

# DELAWARE 2026

## *Occupation & Industry Projections*



Office of Occupational  
& Labor Market Information

Delaware Department of Labor  
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# DELAWARE 2026

## Occupation & Industry Projections



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### Acknowledgements

This report was written by George Sharpley, Ph.D., Chief, Office of Occupational & Labor Market Information (OOLMI). He and Thomas E. Dougherty, Labor Market Economist, generated the projections. Kristie Manley developed the design and layout.

**Contact:** George Sharpley  
Delaware Department of Labor  
Office of Occupational & Labor Market Information  
Fox Valley Annex  
19 West Lea Blvd.  
Wilmington, DE 19802  
Phone: (302) 761-8060  
Email: [george.sharpley@state.de.us](mailto:george.sharpley@state.de.us)



# Introduction

Every two years, the federal Bureau of Labor Statistics (BLS) produces industry and occupation forecasts for a period ten years into the future and the states are asked to do the same for their respective economies. This publication presents Delaware's efforts for the period 2016 to 2026. It supersedes the last such set of projections, which were generated for the 2014-2024 period and published in August, 2016.

Delaware is projected to have 28,670 more jobs in 2026 than in 2016, for an average annual growth rate of 0.6 percent. **Health Care and Social Assistance**, already the state's biggest employer by a wide margin, is again expected to show the most growth, accounting for one-third of the total new jobs projected.

Job openings occur when the number of jobs at employers within the state are increasing (growth), or when workers currently in those jobs either find work in another field or exit the labor force altogether (replacements). For these projections a new methodology for estimating replacements has been developed by BLS, resulting in a large increase in projected replacement needs compared with previous projection rounds. In the last set of projections for the period 2014 to 2024, there were fewer than 3 job openings due to replacement for each opening due to growth. In this set of projections there are 15 job openings due to replacement for every one due to growth. As a result, we have changed our criteria for determining job availability from openings due solely to growth, and now use total job openings instead. Details on the new methodology can be found here: <https://www.bls.gov/emp/documentation/separations.htm>



# Occupation Projections by Occupational Group

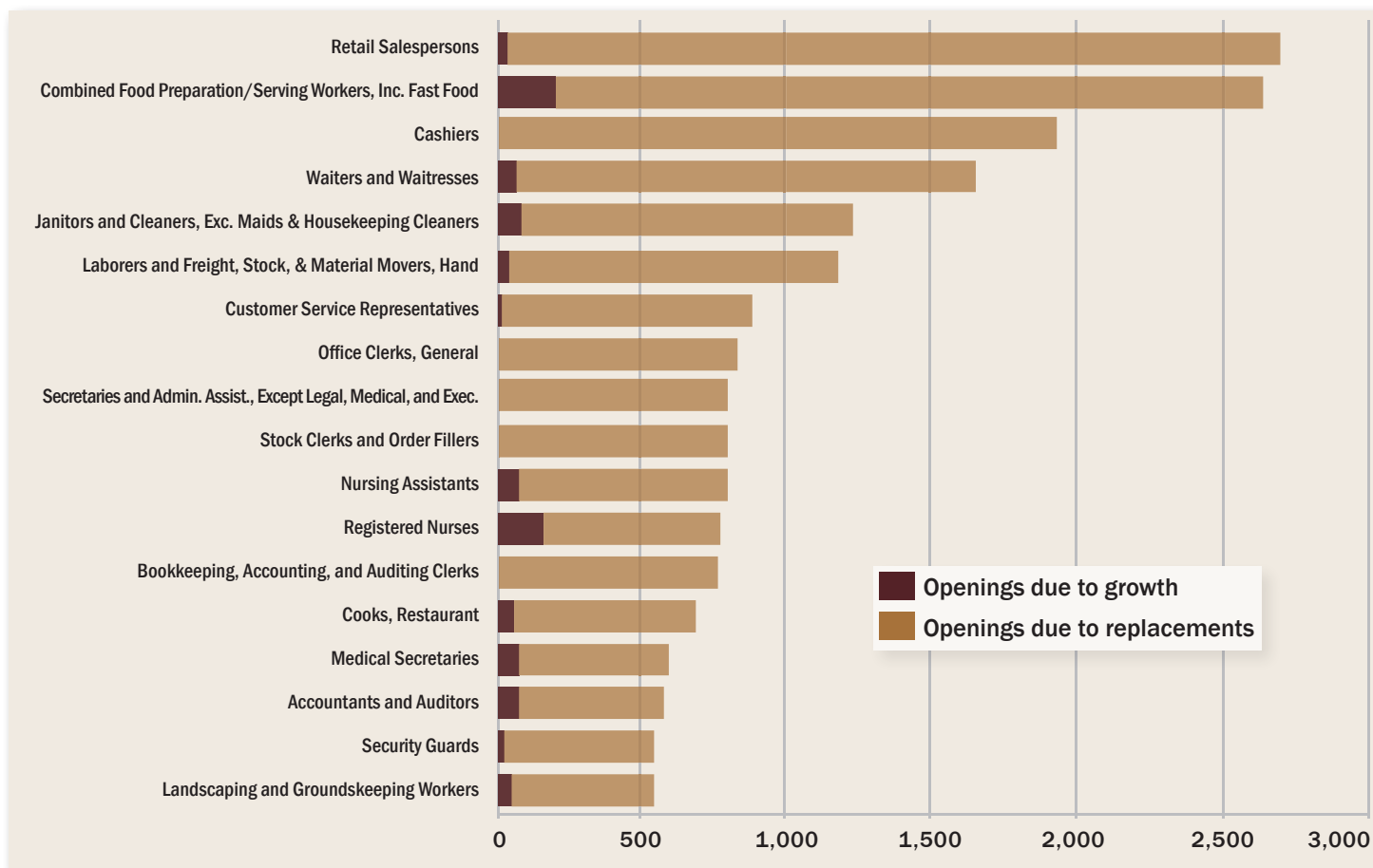
In this section, we present job projections and associated data for 504 specific occupations in Delaware, listed by major occupational group. The data elements provided for each occupation are: the Standard Occupational Classification (SOC) code, an estimate of the total number of filled jobs in the state in 2016, the projection of total filled jobs in 2026, the skill category, wage category, job availability, and usual education, experience, and training requirements. In the following section we present these same occupations arranged by the 16 career clusters used by state educators. There you will find the forecasted annual growth rate, annual openings due to growth, annual openings due to net replacement, and the 2016 estimated average annual wage for each occupation.

Estimates of past employment levels and projections of future employment levels do not refer to the demand for workers, nor to the supply of workers. They refer to

the equilibrium point where the supply and demand for labor are equal, that is, filled jobs. Labor demand and labor supply each have many possible employment levels, depending on the wage level. The wage level adjusts until the supply and demand for any given occupation are the same - that point is the employment estimate or projection for that occupation. Any forecast a decade into the future that predicts shortages or surpluses ignores this fact and is not well grounded in economic theory.

For ease of comparison, this first section presents occupational wages by wage categories. To create the categories, we divided the 504 occupations into quintiles. There are 101 occupations in each category except for Average, which has 100 occupations. These categories are based on the 2016 average annual wage for each occupation. Of course, it should be recognized that some people working in each occupation were paid less than

## Occupations With the Most Annual Openings, 2016–2026





the average, and some were paid more than the average, and that those just entering an occupation should expect to be paid less than this amount. More detailed wage distributions for most of these occupations, including estimates for entry- and experienced level wages, can be obtained by contacting our office.

The lowest-paying 101 occupations (Low) paid below \$31,700 per year. The next lowest-paying 101 occupations, those in the Below Average category (-Avg), had average wages between \$31,701 and \$42,000 per year. The middle category, Average (Avg) paid from \$42,001 to \$57,000. The second highest-paying category, Above Average (+Avg), had average wages from \$57,001 to \$76,500, while the 102 highest-paying occupations (High) had average annual wages exceeding \$76,500.

### Wage Categories

Wage Category	Abbreviation	2016 Average Annual Wage
Low	Low	Below \$31,700
Below Average	-Avg	\$31,701 to \$42,000
Average	Avg	\$42,001 to \$57,000
Above Average	+Avg	\$57,001 to \$76,500
High	High	Above \$76,500

The placement of occupations into job availability categories is based on the expected total annual openings. This is a change from previous publications, where it was based solely on growth. The change was made because the federal Bureau of Labor Statistics (BLS) changed the methodology for estimating replacements, resulting in a dramatic increase in replacement needs (a replacement is when someone leaves an occupation, creating a job opening with no net increase in the occupation when that opening is filled). The replacements estimate is about five times higher than in the last set of projections, while our projections for overall growth have gone down. In these current projections, most job openings occur when an incumbent transfers into a new occupation or exits the labor force altogether, not when a new or expanding business creates a new job.

There are four categories of job availability: Poor, with fewer than 10 annual total openings projected; Fair, with from 10 to 39 annual total openings projected; Good, with from 40 to 99 such openings; and Excellent (Excl), with 100 or more total annual openings projected. There are 119 occupations with Excellent job availability, another 112 in the Good category, 170 with Fair job availability prospects, and 103 in the Poor category.

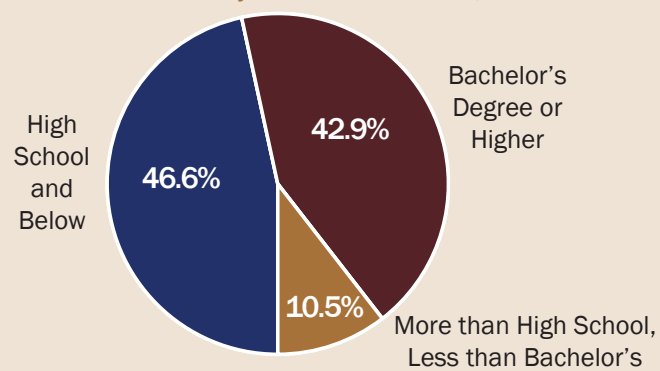
The rest of the data refer to education, experience, and training requirements. There are seven levels of

### Job Availability Categories

Category	Annual Total Openings	Number of Occupations in each Category
Poor	<10	103
Fair	10 to 39	170
Good	40 to 99	112
Excellent (Excl)	100 or more	119

education, which are intended to describe the typical education level of someone entering the occupation. The education categories range from no formal educational credential (NFE), high school diploma or equivalent (HS), postsecondary vocational training (VocEd), associate's degree (Assoc), bachelor's degree (Bach), and master's degree (Mast) through doctoral or professional degree (PhD/prof). Some occupations typically require experience working in a related field. The work experience measure captures this as one of three possible values: none, less than five years (<5), and five years or more (5+). The on-the-job training field has six possible measures for the typical amount of training required to be considered competent in the occupation. These range from none, short-term on-the-job training of one month or less (SOJT), moderate-term on-the-job training of from one month to one year (MOJT), long-term on-the-job training of over one year (LOJT), and apprenticeship (App) through internship or residency (Int). Those interested in further details on the education, experience, and training requirements should go to: [https://www.bls.gov/emp/ep\\_education\\_tech.htm](https://www.bls.gov/emp/ep_education_tech.htm)

### New Jobs Created by Level of Education, 2016–2026



The skill category places each occupation into the high skill (H), middle skill (M), or low skill (L) category based on a combination of education, work experience, training, and formal certification. We worked closely with the Delaware Department of Education's Career and Technical Education office to develop the categories, which are illustrated in the table below.

## Delaware Skills Categories

	Work Experience (years)			Training					Certification	
Education	None	Less than 5 yrs	More than 5 yrs	SOJT (<1 mo.)	MOJT (1-12 mo.)	LOJT (1 yr+)	Apprenticeship	Internship/Residency	No	Yes
Ph.D./Professional Degree	H	H	H	H	H	H	H	H	H	H
Master's	H	H	H	H	H	H	H	H	H	H
Bachelor's	H	H	H	H	H	H	H	H	H	H
Associate's	M	M	H	M	M	M	M	H	M	M
Post-Secondary Certificate/Vocational	M	M	M	M	M	M	M	M	M	M
High School or Equivalent	L	M	M	L	M	M	M	M	L	M
No Formal Education Credential	L	L	L	L	L	M	M	M	L	M

H = High Skill    M = Middle Skill    L = Low Skill

## Projected Openings and Growth by Education Level, 2016–2026

Education	Total Openings 2016–2026	Percent of Total Openings	New Jobs	Annual Percent Growth	2017 Unemployment Rate
Ph.D./Professional	6,455	1.2%	1,076	0.9%	3.0%*
Master's	9,227	1.7%	1,259	1.3%	3.0%*
Bachelor's	98,096	18.3%	12,208	1.1%	3.0%*
Associate's	11,489	2.1%	1,128	0.9%	4.0%
Vocational Education	30,977	5.8%	2,435	0.8%	Not Available
High School Graduate	189,631	35.4%	8,675	0.3%	5.8%
No Formal Education	189,503	35.4%	7,117	0.5%	4.3%

\*Unemployment rate is for Bachelor's degree or higher

## Wages by Level of Education, 2016

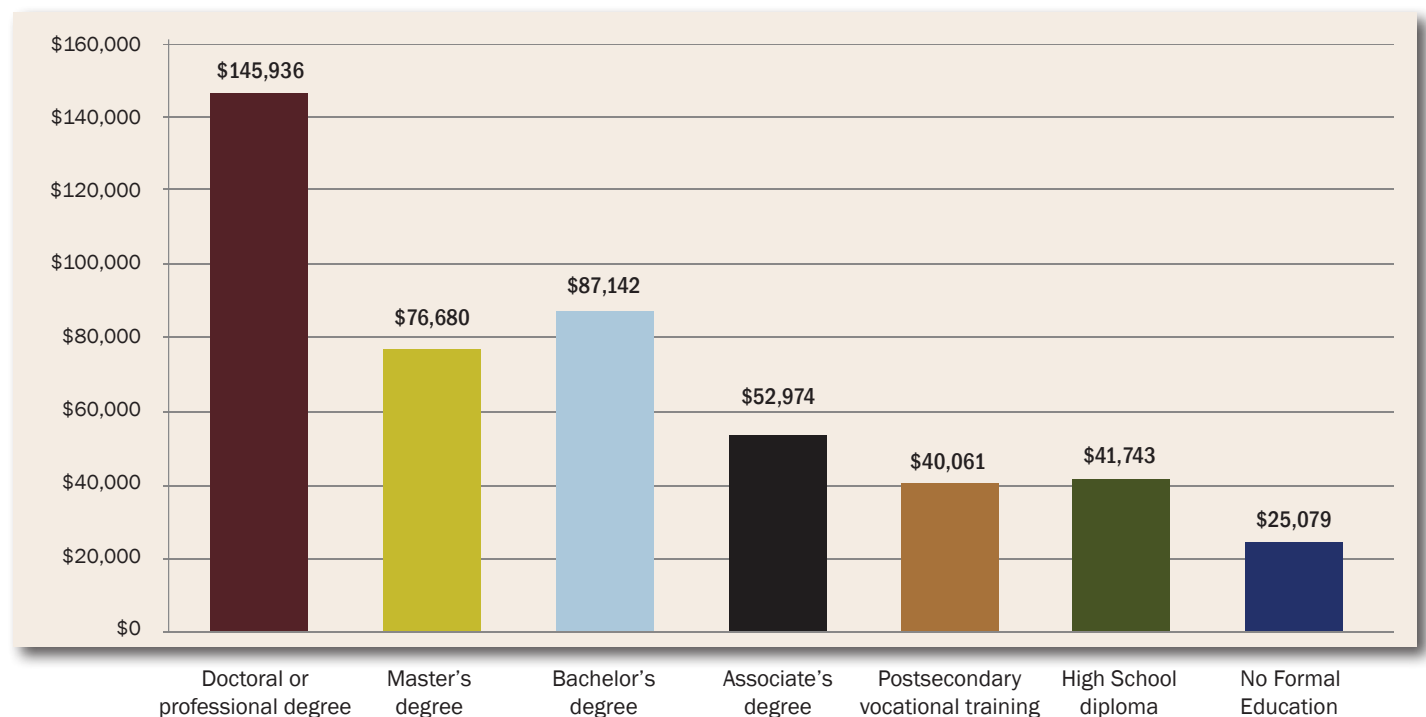




Table 1: Occupation Projections by Occupational Group

SOC Code	Title of Occupation	2016 Est. Empl.	2026 Proj. Empl.	Wage Cat.	Job Avail.	Educ.	Work Exp.	Job Training	Skill
<b>11-0000 Management Occupations</b>									
11-1011	Chief Executives	535	513	High	Fair	Bach	5+	None	H
11-1021	General and Operations Managers	4,922	5,402	High	Excl	Bach	5+	None	H
11-2011	Advertising and Promotions Managers	81	94	High	Poor	Bach	<5	None	H
11-2021	Marketing Managers	972	1,111	High	Excl	Bach	5+	None	H
11-2022	Sales Managers	857	934	High	Good	Bach	<5	None	H
11-2031	Public Relations and Fundraising Managers	223	259	High	Fair	Bach	5+	None	H
11-3011	Administrative Services Managers	706	793	High	Good	Bach	<5	None	H
11-3021	Computer and Information Systems Managers	1,183	1,362	High	Excl	Bach	5+	None	H
11-3031	Financial Managers	2,505	3,096	High	Excl	Bach	5+	None	H
11-3051	Industrial Production Managers	318	316	High	Fair	Bach	5+	None	H
11-3061	Purchasing Managers	122	137	High	Fair	Bach	5+	None	H
11-3071	Transportation, Storage, and Distribution Managers	364	405	High	Fair	HS	5+	None	M
11-3111	Compensation and Benefits Managers	59	61	High	Poor	Bach	5+	None	H
11-3121	Human Resources Managers	361	403	High	Fair	Bach	5+	None	H
11-3131	Training and Development Managers	74	86	High	Poor	Bach	5+	None	H
11-9021	Construction Managers	646	703	High	Good	Bach	None	MOJT	H
11-9031	Education Administrators, Preschool and Childcare Center/Program	225	239	Avg	Fair	Bach	<5	None	H
11-9032	Education Administrators, Elementary and Secondary School	767	815	High	Good	Mast	5+	None	H
11-9033	Education Administrators, Postsecondary	361	392	High	Fair	Mast	<5	None	H
11-9039	Education Administrators, All Other	60	66	High	Poor	Bach	<5	None	H
11-9041	Architectural and Engineering Managers	516	558	High	Good	Bach	5+	None	H
11-9051	Food Service Managers	507	554	+Avg	Good	HS	<5	None	M
11-9061	Funeral Service Managers	72	76	High	Poor	Assoc	<5	None	M
11-9081	Lodging Managers	89	99	+Avg	Fair	HS	<5	None	M
11-9111	Medical and Health Services Managers	778	897	High	Good	Bach	<5	None	H
11-9121	Natural Sciences Managers	608	699	High	Good	Bach	5+	None	H
11-9141	Property, Real Estate, and Community Association Managers	678	749	+Avg	Good	HS	<5	None	M
11-9151	Social and Community Service Managers	951	1099	+Avg	Excl	Bach	<5	None	H
11-9199	Managers, All Other	2,040	2,254	High	Excl	Bach	<5	None	H
<b>13-0000 Business and Financial Operations Occupations</b>									
13-1022	Wholesale and Retail Buyers, Except Farm Products	143	131	+Avg	Fair	Bach	None	MOJT	H
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	751	734	+Avg	Good	Bach	None	MOJT	H

