Family, and School Social Workers	2,160	2,448	288	13.3	1.3	65	146	29	240	\$71,840	\$69,700	Bachelor's degree	None	None
21-1022	Healthcare Social Workers	397	426	29	7.3	0.7	12	26	3	41	\$76,100	\$74,920	Master's degree	None	Internship/residency
21-1023 21-1029	Mental Health and Substance Abuse Social Workers Social Workers, All Other	631 223	690 221	59 -2	9.4	0.9 -0.1	18 6	42 14	6 0	66 20	\$73,490 N/A	\$/2,//U N/A	Master's degree Bachelor's degree	None None	Internship/residency None
21-1029	Health Educators	629	659	30	4.8	0.5	22	44	3	69	\$97,390		Bachelor's degree	None	None
	Social and Human Service Assistants	1,724	1,982	258	15.0	1.4	74	140	26	240	\$54,640		High school diploma or equivalent	None	Short-term on-the-job training
	Community Health Workers	817	981	164	20.1	1.8	31	62	16	109	\$62,040		High school diploma or equivalent	None	Short-term on-the-job training
21-1099	Community and Social Service Specialists, All Other	672	765	93	13.8	1.3	24	50	9	83	\$58,340		Bachelor's degree	None	None
21-2000 21-2011	Religious Workers Clergy	601 209	613 217	12 8	3.8	0.2	29 9	40 12	1	70 22	N/A \$73,920	N/A \$67,200	Bachelor's degree	None	Moderate-term on-the-job training
21-2011	Directors, Religious Activities and Education	173	176	3	1.7	0.4	7	13	0	20	\$75,020	\$56,150		Less than 5 years	None
21-2099	Religious Workers, All Other	219	220	1	0.5	0.0	13	16	0	29	\$55,430		Bachelor's degree	None	None
23-0000	Legal Occupations	48,266	50,083	1,817	3.8	0.4	1,216	1,589	182	2,987	\$172,690	\$166,500			
23-1000 23-1011	Lawyers, Judges, and Related Workers	39,204 38,702	40,479 39,971	1,275 1,269	3.3	0.3	861 850	981 968	128 127	1,970 1,945	N/A \$197,100	N/A \$170,810	Doctoral or professional degree	None	None
23-1011	Lawyers Administrative Law Judges, Adjudicators, and Hearing Officers	388	390	2	0.5	0.3	8	10	0	1,945	N/A	N/A	Doctoral or professional degree	5 years or more	Short-term on-the-job training
23-1022	Arbitrators, Mediators, and Conciliators	114	118	4	3.5	0.3	2	3	0	5	\$104,460	\$97,530	Bachelor's degree	Less than 5 years	Moderate-term on-the-job training
23-2000	Legal Support Workers	9,062	9,604	542	6.0	0.6	355	608	54	1,017	N/A	N/A	, , , , , , , , , , , , , , , , , , ,		1
23-2011	Paralegals and Legal Assistants	6,522	7,035	513	7.9	0.8	262	458	51	771	\$83,330	\$83,170		None	None
23-2099	Legal Support Workers, All Other	2,514	2,542	28	1.1	0.1	92	149	3	244	\$79,970	\$67,760	Associate's degree	None	None
25-0000	Education, Training, and Library Occupations	33.420	37,999	4,579	13.7	1.3	1,521	1,645	458	3.624	\$81,030	\$70,300			
25-1000	Postsecondary Teachers	9,573	10,824	1,251	13.1	1.2	456	477	125	1,058	N/A	N/A			
	Business Teachers, Postsecondary	653	709	56	8.6	0.8	30	32	6	68	\$125,460	\$92,970	Doctoral or professional degree	None	None
25-1021	Computer Science Teachers, Postsecondary	221	243	22	10.0	1.0	10	11	2	23	\$112,270	\$94,750		None	None
25-1022	Mathematical Science Teachers, Postsecondary	226	248	22	9.7	0.9	11	11	2	24	\$80,530	\$75,900		None	None
25-1031 25-1032	Architecture Teachers, Postsecondary Engineering Teachers, Postsecondary	56 181	62 207	6 26	10.7 14.4	1.0	9	3	3	7 21	\$101,640 N/A	\$86,640 N/A	Doctoral or professional degree  Doctoral or professional degree	None None	None None
25-1032	Biological Science Teachers, Postsecondary	317	363	46	14.5	1.4	15	16	5	36	\$117,350		Doctoral or professional degree	None	None
25-1052	Chemistry Teachers, Postsecondary	88	96	8	9.1	0.9	4	4	1	9	\$104,450		Doctoral or professional degree	None	None
25-1053	Environmental Science Teachers, Postsecondary	35	38	3	8.6	0.8	2	2	0	4	\$112,900	\$90,440	Doctoral or professional degree	None	None
	Physics Teachers, Postsecondary	110	120	10	9.1	0.9	5	5	1	11	\$106,720	\$97,640		None	None
25-1061 25-1062	Anthropology and Archeology Teachers, Postsecondary  Area, Ethnic, and Cultural Studies Teachers, Postsecondary	50 204	55 224	5 20	10.0 9.8	1.0 0.9	10	10	2	4 22	\$107,310 \$87,860	\$96,160	Doctoral or professional degree Doctoral or professional degree	None None	None None
25-1062	Economics Teachers, Postsecondary	227	249	22	9.7	0.9	11	11	2	24	\$148,680	\$128,230	Doctoral or professional degree	None	None
25-1065	Political Science Teachers, Postsecondary	864	952	88	10.2	1.0	41	42	9	92	\$116,380	\$99,890	Doctoral or professional degree	None	None
25-1066	Psychology Teachers, Postsecondary	165	185	20	12.1	1.2	8	8	2	18	\$106,050	\$104,040	Doctoral or professional degree	None	None
25-1067	Sociology Teachers, Postsecondary	106	116	10	9.4	0.9	5	5	1	11	\$86,440	\$82,540	Doctoral or professional degree	None	None
25-1069 25-1071	Social Sciences Teachers, Postsecondary, All Other Health Specialties Teachers, Postsecondary	93 1,244	102 1,571	9 327	9.7 26.3	0.9 2.4	4 63	5 66	33	10 162	\$92,480 \$147.450	\$83,160 \$124,510	Doctoral or professional degree Doctoral or professional degree	None Less than 5 years	None None
25-1071	Nursing Instructors and Teachers, Postsecondary	131	166	35	26.7	2.4	7	7	4	18	\$111,940	\$101,950		Less than 5 years	None
25-1081	Education Teachers, Postsecondary	555	607	52	9.4	0.9	26	27	5	58	\$52,760		Doctoral or professional degree	Less than 5 years	None
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	80	92	12	15.0	1.4	4	4	1	9	\$81,400		Doctoral or professional degree	None	None
25-1112	Law Teachers, Postsecondary	850	950	100	11.8	1.1	40	42	10	92	\$145,400	\$108,080	Doctoral or professional degree	Less than 5 years	None
25-1113 25-1121	Social Work Teachers, Postsecondary Art, Drama, and Music Teachers, Postsecondary	41 414	45 461	4 47	9.8 11.4	0.9 1.1	20	20	5	4 45	N/A \$81.550	N/A \$76,360	Doctoral or professional degree Master's degree	None None	None None
25-1121	Communications Teachers, Postsecondary	247	271	24	9.7	0.9	12	12	2	26	\$86,660	\$80,190	Doctoral or professional degree	None	None
	English Language and Literature Teachers, Postsecondary	318	348	30	9.4	0.9	15	16	3	34	\$88,970	\$78,690	Doctoral or professional degree	None	None
25-1124	Foreign Language and Literature Teachers, Postsecondary	671	784	113	16.8	1.6	32	34	11	77	\$75,720	\$69,720	Doctoral or professional degree	None	None
25-1125	History Teachers, Postsecondary	135	149	14	10.4	1.0	6	7	1	14	\$107,150	\$96,380	Doctoral or professional degree	None	None
25-1126 25-1193	Philosophy and Religion Teachers, Postsecondary Recreation and Fitness Studies Teachers, Postsecondary	270 58	304 63	34	12.6	1.2 0.8	13 3	13	3 0	29 6	\$88,580 N/A	\$81,740 N/A	Doctoral or professional degree Doctoral or professional degree	None None	None None
	Postsecondary Teachers, All Other	885	958	5 73	8.6 8.3	0.8	41	43	7	91	N/A N/A	N/A N/A	Doctoral or professional degree  Doctoral or professional degree	None	None
25-1100	Preschool, Primary, Secondary, and Special Education School Teachers	11,542	13,464	1,922	16.7	1.6	384	526	192	1,102	N/A	N/A	because of professional degree		110.10
25-1199 25-2000	Preschool Teachers, Except Special Education	937	1,103	166	17.7	1.6	42	60	17	119	\$45,890	\$43,210	Associate's degree	None	None
25-2000 25-2011		249	288	39	15.7	1.5	11	16	4	31	\$55,730		Bachelor's degree	None	None
25-2000 25-2011 25-2012	Kindergarten Teachers, Except Special Education			708	17.5	1.6	135	176	71	382	\$78,840		Bachelor's degree	None	None
25-2000 25-2011 25-2012 25-2021	Elementary School Teachers, Except Special Education	4,051	4,759			4 ^	~ 7	^-	,,	70				Mana	Mana
25-2000 25-2011 25-2012 25-2021 25-2022	Elementary School Teachers, Except Special Education Middle School Teachers, Except Special and Career/Technical Education	807	942	135	16.7	1.6	27 107	35 163	14 58	76 328	\$79,110		Bachelor's degree	None	None
25-2000 25-2011 25-2012 25-2021 25-2022 25-2031	Elementary School Teachers, Except Special Education Middle School Teachers, Except Special and Career/Technical Educatio Secondary School Teachers, Except Special and Career/Technical Edu	807 3,730	942 4,305		16.7 15.4	1.4	27 107 1	35 163 2	14 58 1	76 328 4	\$66,800	\$64,020	Bachelor's degree	None	None
25-2000 25-2011 25-2012 25-2021 25-2022 25-2031	Elementary School Teachers, Except Special Education Middle School Teachers, Except Special and Career/Technical Education	807	942	135 575	16.7		107	163	58	328		\$64,020 \$65,020			
25-2000 25-2011 25-2012 25-2021 25-2022 25-2031 25-2051 25-2052 25-2057	Elementary School Teachers, Except Special Education Middle School Teachers, Except Special and Career/Technical Educatic Secondary School Teachers, Except Special and Career/Technical Edu Special Education Teachers, Preschool Special Education Teachers, Kindergarten and Elementary School Special Education Teachers, Middle School	807 3,730 36 870 259	942 4,305 42 1,018 304	135 575 6 148 45	16.7 15.4 16.7 17.0 17.4	1.4 1.6 1.6 1.6	107 1 31 9	163 2 38 11	58 1 15 4	328 4 84 24	\$66,800 \$68,720 \$77,540 \$81,380	\$64,020 \$65,020 \$74,960 \$78,690	Bachelor's degree Bachelor's degree Bachelor's degree Bachelor's degree	None None None None	None None None None
25-2000 25-2011 25-2012 25-2021 25-2022 25-2031 25-2051 25-2052 25-2057 25-2058	Elementary School Teachers, Except Special Education Middle School Teachers, Except Special and Career/Technical Educatic Secondary School Teachers, Except Special and Career/Technical Edu Special Education Teachers, Preschool Special Education Teachers, Kindergarten and Elementary School	807 3,730 36 870	942 4,305 42 1,018	135 575 6 148	16.7 15.4 16.7 17.0	1.4 1.6 1.6	107 1 31	163 2 38	58 1 15	328 4 84	\$66,800 \$68,720 \$77,540	\$64,020 \$65,020 \$74,960 \$78,690 \$78,390	Bachelor's degree Bachelor's degree Bachelor's degree	None None None	None None

