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Workforce Development Areas (WDAs)

Delta—Bolivar, Carroll, Coahoma, Holmes, Humphreys, Issaquena, Leflore, Panola, Quitman, Sharkey, Sunflower, Tallahatchie, Tunica, and Washington Counties

Mississippi Partnership—Alcorn, Attala, Benton, Calhoun, Chickasaw, Choctaw, Clay, DeSoto, Grenada, Itawamba, Lafayette, Lee, Lowndes, Marshall, Monroe, Montgomery, Noxubee, Oktibbeha, Pontotoc, Prentiss, Tate, Tippah, Tishomingo, Union, Webster, Winston, and Yalobusha Counties

Southcentral Mississippi Works—Adams, Amite, Claiborne, Copiah, Franklin, Hinds, Jefferson, Lawrence, Lincoln, Madison, Pike, Rankin, Simpson, Walthall, Warren, Wilkinson, and Yazoo Counties

Twin Districts—Clarke, Covington, Forrest, George, Greene, Hancock, Harrison, Jackson, Jasper, Jefferson Davis, Jones, Kemper, Lamar, Lauderdale, Leake, Marion, Neshoba, Newton, Pearl River, Perry, Scott, Smith, Stone, and Wayne Counties

	Standard Occupational Classification (SOC)	2020 Employment	2030 Employment	Proje Employme 2020-	nt Change	Projected Average
Code	Occupation	Estimate	Projection	Number	Percent	Annual Job Openings
00-0000	Total, All Occupations	385,870	424,840	38,970	10.1	48,970
11-0000	Management Occupations	20,520	22,600	2,080	10.1	1,950
11-1011	Chief Executives	450	440	(10)	(2.2)	30
11-1021	General and Operations Managers	5,580	6,090	510	9.1	530
11-1031	Legislators	40	50	10	25.0	5
11-2021	Marketing Managers	240	260	20	8.3	25
11-2022	Sales Managers	420	460	40	9.5	40
11-2030	Public Relations and Fundraising Managers	100	100	0	0.0	10
11-3010	Administrative Services and Facilities Managers	710	770	60	8.5	65
11-3021	Computer and Information Systems Managers	400	440	40	10.0	35
11-3031	Financial Managers	1,230	1,460	230	18.7	120
11-3051	Industrial Production Managers	660	710	50	7.6	50
11-3061	Purchasing Managers	180	190	10	5.6	15
11-3071	Transportation, Storage, and Distribution Managers	360	390	30	8.3	30
11-3121	Human Resources Managers	220	240	20	9.1	20
11-3131	Training and Development Managers	60	80	20	33.3	5
11-9021	Construction Managers	800	760	(40)	(5.0)	50
11-9031	Education and Childcare Administrators, Preschool and Daycare	180	210	30	16.7	15
11-9032	Education Administrators, Kindergarten through Secondary	970	1,040	70	7.2	80
11-9033	Education Administrators, Postsecondary	290	320	30	10.3	25
11-9039	Education Administrators, All Other	50	60	10	20.0	5
11-9041	Architectural and Engineering Managers	530	550	20	3.8	40
11-9051	Food Service Managers	1,240	1,540	300	24.2	185
11-9071	Gambling Managers	100	140	40	40.0	15
11-9081	Lodging Managers	230	250	20	8.7	25
11-9111	Medical and Health Services Managers	1,050	1,260	210	20.0	110
11-9121	Natural Sciences Managers	50	60	10	20.0	5
11-9131	Postmasters and Mail Superintendents	50	40	(10)	(20.0)	-
11-9141	Property, Real Estate, and Community Association Managers	1,190	1,250	60	5.0	100
11-9151	Social and Community Service Managers	360	430	70	19.4	40
11-9171	Funeral Home Managers	100	100	0	0.0	10
11-9198	Personal Service Managers; Entertainment & Recreation Managers, Except Gambling; and Managers, All Other	750	780	30	4.0	55

	Standard Occupational Classification (SOC)	2020	2030 Employment	Proje Employme	ected	Projected Average
Code	Occupation	Estimate	Projection	Number	Percent	Annual Job Openings
13-0000	Business and Financial Operations Occupations	13,590	14,330	740	5.4	1,255
13-1020	Buyers and Purchasing Agents	1,040	990	(50)	(4.8)	95
13-1031	Claims Adjusters, Examiners, and Investigators	300	280	(20)	(6.7)	20
13-1041	Compliance Officers	850	900	50	5.9	75
13-1051	Cost Estimators	530	540	10	1.9	50
13-1071	Human Resources Specialists	1,150	1,210	60	5.2	115
13-1075	Labor Relations Specialists	200	210	10	5.0	20
13-1081	Logisticians	430	430	0	0.0	40
13-1111	Management Analysts	970	1,070	100	10.3	100
13-1121	Meeting, Convention, and Event Planners	60	70	10	16.7	10
13-1141	Compensation, Benefits, and Job Analysis Specialists	110	120	10	9.1	10
13-1151	Training and Development Specialists	550	640	90	16.4	65
13-1161	Market Research Analysts and Marketing Specialists	750	920	170	22.7	100
13-1198	Project Management Specialists and Business Operations Specialists, All Other	2,580	2,630	50	1.9	195
13-2011	Accountants and Auditors	1,690	1,820	130	7.7	165
13-2020	Property Appraisers and Assessors	200	210	10	5.0	15
13-2041	Credit Analysts	100	110	10	10.0	10
13-2052	Personal Financial Advisors	360	380	20	5.6	30
13-2053	Insurance Underwriters	40	40	0	0.0	5
13-2071	Credit Counselors	50	60	10	20.0	5
13-2072	Loan Officers	700	750	50	7.1	60
13-2081	Tax Examiners and Collectors, and Revenue Agents	230	240	10	4.3	20
13-2082	Tax Preparers	100	100	0	0.0	10
13-2098	Financial and Investment Analysts, Financial Risk Specialists, and Financial Specialists, All Other	380	390	10	2.6	30
15-0000	Computer and Mathematical Occupations	4,970	5,150	180	3.6	375
15-1200	Computer Occupations	4,820	4,960	140	2.9	360
15-1211	Computer Systems Analysts	660	690	30	4.5	50
15-1212	Information Security Analysts	130	140	10	7.7	10
15-1221	Computer and Information Research Scientists	150	150	0	0.0	10
15-1231	Computer Network Support Specialists	370	400	30	8.1	30
15-1232	Computer User Support Specialists	910	950	40	4.4	70