## Occupation Projections by Occupational Group

SOC Code	Title of Occupation	2016 Est. Empl.	2026 Proj. Empl.	Wage Cat.	Job Avail.	Educ.	Work Exp.	Job Training	Skill
13-1031	Claims Adjusters, Examiners, and Investigators	684	655	+Avg	Good	HS	None	LOJT	M
13-1041	Compliance Officers	1,109	1,249	+Avg	Excl	Bach	None	MOJT	H
13-1051	Cost Estimators	1,218	1,305	+Avg	Excl	Bach	None	MOJT	H
13-1071	Human Resources Specialists	1,702	1,827	+Avg	Excl	Bach	None	None	H
13-1075	Labor Relations Specialists	1,193	1,126	+Avg	Excl	Bach	<5	None	H
13-1111	Management Analysts	2,277	2,586	High	Excl	Bach	<5	None	H
13-1121	Meeting, Convention, and Event Planners	302	333	Avg	Fair	Bach	None	None	H
13-1131	Fundraisers	437	512	Avg	Good	Bach	None	None	H
13-1141	Compensation, Benefits, and Job Analysis Specialists	178	188	+Avg	Fair	Bach	<5	None	H
13-1151	Training and Development Specialists	932	1,032	+Avg	Excl	Bach	<5	None	H
13-1161	Market Research Analysts and Marketing Specialists	2,075	2,557	High	Excl	Bach	None	None	H
13-1199	Business Operations Specialists, All Other	1,619	1,787	+Avg	Excl	Bach	None	None	H
13-2011	Accountants and Auditors	5,337	6,061	High	Excl	Bach	None	None	H
13-2021	Appraisers and Assessors of Real Estate	183	207	+Avg	Fair	Bach	None	LOJT	H
13-2031	Budget Analysts	149	161	+Avg	Fair	Bach	None	None	H
13-2041	Credit Analysts	1,241	1,373	+Avg	Excl	Bach	None	None	H
13-2051	Financial Analysts	3,149	3,820	High	Excl	Bach	None	None	H
13-2052	Personal Financial Advisors	1,289	1,700	High	Excl	Bach	None	LOJT	H
13-2053	Insurance Underwriters	377	344	+Avg	Fair	Bach	None	MOJT	H
13-2061	Financial Examiners	633	753	High	Good	Bach	None	LOJT	H
13-2071	Credit Counselors	132	152	Avg	Fair	Bach	None	MOJT	H
13-2072	Loan Officers	1,131	1,243	+Avg	Excl	Bach	None	MOJT	H
13-2081	Tax Examiners and Collectors, and Revenue Agents	112	113	+Avg	Poor	Bach	None	MOJT	H
13-2082	Tax Preparers	147	161	Avg	Fair	HS	None	MOJT	M
13-2099	Financial Specialists, All Other	737	826	+Avg	Good	Bach	None	MOJT	H
<b>15-0000 Computer and Mathematical Occupations</b>									
15-1111	Computer and Information Research Scientists	86	109	High	Poor	Mast	None	None	H
15-1121	Computer Systems Analysts	3,330	3,586	High	Excl	Bach	None	None	H
15-1122	Information Security Analysts	262	345	High	Fair	Bach	<5	None	H
15-1131	Computer Programmers	1,199	1,089	High	Good	Bach	None	None	H
15-1132	Software Developers, Applications	2,555	3,358	High	Excl	Bach	None	None	H
15-1133	Software Developers, Systems Software	1,301	1,489	High	Excl	Bach	None	None	H
15-1134	Web Developers	467	536	High	Good	Assoc	None	None	M
15-1141	Database Administrators	475	538	High	Fair	Bach	None	None	H
15-1142	Network and Computer Systems Administrators	1,121	1,162	High	Good	Bach	None	None	H
15-1143	Computer Network Architects	628	683	High	Good	Bach	5+	None	H
15-1151	Computer User Support Specialists	1,269	1,379	Avg	Excl	HS	None	None	M
15-1152	Computer Network Support Specialists	497	556	+Avg	Good	Assoc	None	None	M
15-1199	Computer Occupations, All Other	189	200	High	Fair	Bach	None	None	H



SOC Code	Title of Occupation	2016 Est. Empl.	2026 Proj. Empl.	Wage Cat.	Job Avail.	Educ.	Work Exp.	Job Training	Skill
15-2031	Operations Research Analysts	598	784	High	Good	Bach	None	None	H
15-2041	Statisticians	100	141	High	Fair	Mast	None	None	H
<b>17-0000 Architecture and Engineering Occupations</b>									
17-1011	Architects, Except Landscape and Naval	178	176	High	Fair	Bach	None	Int/res	H
17-1012	Landscape Architects	53	53	+Avg	Poor	Bach	None	Int/res	H
17-1022	Surveyors	73	77	+Avg	Poor	Bach	None	Int/res	H
17-2041	Chemical Engineers	694	760	High	Good	Bach	None	None	H
17-2051	Civil Engineers	855	923	High	Good	Bach	None	None	H
17-2071	Electrical Engineers	480	533	High	Fair	Bach	None	None	H
17-2081	Environmental Engineers	164	178	High	Fair	Bach	None	None	H
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	63	73	High	Poor	Bach	None	None	H
17-2112	Industrial Engineers	540	598	High	Good	Bach	None	None	H
17-2131	Materials Engineers	29	28	High	Poor	Bach	None	None	H
17-2141	Mechanical Engineers	711	792	High	Good	Bach	None	None	H
17-2199	Engineers, All Other	55	57	High	Poor	Bach	None	None	H
17-3011	Architectural and Civil Drafters	294	309	Avg	Fair	Assoc	None	None	M
17-3012	Electrical and Electronics Drafters	89	92	+Avg	Poor	Assoc	None	None	M
17-3013	Mechanical Drafters	153	162	+Avg	Fair	Assoc	None	None	M
17-3022	Civil Engineering Technicians	416	445	Avg	Good	Assoc	None	None	M
17-3023	Electrical and Electronics Engineering Technicians	169	175	Avg	Fair	Assoc	None	None	M
17-3025	Environmental Engineering Technicians	38	42	Avg	Poor	Assoc	None	None	M
17-3026	Industrial Engineering Technicians	136	140	+Avg	Fair	Assoc	None	None	M
17-3027	Mechanical Engineering Technicians	38	41	+Avg	Poor	Assoc	None	None	M
17-3029	Engineering Technicians, Except Drafters, All Other	31	32	+Avg	Poor	Assoc	None	None	M
17-3031	Surveying and Mapping Technicians	122	130	-Avg	Fair	HS	None	MOJT	M
<b>19-0000 Life, Physical, and Social Science Occupations</b>									
19-1013	Soil and Plant Scientists	78	82	Avg	Poor	Bach	None	None	H
19-1021	Biochemists and Biophysicists	190	204	High	Fair	PhD/prof	None	None	H
19-1022	Microbiologists	150	163	+Avg	Fair	Bach	None	None	H
19-1031	Conservation Scientists	41	44	Avg	Poor	Bach	None	None	H
19-2012	Physicists	29	32	High	Poor	PhD/prof	None	None	H
19-2031	Chemists	3,132	3,344	High	Excl	Bach	None	None	H
19-2041	Environmental Scientists and Specialists, Including Health	409	452	High	Good	Bach	None	None	H
19-2042	Geoscientists, Except Hydrologists and Geographers	63	68	High	Poor	Bach	None	None	H
19-3011	Economists	45	50	+Avg	Poor	Mast	None	None	H

## Occupation Projections by Occupational Group

SOC Code	Title of Occupation	2016 Est. Empl.	2026 Proj. Empl.	Wage Cat.	Job Avail.	Educ.	Work Exp.	Job Training	Skill
19-3022	Survey Researchers	77	76	+Avg	Poor	Mast	None	None	H
19-3031	Clinical, Counseling, and School Psychologists	343	376	High	Fair	PhD/ prof	None	Int/res	H
19-3051	Urban and Regional Planners	212	238	+Avg	Fair	Mast	None	None	H
19-3099	Social Scientists and Related Workers, All Other	40	42	+Avg	Poor	Bach	None	None	H
19-4011	Agricultural and Food Science Technicians	46	46	-Avg	Poor	Assoc	None	MOJT	M
19-4021	Biological Technicians	91	97	Avg	Poor	Bach	None	None	H
19-4031	Chemical Technicians	903	966	+Avg	Good	Assoc	None	MOJT	M
19-4091	Environmental Science and Protection Technicians, Including Health	249	275	-Avg	Fair	Assoc	None	None	M
19-4092	Forensic Science Technicians	29	35	Avg	Poor	Bach	None	MOJT	H
19-4099	Life, Physical, and Social Science Technicians, All Other	120	129	Avg	Fair	Assoc	None	None	M
<b>21-0000 Community and Social Service Occupations</b>									
21-1011	Substance Abuse and Behavioral Disorder Counselors	218	257	-Avg	Fair	Bach	None	None	H
21-1012	Educational, Guidance, School, and Vocational Counselors	1,029	1,132	+Avg	Excl	Mast	None	None	H
21-1013	Marriage and Family Therapists	257	285	Avg	Fair	Mast	None	Int/res	H
21-1014	Mental Health Counselors	651	793	-Avg	Good	Mast	None	Int/res	H
21-1015	Rehabilitation Counselors	731	833	-Avg	Good	Mast	None	None	H
21-1021	Child, Family, and School Social Workers	1,276	1,446	-Avg	Excl	Bach	None	None	H
21-1022	Healthcare Social Workers	539	615	Avg	Good	Mast	None	Int/res	H
21-1023	Mental Health and Substance Abuse Social Workers	375	429	Avg	Good	Mast	None	Int/res	H
21-1029	Social Workers, All Other	93	96	+Avg	Poor	Bach	None	None	H
21-1091	Health Educators	203	233	+Avg	Fair	Bach	None	None	H
21-1093	Social and Human Service Assistants	507	564	-Avg	Good	HS	None	SOJT	L
21-1094	Community Health Workers	286	330	-Avg	Good	HS	None	SOJT	L
21-1099	Community and Social Service Specialists, All Other	770	884	-Avg	Excl	Bach	None	None	H
<b>23-0000 Legal Occupations</b>									
23-1011	Lawyers	3,274	3,550	High	Excl	PhD/ prof	None	None	H
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	78	83	+Avg	Poor	PhD/ prof	5+	SOJT	H
23-1023	Judges, Magistrate Judges, and Magistrates	121	129	High	Poor	PhD/ prof	5+	SOJT	H
23-2011	Paralegals and Legal Assistants	1,241	1,412	Avg	Excl	Assoc	None	None	M
23-2099	Legal Support Workers, All Other	329	322	Avg	Fair	Assoc	None	None	L



SOC Code	Title of Occupation	2016 Est. Empl.	2026 Proj. Empl.	Wage Cat.	Job Avail.	Educ.	Work Exp.	Job Training	Skill
<b>25-0000 Education, Training, and Library Occupations</b>									
25-1011	Business Teachers, Postsecondary	377	437	High	Fair	PhD/ prof	None	None	H
25-1021	Computer Science Teachers, Postsecondary	128	136	High	Fair	PhD/ prof	None	None	H
25-1022	Mathematical Science Teachers, Postsecondary	185	199	+Avg	Fair	PhD/ prof	None	None	H
25-1052	Chemistry Teachers, Postsecondary	72	78	High	Poor	PhD/ prof	None	None	H
25-1066	Psychology Teachers, Postsecondary	57	65	High	Poor	PhD/ prof	None	None	H
25-1067	Sociology Teachers, Postsecondary	80	86	High	Poor	PhD/ prof	None	None	H
25-1071	Health Specialties Teachers, Postsecondary	223	276	High	Fair	PhD/ prof	<5	None	H
25-1072	Nursing Instructors and Teachers, Postsecondary	288	353	High	Fair	PhD/ prof	<5	None	H
25-1081	Education Teachers, Postsecondary	209	227	High	Fair	PhD/ prof	<5	None	H
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	57	63	+Avg	Poor	PhD/ prof	None	None	H
25-1113	Social Work Teachers, Postsecondary	105	113	+Avg	Poor	PhD/ prof	None	None	H
25-1121	Art, Drama, and Music Teachers, Postsecondary	340	374	+Avg	Fair	Mast	None	None	H
25-1123	English Language and Literature Teachers, Postsecondary	263	285	+Avg	Fair	PhD/ prof	None	None	H
25-1125	History Teachers, Postsecondary	52	56	High	Poor	PhD/ prof	None	None	H
25-1194	Vocational Education Teachers, Postsecondary	213	217	+Avg	Fair	Bach	<5	None	H
25-1199	Postsecondary Teachers, All Other	92	99	+Avg	Poor	PhD/ prof	None	None	H
25-2011	Preschool Teachers, Except Special Education	2,220	2,350	Low	Excl	Assoc	None	None	M
25-2012	Kindergarten Teachers, Except Special Education	471	498	Avg	Good	Bach	None	None	H
25-2021	Elementary School Teachers, Except Special Education	4,524	4,755	+Avg	Excl	Bach	None	None	H
25-2022	Middle School Teachers, Except Special and Career/Technical Education	2,087	2,208	+Avg	Excl	Bach	None	None	H
25-2031	Secondary School Teachers, Except Special and Career/Technical Education	3,374	3,564	+Avg	Excl	Bach	None	None	H
25-2052	Special Education Teachers, Kindergarten and Elementary School	1,204	1,265	+Avg	Good	Bach	None	None	H
25-2054	Special Education Teachers, Secondary School	292	309	+Avg	Fair	Bach	None	None	H
25-2059	Special Education Teachers, All Other	147	159	High	Fair	Bach	None	None	H

## Occupation Projections by Occupational Group

SOC Code	Title of Occupation	2016 Est. Empl.	2026 Proj. Empl.	Wage Cat.	Job Avail.	Educ.	Work Exp.	Job Training	Skill
25-3011	Adult Basic and Secondary Education and Literacy Teachers and Instructors	366	339	+Avg	Fair	Bach	None	None	H
25-3021	Self-Enrichment Education Teachers	493	560	-Avg	Good	HS	<5	None	M
25-3097	Teachers and Instructors, All Other, Except Substitute Teachers	559	607	-Avg	Good	Bach	None	None	H
25-3098	Substitute Teachers	3,522	3,852	Low	Excl	Bach	None	None	H
25-4013	Museum Technicians and Conservators	84	90	-Avg	Fair	Bach	None	None	H
25-4021	Librarians	487	513	+Avg	Good	Mast	None	None	H
25-4031	Library Technicians	218	225	-Avg	Fair	VocEd	None	None	M
25-9011	Audio-Visual and Multimedia Collections Specialists	74	79	Avg	Poor	Bach	<5	None	H
25-9021	Farm and Home Management Advisors	195	199	Avg	Fair	Mast	None	None	H
25-9031	Instructional Coordinators	774	842	+Avg	Good	Mast	5+	None	H
25-9041	Teacher Assistants	3,243	3,444	Low	Excl	HS	None	None	L
25-9099	Education, Training, and Library Workers, All Other	153	164	-Avg	Fair	Bach	None	None	H
<b>27-0000 Arts, Design, Entertainment, Sports, and Media Occupations</b>									
27-1011	Art Directors	93	99	High	Poor	Bach	5+	None	H
27-1014	Multimedia Artists and Animators	72	84	+Avg	Poor	Bach	None	None	H
27-1023	Floral Designers	146	128	Low	Fair	HS	None	MOJT	M
27-1024	Graphic Designers	488	496	Avg	Good	Bach	None	None	H
27-1025	Interior Designers	162	163	Avg	Fair	Bach	None	None	H
27-1026	Merchandise Displayers and Window Trimmers	484	472	Low	Good	HS	None	SOJT	M
27-2012	Producers and Directors	137	151	+Avg	Fair	Bach	<5	None	H
27-2022	Coaches and Scouts	792	884	-Avg	Excl	Bach	None	None	H
27-2023	Umpires, Referees, and Other Sports Officials	215	235	Low	Fair	HS	None	MOJT	M
27-3031	Public Relations Specialists	757	838	+Avg	Good	Bach	None	None	H
27-3041	Editors	210	207	+Avg	Fair	Bach	<5	None	H
27-3042	Technical Writers	136	149	+Avg	Fair	Bach	<5	SOJT	H
27-3043	Writers and Authors	165	177	Avg	Fair	Bach	None	LOJT	H
27-3091	Interpreters and Translators	27	30	Avg	Poor	Bach	None	None	H
27-4011	Audio and Video Equipment Technicians	77	92	Avg	Poor	VocEd	None	SOJT	M
27-4012	Broadcast Technicians	64	63	Low	Poor	Assoc	None	SOJT	M
27-4021	Photographers	196	181	-Avg	Fair	HS	None	LOJT	M
27-4031	Camera Operators, Television, Video, and Motion Picture	33	34	Avg	Poor	Bach	None	None	H
<b>29-0000 Healthcare Practitioners and Technical Occupations</b>									
29-1011	Chiropractors	118	122	High	Poor	PhD/ prof	None	None	H
29-1021	Dentists, General	354	385	High	Fair	PhD/ prof	None	None	H
29-1031	Dietitians and Nutritionists	171	191	+Avg	Fair	Bach	None	Int/res	H



