

# DELAWARE 2024

## *Occupation & Industry Projections*



Office of Occupational & Labor Market Information  
Delaware Department of Labor  
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### Acknowledgements

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# Introduction

Every two years, the federal Bureau of Labor Statistics 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 2014 to 2024. It supersedes the last such set of projections, which were generated for the 2012-2022 period and published in July, 2014.

Delaware is projected to have 37,150 more jobs in 2024 than in 2014, for an average annual growth rate of 0.8 percent. **Health Care and Social Assistance** is again expected to show the most growth, accounting for over one-quarter of the total new jobs projected. This will enhance its stature as the state's largest industry in terms of employment. By 2024 nearly one-sixth of the jobs in the state will be in Health Care, up from one-seventh in 2014.

At the time of writing (July 2016), Delaware is in the seventh year of an economic expansion that has added 51,300 jobs in the state. A continuation of this expansion unabated through the projection period in 2024 would be unprecedented – therefore, a period of interrupted job growth is included in the ten-year projection. This is explained in a little more detail in the final section of this publication.



# Occupation Projections by Occupational Group

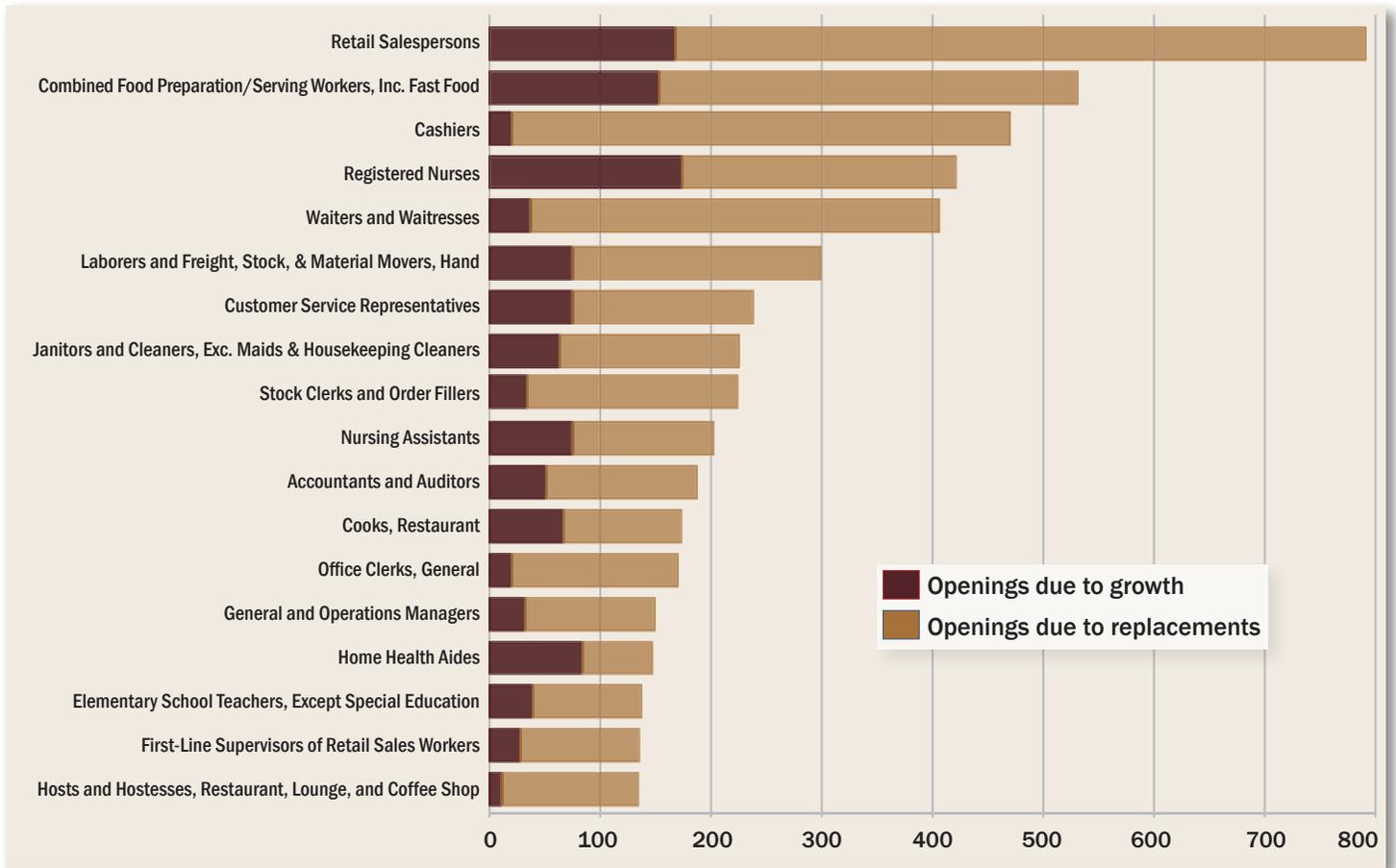
In this section, we present job projections and associated data for 478 specific occupations in Delaware, listed by major occupational group. The data elements provided for each occupation are: the Standard Occupational Classification (SOC) code, an estimate of the total number of filled jobs in the state in 2014, the projection of total filled jobs in 2024, 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 2014 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 464 occupations for which we have wage estimates (there are 14 occupations which are either not covered by wage surveys, or whose wage estimates did not pass validity screening) into quintiles.

## Occupations With the Most Annual Openings, 2014–2024



There are 92 occupations in the Average category, and 93 in each of the other four categories. These categories are based on the 2014 average annual wage for each occupation. Of course, it should be recognized that some people working in each occupation were paid less than 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 each of these occupations, including estimates for entry- and experienced level wages, can be obtained by contacting our office.

The lowest-paying 93 occupations (Low) paid below \$31,000 per year. The next lowest-paying 93 occupations, those in the Below Average category (-Avg), had average wages between \$31,000 and \$41,200 per year. The middle category, Average (Avg) paid from \$41,201 to \$57,000. The second highest-paying category, Above Average (+Avg), had average wages from \$57,001 to \$75,620, while the 93 highest-paying occupations (High) had average annual wages exceeding \$75,620.