Code Occupation Estimate Projection Number Perzent Obelinitys 15-1241 Computer Network Architects 130 140 10 7.7 10 15-1245 Database Administrators and Architects 150 160 10 6.7 15 15-1245 Database Administrators and Architects 150 160 10 6.7 15 15-1251 Computer Programmers 150 300 380 40 13 15-1252 Korb Developers and Digital Interface Designers 100 980 500 14.3 5 15-1257 Web Developers and Digital Interface Designers 70 80 10 14.3 5 15-1298 Computer Occupations, All Other 560 570 10 18 40 15-2099 Data Scientists and Mathematical Science Occupations, All Other 30 30 0 0 0 10 1 1 1 1 1 1 1 1 1 1 1		Standard Occupational Classification (SOC)	2020 Employment	2030 Employment	Proje Employme 2020-	nt Change	Projected Average
15-1244 Network and Computer Systems Administrators 310 340 30 9.7 20 15-1245 Database Administrators and Architects 150 160 10 6.7 15 15-1251 Computer Programmers 340 380 40 11.8 30 15-1256 Software Developers and Software Quality Assurance Analysts and Testers 1,030 980 650 (4.9) 70 15-1256 Computer Occupations, All Other 560 570 10 1.8 40 15-1299 Computer Occupations, All Other 560 570 10 1.8 40 15-2031 Operations Research Analysts 10 150 30 250 10 15-2039 Data Scientists and Mathematical Science Occupations, All Other 30 30 00 5 17-2010 Architecture and Engineering Occupations 7,000 7,400 380 5.4 570 17-2011 Architecture and Engineering Occupations 10 10 10 0 0 0 <th>Code</th> <th>Occupation</th> <th>Estimate</th> <th>Projection</th> <th></th> <th></th> <th></th>	Code	Occupation	Estimate	Projection			
15-1245 Database Administrators and Architects 150 160 10 6.7 15 15-1251 Computer Programmers 340 380 40 11.8 30 15-1256 Software Developers and Software Quality Assurance Analysts and Testers 1.030 980 (50) (4.9) 70 15-1257 Web Developers and Digital Interface Designers 70 80 10 14.3 5 15-1298 Computer Occupations. All Other 560 570 10 18 40 15-2098 Data Scientists and Mathematical Science Occupations. 120 150 30 250 10 17-0000 Architecture and Engineering Occupations. 70,20 7,400 380 5.4 570 17-1011 Architecture and Engineering Occupations. 70,20 7,400 380 5.4 570 17-1011 Architecture and Engineering Occupations. 70,20 7,400 380 5.4 570 17-1012 Architecture and Engineering Occupations. 160 100 0	15-1241	Computer Network Architects	130	140	10	7.7	10
15-1251 Computer Programmers 340 380 40 11.8 30 15-1256 Software Developers and Software Quality Assurance Analysts and Testers 1.030 980 (60) (4.9) 70 15-1257 Web Developers and Digital Interface Designers 70 80 10 14.3 5 15-1299 Computer Occupations, All Other 560 570 10 1.8 40 15-2031 Operations Research Analysts 120 150 30 25.0 10 15-2038 Data Scientists and Mathematical Science Occupations, All Other 30 30 0 0.0 5 17-0000 Architecture and Engineering Occupations 7,020 7,400 380 5,4 570 17-1011 Architecture and Engineering Occupations 100 100 0 0.0 5 17-2011 Architecture and Engineers 80 80 0 0.0 0 5 17-2011 Accorsace Engineers 80 80 0 0.0 15	15-1244	Network and Computer Systems Administrators	310	340	30	9.7	20
15-1256 Software Developers and Software Quality Assurance Analysts and Testers 1,030 980 (60) (49) 70 15-1267 Web Developers and Digital Interface Designers 70 80 10 143 5 15-1299 Computer Occupations, All Other 560 570 10 18 40 15-2031 Operations Research Analysts 120 150 30 250 10 15-2098 Data Scientists and Mathematical Science Occupations 7,020 7,400 380 54 570 17-1011 Architecture and Engineering Occupations 7,020 7,400 380 54 570 17-1011 Architects, Except Landscape and Naval 100 100 0 0 5 17-2011 Aerospace Engineers 80 80 0 0 0 5 17-2011 Aerospace Engineers 80 80 0 0 0 5 17-2011 Chemical Engineers 90 100 110 100 5	15-1245	Database Administrators and Architects	150	160	10	6.7	15
15-1257 Web Developers and Digital Interface Designers 70 80 10 14.3 5 15-1299 Computer Occupations, All Other 560 570 10 1.8 40 15-2031 Operations Research Analysts 120 150 30 25.0 10 15-2098 Data Scientists and Mathematical Science Occupations 70,200 7,400 380 5.4 570 17-0000 Architecture and Engineering Occupations 70,200 7,400 380 5.4 570 17-1011 Architects, Except Landscape and Naval 100 100 0 0.0 5 17-1012 Surveyors 160 160 160 0 0.0 15 17-2011 Aerospace Engineers 80 80 0 0.0 5 17-2011 Aerospace Engineers 620 650 30 48 45 17-2011 Civil Engineers 620 650 30 48 45 17-2051 Civil Engineers	15-1251	Computer Programmers	340	380	40	11.8	30
15-1299 Computer Occupations, All Other 560 570 10 1.8 40 15-2031 Operations Research Analysts 120 150 30 25.0 10 15-2038 Data Scientists and Mathematical Science Occupations, All Other 30 30 0 0.0 5 17-0000 Architecture and Engineering Occupations 7,000 7,400 380 5.4 570 17-1011 Architecture and Engineering Occupations 7,000 7,400 380 5.4 570 17-1012 Architecture and Engineering Occupations 100 100 10 0 0 0 5 17-1012 Architecture and Engineers 110 110 10 0 0 0 15 17-2011 Aerospace Engineers 80 80 80 0 0 0 5 17-2012 Civil Engineers 620 650 30 48 45 17-2017 Electrical Engineers 790 820 30 <td< td=""><td>15-1256</td><td>Software Developers and Software Quality Assurance Analysts and Testers</td><td>1,030</td><td>980</td><td>(50)</td><td>(4.9)</td><td>70</td></td<>	15-1256	Software Developers and Software Quality Assurance Analysts and Testers	1,030	980	(50)	(4.9)	70
15-2031 Operations Research Analysts 120 150 30 25.0 10 15-2098 Data Scientists and Mathematical Science Occupations, All Other 30 30 0 0.0 5 17-0000 Architecture and Engineering Occupations 7,020 7,400 380 5.4 570 17-1011 Architects, Except Landscape and Naval 100 100 0 0.0 5 17-1022 Surveyors 160 160 160 0 0.0 15 17-2011 Acrospace Engineers 80 80 0 0.0 5 17-2041 Chemical Engineers 100 110 10 10 5 17-2051 Civit Engineers 620 650 30 48 45 17-2071 Electrical Engineers 50 50 0 0.0 5 17-2072 Electronics Engineers, Except Computer 170 160 (10 (69) 10 17-2071 Evertical Engineers 80 80 0 0 0 <td< td=""><td>15-1257</td><td>Web Developers and Digital Interface Designers</td><td>70</td><td>80</td><td>10</td><td>14.3</td><td>5</td></td<>	15-1257	Web Developers and Digital Interface Designers	70	80	10	14.3	5
15-2098 Data Scientists and Mathematical Science Occupations, All Other 30 30 0 0.0 5 17-0000 Architecture and Engineering Occupations 7,020 7,400 380 5.4 570 17-1011 Architects, Except Landscape and Naval 100 100 0 0 5 17-1012 Surveyors 160 160 160 0 0 0 5 17-2011 Acrospace Engineers 80 80 0 0 0 5 17-2041 Chemical Engineers 100 110 10 10 10 10 10 10 10 5 17-2051 Chemical Engineers 620 650 30 4.8 45 45 17-2011 10 10 10 5 17-2011 10 10 10 5 17-2011 10 10 10 5 17-2011 10 10 10 6 9 10 0 0 5 17-20	15-1299	Computer Occupations, All Other	560	570	10	1.8	40
17-0000 Architecture and Engineering Occupations 7,020 7,400 380 5.4 570 17-1011 Architects, Except Landscape and Naval 100 100 0 0 5 17-1022 Surveyors 160 160 0 0.0 15 17-2011 Aerospace Engineers 80 80 0 0.0 5 17-2041 Chemical Engineers 100 110 10 10.0 5 17-2051 Civil Engineers 620 650 30 4.8 45 17-2061 Computer Hardware Engineers 50 50 0 0.0 5 17-2071 Electrical Engineers 790 820 30 3.8 55 17-2072 Electronics Engineers, Except Computer 170 160 (10) (5.9) 10 17-2072 Electronics Engineers, Except Computer 170 160 (10) (5.9) 10 17-2071 Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	15-2031	Operations Research Analysts	120	150	30	25.0	10
17-1011 Architects, Except Landscape and Naval 100 100 0 0 5 17-1022 Surveyors 160 160 0 0 0 15 17-2011 Aerospace Engineers 80 80 0 0 0 5 17-2041 Chemical Engineers 100 110 10 100 5 17-2051 Civil Engineers 620 650 30 4.8 45 17-2051 Computer Hardware Engineers 50 50 0 0 5 17-2072 Electrical Engineers 790 820 30 3.8 55 17-2072 Electronics Engineers, Except Computer 170 160 (10) (5.9) 10 17-2072 Electronics Engineers, Except Computer 170 160 (10) (5.9) 10 17-2072 Electronics Engineers, Except Computer 170 160 (10) (5.9) 10 17-2072 Electronics Engineers, Except Mining Safety Engineers and Inspectors 60 70 10 16.7 5 17	15-2098	Data Scientists and Mathematical Science Occupations, All Other	30	30	0	0.0	5
17-1022 Surveyors 160 160 0 0.0 15 17-2011 Aerospace Engineers 80 80 0 0.0 5 17-2041 Chemical Engineers 100 110 10 10.0 5 17-2051 Civil Engineers 620 650 30 4.8 45 17-2071 Electrical Engineers 50 50 0 0.0 5 17-2072 Electrical Engineers 790 820 30 3.8 55 17-2072 Electronics Engineers, Except Computer 170 160 (10) (5.9) 10 17-2081 Environmental Engineers 80 80 0 0.0 5 17-2111 Health and Safety Engineers, Except Mining Safety Engineers and Inspectors 60 70 10 16.7 5 17-2112 Industrial Engineers 730 800 70 96 55 17-2131 Materials Engineers 120 120 0 0.0 5 17-2141 Mechanical Engineers 700 740	17-0000	Architecture and Engineering Occupations	7,020	7,400	380	5.4	570
17-2011 Aerospace Engineers 80 80 0 0.0 5 17-2041 Chemical Engineers 100 110 10 10.0 5 17-2051 Civil Engineers 620 650 30 4.8 45 17-2061 Computer Hardware Engineers 50 50 0 0.0 5 17-2071 Electrical Engineers 790 820 30 3.8 55 17-2072 Electronics Engineers, Except Computer 170 160 (10) (6.9) 10 17-2081 Environmental Engineers 80 80 0 0.0 5 17-2111 Health and Safety Engineers, Except Mining Safety Engineers and Inspectors 60 70 10 16.7 5 17-2112 Industrial Engineers 730 800 70 9.6 55 17-2121 Industrial Engineers 700 740 40 5.7 45 17-2121 Industrial Engineers 700 740 40 5.7 45 17-2171 Petroleum Engineers 170	17-1011	Architects, Except Landscape and Naval	100	100	0	0.0	5
17-2041 Chemical Engineers 100 110 10 10.0 5 17-2051 Civil Engineers 620 650 30 4.8 45 17-2061 Computer Hardware Engineers 50 50 0 0.0 5 17-2071 Electrical Engineers 790 820 30 3.8 55 17-2072 Electronics Engineers, Except Computer 170 160 (10) (5.9) 10 17-2081 Environmental Engineers 80 80 0 0.0 5 17-2111 Health and Safety Engineers, Except Mining Safety Engineers and Inspectors 60 70 10 16.7 5 17-2112 Industrial Engineers 730 800 70 9.6 55 17-2121 Materials Engineers 730 800 70 9.6 55 17-2131 Materials Engineers 700 740 40 5.7 45 17-2171 Petroleum Engineers 170 220 50 29.4 15 17-2192 Engineers, All Other 440	17-1022	Surveyors	160	160	0	0.0	15
17-2051 Civil Engineers 620 650 30 4.8 45 17-2061 Computer Hardware Engineers 50 50 0 0.0 5 17-2071 Electrical Engineers 790 820 30 3.8 55 17-2072 Electronics Engineers, Except Computer 170 160 (10) (6.9) 10 17-2081 Environmental Engineers 80 80 0 0.0 5 17-2111 Health and Safety Engineers, Except Mining Safety Engineers and Inspectors 60 70 10 16.7 5 17-2112 Industrial Engineers 730 800 70 9.6 55 17-2121 Materials Engineers 120 120 0 0.0 5 17-2131 Materials Engineers 700 740 40 5.7 45 17-2141 Mechanical Engineers 170 220 50 29.4 15 17-2171 Petroleum Engineers 170 220 50 29.4 15 17-3012 Electrical and Electronics Drafters	17-2011	Aerospace Engineers	80	80	0	0.0	5
17-2061 Computer Hardware Engineers 50 50 0 0.0 5 17-2071 Electrical Engineers 790 820 30 3.8 55 17-2072 Electronics Engineers, Except Computer 170 160 (10) (5.9) 10 17-2081 Environmental Engineers 80 80 0 0.0 5 17-2111 Health and Safety Engineers, Except Mining Safety Engineers and Inspectors 60 70 10 16.7 5 17-2112 Industrial Engineers 730 800 70 9.6 55 17-2112 Industrial Engineers 120 120 0 0.0 5 17-2113 Materials Engineers 120 120 0 0.0 5 17-2121 Materials Engineers 120 120 0 0.0 5 17-2141 Mechanical Engineers 700 740 40 5.7 45 17-2171 Petroleum Engineers 170 220 50 29.4 15 17-3012 Engineers, All Other 440 <td>17-2041</td> <td>Chemical Engineers</td> <td>100</td> <td>110</td> <td>10</td> <td>10.0</td> <td>5</td>	17-2041	Chemical Engineers	100	110	10	10.0	5
17-2071 Electrical Engineers 790 820 30 3.8 55 17-2072 Electronics Engineers, Except Computer 170 160 (10) (5.9) 10 17-2081 Environmental Engineers 80 80 0 0.0 5 17-2111 Health and Safety Engineers, Except Mining Safety Engineers and Inspectors 60 70 10 16.7 5 17-2112 Industrial Engineers 730 800 70 9.6 55 17-2131 Materials Engineers 120 120 0 0.0 5 17-2141 Mechanical Engineers 700 740 40 5.7 45 17-2171 Petroleum Engineers 170 220 50 29.4 15 17-2199 Engineers, All Other 440 440 0 0.0 25 17-3011 Architectural and Electronics Drafters 200 200 0 0.0 20 17-3012 Electrical and Electronics Drafters 180 160 (20) (11.1) 15 17-3013 Mecha	17-2051	Civil Engineers	620	650	30	4.8	45
17-2072 Electronics Engineers, Except Computer 170 160 (10) (5.9) 10 17-2081 Environmental Engineers 80 80 0 0.0 5 17-2111 Health and Safety Engineers, Except Mining Safety Engineers and Inspectors 60 70 10 16.7 5 17-2112 Industrial Engineers 730 800 70 9.6 55 17-2131 Materials Engineers 120 120 0 0.0 5 17-2141 Mechanical Engineers 700 740 40 5.7 45 17-2171 Petroleum Engineers 170 220 50 29.4 15 17-2199 Engineers, All Other 440 440 0 0.0 25 17-3011 Architectural and Civil Drafters 200 200 0 0.0 20 17-3012 Electrical and Electronics Drafters 180 160 (20) (11.1) 15 17-3013 Mechanical Drafters 180 160 (20) (11.1) 15 17-3019 Drafter	17-2061	Computer Hardware Engineers	50	50	0	0.0	5
17-2081 Environmental Engineers 80 80 0 0.0 5 17-2111 Health and Safety Engineers, Except Mining Safety Engineers and Inspectors 60 70 10 16.7 5 17-2112 Industrial Engineers 730 800 70 9.6 55 17-2131 Materials Engineers 120 120 0 0.0 5 17-2141 Mechanical Engineers 700 740 40 5.7 45 17-2171 Petroleum Engineers 170 220 50 29.4 15 17-2199 Engineers, All Other 440 440 0 0.0 25 17-3011 Architectural and Civil Drafters 200 200 0 0.0 20 17-3012 Electrical and Electronics Drafters 30 30 0 0.0 5 17-3013 Mechanical Drafters 180 160 (20) (11.1) 15 17-3020 Drafters, All Other 50 60 10 20.0 5 17-3022 Civil Engineering Technologists and Techn	17-2071	Electrical Engineers	790	820	30	3.8	55
17-2111 Health and Safety Engineers, Except Mining Safety Engineers and Inspectors 60 70 10 16.7 5 17-2112 Industrial Engineers 730 800 70 9.6 55 17-2131 Materials Engineers 120 120 0 0.0 5 17-2141 Mechanical Engineers 700 740 40 5.7 45 17-2171 Petroleum Engineers 170 220 50 29.4 15 17-2199 Engineers, All Other 440 440 0 0.0 25 17-3011 Architectural and Civil Drafters 200 200 0 0.0 20 17-3012 Electrical and Electronics Drafters 30 30 0 0.0 5 17-3013 Mechanical Drafters 180 160 (20) (11.1) 15 17-3019 Drafters, All Other 50 60 10 20.0 5 17-3022 Civil Engineering Technologists and Technicians 300 300 0 0.0 30 17-3025 Environmental	17-2072	Electronics Engineers, Except Computer	170	160	(10)	(5.9)	10
17-2112 Industrial Engineers 730 800 70 9.6 55 17-2131 Materials Engineers 120 120 0 0.0 5 17-2141 Mechanical Engineers 700 740 40 5.7 45 17-2171 Petroleum Engineers 170 220 50 29.4 15 17-2199 Engineers, All Other 440 440 0 0.0 25 17-3011 Architectural and Civil Drafters 200 200 0 0.0 20 17-3012 Electrical and Electronics Drafters 30 30 0 0.0 5 17-3013 Mechanical Drafters 180 160 (20) (11.1) 15 17-3019 Drafters, All Other 50 60 10 20.0 5 17-3022 Civil Engineering Technologists and Technicians 300 300 0 0.0 30 17-3023 Electrical and Electronics Engineering Technologists and Technicians 480 490 10 2.1 45 17-3025 Environmental Engi	17-2081	Environmental Engineers	80	80	0	0.0	5
17-2131 Materials Engineers 120 120 0 0.0 5 17-2141 Mechanical Engineers 700 740 40 5.7 45 17-2171 Petroleum Engineers 170 220 50 29.4 15 17-2199 Engineers, All Other 440 440 0 0.0 25 17-3011 Architectural and Civil Drafters 200 200 0 0.0 20 17-3012 Electrical and Electronics Drafters 30 30 0 0.0 5 17-3013 Mechanical Drafters 180 160 (20) (11.1) 15 17-3019 Drafters, All Other 50 60 10 20.0 5 17-3022 Civil Engineering Technologists and Technicians 300 300 0 0.0 30 17-3023 Electrical and Electronics Engineering Technologists and Technicians 480 490 10 2.1 45 17-3025 Environmental Engineering Technologists and Technicians 100 120 20 20.0 15	17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	60	70	10	16.7	5
17-2141 Mechanical Engineers 700 740 40 5.7 45 17-2171 Petroleum Engineers 170 220 50 29.4 15 17-2199 Engineers, All Other 440 440 0 0.0 25 17-3011 Architectural and Civil Drafters 200 200 0 0.0 20 17-3012 Electrical and Electronics Drafters 30 30 0 0.0 5 17-3013 Mechanical Drafters 180 160 (20) (11.1) 15 17-3019 Drafters, All Other 50 60 10 20.0 5 17-3022 Civil Engineering Technologists and Technicians 300 300 0 0.0 30 17-3023 Electrical and Electronics Engineering Technologists and Technicians 480 490 10 2.1 45 17-3025 Environmental Engineering Technologists and Technicians 100 120 20 20.0 15	17-2112	Industrial Engineers	730	800	70	9.6	55
17-2171 Petroleum Engineers 170 220 50 29.4 15 17-2199 Engineers, All Other 440 440 0 0.0 25 17-3011 Architectural and Civil Drafters 200 200 0 0.0 20 17-3012 Electrical and Electronics Drafters 30 30 0 0.0 5 17-3013 Mechanical Drafters 180 160 (20) (11.1) 15 17-3019 Drafters, All Other 50 60 10 20.0 5 17-3022 Civil Engineering Technologists and Technicians 300 300 0 0.0 30 17-3023 Electrical and Electronics Engineering Technologists and Technicians 480 490 10 2.1 45 17-3025 Environmental Engineering Technologists and Technicians 100 120 20 20.0 15	17-2131	Materials Engineers	120	120	0	0.0	5
17-2199 Engineers, All Other 440 440 0 0.0 25 17-3011 Architectural and Civil Drafters 200 200 0 0.0 20 17-3012 Electrical and Electronics Drafters 30 30 0 0.0 5 17-3013 Mechanical Drafters 180 160 (20) (11.1) 15 17-3019 Drafters, All Other 50 60 10 20.0 5 17-3022 Civil Engineering Technologists and Technicians 300 300 0 0.0 30 17-3023 Electrical and Electronics Engineering Technologists and Technicians 480 490 10 2.1 45 17-3025 Environmental Engineering Technologists and Technicians 100 120 20 20.0 15	17-2141	Mechanical Engineers	700	740	40	5.7	45
17-3011 Architectural and Civil Drafters 200 200 0 0.0 20 17-3012 Electrical and Electronics Drafters 30 30 0 0.0 5 17-3013 Mechanical Drafters 180 160 (20) (11.1) 15 17-3019 Drafters, All Other 50 60 10 20.0 5 17-3022 Civil Engineering Technologists and Technicians 300 300 0 0.0 30 17-3023 Electrical and Electronics Engineering Technologists and Technicians 480 490 10 2.1 45 17-3025 Environmental Engineering Technologists and Technicians 100 120 20 20.0 15	17-2171	Petroleum Engineers	170	220	50	29.4	15
17-3012 Electrical and Electronics Drafters 30 30 0 0.0 5 17-3013 Mechanical Drafters 180 160 (20) (11.1) 15 17-3019 Drafters, All Other 50 60 10 20.0 5 17-3022 Civil Engineering Technologists and Technicians 300 300 0 0.0 30 17-3023 Electrical and Electronics Engineering Technologists and Technicians 480 490 10 2.1 45 17-3025 Environmental Engineering Technologists and Technicians 100 120 20 20.0 15	17-2199	Engineers, All Other	440	440	0	0.0	25
17-3013 Mechanical Drafters 180 160 (20) (11.1) 15 17-3019 Drafters, All Other 50 60 10 20.0 5 17-3022 Civil Engineering Technologists and Technicians 300 300 0 0.0 30 17-3023 Electrical and Electronics Engineering Technologists and Technicians 480 490 10 2.1 45 17-3025 Environmental Engineering Technologists and Technicians 100 120 20 20.0 15	17-3011	Architectural and Civil Drafters	200	200	0	0.0	20
17-3019Drafters, All Other50601020.0517-3022Civil Engineering Technologists and Technicians30030000.03017-3023Electrical and Electronics Engineering Technologists and Technicians480490102.14517-3025Environmental Engineering Technologists and Technicians1001202020.015	17-3012	Electrical and Electronics Drafters	30	30	0	0.0	5
17-3022Civil Engineering Technologists and Technicians30030000.03017-3023Electrical and Electronics Engineering Technologists and Technicians480490102.14517-3025Environmental Engineering Technologists and Technicians1001202020.015	17-3013	Mechanical Drafters	180	160	(20)	(11.1)	15
17-3023 Electrical and Electronics Engineering Technologists and Technicians 480 490 10 2.1 45 17-3025 Environmental Engineering Technologists and Technicians 100 120 20 20.0 15	17-3019	Drafters, All Other	50	60	10	20.0	5
17-3025 Environmental Engineering Technologists and Technicians 100 120 20 20.0 15	17-3022	Civil Engineering Technologists and Technicians	300	300	0	0.0	30
	17-3023	Electrical and Electronics Engineering Technologists and Technicians	480	490	10	2.1	45
17-3026Industrial Engineering Technologists and Technicians140150107.115	17-3025	Environmental Engineering Technologists and Technicians	100	120	20	20.0	15
	17-3026	Industrial Engineering Technologists and Technicians	140	150	10	7.1	15