SOC Code	Title of Occupation	2016 Est. Empl.	2026 Proj. Empl.	Wage Cat.	Job Avail.	Educ.	Work Exp.	Job Training	Skill
29-1041	Optometrists	144	155	High	Poor	PhD/prof	None	None	H
29-1051	Pharmacists	854	866	High	Fair	PhD/prof	None	None	H
29-1062	Family and General Practitioners	615	656	High	Fair	PhD/prof	None	Int/res	H
29-1063	Internists, General	107	115	High	Poor	PhD/prof	None	Int/res	H
29-1064	Obstetricians and Gynecologists	140	150	High	Poor	PhD/prof	None	Int/res	H
29-1065	Pediatricians, General	80	86	High	Poor	PhD/prof	None	Int/res	H
29-1066	Psychiatrists	123	138	High	Poor	PhD/prof	None	Int/res	H
29-1067	Surgeons	211	224	High	Poor	PhD/prof	None	Int/res	H
29-1069	Physicians and Surgeons, All Other	1,528	1,636	High	Good	PhD/prof	None	Int/res	H
29-1071	Physician Assistants	442	570	High	Good	Mast	None	None	H
29-1081	Podiatrists	48	49	High	Poor	PhD/prof	None	Int/res	H
29-1122	Occupational Therapists	255	301	High	Fair	Mast	None	None	H
29-1123	Physical Therapists	707	863	High	Good	PhD/prof	None	None	H
29-1124	Radiation Therapists	72	81	High	Poor	Assoc	None	None	M
29-1125	Recreational Therapists	94	99	-Avg	Poor	Bach	None	None	H
29-1126	Respiratory Therapists	393	502	+Avg	Fair	Assoc	None	None	M
29-1127	Speech-Language Pathologists	454	528	+Avg	Fair	Mast	None	Int/res	H
29-1128	Exercise Physiologists	46	52	Avg	Poor	Bach	None	None	H
29-1131	Veterinarians	240	273	High	Fair	PhD/prof	None	None	H
29-1141	Registered Nurses	11,149	12,743	+Avg	Excl	Bach	None	None	H
29-1151	Nurse Anesthetists	383	420	High	Fair	Mast	None	None	H
29-1161	Nurse Midwives	38	43	High	Poor	Mast	None	None	H
29-1171	Nurse Practitioners	556	712	High	Good	Mast	None	None	H
29-1181	Audiologists	36	39	+Avg	Poor	PhD/prof	None	None	H
29-2011	Medical and Clinical Laboratory Technologists	474	515	+Avg	Fair	Bach	None	None	H
29-2012	Medical and Clinical Laboratory Technicians	200	219	Avg	Fair	Assoc	None	None	M
29-2021	Dental Hygienists	741	794	+Avg	Good	Assoc	None	None	M
29-2031	Cardiovascular Technologists and Technicians	405	447	+Avg	Fair	Assoc	None	None	M
29-2032	Diagnostic Medical Sonographers	180	215	+Avg	Fair	Assoc	None	None	M
29-2033	Nuclear Medicine Technologists	96	104	High	Poor	Assoc	None	None	M
29-2034	Radiologic Technologists	669	730	+Avg	Good	Assoc	None	None	M

## Occupation Projections by Occupational Group

SOC Code	Title of Occupation	2016 Est. Empl.	2026 Proj. Empl.	Wage Cat.	Job Avail.	Educ.	Work Exp.	Job Training	Skill
29-2035	Magnetic Resonance Imaging Technologists	284	317	+Avg	Fair	Assoc	<5	None	M
29-2041	Emergency Medical Technicians and Paramedics	1,411	1,514	-Avg	Good	VocEd	None	None	M
29-2051	Dietetic Technicians	142	158	Low	Fair	Assoc	None	None	M
29-2052	Pharmacy Technicians	1,093	1,195	-Avg	Good	HS	None	MOJT	M
29-2055	Surgical Technologists	365	401	Avg	Fair	VocEd	None	None	M
29-2056	Veterinary Technologists and Technicians	323	370	Low	Fair	Assoc	None	None	M
29-2057	Ophthalmic Medical Technicians	279	300	-Avg	Fair	VocEd	None	None	M
29-2061	Licensed Practical and Licensed Vocational Nurses	2,170	2,388	Avg	Excl	VocEd	None	None	M
29-2071	Medical Records and Health Information Technicians	466	513	-Avg	Fair	VocEd	None	None	M
29-2081	Opticians, Dispensing	415	443	-Avg	Fair	HS	None	LOJT	M
29-2091	Orthotists and Prosthetists	22	24	+Avg	Poor	Mast	None	Int/res	H
29-2099	Health Technologists and Technicians, All Other	277	327	Avg	Fair	VocEd	None	None	L
29-9011	Occupational Health and Safety Specialists	364	394	+Avg	Fair	Bach	None	None	H
29-9091	Athletic Trainers	86	101	-Avg	Poor	Bach	None	None	H
29-9099	Healthcare Practitioners and Technical Workers, All Other	38	40	Avg	Poor	VocEd	None	None	M
<b>31-0000 Healthcare Support Occupations</b>									
31-1011	Home Health Aides	2,971	4,097	Low	Excl	HS	None	SOJT	M
31-1013	Psychiatric Aides	147	173	-Avg	Fair	HS	None	SOJT	M
31-1014	Nursing Assistants	6,039	6,790	Low	Excl	VocEd	None	None	M
31-1015	Orderlies	329	359	Low	Good	HS	None	SOJT	L
31-2011	Occupational Therapy Assistants	85	104	+Avg	Fair	Assoc	None	None	M
31-2012	Occupational Therapy Aides	23	27	-Avg	Poor	HS	None	SOJT	L
31-2021	Physical Therapist Assistants	221	273	+Avg	Fair	Assoc	None	None	M
31-2022	Physical Therapist Aides	436	529	Low	Good	HS	None	SOJT	L
31-9011	Massage Therapists	204	259	+Avg	Fair	VocEd	None	None	M
31-9091	Dental Assistants	783	840	-Avg	Good	VocEd	None	None	M
31-9092	Medical Assistants	2,014	2,395	Low	Excl	VocEd	None	None	M
31-9093	Medical Equipment Preparers	177	194	-Avg	Fair	HS	None	MOJT	M
31-9094	Medical Transcriptionists	161	145	Low	Fair	VocEd	None	None	M
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	190	205	Low	Fair	HS	None	SOJT	M
31-9097	Phlebotomists	510	594	-Avg	Good	VocEd	None	None	M
<b>33-0000 Protective Service Occupations</b>									
33-1012	First-Line Supervisors of Police and Detectives	322	342	High	Fair	HS	<5	MOJT	M
33-1099	First-Line Supervisors of Protective Service Workers, All Other	360	381	Avg	Fair	HS	<5	None	M
33-3021	Detectives and Criminal Investigators	90	92	High	Poor	HS	<5	MOJT	M
33-3041	Parking Enforcement Workers	31	20	-Avg	Poor	HS	None	SOJT	M

SOC Code	Title of Occupation	2016 Est. Empl.	2026 Proj. Empl.	Wage Cat.	Job Avail.	Educ.	Work Exp.	Job Training	Skill
33-3051	Police and Sheriff's Patrol Officers	1,796	1,916	+Avg	Excl	HS	None	MOJT	M
33-9011	Animal Control Workers	108	129	-Avg	Fair	HS	None	MOJT	M
33-9031	Gaming Surveillance Officers and Gaming Investigators	86	89	Low	Fair	HS	<5	MOJT	L
33-9032	Security Guards	3,822	4,049	Low	Excl	HS	None	SOJT	L
33-9091	Crossing Guards	362	390	Low	Good	NFE	None	SOJT	L
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	513	557	Low	Excl	NFE	None	SOJT	L
33-9099	Protective Service Workers, All Other	336	369	Low	Good	HS	None	SOJT	L
<b>35-0000 Food Preparation and Serving-Related Occupations</b>									
35-1011	Chefs and Head Cooks	252	280	Avg	Fair	HS	5+	None	M
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	3,218	3,499	-Avg	Excl	HS	<5	None	M
35-2011	Cooks, Fast Food	598	569	Low	Good	NFE	None	SOJT	L
35-2012	Cooks, Institution and Cafeteria	2,811	2,890	Low	Excl	NFE	None	SOJT	L
35-2014	Cooks, Restaurant	4,261	4,774	Low	Excl	NFE	<5	MOJT	M
35-2015	Cooks, Short Order	383	367	Low	Good	NFE	None	SOJT	L
35-2021	Food Preparation Workers	2,236	2,377	Low	Excl	NFE	None	SOJT	L
35-3011	Bartenders	1,842	1,904	Low	Excl	NFE	None	SOJT	L
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	12,414	14,437	Low	Excl	NFE	None	SOJT	L
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	926	956	Low	Excl	NFE	None	SOJT	L
35-3031	Waiters and Waitresses	8,141	8,747	Low	Excl	NFE	None	SOJT	L
35-3041	Food Servers, Nonrestaurant	1,008	1,136	Low	Excl	NFE	None	SOJT	L
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	819	887	Low	Excl	NFE	None	SOJT	L
35-9021	Dishwashers	1,973	2,062	Low	Excl	NFE	None	SOJT	L
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	1,828	1,950	Low	Excl	NFE	None	SOJT	L
35-9099	Food Preparation and Serving Related Workers, All Other	114	129	Low	Fair	NFE	None	SOJT	L
<b>37-0000 Building and Grounds Cleaning and Maintenance Occupations</b>									
37-1011	First-Line Supervisors of Housekeeping and Janitorial Workers	867	952	Avg	Excl	HS	<5	None	M
37-1012	First-Line Supervisors of Landscaping and Groundskeeping Workers	512	573	Avg	Good	HS	<5	None	M
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	8,537	9,318	Low	Excl	NFE	None	SOJT	L
37-2012	Maids and Housekeeping Cleaners	3,563	3,965	Low	Excl	NFE	None	SOJT	L
37-2019	Building Cleaning Workers, All Other	89	99	-Avg	Fair	NFE	None	SOJT	L
37-2021	Pest Control Workers	218	233	-Avg	Fair	HS	None	MOJT	M
37-3011	Landscaping and Groundskeeping Workers	3,901	4,347	Low	Excl	NFE	None	SOJT	L
37-3013	Tree Trimmers and Pruners	31	34	Avg	Poor	HS	None	SOJT	L

## Occupation Projections by Occupational Group

SOC Code	Title of Occupation	2016 Est. Empl.	2026 Proj. Empl.	Wage Cat.	Job Avail.	Educ.	Work Exp.	Job Training	Skill
<b>39-0000 Personal Care and Service Occupations</b>									
39-1021	First-Line Supervisors of Personal Service Workers	899	1,010	Avg	Excl	HS	<5	None	M
39-2011	Animal Trainers	121	132	Low	Fair	HS	None	MOJT	M
39-2021	Nonfarm Animal Caretakers	1,047	1,270	Low	Excl	HS	None	SOJT	L
39-3012	Gaming and Sports Book Writers and Runners	84	88	-Avg	Fair	HS	None	SOJT	L
39-3031	Ushers, Lobby Attendants, and Ticket Takers	226	228	Low	Good	NFE	None	SOJT	L
39-3091	Amusement and Recreation Attendants	991	1,101	Low	Excl	NFE	None	SOJT	L
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	71	72	Low	Fair	HS	None	SOJT	L
39-4021	Funeral Attendants	139	142	Low	Fair	HS	None	SOJT	L
39-5012	Hairdressers, Hairstylists, and Cosmetologists	2,701	3,041	-Avg	Excl	VocEd	None	None	M
39-5093	Shampooers	319	361	Low	Good	NFE	None	SOJT	L
39-5094	Skincare Specialists	32	36	Low	Poor	VocEd	None	None	M
39-7011	Tour Guides and Escorts	200	208	Low	Fair	HS	None	MOJT	M
39-9011	Childcare Workers	2,275	2,467	Low	Excl	HS	None	SOJT	M
39-9021	Personal Care Aides	1,408	1,918	Low	Excl	HS	None	SOJT	M
39-9031	Fitness Trainers and Aerobics Instructors	1,370	1,505	-Avg	Excl	HS	None	SOJT	L
39-9032	Recreation Workers	1,051	1,189	Low	Excl	HS	None	SOJT	L
<b>41-0000 Sales and Related Occupations</b>									
41-1011	First-Line Supervisors of Retail Sales Workers	4,851	4,936	Avg	Excl	HS	<5	None	M
41-1012	First-Line Supervisors of Non-Retail Sales Workers	841	895	High	Good	HS	<5	None	M
41-2011	Cashiers	10,806	9,978	Low	Excl	NFE	None	SOJT	L
41-2021	Counter and Rental Clerks	1,420	1,470	-Avg	Excl	NFE	None	SOJT	L
41-2031	Retail Salespersons	18,468	18,814	Low	Excl	NFE	None	SOJT	L
41-3011	Advertising Sales Agents	338	319	Avg	Good	HS	None	MOJT	M
41-3021	Insurance Sales Agents	1,083	1,152	+Avg	Excl	HS	None	MOJT	M
41-3031	Securities, Commodities, and Financial Services Sales Agents	1,912	2,203	High	Excl	Bach	None	MOJT	H
41-3041	Travel Agents	199	172	Avg	Fair	HS	None	MOJT	M
41-3099	Sales Representatives, Services, All Other	2,428	2,646	+Avg	Excl	HS	None	MOJT	M
41-4011	Sales Reps., Wholesale and Manufacturing, Technical and Scientific Products	1,407	1,400	High	Excl	Bach	None	MOJT	H
41-4012	Sales Reps., Wholesale and Manufacturing, Except Technical and Scientific Products	3,190	3,071	+Avg	Excl	HS	None	MOJT	M
41-9011	Demonstrators and Product Promoters	106	110	Low	Fair	NFE	None	SOJT	L
41-9021	Real Estate Brokers	130	135	High	Fair	HS	<5	None	M
41-9022	Real Estate Sales Agents	1,413	1,490	Avg	Excl	HS	None	MOJT	M
41-9099	Sales and Related Workers, All Other	299	321	+Avg	Good	HS	None	None	L