### Wage Categories

Wage Category	Abbreviation	2014 Average Annual Wage
Low	Low	Below \$31,000
Below Average	-Avg	\$31,001 to \$41,200
Average	Avg	\$41,201 to \$57,000
Above Average	+Avg	\$57,001 to \$75,620
High	High	Above \$75,620

The placement of occupations into job availability categories is based on the expected annual openings solely due to growth. An occupation with no expected growth would still be expected to generate openings due to replacement of those who leave employment, but overall job availability would be considered poor compared to occupations with openings due to both growth and replacement. It is through actual expansion of employment within an occupation that potential entrants will find the most opportunity.

There are four categories of job availability: Poor, with no openings due to growth projected; Fair, with from 1 to 3 annual openings due to growth projected; Good, with from 4 to 9 such openings; and Excellent (Excl), with 10 or more annual openings due to growth projected. There are 102 occupations with Excellent job availability, another 102 in the Good category, 140 with Fair job availability prospects, and 134 in the Poor category.

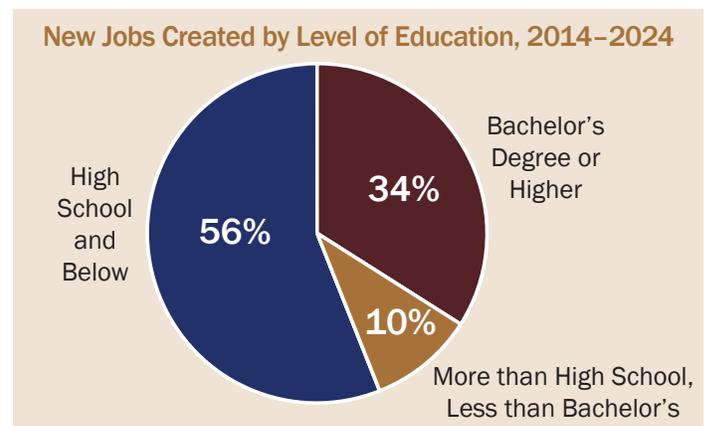
The rest of the data refer to education, experience, and training requirements. There are seven levels of

### Job Availability Categories

Category	Annual Openings Due to Growth	Number of Occupations in each Category
Poor	0	134
Fair	1 to 3	140
Good	4 to 9	102
Excellent (Excl)	10 or more	102

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 over five years (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 greater than 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/res). Those interested in further details on the education, experience, and training requirements should go to:

[http://www.bls.gov/emp/ep\\_education\\_tech.htm](http://www.bls.gov/emp/ep_education_tech.htm)



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 following table.

## Delaware Skills Categories

Education	Work Experience (years)			Training					Certification	
	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

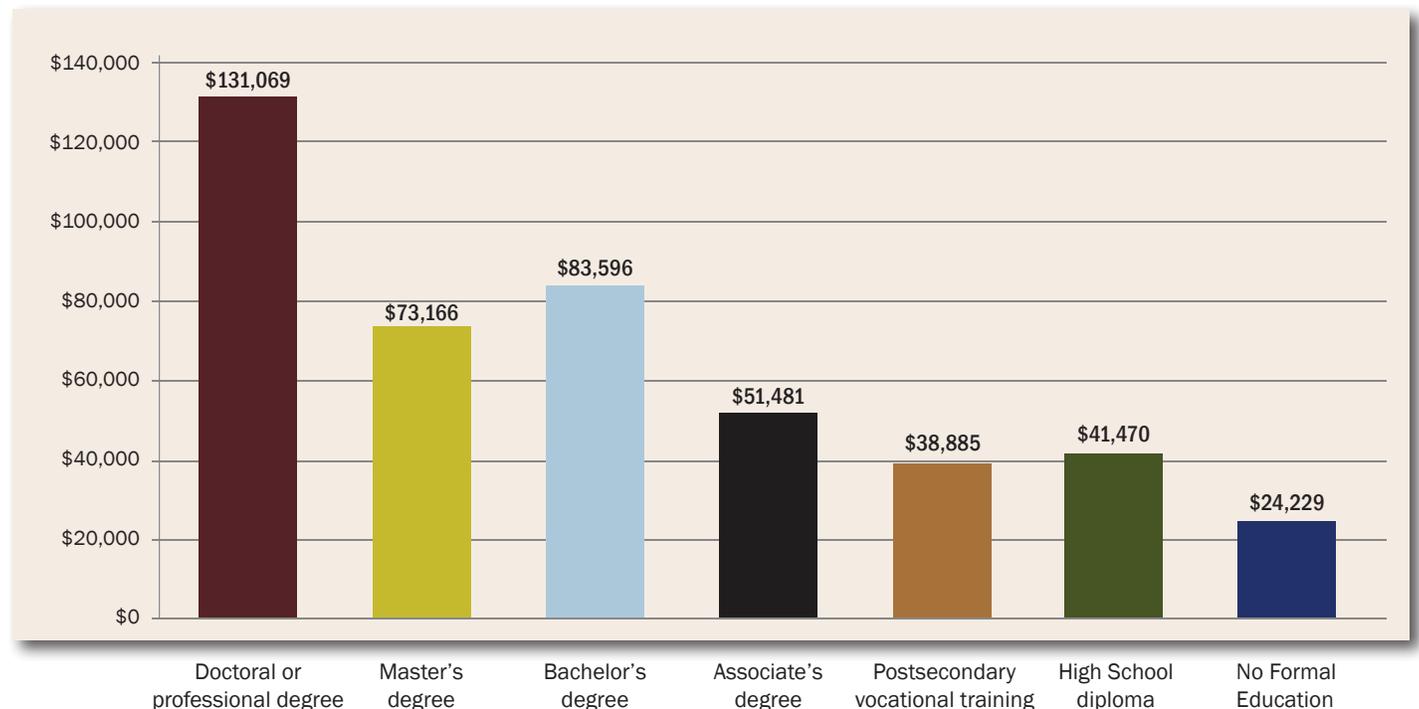
H = High Skill    M = Middle Skill    L = Low Skill