District of	of Columbia	1
Long-Term Occu	pational Pr	ojections

Code						Long			nal Projecti	ons						
Decomposition   Decomposition   The   Decomposition   Decomposition   The   Decomposit			Emplo	vment	Change	in Emplo				enings Di	10 To *	War	noe**	I Educat	ion Evnerience and l	raining
2-91    Data Botts and Societies and Jerum (1911   400   57   63   61   61   61   61   61   62   62   63   64   64   64   64   64   64   64		Occupational Title					Percent	Annual	Annual	Annual	Total Annual	Annual	Annual	Typical Education Needed for	Work Experience in a Related Occupation	Typical On-the-Job Training Needed to Attain Competency
25   Section Features, Sport 1, and	25-3011	Adult Basic and Secondary Education and Literacy Teachers and Instru	421	456	35	8.3	0.8	26	24	4	54	\$63,250	\$60,580	Bachelor's degree		None
Section   Sect								51					400,000		Less than 5 years	None
																None
2-01   Perturbal														Bachelor's degree	None	None
2001   Classics														Master's degree	None	None
Section   Sect		Curators						10						Master's degree		None
25-001   Start   Techniques   100																None
																None None
Section   Section   Consideration   1,602   1,705   203   1,2   0.3   7.2   0.0   7.7   310,000   300,000   Marcin degree   Section														Postsecondary non-degree award	None	None
Section   Record Assertators Except Proteococcing   Section   Se	25-9031			1,795					74					Master's degree	5 years or more	None
25-909  Education Terrans, and Liberary Workers, All College   10.055   10.95   11.8   1.1   10.2   17.207   560,000 Socrater's storage   Nove   17.7000   11.700																None
22-1016   Act   Design for Numbers (Sports, and Media Occupations)   A 1-12   A 1-																None None
27-1019   Interel Designers   6-172   6-210   88   1.4   0.1   27   347   9   000   NA   NA   NA   NA   NA   NA   N	23-9099	Education, Training, and Library Workers, All Other	920	1,055	103	11.0	1	40	45	- ''	102	\$10,310	\$00,000	Dacrieioi s degree	None	INOTIC
27-1011 And Directors		Arts, Design, Entertainment, Sports, and Media Occupations		-,	4,293					429						
27-1014   Microrado Architect and Architecture   2022   208   4   1.4   0.1   1.4   15   0.   29   88 90.50   \$86.670   Bachelor's algorized Note   1.770   1.770   1.770   4.77   3.0   0.1   4.1   5.0   0.2   4.5   4.1   0.0   7.1   1.6   1.6   0.0   1.6   1.6   0.0   1.6   0.0   1.6   0.0														Deal de la la cons		Maria
27-103  Printers and Festelet Workers, All Others   1,770   7,703   67   3.3   4.7   0.5   2.4   0.6   6.8   52.25   53.0   19.8   10.05   10.05   19.8   10.05   10															5 years or more None	None None
27-1023   Four Designers																Long-term on-the-job training
27-1005 Interior Designers   965   1,042   47   4.7   6.5   15   5   57   872,750   88,540   88,040   69,000		Floral Designers	64	67	3	4.7	0.5	2	4	0	6	\$42,350	40.,000	High school diploma or equivalent	None	Moderate-term on-the-job training
27-1076   Morchandsta Epidyman and Window Tremmens																None
27-1007   Set and Epstibil Delegrates																None Short-term on-the-job training
27-2001   President and Performers, Sports and Related Workers   4,590   5,548   968   21,1   9,9   173   334   97   904   NA   NA   NA   Somm critique, or degree   Nove   27-2012   Producers and Directors   4,590   3,10																None
27-2011   Actors		Designers, All Other		213	23				12	2			400,0.0		None	None
27-2012														Comp college as decree	Ness	Language of the interior
Althorises and Sportes Competitions															Less than 5 years	Long-term on-the-job training None
27-2031   Oampers																Long-term on-the-job training
27-2004   Musicions and Composers   121   146   25   207   19   8   8   2   18   N/A   N/A   N/A   N/A   Selection's degree   Less than 5   27-2004   Musicions and Composers   121   146   25   207   19   8   8   2   2   18   N/A   N																None
27-2041   Music Directors and Composess										-						Long-term on-the-job training  Long-term on-the-iob training
27-2042   Musclanean and Singnes   369   438   79   22.0   23   22   8   53   NA   NA   No fromal educational condential   None   27-2000   Micella and Communication Violence   29-898   32-221   24.95   8.11   0.8   885   2012   244   3.142   NA   No fromal educational condential   None   27-2000   Media and Communication Violence   29-898   32-221   24.95   8.11   0.8   885   2012   244   3.142   NA   NA   NO fromal educational condential   None   27-2013   None Analysis, Reporters, and Journalists   4.55   4.65   4.75   4.65   4.75   4.75   4.05   4.75														5	Less than 5 years	None
27-3013   Region and Communication Workers   29,988   32,421   2,435   8.1   0.8   886   2,012   244   3,142   N/A N/A N/A   N/A   N/A   27-3023   Revis Analysts, Reporters, and Journalists   2,272   2,467   185   8.1   0.8   70   182   18   270   3115,90   397,820   Bachelor's degree   None   27-3023   Revis Analysts, Reporters, and Journalists   19,119   2,1171   2,051   2,051   2,015   2,051   2,015   3109,4103   32,240   Bachelor's degree   None   27-3041   Editors   3,437   3,416   -21   -0.6   -0.1   112   215   -2   325   385,500   385,600   Bachelor's degree   None   27-3041   Editors   3,437   3,416   -21   -0.6   -0.1   112   215   -2   325   385,500   385,600   Bachelor's degree   Lees than 5   3,437   3,416   -21   -2.5   -2.5   325   335,500   385,600   Bachelor's degree   Lees than 5   3,437   3,437   -2.5   -2.5   -2.5   325   335,500   385,600   Bachelor's degree   Lees than 5   -2.5   -2		Musicians and Singers			79	22.0							N/A			Long-term on-the-job training
27-3011   Radio and Television Announcers			166											No formal educational credential	None	Short-term on-the-job training
27-3023   News Analysts, Reporters, and Journalists   2,272   2,457   185   8.1   0.8   70   182   18   270   3115,960   597,620   Bachelor's degree   None   27-3041   Editors   3,437   3,416   -21   -0.6   -0.1   112   215   -2   325   395,590   585,690   Bachelor's degree   None   27-3041   Editors   593   636   437   3,416   -21   -0.6   -0.1   112   215   -2   325   395,590   585,690   Bachelor's degree   Less than 5   27-3043   Writers and Authors   3,011   2,794   -217   -7.2   -0.7   116   160   -22   254   5104,720   5103,220   Bachelor's degree   Less than 5   27-3043   Writers and Authors   991   1.233   332   336   33.2   41   56   33   132   NA   NA   Bachelor's degree   None   27-3099   Media and Communication Workers, All Other   208   228   209   6 0.9   8   12   2   22   375,530   584,600   High school deforms or equivalent   None   27-4001   Audio and Vidoo Equipment Workers   3424   4.226   802   234   21   113   252   80   445   NA   NA   Bachelor's degree   None   27-4011   Audio and Vidoo Equipment Workers   470   515   45   3.5   2.9   20   56   22   98   586,990   582,420   Postsecondary non-degree ward   None   27-4021   Protographers   27-4021			29,986											Bachelor's degree	None	None
Editors																None
27-3042   Technical Writers   593   636   43   7.3   0.7   16   38   4   58   \$50,230   \$91,190   Bachelor's degree   Less han 5   27-3091   Writers and Authors   3,011   2,794   2:17   7.2   -0.7   116   160   2:2   254   \$104,720   \$103,220   Bachelor's degree   Less han 5   27-3091   Interpreters and Translators   991   1,233   332   33.9   36.9   3.2   41   58   33   132   NA   NA   Bachelor's degree   None 27-4000   Media and Communication Workers, All Other   208   228   20   9.6   0.9   8   12   2   22   57-530   \$94,400   High school diploma or equivalent   None 27-4001   Audio and Video Equipment Workers   3,424   4,226   802   23.4   2.1   113   252   80   445   NA   NA   NA   NA   20-400   NA													40-3-10			None
27:3043   Writes and Authors   3.011   2.794   2:17   7:72   -0.7   116   160   -22   254   \$104.720   \$103.200   Bachelor's degree   None   27:3099   Media and Communication Equipment Workers   All Other   208   228   20   9.6   0.9   8   12   2   22   \$74.530   \$64.400   High school diploma or equivalent   None   27:4001   Audio and Video Equipment Technicians   650   868   218   33.5   2.9   20   56   22   98   \$66.990   \$62.420   Postsecondary non-degree award   None   27:4011   Audio and Video Equipment Technicians   470   515   45   9.6   0.9   13   36   4   53   \$71.230   \$65.690   Postsecondary non-degree award   None   27:4014   Sound Engineering Technicians   112   122   10   8.9   0.9   3   9   1   13   \$57.1330   \$65.620   Postsecondary non-degree award   None   27:4031   Camera Operators, Television, Video, and Motion Picture   525   592   57   10.9   10.0   17   34   6   57   \$70.440   \$69.790   Bachelor's degree   None   27:4093   Lighting Technicians   459   446   13   12.8   43   44   28   56   47   \$73.330   \$80.850   \$80.900   \$80.800   \$8														·	Less than 5 years	None Short-term on-the-job training
27-3091   Interpreters and Translators																Long-term on-the-job training
27-4001   Audio and Victore Equipment Workers   3.424   4.226   802   23.4   2.1   113   252   80   445   NA   NA   NA										33						None
27-4011   Audio and Video Equipment Technicians   650   868   218   33.5   2.9   2.0   56   22   98   \$56.990   \$52.420   Postsecondary non-relegree award. None   27-4014   Sound Engineering Technicians   470   515   45   96   0.9   13   36   4   53   \$71.230   \$71.730   \$85.620   Postsecondary non-degree award. None   27-4021   Photographers   785   1.221   436   55.5   4.5   34   56   44   134   \$91.720   \$82.990   High school diplomar equivalent   None   27-4031   Camera Operators, Television, Video, and Motion Picture   525   582   57   10.9   11.0   17   34   6   57   \$70.440   \$86.780   Bachelor's degree   None   27-4032   Film and Video Editors   423   472   449   11.6   1.1   14   28   5   47   \$73.380   \$86.960   Bachelor's degree   None   27-4098   Ughting Technicians and Media and Communication Equipment Worke   459   446   -13   -2.8   -0.3   12   33   -1   44   \$103.400   \$11.250   High school diploma or equivalent   None   29-4000   Health Diagnosing and Technical Occupations   29,445   32,021   2,576   8.8   0.8   749   833   258   1,840   \$107,690   \$89,360   Bachelor's degree   None   29-1000   Hostith Diagnosing and Treating Practitioners   22,231   24,187   1,956   8.8   0.8   540   516   196   1,252   N/A   N/A   Doctoral or professional degree   None   29-1029   Dentists, General   577   697   120   20.8   1.9   12   5   12   29   N/A   N/A   Doctoral or professional degree   None   29-1041   Optometrists   336   405   69   20.5   1.9   12   13   7   32   873,150   872,200   Bachelor's degree   None   29-1071   Physician Assistants   511   668   157   307   27   9   23   16   48   5114,330   5116,320   Notoral or professional degree   None   29-1128   Repetators   19,444   11.4   11.3   1.1   2   1   1   4   1.4														High school diploma or equivalent	None	Short-term on-the-job training
27-4012   Broadcast Technicians														Postsecondary non-degree award	None	Short-term on-the-job training
27-4021   Photographers   785   1,221   436   55.5   4.5   34   56   44   134   \$91,720   \$92,990   High School diploma or equivalent   None   27-4032   Film and Video Editors   423   472   49   11.6   1.1   14   28   5   47   \$73,390   \$68,960   Bachelor's degree   None   27-4032   Film and Video Editors   423   472   49   11.6   1.1   14   28   5   47   \$73,390   \$68,960   Bachelor's degree   None   27-4098   Lighting Technicians and Media and Communication Equipment Worke   459   446   -13   -2.8   -0.3   12   33   -1   44   \$108,340   \$112,250   High school diploma or equivalent   None   429,445   32,021   2,576   8.8   0.8   749   833   258   1,840   \$107,590   \$89,360   S89,360	27-4012		470	515	45	9.6	0.9	13	36	4	53	\$71,230				Short-term on-the-job training
27-4031   Camera Operators, Television, Video, and Motion Picture   525   582   57   10.9   1.0   17   34   6   57   \$70,440   \$68,790   Bachelor's degree   None   27-4098   Lighting Technicians and Media and Communication Equipment Worke   459   446   -13   -2.8   -0.3   12   33   -1   44   \$705,340   \$112,250   Bachelor's degree   None   27-4098   Lighting Technicians and Media and Communication Equipment Worke   459   446   -13   -2.8   -0.3   12   33   -1   44   \$705,340   \$112,250   Bachelor's degree   None   29-1000   Health Care Practitioners and Technical Occupations   29,445   32,021   2,576   8.8   0.8   749   833   258   1,840   \$107,690   \$89,350   \$89,3																Short-term on-the-job training
27-4032   Film and Video Editors   423   472   49   11.6   1.1   14   28   5   47   \$73,390   \$88,960   Bachelor's degree   None   27-4098   Lighting Technicians and Media and Communication Equipment Worker   459   446   -13   -2.8   -0.3   12   33   -1   44   \$108,340   \$112,250   High school diploma or equivalent   None   29-0000   Health Diagnosing and Technical Occupations   29,445   32,021   2,576   8.8   0.8   749   833   258   1,840   \$107,690   \$89,360   \$107,690   \$89,360   \$107,090   \$107,																Moderate-term on-the-job training  None
29-1000   HealthCare Practitioners and Technical Occupations   29,445   32,021   2,576   8.8   0.8   749   833   258   1,840   \$107,690   \$89,360													400,.00			None
29-1000   Health Diagnosing and Treating Practitioners   22,231   24,187   1,956   8.8   0.8   540   516   196   1,252   N/A   N/A   N/A	27-4098	Lighting Technicians and Media and Communication Equipment Worker	459	446	-13	-2.8	-0.3	12	33	-1	44	\$108,340	\$112,250	High school diploma or equivalent	None	Short-term on-the-job training
29-1000   Health Diagnosing and Treating Practitioners   22,231   24,187   1,956   8.8   0.8   540   516   196   1,252   N/A   N/A   N/A	29-0000	Healthcare Practitioners and Technical Occupations	29 445	32 021	2 576	8.8	0.8	749	833	258	1 840	\$107 690	\$89.360			
29-1021   Dentists, General   577   697   120   20.8   1.9   12   5   12   29   N/A   N/A   Doctoral or professional degree   None   29-1031   Dietitians and Nutritionists   34   32   -2   5.9   -0.6   1   0   0   1   N/A   N/A   Doctoral or professional degree   None   29-1031   Dietitians and Nutritionists   336   405   69   20.5   1.9   12   13   7   32   373,150   372,020   Bachelor's degree   None   29-1041   Optometrists   97   108   11   11.3   1.1   2   1   1   4   \$189,750   \$157,320   Doctoral or professional degree   None   29-1051   Pharmacists   1.093   1.147   54   4.9   0.5   21   22   5   48   \$123,450   \$157,320   Doctoral or professional degree   None   29-1071   Physician Assistants   511   668   157   30.7   2.7   9   23   16   48   \$114,330   \$116,320   Master's degree   None   29-1122   Occupational Therapists   360   434   74   20.6   1.9   9   13   7   29   \$96,330   \$96,980   Master's degree   None   29-1123   Physical Therapists   590   705   115   19.5   1.8   13   13   12   38   \$96,090   \$90,00   Doctoral or professional degree   None   29-1124   Radiation Therapists   127   135   8   6.3   0.6   2   4   1   7   \$84,500   \$81,230   Associate's degree   None   29-1125   Recreational Therapists   74   78   4   5.4   0.5   2   3   0   5   \$78,630   \$91,250   Bachelor's degree   None   29-1126   Respiratory Therapists   284   347   63   22.2   2.0   7   8   6   21   \$82,240   \$81,470   Associate's degree   None   29-1126   Respiratory Therapists   284   347   63   22.2   2.0   7   8   6   21   \$82,240   \$81,470   Associate's degree   None   29-1127   Physician Assistants   134   184   50   37.3   3.2   2   2   5   9   \$127,310   \$128,910   Doctoral or professional degree   None   29-1127   Physician Assistants   134   184   50   37.3   3.2   2   2   5   9   \$127,310   \$128,910   Doctoral or professional degree   None   29-1131   Veterinarians   134   184   50   37.3   3.2   2   2   5   9   \$127,310   \$128,910   Doctoral or professional degree   None   29-1131   Veterinarians   134   1																
29-1031   Dietitians and Nutritionists   336   405   69   20.5   1.9   12   13   7   32   \$73,150   \$72,020   Bachelor's degree   None   29-1041   Optometrists   97   108   11   11.3   1.1   2   1   1   4   \$189,750   \$157,320   Doctoral or professional degree   None   29-1051   Pharmacists   1,093   1,147   54   4.9   0.5   21   22   5   48   \$123,450   \$157,320   Doctoral or professional degree   None   29-1071   Physician Assistants   511   668   157   30.7   2.7   9   23   16   48   \$114,330   \$116,320   Master's degree   None   29-1122   Occupational Therapists   360   434   74   20.6   1.9   9   13   7   29   \$96,330   \$96,980   Master's degree   None   29-1123   Physical Therapists   590   705   115   19.5   1.8   13   13   12   38   \$86,090   \$93,000   Doctoral or professional degree   None   29-1124   Radiation Therapists   127   135   8   6.3   0.6   2   4   1   7   \$84,500   \$91,230   S80ciate's degree   None   29-1125   Recreational Therapists   74   78   4   5.4   0.5   2   3   0   5   \$78,630   \$91,250   S80ciate's degree   None   29-1126   Respiratory Therapists   284   347   63   22.2   2.0   7   8   6   21   \$82,940   \$81,470   Associate's degree   None   29-1127   Speech-Language Pathologists   477   679   202   42.4   3.6   14   21   20   55   \$101,920   \$99,420   Master's degree   None   29-1131   Veterinarians   134   184   50   37.3   3.2   2   2   5   9   \$127,310   \$128,910   Doctoral or professional degree   None   29-1131   Veterinarians   134   184   50   37.3   3.2   2   2   5   9   \$127,310   \$128,910   Doctoral or professional degree   None   29-1131   Veterinarians   134   184   50   37.3   5.7   2.2   5   9   \$127,310   \$128,910   Doctoral or professional degree   None   29-1131   Veterinarians   134   184   50   37.3   5.7   5.4   0.5   2.9   273   57   620   \$99,050   \$99,420   Master's degree   None   29-1131   Veterinarians   134   184   50   37.3   5.7   5.4   0.5   2.9   273   57   620   \$99,050   \$99,420   Master's degree   None   29-1141   Registered Nurses   10,575   1	29-1021	Dentists, General	577	697	120	20.8	1.9		5	12		N/A	N/A			None
29-1041   Optometrists   97   108   11   11.3   1.1   2   1   1   4   \$189,750   \$157,320   Octoral or professional degree   None   29-1071   Phyramicists   1,093   1,147   54   4.9   0.5   21   22   5   48   \$123,450   \$16,320   Octoral or professional degree   None   29-1071   Physician Assistants   511   668   157   30.7   2.7   9   23   16   48   \$114,330   \$16,320   Master's degree   None   29-1122   Occupational Therapists   360   434   74   20.6   1.9   9   13   7   2.9   \$96,330   \$96,980   Master's degree   None   29-1123   Physical Therapists   590   705   115   19.5   1.8   13   13   12   38   \$86,090   \$93,00   Octoral or professional degree   None   29-1124   Radiation Therapists   127   135   8   6.3   0.6   2   4   1   7   \$84,500   \$81,230   Associate's degree   None   29-1125   Recreational Therapists   74   78   4   5.4   0.5   2   3   0   5   \$78,630   \$79,250   Bachler's degree   None   29-1127   Respiratory Therapists   284   347   63   22.2   2.0   7   8   6   2   3   3   3   4   3   4   3   4   3   4   3   4   3   4   3   4   3   4   4								1			1					Internship/residency Internship/residency
29-1051   Pharmacists																None
29-1071   Physician Assistants   511   668   157   30.7   2.7   9   23   16   48   \$114,320   Master's degree   None								_								None
29-1123   Physical Therapists   590   705   115   19.5   1.8   13   13   12   38   \$96,090   \$93,000   Doctoral or professional degree   None   29-1124   Radiation Therapists   127   135   8   6.3   0.6   2   4   1   7   \$94,500   \$91,230   \$81,230   \$80,50iate's degree   None   29-1126   Recreational Therapists   74   78   4   5.4   0.5   2   3   0   5   \$78,630   \$79,250   Bachelor's degree   None   29-1126   Respiratory Therapists   284   347   63   22.2   2.0   7   8   6   2.1   \$82,940   \$81,470   Associate's degree   None   29-1126   Speech-Language Pathologists   477   679   202   42.4   3.6   14   21   20   55   \$101,920   \$99,420   Master's degree   None   29-1127   Therapists, All Other   76   83   7   9.2   0.9   2   3   1   6   \$78,310   \$77,060   Bachelor's degree   None   29-1131   Veterinarians   134   184   50   37.3   3.2   2   2   5   9   \$127,310   \$128,910   Doctoral or professional degree   None   29-1141   Registered Nurses   10,575   11,145   570   5.4   0.5   290   273   57   620   \$99,020   Master's degree   None   29-1161   Nurse Midwives   68   73   5   7.4   0.7   2   2   0   4   \$85,740   Master's degree   None   29-1161   Nurse Midwives   88   73   5   7.4   0.7   2   2   0   4   \$85,740   Master's degree   None   29-1161   Nurse Midwives   88   73   5   7.4   0.7   2   2   0   4   \$85,740   Master's degree   None   29-1161   Nurse Midwives   88   73   5   7.4   0.7   2   2   0   4   \$85,740   Master's degree   None   29-1161   Nurse Midwives   88   73   5   7.4   0.7   2   2   0   4   \$85,740   Master's degree   None   29-1161   Nurse Midwives   88   73   5   7.4   0.7   2   2   0   4   \$85,740   Master's degree   None   29-1161   Nurse Midwives   88   73   5   7.4   0.7   2   2   0   4   \$85,740   Master's degree   None   29-1161   Nurse Midwives   88   73   5   7.4   0.7   2   2   0   4   \$85,740   Master's degree   None   29-1161   Nurse Midwives   88   73   5   7.4   0.7   2   2   0   4   \$85,740   \$85,740   Master's degree   None   29-1161   Nurse Midwives   20   4   \$85,74												\$114,330	,			None
29-1124         Radiation Therapists         127         135         8         6.3         0.6         2         4         1         7         \$84,503         \$81,230         Associate's degree         None           29-1125         Recreational Therapists         74         78         4         5.4         0.5         2         3         0         5         \$78,630         \$79,250         Bachelor's degree         None           29-1127         Respiratory Therapists         284         347         63         22.2         2.0         7         8         6         21         \$82,240         \$81,470         Associate's degree         None           29-1127         Speech-Language Pathologists         477         679         202         42.4         3.6         14         21         20         55         \$101,929         \$99,420         Master's degree         None           29-1131         Personal Strain Strain         134         184         50         37.3         3.2         2         2         5         9         \$127,310         \$128,910         Doctoral or professional degree         None           29-1131         Veterinarians         13.4         184         50         37.3												400,000	400,000			None None
29-1125         Recreational Therapists         74         78         4         5.4         0.5         2         3         0         5         \$78,630         \$79,250         Bachelor's degree         None           29-1126         Respiratory Therapists         284         347         63         22.2         2.0         7         8         6         21         \$82,940         \$81,470         Associate's degree         None           29-1127         Speech-Language Pathologists         477         679         202         42.4         3.6         1.4         21         20         55         \$101,920         \$89,420         Master's degree         None           29-1129         Therapists, All Other         76         83         7         9.2         0.9         2         3         1         6         \$78,310         \$77,060         Bachelor's degree         None           29-1131         Veterinarians         134         184         50         37.3         3.2         2         2         5         9         \$127,310         \$27,000         Bachelor's degree         None           29-1141         Registered Nurses         10,575         11,145         570         5.4         0.5	29-1124	Radiation Therapists			8			2	4	1	7	001 -00	*			None
29-1127         Speech-Language Pathologists         477         679         202         42.4         3.6         14         21         20         55         \$101,920         \$99,420         Master's degree         None           29-1129         Therapists, All Other         76         83         7         9.2         0.9         2         3         1         6         \$78,310         \$77,060         Bachelor's degree         None           29-1131         Veterinarians         134         184         50         37.3         3.2         2         2         5         9         \$127,310         Doctoral or professional degree         None           29-1141         Registered Nurses         10,575         11,145         570         5.4         0.5         290         273         57         620         \$80,050         \$88,440         Bachelor's degree         None           29-1161         Nurse Midwives         68         73         5         7.4         0.7         2         2         0         4         \$85,740         \$83,010         Master's degree         None	29-1125	Recreational Therapists														None
29-1129     Therapists, All Other     76     83     7     9.2     0.9     2     3     1     6     \$78,310     \$77,060     Bachelor's degree     None       29-1131     Veterinarians     134     184     50     37.3     3.2     2     2     5     9     \$127,310     \$128,910     Doctoral or professional degree     None       29-1141     Registered Nurses     10,575     11,145     570     5.4     0.5     290     273     57     620     \$90,050     \$89,440     Bachelor's degree     None       29-1161     Nurse Midwives     68     73     5     7.4     0.7     2     2     0     4     \$85,740     \$83,010     Master's degree     None																None Internship/residency
29-1131         Veterinarians         134         184         50         37.3         3.2         2         2         5         9         \$127,310         \$128,910         Doctoral or professional degree         None           29-1141         Registered Nurses         10,575         11,145         570         5.4         0.5         290         273         57         620         \$90,050         \$89,440         Bachelor's degree         None           29-1161         Nurse Midwives         68         73         5         7.4         0.7         2         2         0         4         \$85,740         Master's degree         None																None
29-1161 Nurse Midwives 68 73 5 7.4 0.7 2 2 0 4 \$85,740 \$83,010 Master's degree None	29-1131	Veterinarians	134	184	50	37.3	3.2	2	2	5	9	\$127,310	\$128,910	Doctoral or professional degree	None	None
																None
																None None
29-1181 Audiologists 98 111 13 13.3 1.3 2 2 1 1 5 \$\frac{397,650}{2} \frac{\$87,300}{2} Doctoral or professional degree   None																None
29-1211 Anesthesiologists 119 113 -6 -5.0 -0.5 2 1 -1 2 N/A N/A Doctoral or professional degree None																Internship/residency
29-1215 Family Medicine Physicians 238 250 12 5.0 0.5 4 3 1 8 \$174,210 \$162,030 Doctoral or professional degree None 29-1216 General Internal Medicine Physicians 1,635 1,615 -20 -1.2 -0.1 26 18 -2 42 \$208,480 N/A Doctoral or professional degree None																Internship/residency Internship/residency