	Standard Occupational Classification (SOC)	2020	2030	Proje Employme	nt Change	Projected Average
		Estimate	Employment Projection	2020		Annual Job
Code	Occupation		.,	Number	Percent	Openings
17-3027	Mechanical Engineering Technologists and Technicians	40	40	0	0.0	5
17-3031	Surveying and Mapping Technicians	300	320	20	6.7	40
17-3098	Calibration and Engineering Technologists and Technicians, Except Drafters, All Other	360	410	50	13.9	40
19-0000	Life, Physical, and Social Science Occupations	2,650	2,740	90	3.4	245
19-1023	Zoologists and Wildlife Biologists	90	100	10	11.1	10
19-1029	Biological Scientists, All Other	60	60	0	0.0	5
19-1031	Conservation Scientists	120	120	0	0.0	10
19-1032	Foresters	40	40	0	0.0	5
19-2021	Atmospheric and Space Scientists	30	30	0	0.0	-
19-2031	Chemists	150	160	10	6.7	15
19-2041	Environmental Scientists and Specialists, Including Health	100	100	0	0.0	10
19-2042	Geoscientists, Except Hydrologists and Geographers	300	300	0	0.0	30
19-2099	Physical Scientists, All Other	340	340	0	0.0	25
19-3031	Clinical, Counseling, and School Psychologists	90	110	20	22.2	10
19-3051	Urban and Regional Planners	90	100	10	11.1	10
19-3099	Social Scientists and Related Workers, All Other	70	70	0	0.0	5
19-4021	Biological Technicians	70	70	0	0.0	10
19-4031	Chemical Technicians	210	220	10	4.8	25
19-4071	Forest and Conservation Technicians	90	80	(10)	(11.1)	10
19-4099	Life, Physical, and Social Science Technicians, All Other	60	60	0	0.0	5
19-5011	Occupational Health and Safety Specialists	310	330	20	6.5	25
19-5012	Occupational Health and Safety Technicians	100	110	10	10.0	10
21-0000	Community and Social Service Occupations	5,080	5,830	750	14.8	595
21-1012	Educational, Guidance, and Career Counselors and Advisors	590	670	80	13.6	65
21-1015	Rehabilitation Counselors	100	100	0	0.0	10
21-1018	Substance Abuse, Behavioral Disorder, and Mental Health Counselors	570	660	90	15.8	65
21-1021	Child, Family, and School Social Workers	1,080	1,180	100	9.3	110
21-1022	Healthcare Social Workers	320	380	60	18.8	40
21-1023	Mental Health and Substance Abuse Social Workers	250	280	30	12.0	25
21-1029	Social Workers, All Other	300	320	20	6.7	30
21-1091	Health Education Specialists	170	190	20	11.8	20
21-1092	Probation Officers and Correctional Treatment Specialists	140	150	10	7.1	10