## Projected Openings and Growth by Education Level, 2014–2024

Education	Total Openings 2014–2024	Percent of Total Openings	New Jobs	Annual Percent Growth	2015 Unemployment Rate
Ph.D./Professional	3,560	2.5%	1,120	1.1%	2.6%*
Master's	3,280	2.3%	1,310	1.3%	2.6%*
Bachelor's	32,940	22.9%	10,860	1.1%	2.6%*
Associate's	3,780	2.6%	1,200	1.0%	4.7%
Vocational Education	8,550	6.0%	2,940	1.3%	Not Available
High School Graduate	42,150	29.4%	11,170	0.9%	4.9%
No Formal Education	49,340	34.4%	10,730	0.8%	7.1%

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

## Wages by Level of Education, 2014



**Table 1: Occupation Projections by Occupational Group**

SOC Code	Title of Occupation	2014 Est. Empl.	2024 Proj. Empl.	Wage Cat.	Job Avail.	Educ.	Work Exp.	Job Training	Skill
<b>11-0000 Management Occupations</b>									
11-1011	Chief Executives	509	499	NA	Poor	Bach	5+	None	H
11-1021	General and Operations Managers	4,629	4,950	High	Excl	Bach	5+	None	H
11-1031	Legislators	140	144	NA	Poor	Bach	<5	None	H
11-2011	Advertising and Promotions Managers	61	52	High	Poor	Bach	<5	None	H
11-2021	Marketing Managers	836	872	High	Good	Bach	5+	None	H
11-2022	Sales Managers	790	789	High	Poor	Bach	<5	None	H
11-2031	Public Relations and Fundraising Managers	193	199	High	Fair	Bach	5+	None	H
11-3011	Administrative Services Managers	677	742	High	Good	Bach	<5	None	H
11-3021	Computer and Information Systems Managers	1,120	1,261	High	Excl	Bach	5+	None	H
11-3031	Financial Managers	2,323	2,521	High	Excl	Bach	5+	None	H
11-3051	Industrial Production Managers	328	303	High	Poor	Bach	5+	None	H
11-3061	Purchasing Managers	101	94	High	Poor	Bach	5+	None	H
11-3071	Transportation, Storage, and Distribution Managers	316	312	High	Poor	HS	5+	None	M
11-3111	Compensation and Benefits Managers	52	55	High	Poor	Bach	5+	None	H
11-3121	Human Resources Managers	334	353	High	Fair	Bach	5+	None	H
11-3131	Training and Development Managers	66	65	High	Poor	Bach	5+	None	H
11-9013	Farmers, Ranchers, and Other Agricultural Managers	3,135	3,128	NA	Poor	HS	5+	None	H
11-9021	Construction Managers	640	712	High	Good	Bach	None	MOJT	H
11-9031	Education Administrators, Preschool and Childcare Center/Program	226	260	Avg	Fair	Bach	<5	None	H
11-9032	Education Administrators, Elementary and Secondary School	763	822	High	Good	Mast	5+	None	H
11-9033	Education Administrators, Postsecondary	362	401	High	Good	Mast	<5	None	H
11-9039	Education Administrators, All Other	61	67	High	Fair	Bach	<5	None	H
11-9041	Architectural and Engineering Managers	488	487	High	Poor	Bach	5+	None	H
11-9051	Food Service Managers	482	511	+Avg	Fair	HS	<5	None	M
11-9061	Funeral Service Managers	82	87	High	Poor	Assoc	<5	None	M
11-9081	Lodging Managers	89	102	High	Fair	HS	<5	None	M
11-9111	Medical and Health Services Managers	748	852	High	Excl	Bach	<5	None	H
11-9121	Natural Sciences Managers	565	539	High	Poor	Bach	5+	None	H
11-9141	Property, Real Estate, and Community Association Managers	686	756	+Avg	Good	HS	<5	None	M
11-9151	Social and Community Service Managers	918	1,026	+Avg	Excl	Bach	5+	None	H
11-9199	Managers, All Other	2,137	2,295	High	Excl	Bach	<5	None	H

OCCUPATION PROJECTIONS BY OCCUPATIONAL GROUP

SOC Code	Title of Occupation	2014 Est. Empl.	2024 Proj. Empl.	Wage Cat.	Job Avail.	Educ.	Work Exp.	Job Training	Skill
<b>13-0000 Business and Financial Operations Occupations</b>									
13-1022	Wholesale and Retail Buyers, Except Farm Products	139	151	Avg	Fair	Bach	None	LOJT	H
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	695	698	+Avg	Poor	Bach	None	LOJT	H
13-1031	Claims Adjusters, Examiners, and Investigators	752	801	+Avg	Good	HS	None	LOJT	M
13-1041	Compliance Officers	1,062	1,114	High	Good	Bach	None	MOJT	H
13-1051	Cost Estimators	1,186	1,344	+Avg	Excl	Bach	None	None	H
13-1071	Human Resources Specialists	1,627	1,704	+Avg	Good	Bach	None	None	H
13-1075	Labor Relations Specialists	1,151	1,115	+Avg	Poor	Bach	<5	None	H
13-1111	Management Analysts	2,214	2,471	High	Excl	Bach	<5	None	H
13-1121	Meeting, Convention, and Event Planners	300	337	Avg	Good	Bach	None	None	H
13-1131	Fundraisers	419	473	+Avg	Good	Bach	None	None	H
13-1141	Compensation, Benefits, and Job Analysis Specialists	170	181	+Avg	Fair	Bach	<5	None	H
13-1151	Training and Development Specialists	908	982	+Avg	Good	Bach	<5	None	H
13-1161	Market Research Analysts and Marketing Specialists	1,936	2,281	High	Excl	Bach	None	None	H
13-1199	Business Operations Specialists, All Other	1,589	1,750	+Avg	Excl	Bach	None	None	H
13-2011	Accountants and Auditors	5,081	5,590	+Avg	Excl	Bach	None	None	H
13-2021	Appraisers and Assessors of Real Estate	178	198	Avg	Fair	Bach	None	LOJT	H
13-2031	Budget Analysts	149	159	+Avg	Fair	Bach	None	None	H
13-2041	Credit Analysts	1,157	1,313	+Avg	Excl	Bach	None	None	H
13-2051	Financial Analysts	2,864	3,267	High	Excl	Bach	None	None	H
13-2052	Personal Financial Advisors	1,119	1,450	High	Excl	Bach	None	LOJT	H
13-2053	Insurance Underwriters	422	378	+Avg	Poor	Bach	None	MOJT	H
13-2061	Financial Examiners	583	724	High	Excl	Bach	None	MOJT	H
13-2071	Credit Counselors	131	157	-Avg	Fair	Bach	None	MOJT	H
13-2072	Loan Officers	1,067	1,224	+Avg	Excl	Bach	None	MOJT	H
13-2081	Tax Examiners and Collectors, and Revenue Agents	110	111	+Avg	Poor	Bach	None	MOJT	H
13-2082	Tax Preparers	157	155	NA	Poor	HS	None	MOJT	H
13-2099	Financial Specialists, All Other	682	775	+Avg	Good	Bach	None	MOJT	H
<b>15-0000 Computer and Mathematical Occupations</b>									
15-1111	Computer and Information Research Scientists	88	93	High	Poor	PhD/prof	None	None	H
15-1121	Computer Systems Analysts	3,282	3,998	High	Excl	Bach	None	None	H
15-1122	Information Security Analysts	249	285	High	Good	Bach	<5	None	H
15-1131	Computer Programmers	1,266	1,110	High	Poor	Bach	None	None	H
15-1132	Software Developers, Applications	2,581	3,037	High	Excl	Bach	None	None	H
15-1133	Software Developers, Systems Software	1,238	1,367	High	Excl	Bach	None	None	H
15-1134	Web Developers	472	606	High	Excl	Assoc	None	None	M