District of Columbia	
Long-Term Occupational Project	tions

2020 - 2030  Employment   Change in Employment   Annual Openings Due To *   Wages**   Education, Experience, and Training															
		Emplo	yment	Change	Change in Employment			Annual Op	enings Dι	ie To *	Wag	es**	Educat	raining	
Occupational Code	Occupational Title	2020	2030	Numerical	Percent	Percent annual	Annual Exits	Annual Transfers	Annual Change	Total Annual Openings	Annual Mean	Annual Median	Typical Education Needed for Entry	Work Experience in a Related Occupation	Typical On-the-Job Training Needed to Attain Competency
29-1218	Obstetricians and Gynecologists	109	104	-5	-4.6	-0.5	2	1	0	3	\$210,500	\$198,780	Doctoral or professional degree	None	Internship/residency
29-1221	Pediatricians, General	321	331	10	3.1	0.3	5	4	1	10	N/A	N/A	Doctoral or professional degree	None	Internship/residency
29-1223	Psychiatrists	219	238	19	8.7	0.8	4	3	2	9	\$156,890	\$94,250	Doctoral or professional degree	None	Internship/residency
29-1228 29-1248	Physicians, All Other; and Ophthalmologists, Except Pediatric Surgeons, Except Ophthalmologists	2,036 254	2,079 253	43 -1	2.1 -0.4	0.2	33 4	23	4 0	60 7	\$212,890 \$286,160	N/A N/A	Doctoral or professional degree  Doctoral or professional degree	None None	Internship/residency Internship/residency
29-1292	Dental Hygienists	207	255	48	23.2	2.1	8	6	5	19	\$94,650	\$96,790	Associate's degree	None	None None
29-1298	Acupuncturists and Healthcare Diagnosing or Treating Practitioners, All	653	621	-32	-4.9	-0.5	28	10	-3	35	N/A	N/A	Master's degree	None	None
29-2000	Health Technologists and Technicians	6,907	7,484	577	8.4	0.8	200	302	58	560	N/A	N/A			
29-2010	Clinical Laboratory Technologists and Technicians	1,033	1,088	55	5.3	0.5	27	39	6	72	\$66,350	\$63,340	Bachelor's degree	None	None
29-2031 29-2032	Cardiovascular Technologists and Technicians Diagnostic Medical Sonographers	147 138	155 160	8 22	5.4 15.9	0.5 1.5	4	6	2	11 12	\$78,040 \$94,260	\$81,360 \$95,530	Associate's degree Associate's degree	None None	None None
29-2032	Nuclear Medicine Technologists	79	85	6	7.6	0.7	2	4	1	7	\$96,960	\$96,540	Associate's degree	None	None
29-2034	Radiologic Technologists	459	482	23	5.0	0.5	13	20	2	35	\$82,270	\$83,500	Associate's degree	None	None
29-2035	Magnetic Resonance Imaging Technologists	87	91	4	4.6	0.5	2	4	0	6	\$96,100	\$97,520	Associate's degree	Less than 5 years	None
29-2040	Emergency Medical Technicians and Paramedics	574	632	58	10.1	1.0	11	28	6	45	\$47,460	\$41,040	Postsecondary non-degree award	None	None
29-2051 29-2052	Dietetic Technicians Pharmacy Technicians	191 634	195 722	4 88	2.1 13.9	1.3	5 18	8 29	9	13 56	\$32,540 \$46,240	\$30,630 \$45,790	Associate's degree High school diploma or equivalent	None None	None Moderate-term on-the-job training
29-2052	Psychiatric Technicians	373	405	32	8.6	0.8	11	17	3	31	\$53,670	\$55,570	Postsecondary non-degree award	Less than 5 years	Short-term on-the-job training
29-2055	Surgical Technologists	285	302	17	6.0	0.6	8	13	2	23	\$61,620	\$60,670	Postsecondary non-degree award	None	None
29-2056	Veterinary Technologists and Technicians	169	230	61	36.1	3.1	5	9	6	20	\$66,850	\$45,740	Associate's degree	None	None
29-2057	Ophthalmic Medical Technicians	150	165	15	10.0	1.0	4	7	2	13	\$47,930	\$45,340	Postsecondary non-degree award	None	None
29-2061 29-2081	Licensed Practical and Licensed Vocational Nurses Opticians, Dispensing	1,432 58	1,546 74	114 16	8.0 27.6	0.8 2.5	50 3	62	11 2	123 7	\$57,810 \$52,210	\$58,100 \$53,320	Postsecondary non-degree award	None None	None
29-2091	Orthotists and Prosthetists	87	99	12	13.8	1.3	2	4	1	7	N/A	N/A	High school diploma or equivalent Master's degree	None	Long-term on-the-job training Internship/residency
29-2098	Medical Dosimetrists, Medical Records Specialists, and Health Technology	999	1,041	42	4.2	0.4	28	44	4	76	\$60,530	\$57,490	Postsecondary non-degree award	None	None
29-9000	Other Healthcare Practitioners and Technical Occupations	307	350	43	14.0	1.3	9	14	4	27	N/A	N/A	, ,		
29-9091	Athletic Trainers	76	101	25	32.9	2.9	2	4	2	8	\$72,970	\$61,650	Bachelor's degree	None	None
29-9092 29-9098	Genetic Counselors	39 192	49	10	25.6 4.2	2.3 0.4	1	8	1	4 14	\$87,010 \$84,570	\$87,480 \$79,950	Master's degree	None	None
29-9098	Health Information Technologists, Medical Registrars, Surgical Assistan	192	200	8	4.2	0.4	5			14	\$84,570	\$79,950	Postsecondary non-degree award	None	None
31-0000	Healthcare Support Occupations	19,366	23,372	4,006	20.7	1.9	1,291	1,278	401	2,970	\$35,390	\$32,000			
31-1100	Home Health and Personal Care Aides; and Nursing Assistants, Orderlie	15,661	18,980	3,319	21.2	1.9	1,109	981	332	2,422	N/A	N/A			
	Home Health and Personal Care Aides	12,116	15,179	3,063	25.3	2.3	874	773	306	1,953	\$31,810	\$31,280	High school diploma or equivalent	None	Short-term on-the-job training
31-1131 31-1132	Nursing Assistants Orderlies	3,273 160	3,502 167	229 7	7.0 4.4	0.7	217 10	192	23	432 20	\$36,980 \$36,290	\$34,580 \$35,930	Postsecondary non-degree award High school diploma or equivalent	None None	None
31-1132	Psychiatric Aides	112	132	20	17.9	1.7	8	7	2	17	\$37,940	\$32,160	High school diploma or equivalent	None	Short-term on-the-job training Short-term on-the-job training
31-2000	Occupational Therapy and Physical Therapist Assistants and Aides	274	321	47	17.2	1.6	13	22	5	40	N/A	N/A	riigir concor alpienia or equivalent	110110	onor term on the job training
31-2011	Occupational Therapy Assistants	30	34	4	13.3	1.3	2	2	0	4	\$59,610	\$60,800	Associate's degree	None	None
31-2021	Physical Therapist Assistants	157	173	16	10.2	1.0	7	12	2	21	\$43,540	\$40,030	Associate's degree	None	None
31-2022 31-9000	Physical Therapist Aides Other Healthcare Support Occupations	58 3,431	74 4.071	16 640	27.6 18.7	2.5	3 168	5 275	2 64	10 507	\$33,710 N/A	\$32,080 N/A	High school diploma or equivalent	None	Short-term on-the-job training
31-9000	Massage Therapists	128	230	102	79.7	6.0	100	9	10	29	N/A	N/A	Postsecondary non-degree award	None	None
31-9091	Dental Assistants	522	625	103	19.7	1.8	26	40	10	76	\$42,910	\$35,680	Postsecondary non-degree award	None	None
31-9092	Medical Assistants	1,904	2,258	354	18.6	1.7	85	156	35	276	\$45,340	\$45,300	Postsecondary non-degree award	None	None
31-9093	Medical Equipment Preparers	159	168	9	5.7	0.6	9	11	1	21	\$51,260	\$49,520	High school diploma or equivalent	None	Moderate-term on-the-job training
31-9094 31-9095	Medical Transcriptionists Pharmacy Aides	92 69	94 71	2	2.2	0.2	5 4	- 8 - 5	0	13 9	\$35,070 \$46,390	\$30,610 \$46,980	Postsecondary non-degree award High school diploma or equivalent	None None	None Short-term on-the-job training
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	94	123	29	30.9	2.7	5							NOTIC	
31-9097	Phlebotomists	236	270	34				12	3	20	\$38.890	\$37.090		None	Short-term on-the-iob training
31-9099	Healthcare Support Workers, All Other	227			14.4	1.4	11	12 18	3	20 32	\$38,890 \$43,960	\$37,090 \$44,280	High school diploma or equivalent Postsecondary non-degree award	None None	Short-term on-the-job training None
00.0000		221	232	5	14.4 2.2	1.4 0.2									
33-0000	Production Committee Committee		232	5	2.2	0.2	11 13	18 15	0	32 28	\$43,960 \$53,840	\$44,280 \$51,900	Postsecondary non-degree award	None	None
33-1000	Protective Service Occupations Supervisors of Protective Service Workers	29,941	232 33,144	5 3,203	2.2 10.7	0.2 1.0	11 13 1,312	18 15 1,993	3 0 <b>320</b>	32 28 <b>3,625</b>	\$43,960 \$53,840 <b>\$70,360</b>	\$44,280 \$51,900 <b>\$63,350</b>	Postsecondary non-degree award	None	None
33-1000 33-1011	Protective Service Occupations Supervisors of Protective Service Workers First-Line Supervisors of Correctional Officers		232	5	2.2	0.2	11 13	18 15	0	32 28	\$43,960 \$53,840	\$44,280 \$51,900	Postsecondary non-degree award	None	None
	Supervisors of Protective Service Workers First-Line Supervisors of Correctional Officers First-Line Supervisors of Police and Detectives	29,941 2,673 54 1,456	232 33,144 2,838 57 1,492	3,203 165 3 36	2.2 10.7 6.2 5.6 2.5	0.2 1.0 0.6 0.5 0.2	11 13 1,312 75 2 33	18 15 1,993 128 3 60	3 0 <b>320</b> 16	32 28 <b>3,625</b> 219 5 97	\$43,960 \$53,840 <b>\$70,360</b> N/A N/A \$127,690	\$44,280 \$51,900 <b>\$63,350</b> N/A	Postsecondary non-degree award High school diploma or equivalent	None None	None None
33-1011 33-1012 33-1021	Supervisors of Protective Service Workers First-Line Supervisors of Correctional Officers First-Line Supervisors of Police and Detectives First-Line Supervisors of Fire Fighting and Prevention Workers	29,941 2,673 54 1,456 366	232 33,144 2,838 57 1,492 400	5 3,203 165 3 36 34	2.2 10.7 6.2 5.6 2.5 9.3	0.2 1.0 0.6 0.5 0.2 0.9	11 13 1,312 75 2 33 9	18 15 1,993 128 3 60 15	3 0 320 16 0 4 3	32 28 <b>3,625</b> 219 5 97 27	\$43,960 \$53,840 <b>\$70,360</b> N/A N/A \$127,690 N/A	\$44,280 \$51,900 \$63,350 N/A N/A \$116,350 N/A	Postsecondary non-degree award High school diploma or equivalent High school diploma or equivalent High school diploma or equivalent Postsecondary non-degree award	None None Less than 5 years Less than 5 years Less than 5 years	None None None Moderate-term on-the-job training Moderate-term on-the-job training
33-1011 33-1012 33-1021 33-1090	Supervisors of Protective Service Workers First-Line Supervisors of Correctional Officers First-Line Supervisors of Police and Detectives First-Line Supervisors of Fire Fighting and Prevention Workers Miscellaneous First-Line Supervisors, Protective Service Workers	29,941 2,673 54 1,456 366 797	232 33,144 2,838 57 1,492 400 889	5 3,203 165 3 36 34 92	2.2 10.7 6.2 5.6 2.5 9.3 11.5	0.2 1.0 0.6 0.5 0.2 0.9 1.1	11 13 1,312 75 2 33 9	18 15 1,993 128 3 60 15	3 0 320 16 0 4 3	32 28 3,625 219 5 97 27 89	\$43,960 \$53,840 \$70,360 N/A N/A \$127,690 N/A \$67,100	\$44,280 \$51,900 \$63,350 N/A N/A \$116,350 N/A \$65,140	Postsecondary non-degree award High school diploma or equivalent High school diploma or equivalent High school diploma or equivalent	None None Less than 5 years Less than 5 years	None None None Moderate-term on-the-job training
33-1011 33-1012 33-1021 33-1090 33-2000	Supervisors of Protective Service Workers First-Line Supervisors of Correctional Officers First-Line Supervisors of Police and Detectives First-Line Supervisors of Fire Fighting and Prevention Workers Miscellaneous First-Line Supervisors, Protective Service Workers Fire Fighting and Prevention Workers	29,941 2,673 54 1,456 366 797 1,565	232 33,144 2,838 57 1,492 400 889 1,712	5 3,203 165 3 36 34 92 147	2.2 10.7 6.2 5.6 2.5 9.3 11.5 9.4	0.2 1.0 0.6 0.5 0.2 0.9 1.1 0.9	11 13 1,312 75 2 33 9 31 38	18 15 1,993 128 3 60 15 49 84	3 0 320 16 0 4 3 9	32 28 3,625 219 5 97 27 89 137	\$43,960 \$53,840 \$70,360 N/A N/A \$127,690 N/A \$67,100 N/A	\$44,280 \$51,900 \$63,350 N/A N/A \$116,350 N/A \$65,140 N/A	Postsecondary non-degree award High school diploma or equivalent High school diploma or equivalent High school diploma or equivalent Postsecondary non-degree award High school diploma or equivalent	None None Less than 5 years Less than 5 years Less than 5 years Less than 5 years	None None None Moderate-term on-the-job training Moderate-term on-the-job training None
33-1011 33-1012 33-1021 33-1090	Supervisors of Protective Service Workers First-Line Supervisors of Correctional Officers First-Line Supervisors of Police and Detectives First-Line Supervisors of Folice and Detectives First-Line Supervisors of Fire Fighting and Prevention Workers Miscellaneous First-Line Supervisors, Protective Service Workers Fire Fighting and Prevention Workers Firefighters	29,941 2,673 54 1,456 366 797	232 33,144 2,838 57 1,492 400 889	5 3,203 165 3 36 34 92	2.2 10.7 6.2 5.6 2.5 9.3 11.5	0.2 1.0 0.6 0.5 0.2 0.9 1.1	11 13 1,312 75 2 33 9	18 15 1,993 128 3 60 15	3 0 320 16 0 4 3	32 28 3,625 219 5 97 27 89	\$43,960 \$53,840 \$70,360 N/A N/A \$127,690 N/A \$67,100	\$44,280 \$51,900 \$63,350 N/A N/A \$116,350 N/A \$65,140	Postsecondary non-degree award High school diploma or equivalent High school diploma or equivalent High school diploma or equivalent Postsecondary non-degree award High school diploma or equivalent Postsecondary non-degree award	None None Less than 5 years Less than 5 years Less than 5 years	None None None Moderate-term on-the-job training Moderate-term on-the-job training
33-1011 33-1012 33-1021 33-1090 33-2000 33-2011	Supervisors of Protective Service Workers First-Line Supervisors of Correctional Officers First-Line Supervisors of Police and Detectives First-Line Supervisors of Fire Fighting and Prevention Workers Miscellaneous First-Line Supervisors, Protective Service Workers Fire Fighting and Prevention Workers	29,941 2,673 54 1,456 366 797 1,565 1,498 67 11,510	232 33,144 2,838 57 1,492 400 889 1,712 1,635 77 11,626	5 3,203 165 3 36 34 92 147 137 10 116	2.2 10.7 6.2 5.6 2.5 9.3 11.5 9.4 9.2 14.9 1.0	0.2 1.0 0.6 0.5 0.2 0.9 1.1 0.9 0.9 1.4 0.1	11 13 1,312 75 2 33 9 31 38 34	18 15 1,993 128 3 60 15 49 84 81 4	3 0 320 16 0 4 3 9 15 14 1	32 28 3,625 219 5 97 27 89 137 129 9	\$43,960 \$53,840 \$70,360 N/A N/A \$127,690 N/A \$67,100 N/A N/A N/A N/A	\$44,280 \$51,900 \$63,350 N/A N/A \$116,350 N/A \$65,140 N/A N/A	Postsecondary non-degree award High school diploma or equivalent High school diploma or equivalent High school diploma or equivalent Postsecondary non-degree award High school diploma or equivalent	None None Less than 5 years None	None None None Moderate-term on-the-job training None Long-term on-the-job training
33-1011 33-1012 33-1021 33-1090 33-2000 33-2011 33-2021 33-3000 33-3012	Supervisors of Protective Service Workers First-Line Supervisors of Correctional Officers First-Line Supervisors of Police and Detectives First-Line Supervisors of Fire Fighting and Prevention Workers Miscellaneous First-Line Supervisors, Protective Service Workers Fire Fighting and Prevention Workers Fire Fighting and Prevention Workers Firefighters Fire Inspectors and Investigators Law Enforcement Workers Correctional Officers and Jailers	29,941 2,673 54 1,456 366 797 1,565 1,498 67 11,510 942	232 33,144 2,838 57 1,492 400 889 1,712 1,635 77 11,626 931	5 3,203 165 3 36 34 92 147 137 10 116 -11	2.2 10.7 6.2 5.6 2.5 9.3 11.5 9.4 9.2 14.9 1.0 -1.2	0.2 1.0 0.6 0.5 0.2 0.9 1.1 0.9 0.9 1.4 0.1 -0.1	11 13 1,312 75 2 33 9 31 38 34 4 309 35	18 15 1,993 128 3 60 15 49 84 81 4 572 51	3 0 320 16 0 4 3 9 15 14 1 12 -1	32 28 3,625 219 5 97 27 89 137 129 9 883 885	\$43,960 \$53,840 \$70,360 N/A N/A \$127,690 N/A \$67,100 N/A N/A N/A N/A N/A	\$44,280 \$51,900 \$63,350 N/A \$116,350 N/A \$65,140 N/A N/A N/A N/A N/A	Postsecondary non-degree award High school diploma or equivalent Postsecondary non-degree award High school diploma or equivalent Postsecondary non-degree award Postsecondary non-degree award High school diploma or equivalent High school diploma or equivalent	None None Less than 5 years Less than 5 years Less than 5 years Less than 5 years None 5 years or more None	None  None  None  Moderate-term on-the-job training Moderate-term on-the-job training None  Long-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training