	Standard Occupational Classification (SOC)	2020	2030		ected	Projected
	Standard Occupational Classification (SOC)		Employment		-2030	Average Annual Job
Code	Occupation	Estimate	Projection	Number	Percent	Openings
21-1093	Social and Human Service Assistants	610	730	120	19.7	90
21-1094	Community Health Workers	350	440	90	25.7	50
21-1099	Community and Social Service Specialists, All Other	360	430	70	19.4	50
23-0000	Legal Occupations	1,570	1,670	100	6.4	105
23-1011	Lawyers	1,010	1,070	60	5.9	55
23-1023	Judges, Magistrate Judges, and Magistrates	100	110	10	10.0	5
23-2011	Paralegals and Legal Assistants	370	400	30	8.1	45
23-2093	Title Examiners, Abstractors, and Searchers	30	30	0	0.0	5
23-2099	Legal Support Workers, All Other	30	30	0	0.0	5
25-0000	Educational Instruction and Library Occupations	22,490	24,500	2,010	8.9	2,165
25-1011	Business Teachers, Postsecondary	130	160	30	23.1	15
25-1021	Computer Science Teachers, Postsecondary	60	70	10	16.7	5
25-1022	Mathematical Science Teachers, Postsecondary	120	130	10	8.3	15
25-1042	Biological Science Teachers, Postsecondary	260	310	50	19.2	30
25-1052	Chemistry Teachers, Postsecondary	30	40	10	33.3	5
25-1067	Sociology Teachers, Postsecondary	30	40	10	33.3	5
25-1069	Social Sciences Teachers, Postsecondary, All Other	90	90	0	0.0	10
25-1072	Nursing Instructors and Teachers, Postsecondary	190	230	40	21.1	25
25-1122	Communications Teachers, Postsecondary	40	40	0	0.0	5
25-1123	English Language and Literature Teachers, Postsecondary	130	140	10	7.7	15
25-1125	History Teachers, Postsecondary	80	90	10	12.5	10
25-1192	Family and Consumer Sciences Teachers, Postsecondary	30	30	0	0.0	-
25-1194	Career/Technical Education Teachers, Postsecondary	340	340	0	0.0	30
25-1199	Postsecondary Teachers, All Other	220	240	20	9.1	20
25-2011	Preschool Teachers, Except Special Education	800	960	160	20.0	100
25-2012	Kindergarten Teachers, Except Special Education	380	410	30	7.9	40
25-2021	Elementary School Teachers, Except Special Education	4,010	4,290	280	7.0	320
25-2022	Middle School Teachers, Except Special and Career/Technical Education	2,140	2,310	170	7.9	175
25-2031	Secondary School Teachers, Except Special and Career/Technical Education	2,870	3,080	210	7.3	220
25-2032	Career/Technical Education Teachers, Secondary School	660	710	50	7.6	50
25-2051	Special Education Teachers, Preschool	60	70	10	16.7	5
25-2052	Special Education Teachers, Kindergarten and Elementary School	720	770	50	6.9	60
25-2057	Special Education Teachers, Middle School	330	360	30	9.1	30