OCCUPATION PROJECTIONS BY OCCUPATIONAL GROUP

SOC Code	Title of Occupation	2014 Est. Empl.	2024 Proj. Empl.	Wage Cat.	Job Avail.	Educ.	Work Exp.	Job Training	Skill
15-1141	Database Administrators	468	521	High	Good	Bach	<5	None	H
15-1142	Network and Computer Systems Administrators	1,123	1,207	+Avg	Good	Bach	None	None	H
15-1143	Computer Network Architects	604	669	High	Good	Bach	5+	None	H
15-1151	Computer User Support Specialists	1,290	1,455	Avg	Excl	HS	None	None	M
15-1152	Computer Network Support Specialists	491	537	+Avg	Good	Assoc	None	None	M
15-1199	Computer Occupations, All Other	190	205	High	Fair	Bach	None	None	H
15-2031	Operations Research Analysts	563	773	High	Excl	Bach	None	None	H
15-2041	Statisticians	98	132	High	Fair	Mast	None	None	H

**17-0000 Architecture and Engineering Occupations**

17-1011	Architects, Except Landscape and Naval	198	204	High	Fair	Bach	None	Int/res	H
17-1012	Landscape Architects	55	54	+Avg	Poor	Bach	None	Int/res	H
17-1022	Surveyors	79	74	+Avg	Poor	Bach	<5	None	H
17-2041	Chemical Engineers	711	706	High	Poor	Bach	None	None	H
17-2051	Civil Engineers	905	968	High	Good	Bach	None	None	H
17-2071	Electrical Engineers	475	478	High	Poor	Bach	None	None	H
17-2081	Environmental Engineers	166	180	High	Fair	Bach	None	None	H
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	57	58	High	Poor	Bach	None	None	H
17-2112	Industrial Engineers	524	520	High	Poor	Bach	None	None	H
17-2141	Mechanical Engineers	728	771	High	Good	Bach	None	None	H
17-2199	Engineers, All Other	53	59	High	Fair	Bach	None	None	H
17-3011	Architectural and Civil Drafters	314	293	Avg	Poor	Assoc	None	None	M
17-3012	Electrical and Electronics Drafters	90	95	+Avg	Poor	Assoc	None	None	M
17-3013	Mechanical Drafters	164	159	+Avg	Poor	Assoc	None	None	M
17-3022	Civil Engineering Technicians	437	454	Avg	Fair	Assoc	None	None	M
17-3023	Electrical and Electronics Engineering Technicians	165	174	Avg	Fair	Assoc	None	None	M
17-3026	Industrial Engineering Technicians	137	141	+Avg	Poor	Assoc	None	None	M
17-3031	Surveying and Mapping Technicians	129	115	-Avg	Poor	HS	None	MOJT	M

**19-0000 Life, Physical, and Social Science Occupations**

19-1013	Soil and Plant Scientists	77	82	+Avg	Poor	Bach	None	None	H
19-1021	Biochemists and Biophysicists	216	221	High	Poor	PhD/prof	None	None	H
19-1022	Microbiologists	164	169	+Avg	Poor	Bach	None	None	H
19-2031	Chemists	3,469	3,786	High	Excl	Bach	None	None	H
19-2041	Environmental Scientists and Specialists, Including Health	435	487	NA	Good	Bach	None	None	H
19-2042	Geoscientists, Except Hydrologists and Geographers	69	76	High	Fair	Bach	None	None	H
19-3022	Survey Researchers	74	81	Avg	Fair	Mast	None	None	H