33-1011 33-1012 33-1021 33-1090 33-2000 33-2011 33-2021 33-3000 33-3012 33-3021	Supervisors of Protective Service Workers First-Line Supervisors of Correctional Officers First-Line Supervisors of Police and Detectives First-Line Supervisors of Price Fighting and Prevention Workers Miscellaneous First-Line Supervisors, Protective Service Workers Fire Fighting and Prevention Workers Firefighters Fire Inspectors and Investigators Law Enforcement Workers Correctional Officers and Jailers Detectives and Criminal Investigators	29,941 2,673 54 1,456 366 797 1,565 1,498 67 11,510 942 3,962	232 33,144 2,838 57 1,492 400 889 1,712 1,635 77 11,626 931 3,936	5 3,203 165 3 36 34 92 147 137 10 -11 -26	2.2 10.7 6.2 5.6 2.5 9.3 11.5 9.4 9.2 14.9 1.0 -1.2 -0.7	0.2 1.0 0.6 0.5 0.2 0.9 1.1 0.9 0.9 1.4 0.1 -0.1	11 13 1,312 75 2 33 9 31 38 34 4 309 35	18 15 1,993 128 3 60 15 49 84 81 4 572 51 182	3 0 320 16 0 4 3 9 15 14 1 12 -1 -3	32 28 3,625 219 5 97 27 89 137 129 9 893 85 280	\$43,960 \$53,840 \$70,360 N/A \$127,690 N/A \$67,100 N/A N/A N/A N/A N/A	\$44,280 \$51,900 \$63,350 N/A \$116,350 N/A \$65,140 N/A N/A N/A N/A N/A N/A	Postsecondary non-degree award High school diploma or equivalent Postsecondary non-degree award High school diploma or equivalent Postsecondary non-degree award Postsecondary non-degree award High school diploma or equivalent High school diploma or equivalent High school diploma or equivalent	None None Less than 5 years Less than 5 years Less than 5 years Less than 5 years None 5 years or more None Less than 5 years	None None Moderate-term on-the-job training Moderate-term on-the-job training None Long-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training
33-1011 33-1012 33-1021 33-1090 33-2000 33-2011 33-2021 33-3000 33-3012	Supervisors of Protective Service Workers First-Line Supervisors of Correctional Officers First-Line Supervisors of Police and Detectives First-Line Supervisors of Fire Fighting and Prevention Workers Miscellaneous First-Line Supervisors, Protective Service Workers Fire Fighting and Prevention Workers Firefighters Fire Inspectors and Investigators Law Enforcement Workers Correctional Officers and Jailers Detectives and Criminal Investigators Parking Enforcement Workers	29,941 2,673 54 1,456 366 797 1,565 1,498 67 11,510 942	232 33,144 2,838 57 1,492 400 889 1,712 1,635 77 11,626 931	5 3,203 165 3 36 34 92 147 137 10 116 -11 -26 -89	2.2 10.7 6.2 5.6 2.5 9.3 11.5 9.4 9.2 14.9 1.0 -1.2 -0.7 -34.2	0.2 1.0 0.6 0.5 0.2 0.9 1.1 0.9 0.9 1.4 0.1 -0.1 -0.1	11 13 1,312 75 2 33 9 31 38 34 4 309 35 101	18 15 1,993 128 3 60 15 49 84 81 4 572 51 182	3 0 320 16 0 4 3 9 15 14 1 12 -1 -3 -9	32 28 3,625 219 5 97 27 89 137 129 9 883 885	\$43,960 \$53,840 \$70,360 N/A N/A \$127,690 N/A \$67,100 N/A N/A N/A N/A N/A N/A	\$44,280 \$51,900 \$63,350 N/A \$116,350 N/A \$65,140 N/A N/A N/A N/A N/A	Postsecondary non-degree award High school diploma or equivalent Postsecondary non-degree award High school diploma or equivalent Postsecondary non-degree award Postsecondary non-degree award High school diploma or equivalent High school diploma or equivalent	None None Less than 5 years Less than 5 years Less than 5 years Less than 5 years None 5 years or more None	None None None Moderate-term on-the-job training None Long-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training Short-term on-the-job training
33-1011 33-1012 33-1021 33-1090 33-2000 33-2011 33-2021 33-3000 33-3012 33-3021 33-3021	Supervisors of Protective Service Workers First-Line Supervisors of Correctional Officers First-Line Supervisors of Police and Detectives First-Line Supervisors of Price Fighting and Prevention Workers Miscellaneous First-Line Supervisors, Protective Service Workers Fire Fighting and Prevention Workers Firefighters Fire Inspectors and Investigators Law Enforcement Workers Correctional Officers and Jailers Detectives and Criminal Investigators	29,941 2,673 54 1,456 366 797 1,565 1,498 67 11,510 942 3,962 260	232 33,144 2,838 57 1,492 400 889 1,712 1,635 77 11,626 931 3,936 171	5 3,203 165 3 36 34 92 147 137 10 -11 -26	2.2 10.7 6.2 5.6 2.5 9.3 11.5 9.4 9.2 14.9 1.0 -1.2 -0.7	0.2 1.0 0.6 0.5 0.2 0.9 1.1 0.9 0.9 1.4 0.1 -0.1	11 13 1,312 75 2 33 9 31 38 34 4 309 35	18 15 1,993 128 3 60 15 49 84 81 4 572 51 182	3 0 320 16 0 4 3 9 15 14 1 12 -1 -3	32 28 3,625 219 5 97 27 89 137 129 9 893 85 280	\$43,960 \$53,840 \$70,360 N/A \$127,690 N/A \$67,100 N/A N/A N/A N/A N/A	\$44,280 \$51,900 N/A N/A \$116,350 N/A \$65,140 N/A N/A N/A N/A N/A N/A	Postsecondary non-degree award High school diploma or equivalent Postsecondary non-degree award High school diploma or equivalent Postsecondary non-degree award High school diploma or equivalent	None None None Less than 5 years Less than 5 years Less than 5 years Less than 5 years None 5 years or more None Less than 5 years None None	None None Moderate-term on-the-job training Moderate-term on-the-job training None Long-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training
33-1011 33-1012 33-1021 33-1090 33-2000 33-2011 33-2021 33-3000 33-3012 33-3021 33-3041 33-3000 33-9000	Supervisors of Protective Service Workers First-Line Supervisors of Correctional Officers First-Line Supervisors of Police and Detectives First-Line Supervisors of Police and Detectives First-Line Supervisors of Fire Fighting and Prevention Workers Miscellaneous First-Line Supervisors, Protective Service Workers Fire Fighting and Prevention Workers Fire Fighting and Prevention Workers Fire Inspectors and Investigators Law Enforcement Workers Correctional Officers and Jailers Detectives and Criminal Investigators Parking Enforcement Workers Police and Sheriff's Patrol Officers Other Protective Service Workers Private Detectives and Investigators	29,941 2,673 54 1,456 366 797 1,565 1,498 67 11,510 942 3,962 260 6,346 14,193 73	232 33,144 2,838 57 1,492 400 889 1,712 1,625 77 11,626 931 3,936 171 6,588 16,968 84	5 3,203 165 3 36 34 92 147 137 10 116 -11 -26 -89 242 2,775 11	2.2 10.7 6.2 5.6 2.5 9.3 11.5 9.4 9.2 14.9 1.0 -1.2 -0.7 -34.2 3.8	0.2 1.0 0.6 0.5 0.2 0.9 1.1 0.9 0.9 1.4 0.1 -0.1 -0.1 -4.1 0.4 1.8	11 13 1,312 75 2 33 9 31 38 34 4 309 35 101 11 162 890 2	18 15 1,993 128 3 60 15 49 84 81 4 572 51 10 328 1,209 5	3 0 16 0 4 4 3 9 15 14 1 1 12 -1 -3 -9 24 278 1	32 28 3,625 219 5 97 27 89 137 129 9 893 85 280 12 514 2,377 8	\$43,960 \$53,840 \$70,360 N/A N/A \$127,690 N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	\$44,280 \$51,900 \$63,350 N/A N/A \$116,350 N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	Postsecondary non-degree award High school diploma or equivalent Postsecondary non-degree award High school diploma or equivalent Postsecondary non-degree award Postsecondary non-degree award High school diploma or equivalent	None None None Less than 5 years Less than 5 years Less than 5 years Less than 5 years None S years or more None None Less than 5 years	None None Moderate-term on-the-job training Moderate-term on-the-job training None Long-term on-the-job training Moderate-term on-the-job training
33-1011 33-1012 33-1021 33-1090 33-2001 33-2021 33-3001 33-3012 33-3021 33-3041 33-3051 33-9000 33-9021	Supervisors of Protective Service Workers First-Line Supervisors of Correctional Officers First-Line Supervisors of Police and Detectives First-Line Supervisors of Police and Detectives First-Line Supervisors of Fire Fighting and Prevention Workers Miscellaneous First-Line Supervisors, Protective Service Workers Fire Fighting and Prevention Workers Firer Fighting and Prevention Workers Firer Inspectors and Investigators Law Enforcement Workers Correctional Officers and Jailers Detectives and Criminal Investigators Parking Enforcement Workers Police and Sheriff's Patrol Officers Other Protective Service Workers Private Detectives and Investigators Security Guards	29,941 2,673 54 1,456 366 37 1,565 1,498 67 11,510 942 260 6,346 14,193 73 13,381	232  33,144 2,838 57 1,492 400 889 1,712 1,635 77 11,626 931 3,936 171 6,558 16,968 84 16,062	5 3,203 165 3 36 36 34 92 147 137 10 116 -11 -26 -89 242 2,775 11 2,671	2.2 10.7 6.2 5.6 2.5 9.3 11.5 9.4 9.2 14.9 1.0 -1.2 -0.7 -34.2 3.8 19.6 15.1 20.0	0.2 1.0 0.6 0.5 0.2 0.9 1.1 0.9 0.9 1.4 0.1 -0.1 -0.1 -4.1 0.4 1.8 1.8	11 13 1,312 75 2 33 9 31 38 34 4 309 35 101 11 162 890 2	18 15 1,993 128 3 60 15 49 84 81 4 572 51 182 10 328 1,209 5	3 0 16 0 4 3 9 15 14 1 12 -1 -1 -3 -9 24 278 1 267	32 28 3,625 219 5 97 27 89 137 129 9 893 85 280 12 514 2,377 8	\$43,960 \$53,840 \$70,360 N/A N/A \$127,690 N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	\$44,280 \$51,900 N/A N/A \$116,350 N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	Postsecondary non-degree award High school diploma or equivalent Postsecondary non-degree award High school diploma or equivalent Postsecondary non-degree award Postsecondary non-degree award High school diploma or equivalent	None None Less than 5 years None 5 years or more None Less than 5 years None Less than 5 years None Less than 5 years None	None None  Moderate-term on-the-job training Moderate-term on-the-job training None Long-term on-the-job training Moderate-term on-the-job training Short-term on-the-job training Short-term on-the-job training
33-1011 33-1021 33-1021 33-1090 33-2000 33-2011 33-2021 33-3000 33-3012 33-3041 33-3051 33-9021 33-9021	Supervisors of Protective Service Workers First-Line Supervisors of Correctional Officers First-Line Supervisors of Police and Detectives First-Line Supervisors of Police and Detectives First-Line Supervisors of Fire Fighting and Prevention Workers Miscellaneous First-Line Supervisors, Protective Service Workers Fire Fighting and Prevention Workers Fire Fighting and Prevention Workers Fire Inspectors and Investigators Law Enforcement Workers Correctional Officers and Jailers Detectives and Criminal Investigators Parking Enforcement Workers Police and Sheriff's Patrol Officers Other Protective Service Workers Private Detectives and Investigators Security Guards Crossing Guards	29,941 2,673 54 1,456 366 797 1,565 1,498 67 11,510 942 2,60 6,346 14,193 73 13,381	232 33,144 2,838 57 1,492 400 889 1,712 1,635 77 11,626 931 3,936 171 6,588 84 16,052 377	5 3,203 165 3 36 34 92 147 137 10 116 -11 -26 -89 242 2,775 11 2,671 33	2.2 10.7 6.2 5.6 2.5 9.3 11.5 9.4 9.2 14.9 1.0 -1.2 -0.7 -34.2 3.8 19.6 15.1 20.0 9.6	0.2  1.0 0.6 0.5 0.2 0.9 1.1 0.9 0.9 1.4 0.1 -0.1 -0.1 -4.1 0.4 1.8 1.4 1.8 0.9	11 13 1,312 75 2 33 9 31 38 34 4 4 309 35 101 11 162 890 2 77 77 77	18 15 1,993 128 3 60 15 49 84 81 4 572 51 10 328 1,209 5 1,140	3 0 16 0 4 3 3 9 15 14 1 12 -1 -3 -9 24 278 1 267 3	32 28 3,625 219 5 97 27 89 137 129 9 883 85 280 12 514 2,377 8 2,186 74	\$43,960 \$53,840 \$70,360 N/A \$127,690 N/A \$67,100 N/A N/A N/A N/A N/A N/A N/A N/A N/A S79,600 N/A \$39,303 \$39,220	\$44,280 \$51,900 \$63,350 N/A \$116,350 N/A \$116,350 N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	Postsecondary non-degree award High school diploma or equivalent Postsecondary non-degree award High school diploma or equivalent Postsecondary non-degree award Postsecondary non-degree award High school diploma or equivalent Nigh school diploma or equivalent Nigh school diploma or equivalent Nigh school diploma or equivalent No formal educational credential	None None None Less than 5 years None None None None Less than 5 years None None None None None None None None	None None Moderate-term on-the-job training Moderate-term on-the-job training None Long-term on-the-job training Moderate-term on-the-job training Short-term on-the-job training Short-term on-the-job training
33-1011 33-1012 33-1021 33-1020 33-2000 33-2011 33-2021 33-3000 33-3012 33-3021 33-3041 33-9002 33-9021 33-9032 33-9091	Supervisors of Protective Service Workers First-Line Supervisors of Correctional Officers First-Line Supervisors of Police and Detectives First-Line Supervisors of Police and Detectives First-Line Supervisors of Fire Fighting and Prevention Workers Miscellaneous First-Line Supervisors, Protective Service Workers Fire Fighting and Prevention Workers Fire Fighting and Prevention Workers Fire Inspectors and Investigators Law Enforcement Workers Ocrrectional Officers and Jailers Detectives and Criminal Investigators Parking Enforcement Workers Police and Sheriff's Patrol Officers Other Protective Service Workers Private Detectives and Investigators Security Guards Crossing Guards Lifeguards, Ski Patrol, and Other Recreational Protective Service Worker	29,941 2,673 54 1,456 366 797 1,565 1,498 67 11,510 942 3,962 260 6,346 14,193 73 13,381 3444 199	232  33,144 2,838 57 1,492 400 889 1,712 1,626 931 3,936 16,988 16,968 84 16,052 377 240	5 3,203 165 3 36 34 92 147 137 10 116 -11 -26 -89 242 2,775 11 2,671 33 41	2.2 10.7 6.2 5.6 2.5 9.3 11.5 9.4 9.2 14.9 1.0 -1.2 -0.7 -34.2 3.8 19.6 15.1 20.0 9.6 20.6	0.2 1.0 0.6 0.5 0.2 0.9 1.1 0.9 1.4 0.1 -0.1 -4.1 0.4 1.8 1.8 1.9	11 13 1,312 75 2 33 9 31 34 4 309 35 101 11 162 890 2 779 52 30	18 15 1,993 1,28 3 60 15 49 84 81 4 572 51 182 10 328 1,209 5 1,140 19 24	3 0 16 0 4 3 9 15 14 1 12 -1 -1 -2 24 278 1 267 3 4	32 28 3,625 219 5 97 27 89 137 129 9 893 85 280 12 514 2,377 8 2,186 74	\$43,960 \$53,840 \$70,360 N/A N/A \$127,690 N/A N/A N/A N/A N/A N/A N/A N/A N/A S79,600 N/A \$63,030 \$49,130 \$39,220	\$44,280 \$51,900 \$63,350 N/A \$116,350 N/A \$65,140 N/A N/A N/A N/A N/A N/A N/A N/A S77,710 S48,720 \$38,120	Postsecondary non-degree award High school diploma or equivalent Postsecondary non-degree award High school diploma or equivalent Postsecondary non-degree award Postsecondary non-degree award Postsecondary non-degree award High school diploma or equivalent No formal educational credential	None None None Less than 5 years None S years or more None None None Less than 5 years None None None None None None None None	None None None None Moderate-term on-the-job training Moderate-term on-the-job training None Long-term on-the-job training Moderate-term on-the-job training Short-term on-the-job training Short-term on-the-job training Short-term on-the-job training