SOC Code	Title of Occupation	2016 Est. Empl.	2026 Proj. Empl.	Wage Cat.	Job Avail.	Educ.	Work Exp.	Job Training	Skill
<b>43-0000 Office and Administrative Support Occupations</b>									
43-1011	First-Line Supervisors of Office and Administrative Support Workers	5,172	5,213	+Avg	Excl	HS	<5	None	M
43-2011	Switchboard Operators, Including Answering Service	303	251	Low	Fair	HS	None	SOJT	L
43-2021	Telephone Operators	58	44	-Avg	Poor	HS	None	SOJT	L
43-3011	Bill and Account Collectors	1,140	1,083	-Avg	Excl	HS	None	MOJT	M
43-3021	Billing and Posting Clerks	2,443	2,673	-Avg	Excl	HS	None	MOJT	M
43-3031	Bookkeeping, Accounting, and Auditing Clerks	6,970	6,806	Avg	Excl	HS	None	MOJT	M
43-3041	Gaming Cage Workers	143	149	Low	Fair	HS	None	SOJT	L
43-3051	Payroll and Timekeeping Clerks	459	441	Avg	Good	HS	None	MOJT	M
43-3061	Procurement Clerks	234	221	-Avg	Fair	HS	None	MOJT	M
43-3071	Tellers	2,369	2,161	Low	Excl	HS	None	SOJT	L
43-3099	Financial Clerks, All Other	208	231	Avg	Fair	HS	None	SOJT	L
43-4011	Brokerage Clerks	327	393	Avg	Good	HS	None	MOJT	M
43-4031	Court, Municipal, and License Clerks	809	873	-Avg	Good	HS	None	MOJT	M
43-4041	Credit Authorizers, Checkers, and Clerks	2,017	2,001	Avg	Excl	HS	None	MOJT	M
43-4051	Customer Service Representatives	6,773	6,892	-Avg	Excl	HS	None	SOJT	L
43-4061	Eligibility Interviewers, Government Programs	167	190	-Avg	Fair	HS	None	MOJT	M
43-4071	File Clerks	570	494	Low	Good	HS	None	SOJT	L
43-4081	Hotel, Motel, and Resort Desk Clerks	723	782	Low	Excl	HS	None	SOJT	L
43-4111	Interviewers, Except Eligibility and Loan	731	757	-Avg	Good	HS	None	SOJT	L
43-4121	Library Assistants, Clerical	469	483	Low	Good	HS	None	SOJT	L
43-4131	Loan Interviewers and Clerks	1,049	1,190	-Avg	Excl	HS	None	SOJT	L
43-4141	New Accounts Clerks	315	295	Avg	Fair	HS	None	MOJT	M
43-4151	Order Clerks	446	389	Low	Good	HS	None	SOJT	L
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	470	454	-Avg	Good	Assoc	None	None	M
43-4171	Receptionists and Information Clerks	2,733	2,801	Low	Excl	HS	None	SOJT	L
43-4199	Information and Record Clerks, All Other	270	281	-Avg	Fair	HS	None	SOJT	L
43-5011	Cargo and Freight Agents	107	122	Low	Fair	HS	None	SOJT	L
43-5021	Couriers and Messengers	251	283	-Avg	Fair	HS	None	SOJT	L
43-5031	Police, Fire, and Ambulance Dispatchers	236	251	Avg	Fair	HS	None	MOJT	M
43-5032	Dispatchers, Except Police, Fire, and Ambulance	716	715	-Avg	Good	HS	None	MOJT	M
43-5041	Meter Readers, Utilities	118	110	Avg	Poor	HS	None	SOJT	L
43-5051	Postal Service Clerks	237	242	Avg	Fair	HS	None	SOJT	L
43-5052	Postal Service Mail Carriers	1,026	1,050	Avg	Good	HS	None	SOJT	L
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	430	419	Avg	Fair	HS	None	SOJT	L
43-5061	Production, Planning, and Expediting Clerks	383	379	Avg	Fair	HS	None	MOJT	M
43-5071	Shipping, Receiving, and Traffic Clerks	2,108	2,058	Low	Excl	HS	None	SOJT	L

## Occupation Projections by Occupational Group

SOC Code	Title of Occupation	2016 Est. Empl.	2026 Proj. Empl.	Wage Cat.	Job Avail.	Educ.	Work Exp.	Job Training	Skill
43-5081	Stock Clerks and Order Fillers	6,217	6,258	Low	Excl	HS	None	SOJT	L
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	143	144	Low	Fair	HS	None	SOJT	L
43-6011	Executive Secretaries and Executive Administrative Assistants	1,336	1,149	+Avg	Excl	HS	<5	None	M
43-6012	Legal Secretaries	1,175	905	Avg	Excl	HS	None	MOJT	M
43-6013	Medical Secretaries	4,585	5,256	-Avg	Excl	HS	None	MOJT	M
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	7,735	7,165	-Avg	Excl	HS	None	SOJT	L
43-9011	Computer Operators	307	237	Avg	Fair	HS	None	MOJT	M
43-9021	Data Entry Keyers	1,027	797	Low	Excl	HS	None	SOJT	M
43-9022	Word Processors and Typists	122	80	Avg	Fair	HS	None	SOJT	L
43-9041	Insurance Claims and Policy Processing Clerks	729	787	-Avg	Good	HS	None	MOJT	M
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	465	411	Low	Good	HS	None	SOJT	L
43-9061	Office Clerks, General	7,205	7,021	Low	Excl	HS	None	SOJT	L
43-9071	Office Machine Operators, Except Computer	539	453	-Avg	Good	HS	None	SOJT	L
43-9111	Statistical Assistants	20	21	Avg	Poor	Bach	None	None	H
43-9199	Office and Administrative Support Workers, All Other	565	617	-Avg	Good	HS	None	SOJT	L
<b>45-0000 Farming, Fishing, and Forestry Occupations</b>									
45-1011	First-Line Supervisors of Farming, Fishing, and Forestry Workers	194	189	Avg	Fair	HS	<5	None	M
45-2011	Agricultural Inspectors	153	152	Avg	Fair	Bach	None	MOJT	H
45-2021	Animal Breeders	39	39	Avg	Poor	HS	None	SOJT	L
45-2091	Agricultural Equipment Operators	258	257	-Avg	Fair	NFE	None	MOJT	L
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	1,524	1,433	Low	Excl	NFE	None	SOJT	L
45-2093	Farmworkers, Farm, Ranch, and Aquacultural Animals	1,322	1,245	Low	Excl	NFE	None	SOJT	L
<b>47-0000 Construction and Extraction Occupations</b>									
47-1011	First-Line Supervisors of Construction Trades and Extraction Workers	1,691	1,826	+Avg	Excl	HS	5+	None	M
47-2011	Boilermakers	24	24	Avg	Poor	HS	None	App	M
47-2021	Brickmasons and Blockmasons	345	366	Avg	Fair	HS	None	App	M
47-2022	Stonemasons	42	45	-Avg	Poor	HS	None	App	M
47-2031	Carpenters	2,698	2,828	Avg	Excl	HS	None	App	M
47-2051	Cement Masons and Concrete Finishers	432	458	Avg	Good	NFE	None	MOJT	L
47-2061	Construction Laborers	2,929	3,150	-Avg	Excl	NFE	None	SOJT	L
47-2071	Paving, Surfacing, and Tamping Equipment Operators	278	290	Avg	Fair	HS	None	MOJT	M

SOC Code	Title of Occupation	2016 Est. Empl.	2026 Proj. Empl.	Wage Cat.	Job Avail.	Educ.	Work Exp.	Job Training	Skill
47-2073	Operating Engineers and Other Construction Equipment Operators	1,197	1,278	-Avg	Excl	HS	None	MOJT	M
47-2081	Drywall and Ceiling Tile Installers	407	389	Avg	Fair	NFE	None	MOJT	L
47-2111	Electricians	2,237	2,341	Avg	Excl	HS	None	App	M
47-2132	Insulation Workers, Mechanical	328	342	Avg	Fair	HS	None	App	M
47-2141	Painters, Construction and Maintenance	731	754	-Avg	Good	NFE	None	MOJT	L
47-2142	Paperhangers	91	89	-Avg	Poor	NFE	None	LOJT	M
47-2151	Pipelayers	93	102	-Avg	Fair	NFE	None	SOJT	L
47-2152	Plumbers, Pipefitters, and Steamfitters	1,055	1,175	+Avg	Excl	HS	None	App	M
47-2181	Roofers	219	233	-Avg	Fair	NFE	None	MOJT	L
47-2211	Sheet Metal Workers	512	531	Avg	Good	HS	None	App	M
47-2221	Structural Iron and Steel Workers	162	171	Avg	Fair	HS	None	App	M
47-3011	Helpers—Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	50	53	Low	Poor	NFE	None	SOJT	L
47-3012	Helpers—Carpenters	288	315	Low	Good	NFE	None	SOJT	L
47-3013	Helpers—Electricians	217	228	Low	Fair	HS	None	SOJT	L
47-3014	Helpers—Painters, Paperhangers, Plasterers, and Stucco Masons	41	40	Low	Poor	NFE	None	SOJT	L
47-3019	Helpers, Construction Trades, All Other	62	65	Low	Poor	NFE	None	SOJT	L
47-4011	Construction and Building Inspectors	549	588	Avg	Good	HS	5+	MOJT	M
47-4051	Highway Maintenance Workers	88	94	-Avg	Fair	HS	None	MOJT	M
47-4061	Rail-Track Laying and Maintenance Equipment Operators	48	51	+Avg	Poor	HS	None	MOJT	M
47-4099	Construction and Related Workers, All Other	204	215	-Avg	Fair	HS	None	MOJT	M
<b>49-0000 Installation, Maintenance, and Repair Occupations</b>									
49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	1,472	1,549	+Avg	Excl	HS	<5	None	M
49-2011	Computer, Automated Teller, and Office Machine Repairers	474	485	-Avg	Good	HS	None	SOJT	M
49-2021	Radio, Cellular, and Tower Equipment Installers and Repairers	81	91	Avg	Fair	Assoc	None	MOJT	M
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	690	681	+Avg	Good	VocEd	None	MOJT	M
49-2091	Avionics Technicians	90	97	Avg	Poor	Assoc	None	None	M
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	257	259	+Avg	Fair	VocEd	None	LOJT	M
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	235	243	+Avg	Fair	VocEd	<5	MOJT	M
49-2098	Security and Fire Alarm Systems Installers	202	226	Avg	Fair	HS	None	MOJT	M
49-3011	Aircraft Mechanics and Service Technicians	481	524	+Avg	Good	VocEd	None	None	M
49-3021	Automotive Body and Related Repairers	410	428	Avg	Good	HS	None	LOJT	M
49-3023	Automotive Service Technicians and Mechanics	2,124	2,141	Avg	Excl	VocEd	None	SOJT	M

## Occupation Projections by Occupational Group

SOC Code	Title of Occupation	2016 Est. Empl.	2026 Proj. Empl.	Wage Cat.	Job Avail.	Educ.	Work Exp.	Job Training	Skill
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	539	575	Avg	Good	HS	None	LOJT	M
49-3041	Farm Equipment Mechanics and Service Technicians	187	193	-Avg	Fair	HS	None	LOJT	M
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	373	408	Avg	Good	HS	None	LOJT	M
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	184	205	-Avg	Fair	HS	None	MOJT	M
49-3092	Recreational Vehicle Service Technicians	45	39	-Avg	Poor	HS	None	LOJT	M
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	138	139	+Avg	Fair	HS	None	MOJT	M
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	2,081	2,274	Avg	Excl	VocEd	None	LOJT	M
49-9031	Home Appliance Repairers	128	126	-Avg	Fair	HS	None	MOJT	M
49-9041	Industrial Machinery Mechanics	924	954	Avg	Good	HS	None	LOJT	M
49-9044	Millwrights	60	66	Avg	Poor	HS	None	App	M
49-9051	Electrical Power-Line Installers and Repairers	441	477	High	Good	HS	None	LOJT	M
49-9052	Telecommunications Line Installers and Repairers	427	414	+Avg	Good	HS	None	LOJT	M
49-9062	Medical Equipment Repairers	102	105	+Avg	Poor	Assoc	None	MOJT	M
49-9069	Precision Instrument and Equipment Repairers, All Other	106	105	+Avg	Poor	HS	None	LOJT	M
49-9071	Maintenance and Repair Workers, General	3,786	4,111	Avg	Excl	HS	None	MOJT	M
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	49	49	Avg	Poor	HS	None	SOJT	L
49-9094	Locksmiths and Safe Repairers	132	126	-Avg	Fair	HS	None	LOJT	M
49-9098	Helpers—Installation, Maintenance, and Repair Workers	569	614	Low	Good	HS	None	SOJT	L
49-9099	Installation, Maintenance, and Repair Workers, All Other	499	536	-Avg	Good	HS	None	MOJT	M
<b>51-0000 Production Occupations</b>									
51-1011	First-Line Supervisors of Production and Operating Workers	1,286	1,250	+Avg	Excl	HS	<5	None	M
51-2022	Electrical and Electronic Equipment Assemblers	339	292	-Avg	Fair	HS	None	MOJT	M
51-2023	Electromechanical Equipment Assemblers	32	24	Avg	Poor	HS	None	MOJT	M
51-2041	Structural Metal Fabricators and Fitters	146	126	-Avg	Fair	HS	None	MOJT	M
51-2099	Assemblers and Fabricators, All Other	529	435	Low	Good	HS	None	MOJT	M
51-3011	Bakers	545	561	Low	Good	NFE	None	LOJT	M
51-3021	Butchers and Meat Cutters	370	362	-Avg	Good	NFE	None	LOJT	M
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	3,671	3,606	Low	Excl	NFE	None	SOJT	L
51-3023	Slaughterers and Meat Packers	457	455	Low	Good	NFE	None	SOJT	L
51-3099	Food Processing Workers, All Other	275	276	Low	Fair	NFE	None	MOJT	L
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	143	141	-Avg	Fair	HS	None	MOJT	M



SOC Code	Title of Occupation	2016 Est. Empl.	2026 Proj. Empl.	Wage Cat.	Job Avail.	Educ.	Work Exp.	Job Training	Skill
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	218	166	-Avg	Fair	HS	None	MOJT	M
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	279	249	Low	Fair	HS	None	MOJT	M
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Operators, Metal and Plastic	112	107	-Avg	Fair	HS	None	MOJT	M
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	26	21	Low	Poor	HS	None	MOJT	M
51-4041	Machinists	490	509	Avg	Good	HS	None	LOJT	M
51-4072	Molding, Coremaking, and Casting Machine Operators, Metal and Plastic	99	78	-Avg	Fair	HS	None	MOJT	M
51-4121	Welders, Cutters, Solderers, and Brazers	519	553	Avg	Good	HS	None	MOJT	M
51-5111	Prepress Technicians and Workers	37	31	Avg	Poor	VocEd	None	None	M
51-5112	Printing Press Operators	351	314	Avg	Fair	HS	None	MOJT	M
51-5113	Print Binding and Finishing Workers	54	47	-Avg	Poor	HS	None	MOJT	L
51-6011	Laundry and Dry-Cleaning Workers	696	711	Low	Good	NFE	None	SOJT	L
51-6021	Pressers, Textile, Garment, and Related Materials	171	161	Low	Fair	NFE	None	SOJT	L
51-6031	Sewing Machine Operators	66	68	Low	Poor	NFE	None	SOJT	L
51-6052	Tailors, Dressmakers, and Custom Sewers	45	41	-Avg	Poor	NFE	None	MOJT	L
51-7011	Cabinetmakers and Bench Carpenters	145	140	-Avg	Fair	HS	None	MOJT	M
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	85	87	-Avg	Poor	HS	None	MOJT	L
51-8012	Power Distributors and Dispatchers	116	113	High	Fair	HS	None	LOJT	M
51-8021	Stationary Engineers and Boiler Operators	66	69	+Avg	Poor	HS	None	LOJT	M
51-8031	Water and Wastewater Treatment Plant and System Operators	269	257	Avg	Fair	HS	None	LOJT	M
51-8091	Chemical Plant and System Operators	171	171	+Avg	Fair	HS	None	MOJT	M
51-8092	Gas Plant Operators	37	34	+Avg	Poor	HS	None	LOJT	M
51-9011	Chemical Equipment Operators and Tenders	807	652	Avg	Good	HS	None	MOJT	M
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Operators	113	117	-Avg	Fair	HS	None	MOJT	M
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	49	45	-Avg	Poor	HS	None	MOJT	M
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	180	183	Avg	Fair	HS	None	MOJT	M
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	89	74	-Avg	Poor	HS	None	MOJT	L
51-9041	Extruding, Forming, Pressing, and Compacting Machine Operators	139	113	-Avg	Fair	HS	None	MOJT	M
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	1,033	916	Avg	Excl	HS	None	MOJT	M
51-9071	Jewelers and Precious Stone and Metal Workers	31	33	-Avg	Poor	HS	None	LOJT	M
51-9082	Medical Appliance Technicians	34	36	-Avg	Poor	HS	None	MOJT	M
51-9083	Ophthalmic Laboratory Technicians	29	32	-Avg	Poor	HS	None	MOJT	M

## Occupation Projections by Occupational Group

SOC Code	Title of Occupation	2016 Est. Empl.	2026 Proj. Empl.	Wage Cat.	Job Avail.	Educ.	Work Exp.	Job Training	Skill
51-9111	Packaging and Filling Machine Operators and Tenders	637	616	Low	Good	HS	None	MOJT	M
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	47	44	-Avg	Poor	HS	None	MOJT	M
51-9122	Painters, Transportation Equipment	177	185	Avg	Fair	HS	None	MOJT	M
51-9151	Photographic Process Workers and Processing Machine Operators	50	30	Low	Poor	HS	None	SOJT	L
51-9191	Adhesive Bonding Machine Operators and Tenders	30	29	Low	Poor	HS	None	MOJT	M
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	250	247	Low	Fair	HS	None	MOJT	L
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	70	73	Low	Poor	HS	None	LOJT	M
51-9198	Helpers--Production Workers	410	392	Low	Good	HS	None	SOJT	L
51-9199	Production Workers, All Other	118	113	-Avg	Fair	HS	None	MOJT	M
<b>53-0000 Transportation and Material Moving Occupations</b>									
53-1031	First-Line Supervisors of Transportation and Material-Moving Machine and Vehicle Operators	739	739	+Avg	Good	HS	<5	None	M
53-2011	Airline Pilots, Copilots, and Flight Engineers	31	31	High	Poor	Bach	<5	MOJT	H
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	81	90	Low	Fair	HS	None	MOJT	M
53-3021	Bus Drivers, Transit and Intercity	387	421	-Avg	Good	HS	None	MOJT	M
53-3022	Bus Drivers, School or Special Client	2,061	2,279	-Avg	Excl	HS	None	SOJT	M
53-3031	Driver/Sales Workers	1,699	1,539	Low	Excl	HS	None	SOJT	L
53-3032	Heavy and Tractor-Trailer Truck Drivers	4,379	4,276	-Avg	Excl	VocEd	None	SOJT	M
53-3033	Light Truck or Delivery Services Drivers	2,951	3,089	-Avg	Excl	HS	None	SOJT	L
53-3041	Taxi Drivers and Chauffeurs	660	659	Low	Good	NFE	None	SOJT	L
53-3099	Motor Vehicle Operators, All Other	543	558	Low	Good	NFE	None	SOJT	L
53-4011	Locomotive Engineers	50	54	+Avg	Poor	HS	<5	MOJT	M
53-5021	Captains, Mates, and Pilots of Water Vessels	26	27	+Avg	Poor	VocEd	<5	None	M
53-6021	Parking Lot Attendants	520	545	Low	Good	NFE	None	SOJT	L
53-6031	Automotive and Watercraft Service Attendants	302	327	Low	Good	NFE	None	SOJT	L
53-6051	Transportation Inspectors	276	301	-Avg	Fair	HS	None	MOJT	M
53-7021	Crane and Tower Operators	104	111	Avg	Fair	HS	<5	MOJT	M
53-7032	Excavating and Loading Machine and Dragline Operators	142	151	Avg	Fair	HS	<5	MOJT	M
53-7051	Industrial Truck and Tractor Operators	1,403	1,392	-Avg	Excl	NFE	None	SOJT	M
53-7061	Cleaners of Vehicles and Equipment	877	934	Low	Excl	NFE	None	SOJT	L
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	8,165	8,575	Low	Excl	NFE	None	SOJT	L
53-7063	Machine Feeders and Offbearers	382	427	-Avg	Good	NFE	None	SOJT	L
53-7064	Packers and Packagers, Hand	1,507	1,369	Low	Excl	NFE	None	SOJT	L
53-7081	Refuse and Recyclable Material Collectors	492	531	-Avg	Good	NFE	None	SOJT	L

# Occupation Projections by Career Cluster

This section contains occupations grouped by career clusters. The US Department of Education developed these 16 groupings as a way to link school and work, helping students to choose a curriculum which is best suited to their career plans. The occupations listed here are the same ones displayed in the previous section; they are simply organized differently and present some different information.