OCCUPATION PROJECTIONS BY OCCUPATIONAL GROUP

SOC Code	Title of Occupation	2014 Est. Empl.	2024 Proj. Empl.	Wage Cat.	Job Avail.	Educ.	Work Exp.	Job Training	Skill
19-3031	Clinical, Counseling, and School Psychologists	363	430	High	Good	PhD/prof	None	Int/res	H
19-3051	Urban and Regional Planners	211	227	+Avg	Fair	Mast	None	None	H
19-4011	Agricultural and Food Science Technicians	71	75	-Avg	Poor	Assoc	None	MOJT	M
19-4021	Biological Technicians	93	93	-Avg	Poor	Bach	None	None	H
19-4031	Chemical Technicians	945	955	+Avg	Fair	Assoc	None	MOJT	M
19-4091	Environmental Science and Protection Technicians, Including Health	279	309	-Avg	Fair	Assoc	None	None	M
19-4099	Life, Physical, and Social Science Technicians, All Other	140	148	Avg	Fair	Assoc	None	None	M
<b>21-0000 Community and Social Service Occupations</b>									
21-1011	Substance Abuse and Behavioral Disorder Counselors	206	246	Avg	Good	Bach	None	None	H
21-1012	Educational, Guidance, School, and Vocational Counselors	1,010	1,120	+Avg	Excl	Mast	None	None	H
21-1013	Marriage and Family Therapists	253	274	Avg	Fair	Mast	None	Int/res	H
21-1014	Mental Health Counselors	611	722	-Avg	Excl	Mast	None	Int/res	H
21-1015	Rehabilitation Counselors	694	779	-Avg	Good	Mast	None	None	H
21-1021	Child, Family, and School Social Workers	1,244	1,363	-Avg	Excl	Bach	None	None	H
21-1022	Healthcare Social Workers	511	586	Avg	Good	Mast	None	None	H
21-1023	Mental Health and Substance Abuse Social Workers	358	413	Avg	Good	Bach	None	None	H
21-1029	Social Workers, All Other	91	95	+Avg	Poor	Bach	None	None	H
21-1091	Health Educators	194	221	+Avg	Fair	Bach	None	None	H
21-1092	Probation Officers and Correctional Treatment Specialists	395	421	Avg	Fair	Bach	None	SOJT	H
21-1093	Social and Human Service Assistants	489	538	Low	Good	HS	None	SOJT	L
21-1094	Community Health Workers	277	318	-Avg	Good	HS	None	SOJT	L
21-1099	Community and Social Service Specialists, All Other	748	844	-Avg	Excl	Mast	None	None	H
<b>23-0000 Legal Occupations</b>									
23-1011	Lawyers	3,543	3,663	High	Excl	PhD/prof	None	None	H
23-1012	Judicial Law Clerks	96	92	Avg	Poor	PhD/prof	None	None	H
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	77	79	+Avg	Poor	PhD/prof	5+	SOJT	H
23-1022	Arbitrators, Mediators, and Conciliators	23	25	-Avg	Poor	Bach	<5	MOJT	H
23-1023	Judges, Magistrate Judges, and Magistrates	119	123	High	Poor	PhD/prof	5+	SOJT	H
23-2011	Paralegals and Legal Assistants	1,301	1,357	Avg	Good	Assoc	None	None	M
23-2099	Legal Support Workers, All Other	363	365	+Avg	Poor	HS	None	SOJT	L

OCCUPATION PROJECTIONS BY OCCUPATIONAL GROUP

SOC Code	Title of Occupation	2014 Est. Empl.	2024 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	372	411	High	Good	PhD/ prof	None	None	H
25-1021	Computer Science Teachers, Postsecondary	127	140	High	Fair	PhD/ prof	None	None	H
25-1022	Mathematical Science Teachers, Postsecondary	183	216	+Avg	Fair	PhD/ prof	None	None	H
25-1032	Engineering Teachers, Postsecondary	197	226	+Avg	Fair	PhD/ prof	None	None	H
25-1041	Agricultural Sciences Teachers, Postsecondary	62	67	High	Poor	PhD/ prof	None	None	H
25-1042	Biological Science Teachers, Postsecondary	69	81	High	Fair	PhD/ prof	None	None	H
25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	54	60	High	Fair	PhD/ prof	None	None	H
25-1052	Chemistry Teachers, Postsecondary	71	83	+Avg	Fair	PhD/ prof	None	None	H
25-1063	Economics Teachers, Postsecondary	67	75	High	Fair	PhD/ prof	None	None	H
25-1065	Political Science Teachers, Postsecondary	63	70	High	Fair	PhD/ prof	None	None	H
25-1066	Psychology Teachers, Postsecondary	57	67	High	Fair	PhD/ prof	None	None	H
25-1067	Sociology Teachers, Postsecondary	79	93	+Avg	Fair	PhD/ prof	None	None	H
25-1071	Health Specialties Teachers, Postsecondary	218	264	High	Good	PhD/ prof	<5	None	H
25-1072	Nursing Instructors and Teachers, Postsecondary	281	343	High	Good	Mast	<5	None	H
25-1081	Education Teachers, Postsecondary	206	229	+Avg	Fair	PhD/ prof	<5	None	H
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	57	70	+Avg	Fair	PhD/ prof	None	None	H
25-1113	Social Work Teachers, Postsecondary	103	120	+Avg	Fair	PhD/ prof	None	None	H
25-1121	Art, Drama, and Music Teachers, Postsecondary	335	378	+Avg	Good	Mast	None	None	H
25-1123	English Language and Literature Teachers, Postsecondary	260	292	+Avg	Fair	PhD/ prof	None	None	H
25-1124	Foreign Language and Literature Teachers, Postsecondary	107	121	+Avg	Fair	PhD/ prof	None	None	H
25-1125	History Teachers, Postsecondary	51	57	+Avg	Fair	PhD/ prof	None	None	H
25-1194	Vocational Education Teachers, Postsecondary	210	229	Avg	Fair	Bach	<5	None	H
25-1199	Postsecondary Teachers, All Other	91	101	Avg	Fair	PhD/ prof	None	None	H
25-2011	Preschool Teachers, Except Special Education	2,146	2,467	Low	Excl	Assoc	None	None	M