33-1011 33-1012 33-1021 33-1020 33-2000 33-2011 33-2021 33-3000 33-3012 33-3021 33-3041 33-9002 33-9021 33-9032 33-9091	Supervisors of Protective Service Workers First-Line Supervisors of Correctional Officers First-Line Supervisors of Police and Detectives First-Line Supervisors of Police and Detectives First-Line Supervisors of Fire Fighting and Prevention Workers Miscellaneous First-Line Supervisors, Protective Service Workers Fire Fighting and Prevention Workers Fire Fighting and Prevention Workers Fire Inspectors and Investigators Law Enforcement Workers Ocrrectional Officers and Jailers Detectives and Criminal Investigators Parking Enforcement Workers Police and Sheriff's Patrol Officers Other Protective Service Workers Private Detectives and Investigators Security Guards Crossing Guards Lifeguards, Ski Patrol, and Other Recreational Protective Service Worker	29,941 2,673 54 1,456 366 797 1,565 1,498 67 11,510 942 2,60 6,346 14,193 73 13,381	232 33,144 2,838 57 1,492 400 889 1,712 1,635 77 11,626 931 3,936 171 6,588 84 16,052 377	5 3,203 165 3 36 34 92 147 137 10 116 -11 -26 -89 242 2,775 11 2,671 33	2.2 10.7 6.2 5.6 2.5 9.3 11.5 9.4 9.2 14.9 1.0 -1.2 -0.7 -34.2 3.8 19.6 15.1 20.0 9.6	0.2  1.0 0.6 0.5 0.2 0.9 1.1 0.9 0.9 1.4 0.1 -0.1 -0.1 -4.1 0.4 1.8 1.4 1.8 0.9	11 13 1,312 75 2 33 9 31 38 34 4 4 309 35 101 11 162 890 2 77 77 77	18 15 1,993 128 3 60 15 49 84 81 4 572 51 10 328 1,209 5 1,140	3 0 16 0 4 3 3 9 15 14 1 12 -1 -3 -9 24 278 1 267 3	32 28 3,625 219 5 97 27 89 137 129 9 883 85 280 12 514 2,377 8 2,186 74	\$43,960 \$53,840 \$70,360 N/A \$127,690 N/A \$67,100 N/A N/A N/A N/A N/A N/A N/A N/A N/A S79,600 N/A \$39,303 \$39,220	\$44,280 \$51,900 \$63,350 N/A \$116,350 N/A \$65,140 N/A N/A N/A N/A N/A N/A N/A N/A S77,710 S48,720 \$38,120	Postsecondary non-degree award High school diploma or equivalent Postsecondary non-degree award High school diploma or equivalent Postsecondary non-degree award Postsecondary non-degree award High school diploma or equivalent No formal educational credential No formal educational credential	None None None Less than 5 years None None None None Less than 5 years None None None None None None None None	None None Moderate-term on-the-job training Moderate-term on-the-job training None Long-term on-the-job training Moderate-term on-the-job training Short-term on-the-job training Short-term on-the-job training
33-1011 33-1012 33-1021 33-1020 33-2000 33-2011 33-2021 33-3000 33-3012 33-3021 33-3051 33-9001 33-9092 33-9093 33-9098	Supervisors of Protective Service Workers First-Line Supervisors of Correctional Officers First-Line Supervisors of Police and Detectives First-Line Supervisors of Police and Detectives First-Line Supervisors of Fire Fighting and Prevention Workers Miscellaneous First-Line Supervisors, Protective Service Workers Fire Eighting and Prevention Workers Firefighters Fire Inspectors and Investigators Law Enforcement Workers Correctional Officers and Jailers Detectives and Criminal Investigators Parking Enforcement Workers Police and Sheriff's Patrol Officers Other Protective Service Workers Private Detectives and Investigators Security Guards Crossing Guards Crossing Guards Liteguards, Ski Patrol, and Other Recreational Protective Service Work School Bus Monitors and Protective Service Workers, All Other Food Preparation and Serving Related Occupations	29,941 2,673 54 1,456 366 797 1,565 1,498 67 11,510 942 260 6,346 14,193 73 13,381 344 199 177	232  33,144 2,838 57 1,492 400 889 1,712 1,635 77 11,626 931 3,936 171 6,588 16,968 84 16,052 377 240 192	5 3,203 165 3 36 34 92 147 137 10 116 -11 -26 -99 242 2,775 11 2,671 33 41 15	2.2 10.7 6.2 5.6 9.3 11.5 9.4 9.2 14.9 1.0 -1.2 -0.7 -34.2 3.8 19.6 15.1 20.0 9.6 8.5	0.2  1.0 0.6 0.5 0.2 0.9 1.1 0.9 0.9 1.4 -0.1 -0.1 -4.1 0.4 1.8 0.9 1.9 0.8	111 13 1,312 75 55 2 33 9 31 38 34 4 309 35 101 11 162 890 2 779 52 30 25	18 15 1,993 128 3 60 15 49 84 81 4 572 51 10 328 1,209 5 1,140 19 24	3 0 320 16 0 4 3 9 15 14 1 1 12 278 1 267 3 4 4 2 278 3,155	32 28 3,625 219 5 97 27 89 137 129 9 893 85 280 12 514 2,377 8 2,186 74 58	\$43,960 \$53,840 \$70,360 N/A \$127,690 N/A \$67,100 N/A N/A N/A N/A N/A N/A S63,030 \$49,130 \$49,130 \$59,020	\$44,280 \$51,900 \$63,350 N/A \$116,350 N/A \$65,140 N/A N/A N/A N/A N/A N/A N/A S63,170 \$48,720 \$38,120 \$48,200 \$53,640	Postsecondary non-degree award High school diploma or equivalent Postsecondary non-degree award High school diploma or equivalent Postsecondary non-degree award Postsecondary non-degree award Postsecondary non-degree award High school diploma or equivalent No formal educational credential	None None None Less than 5 years None S years or more None None None Less than 5 years None None None None None None None None	None None None None Moderate-term on-the-job training Moderate-term on-the-job training None Long-term on-the-job training Moderate-term on-the-job training Short-term on-the-job training Short-term on-the-job training Short-term on-the-job training
33-1011 33-1021 33-1021 33-1090 33-2000 33-2011 33-2021 33-3000 33-3012 33-3041 33-3051 33-9001 33-9091 33-9098 35-0000	Supervisors of Protective Service Workers First-Line Supervisors of Correctional Officers First-Line Supervisors of Police and Detectives First-Line Supervisors of Police and Detectives First-Line Supervisors of Prier Fighting and Prevention Workers Miscellaneous First-Line Supervisors, Protective Service Workers Fire Fighting and Prevention Workers Fire Fighting and Prevention Workers Fire Inspectors and Investigators Law Enforcement Workers Correctional Officers and Jailers Detectives and Criminal Investigators Parking Enforcement Workers Police and Sheriff's Patrol Officers Other Protective Service Workers Private Detectives and Investigators Security Guards Crossing Guards Crossing Guards Lifeguards, Ski Patrol, and Other Recreational Protective Service Worker School Bus Monitors and Protective Service Workers, All Other Food Preparation and Serving Related Occupations Supervisors of Food Preparation and Serving Workers	29,941 2,673 54 1,456 366 797 1,565 1,498 67 11,510 942 260 6,346 14,193 73 13,381 344 199 177 35,438 3,005	232  33,144 2,838 57 1,492 400 889 1,712 1,635 77 11,626 931 3,936 171 6,598 84 16,052 377 240 192 66,985 5,882	5 3,203 165 3 36 34 92 147 137 10 116 -11 -26 -89 242 2,775 11 2,671 33 41 15 31,547 2,847	2.2 10.7 6.2 5.6 2.5 9.3 11.5 9.4 9.2 14.9 1.0 -1.2 -0.7 -34.2 38.3 19.6 15.1 20.0 9.6 20.6 8.5 89.0 94.7	0.2  1.0 0.6 0.5 0.2 0.9 1.1 0.9 0.1 1.4 0.1 -0.1 -4.1 0.4 1.8 1.4 1.8 0.9 1.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0	111 133 1,312 75 2 33 38 34 4 309 35 101 111 162 890 2 779 52 30 25 3,640	18 15 1,993 1,28 3 60 15 49 84 81 4 572 51 10 328 1,209 5 1,140 19 24 20 5,149	3 0 0 320 16 0 4 4 3 9 15 14 1 1 12 2 1 278 1 3 4 2 2 3 155 285	32 28 3.625 219 5 97 27 89 137 129 9 883 85 280 12 514 2,377 8 2,186 74 58 47	\$43,960 \$53,840 \$70,360 N/A \$127,690 N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	\$44,280 \$51,900 \$63,350 N/A \$116,350 N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	Postsecondary non-degree award High school diploma or equivalent Postsecondary non-degree award High school diploma or equivalent Postsecondary non-degree award Postsecondary non-degree award High school diploma or equivalent No formal educational credential No formal educational credential High school diploma or equivalent No formal educational credential High school diploma or equivalent No formal educational credential High school diploma or equivalent	None None None Less than 5 years None 5 years or more None None None Less than 5 years None None None None None None None None	None None None None Moderate-term on-the-job training Moderate-term on-the-job training None Long-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training Short-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training Short-term on-the-job training
33-1011 33-1021 33-1021 33-1020 33-2000 33-2001 33-2021 33-3000 33-3021 33-3041 33-3051 33-9001 33-9032 33-9032 33-9038 35-000 35-1000 35-1010	Supervisors of Protective Service Workers First-Line Supervisors of Correctional Officers First-Line Supervisors of Police and Detectives First-Line Supervisors of Police and Detectives First-Line Supervisors of Police and Detectives First-Line Supervisors of Fire Fighting and Prevention Workers Miscellaneous First-Line Supervisors, Protective Service Workers Fire Fighting and Prevention Workers Fire Inspectors and Investigators Law Enforcement Workers Correctional Officers and Jailers Detectives and Criminal Investigators Parking Enforcement Workers Police and Sheriff's Patrol Officers Other Protective Service Workers Private Detectives and Investigators Security Guards Crossing Guards Lifeguards, Ski Patrol, and Other Recreational Protective Service Work School Bus Monitors and Protective Service Workers, All Other Food Preparation and Serving Related Occupations Supervisors of Food Preparation and Serving Workers Chefs and Head Cooks	29,941 2,673 54 1,456 366 366 1,498 67 11,510 260 6,346 14,193 73 13,381 344 199 177 35,438 3,005 771	232  33,144 2,838 57 1,492 400 889 1,712 1,635 77 11,626 931 3,936 171 6,588 16,968 84 16,052 377 240 192 66,985 5,852 1,522	5 3,203 165 3 36 34 92 147 137 10 116 -11 -26 -89 242 2,775 11 2,671 33 41 15 31,547 2,847 751	2.2 10.7 6.2 5.6 2.5 9.3 11.5 9.4 9.2 14.9 1.0 -1.2 -0.7 -34.2 3.8 19.6 15.1 20.0 9.6 8.5 8.6 8.6 9.7 9.8 9.8 9.8 9.8 9.8 9.8 9.8 9.8	0.2  1.0 0.6 0.5 0.2 0.9 1.1 0.9 0.9 1.4 0.1 -0.1 -4.1 0.4 1.8 1.4 1.8 0.9 1.9 0.8 6.6 6.7 7.0	111 13 1,312 75 2 33 9 31 38 4 4 309 35 101 11 162 890 2 779 52 30 25 3640 181	18 15 1,993 128 3 60 15 49 84 84 81 4 572 51 10 328 1,209 5 1,140 20 5 5,149 447	3 0 320 16 0 4 3 3 9 15 14 1 12 -1 -3 -9 24 278 1 267 3 4 2 2 3.155 285 75	32 28 3,625 219 5 97 27 89 137 129 9 893 85 280 12 514 2,377 8 2,186 47 11,944 913 221	\$43,960 \$53,840 \$70,360 N/A N/A \$127,090 N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	\$44,280 \$51,900 \$63,350 N/A \$116,350 N/A \$65,140 N/A N/A N/A N/A N/A N/A S63,170 \$48,720 \$38,120 \$48,200 \$53,640 \$61,140	Postsecondary non-degree award High school diploma or equivalent Postsecondary non-degree award High school diploma or equivalent Postsecondary non-degree award Postsecondary non-degree award High school diploma or equivalent No formal educational credential No formal educational credential High school diploma or equivalent	None None None Less than 5 years Less than 5 years Less than 5 years Less than 5 years None S years or more None None Less than 5 years None None None None None None None None	None None None Moderate-term on-the-job training Moderate-term on-the-job training None Long-term on-the-job training Moderate-term on-the-job training Short-term on-the-job training
33-1011 33-1021 33-1021 33-1020 33-2000 33-2001 33-2021 33-3000 33-3021 33-3041 33-3051 33-9001 33-9032 33-9032 33-9038 35-000 35-1000 35-1010	Supervisors of Protective Service Workers First-Line Supervisors of Correctional Officers First-Line Supervisors of Police and Detectives First-Line Supervisors of Police and Detectives First-Line Supervisors of Police and Detectives First-Line Supervisors of Fire Fighting and Prevention Workers Miscellaneous First-Line Supervisors, Protective Service Workers Fire Fighting and Prevention Workers Fire Inspectors and Investigators Law Enforcement Workers Correctional Officers and Jailers Detectives and Criminal Investigators Parking Enforcement Workers Police and Sheriff's Patrol Officers Other Protective Service Workers Private Detectives and Investigators Security Guards Crossing Guards Lifeguards, Ski Patrol, and Other Recreational Protective Service Worker School Bus Monitors and Protective Service Workers Food Preparation and Serving Related Occupations Supervisors of Food Preparation and Serving Workers Chefs and Head Cooks	29,941 2,673 54 1,456 366 797 1,565 1,498 67 11,510 942 260 6,346 14,193 73 13,381 344 199 177 35,438 3,005	232  33,144 2,838 57 1,492 400 889 1,712 1,635 77 11,626 931 3,936 171 6,598 84 16,052 377 240 192 66,985 5,882	5 3,203 165 3 36 34 92 147 137 10 116 -11 -26 -89 242 2,775 11 2,671 33 41 15 31,547 2,847	2.2 10.7 6.2 5.6 2.5 9.3 11.5 9.4 9.2 14.9 1.0 -1.2 -0.7 -34.2 38.3 19.6 15.1 20.0 9.6 20.6 8.5 89.0 94.7	0.2  1.0 0.6 0.5 0.2 0.9 1.1 0.9 0.1 1.4 0.1 -0.1 -4.1 0.4 1.8 1.4 1.8 0.9 1.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0	111 133 1,312 75 2 33 38 34 4 309 35 101 111 162 890 2 779 52 30 25 3,640	18 15 1,993 1,28 3 60 15 49 84 81 4 572 51 10 328 1,209 5 1,140 19 24 20 5,149	3 0 0 320 16 0 4 4 3 9 15 14 1 1 12 2 1 278 1 3 4 2 2 3 155 285	32 28 3.625 219 5 97 27 89 137 129 9 883 85 280 12 514 2,377 8 2,186 74 58 47	\$43,960 \$53,840 \$70,360 N/A \$127,690 N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	\$44,280 \$51,900 \$63,350 N/A \$116,350 N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	Postsecondary non-degree award High school diploma or equivalent Postsecondary non-degree award High school diploma or equivalent Postsecondary non-degree award Postsecondary non-degree award High school diploma or equivalent No formal educational credential No formal educational credential High school diploma or equivalent	None None None Less than 5 years Less than 5 years Less than 5 years Less than 5 years None S years or more None None Less than 5 years None None None None None None None None	None None None None Moderate-term on-the-job training Moderate-term on-the-job training None Long-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training Short-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training Short-term on-the-job training