	Standard Occupational Classification (SOC)	2020	2030 Employment	Proje Employme	ected	Projected Average
Code	Occupation	Estimate	Projection	Number	Percent	Annual Job Openings
25-2058	Special Education Teachers, Secondary School	390	420	30	7.7	30
25-3011	Adult Basic Education, Adult Secondary Education, and English as a Second Language Instructors	190	180	(10)	(5.3)	20
25-3021	Self-Enrichment Teachers	450	510	60	13.3	60
25-3031	Substitute Teachers, Short-Term	1,320	1,440	120	9.1	165
25-3097	Teachers and Instructors, All Other, Except Substitute Teachers	720	750	30	4.2	85
25-4022	Librarians and Media Collections Specialists	440	480	40	9.1	45
25-4031	Library Technicians	100	100	0	0.0	15
25-9031	Instructional Coordinators	510	550	40	7.8	50
25-9045	Teaching Assistants, Except Postsecondary	3,510	3,910	400	11.4	380
25-9099	Educational Instruction and Library Workers, All Other	100	110	10	10.0	10
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	3,290	3,460	170	5.2	360
27-1023	Floral Designers	140	110	(30)	(21.4)	10
27-1024	Graphic Designers	290	290	0	0.0	25
27-1025	Interior Designers	30	30	0	0.0	5
27-1026	Merchandise Displayers and Window Trimmers	170	190	20	11.8	20
27-2012	Producers and Directors	40	40	0	0.0	5
27-2021	Athletes and Sports Competitors	90	80	(10)	(11.1)	10
27-2022	Coaches and Scouts	480	560	80	16.7	80
27-3011	Broadcast Announcers and Radio Disc Jockeys	70	60	(10)	(14.3)	5
27-3023	News Analysts, Reporters, and Journalists	60	60	0	0.0	5
27-3031	Public Relations Specialists	380	430	50	13.2	40
27-3041	Editors	40	30	(10)	(25.0)	-
27-3042	Technical Writers	80	80	0	0.0	10
27-3043	Writers and Authors	200	230	30	15.0	25
27-3091	Interpreters and Translators	50	60	10	20.0	5
27-4011	Audio and Video Technicians	50	60	10	20.0	5
27-4012	Broadcast Technicians	100	80	(20)	(20.0)	5
27-4021	Photographers	70	50	(20)	(28.6)	5
27-4031	Camera Operators, Television, Video, and Film	80	70	(10)	(12.5)	5
27-4098	Lighting Technicians and Media and Communication Equipment Workers, All Other	30	30	0	0.0	5
29-0000	Healthcare Practitioners and Technical Occupations	27,800	31,820	4,020	14.5	2,110

	Standard Occupational Classification (SOC)	2020	2030	Proje Employme	ected	Projected
	Station o occupational caussineation (500)		Employment		-2030	Average Annual Job
Code	Occupation	Estimate	Projection	Number	Percent	Openings
29-1011	Chiropractors	110	110	0	0.0	5
29-1021	Dentists, General	260	270	10	3.8	10
29-1029	Dentists, All Other Specialists	40	40	0	0.0	-
29-1031	Dietitians and Nutritionists	310	370	60	19.4	30
29-1041	Optometrists	70	70	0	0.0	-
29-1051	Pharmacists	800	860	60	7.5	35
29-1071	Physician Assistants	160	210	50	31.3	15
29-1122	Occupational Therapists	210	260	50	23.8	15
29-1123	Physical Therapists	530	650	120	22.6	35
29-1124	Radiation Therapists	40	50	10	25.0	5
29-1125	Recreational Therapists	60	70	10	16.7	5
29-1126	Respiratory Therapists	440	540	100	22.7	30
29-1127	Speech-Language Pathologists	470	590	120	25.5	45
29-1128	Exercise Physiologists	80	90	10	12.5	5
29-1131	Veterinarians	210	250	40	19.0	10
29-1141	Registered Nurses	9,740	10,940	1,200	12.3	655
29-1151	Nurse Anesthetists	180	200	20	11.1	10
29-1171	Nurse Practitioners	1,320	1,670	350	26.5	115
29-1181	Audiologists	40	50	10	25.0	5
29-1215	Family Medicine Physicians	290	330	40	13.8	10
29-1216	General Internal Medicine Physicians	150	170	20	13.3	5
29-1223	Psychiatrists	40	40	0	0.0	5
29-1228	Physicians, All Other; and Ophthalmologists, Except Pediatric	570	620	50	8.8	20
29-1248	Surgeons, Except Ophthalmologists	110	130	20	18.2	5
29-1292	Dental Hygienists	300	370	70	23.3	25
29-1298	Acupuncturists and Healthcare Diagnosing or Treating Practitioners, All Other	120	120	0	0.0	10
29-2010	Clinical Laboratory Technologists and Technicians	1,320	1,480	160	12.1	105
29-2031	Cardiovascular Technologists and Technicians	200	210	10	5.0	15
29-2032	Diagnostic Medical Sonographers	170	200	30	17.6	15
29-2033	Nuclear Medicine Technologists	50	50	0	0.0	5
29-2034	Radiologic Technologists and Technicians	870	940	70	8.0	70
29-2035	Magnetic Resonance Imaging Technologists	80	90	10	12.5	5
29-2040	Emergency Medical Technicians and Paramedics	1,110	1,300	190	17.1	95