OCCUPATION PROJECTIONS BY OCCUPATIONAL GROUP

SOC Code	Title of Occupation	2014 Est. Empl.	2024 Proj. Empl.	Wage Cat.	Job Avail.	Educ.	Work Exp.	Job Training	Skill
25-2012	Kindergarten Teachers, Except Special Education	465	502	+Avg	Good	Bach	None	Int/res	H
25-2021	Elementary School Teachers, Except Special Education	4,427	4,813	+Avg	Excl	Bach	None	Int/res	H
25-2022	Middle School Teachers, Except Special and Career/Technical Education	2,048	2,224	+Avg	Excl	Bach	None	Int/res	H
25-2031	Secondary School Teachers, Except Special and Career/Technical Education	3,310	3,594	+Avg	Excl	Bach	None	Int/res	H
25-2032	Career/Technical Education Teachers, Secondary School	183	187	+Avg	Poor	Bach	<5	Int/res	H
25-2052	Special Education Teachers, Kindergarten and Elementary School	1,188	1,280	+Avg	Good	Bach	None	Int/res	H
25-2054	Special Education Teachers, Secondary School	288	309	+Avg	Fair	Bach	None	Int/res	H
25-2059	Special Education Teachers, All Other	141	157	+Avg	Fair	Bach	None	Int/res	H
25-3011	Adult Basic and Secondary Education and Literacy Teachers and Instructors	364	400	+Avg	Good	Bach	None	Int/res	H
25-3021	Self-Enrichment Education Teachers	509	603	Avg	Good	HS	<5	None	M
25-3097	Teachers and Instructors, All Other, Except Substitute Teachers	552	606	-Avg	Good	Bach	None	Int/res	H
25-3098	Substitute Teachers	3,378	3,835	Low	Excl	Bach	None	Int/res	H
25-4011	Archivists	29	30	Avg	Poor	Mast	None	None	H
25-4013	Museum Technicians and Conservators	100	104	Avg	Poor	Bach	None	None	H
25-4021	Librarians	486	501	+Avg	Fair	Mast	None	None	H
25-4031	Library Technicians	215	229	-Avg	Fair	VocEd	None	None	M
25-9011	Audio-Visual and Multimedia Collections Specialists	75	82	-Avg	Fair	Bach	<5	None	H
25-9021	Farm and Home Management Advisors	191	196	Avg	Poor	Mast	None	None	H
25-9031	Instructional Coordinators	771	846	+Avg	Good	Mast	5+	None	H
25-9041	Teacher Assistants	3,174	3,515	Low	Excl	HS	None	None	L
25-9099	Education, Training, and Library Workers, All Other	152	165	-Avg	Fair	Bach	None	None	H

**27-0000 Arts, Design, Entertainment, Sports, and Media Occupations**

27-1011	Art Directors	88	94	High	Fair	Bach	5+	None	H
27-1014	Multimedia Artists and Animators	62	68	NA	Fair	Bach	None	MOJT	H
27-1023	Floral Designers	153	155	Low	Poor	HS	None	MOJT	M
27-1024	Graphic Designers	531	531	Avg	Poor	Bach	None	None	H
27-1025	Interior Designers	171	185	+Avg	Fair	Bach	None	None	H
27-1026	Merchandise Displayers and Window Trimmers	534	515	Low	Poor	HS	None	MOJT	M
27-2012	Producers and Directors	140	163	+Avg	Fair	Bach	<5	None	H
27-2022	Coaches and Scouts	775	842	-Avg	Good	Bach	None	None	H
27-2023	Umpires, Referees, and Other Sports Officials	205	218	-Avg	Fair	HS	None	MOJT	M
27-3031	Public Relations Specialists	738	800	+Avg	Good	Bach	None	None	H
27-3041	Editors	200	191	+Avg	Poor	Bach	<5	None	H
27-3042	Technical Writers	151	163	+Avg	Fair	Bach	<5	SOJT	H

OCCUPATION PROJECTIONS BY OCCUPATIONAL GROUP

SOC Code	Title of Occupation	2014 Est. Empl.	2024 Proj. Empl.	Wage Cat.	Job Avail.	Educ.	Work Exp.	Job Training	Skill
27-3043	Writers and Authors	180	207	+Avg	Fair	Bach	None	MOJT	H
27-4011	Audio and Video Equipment Technicians	75	83	Avg	Fair	VocEd	None	SOJT	M
27-4012	Broadcast Technicians	67	72	NA	Poor	Assoc	None	SOJT	M
27-4021	Photographers	180	187	Avg	Fair	HS	None	LOJT	M
<b>29-0000 Healthcare Practitioners and Technical Occupations</b>									
29-1011	Chiropractors	120	126	High	Fair	PhD/prof	None	None	H
29-1021	Dentists, General	355	376	High	Fair	PhD/prof	None	None	H
29-1031	Dietitians and Nutritionists	162	188	+Avg	Fair	Bach	None	Int/res	H
29-1041	Optometrists	147	174	High	Fair	PhD/prof	None	None	H
29-1051	Pharmacists	814	862	High	Good	PhD/prof	None	None	H
29-1062	Family and General Practitioners	597	607	High	Fair	PhD/prof	None	Int/res	H
29-1063	Internists, General	104	107	High	Poor	PhD/prof	None	Int/res	H
29-1064	Obstetricians and Gynecologists	135	147	High	Fair	PhD/prof	None	Int/res	H
29-1065	Pediatricians, General	79	81	High	Poor	PhD/prof	None	Int/res	H
29-1066	Psychiatrists	118	133	High	Fair	PhD/prof	None	Int/res	H
29-1067	Surgeons	203	225	NA	Fair	PhD/prof	None	Int/res	H
29-1069	Physicians and Surgeons, All Other	1,475	1,665	High	Excl	PhD/prof	None	Int/res	H
29-1071	Physician Assistants	424	525	High	Excl	Mast	None	None	H
29-1122	Occupational Therapists	235	289	High	Good	Mast	None	None	H
29-1123	Physical Therapists	652	847	High	Excl	PhD/prof	None	None	H
29-1124	Radiation Therapists	64	73	High	Fair	Assoc	None	None	M
29-1125	Recreational Therapists	89	99	-Avg	Fair	Bach	None	None	H
29-1126	Respiratory Therapists	366	423	+Avg	Good	Assoc	None	None	M
29-1127	Speech-Language Pathologists	442	549	High	Excl	Mast	None	None	H
29-1131	Veterinarians	285	301	High	Fair	PhD/prof	None	None	H
29-1141	Registered Nurses	10,467	12,211	+Avg	Excl	Bach	None	None	H
29-1151	Nurse Anesthetists	369	416	High	Good	Mast	None	None	H
29-1171	Nurse Practitioners	527	677	High	Excl	Mast	None	None	H
29-2011	Medical and Clinical Laboratory Technologists	443	500	+Avg	Good	Bach	None	None	H
29-2012	Medical and Clinical Laboratory Technicians	189	216	Avg	Fair	Assoc	None	None	M
29-2021	Dental Hygienists	715	758	+Avg	Good	Assoc	None	None	M