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l ong-Term	Occur	ational	Projections	

20	20	- 20:	30

18-201   Costs - patients and defenders   18-20   Costs - patients and defenders and accordance accordance and accordance accordance and accordance acco		
Sect   Code	Training	
No.   Control   No.   Control   No.   Control   Contro	Typical On-the-Job Training	
18-90   Cont. hermitian subformers	Needed to Attain Competency	
Section   Column	• •	
Section   Company   Comp	Short-term on-the-job training	
Section   Sect	Noderate-term on-the-job training	
25.000   1.000	Short-term on-the-job training	
2-921   Food Programmer Very Notes   2,425   3,000   1,500   C22   C3   200   201   C27   Gall St. 200   C2 10   Natural excellence received by the Programmer   1,500   C22   C23	Moderate-term on-the-job training	
Section   Sect	Short-term on-the-job training	
2007   Post Food and London Workson   Co.00   10   10   10   10   10   10   10		
Secondary   Company   Co	Short-term on-the-job training	
Section   Proceedings   Procedings   Proceedings   Procedings   Proceedings   Procee	Short-term on-the-job training	
Section   Proceedings   Section   Proceedings   Section   Sectio	Short-term on-the-job training	
2011   Dring Room and Coffeen Annexes and Bettered Histores   2,044   3,078   1900   1901   1901   201   279   771   191   277   270   337.00   191	Short-term on-the-job training	
5-607   Daniel Montane   1-508   1-508   1-737   1-777   1-7	Short-term on-the-iob training	
15-001  Notice and Information Configuration   12-00   17-05   17-05   17-05   17-05   18-05	Short-term on-the-job training	
Property	Short-term on-the-job training	
27:103   Supervision of Biguing and Develop General Notes (1992)   522   528   57   77   179   52   52   52   50   50   77   77   179   52   52   52   50   50   50   50   50	nort torm on the job training	
37-101   First Law Supervisor of Hospital Service and Characterists   1,607   1,677   1,78		
37-1012   First-Line Supervisor of Landscaperty, Land Service, and Counted Waters   1.0011		
22-202    Substant Chements part Pent Cortent Number   19-205    24-202		
37-2011   January and Charles (Except Ments and Housekeeping Chemen   12-710   14-452   17-72   13-7   13-5   14-5   13-7   13-5   14-5   13-7   13-5   14-5   13-7   13-5   13	ione	
37-2012   Marking Cleaning Workshop   4-84   3-85   47   7-10   1-85	Short torm on the leb testal	
37-2019   Building Central Workers   348   355   47   135   13   22   28   5   5   5   5   5   5   5   5   5	Short-term on-the-job training Short-term on-the-job training	
37-2021   Peter Country Winterns   36   38   2   5.6   1   4   0   5   \$44.00   \$41.00   \$4	Short-term on-the-job training	
37-3011   Control Mantement Workers	Moderate-term on-the-job training	
27.5011   Landscapering and Goundalescents (Workers   41.500   57.7   128   15.1   1.4   39   78   13   130   \$51.000   \$50.	,	
39-1000   Supervisors of Personal Circe and Service Workers   473   641   1898   85.6   31.20   39   17   76   N/A   N/A	Short-term on-the-job training	
39-1000   Supervisors of Personal Circe and Service Workers   473   641   1898   85.6   31.20   39   17   76   N/A   N/A		
39-1008   First Line Supervisors of Personal Service & Entertainment and Rocces   351   514   472   519, 27   53   540   519, 500   Figh school diploma or equivalent   Insert Works   361   514   519, 519, 519, 519, 519, 519, 519, 519,		
39-2001   Normal Care and Service Workers   381   814   423   1(8), 2   7,6   37   43   41   115   5   5   5   5   5   5   5   5		
39-900   Norfam Animal Caretakers   371   783   412   111,1   7.8   37   48   41   128   \$8.86.01   \$8.600   \$1.864   \$1.964   \$1.964   \$1.964   \$7.800   \$1.964   \$7.800   \$1.964   \$7.800   \$1.964   \$7.800   \$1.964   \$7.800   \$1.964   \$7.800   \$1.964   \$7.800   \$1.964   \$7.800   \$1.964   \$7.800   \$1.964   \$7.800   \$1.964   \$7.800   \$1.964   \$7.800   \$1.964   \$1.960   \$1.964   \$1.960   \$1.964   \$1.960   \$1.964   \$1.960   \$1.964   \$1.960   \$1.964   \$1.960   \$1	ione	
39-300  Entertament Attendants and Teleptor Tarbers	hort torm on the job training	
39-3931   Ushers, Lobby Attendants, and Ticket Takens	Short-term on-the-job training	
39-3091 Amusement and Recreation Attendants 32 61 29 90.6 67 4 5 5 3 12 943-50 946.50 94 600 94 pinch of dippin on equivalent None Short-tern (Costume Attendants) 32 61 29 90.6 67 4 5 5 3 12 943-50 946.50 946.50 94 pinch of dippin on equivalent None Short-tern (Costume Attendants) 39 40 10 25 6 23 2 3 1 1 6 NA NA High school dippin or equivalent None Short-tern (Costume Attendants) 39 40 10 25 6 23 2 3 1 1 6 NA NA High school dippin or equivalent None Short-tern (Costume Attendants) 39 40 10 25 6 23 2 3 1 1 6 NA NA High school dippin or equivalent None Short-tern (Costume Attendants) 39 40 10 25 6 23 2 3 1 1 6 NA NA High school diploma or equivalent None Short-tern (Costume Attendants) 39 40 10 25 6 23 2 2 3 1 1 6 NA NA High school diploma or equivalent None Short-tern (Costume Attendants) 39 40 10 25 6 23 2 2 3 1 1 6 NA NA High school diploma or equivalent None Short-tern (Costume Attendants) 39 40 10 25 6 20 20 20 20 20 20 20 20 20 20 20 20 20	Short-term on-the-iob training	
39-000   Purenal Attendances   65   84   19   29.2   2.6   4   6   2   12   N/A   N/A	Short-term on-the-job training	
39-4021   Funeral Altendants   39   49   10   25.6   2.3   2   3   1   6   N/A   N/A   High school diploma or equivalent. None   Short-tern   39-5011   Barbers   9.0   166   76   64.4   6.3   5   7   8   20   \$52,030   \$50,640   Postsecondary non-degree award. None   None   39-5011   Hardward Performance   48   53   5   10.4   10.3   3   3   0   6   \$110,850   \$102,270   Postsecondary non-degree award. None	Short-term on-the-job training	
Personal Appearance Workers		
39-5011   Barbers   90   166   76   84.4   6.3   5   7   8   20   \$32,030   \$30,840   Postsecondary non-degree award   None   None   39-5001   Makeup Artists, Theatrical and Performance   48   53   5   10.4   1.0   3   3   0   6   811,0850   \$10,2870   Postsecondary non-degree award   None   None   39-5001   Makeup Artists, Theatrical and Performance   48   53   5   10.4   1.0   3   3   0   6   811,0850   \$10,2870   Postsecondary non-degree award   None   None   39-5003   Mancurists and Performance   48   53   5   10.4   1.0   3   3   0   6   811,0850   \$10,2870   Postsecondary non-degree award   None   None   39-5003   Sharppoors   79   143   64   81.0   61   6   6   6   6   8   N/A	Short-term on-the-job training	
39-5012   Hairdressers, Hairsfylists, and Consentologists		
39-5091   Maleup Artists, Theatrical and Performance		
39-5092   Manicurists and Pedicurists   92   180   88   95.7   6.9   7   7   9   23   NA   NA   No formation of long region award   None   None   39-5094   Skinzer Specialists   133   239   106   79.7   6.0   10   10   11   31   \$51,660   \$43,320   Postsecondary non-degree award   None   None   None   39-6091   8agase Porters, Bellhops, and Concierges   1,881   2,961   1,070   569   4.6   125   185   107   417   NA   NA   NA   NA   NA   NA   NA   N		
39-5093   Shampoers		
39-5094   Skincare Specialists   133   239   106   79.7   6.0   10   11   31   351,660   543,30   Postsecondary non-degree award   None   None   39-6001   Baggape Porters and Bellinops   501   862   361   72.1   5.6   35   52   36   123   357,830   533,440   High school diploma or equivalent   None   Moderate   39-6012   Conciences   1.380   2.089   709   514   4.2   90   133   71   294   535,880   533,400   High school diploma or equivalent   None   Moderate   39-7000   Tour and Travel Guides   85   102   17   20.0   1.8   6   9   2   17   N/A	Short-term on-the-job training	
39-6000   Baggage Poters, Bellhops, and Concierges   1.881   2.951   1.070   56.9   4.6   125   185   107   417   NA   NA		
39-9001   Tour and Travel Guides   1,380   2,089   709   514   42   90   133   71   294   \$35,950   \$33,050   High school diploma or equivalent   None   Moderate   39-900   Tour and Travel Guides   85   102   17   200   1,8   6   9   2   17   \$47,680   \$43,210   High school diploma or equivalent   None   Moderate   39-9000   Other Personal Care and Service Workers   5,984   7,037   1,053   17.6   1.6   408   520   105   1,033   NA   NA   NA   NA   NA   NA   NA		
39-7000   Tour and Travel Guides	Short-term on-the-job training	
39-7010   Tour and Travel Guides	Moderate-term on-the-job training	
39-9000   Other Personal Care and Service Workers   5,994   7,037   1,053   17,6   1,6   408   520   105   1,033   N/A   N/A   N/A   S37,760   532,3750   535,5610   High school diploma or equivalent   None   Short-terr   39-9031   Fitness Trainers and Aerobics Instructors   1,085   1,674   589   54.3   4.4   81   131   59   271   \$57,790   \$52,220   High school diploma or equivalent   None   Short-terr   39-9032   Recreation Workers   576   678   102   17.7   1.6   37   60   10   107   \$51,220   \$48,210   High school diploma or equivalent   None   Short-terr   39-9041   Residential Advisors   576   678   102   17.7   1.6   37   66   8   111   \$38,810   \$33,810   \$32,850   High school diploma or equivalent   None   Short-terr   39-9098   Crematory Operators and Personal Care and Service Workers, All Othe   35   42   7   20.0   1.8   2   3   1   6   N/A   N/A   High school diploma or equivalent   None   Short-terr   39-9098   Crematory Operators and Personal Care and Service Workers, All Othe   35   42   7   20.0   1.8   2   3   1   6   N/A   N/A   High school diploma or equivalent   None   Short-terr   39-9098   Crematory Operators and Personal Care and Service Workers, All Othe   35   42   7   20.0   1.8   2   3   1   6   N/A   N/A   High school diploma or equivalent   None   Short-terr   39-9098   Crematory Operators and Personal Care and Service Workers, All Othe   25,435   29,764   4,329   17.0   1.6   1,420   2,202   433   4,055   589,790   339,000    41-1010   Supervisors of Sales Workers   2,265   2,670   405   17.9   1.7   8.4   166   40   2.90   N/A   N/A   4   4   4   4   4   4   4   4   4		
39-9011   Childcare Workers   3,592   3,888   276   7.7   0.7   251   261   28   540   \$37,760   \$35,610   High school diploma or equivalent   None   Short-terr   39-9032   Recreation Workers   576   678   102   17.7   1.6   37   60   10   107   \$51,220   High school diploma or equivalent   None   Short-terr   39-9032   Recreation Workers   576   678   102   17.7   1.6   37   60   10   107   \$51,220   S48,210   High school diploma or equivalent   None   Short-terr   39-9041   Residential Advisors   696   775   79   11.4   1.1   37   66   8   111   \$38,810   \$32,820   S48,210   High school diploma or equivalent   None   Short-terr   39-9098   Crematory Operators and Personal Care and Service Workers, All Othe   35   42   7   20.0   1.8   2   3   1   6   NA   N/A	Moderate-term on-the-job training	
39-9031   Fitness Trainers and Aerobics Instructors	Short-term on-the-job training	
39-9032   Recreation Workers   576   678   102   17.7   1.6   37   60   10   107   \$51,220   \$48,210   High school diploma or equivalent. None   Short-terr   39-904   Short-terr   39-904   Short-terr   39-904   Short-terr   39-905   Crematory Operators and Personal Care and Service Workers, All Othe   35   42   7   20.0   1.8   2   3   1   6   N/A   N/A   High school diploma or equivalent. None   Short-terr   39-908   Crematory Operators and Personal Care and Service Workers, All Othe   35   42   7   20.0   1.8   2   3   1   6   N/A   N/A   High school diploma or equivalent. None   Short-terr   39-908   Sales and Related Occupations   25,435   29,764   4,329   17.0   1.6   1,420   2,202   433   4,055   \$58,790   \$39,000	Short-term on-the-job training	
39-9041   Residential Advisors   696   775   79   11.4   1.1   37   66   8   111   \$38,810   \$32,850   High school diploma or equivalent. None   Short-tern   39-9098   Crematory Operators and Personal Care and Service Workers, All Othe   35   42   7   20.0   1.8   2   3   1   6   N/A   N/A   High school diploma or equivalent. None   Short-tern   1.000   Sales and Related Occupations   25,435   29,764   4,329   17.0   1.6   1,420   2,202   433   4,055   58,790   \$39,000     41-1000   Supervisors of Sales Workers   2,265   2,670   405   17.9   1.7   84   166   40   2.90   N/A	Short-term on-the-job training	
39-9998   Crematory Operators and Personal Care and Service Workers, All Othe   35   42   7   20.0   1.8   2   3   1   6   N/A   N/A   High school diploma or equivalent   None   Short-terr	Short-term on-the-job training	
41-1000 Supervisors of Sales Workers 2,265 2,670 405 17,9 1,7 84 166 40 290 N/A N/A 141-1011 First-Line Supervisors of Retail Sales Workers 1,718 2,097 379 22.1 2.0 67 132 38 237 \$58,890 \$48,530 High school diploma or equivalent Less than 5 years None 41-1012 First-Line Supervisors of Non-Retail Sales Workers 547 573 26 4.8 0.5 16 33 3 52 \$101,230 \$82,330 High school diploma or equivalent Less than 5 years None 41-2000 Retail Sales Workers 12,556 15,367 2,811 22.4 2.0 987 1,238 281 2,506 N/A N/A 14-2011 Cashiers 6,669 8,213 1,544 23.2 2.1 633 712 154 1,499 \$32,940 \$31,580 No formal educational credential None Short-terr 41-2021 Counter and Rental Clerks 854 962 108 12.7 1.2 41 62 11 114 \$40,650 \$39,580 No formal educational credential None Short-terr 41-2022 Parts Salespersons 69 72 3 4.4 0.4 3 5 0 8 \$37,350 \$32,640 No formal educational credential None Moderate 41-2001 Retail Salespersons 4,964 6,120 1,156 23.3 2.1 310 458 116 884 \$37,680 \$32,247 No formal educational credential None Moderate 41-3001 Sales Representatives, Services 5,889 6,665 776 13.2 1.2 170 497 78 745 N/A N/A N/A N/A Sales Representatives, Services 1,487 534 47 9.7 0.9 17 29 5 5 51 \$101,790 \$78,470 High school diploma or equivalent None Moderate 41-3031 Securities, Commodities, and Financial Services Sales Agents 1,444 1,521 77 5.3 0.5 33 93 8 134 \$113,480 \$79,830 High school diploma or equivalent None Moderate 41-3031 Taylor Agents	Short-term on-the-job training	
41-1000 Supervisors of Sales Workers 2,265 2,670 405 17,9 1,7 84 166 40 290 N/A N/A 141-1011 First-Line Supervisors of Retail Sales Workers 1,718 2,097 379 22.1 2.0 67 132 38 237 \$58,890 \$48,530 High school diploma or equivalent Less than 5 years None 41-1012 First-Line Supervisors of Non-Retail Sales Workers 547 573 26 4.8 0.5 16 33 3 52 \$101,230 \$82,330 High school diploma or equivalent Less than 5 years None 41-2000 Retail Sales Workers 12,556 15,367 2,811 22.4 2.0 987 1,238 281 2,506 N/A N/A 14-2011 Cashiers 6,669 8,213 1,544 23.2 2.1 633 712 154 1,499 \$32,940 \$31,580 No formal educational credential None Short-terr 41-2021 Counter and Rental Clerks 854 962 108 12.7 1.2 41 62 11 114 \$40,650 \$39,580 No formal educational credential None Short-terr 41-2022 Parts Salespersons 69 72 3 4.4 0.4 3 5 0 8 \$37,350 \$32,640 No formal educational credential None Moderate 41-2001 Retail Salespersons 4,964 6,120 1,156 23.3 2.1 310 458 116 884 \$37,680 \$32,247 No formal educational credential None Moderate 41-3001 Sales Representatives, Services 5,889 6,665 776 13.2 1.2 170 497 78 745 N/A N/A N/A N/A Sales Representatives, Services 1,487 534 47 9.7 0.9 17 29 5 5 51 \$101,790 \$78,470 High school diploma or equivalent None Moderate 41-3031 Securities, Commodities, and Financial Services Sales Agents 1,444 1,521 77 5.3 0.5 33 93 8 134 \$113,480 \$79,830 High school diploma or equivalent None Moderate 41-3031 Taylor Agents		
41-1011   First-Line Supervisors of Retail Sales Workers		
41-1012         First-Line Supervisors of Non-Retail Sales Workers         547         573         26         4.8         0.5         16         33         3         52         \$101,230         \$82,330         High school diploma or equivalent         Less than 5 years         None           41-2001         Cashiers         12,556         15,367         2,811         22.4         2.0         987         1,238         281         2,506         N/A		
41-2001   Retail Sales Workers   12,556   15,367   2,811   22.4   2.0   987   1,238   281   2,506   N/A		
41-2011         Cashiers         6,669         8,213         1,544         23.2         2.1         633         712         154         1,499         \$32,940         \$31,580         No formal educational credential         None         Short-terr           41-2021         Counter and Rental Clerks         854         962         108         12.7         1.2         41         62         11         114         \$40,650         \$39,580         No formal educational credential         None         Short-terr           41-2021         Parts Salespersons         69         72         3         4.4         0.4         3         5         0         8         \$37,350         82,640         No formal educational credential         None         Short-terr           41-2031         Retail Salespersons         4,964         6,120         1,156         23.3         2.1         310         458         116         884         \$37,680         \$32,470         No formal educational credential         None         Moderate           41-3001         Retail Salespersons         4,964         6,120         1,156         23.3         2.1         310         458         116         84         \$37,680         \$32,470         No formal educational credential	OTIC	
41-2021         Counter and Rental Clerks         854         962         108         12.7         1.2         41         62         11         11.4         \$40,650         \$39,580         No formal educational credential         None         Short-terr           41-2022         Parts Salespersons         69         72         3         4.4         0.4         3         5         0         8         \$37,500         \$32,400         No formal educational credential         None         Short-terr           41-2031         Retail Salespersons         4,964         6,120         1,156         23.3         2.1         310         458         116         84         \$37,600         \$32,470         No formal educational credential         None         Short-terr           41-3001         Retail Salespersons         4,964         6,120         1,156         23.3         2.1         310         458         116         84         \$37,600         \$32,470         No formal educational credential         None         Moderate           41-3010         Sales Representatives, Services         5,889         6,665         776         13.2         1.2         170         497         78         745         N/A         N/A         N/A         N/A	Short-term on-the-iob training	
41-2022         Parts Salespersons         69         72         3         4.4         0.4         3         5         0         8         \$37,350         \$32,640         No formal educational credential         None         Moderate           41-2031         Retail Salespersons         4,964         6,120         1,156         23.3         2.1         310         458         116         884         \$37,680         \$32,470         No formal educational credential         None         Short-terr           41-3000         Sales Representatives, Services         5,889         6,665         776         13.2         1.2         170         497         78         745         N/A         N/A           41-3011         Advertising Sales Agents         944         928         -16         -1.7         -0.2         28         87         -2         113         \$81,390         \$56,800         High school diploma or equivalent         None         Moderate           41-3021         Insurance Sales Agents         497         534         47         9.7         0.9         17         29         5         51         \$101,790         \$78,470         High school diploma or equivalent         None         Moderate           41-3031 <t< td=""><td>Short-term on-the-job training</td></t<>	Short-term on-the-job training	
41-2031         Retail Salespersons         4,964         6,120         1,156         23.3         2.1         310         458         116         884         \$37,680         \$32,470         No formal educational credential         None         Short-terr           41-3000         Sales Representatives, Services         5,889         6,665         776         13.2         1.2         170         497         78         745         N/A         N/A <td>Moderate-term on-the-job training</td>	Moderate-term on-the-job training	
41-3011 Advertising Sales Agents 944 928 -16 -1.7 -0.2 28 87 -2 113 \$81,390 \$56,800 High school diploma or equivalent None Moderate 41-3021 Insurance Sales Agents 487 534 47 9.7 0.9 17 29 5 51 \$101,790 \$78,470 High school diploma or equivalent None Moderate 41-3031 Securities, Commodities, and Financial Services Sales Agents 1,444 1,521 77 5.3 0.5 33 93 8 134 \$113,480 \$79,830 Bachelor's degree None Moderate 41-3041 Travel Agents 287 312 25 8.7 0.8 15 20 2 37 \$54,470 \$51,390 High school diploma or equivalent None Moderate None Moderate 41-3041 Travel Agents	Short-term on-the-job training	
41-3021     Insurance Sales Agents     487     534     47     9.7     0.9     17     29     5     51     \$1017,790     \$78,470     High school diploma or equivalent     None     Moderate       41-3041     Travel Agents     287     312     25     8.7     0.8     15     20     2     37     \$54,470     \$139,800     \$82,900     Bachelor's degree     None     Moderate       41-3041     Travel Agents     287     312     25     8.7     0.8     15     20     2     37     \$54,470     \$1,390     High school diploma or equivalent     None     Moderate		
41-3031 Securities, Commodities, and Financial Services Sales Agents 1,444 1,521 77 5.3 0.5 33 93 8 134 \$113,480 \$79,830 Bachelor's degree None Moderate 41-3041 Travel Agents 287 312 25 8.7 0.8 15 20 2 37 \$54,470 \$51,390 High school diploma or equivalent None Moderate	Moderate-term on-the-job training	
41-3041 Travel Agents 287 312 25 8.7 0.8 15 20 2 37 \$54,470 \$51,390 High school diploma or equivalent None Moderate	Moderate-term on-the-job training	
	Moderate-term on-the-job training Moderate-term on-the-job training	
	Moderate-term on-the-job training	
41-3091   Sales Representatives (Wholesale and Manufacturing   1,765   1,921   156   8.8   0.9   54   125   16   195   N/A   N/A	issistate term on-the-job trailling	
	Moderate-term on-the-job training	
	Moderate-term on-the-job training	
41-9000 Other Sales and Related Workers 2,960 3,141 181 6.1 0.6 126 177 18 321 N/A N/A		
41-9011 Demonstrators and Product Promoters 176 215 39 22.2 2.0 22 13 4 39 \$47,670 \$37,250 No formal educational credential None Short-term	Short-term on-the-job training	