Occupations are arranged alphabetically within each of the 16 career clusters. For each occupation, we provide its SOC code, forecasted average annual growth rate from 2016 to 2026, average annual openings due to growth for that period, average annual openings due to net replacement of workers (the total expected job openings in an average year would be the sum of these two numbers), and the estimated 2016 average annual wage. The SOC code can be used to refer back to the previous section to find the usual education, experience, and training requirements for the occupation.

Once again, the **Hospitality & Tourism** cluster is expected to generate the most job openings, with 108,129 projected (methodological changes put in place by BLS

have dramatically increased this number over previous projections). This cluster has a great deal of turnover, and over 100,000 of those jobs are replacements of existing workers. The **Health Science** cluster has the most new jobs projected, with 6,962. The clusters with the fewest job openings projected are **Arts, Audio/Video Technology & Communications**, with 3,175; **Government & Public Administration**, with 4,457; and **Science, Technology, Engineering & Mathematics (STEM)**, with 6,834. This last may be surprising, but it is due to **Information Technology**, which is usually considered part of STEM, having its own cluster.

While job openings may be relatively scarce, **Science, Technology, Engineering & Mathematics (STEM)** is again the highest-paying cluster; its occupations paid an average wage of \$100,773 in 2016. **Information Technology** was next highest, at \$91,826. **Hospitality and Tourism** again had the lowest average wage. This cluster's occupations paid an average \$25,021 in 2016, just 0.9 percent above its average two years ago. The cluster with the second lowest average pay is **Transportation, Distribution & Logistics**, at \$36,173.

## Wages, Projected Openings, and Growth by Career Cluster, 2016–2026

Career Cluster	Average Wage 2016	Rank	Total Openings	Rank	Percent Total Openings	New Jobs	Ann. Pct. Growth
Agriculture, Food & Natural Resources	\$48,482	11th	9,334	13th	1.7%	431	0.4%
Architecture & Construction	\$49,509	10th	31,617	6th	5.9%	2,078	0.7%
Arts, Audio/Video Technology & Communications	\$53,729	8th	3,175	16th	0.6%	81	-0.1%
Business Management & Administration	\$56,988	7th	78,683	2nd	14.7%	2,436	0.1%
Education & Training	\$53,354	9th	29,425	7th	5.5%	2,182	0.7%
Finance	\$75,631	3rd	28,872	8th	5.4%	3,404	1.1%
Government & Public Administration	\$60,572	6th	4,457	15th	0.8%	493	1.0%
Health Science	\$65,608	5th	45,208	4th	8.4%	6,962	1.4%
Hospitality & Tourism	\$25,021	16th	108,129	1st	20.2%	5,894	0.9%
Human Services	\$37,396	14th	25,006	10th	4.7%	2,472	1.3%
Information Technology	\$91,826	2nd	10,681	12th	2.0%	1,738	1.2%
Law, Public Safety, Corrections & Security	\$68,066	4th	16,103	11th	3.0%	1,103	0.5%
Manufacturing	\$44,336	12th	26,486	9th	4.9%	766	0.0%
Marketing, Sales & Service	\$44,333	13th	71,802	3rd	13.4%	1,760	0.1%
Science, Technology, Engineering & Mathematics	\$100,773	1st	6,834	14th	1.3%	685	0.9%
Transportation, Distribution & Logistics	\$36,173	15th	39,566	5th	7.4%	1,413	0.3%

## Table 2: Occupation Projections by Career Cluster

SOC Code	Title of Occupation	Average Annual Growth Rate	Average Annual Openings due to Growth	Average Annual Openings due to Replacements	2016 Average Annual Wage
<b><i>Agriculture, Food, and Natural Resources</i></b>					
11-9121	Natural Sciences Managers	1.4%	9	52	\$197,978
17-2081	Environmental Engineers	0.8%	1	11	\$92,698
17-3025	Environmental Engineering Technicians	1.0%	0	3	\$50,449
19-1013	Soil and Plant Scientists	0.5%	0	8	\$52,691
19-4011	Agricultural and Food Science Technicians	0.0%	0	4	\$40,167
19-4021	Biological Technicians	0.6%	1	8	\$50,929
19-4091	Environmental Science and Protection Technicians, Including Health	1.0%	3	30	\$37,810
37-2021	Pest Control Workers	0.7%	2	31	\$34,530
37-3013	Tree Trimmers and Pruners	0.9%	0	4	\$44,474
39-2021	Nonfarm Animal Caretakers	1.9%	22	172	\$22,307
45-1011	First-Line Supervisors of Farming, Fishing, and Forestry Workers	-0.3%	0	25	\$53,461
45-2021	Animal Breeders	0.0%	0	5	NA
45-2091	Agricultural Equipment Operators	0.0%	0	38	NA
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	-0.6%	0	222	\$29,343
45-2093	Farmworkers, Farm, Ranch, and Aquacultural Animals	-0.6%	0	193	\$27,622
49-3041	Farm Equipment Mechanics and Service Technicians	0.3%	1	18	\$35,704
51-8031	Water and Wastewater Treatment Plant and System Operators	-0.5%	0	22	\$46,181
53-7081	Refuse and Recyclable Material Collectors	0.8%	4	60	\$41,464
<b><i>Architecture and Construction</i></b>					
11-9021	Construction Managers	0.8%	6	46	\$111,167
13-1051	Cost Estimators	0.7%	9	122	\$69,356
17-1011	Architects, Except Landscape and Naval	-0.1%	0	12	\$90,018
17-1012	Landscape Architects	0.0%	0	3	\$66,568
17-1022	Surveyors	0.5%	0	5	\$66,557
17-2051	Civil Engineers	0.8%	7	63	\$89,714
17-3011	Architectural and Civil Drafters	0.5%	2	25	\$54,284
17-3022	Civil Engineering Technicians	0.7%	3	37	\$43,725
17-3031	Surveying and Mapping Technicians	0.6%	1	13	\$39,610
27-1025	Interior Designers	0.1%	0	15	\$48,266
37-1012	First-Line Supervisors of Landscaping and Groundskeeping Workers	1.1%	6	51	\$54,506
37-3011	Landscaping and Groundskeeping Workers	1.1%	45	488	\$29,387
47-1011	First-Line Supervisors of Construction Trades and Extraction Workers	0.8%	14	167	\$71,319
47-2011	Boilermakers	0.0%	0	3	\$55,740
47-2021	Brickmasons and Blockmasons	0.6%	2	30	\$54,540
47-2022	Stonemasons	0.7%	0	3	\$36,375
47-2031	Carpenters	0.5%	13	249	\$46,238



SOC Code	Title of Occupation	Average Annual Growth Rate	Average Annual Openings due to Growth	Average Annual Openings due to Replacements	2016 Average Annual Wage
47-2051	Cement Masons and Concrete Finishers	0.6%	3	47	\$43,295
47-2061	Construction Laborers	0.7%	22	306	\$34,474
47-2071	Paving, Surfacing, and Tamping Equipment Operators	0.4%	1	28	\$44,340
47-2073	Operating Engineers and Other Construction Equipment Operators	0.7%	8	134	\$41,720
47-2081	Drywall and Ceiling Tile Installers	-0.5%	0	34	\$46,833
47-2111	Electricians	0.5%	10	250	\$56,297
47-2132	Insulation Workers, Mechanical	0.4%	1	35	\$43,048
47-2141	Painters, Construction and Maintenance	0.3%	2	62	\$40,145
47-2142	Paperhangers	-0.2%	0	7	\$34,823
47-2151	Pipelayers	0.9%	1	10	\$39,949
47-2152	Plumbers, Pipefitters, and Steamfitters	1.1%	12	115	\$57,218
47-2181	Roofers	0.6%	1	21	\$40,697
47-2211	Sheet Metal Workers	0.4%	2	54	\$54,892
47-2221	Structural Iron and Steel Workers	0.5%	1	17	\$45,049
47-3011	Helpers—Brick-, Block-, Stonemasons, and Tile and Marble Setters	0.6%	0	7	\$31,540
47-3012	Helpers—Carpenters	0.9%	3	42	\$26,676
47-3013	Helpers—Electricians	0.5%	1	31	\$27,036
47-3014	Helpers—Painters, Paperhangers, Plasterers, and Stucco Masons	-0.2%	0	6	\$31,088
47-3019	Helpers, Construction Trades, All Other	0.5%	0	9	\$27,989
47-4051	Highway Maintenance Workers	0.7%	1	9	\$33,736
47-4099	Construction and Related Workers, All Other	0.5%	1	22	\$36,220
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	0.1%	0	10	\$70,330
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	0.9%	19	206	\$52,258
49-9044	Millwrights	1.0%	1	6	\$45,385
49-9051	Electrical Power-Line Installers and Repairers	0.8%	4	36	\$76,910
49-9098	Helpers—Installation, Maintenance, and Repair Workers	0.8%	5	73	\$25,523
51-2041	Structural Metal Fabricators and Fitters	-1.5%	0	15	\$40,423
51-8021	Stationary Engineers and Boiler Operators	0.4%	0	7	\$62,874
53-7021	Crane and Tower Operators	0.7%	1	12	\$54,142
53-7032	Excavating and Loading Machine and Dragline Operators	0.6%	1	15	\$44,398
<b>Arts, Audio/Visual, and Communications</b>					
27-1011	Art Directors	0.6%	1	8	\$79,842
27-1014	Multimedia Artists and Animators	1.6%	1	6	\$73,473
27-1023	Floral Designers	-1.3%	0	13	\$26,223
27-1024	Graphic Designers	0.2%	1	45	\$52,011
27-2012	Producers and Directors	1.0%	1	13	\$60,573
27-3041	Editors	-0.1%	0	20	\$65,016
27-3042	Technical Writers	0.9%	1	14	\$72,601
27-3043	Writers and Authors	0.7%	1	14	NA
27-4011	Audio and Video Equipment Technicians	1.8%	2	7	\$46,099

## Occupation Projections by Career Cluster

SOC Code	Title of Occupation	Average Annual Growth Rate	Average Annual Openings due to Growth	Average Annual Openings due to Replacements	2016 Average Annual Wage
27-4012	Broadcast Technicians	-0.2%	0	6	NA
27-4021	Photographers	-0.8%	0	15	\$39,282
27-4031	Camera Operators, Television, Video, and Motion Picture	0.3%	0	3	\$46,282
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	-0.1%	0	71	NA
49-9052	Telecommunications Line Installers and Repairers	-0.3%	0	41	\$67,769
51-5111	Prepress Technicians and Workers	-1.8%	0	4	\$47,350
51-5112	Printing Press Operators	-1.1%	0	35	\$42,794
51-5113	Print Binding and Finishing Workers	-1.4%	0	7	\$36,208
<b><i>Business, Management, and Administration</i></b>					
11-1011	Chief Executives	-0.4%	0	37	NA
11-1021	General and Operations Managers	0.9%	48	415	\$149,113
11-3011	Administrative Services Managers	1.2%	9	59	\$113,303
11-3021	Computer and Information Systems Managers	1.4%	18	91	\$161,361
11-3051	Industrial Production Managers	-0.1%	0	21	\$121,508
11-3061	Purchasing Managers	1.2%	2	10	\$136,188
11-3111	Compensation and Benefits Managers	0.3%	0	4	\$146,934
11-3121	Human Resources Managers	1.1%	4	30	\$136,880
11-3131	Training and Development Managers	1.5%	1	7	\$118,719
11-9199	Managers, All Other	1.0%	21	148	\$136,743
13-1071	Human Resources Specialists	0.7%	13	167	\$61,762
13-1075	Labor Relations Specialists	-0.6%	0	110	\$62,419
13-1111	Management Analysts	1.3%	31	204	\$83,236
13-1121	Meeting, Convention, and Event Planners	1.0%	3	36	\$48,043
13-1131	Fundraisers	1.6%	8	46	\$55,400
13-1141	Compensation, Benefits, and Job Analysis Specialists	0.5%	1	15	\$72,167
13-1151	Training and Development Specialists	1.0%	10	93	\$67,829
13-1199	Business Operations Specialists, All Other	1.0%	17	151	\$71,624
15-2031	Operations Research Analysts	2.7%	19	40	\$91,708
43-1011	First-Line Supervisors of Office and Administrative Support Workers	0.1%	4	502	\$59,801
43-2011	Switchboard Operators, Including Answering Service	-1.9%	0	35	\$26,099
43-2021	Telephone Operators	-2.7%	0	7	\$32,723
43-3031	Bookkeeping, Accounting, and Auditing Clerks	-0.2%	0	757	\$43,349
43-3051	Payroll and Timekeeping Clerks	-0.4%	0	44	\$45,493
43-3061	Procurement Clerks	-0.6%	0	25	\$39,905
43-4051	Customer Service Representatives	0.2%	12	862	\$35,410
43-4071	File Clerks	-1.4%	0	65	\$30,555
43-4111	Interviewers, Except Eligibility and Loan	0.4%	3	86	\$36,820
43-4121	Library Assistants, Clerical	0.3%	1	67	\$23,799
43-4141	New Accounts Clerks	-0.7%	0	32	\$44,138

SOC Code	Title of Occupation	Average Annual Growth Rate	Average Annual Openings due to Growth	Average Annual Openings due to Replacements	2016 Average Annual Wage
43-4151	Order Clerks	-1.4%	0	46	\$30,974
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	-0.3%	0	51	\$37,043
43-4171	Receptionists and Information Clerks	0.2%	7	356	\$26,233
43-4199	Information and Record Clerks, All Other	0.4%	1	30	\$40,414
43-5041	Meter Readers, Utilities	-0.7%	0	9	\$50,247
43-5051	Postal Service Clerks	0.2%	1	18	\$49,051
43-5052	Postal Service Mail Carriers	0.2%	2	69	\$51,224
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	-0.3%	0	30	\$51,452
43-5071	Shipping, Receiving, and Traffic Clerks	-0.2%	0	205	\$30,784
43-5081	Stock Clerks and Order Fillers	0.1%	4	785	\$25,222
43-6011	Executive Secretaries and Executive Administrative Assistants	-1.5%	0	132	\$59,154
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	-0.8%	0	791	\$38,544
43-9011	Computer Operators	-2.6%	0	28	\$43,561
43-9021	Data Entry Keyers	-2.5%	0	106	\$29,522
43-9022	Word Processors and Typists	-4.1%	0	11	\$44,173
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	-1.2%	0	49	\$28,039
43-9061	Office Clerks, General	-0.3%	0	824	\$29,275
43-9071	Office Machine Operators, Except Computer	-1.7%	0	55	\$33,319
43-9199	Office and Administrative Support Workers, All Other	0.9%	5	64	\$37,435
<b>Education and Training</b>					
11-9031	Education Administrators, Preschool and Childcare Center/Program	0.6%	1	17	\$51,844
11-9032	Education Administrators, Elementary and Secondary School	0.6%	5	58	\$108,805
11-9033	Education Administrators, Postsecondary	0.8%	3	28	\$140,991
11-9039	Education Administrators, All Other	1.0%	1	5	\$115,291
21-1012	Educational, Guidance, School, and Vocational Counselors	1.0%	10	111	\$60,735
25-1011	Business Teachers, Postsecondary	1.5%	6	31	\$93,401
25-1021	Computer Science Teachers, Postsecondary	0.6%	1	10	\$87,624
25-1022	Mathematical Science Teachers, Postsecondary	0.7%	1	14	\$75,557
25-1052	Chemistry Teachers, Postsecondary	0.8%	1	6	\$86,612
25-1066	Psychology Teachers, Postsecondary	1.3%	1	4	\$90,394
25-1067	Sociology Teachers, Postsecondary	0.7%	1	6	\$79,223
25-1071	Health Specialties Teachers, Postsecondary	2.2%	5	19	NA
25-1072	Nursing Instructors and Teachers, Postsecondary	2.1%	7	24	\$78,233
25-1081	Education Teachers, Postsecondary	0.8%	2	16	\$77,156
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	1.0%	1	4	\$76,463
25-1113	Social Work Teachers, Postsecondary	0.7%	1	8	\$74,828
25-1121	Art, Drama, and Music Teachers, Postsecondary	1.0%	3	27	\$67,170
25-1123	English Language and Literature Teachers, Postsecondary	0.8%	2	20	\$68,679