OCCUPATION PROJECTIONS BY OCCUPATIONAL GROUP

SOC Code	Title of Occupation	2014 Est. Empl.	2024 Proj. Empl.	Wage Cat.	Job Avail.	Educ.	Work Exp.	Job Training	Skill
29-2031	Cardiovascular Technologists and Technicians	380	474	Avg	Good	Assoc	None	None	M
29-2032	Diagnostic Medical Sonographers	170	212	+Avg	Good	Assoc	None	None	M
29-2033	Nuclear Medicine Technologists	90	93	+Avg	Poor	Assoc	None	None	M
29-2034	Radiologic Technologists	629	679	+Avg	Good	Assoc	None	None	M
29-2035	Magnetic Resonance Imaging Technologists	271	296	+Avg	Fair	Assoc	<5	None	M
29-2041	Emergency Medical Technicians and Paramedics	1,343	1,508	-Avg	Excl	VocEd	None	None	M
29-2051	Dietetic Technicians	133	152	Low	Fair	Assoc	None	None	M
29-2052	Pharmacy Technicians	1,037	1,178	Low	Excl	HS	None	MOJT	M
29-2055	Surgical Technologists	342	390	Avg	Good	VocEd	None	None	M
29-2056	Veterinary Technologists and Technicians	364	416	-Avg	Good	Assoc	None	None	M
29-2057	Ophthalmic Medical Technicians	268	301	-Avg	Fair	VocEd	None	None	M
29-2061	Licensed Practical and Licensed Vocational Nurses	2,042	2,253	Avg	Excl	VocEd	None	None	M
29-2071	Medical Records and Health Information Technicians	440	498	-Avg	Good	VocEd	None	None	M
29-2081	Opticians, Dispensing	394	477	-Avg	Good	HS	None	LOJT	M
29-2099	Health Technologists and Technicians, All Other	268	343	Avg	Good	HS	None	None	L
29-9011	Occupational Health and Safety Specialists	361	382	+Avg	Fair	Bach	None	None	H
29-9091	Athletic Trainers	84	102	Avg	Fair	Bach	None	None	H

**31-0000 Healthcare Support Occupations**

31-1011	Home Health Aides	2,785	3,630	Low	Excl	NFE	None	SOJT	M
31-1013	Psychiatric Aides	135	155	Low	Fair	HS	None	SOJT	M
31-1014	Nursing Assistants	5,638	6,392	Low	Excl	VocEd	None	None	M
31-1015	Orderlies	313	349	Low	Good	HS	None	SOJT	L
31-2011	Occupational Therapy Assistants	82	109	Avg	Fair	Assoc	None	None	M
31-2021	Physical Therapist Assistants	210	278	Avg	Good	Assoc	None	None	M
31-2022	Physical Therapist Aides	416	543	Low	Excl	HS	None	SOJT	L
31-9011	Massage Therapists	228	280	Avg	Good	VocEd	None	None	M
31-9091	Dental Assistants	749	797	-Avg	Good	VocEd	None	None	M
31-9092	Medical Assistants	1,913	2,175	-Avg	Excl	VocEd	None	None	M
31-9093	Medical Equipment Preparers	167	192	-Avg	Fair	HS	None	MOJT	M
31-9094	Medical Transcriptionists	161	151	-Avg	Poor	VocEd	None	None	M
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	204	204	Low	Poor	HS	None	SOJT	M
31-9097	Phlebotomists	481	573	-Avg	Good	VocEd	None	None	M

**33-0000 Protective Service Occupations**

33-1011	First-Line Supervisors of Correctional Officers	206	219	Avg	Fair	HS	<5	MOJT	M
33-1012	First-Line Supervisors of Police and Detectives	314	334	High	Fair	HS	<5	MOJT	M
33-1099	First-Line Supervisors of Protective Service Workers, All Other	346	374	Avg	Fair	HS	<5	None	M
33-3011	Bailiffs	72	77	Low	Poor	HS	None	MOJT	M

OCCUPATION PROJECTIONS BY OCCUPATIONAL GROUP

SOC Code	Title of Occupation	2014 Est. Empl.	2024 Proj. Empl.	Wage Cat.	Job Avail.	Educ.	Work Exp.	Job Training	Skill
33-3012	Correctional Officers and Jailers	1,653	1,759	-Avg	Excl	HS	None	MOJT	M
33-3021	Detectives and Criminal Investigators	87	93	High	Fair	HS	<5	MOJT	M
33-3031	Fish and Game Wardens	53	56	Avg	Poor	Bach	None	MOJT	H
33-3051	Police and Sheriff's Patrol Officers	1,745	1,863	+Avg	Excl	HS	None	MOJT	M
33-9011	Animal Control Workers	109	124	-Avg	Fair	HS	None	MOJT	M
33-9031	Gaming Surveillance Officers and Gaming Investigators	85	86	-Avg	Poor	HS	None	SOJT	L
33-9032	Security Guards	3,637	3,885	Low	Excl	HS	None	SOJT	L
33-9091	Crossing Guards	349	378	-Avg	Fair	NFE	None	SOJT	L
33-9092	Lifeguards and Other Recreational Protective Service Workers	499	546	Low	Good	NFE	None	SOJT	L
33-9099	Protective Service Workers, All Other	322	352	Low	Fair	HS	None	SOJT	L
<b>35-0000 Food Preparation and Serving-Related Occupations</b>									
35-1011	Chefs and Head Cooks	238	264	Avg	Fair	HS	5+	None	M
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	3,030	3,374	-Avg	Excl	HS	<5	None	M
35-2011	Cooks, Fast Food	565	493	Low	Poor	NFE	None	SOJT	L
35-2012	Cooks, Institution and Cafeteria	2,722	2,770	Low	Good	NFE	None	SOJT	L
35-2014	Cooks, Restaurant	4,017	4,684	Low	Excl	NFE	<5	MOJT	M
35-2015	Cooks, Short Order	363	348	Low	Poor	NFE	None	SOJT	L
35-2021	Food Preparation Workers	2,152	2,355	Low	Excl	NFE	None	SOJT	L
35-3011	Bartenders	1,753	1,972	Low	Excl	NFE	None	SOJT	L
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	11,705	13,231	Low	Excl	NFE	None	SOJT	L
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	875	942	Low	Good	NFE	None	SOJT	L
35-3031	Waiters and Waitresses	7,678	8,052	Low	Excl	NFE	None	SOJT	L
35-3041	Food Servers, Nonrestaurant	939	1,038	Low	Excl	NFE	None	SOJT	L
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	775	839	Low	Good	NFE	None	SOJT	L
35-9021	Dishwashers	1,855	1,795	Low	Poor	NFE	None	SOJT	L
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	1,730	1,844	Low	Excl	NFE	None	None	L
35-9099	Food Preparation and Serving Related Workers, All Other	107	120	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	826	892	Avg	Good	HS	<5	None	M
37-1012	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers	509	551	Avg	Good	HS	<5	None	M
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	8,166	8,794	Low	Excl	NFE	None	SOJT	L
37-2012	Maids and Housekeeping Cleaners	3,241	3,613	Low	Excl	NFE	None	SOJT	L