	Standard Occupational Classification (SOC)	2020	2030	Proje Employme		Projected
	Standard Occupational Classification (SOC)		Employment		-2030	Average Annual Job
Code	Occupation	Estimate	Projection	Number	Percent	Openings
29-2052	Pharmacy Technicians	1,190	1,430	240	20.2	115
29-2053	Psychiatric Technicians	170	200	30	17.6	15
29-2055	Surgical Technologists	350	380	30	8.6	30
29-2056	Veterinary Technologists and Technicians	150	180	30	20.0	15
29-2057	Ophthalmic Medical Technicians	160	180	20	12.5	15
29-2061	Licensed Practical and Licensed Vocational Nurses	3,380	3,890	510	15.1	325
29-2081	Opticians, Dispensing	150	160	10	6.7	10
29-2098	Medical Dosimetrists, Medical Records Specialists, and Health Technologists and Technicians, All Other	1,270	1,460	190	15.0	115
29-9091	Athletic Trainers	110	120	10	9.1	10
29-9098	Health Information Technologists, Medical Registrars, Surgical Assistants, & Healthcare Practitioners, AO	200	230	30	15.0	20
31-0000	Healthcare Support Occupations	13,500	16,300	2,800	20.7	2,070
31-1100	Home Health and Personal Care Aides; and Nursing Assistants, Orderlies, and Psychiatric Aides	9,430	11,500	2,070	22.0	1,470
31-1120	Home Health and Personal Care Aides	4,230	5,560	1,330	31.4	725
31-1131	Nursing Assistants	4,070	4,830	760	18.7	610
31-1132	Orderlies	100	110	10	10.0	15
31-1133	Psychiatric Aides	1,030	1,010	(20)	(1.9)	120
31-2011	Occupational Therapy Assistants	110	160	50	45.5	20
31-2021	Physical Therapist Assistants	270	350	80	29.6	45
31-9011	Massage Therapists	170	200	30	17.6	25
31-9091	Dental Assistants	880	970	90	10.2	115
31-9092	Medical Assistants	1,470	1,780	310	21.1	220
31-9094	Medical Transcriptionists	130	130	0	0.0	15
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	220	260	40	18.2	45
31-9097	Phlebotomists	430	520	90	20.9	65
31-9099	Healthcare Support Workers, All Other	130	140	10	7.7	15
33-0000	Protective Service Occupations	11,050	12,460	1,410	12.8	1,275
33-1011	First-Line Supervisors of Correctional Officers	110	110	0	0.0	10
33-1012	First-Line Supervisors of Police and Detectives	610	680	70	11.5	45
33-1021	First-Line Supervisors of Firefighting and Prevention Workers	500	560	60	12.0	40
33-1090	Miscellaneous First-Line Supervisors, Protective Service Workers	280	320	40	14.3	35
33-2011	Firefighters	1,500	1,690	190	12.7	135

	Standard Occupational Classification (SOC)	2020	2030 Employment	Proje Employme	ected	Projected Average
Code	Occupation	Estimate	Projection	Number	Percent	Annual Job Openings
33-2022	Forest Fire Inspectors and Prevention Specialists	90	110	20	22.2	10
33-3011	Bailiffs	50	50	0	0.0	5
33-3012	Correctional Officers and Jailers	1,040	1,070	30	2.9	100
33-3021	Detectives and Criminal Investigators	280	300	20	7.1	20
33-3031	Fish and Game Wardens	40	30	(10)	(25.0)	5
33-3051	Police and Sheriff's Patrol Officers	3,220	3,580	360	11.2	295
33-9011	Animal Control Workers	40	50	10	25.0	5
33-9021	Private Detectives and Investigators	30	40	10	33.3	5
33-9031	Gambling Surveillance Officers and Gambling Investigators	130	170	40	30.8	25
33-9032	Security Guards	2,620	3,150	530	20.2	430
33-9091	Crossing Guards and Flaggers	90	100	10	11.1	20
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	130	150	20	15.4	35
33-9093	Transportation Security Screeners	80	80	0	0.0	5
33-9098	School Bus Monitors and Protective Service Workers, All Other	190	220	30	15.8	55
35-0000	Food Preparation and Serving Related Occupations	34,930	44,210	9,280	26.6	7,695
35-1011	Chefs and Head Cooks	140	180	40	28.6	25
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	3,440	4,490	1,050	30.5	685
35-2011	Cooks, Fast Food	4,250	4,730	480	11.3	695
35-2012	Cooks, Institution and Cafeteria	2,610	2,890	280	10.7	425
35-2014	Cooks, Restaurant	3,780	5,500	1,720	45.5	840
35-2015	Cooks, Short Order	340	370	30	8.8	55
35-2021	Food Preparation Workers	3,050	3,730	680	22.3	645
35-3011	Bartenders	1,830	2,320	490	26.8	395
35-3023	Fast Food and Counter Workers	6,180	8,190	2,010	32.5	1,655
35-3031	Waiters and Waitresses	6,020	7,650	1,630	27.1	1,480
35-3041	Food Servers, Nonrestaurant	480	570	90	18.8	90
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	580	730	150	25.9	130
35-9021	Dishwashers	660	800	140	21.2	130
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	1,230	1,640	410	33.3	370
35-9099	Food Preparation and Serving Related Workers, All Other	300	380	80	26.7	65
37-0000	Building and Grounds Cleaning and Maintenance Occupations	13,450	16,240	2,790	20.7	2,205
37-1011	First-Line Supervisors of Housekeeping and Janitorial Workers	750	900	150	20.0	110

	Standard Occupational Classification (SOC)	2020	2030	Proje Employme	ected Int Change	Projected Average
6.1		Estimate	Employment Projection		-2030	Annual Job
Code	Occupation		.,	Number	Percent	Openings
37-1012	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers	350	410	60	17.1	45
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	7,000	8,640	1,640	23.4	1,200
37-2012	Maids and Housekeeping Cleaners	2,610	2,920	310	11.9	395
37-2021	Pest Control Workers	470	620	150	31.9	85
37-3011	Landscaping and Groundskeeping Workers	2,190	2,650	460	21.0	355
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	30	40	10	33.3	5
39-0000	Personal Care and Service Occupations	9,760	11,470	1,710	17.5	1,650
39-1013	First-Line Supervisors of Gambling Services Workers	450	570	120	26.7	65
39-1098	First-Line Supervisors of Personal Service & Entertainment and Recreation Workers, Exc Gambling Services	560	700	140	25.0	80
39-3011	Gambling Dealers	1,610	2,340	730	45.3	355
39-3012	Gambling and Sports Book Writers and Runners	90	90	0	0.0	15
39-3019	Gambling Service Workers, All Other	50	70	20	40.0	10
39-3031	Ushers, Lobby Attendants, and Ticket Takers	120	200	80	66.7	45
39-3091	Amusement and Recreation Attendants	470	510	40	8.5	105
39-3099	Entertainment Attendants and Related Workers, All Other	130	160	30	23.1	30
39-4021	Funeral Attendants	180	170	(10)	(5.6)	20
39-4031	Morticians, Undertakers, and Funeral Arrangers	90	90	0	0.0	10
39-5012	Hairdressers, Hairstylists, and Cosmetologists	770	780	10	1.3	85
39-5094	Skincare Specialists	100	110	10	10.0	15
39-6011	Baggage Porters and Bellhops	110	140	30	27.3	20
39-6012	Concierges	70	80	10	14.3	10
39-7010	Tour and Travel Guides	110	150	40	36.4	25
39-9011	Childcare Workers	1,920	2,100	180	9.4	295
39-9031	Exercise Trainers and Group Fitness Instructors	470	510	40	8.5	80
39-9032	Recreation Workers	610	690	80	13.1	110
41-0000	Sales and Related Occupations	40,340	42,510	2,170	5.4	6,020
41-1011	First-Line Supervisors of Retail Sales Workers	5,880	6,040	160	2.7	640
41-1012	First-Line Supervisors of Non-Retail Sales Workers	720	700	(20)	(2.8)	60
41-2011	Cashiers	13,310	14,030	720	5.4	2,540
41-2012	Gambling Change Persons and Booth Cashiers	270	350	80	29.6	65
41-2021	Counter and Rental Clerks	1,050	1,070	20	1.9	120