## Occupation Projections by Career Cluster

SOC Code	Title of Occupation	Average Annual Growth Rate	Average Annual Openings due to Growth	Average Annual Openings due to Replacements	2016 Average Annual Wage
25-1125	History Teachers, Postsecondary	0.7%	0	4	\$77,197
25-1194	Vocational Education Teachers, Postsecondary	0.2%	0	16	\$62,648
25-1199	Postsecondary Teachers, All Other	0.7%	1	8	\$59,930
25-2011	Preschool Teachers, Except Special Education	0.6%	13	220	\$28,984
25-2012	Kindergarten Teachers, Except Special Education	0.6%	3	47	\$56,589
25-2021	Elementary School Teachers, Except Special Education	0.5%	23	325	\$60,814
25-2022	Middle School Teachers, Except Special and Career/Technical Education	0.6%	12	151	\$59,160
25-2031	Secondary School Teachers, Except Special and Career/Technical Education	0.5%	19	235	\$59,595
25-2052	Special Education Teachers, Kindergarten and Elementary School	0.5%	6	86	\$62,617
25-2054	Special Education Teachers, Secondary School	0.6%	2	21	\$63,485
25-2059	Special Education Teachers, All Other	0.8%	1	11	\$80,353
25-3011	Adult Basic and Secondary Education and Literacy Teachers and Instructors	-0.8%	0	38	\$62,355
25-3021	Self-Enrichment Education Teachers	1.3%	7	57	\$37,037
25-3097	Teachers and Instructors, All Other, Except Substitute Teachers	0.8%	5	63	\$39,930
25-3098	Substitute Teachers	0.9%	33	397	\$24,418
25-4013	Museum Technicians and Conservators	0.7%	1	9	NA
25-4021	Librarians	0.5%	3	46	\$70,683
25-4031	Library Technicians	0.3%	1	28	\$40,042
25-9011	Audio-Visual and Multimedia Collections Specialists	0.7%	1	7	\$43,823
25-9021	Farm and Home Management Advisors	0.2%	0	17	\$55,586
25-9031	Instructional Coordinators	0.8%	7	71	\$66,342
25-9041	Teacher Assistants	0.6%	20	336	\$30,066
25-9099	Education, Training, and Library Workers, All Other	0.7%	1	14	\$39,243
27-2022	Coaches and Scouts	1.1%	9	110	\$41,447
27-3091	Interpreters and Translators	1.1%	0	2	\$51,013
<b>Finance</b>					
11-3031	Financial Managers	2.1%	59	203	\$167,747
13-1031	Claims Adjusters, Examiners, and Investigators	-0.4%	0	54	\$64,505
13-2011	Accountants and Auditors	1.3%	72	496	\$77,863
13-2031	Budget Analysts	0.8%	1	11	\$73,040
13-2041	Credit Analysts	1.0%	13	105	\$72,358
13-2051	Financial Analysts	2.0%	67	288	\$85,526
13-2052	Personal Financial Advisors	2.8%	41	110	\$123,676
13-2053	Insurance Underwriters	-0.9%	0	28	\$67,715
13-2072	Loan Officers	0.9%	11	95	\$72,008
13-2082	Tax Preparers	0.9%	1	16	\$49,202
13-2099	Financial Specialists, All Other	1.1%	9	64	\$67,834
41-3021	Insurance Sales Agents	0.6%	7	105	\$63,135



SOC Code	Title of Occupation	Average Annual Growth Rate	Average Annual Openings due to Growth	Average Annual Openings due to Replacements	2016 Average Annual Wage
41-3031	Securities, Commodities, and Financial Services Sales Agents	1.4%	29	190	\$79,527
43-3011	Bill and Account Collectors	-0.5%	0	115	\$35,284
43-3071	Tellers	-0.9%	0	262	\$28,443
43-3099	Financial Clerks, All Other	1.1%	2	22	\$51,160
43-4011	Brokerage Clerks	1.9%	7	36	\$53,766
43-4041	Credit Authorizers, Checkers, and Clerks	-0.1%	0	199	\$42,642
43-4131	Loan Interviewers and Clerks	1.3%	14	105	\$38,843
43-9041	Insurance Claims and Policy Processing Clerks	0.8%	6	75	\$40,328
<b>Government and Public Administration</b>					
13-1041	Compliance Officers	1.2%	14	92	\$73,987
13-2021	Appraisers and Assessors of Real Estate	1.2%	2	13	\$63,151
13-2061	Financial Examiners	1.8%	12	51	\$89,522
13-2081	Tax Examiners and Collectors, and Revenue Agents	0.1%	0	7	\$61,142
19-3051	Urban and Regional Planners	1.2%	3	18	\$65,513
29-9011	Occupational Health and Safety Specialists	0.8%	3	18	\$69,305
43-4031	Court, Municipal, and License Clerks	0.8%	6	71	\$34,763
43-4061	Eligibility Interviewers, Government Programs	1.3%	2	15	\$33,763
43-9111	Statistical Assistants	0.5%	0	3	NA
45-2011	Agricultural Inspectors	-0.1%	0	20	\$44,354
47-4011	Construction and Building Inspectors	0.7%	4	60	\$55,570
53-6051	Transportation Inspectors	0.9%	3	27	NA
<b>Health Sciences</b>					
11-9111	Medical and Health Services Managers	1.4%	12	64	\$121,416
29-1011	Chiropractors	0.3%	0	3	\$116,654
29-1021	Dentists, General	0.8%	3	10	\$236,131
29-1031	Dietitians and Nutritionists	1.1%	2	11	\$62,761
29-1041	Optometrists	0.7%	1	4	\$132,650
29-1051	Pharmacists	0.1%	1	36	\$117,562
29-1062	Family and General Practitioners	0.6%	4	16	\$179,843
29-1063	Internists, General	0.7%	1	3	\$188,316
29-1064	Obstetricians and Gynecologists	0.7%	1	4	\$269,066
29-1065	Pediatricians, General	0.7%	1	2	NA
29-1066	Psychiatrists	1.2%	2	3	\$192,627
29-1067	Surgeons	0.6%	1	5	\$269,169
29-1069	Physicians and Surgeons, All Other	0.7%	11	40	\$219,693
29-1071	Physician Assistants	2.6%	13	27	\$103,551
29-1081	Podiatrists	0.2%	0	2	\$171,862
29-1122	Occupational Therapists	1.7%	5	14	\$85,927
29-1123	Physical Therapists	2.0%	16	31	\$88,961

## Occupation Projections by Career Cluster

SOC Code	Title of Occupation	Average Annual Growth Rate	Average Annual Openings due to Growth	Average Annual Openings due to Replacements	2016 Average Annual Wage
29-1124	Radiation Therapists	1.2%	1	4	\$91,163
29-1125	Recreational Therapists	0.5%	1	5	\$39,129
29-1126	Respiratory Therapists	2.5%	11	20	\$61,587
29-1127	Speech-Language Pathologists	1.5%	7	24	\$75,251
29-1128	Exercise Physiologists	1.2%	1	2	\$47,383
29-1131	Veterinarians	1.3%	3	9	\$104,609
29-1141	Registered Nurses	1.3%	159	602	\$70,818
29-1151	Nurse Anesthetists	0.9%	4	19	NA
29-1161	Nurse Midwives	1.2%	1	2	\$91,594
29-1171	Nurse Practitioners	2.5%	16	30	\$103,100
29-1181	Audiologists	0.8%	0	2	\$75,006
29-2011	Medical and Clinical Laboratory Technologists	0.8%	4	30	\$65,747
29-2012	Medical and Clinical Laboratory Technicians	0.9%	2	12	\$42,506
29-2021	Dental Hygienists	0.7%	5	45	\$72,484
29-2031	Cardiovascular Technologists and Technicians	1.0%	4	22	\$57,840
29-2032	Diagnostic Medical Sonographers	1.8%	4	10	\$73,193
29-2033	Nuclear Medicine Technologists	0.8%	1	5	\$80,552
29-2034	Radiologic Technologists	0.9%	6	35	\$60,977
29-2035	Magnetic Resonance Imaging Technologists	1.1%	3	16	\$73,413
29-2051	Dietetic Technicians	1.1%	2	12	\$31,351
29-2052	Pharmacy Technicians	0.9%	10	88	\$31,916
29-2055	Surgical Technologists	0.9%	4	29	\$45,690
29-2056	Veterinary Technologists and Technicians	1.4%	5	26	\$31,314
29-2057	Ophthalmic Medical Technicians	0.7%	2	22	\$40,562
29-2061	Licensed Practical and Licensed Vocational Nurses	1.0%	22	159	\$50,331
29-2071	Medical Records and Health Information Technicians	1.0%	5	29	\$39,484
29-2081	Opticians, Dispensing	0.7%	3	30	\$37,112
29-2091	Orthotists and Prosthetists	0.9%	0	2	\$65,352
29-2099	Health Technologists and Technicians, All Other	1.7%	5	18	\$42,893
29-9091	Athletic Trainers	1.6%	2	5	\$41,615
29-9099	Healthcare Practitioners and Technical Workers, All Other	0.5%	0	2	\$54,003
31-1011	Home Health Aides	3.3%	113	394	\$31,290
31-1013	Psychiatric Aides	1.6%	3	18	NA
31-1014	Nursing Assistants	1.2%	75	714	\$29,004
31-1015	Orderlies	0.9%	3	38	\$30,847
31-2011	Occupational Therapy Assistants	2.0%	2	12	\$64,216
31-2012	Occupational Therapy Aides	1.6%	0	3	\$39,501
31-2021	Physical Therapist Assistants	2.1%	5	29	\$58,823
31-2022	Physical Therapist Aides	2.0%	9	57	\$23,791
31-9091	Dental Assistants	0.7%	6	87	\$37,065

SOC Code	Title of Occupation	Average Annual Growth Rate	Average Annual Openings due to Growth	Average Annual Openings due to Replacements	2016 Average Annual Wage
31-9092	Medical Assistants	1.7%	38	232	\$31,632
31-9093	Medical Equipment Preparers	0.9%	2	23	\$37,184
31-9094	Medical Transcriptionists	-1.0%	0	18	\$31,615
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	0.8%	2	29	\$26,569
31-9097	Phlebotomists	1.5%	8	56	\$36,059
43-6013	Medical Secretaries	1.4%	67	523	\$35,409
<b>Hospitality and Tourism</b>					
11-9051	Food Service Managers	0.9%	5	56	\$71,913
11-9081	Lodging Managers	1.1%	1	9	\$74,789
27-2023	Umpires, Referees, and Other Sports Officials	0.9%	2	30	\$27,655
35-1011	Chefs and Head Cooks	1.1%	3	32	\$51,005
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	0.8%	28	470	\$38,381
35-2011	Cooks, Fast Food	-0.5%	0	81	\$19,403
35-2012	Cooks, Institution and Cafeteria	0.3%	8	395	\$31,434
35-2014	Cooks, Restaurant	1.1%	51	626	\$24,983
35-2015	Cooks, Short Order	-0.4%	0	52	\$22,206
35-2021	Food Preparation Workers	0.6%	14	384	\$22,823
35-3011	Bartenders	0.3%	6	305	\$23,035
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	1.5%	202	2,432	\$20,117
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	0.3%	3	202	\$20,777
35-3031	Waiters and Waitresses	0.7%	61	1,583	\$22,517
35-3041	Food Servers, Nonrestaurant	1.2%	13	156	\$23,020
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	0.8%	7	144	\$18,807
35-9021	Dishwashers	0.4%	9	310	\$20,171
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	0.6%	12	425	\$19,334
35-9099	Food Preparation and Serving Related Workers, All Other	1.2%	2	21	\$22,852
37-1011	First-Line Supervisors of Housekeeping and Janitorial Workers	0.9%	9	101	\$43,941
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	0.9%	78	1,143	\$26,307
37-2012	Maids and Housekeeping Cleaners	1.1%	40	489	\$23,344
37-2019	Building Cleaning Workers, All Other	1.1%	1	12	\$39,341
39-2011	Animal Trainers	0.9%	1	14	\$29,968
39-3012	Gaming and Sports Book Writers and Runners	0.5%	0	13	\$38,097
39-3031	Ushers, Lobby Attendants, and Ticket Takers	0.1%	0	55	\$19,539
39-3091	Amusement and Recreation Attendants	1.1%	11	234	\$21,978
39-7011	Tour Guides and Escorts	0.4%	1	35	\$23,948
39-9032	Recreation Workers	1.2%	14	185	\$27,893
41-3041	Travel Agents	-1.4%	0	21	\$50,305
43-3041	Gaming Cage Workers	0.4%	1	23	\$25,593
43-4081	Hotel, Motel, and Resort Desk Clerks	0.8%	6	116	\$26,290
51-3011	Bakers	0.3%	2	78	\$25,753

## Occupation Projections by Career Cluster

SOC Code	Title of Occupation	Average Annual Growth Rate	Average Annual Openings due to Growth	Average Annual Openings due to Replacements	2016 Average Annual Wage
<b>Human Services</b>					
11-9061	Funeral Service Managers	0.5%	0	5	\$113,535
11-9151	Social and Community Service Managers	1.5%	15	88	\$65,992
13-2071	Credit Counselors	1.4%	2	11	\$46,171
19-3031	Clinical, Counseling, and School Psychologists	0.9%	3	23	\$79,001
21-1011	Substance Abuse and Behavioral Disorder Counselors	1.7%	4	25	\$39,560
21-1013	Marriage and Family Therapists	1.0%	3	28	\$51,115
21-1014	Mental Health Counselors	2.0%	14	73	\$41,171
21-1015	Rehabilitation Counselors	1.3%	10	80	\$37,153
21-1021	Child, Family, and School Social Workers	1.3%	17	135	\$39,025
21-1022	Healthcare Social Workers	1.3%	8	58	\$53,103
21-1023	Mental Health and Substance Abuse Social Workers	1.4%	5	40	\$54,446
21-1029	Social Workers, All Other	0.3%	0	9	\$60,185
21-1091	Health Educators	1.4%	3	26	\$63,226
21-1093	Social and Human Service Assistants	1.1%	6	62	\$33,616
21-1094	Community Health Workers	1.4%	4	37	\$36,249
21-1099	Community and Social Service Specialists, All Other	1.4%	11	98	\$37,011
31-9011	Massage Therapists	2.4%	6	23	\$57,001
39-1021	First-Line Supervisors of Personal Service Workers	1.2%	11	89	\$46,255
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	0.1%	0	16	\$21,030
39-4021	Funeral Attendants	0.2%	0	21	\$29,816
39-5012	Hairdressers, Hairstylists, and Cosmetologists	1.2%	34	335	\$33,663
39-5093	Shampooers	1.2%	4	37	\$19,645
39-5094	Skincare Specialists	1.2%	0	4	\$28,939
39-9011	Childcare Workers	0.8%	19	341	\$21,912
39-9021	Personal Care Aides	3.1%	51	233	\$23,371
39-9031	Fitness Trainers and Aerobics Instructors	0.9%	14	238	\$35,993
51-6011	Laundry and Dry-Cleaning Workers	0.2%	2	94	\$23,276
51-6021	Pressers, Textile, Garment, and Related Materials	-0.6%	0	21	\$20,413
51-6052	Tailors, Dressmakers, and Custom Sewers	-0.9%	0	6	\$31,881
<b>Information Technology</b>					
15-1121	Computer Systems Analysts	0.7%	26	217	\$94,721
15-1122	Information Security Analysts	2.8%	8	20	\$101,178
15-1131	Computer Programmers	-1.0%	0	71	\$86,200
15-1132	Software Developers, Applications	2.8%	80	185	\$100,293
15-1133	Software Developers, Systems Software	1.4%	19	87	\$116,744
15-1134	Web Developers	1.4%	7	34	\$79,093
15-1141	Database Administrators	1.3%	6	32	\$91,375
15-1142	Network and Computer Systems Administrators	0.4%	4	70	\$81,119