District of Columbia	
Long-Term Occupational Projections	
2020 - 2030	

••••	Occup	ationai i	
	2020	2020	

						2	020 - 203	0							
		Emplo	yment	Change	in Emplo	yment		Annual Op	enings Du	ıe To *	Wag	jes**	Educa	tion, Experience, and	Training
Occupational	Occupational Title					Percent	Annual	Annual	Annual	Total Annual	Annual	Annual	Typical Education Needed for	Work Experience in	Typical On the Job Training
Code	Occupational File	2020	2030	Numerical	Percent	annual	Exits	Transfers	Change	Openings	Mean	Median	Typical Education Needed for Entry	a Related	Typical On-the-Job Training Needed to Attain Competency
						aiiiiuai	EXILS	Hallsters	Change	Openings	Weari	Wedian	Entry	Occupation	Needed to Attain Competency
41-9021	Real Estate Brokers	352	371	19	5.4	0.5	15	16	2	33	\$112,550	\$114,260	High school diploma or equivalent	Less than 5 years	None
41-9022	Real Estate Sales Agents	1,473	1,500	27	1.8	0.2	62	65	3	130	\$64,420	\$49,490	High school diploma or equivalent	None	Moderate-term on-the-job training
41-9031	Sales Engineers	731	816	85	11.6	1.1	15	64	8	87	\$136,960	\$147,440	Bachelor's degree	None	Moderate-term on-the-job training
41-9041	Telemarketers	76	69	-7	-9.2	-1.0	3	7	-1	9	N/A	N/A	No formal educational credential	None	Short-term on-the-job training
41-9091	Door-to-Door Sales Workers, News and Street Vendors, and Related W.	49	32	-17	-34.7	-4.2	3	2	-2	3	N/A	N/A	No formal educational credential	None	Short-term on-the-job training
41-9099	Sales and Related Workers, All Other	103	138	35	34.0	3.0	6	10	4	20	N/A	N/A	High school diploma or equivalent	None	None
43-0000	Office and Administrative Support Occupations	70,993	69,093	-1,900	-2.7	-0.3	3,420	4,309	-190	7,539	\$55,900	\$51,270			
43-1000	Supervisors of Office and Administrative Support Workers	4,014	4,084	70	1.7	0.2	150	247	7	404	N/A	N/A			
	First-Line Supervisors of Office and Administrative Support Workers	4,014	4,084	70	1.7	0.2	150	247	7	404	\$83,260	\$77,960	High school diploma or equivalent	Less than 5 years	None
43-2000	Communications Equipment Operators	657	525	-132	-20.1	-2.2	30	39	-13	56	N/A	N/A	I Patricial and Patrician and Patrician	Next	01
43-2011	Switchboard Operators, Including Answering Service	160	137	-23	-14.4	-1.5	8	9	-2	15	\$46,880	\$44,760	High school diploma or equivalent	None	Short-term on-the-job training
43-2021	Telephone Operators	493	384	-109	-22.1	-2.5	22	30	-11	41	\$45,770	\$45,070	High school diploma or equivalent	None	Short-term on-the-job training
43-3000 43-3011	Financial Clerks Bill and Account Collectors	5,417 256	5,352 247	-65 -9	-1.2 -3.5	-0.1 -0.4	266 9	304 18	-6 -1	564 26	N/A \$70,560	N/A \$72,630	High school diplome or equivalent	None	Moderate-term on-the-iob training
43-3011	Billing and Posting Clerks	838	849	-9 11	1.3	0.1	35	52	1	88	\$63,980	\$62,100	High school diploma or equivalent High school diploma or equivalent	None	
43-3021		2,796	2,916	120	4.3	0.1	167	146	12	325	\$57,950	\$57,240		None	Moderate-term on-the-job training  Moderate-term on-the-job training
	Bookkeeping, Accounting, and Auditing Clerks					-1.0	14						Some college, no degree		
43-3051 43-3061	Payroll and Timekeeping Clerks Procurement Clerks	301 360	272 351	-29 -9	-9.6 -2.5	-0.3	10	16 22	-3 -1	27 31	\$64,050 \$60,520	\$63,090 \$58,290	High school diploma or equivalent High school diploma or equivalent	None None	Moderate-term on-the-job training  Moderate-term on-the-job training
43-3061	Tellers	799	644	-9 -155	-2.5	-0.3	29	45	-16	58	\$38,060		High school diploma or equivalent	None	Short-term on-the-job training
43-3071	Financial Clerks, All Other	799 67	73	-155	9.0	0.9	29	45 5	-16	8	\$53,670	\$56,940	High school diploma or equivalent	None	Short-term on-the-job training Short-term on-the-job training
43-4000	Information and Record Clerks	17,544	18,525	981	5.6	0.5	876	1,323	98	2,297	N/A	\$36,940 N/A	riigii soriooi dipioriia oi equivalerit	THORE	Chort term on-the-job trailling
43-4011	Brokerage Clerks	120	115	-5	-4.2	-0.4	5	8	0	13	\$64,960	\$60,860	High school diploma or equivalent	None	Moderate-term on-the-job training
43-4011	Customer Service Representatives	7,006	7,349	343	4.9	0.5	337	564	34	935	\$47.510	\$44,190	High school diploma or equivalent	None	Short-term on-the-job training
43-4061	Eligibility Interviewers, Government Programs	669	731	62	9.3	0.9	26	36	6	68	\$67,920	\$67,630	High school diploma or equivalent	None	Moderate-term on-the-job training
43-4071	File Clerks	290	262	-28	-9.7	-1.0	15	17	-3	29	\$51,270	\$48,470	High school diploma or equivalent	None	Short-term on-the-job training
43-4081	Hotel, Motel, and Resort Desk Clerks	942	1,455	513	54.5	4.4	70	127	51	248	\$41,690	\$42,860	High school diploma or equivalent	None	Short-term on-the-job training
43-4111	Interviewers, Except Eligibility and Loan	635	633	-2	-0.3	0.0	37	41	0	78	\$50,050	\$46,420	High school diploma or equivalent	None	Short-term on-the-job training
43-4121	Library Assistants, Clerical	306	309	3	1.0	0.1	27	20	0	47	\$44,710	\$43,490	High school diploma or equivalent	None	Short-term on-the-job training
43-4131	Loan Interviewers and Clerks	193	180	-13	-6.7	-0.7	5	11	-1	15	\$44,080	\$30,700	High school diploma or equivalent	None	Short-term on-the-job training
43-4141	New Accounts Clerks	62	49	-13	-21.0	-2.3	2	4	-1	5	\$52,840	\$48,650	High school diploma or equivalent	None	Moderate-term on-the-job training
43-4151	Order Clerks	66	56	-10	-15.2	-1.6	3	4	-1	6	\$43,790	,	Some college, no degree	None	Short-term on-the-job training
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	688	665	-23	-3.3	-0.3	26	41	-2	65	\$57,320		Associate's degree	None	None
43-4171	Receptionists and Information Clerks	3,482	3,651	169	4.9	0.5	199	246	17	462	\$43,240	\$39,710	High school diploma or equivalent	None	Short-term on-the-job training
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	221	271	50	22.6	2.1	9	18	5	32	\$40,050	\$35,700	High school diploma or equivalent	None	Short-term on-the-job training
43-4199	Information and Record Clerks, All Other	2,795	2,726	-69	-2.5	-0.2	113	182	-7	288	\$61,590	\$61,520	High school diploma or equivalent	None	Short-term on-the-job training
43-5000	Material Recording, Scheduling, Dispatching, and Distributing Workers	4,125	3,949	-176	-4.3	-0.4	157	196	-18	335	N/A	N/A			1
43-5021	Couriers and Messengers	525	419	-106	-20.2	-2.2	19	26	-11	34	N/A	N/A	High school diploma or equivalent	None	Short-term on-the-job training
43-5031	Police, Fire, and Ambulance Dispatchers	95	104	9	9.5	0.9	4	6	1	11	N/A	N/A	High school diploma or equivalent	None	Moderate-term on-the-job training
43-5032	Dispatchers, Except Police, Fire, and Ambulance	703	710	7	1.0	0.1	25	40	1	66	\$55,160	\$51,140	High school diploma or equivalent	None	Moderate-term on-the-job training
43-5051	Postal Service Clerks	148	136	-12	-8.1	-0.8	6	5	-1	10	\$48,270	\$44,250	High school diploma or equivalent	None	Short-term on-the-job training
43-5052	Postal Service Mail Carriers	1,043	965	-78	-7.5	-0.8	35	36	-8	63	\$53,240	\$54,300	High school diploma or equivalent	None	Short-term on-the-job training
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Opera	531	465	-66	-12.4	-1.3	27	16	-7	36	\$54,340	\$61,610	High school diploma or equivalent	None	Short-term on-the-job training
43-5061	Production, Planning, and Expediting Clerks	444	494	50	11.3	1.1	17	30	5	52	\$56,700	\$52,410	High school diploma or equivalent	None	Moderate-term on-the-job training
43-5071	Shipping, Receiving, and Traffic Clerks	557	548	-9	-1.6	-0.2	20	32	-1	51	\$53,440	\$54,670	High school diploma or equivalent	None	Short-term on-the-job training
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	61	89	28	45.9	3.8	3	4	3	10	\$35,560	\$31,420	High school diploma or equivalent	None	Short-term on-the-job training
43-6000	Secretaries and Administrative Assistants	24,264	21,722	-2,542	-10.5	-1.1	1,170	1,284	-254	2,200	N/A	N/A			
43-6011	Executive Secretaries and Executive Administrative Assistants	5,652	4,695	-957	-16.9	-1.8	263	289	-96	456	\$75,110	\$73,260	High school diploma or equivalent	Less than 5 years	None
43-6012	Legal Secretaries	2,769	2,163	-606	-21.9	-2.4	126	138	-61	203	\$87,600	\$91,950	High school diploma or equivalent	None	Moderate-term on-the-job training
43-6013	Medical Secretaries	1,227	1,329	102	8.3	0.8	65	71	10	146	\$47,110	\$44,400	High school diploma or equivalent	None	Moderate-term on-the-job training
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and E	14,616	13,535	-1,081	-7.4	-0.8	716	786	-108	1,394	\$50,210	\$48,580	High school diploma or equivalent	None	Short-term on-the-job training
43-9000	Other Office and Administrative Support Workers	14,972	14,936	-36	-0.2	0.0	770	915	-4	1,681	N/A	N/A	IP-thththththththththth	No.	01
43-9021	Data Entry Keyers	345	272	-73	-21.2	-2.3	14	20	-7	27	\$43,320	\$40,010	High school diploma or equivalent	None	Short-term on-the-job training
43-9022	Word Processors and Typists	235	150	-85	-36.2	-4.4	12	10	-8	14	\$56,440	\$53,630	High school diploma or equivalent	None	Short-term on-the-job training
43-9031	Desktop Publishers	126	91	-35	-27.8	-3.2	4	8	-4	8	N/A	N/A	Associate's degree	None	Short-term on-the-job training
43-9041	Insurance Claims and Policy Processing Clerks	419	431	12	2.9	0.3	15	25	1	41	\$58,500	\$56,560	High school diploma or equivalent	None	Moderate-term on-the-job training
	Mail Clerks and Mail Machine Operators, Except Postal Service	667	659	-8	-1.2	-0.1	34	42	-1	75	\$47,390		High school diploma or equivalent	None	Short-term on-the-job training
43-9061	Office Clerks, General	10,653	10,758	105	1.0	0.1	584	635	10	1,229	\$47,690	\$44,270 \$38,580	High school diploma or equivalent	None	Short-term on-the-job training
43-9071 43-9081	Office Machine Operators, Except Computer	340 90	326 91	-14	-4.1 1.1	-0.4 0.1	17 6	20 6	-1 0	36	\$41,820 \$55.960	\$38,580 \$53,120	High school diploma or equivalent	None None	Short-term on-the-job training None
43-9081 43-9111	Proofreaders and Copy Markers	137	91 179	42		2.7	6	14	4	12 22	\$55,960 \$61.580		Bachelor's degree		
43-9111 43-9199	Statistical Assistants Office and Administrative Support Workers, All Other		1,979 1,979		30.7 1.0	0.1		136	2		\$61,580 \$58,690	\$61,090	Bachelor's degree	None	None Short-term on the job training
43-9199	Onice and Administrative Support Workers, All Other	1,960	1,979	19	1.0	U. I	81	130		219	φυο,09U	\$48,670	High school diploma or equivalent	None	Short-term on-the-job training
45-0000	Farming, Fishing, and Forestry Occupations	291	354	63	21.7	2.0	14	37	6	57	\$48,620	\$46,380			
45-2000 45-2000	Agricultural Workers	268	354 329	61	22.8	2.1	13	34	6	53	N/A	N/A			
	Agricultural Inspectors	72	105	33	45.8	3.8	4	10	3	17	N/A	N/A	Bachelor's degree	None	Moderate-term on-the-job training
	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	48	67	19	39.6	3.4	2	7	2	11	6			None	Short-term on-the-job training
	Farmworkers, Farm, Ranch, and Aquacultural Animals	135	144	9	6.7	0.6	6	16	1	23	N/A		No formal educational credential	None	Short-term on-the-job training
+0-2000	- ammontoro, i ami, ivanon, and riquabultural Ammaio	133	144		0.1	0.0	-	10	<del>-                                    </del>	20	11//	14/7		1.0110	Short term on the job training
47-0000	Construction and Extraction Occupations	14,214	15,539	1,325	9.3	0.9	442	1,015	132	1,589	\$62.580	\$57,850			
	Supervisors of Construction and Extraction Workers	1,818	1,975	157	8.6	0.8	54	123	16	193	N/A	N/A			
	First-Line Supervisors of Construction Trades and Extraction Workers	1,818	1,975	157	8.6	0.8	54	123	16	193	\$95.920		High school diploma or equivalent	5 years or more	None
47-2000	Construction Trades Workers	11,095	12,217	1,122	10.1	1.0	339	790	112	1,241	N/A	N/A	g sorioor dipiorna or equivalent	o yours or more	
	Brickmasons and Blockmasons	87	85	-2	-2.3	-0.2	3	5	0	8	\$69,280		High school diploma or equivalent	None	Apprenticeship
47-2021	Stonemasons	36	36	0	0.0	0.0	1	2	0	3	\$59,760		High school diploma or equivalent		Apprenticeship
	Carpenters	1,409	1,539	130	9.2	0.9	43	92	13	148	\$58,300		High school diploma or equivalent		Apprenticeship
	Tile and Marble Setters	75	90	15	20.0	1.8	2	5	2	9	\$37,470		No formal educational credential	None	Long-term on-the-job training
	Cement Masons and Concrete Finishers	454	467	13	2.9	0.3	11	30	1	42			No formal educational credential	None	Moderate-term on-the-job training
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District of Columbia
Long-Term Occupational Projections
2020 - 2030