	Standard Occupational Classification (SOC)	2020	2030	Proje Employme		Projected Average
	, , ,		Employment	2020-	- 1	Annual Job
Code	Occupation	Estimate	Projection	Number	Percent	Openings
41-2022	Parts Salespersons	790	780	(10)	(1.3)	90
41-2031	Retail Salespersons	11,980	12,910	930	7.8	1,815
41-3011	Advertising Sales Agents	150	120	(30)	(20.0)	15
41-3021	Insurance Sales Agents	960	980	20	2.1	90
41-3031	Securities, Commodities, and Financial Services Sales Agents	300	320	20	6.7	25
41-3091	Sales Representatives of Services, Except Advertising, Insurance, Financial Services, and Travel	970	1,070	100	10.3	125
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	190	190	0	0.0	20
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	2,320	2,470	150	6.5	245
41-9022	Real Estate Sales Agents	720	710	(10)	(1.4)	60
43-0000	Office and Administrative Support Occupations	46,150	46,820	670	1.5	5,155
43-1011	First-Line Supervisors of Office and Administrative Support Workers	4,220	4,370	150	3.6	435
43-3011	Bill and Account Collectors	430	410	(20)	(4.7)	45
43-3021	Billing and Posting Clerks	1,230	1,360	130	10.6	145
43-3031	Bookkeeping, Accounting, and Auditing Clerks	4,170	4,130	(40)	(1.0)	450
43-3041	Gambling Cage Workers	130	200	70	53.8	25
43-3051	Payroll and Timekeeping Clerks	270	280	10	3.7	30
43-3061	Procurement Clerks	280	260	(20)	(7.1)	20
43-3071	Tellers	1,530	1,330	(200)	(13.1)	130
43-4031	Court, Municipal, and License Clerks	960	1,080	120	12.5	110
43-4051	Customer Service Representatives	5,570	6,250	680	12.2	810
43-4061	Eligibility Interviewers, Government Programs	310	320	10	3.2	30
43-4071	File Clerks	150	130	(20)	(13.3)	15
43-4081	Hotel, Motel, and Resort Desk Clerks	1,280	1,470	190	14.8	245
43-4111	Interviewers, Except Eligibility and Loan	940	990	50	5.3	125
43-4121	Library Assistants, Clerical	220	220	0	0.0	35
43-4131	Loan Interviewers and Clerks	630	690	60	9.5	65
43-4141	New Accounts Clerks	140	130	(10)	(7.1)	10
43-4151	Order Clerks	100	100	0	0.0	10
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	280	270	(10)	(3.6)	25
43-4171	Receptionists and Information Clerks	2,130	2,280	150	7.0	290
43-4199	Information and Record Clerks, All Other	410	430	20	4.9	45

	Standard Occupational Classification (SOC)	2020 Employment	2030 Employment	Proje Employme 2020-	nt Change	Projected Average Annual Job
Code	Occupation	Estimate	Projection	Number	Percent	Openings
43-5011	Cargo and Freight Agents	60	60	0	0.0	5
43-5021	Couriers and Messengers	360	340	(20)	(5.6)	30
43-5031	Public Safety Telecommunicators	480	540	60	12.5	50
43-5032	Dispatchers, Except Police, Fire, and Ambulance	470	500	30	6.4	45
43-5041	Meter Readers, Utilities	140	130	(10)	(7.1)	10
43-5051	Postal Service Clerks	270	230	(40)	(14.8)	15
43-5052	Postal Service Mail Carriers	1,100	950	(150)	(13.6)	55
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	100	90	(10)	(10.0)	5
43-5061	Production, Planning, and Expediting Clerks	1,190	1,220	30	2.5	125
43-5071	Shipping, Receiving, and Inventory Clerks	1,170	1,170	0	0.0	110
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	50	60	10	20.0	5
43-6011	Executive Secretaries and Executive Administrative Assistants	710	570	(140)	(19.7)	55
43-6012	Legal Secretaries and Administrative Assistants	360	290	(70)	(19.4)	25
43-6013	Medical Secretaries and Administrative Assistants	1,400	1,600	200	14.3	180
	Secretaries and Administrative Assistants, Except Legal, Medical, and			,		
43-6014	Executive	6,470	6,080	(390)	(6.0)	630
43-9021	Data Entry Keyers	260	210	(50)	(19.2)	20
43-9041	Insurance Claims and Policy Processing Clerks	180	210	30	16.7	20
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	80	70	(10)	(12.5)	5
43-9061	Office Clerks, General	5,190	5,150	(40)	(0.8)	585
	Office and Administrative Support Workers, All Other	250	270	20	8.0	30
45-0000	Farming, Fishing, and Forestry Occupations	3,460	3,700	240	6.9	575
45-1011	First-Line Supervisors of Farming, Fishing, and Forestry Workers	130	140	10	7.7	20
45-2011	Agricultural Inspectors	160	150	(10)	(6.3)	25
45-2041	Graders and Sorters, Agricultural Products	320	370	50	15.6	55
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	290	310	20	6.9	50
45-2093	Farmworkers, Farm, Ranch, and Aquacultural Animals	1,310	1,490	180	13.7	235
45-4023	Log Graders and Scalers	30	30	0	0.0	5
47-0000	Construction and Extraction Occupations	22,150	23,180	1,030	4.7	2,345
47-1011	First-Line Supervisors of Construction Trades and Extraction Workers	2,930	3,050	120	4.1	290
47-2011	Boilermakers	120	120	0	0.0	10
47-2021	Brickmasons and Blockmasons	70	70	0	0.0	5
47-2031	Carpenters	1,970	1,930	(40)	(2.0)	175

Standard Occupational Classification (SOC)		2020	2030	Projected Employment Change		Projected Average
		Employment Estimate	Employment Projection	2020-		Annual Job
Code	Occupation	Estillate	Fiojection	Number	Percent	Openings
47-2044	Tile and Stone Setters	30	30	0	0.0	5
47-2051	Cement Masons and Concrete Finishers	290	310	20	6.9	30
47-2061	Construction Laborers	4,490	4,540	50	1.1	445
47-2071	Paving, Surfacing, and Tamping Equipment Operators	400	410	10	2.5	45
47-2073	Operating Engineers and Other Construction Equipment Operators	1,360	1,470	110	8.1	160
47-2111	Electricians	2,930	3,150	220	7.5	335
47-2131	Insulation Workers, Floor, Ceiling, and Wall	310	310	0	0.0	30
47-2141	Painters, Construction and Maintenance	1,130	1,140	10	0.9	100
47-2151	Pipelayers	150	150	0	0.0	15
47-2152	Plumbers, Pipefitters, and Steamfitters	1,460	1,550	90	6.2	160
47-2171	Reinforcing Iron and Rebar Workers	70	60	(10)	(14.3)	5
47-2181	Roofers	240	250	10	4.2	25
47-2211	Sheet Metal Workers	650	670	20	3.1	60
47-2221	Structural Iron and Steel Workers	140	150	10	7.1	15
	HelpersBrickmasons, Blockmasons, Stonemasons, and Tile and Marble					
47-3011	Setters	40	40	0	0.0	5
47-3012	HelpersCarpenters	60	60	0	0.0	10
47-3013	HelpersElectricians	320	320	0	0.0	40
47-3015	HelpersPipelayers, Plumbers, Pipefitters, and Steamfitters	140	150	10	7.1	20
	Construction and Building Inspectors	300	320	20	6.7	35
47-4051	Highway Maintenance Workers	1,080	1,210	130	12.0	130
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	60	80	20	33.3	10
47-5013	Service Unit Operators, Oil and Gas	120	160	40	33.3	20
47-5022	Excavating and Loading Machine and Dragline Operators, Surface Mining	100	100	0	0.0	10
47-5071	Roustabouts, Oil and Gas	250	360	110	44.0	45
47-5097	Earth Drillers, Except Oil and Gas; and Explosives Workers, Ordnance Handling Experts, and Blasters	90	100	10	11.1	15
49-0000	Installation, Maintenance, and Repair Occupations	19,000	20,060	1,060	5.6	1,950
49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	1,610	1,730	120	7.5	160
49-2011	Computer, Automated Teller, and Office Machine Repairers	130	140	10	7.7	15
43-7011	Telecommunications Equipment Installers and Repairers, Except Line	130	140	10	1.1	13
49-2022	Installers	900	900	0	0.0	100
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	250	250	0	0.0	20
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	240	250	10	4.2	20