SOC Code	Title of Occupation	Average Annual Growth Rate	Average Annual Openings due to Growth	Average Annual Openings due to Replacements	2016 Average Annual Wage
15-1143	Computer Network Architects	0.8%	6	41	\$119,475
15-1151	Computer User Support Specialists	0.8%	11	95	\$55,946
15-1152	Computer Network Support Specialists	1.1%	6	38	\$70,573
15-1199	Computer Occupations, All Other	0.6%	1	13	\$78,568
<b>Law, Public Safety, Corrections, and Security</b>					
19-4092	Forensic Science Technicians	1.9%	1	3	\$50,005
23-1011	Lawyers	0.8%	28	142	\$157,609
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	0.6%	1	4	\$60,369
23-1023	Judges, Magistrate Judges, and Magistrates	0.6%	1	5	\$136,362
23-2011	Paralegals and Legal Assistants	1.3%	17	132	\$55,424
23-2099	Legal Support Workers, All Other	-0.2%	0	27	\$53,430
29-2041	Emergency Medical Technicians and Paramedics	0.7%	10	86	\$39,139
33-1012	First-Line Supervisors of Police and Detectives	0.6%	2	19	\$99,318
33-1099	First-Line Supervisors of Protective Service Workers, All Other	0.6%	2	35	\$46,244
33-3021	Detectives and Criminal Investigators	0.2%	0	5	\$93,252
33-3041	Parking Enforcement Workers	-4.3%	0	2	\$35,491
33-3051	Police and Sheriff's Patrol Officers	0.6%	12	117	\$66,439
33-9011	Animal Control Workers	1.8%	2	12	\$33,699
33-9031	Gaming Surveillance Officers and Gaming Investigators	0.3%	0	11	\$31,634
33-9032	Security Guards	0.6%	23	511	\$26,440
33-9091	Crossing Guards	0.7%	3	67	\$31,532
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	0.8%	4	130	\$21,987
33-9099	Protective Service Workers, All Other	0.9%	3	86	\$26,598
43-5031	Police, Fire, and Ambulance Dispatchers	0.6%	2	22	\$42,791
43-6012	Legal Secretaries	-2.6%	0	110	\$53,749
<b>Manufacturing</b>					
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	-0.2%	0	63	\$69,139
17-3012	Electrical and Electronics Drafters	0.3%	0	8	\$61,150
17-3013	Mechanical Drafters	0.6%	1	13	\$60,588
17-3023	Electrical and Electronics Engineering Technicians	0.3%	1	15	\$54,505
17-3026	Industrial Engineering Technicians	0.3%	0	11	\$59,656
17-3027	Mechanical Engineering Technicians	0.8%	0	3	\$67,830
17-3029	Engineering Technicians, Except Drafters, All Other	0.3%	0	3	\$58,013
19-4031	Chemical Technicians	0.7%	6	86	\$61,565
43-5061	Production, Planning, and Expediting Clerks	-0.1%	0	38	\$51,388
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	0.1%	0	14	\$27,247
49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	0.5%	8	127	\$71,808
49-2011	Computer, Automated Teller, and Office Machine Repairers	0.2%	1	46	\$39,689



## Occupation Projections by Career Cluster

SOC Code	Title of Occupation	Average Annual Growth Rate	Average Annual Openings due to Growth	Average Annual Openings due to Replacements	2016 Average Annual Wage
49-2021	Radio, Cellular, and Tower Equipment Installers and Repairers	1.2%	1	9	\$46,947
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	0.1%	0	22	\$63,468
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	0.3%	1	20	\$76,159
49-2098	Security and Fire Alarm Systems Installers	1.1%	2	23	\$51,874
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	1.1%	2	20	\$36,037
49-9031	Home Appliance Repairers	-0.2%	0	12	\$40,173
49-9041	Industrial Machinery Mechanics	0.3%	3	80	\$55,580
49-9062	Medical Equipment Repairers	0.3%	0	9	\$61,720
49-9069	Precision Instrument and Equipment Repairers, All Other	-0.1%	0	9	\$66,376
49-9071	Maintenance and Repair Workers, General	0.8%	33	381	\$42,260
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	0.0%	0	5	NA
49-9094	Locksmiths and Safe Repairers	-0.5%	0	11	\$36,533
49-9099	Installation, Maintenance, and Repair Workers, All Other	0.7%	4	49	\$41,426
51-1011	First-Line Supervisors of Production and Operating Workers	-0.3%	0	121	\$65,916
51-2022	Electrical and Electronic Equipment Assemblers	-1.5%	0	37	\$32,175
51-2023	Electromechanical Equipment Assemblers	-2.8%	0	3	\$46,508
51-2099	Assemblers and Fabricators, All Other	-1.9%	0	56	\$30,517
51-3021	Butchers and Meat Cutters	-0.2%	0	44	\$36,200
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	-0.2%	0	440	\$24,616
51-3023	Slaughterers and Meat Packers	0.0%	0	55	\$23,963
51-3099	Food Processing Workers, All Other	0.0%	0	31	\$26,780
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	-0.1%	0	14	\$32,010
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	-2.7%	0	19	\$34,583
51-4031	Cutting, Punching, and Press Machine Operators, Metal and Plastic	-1.1%	0	30	\$30,785
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Operators, Metal and Plastic	-0.5%	0	12	\$35,233
51-4034	Lathe and Turning Machine Tool Operators, Metal and Plastic	-2.1%	0	3	NA
51-4041	Machinists	0.4%	2	49	\$51,724
51-4072	Molding, Coremaking, and Casting Machine Operators, Metal and Plastic	-2.4%	0	10	\$35,444
51-4121	Welders, Cutters, Solderers, and Brazers	0.6%	3	56	\$49,639
51-6031	Sewing Machine Operators	0.3%	0	7	\$30,425
51-7011	Cabinetmakers and Bench Carpenters	-0.4%	0	15	\$39,612
51-7042	Woodworking Machine Operators, Except Sawing	0.2%	0	9	\$38,197
51-8012	Power Distributors and Dispatchers	-0.3%	0	10	NA
51-8091	Chemical Plant and System Operators	0.0%	0	17	\$66,531
51-8092	Gas Plant Operators	-0.8%	0	4	\$61,173
51-9011	Chemical Equipment Operators and Tenders	-2.1%	0	77	\$50,722
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Operators	0.3%	0	12	\$40,788

SOC Code	Title of Occupation	Average Annual Growth Rate	Average Annual Openings due to Growth	Average Annual Openings due to Replacements	2016 Average Annual Wage
51-9021	Crushing, Grinding, and Polishing Machine Operators and Tenders	-0.8%	0	6	\$37,049
51-9023	Mixing and Blending Machine Operators and Tenders	0.2%	0	20	\$42,223
51-9032	Cutting and Slicing Machine Operators and Tenders	-1.8%	0	9	\$36,465
51-9041	Extruding, Forming, Pressing, and Compacting Machine Operators	-2.0%	0	15	\$39,376
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	-1.2%	0	115	\$42,088
51-9071	Jewelers and Precious Stone and Metal Workers	0.6%	0	3	\$37,977
51-9082	Medical Appliance Technicians	0.6%	0	4	\$38,208
51-9083	Ophthalmic Laboratory Technicians	1.0%	0	3	NA
51-9111	Packaging and Filling Machine Operators and Tenders	-0.3%	0	72	\$29,936
51-9121	Coating, Painting, and Spraying Machine Operators and Tenders	-0.7%	0	4	\$32,088
51-9122	Painters, Transportation Equipment	0.4%	1	19	\$43,619
51-9151	Photographic Process Workers and Processing Machine Operators	-5.0%	0	6	\$28,795
51-9191	Adhesive Bonding Machine Operators and Tenders	-0.3%	0	3	\$23,797
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	-0.1%	0	32	\$25,219
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	0.4%	0	7	\$30,293
51-9198	Helpers--Production Workers	-0.4%	0	60	\$27,433
51-9199	Production Workers, All Other	-0.4%	0	12	\$35,398
53-7063	Machine Feeders and Offbearers	1.1%	5	54	\$39,848
<b>Marketing, Sales, and Service</b>					
11-2011	Advertising and Promotions Managers	1.5%	1	8	NA
11-2021	Marketing Managers	1.3%	14	87	\$173,853
11-2022	Sales Managers	0.9%	8	74	\$178,447
11-2031	Public Relations and Fundraising Managers	1.5%	4	19	\$147,786
11-9141	Property, Real Estate, and Community Association Managers	1.0%	7	54	\$67,283
13-1022	Wholesale and Retail Buyers, Except Farm Products	-0.9%	0	15	\$57,544
13-1161	Market Research Analysts and Marketing Specialists	2.1%	48	221	\$79,284
27-1026	Merchandise Displayers and Window Trimmers	-0.3%	0	44	\$30,796
27-3031	Public Relations Specialists	1.0%	8	76	\$61,220
41-1011	First-Line Supervisors of Retail Sales Workers	0.2%	9	510	\$47,559
41-1012	First-Line Supervisors of Non-Retail Sales Workers	0.6%	5	77	\$89,335
41-2011	Cashiers	-0.8%	0	1,928	\$20,903
41-2021	Counter and Rental Clerks	0.3%	5	182	\$32,586
41-2031	Retail Salespersons	0.2%	35	2,659	\$25,036
41-3011	Advertising Sales Agents	-0.6%	0	40	\$53,886
41-3099	Sales Representatives, Services, All Other	0.9%	22	299	\$65,672
41-4011	Sales Reps., Wholesale and Manuf., Technical and Scientific Products	0.0%	0	140	\$109,116
41-4012	Sales Rep., Wholesale and Manuf., Except Tech. and Scientific Products	-0.4%	0	313	\$66,346
41-9011	Demonstrators and Product Promoters	0.4%	0	18	\$27,852
41-9021	Real Estate Brokers	0.4%	1	12	NA

## Occupation Projections by Career Cluster

SOC Code	Title of Occupation	Average Annual Growth Rate	Average Annual Openings due to Growth	Average Annual Openings due to Replacements	2016 Average Annual Wage
41-9022	Real Estate Sales Agents	0.5%	8	131	\$47,660
41-9099	Sales and Related Workers, All Other	0.7%	2	40	\$67,451
53-3031	Driver/Sales Workers	-1.0%	0	171	\$27,912
<b>Science, Technology, Engineering, and Mathematics</b>					
11-9041	Architectural and Engineering Managers	0.8%	4	37	\$147,396
15-1111	Computer and Information Research Scientists	2.4%	2	6	\$93,970
15-2041	Statisticians	3.5%	4	8	\$112,499
17-2041	Chemical Engineers	0.9%	7	46	\$118,467
17-2071	Electrical Engineers	1.1%	5	31	\$100,897
17-2111	Health and Safety Engineers	1.5%	1	5	\$93,003
17-2112	Industrial Engineers	1.0%	6	36	\$92,657
17-2131	Materials Engineers	-0.4%	0	2	\$93,878
17-2141	Mechanical Engineers	1.1%	8	46	\$99,819
17-2199	Engineers, All Other	0.4%	0	3	\$104,467
19-1021	Biochemists and Biophysicists	0.7%	1	17	\$98,000
19-1022	Microbiologists	0.8%	1	13	NA
19-1031	Conservation Scientists	0.7%	0	4	\$56,411
19-2012	Physicists	1.0%	0	3	\$119,120
19-2031	Chemists	0.7%	21	285	NA
19-2041	Environmental Scientists and Specialists, Including Health	1.0%	4	39	NA
19-2042	Geoscientists, Except Hydrologists and Geographers	0.8%	1	5	\$89,400
19-3011	Economists	1.1%	1	4	\$75,627
19-3022	Survey Researchers	-0.1%	0	7	\$57,726
19-3099	Social Scientists and Related Workers, All Other	0.5%	0	3	\$59,881
19-4099	Life, Physical, and Social Science Technicians, All Other	0.7%	1	14	\$54,200
<b>Transportation, Distribution, and Logistics</b>					
11-3071	Transportation, Storage, and Distribution Managers	1.1%	4	29	\$133,136
43-3021	Billing and Posting Clerks	0.9%	23	250	\$38,047
43-5011	Cargo and Freight Agents	1.3%	2	10	NA
43-5021	Couriers and Messengers	1.2%	3	24	NA
43-5032	Dispatchers, Except Police, Fire, and Ambulance	0.0%	0	64	\$40,155
47-4061	Rail-Track Laying and Maintenance Equipment Operators	0.6%	0	5	\$60,719
49-2091	Avionics Technicians	0.8%	1	7	\$50,709
49-3011	Aircraft Mechanics and Service Technicians	0.9%	4	38	\$59,187
49-3021	Automotive Body and Related Repairers	0.4%	2	39	\$45,572
49-3023	Automotive Service Technicians and Mechanics	0.1%	2	196	\$42,218
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	0.6%	4	49	\$48,878
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	0.9%	4	37	\$48,621

SOC Code	Title of Occupation	Average Annual Growth Rate	Average Annual Openings due to Growth	Average Annual Openings due to Replacements	2016 Average Annual Wage
49-3092	Recreational Vehicle Service Technicians	-1.4%	0	6	\$33,079
53-1031	First-Line Supervisors of Transportation and Material-Moving Machine and Vehicle Operators	0.0%	0	75	\$64,119
53-2011	Airline Pilots, Copilots, and Flight Engineers	0.0%	0	3	NA
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	1.1%	1	12	\$29,137
53-3021	Bus Drivers, Transit and Intercity	0.8%	3	48	\$39,668
53-3022	Bus Drivers, School or Special Client	1.0%	22	259	\$32,141
53-3032	Heavy and Tractor-Trailer Truck Drivers	-0.2%	0	456	\$41,463
53-3033	Light Truck or Delivery Services Drivers	0.5%	14	318	\$33,911
53-3041	Taxi Drivers and Chauffeurs	0.0%	0	66	\$25,599
53-3099	Motor Vehicle Operators, All Other	0.3%	2	94	\$26,659
53-4011	Locomotive Engineers	0.8%	0	4	\$64,099
53-5021	Captains, Mates, and Pilots of Water Vessels	0.4%	0	3	\$65,892
53-6021	Parking Lot Attendants	0.5%	3	78	\$21,963
53-6031	Automotive and Watercraft Service Attendants	0.8%	3	51	\$23,419
53-7051	Industrial Truck and Tractor Operators	-0.1%	0	154	\$36,358
53-7061	Cleaners of Vehicles and Equipment	0.6%	6	126	\$23,167
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	0.5%	41	1,131	\$28,332
53-7064	Packers and Packagers, Hand	-1.0%	0	214	\$23,849





# Industry Projections

Average annual job growth during the 10-year projection period is expected to be 0.6 percent per year. This is the same growth rate that the US Bureau of Labor Statistics (BLS) is projecting for the nation. The relationship between DE and US growth rates is interesting, and far from random. Calculating growth rates for every 10-year period since the data begin in 1939, Delaware's job growth exceeded the national rate for 26 consecutive periods, up until 1974. Then for 10 straight years, Delaware's job growth lagged the national average. That reversed in the 10-year period ending in 1985, and Delaware grew faster up until 2008. In the nine years since, Delaware is once again lagging behind.

Average annual job growth for all 10-year periods in the state since 1939 is nearly 2.2 percent, so a rate of 0.6 percent would be significantly below that, but it would represent the fastest job growth since 1998-2008, when Delaware jobs grew at a 0.9 percent average pace. Much of this slowdown is due to demographics.

Current projections from the Delaware Population Consortium have the population of people 16 years old and over (the potential labor force) growing by 0.8 percent per year from 2016 to 2026. In the age groups with greatest labor force participation, from 20 to 64 years of age, the projected growth is a much lower 0.13 percent per year. Given that, it will require either increases in labor force participation for some groups,

an increase in out-of-state residents commuting into Delaware to work, or both to achieve even 0.6 percent job growth.

Delaware's unemployment rate in the 2016 base year was 4.5 percent. This is reasonably close to the expected unemployment rate at a time of full employment, so unlike most recent projections, there is little expected job gain due to the business cycle. The future projection period (2026) is assumed to be a state of full employment (unemployment rate about 4.0 percent), so only a few thousand jobs would be expected due to the cyclical movement to full employment.

At the time this is being written, mid-2018, Delaware is in its ninth year of economic expansion. The probability that this expansion will continue unabated through the projection year of 2026 is very nearly zero. Therefore, a recession is assumed to occur at some point during the ten-year projection period. Though it can vary, on average a recession implies three years of zero job growth for the state. This means the projected 28,670 net new jobs represents just over 4,000 new jobs per year of economic expansion.

**Health Care and Social Assistance**, already by far the state's largest industry sector in terms of jobs (it exceeds federal, state, and local government employment combined), is projected to add more than twice as

Group	LFPR (%)	2016 Population	LF	LFPR (%)	2026 Population	LF
Male 16-19	29.8	24,548	7,315	38	24,955	9,483
Male 20-24	69.4	32,738	22,720	77.5	31,245	24,215
Male 25-34	92.2	63,273	58,338	91.5	66,210	60,582
Male 35-44	93.7	56,933	53,346	92.5	63,961	59,164
Male 45-54	87.6	63,076	55,255	87.5	57,162	50,017
Male 55-64	69.2	59,575	41,226	68.5	63,308	43,366
Male 65+	21.7	70,200	15,233	20.5	95,448	19,567
Female 16-19	31.8	23,827	7,577	41	24,181	9,914
Female 20-24	72.8	32,396	23,584	73.5	30,094	22,119
Female 25-34	79.4	63,107	50,107	80	65,775	52,620
Female 35-44	82.2	59,213	48,673	81	64,276	52,064
Female 45-54	77.8	67,668	52,646	79	60,317	47,650
Female 55-64	60.2	66,273	39,896	60	69,089	41,453
Female 65+	13.0	89,986	11,698	14.5	121,656	17,640



many jobs as the next biggest job gainer, **Finance and Insurance**. Five sectors are projected to lose jobs over the 10-year projection period: Agriculture, Forestry, and Fishing (-210); Information (-410); Retail Trade (-840); Wholesale Trade (-980); and Manufacturing (-1,370).

There are seven industry sectors projected to grow faster per year than the overall state average: **Management of Companies and Enterprises** (2.0 percent), **Health Care and Social Assistance** (1.3 percent), **Finance and Insurance** (1.1 percent), **Accommodation and Food Services** (0.9 percent), **Arts, Entertainment, and Recreation** (0.9 percent), **Administrative and Waste Services** (0.7 percent), and **Other Services** (0.7 percent). Along with the five sectors mentioned above that are projected to lose jobs, four other sectors are projected to grow at below-average rates: **Educational Services** (0.5 percent), **Real Estate and Rental and Leasing** (0.5 percent), **Government** (0.3 percent), and **Utilities** (0.2 percent). **Construction**, **Transportation and Warehousing**, and **Professional, Scientific, and Technical Services** are all projected to grow at the overall average rate of 0.6 percent per year.