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Occupational	Employment				2020 - nt Change in Employment					o To *	Wag	100**	Education, Experience, and Training			
Code	Occupational Title	2020	2030	Numerical		Percent annual	Annual Exits	Annual Op Annual Transfers	Annual Change	Total Annual Openings	Annual Mean	Annual Median	Typical Education Needed for Entry	Work Experience in a Related Occupation	Typical On-the-Job Training Needed to Attain Competency	
47-2061	Construction Laborers	3,574	4,050	476	13.3	1.3	113	257	48	418	\$42,530	\$39,970	No formal educational credential	None	Short-term on-the-job training	
	Paving, Surfacing, and Tamping Equipment Operators	105	119	14	13.3	1.3	4	8	1	13	\$55,100	\$54,720	High school diploma or equivalent	None	Moderate-term on-the-job training	
	Pile-Driver Operators	74	79	5	6.8	0.7	2	6	0	8	N/A	N/A	High school diploma or equivalent	None	Moderate-term on-the-job training	
	Operating Engineers and Other Construction Equipment Operators	510	568 125	58	11.4 9.7	1.1 0.9	18	39 7	6	63	\$62,290	\$61,340	High school diploma or equivalent No formal educational credential	None	Moderate-term on-the-job training	
47-2081 47-2082	Drywall and Ceiling Tile Installers Tapers	114 34	35	11	2.9	0.9	3 1	2	0	11 3	\$52,960 N/A	\$52,410 N/A	No formal educational credential	None None	Moderate-term on-the-job training Moderate-term on-the-job training	
47-2111	Electricians	1,429	1.590	161	11.3	1.1	44	111	16	171	\$79,030		High school diploma or equivalent	None	Apprenticeship	
	Glaziers	499	537	38	7.6	0.7	14	40	4	58	\$53,450		High school diploma or equivalent	None	Apprenticeship	
47-2131	Insulation Workers, Floor, Ceiling, and Wall	83	89	6	7.2	0.7	2	6	1	9	\$59,600	\$62,340	No formal educational credential	None	Short-term on-the-job training	
47-2132	Insulation Workers, Mechanical	36	37	1 50	2.8	0.3	1	2	0	3	\$55,970	\$53,740	High school diploma or equivalent	None	Apprenticeship	
47-2141 47-2151	Painters, Construction and Maintenance	470 126	523 131	53 5	11.3 4.0	1.1 0.4	15 4	28 9	5 0	48 13	\$57,760 N/A	\$58,110 N/A	No formal educational credential  No formal educational credential	None None	Moderate-term on-the-job training Short-term on-the-job training	
47-2151	Pipelayers Plumbers, Pipefitters, and Steamfitters	1,104	1,176	72	6.5	0.6	33	82	7	122	\$73,300	\$73.280	High school diploma or equivalent	None	Apprenticeship	
47-2161	Plasterers and Stucco Masons	43	47	4	9.3	0.9	1	2	0	3	\$58,010	\$61,060	No formal educational credential	None	Long-term on-the-job training	
47-2171	Reinforcing Iron and Rebar Workers	316	342	26	8.2	0.8	10	20	3	33	\$53,560	\$55,040	High school diploma or equivalent	None	Apprenticeship	
	Roofers	42	46	4	9.5	0.9	1	3	0	4	\$51,050	\$50,010	No formal educational credential	None	Moderate-term on-the-job training	
	Sheet Metal Workers	269	278	9	3.4	0.3	7	18	1	26	\$71,180		High school diploma or equivalent	None	Apprenticeship	
	Structural Iron and Steel Workers	163 483	178 496	15 13	9.2	0.9	14	13 43	2	19 58	\$64,390	\$64,840 N/A	High school diploma or equivalent	None	Apprenticeship	
	Helpers, Construction Trades HelpersCarpenters	117	117	0	0.0	0.0	3	10	0	13	N/A \$41,120	\$39,620	No formal educational credential	None	Short-term on-the-job training	
	HelpersElectricians	295	303	8	2.7	0.3	9	26	1	36	\$40,550		High school diploma or equivalent	None	Short-term on-the-job training	
	Other Construction and Related Workers	737	763	26	3.5	0.3	33	52	3	88	N/A	N/A				
47-4011	Construction and Building Inspectors	381	377	-4	-1.1	-0.1	21	23	0	44	\$87,190	\$86,650	High school diploma or equivalent	5 years or more	Moderate-term on-the-job training	
	Hazardous Materials Removal Workers	181	195	14	7.7	0.7	7	15	1	23	\$43,390	\$39,390	High school diploma or equivalent	None	Moderate-term on-the-job training	
	Highway Maintenance Workers	36	40	4	11.1	1.1	2	2	0	4	N/A	N/A	High school diploma or equivalent	None	Moderate-term on-the-job training	
	Rail-Track Laying and Maintenance Equipment Operators Miscellaneous Construction and Related Workers	53 44	58 46	5 2	9.4 4.6	0.9	1	4	0	5 5	N/A \$60.660	N/A \$59.260	High school diploma or equivalent High school diploma or equivalent	None None	Moderate-term on-the-job training  Moderate-term on-the-job training	
47-5000	Extraction Workers	81	88	7	8.6	0.4	3	7	1	11	N/A	N/A	rigit school diploma of equivalent	INOTIE	Wioderate-term on-the-job training	
	Excavating and Loading Machine and Dragline Operators, Surface Mini	56	61	5	8.9	0.9	2	5	0	7	\$48,750		High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training	
	Installation, Maintenance, and Repair Occupations	8,596	9,823	1,227	14.3	1.3	301	586	123	1,010	\$60,720	\$57,840				
	Supervisors of Installation, Maintenance, and Repair Workers	464	512	48	10.3	1.0	14	29	5	48	N/A	N/A				
49-1011 49-2000	First-Line Supervisors of Mechanics, Installers, and Repairers Electrical and Electronic Equipment Mechanics, Installers, and Repairer	464 963	512 1,093	48 130	10.3 13.5	1.0	14 32	29 70	5 13	48 115	\$82,160 N/A	\$82,740 N/A	High school diploma or equivalent	Less than 5 years	None	
49-2000	Computer, Automated Teller, and Office Machine Repairers	66	80	14	21.2	1.9	2	6	1	9	\$65,920	\$48,630	Some college, no degree	None	Short-term on-the-job training	
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Ir	483	557	74	15.3	1.4	18	40	7	65	\$87,260	\$92,660	Postsecondary non-degree award	None	Moderate-term on-the-job training	
49-2091	Avionics Technicians	92	126	34	37.0	3.2	3	5	3	11	N/A	N/A	Associate's degree	None	None	
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipm	178	176	-2	-1.1	-0.1	5	9	0	14	\$91,980	\$84,920	Postsecondary non-degree award	None	Long-term on-the-job training	
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Rela	45	46	1	2.2	0.2	1	2	0	3	N/A	N/A	Postsecondary non-degree award	Less than 5 years	Moderate-term on-the-job training	
	Security and Fire Alarm Systems Installers	98	107 922	9	9.2	0.9	2	8	1	11	\$69,670	\$64,980	High school diploma or equivalent	None	Moderate-term on-the-job training	
49-3000 49-3021	Vehicle and Mobile Equipment Mechanics, Installers, and Repairers  Automotive Body and Related Repairers	865 49	55	57 6	6.6 12.2	0.6 1.2	27 2	62	6	95 6	N/A \$49,120	N/A \$45,290	High school diploma or equivalent	None	Long-term on-the-job training	
	Automotive Service Technicians and Mechanics	505	506	1	0.2	0.0	15	34	0	49	\$64,640		Postsecondary non-degree award	None	Short-term on-the-job training	
	Bus and Truck Mechanics and Diesel Engine Specialists	98	100	2	2.0	0.2	3	6	0	9	\$59,540	\$58,480	High school diploma or equivalent	None	Long-term on-the-job training	
	Mobile Heavy Equipment Mechanics, Except Engines	96	110	14	14.6	1.4	3	7	1	11	\$65,500		High school diploma or equivalent	None	Long-term on-the-job training	
	Bicycle Repairers	82	111	29	35.4	3.1	3	8	3	14	\$35,860		High school diploma or equivalent	None	Moderate-term on-the-job training	
49-3093 49-9000	Tire Repairers and Changers	34 6.304	7,296	4 992	11.8 15.7	1.1 1.5	229	3 426	99	4 754	\$33,590	\$30,500	High school diploma or equivalent	None	Short-term on-the-job training	
	Other Installation, Maintenance, and Repair Occupations Control and Valve Installers and Repairers, Except Mechanical Door	31	32	992	3.2	0.3	1	2	0	3	N/A \$83,510	N/A \$83,060	High school diploma or equivalent	None	Moderate-term on-the-job training	
	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	297	314	17	5.7	0.6	8	21	2	31	\$73,460	\$72,380	Postsecondary non-degree award	None	Long-term on-the-job training	
49-9031	Home Appliance Repairers	30	31	1	3.3	0.3	1	2	0	3	N/A	N/A	High school diploma or equivalent	None	Moderate-term on-the-job training	
	Industrial Machinery Mechanics	220	248	28	12.7	1.2	7	13	3	23	\$69,590	\$73,500	High school diploma or equivalent	None	Long-term on-the-job training	
	Maintenance Workers, Machinery	34	38	4	11.8	1.1	1	2	0	3	\$61,640	\$60,260	High school diploma or equivalent	None	Long-term on-the-job training	
	Millwrights	66	76	10	15.2	1.4	2	4	1	7	N/A	N/A	High school diploma or equivalent	None	Apprenticeship	
49-9051 49-9052	Electrical Power-Line Installers and Repairers Telecommunications Line Installers and Repairers	218 446	240 505	22 59	10.1 13.2	1.0	4 11	15 40	6	21 57	\$56,440 \$76,490		High school diploma or equivalent High school diploma or equivalent	None None	Long-term on-the-job training Long-term on-the-job training	
49-9062	Medical Equipment Repairers	45	48	3	6.7	0.6	2	3	0	5	\$60,790		Associate's degree	None	Moderate-term on-the-job training	
	Maintenance and Repair Workers, General	4.323	4.990	667	15.4	1.4	164	272	67	503	\$52,470	\$49,360	High school diploma or equivalent	None	Moderate-term on-the-job training	
	Locksmiths and Safe Repairers	53	47	-6	-11.3	-1.2	2	3	-1	4	\$64,250	\$67,230	High school diploma or equivalent	None	Long-term on-the-job training	
49-9098	HelpersInstallation, Maintenance, and Repair Workers	372	554	182	48.9	4.1	20	39	18	77	\$47,130		High school diploma or equivalent	None	Short-term on-the-job training	
49-9099	Installation, Maintenance, and Repair Workers, All Other	98	103	5	5.1	0.5	4	7	0	11	\$53,680	\$54,080	High school diploma or equivalent	None	Moderate-term on-the-job training	
51-0000	Production Occupations	5,406	6,571	1,165	21.6	2.0	266	435	116	817	\$58,600	\$50,710				
	Supervisors of Production Workers	292	318	26	8.9	0.9	9	20	3	32	N/A	N/A				
	First-Line Supervisors of Production and Operating Workers	292	318	26	8.9	0.9	9	20	3	32	\$86,440	\$88,930	High school diploma or equivalent	Less than 5 years	None	
	Assemblers and Fabricators	187	204	17	9.1	0.9	6	14	2	22	N/A	N/A				
	Structural Metal Fabricators and Fitters	70	63	-7	-10.0	-1.0	2	5	-1	6	N/A	N/A	High school diploma or equivalent		Moderate-term on-the-job training	
	Miscellaneous Assemblers and Fabricators	113	137	24	21.2	1.9	5	9	2	16	\$38,550		High school diploma or equivalent	None	Moderate-term on-the-job training	
	Food Processing Workers Bakers	958	1,619	661	69.0	5.4	64	96	66 44	226 143	N/A	N/A	No formal advantional and and	None	Long torm on the job training	
		536 178	978 219	442 41	82.5 23.0	6.2 2.1	42 8	57 15	44	143 27	\$37,930 \$47,470		No formal educational credential  No formal educational credential	None None	Long-term on-the-job training  Long-term on-the-job training	
51-3011	Rutchers and Meat Cutters	1/0		165	92.7	6.8	11	19	16	46	\$35,160		No formal educational credential	None	Short-term on-the-job training	
51-3011 51-3021	Butchers and Meat Cutters  Meat. Poultry, and Fish Cutters and Trimmers	178	34.3								400,100	40=,1 TU	oddoddonai orodorillai			
51-3011 51-3021 51-3022	Butchers and Meat Cutters  Meat, Poultry, and Fish Cutters and Trimmers Food Batchmakers	178 44	343 54	103	22.7	2.1	2	4	1	7	\$33,680	\$31,250	High school diploma or equivalent	None	Moderate-term on-the-job training	
51-3011 51-3021 51-3022 51-3092	Meat, Poultry, and Fish Cutters and Trimmers					2.1 0.5	2 10	4 24	1 2	7 36	\$33,680 N/A	\$31,250 N/A	High school diploma or equivalent	None	Moderate-term on-the-job training	
51-3011 51-3021 51-3022 51-3092 51-4000 51-4041	Meat, Poultry, and Fish Cutters and Trimmers Food Batchmakers Metal Workers and Plastic Workers Machinists	44 323 53	54 341 52	10 18 -1	22.7 5.6 -1.9	0.5 -0.2	10 2	24 4	2	36 6	N/A N/A	N/A N/A	High school diploma or equivalent	None	Long-term on-the-job training	
51-3011 51-3021 51-3022 51-3092 51-4000 51-4041 51-4072	Meat, Poultry, and Fish Cutters and Trimmers Food Batchmakers Metal Workers and Plastic Workers Machinists Molding, Coremaking, and Casting Machine Setters, Operators, and Ter	44 323 53 54	54 341 52 55	10 18 -1 1	22.7 5.6 -1.9 1.9	0.5 -0.2 0.2	10	24 4 4	0 0	36 6 6	N/A N/A N/A	N/A N/A N/A	High school diploma or equivalent High school diploma or equivalent	None None	Long-term on-the-job training Moderate-term on-the-job training	
51-3011 51-3021 51-3022 51-3092 51-4000 51-4041 51-4072 51-4081	Meat, Poultry, and Fish Cutters and Trimmers Food Batchmakers Metal Workers and Plastic Workers Machinists	44 323 53	54 341 52	10 18 -1	22.7 5.6 -1.9	0.5 -0.2	10 2	24 4	2	36 6	N/A N/A	N/A N/A N/A N/A	High school diploma or equivalent	None None None	Long-term on-the-job training	

## District of Columbia Long-Term Occupational Projections Education, Experience, and Train Occupational Work Experience in Typical Education Needed for Occupational Title Percent Annual Annual Annual Total Annua Annual Annual 2030 Code 2020 Numerica Percen a Related ransfers Change Openings Mean Median Entry Needed to Attain Competency annua Exits Printing Workers 1.137 1.115 -0.2 N/A 51-5100 -22 -1.9 45 84 N/A 28 51-5111 Prepress Technicians and Workers -13 -4.4 -0.5 11 -1 \$85,980 293 280 38 \$89,260 Postsecondary non-degree award None 548 51-5112 rinting Press Operators 548 0.0 0.0 20 0 59 \$90,440 \$98,900 High school diploma or equivalent None Moderate-term on-the-job training 51-5113 296 Print Binding and Finishing Workers 287 -9 -3.0 -0.3 14 18 -1 31 N/A N/A High school diploma or equivalent None Moderate-term on-the-iob training 1,113 42.3 51-6000 Textile, Apparel, and Furnishings Workers 782 3.6 61 61 33 155 N/A N/A 51-6011 Laundry and Dry-Cleaning Workers 532 833 301 56.6 4.6 44 46 30 120 \$36,680 \$31.890 No formal educational credential None Short-term on-the-job training 51-6041 Shoe and Leather Workers and Renairers 102 103 1.0 0.1 6 Ω 13 N/A N/A High school diploma or equivalent None Moderate-term on-the-job training 51-6052 Tailors Dressmakers and Custom Sewers 92 111 19 20.7 19 8 2 15 \$48 370 \$49 680 No formal educational credential None Moderate-term on-the-job training 51-7000 Woodworkers 75 79 4 5.3 0.5 3 0 8 N/A N/A Cabinetmakers and Bench Carpenters Moderate-term on-the-job training 34 33 -2.9 -0.3 1 Ω N/A N/A High school diploma or equivalent None 51-7042 Woodworking Machine Setters, Operators, and Tenders, Except Sawin 32 36 4 12.5 1.2 1 Ω N/A N/A High school diploma or equivalent None Moderate-term on-the-job training 51-8000 Plant and System Operators 1,009 6.9 0.7 41 73 N/A N/A 652 13.2 1.2 30 44 8 \$77,990 \$79,090 51-8021 Stationary Engineers and Boiler Operators 576 76 82 High school diploma or equivalent None Long-term on-the-job training Water and Wastewater Treatment Plant and System Operators 207 209 1.0 0.1 6 13 0 19 N/A N/A ligh school diploma or equivalent None Long-term on-the-job training Plant and System Operators, All Other 182 177 -2.8 -0.3 4 14 0 18 N/A N/A ligh school diploma or equivalent None Moderate-term on-the-job training 51-9000 643 703 9.3 0.9 27 56 6 89 N/A N/A Other Production Occupations 60 51-9061 Inspectors, Testers, Sorters, Samplers, and Weighers 83 75 -8 -9.6 -1.0 3 6 -1 \$64,740 \$61.880 High school diploma or equivalent None Moderate-term on-the-job training 51-9111 Packaging and Filling Machine Operators and Tenders 79 91 12 15.2 1.4 4 11 \$35,560 6 High school diploma or equivalent None Moderate-term on-the-job training 155 51-9151 Photographic Process Workers and Processing Machine Operators 179 24 1.5 8 18 28 15.5 \$38,160 \$37,130 High school diploma or equivalent None Short-term on-the-iob training 51-9162 Computer Numerically Controlled Tool Programmers 50 31.6 N/A 38 12 2.8 2 3 1 6 N/A Postsecondary non-degree award None Moderate-term on-the-iob training 51-9198 Helpers--Production Workers 68 68 0 0.0 0.0 6 0 \$31,430 \$29,690 High school diploma or equivalent None Short-term on-the-job training 83 51-9199 Production Workers, All Other 84 1.2 0.1 3 6 0 N/A N/A High school diploma or equivalent None Moderate-term on-the-job training 53-1000 Supervisors of Transportation and Material Moving Workers 784 998 214 27.3 2.4 32 62 21 115 N/A N/A 53-1047 FirstLine Supervisors of Transportation & Material Moving Workers, Ex-783 997 214 27.3 2.4 32 62 21 115 \$67.840 \$64.560 High school diploma or equivalent Less than 5 years None 1.7 19 N/A N/A Air Transportation Workers 721 0.2 49 69 Air Traffic Controllers 604 703 a 13 0.1 18 48 1 67 \$83.810 \$25.500 Associate's degree Long-term on-the-job training Motor Vehicle Operators 7,420 8,954 1,534 20.7 1.9 515 472 153 N/A N/A 53-3031 Driver/Sales Workers 785 1,489 704 89.7 6.6 47 77 70 194 High school diploma or equivalent None Short-term on-the-job training Heavy and Tractor-Trailer Truck Drivers 33 853 54 \$53,450 ostsecondary non-degree award Short-term on-the-job training 53-3033 Light Truck or Delivery Services Drivers 846 1.047 23.8 2.2 39 64 20 123 \$42.810 High school diploma or equivalent None Short-term on-the-job training \$40,490 1,785 1,832 119 214 \$41,640 Bus Drivers, Transit and Intercity 2.6 0.3 90 High school diploma or equivalent None Moderate-term on-the-job training 34 Passenger Vehicle Drivers, Except Bus Drivers, Transit and Intercity 1.946 2,290 344 17.7 1.6 139 105 278 \$41,730 53-3058 \$38,130 No formal educational credential None Short-term on-the-job training Motor Vehicle Operators, All Other 10.0 138 \$61,600 No formal educational credential None 1.431 1.0 231 Short-term on-the-ioh training 53-5000 Water Transportation Workers 54 59.3 4.8 N/A 86 N/A 3,341 4.213 N/A N/A 53-6000 Other Transportation Workers 872 26.1 2.3 328 87 627 212 1.554 53-6021 Parking Lot Attendants 2.319 765 49.2 4.1 94 200 76 370 \$31,700 \$31,190 No formal educational credential None Short-term on-the-iob training Automotive and Watercraft Service Attendants 12.5 1.2 53-6031 32 36 2 0 N/A N/A No formal educational credential None Short-term on-the-iob training 153 7 53-6041 168 15 14 23 N/A Traffic Technicians 9.8 0.9 N/A High school diploma or equivalent None Moderate-term on-the-job training 53-6051 Transportation Inspectors 325 323 -2 -0.6 -0.1 11 24 0 35 \$110.87 \$121,320 High school diploma or equivalent None Moderate-term on-the-job training Short-term on-the-job training 53-6061 Transportation Attendants, Except Flight Attendants 819 906 87 10.6 1.0 77 46 9 132 \$48 180 \$49,120 High school diploma or equivalent None Aircraft Service Attendants and Transportation Workers, All Other High school diploma or equivalent None 53-6008 458 461 3 0.7 0.1 21 41 0 62 \$48 140 \$40 890 Short-term on-the-job training Material Moving Workers 4.630 27.1 2.4 487 N/A N/A Crane and Tower Operators \$80,250 31 34 9.7 0.9 0 High school diploma or equivalent Less than 5 years Moderate-term on-the-job training 53-7021 1 2 \$80,270 61 Industrial Truck and Tractor Operators 4.9 0.5 0 \$56,11 No formal educational credential None Short-term on-the-job training 3 Cleaners of Vehicles and Equipment 185 214 29 15.7 1.5 10 18 31 No formal educational credential Short-term on-the-iob training None Laborers and Freight, Stock, and Material Movers, Hand 1,222 1,578 356 2.6 122 \$44,820 53-7062 29.1 61 36 219 \$42,180 No formal educational credential None Short-term on-the-iob training Packers and Packagers, Hand 134 141 5.2 0.5 11 N/A N/A No formal educational credential Short-term on-the-job training None Stockers and Order Fillers 2.342 3.117 775 33.1 2.9 155 266 78 499 \$39,600 \$35,000 High school diploma or equivalent None Short-term on-the-job training 53-7081 Refuse and Recyclable Material Collectors 593 670 77 13.0 1.2 27 57 8 92 N/A N/A No formal educational credential Short-term on-the-iob training None

\$54,590

\$55,140 No formal educational credential None

Short-term on-the-job training

## N/A: Not Available

53-7199 Material Moving Workers, All Other

52

55

5.8 0.6

Note: Occupation subtotals may not add to the totals due to the suppression of data

Source: DOES - LMI

<sup>\*</sup> Total Openings: Sum of Exits, Transfers, and Numerical Change

<sup>\*\*</sup> Wages: Bureau of Labor Statistics, Occupational Employment and Wage Statistics (OEWS) May 2020 District of Columbia Occupational Employment and Wage Estimates

Exits: the projected number of workers leaving an occupation and exiting the labor force entirely.

Transfers: the projected number of workers leaving an occupation and transferring to a different occupation.