	Standard Occupational Classification (SOC)	2020 Employment	2030 Employment	Proje Employme	nt Change	Projected Average
Code	Occupation	Estimate	Projection	2020- Number	2030 Percent	Annual Job Openings
49-3011	Aircraft Mechanics and Service Technicians	390	380	(10)	(2.6)	30
49-3021	Automotive Body and Related Repairers	500	460	(40)	(8.0)	40
49-3023	Automotive Service Technicians and Mechanics	2,040	1,950	(90)	(4.4)	185
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	860	920	60	7.0	85
49-3041	Farm Equipment Mechanics and Service Technicians	150	170	20	13.3	15
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	630	630	0	0.0	60
49-3043	Rail Car Repairers	200	210	10	5.0	20
49-3051	Motorboat Mechanics and Service Technicians	40	40	0	0.0	5
49-3052	Motorcycle Mechanics	30	30	0	0.0	5
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	60	60	0	0.0	10
49-3093	Tire Repairers and Changers	260	230	(30)	(11.5)	25
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	50	50	0	0.0	5
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	870	960	90	10.3	95
49-9041	Industrial Machinery Mechanics	1,380	1,470	90	6.5	130
49-9043	Maintenance Workers, Machinery	180	180	0	0.0	15
49-9044	Millwrights	190	200	10	5.3	15
49-9051	Electrical Power-Line Installers and Repairers	740	770	30	4.1	70
49-9052	Telecommunications Line Installers and Repairers	180	210	30	16.7	25
49-9069	Precision Instrument and Equipment Repairers, All Other	40	40	0	0.0	5
49-9071	Maintenance and Repair Workers, General	5,210	5,820	610	11.7	575
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	150	160	10	6.7	20
49-9096	Riggers	320	350	30	9.4	40
49-9098	HelpersInstallation, Maintenance, and Repair Workers	350	370	20	5.7	50
49-9099	Installation, Maintenance, and Repair Workers, All Other	390	390	0	0.0	40
51-0000	Production Occupations	27,970	29,890	1,920	6.9	3,365
51-1011	First-Line Supervisors of Production and Operating Workers	2,190	2,350	160	7.3	235
51-2011	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	150	130	(20)	(13.3)	10
51-2041	Structural Metal Fabricators and Fitters	190	160	(30)	(15.8)	15
51-2090	Miscellaneous Assemblers and Fabricators	1,500	1,570	70	4.7	175
51-3011	Bakers	260	310	50	19.2	40
51-3021	Butchers and Meat Cutters	510	490	(20)	(3.9)	55
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	3,280	4,380	1,100	33.5	550
51-3023	Slaughterers and Meat Packers	650	870	220	33.8	110

Standard Occupational Classification (SOC)		2020	2030 Employment	Projected Employment Change		Projected Average
Cada	Occupation	Estimate	Projection	2020-		Annual Job
Code	Occupation			Number	Percent	Openings
51-3092	Food Batchmakers	130	170	40	30.8	20
51-3099	Food Processing Workers, All Other	150	180	30	20.0	20
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	40	30	(10)	(25.0)	-
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	100	100	0	0.0	10
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	180	160	(20)	(11.1)	15
	Machinists	830	840	10	1.2	85
51-4041	Metal-Refining Furnace Operators and Tenders	40	50	10	25.0	5
	Pourers and Casters, Metal					
51-4052		50	50	0	0.0	5
51-4071	Foundry Mold and Coremakers Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders,	120	110	(10)	(8.3)	10
51-4072	Metal and Plastic	120	110	(10)	(8.3)	10
51-4111	Tool and Die Makers	30	30	0	0.0	5
51-4121	Welders, Cutters, Solderers, and Brazers	3,160	3,320	160	5.1	355
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	190	190	0	0.0	20
51-4199	Metal Workers and Plastic Workers, All Other	40	40	0	0.0	5
51-5100	Printing Workers	210	190	(20)	(9.5)	20
51-5112	Printing Press Operators	130	120	(10)	(7.7)	15
51-5113	Print Binding and Finishing Workers	60	60	0	0.0	5
51-6011	Laundry and Dry-Cleaning Workers	680	720	40	5.9	95
51-6021	Pressers, Textile, Garment, and Related Materials	150	110	(40)	(26.7)	10
51-6031	Sewing Machine Operators	170	150	(20)	(11.8)	15
51-7011	Cabinetmakers and Bench Carpenters	50	50	0	0.0	5
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	810	780	(30)	(3.7)	85
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	610	590	(20)	(3.3)	60
51-8013	Power Plant Operators	140	130	(10)	(7.1)	10
51-8021	Stationary Engineers and Boiler Operators	180	190	10	5.6	20
51-8031	Water and Wastewater Treatment Plant and System Operators	620	640	20	3.2	60
51-8092	Gas Plant Operators	60	60	0	0.0	5
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers	1,170	1,280	110	9.4	135
51-8099	Plant and System Operators, All Other	60	60	0	0.0	5
51-9011	Chemical Equipment Operators and Tenders	430	420	(10)	(2.3)	40
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	30	30	0	0.0	5

	Standard Occupational Classification (SOC)	1 -	2030 Employment	Proje Employme 2020-	nt Change	Projected Average Annual Job
Code	Occupation	Estimate	Projection	Number	Percent	Openings
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	90	100	10	11.1	10
51-9022	Grinding and Polishing Workers, Hand	40	40	0	0.0	5
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	510	540	30	5.9	60
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	50	40	(10)	(20.0)	5
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	50	40	(10)	(20.0)	5
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	110	110	0	0.0	10
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	1,340	1,220	(120)	(9.0)	140
51-9081	Dental Laboratory Technicians	50	50	0	0.0	5
51-9083	Ophthalmic Laboratory Technicians	120	130	10	8.3	15
51-9111	Packaging and Filling Machine Operators and Tenders	450	510	60	13.3	60
51-9123	Painting, Coating, and Decorating Workers	80	80	0	0.0	5
51-9124	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	810	800	(10)	(1.2)	80
51-9193	Cooling and Freezing Equipment Operators and Tenders	100	120	20	20.0	15
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	110	100	(10)	(9.1)	10
51-9196	Paper Goods Machine Setters, Operators, and Tenders	220	210	(10)	(4.5)	25
51-9198	HelpersProduction Workers	1,430	1,800	370	25.9	265
51-9199	Production Workers, All Other	150	170	20	13.3	20
53-0000	Transportation and Material Moving Occupations	35,150	38,530	3,380	9.6	4,935
53-2011	Airline Pilots, Copilots, and Flight Engineers	80	80	0	0.0	10
53-3031	Driver/Sales Workers	1,170	1,310	140	12.0	150
53-3032	Heavy and Tractor-Trailer Truck Drivers	5,670	5,940	270	4.8	660
53-3033	Light Truck Drivers	3,150	3,500	350	11.1	395
53-3052	Bus Drivers, Transit and Intercity	150	190	40	26.7	25
53-3058	Passenger Vehicle Drivers, Except Bus Drivers, Transit and Intercity	3,130	3,780	650	20.8	465
53-5011	Sailors and Marine Oilers	50	60	10	20.0	10
53-5021	Captains, Mates, and Pilots of Water Vessels	60	70	10	16.7	10
53-6021	Parking Attendants	200	250	50	25.0	40
53-6031	Automotive and Watercraft Service Attendants	420	420	0	0.0	55
53-7021	Crane and Tower Operators	260	250	(10)	(3.8)	25
53-7051	Industrial Truck and Tractor Operators	1,400	1,540	140	10.0	170
53-7061	Cleaners of Vehicles and Equipment	830	920	90	10.8	130
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	7,950	9,080	1,130	14.2	1,225

	Standard Occupational Classification (SOC)		2020 2030 mployment Employment Estimate Projection	Projected Employment Change 2020-2030		Projected Average Annual Job
Code	Occupation	Estimate		Number	Percent	Openings
53-7064	Packers and Packagers, Hand	1,020	1,120	100	9.8	155
53-7065	Stockers and Order Fillers	6,330	6,410	80	1.3	990
53-7072	Pump Operators, Except Wellhead Pumpers	30	30	0	0.0	5
53-7073	Wellhead Pumpers	80	80	0	0.0	10
53-7081	Refuse and Recyclable Material Collectors	630	740	110	17.5	105