## Projected Net Job Growth by Industry Sector, 2026

Industry Sector	Net Job Growth
Health Care and Social Assistance	9,450
Finance and Insurance	4,660
Accommodation and Food Services	3,780
Administrative and Waste Services	2,040
Management of Companies and Enterprises	1,850
Self-Employed	1,770
Educational Services	1,660
Professional, Scientific, and Technical Services	1,520
Other Services, Except Public Administration	1,450
Construction	1,230
Transportation and Warehousing	1,010
Arts, Entertainment, and Recreation	890
Government	830
Real Estate and Rental and Leasing	300
Utilities	40
Agriculture, Forestry, and Fishing	-210
Information	-410
Retail Trade	-840
Wholesale Trade	-980
Manufacturing	-1,370

## Projected Annual Rate of Growth by Industry Sector, 2016–2026

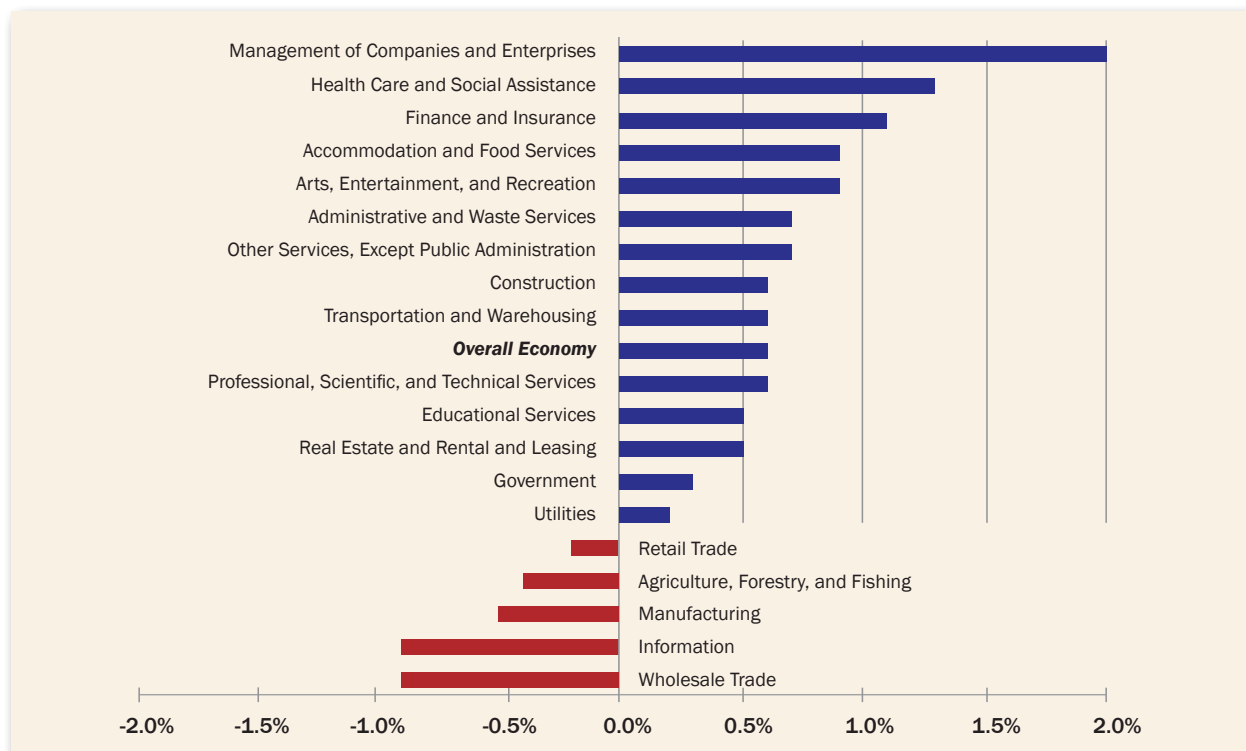


Table 3: Industry Projections

NAICS	Industry	2016	2026	2016–2026 Change	2016–2026 Annual Growth
	<b>Total Employment, All Jobs</b>	<b>471,910</b>	<b>500,580</b>	<b>28,670</b>	<b>0.6%</b>
	Total Self-Employed and Unpaid Family Workers, Primary Job	19,970	21,740	1,770	0.9%
	Self-Employed Workers, Primary Job	19,670	21,440	1,770	0.9%
	Unpaid Family Workers, Primary Job	300	300	0	0.0%
<b>11</b>	<b>Agriculture, Forestry, Fishing</b>	<b>5,290</b>	<b>5,080</b>	<b>-210</b>	<b>-0.4%</b>
111	Crop production	2,750	2,640	-110	-0.4%
112	Animal production	2,250	2,160	-90	-0.4%
115	Support activities for agriculture and forestry	290	280	-10	-0.4%
<b>21</b>	<b>Mining</b>	<b>40</b>	<b>40</b>	<b>0</b>	<b>0.0%</b>
<b>22</b>	<b>Utilities</b>	<b>2,160</b>	<b>2,200</b>	<b>40</b>	<b>0.2%</b>
<b>23</b>	<b>Construction</b>	<b>20,970</b>	<b>22,200</b>	<b>1,230</b>	<b>0.6%</b>
236	Construction of buildings	4,880	5,240	360	0.7%
237	Heavy and civil engineering construction	2,790	3,020	230	0.8%
238	Specialty trade contractors	13,300	13,940	640	0.5%
<b>31-33</b>	<b>Manufacturing</b>	<b>25,740</b>	<b>24,370</b>	<b>-1,370</b>	<b>-0.5%</b>
311	Food manufacturing	9,320	9,150	-170	-0.2%
312	Beverage and tobacco product manufacturing	380	440	60	1.5%
314	Textile product mills	100	90	-10	-1.0%
315	Apparel manufacturing	80	90	10	1.2%
321	Wood product manufacturing	360	370	10	0.3%
322	Paper manufacturing	810	700	-110	-1.4%
323	Printing and related support activities	560	480	-80	-1.5%
324	Petroleum and coal products manufacturing	690	760	70	1.0%
325	Chemical manufacturing	2,370	1,850	-520	-2.4%
326	Plastics and rubber products manufacturing	1,570	1,340	-230	-1.6%
327	Nonmetallic mineral product manufacturing	570	600	30	0.5%
331	Primary metal manufacturing	190	200	10	0.5%
332	Fabricated metal product manufacturing	1,600	1,560	-40	-0.3%
333	Machinery manufacturing	680	600	-80	-1.2%
334	Computer and electronic product manufacturing	2,910	2,900	-10	0.0%
335	Electrical equipment and appliance manufacturing	660	690	30	0.4%
336	Transportation equipment manufacturing	590	500	-90	-1.6%
337	Furniture and related product manufacturing	740	650	-90	-1.3%
339	Miscellaneous manufacturing	1,020	950	-70	-0.7%

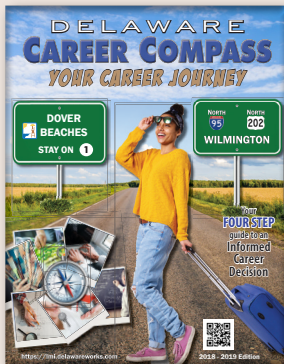
NAICS	Industry	2016	2026	2016-2026 Change	2016-2026 Annual Growth
<b>42</b>	<b>Wholesale Trade</b>	<b>11,910</b>	<b>10,930</b>	<b>-980</b>	<b>-0.9%</b>
423	Merchant wholesalers, durable goods	5,530	5,500	-30	-0.1%
424	Merchant wholesalers, nondurable goods	4,630	3,800	-830	-2.0%
425	Electronic markets and agents and brokers	1,750	1,630	-120	-0.7%
<b>44-45</b>	<b>Retail Trade</b>	<b>53,680</b>	<b>52,840</b>	<b>-840</b>	<b>-0.2%</b>
441	Motor vehicle and parts dealers	7,160	7,000	-160	-0.2%
442	Furniture and home furnishings stores	2,020	2,040	20	0.1%
443	Electronics and appliance stores	1,880	1,930	50	0.3%
444	Building material and garden supply stores	4,760	4,830	70	0.1%
445	Food and beverage stores	9,880	9,250	-630	-0.7%
446	Health and personal care stores	3,910	4,140	230	0.6%
447	Gasoline stations	2,580	2,250	-330	-1.4%
448	Clothing and clothing accessories stores	5,740	5,900	160	0.3%
451	Sporting goods, hobby, book and music stores	2,100	2,050	-50	-0.2%
452	General merchandise stores	9,570	9,450	-120	-0.1%
453	Miscellaneous store retailers	2,720	2,700	-20	-0.1%
454	Nonstore retailers	1,360	1,300	-60	-0.5%
<b>48-49</b>	<b>Transportation and Warehousing</b>	<b>16,660</b>	<b>17,670</b>	<b>1,010</b>	<b>0.6%</b>
481	Air transportation	180	210	30	1.6%
482	Rail transportation	1,310	1,400	90	0.7%
484	Truck transportation	2,360	2,100	-260	-1.2%
485	Transit and ground passenger transportation	1,950	2,060	110	0.6%
488	Support activities for transportation	1,920	2,150	230	1.1%
491	Postal service	1,980	2,000	20	0.1%
492	Couriers and messengers	1,610	1,950	340	1.9%
493	Warehousing and storage	5,350	5,800	450	0.8%
<b>51</b>	<b>Information</b>	<b>4,730</b>	<b>4,320</b>	<b>-410</b>	<b>-0.9%</b>
511	Publishing industries, except Internet	850	760	-90	-1.1%
512	Motion picture and sound recording industries	390	350	-40	-1.1%
515	Broadcasting, except Internet	320	300	-20	-0.6%
517	Telecommunications	2,010	1,900	-110	-0.6%
518	Data processing, hosting and related services	860	720	-140	-1.8%
519	Other information services	300	290	-10	-0.3%
<b>52</b>	<b>Finance and Insurance</b>	<b>41,640</b>	<b>46,300</b>	<b>4,660</b>	<b>1.1%</b>
522	Credit intermediation and related activities	28,210	29,500	1,290	0.4%
523	Securities, commodity contracts, investments	7,490	10,700	3,210	3.6%
524	Insurance carriers and related activities	5,870	6,000	130	0.2%
525	Funds, trusts, and other financial vehicles	70	100	30	3.6%

## Industry Projections

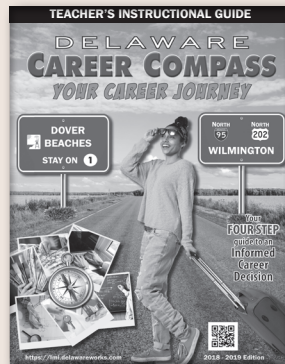
NAICS	Industry	2016	2026	2016–2026 Change	2016–2026 Annual Growth
<b>53</b>	<b>Real Estate and Rental and Leasing</b>	<b>5,480</b>	<b>5,780</b>	<b>300</b>	<b>0.5%</b>
531	Real estate	4,170	4,400	230	0.5%
532	Rental and leasing services	1,310	1,380	70	0.5%
<b>54</b>	<b>Professional and Technical Services</b>	<b>25,680</b>	<b>27,200</b>	<b>1,520</b>	<b>0.6%</b>
<b>55</b>	<b>Management of Companies and Enterprises</b>	<b>8,650</b>	<b>10,500</b>	<b>1,850</b>	<b>2.0%</b>
<b>56</b>	<b>Administrative and Waste Services</b>	<b>26,970</b>	<b>29,010</b>	<b>2,040</b>	<b>0.7%</b>
561	Administrative and support services	25,650	27,600	1,950	0.7%
562	Waste management and remediation services	1,320	1,410	90	0.7%
<b>61</b>	<b>Educational Services</b>	<b>35,140</b>	<b>36,800</b>	<b>1,660</b>	<b>0.5%</b>
<b>62</b>	<b>Health Care and Social Assistance</b>	<b>69,650</b>	<b>79,100</b>	<b>9,450</b>	<b>1.3%</b>
621	Ambulatory health care services	20,130	23,400	3,270	1.5%
622	Hospitals	25,070	27,800	2,730	1.0%
623	Nursing and residential care facilities	12,410	14,600	2,190	1.6%
624	Social assistance	12,040	13,300	1,260	1.0%
<b>71</b>	<b>Arts, Entertainment, and Recreation</b>	<b>9,860</b>	<b>10,750</b>	<b>890</b>	<b>0.9%</b>
711	Performing arts and spectator sports	710	800	90	1.2%
712	Museums, historical sites, zoos, and parks	770	800	30	0.4%
713	Amusements, gambling, and recreation	8,380	9,150	770	0.9%
<b>72</b>	<b>Accommodation and Food Services</b>	<b>39,620</b>	<b>43,400</b>	<b>3,780</b>	<b>0.9%</b>
721	Accommodation	3,730	4,000	270	0.7%
722	Food services and drinking places	35,890	39,400	3,510	0.9%
<b>81</b>	<b>Other Services, Except Public Administration</b>	<b>19,060</b>	<b>20,510</b>	<b>1,450</b>	<b>0.7%</b>
811	Repair and maintenance	3,430	3,510	80	0.2%
812	Personal and laundry services	4,580	5,000	420	0.9%
813	Membership associations and organizations	10,680	11,550	870	0.8%
814	Private households	370	450	80	2.0%
	<b>Government</b>	<b>29,010</b>	<b>29,840</b>	<b>830</b>	<b>0.3%</b>
	Federal government, excluding postal service	3,640	3,590	-50	-0.1%
	State government, excluding education and hospitals	17,980	18,600	620	0.3%
	Local government, excluding education and hospitals	7,390	7,650	260	0.3%

## Access our publications online

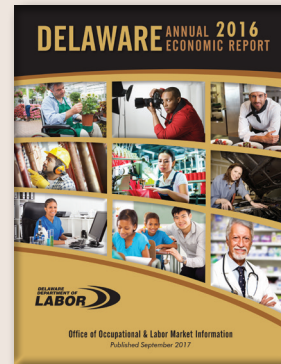
All OOLMI publications can be viewed or downloaded at the following website:  
<https://lmi.delawareworks.com/Content/Publications/>



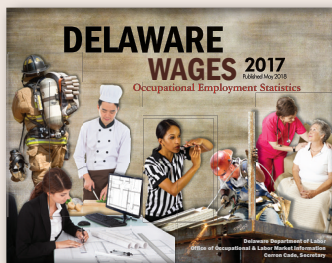
The Delaware Career Compass is a step-by-step guide to career planning for students. Learn about yourself, the world of work, and how you can reach your goals.



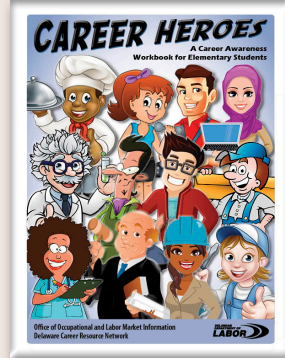
The Teacher's Guide is a companion to the Delaware Career Compass and is designed to supplement and enhance the use of the Compass in the classroom.



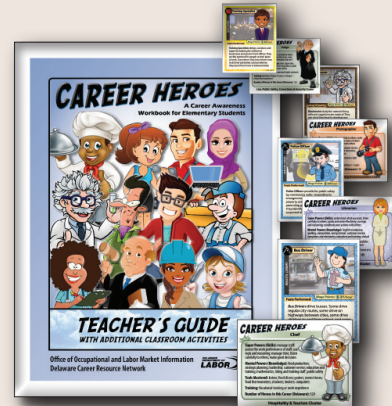
The Delaware Annual Economic Report is a comprehensive look at the state's economy and workforce.



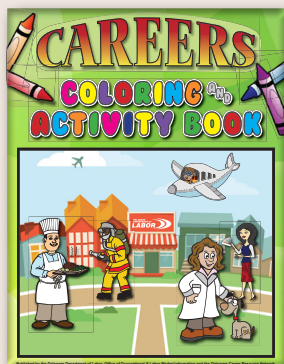
The estimates in this publication were derived from the Occupational Employment Statistics (OES) survey. This valuable tool is made possible by the hundreds of Delaware employers who responded to the survey. Data are published only if there are enough responses to ensure both quality and confidentiality.



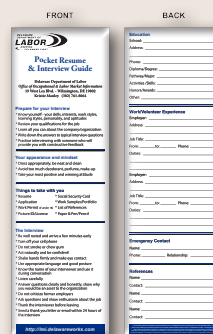
The Career Heroes Workbook is a career awareness workbook for elementary students. It is designed to be used on its own and can be paired with the Career Heroes Trading Cards and the Teacher's Guide.



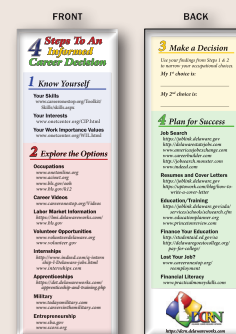
The Career Heroes Teacher's Guide provides instructions and resources for conducting the trading card activities. It also provides answer keys for the exercises in the Career Heroes Workbook that have specific answers.



The coloring pages and activities in this book are intended to be fun for children in the Pre-K to 3rd grade age groups. They have been designed around the 16 Career Clusters that were developed by the U.S. Department of Education.



Students and jobseekers who complete and carry with them this handy Pocket Resume & Interview Guide will always be prepared for success.



This bookmark lists websites for personal assessment, labor market information, job preparation, and job search.





## **Delaware Department of Labor**

Office of Occupational & Labor Market Information

19 West Lea Boulevard

Wilmington, Delaware 19802

<https://lmi.delawareworks.com>

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