OCCUPATION PROJECTIONS BY OCCUPATIONAL GROUP

SOC Code	Title of Occupation	2014 Est. Empl.	2024 Proj. Empl.	Wage Cat.	Job Avail.	Educ.	Work Exp.	Job Training	Skill
37-2019	Building Cleaning Workers, All Other	87	97	Avg	Fair	NFE	None	SOJT	L
37-2021	Pest Control Workers	204	203	-Avg	Poor	HS	None	MOJT	M
37-3011	Landscaping and Groundskeeping Workers	3,837	4,143	Low	Excl	NFE	None	SOJT	L
<b>39-0000 Personal Care and Service Occupations</b>									
39-1021	First-Line Supervisors of Personal Service Workers	946	1,060	Avg	Excl	HS	<5	None	M
39-2011	Animal Trainers	117	124	-Avg	Fair	HS	None	MOJT	M
39-2021	Nonfarm Animal Caretakers	1,033	1,144	Low	Excl	HS	None	SOJT	L
39-3012	Gaming and Sports Book Writers and Runners	87	93	NA	Fair	HS	None	SOJT	L
39-3031	Ushers, Lobby Attendants, and Ticket Takers	212	213	Low	Poor	NFE	None	SOJT	L
39-3091	Amusement and Recreation Attendants	984	1,077	Low	Good	NFE	None	SOJT	L
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	70	72	Low	Poor	HS	None	SOJT	L
39-4021	Funeral Attendants	143	140	Low	Poor	HS	None	SOJT	L
39-5012	Hairdressers, Hairstylists, and Cosmetologists	2,717	3,000	-Avg	Excl	VocEd	None	None	M
39-5093	Shampooers	326	363	Low	Good	NFE	None	SOJT	L
39-7011	Tour Guides and Escorts	234	235	Low	Poor	HS	None	MOJT	M
39-9011	Childcare Workers	2,217	2,520	Low	Excl	HS	None	SOJT	M
39-9021	Personal Care Aides	1,355	1,753	Low	Excl	NFE	None	SOJT	M
39-9031	Fitness Trainers and Aerobics Instructors	1,346	1,496	-Avg	Excl	HS	None	SOJT	L
39-9032	Recreation Workers	998	1,130	Low	Excl	HS	None	SOJT	L
<b>41-0000 Sales and Related Occupations</b>									
41-1011	First-Line Supervisors of Retail Sales Workers	4,787	5,067	Avg	Excl	HS	<5	None	M
41-1012	First-Line Supervisors of Non-Retail Sales Workers	887	968	High	Good	HS	<5	None	M
41-2011	Cashiers	10,579	10,774	Low	Excl	NFE	None	SOJT	L
41-2021	Counter and Rental Clerks	1,383	1,423	-Avg	Good	NFE	None	SOJT	L
41-2031	Retail Salespersons	17,969	19,644	Low	Excl	NFE	None	SOJT	L
41-3011	Advertising Sales Agents	353	366	Avg	Fair	HS	None	MOJT	M
41-3021	Insurance Sales Agents	1,190	1,321	+Avg	Excl	HS	None	MOJT	M
41-3031	Securities, Commodities, and Financial Services Sales Agents	1,778	2,004	High	Excl	Bach	None	MOJT	H
41-3041	Travel Agents	181	159	Avg	Poor	HS	None	MOJT	M
41-3099	Sales Representatives, Services, All Other	2,463	2,761	+Avg	Excl	HS	None	MOJT	M
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	1,314	1,269	High	Poor	Bach	None	MOJT	H
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	3,167	3,254	+Avg	Good	HS	None	MOJT	M
41-9011	Demonstrators and Product Promoters	116	126	Low	Fair	HS	None	SOJT	L
41-9021	Real Estate Brokers	119	119	+Avg	Poor	HS	<5	None	M

SOC Code	Title of Occupation	2014 Est. Empl.	2024 Proj. Empl.	Wage Cat.	Job Avail.	Educ.	Work Exp.	Job Training	Skill
41-9022	Real Estate Sales Agents	1,312	1,418	+Avg	Excl	HS	None	MOJT	M
41-9031	Sales Engineers	66	70	High	Poor	Bach	None	MOJT	H
41-9099	Sales and Related Workers, All Other	285	312	NA	Fair	HS	None	None	L
<b>43-0000 Office and Administrative Support Occupations</b>									
43-1011	First-Line Supervisors of Office and Administrative Support Workers	5,015	5,489	Avg	Excl	HS	<5	None	M
43-2011	Switchboard Operators, Including Answering Service	288	198	Low	Poor	HS	None	SOJT	L
43-3011	Bill and Account Collectors	1,092	1,031	NA	Poor	HS	None	MOJT	M
43-3021	Billing and Posting Clerks	2,406	2,668	-Avg	Excl	HS	None	MOJT	M
43-3031	Bookkeeping, Accounting, and Auditing Clerks	6,736	6,253	-Avg	Poor	HS	None	MOJT	M
43-3041	Gaming Cage Workers	143	160	Low	Fair	HS	None	SOJT	L
43-3051	Payroll and Timekeeping Clerks	449	437	Avg	Poor	HS	None	MOJT	M
43-3061	Procurement Clerks	215	196	-Avg	Poor	HS	None	MOJT	M
43-3071	Tellers	2,231	2,215	Low	Poor	HS	None	SOJT	L
43-3099	Financial Clerks, All Other	195	222	Avg	Fair	HS	None	SOJT	L
43-4011	Brokerage Clerks	292	321	Avg	Fair	HS	None	MOJT	M
43-4031	Court, Municipal, and License Clerks	813	866	-Avg	Good	HS	None	MOJT	M
43-4041	Credit Authorizers, Checkers, and Clerks	1,882	1,888	-Avg	Fair	HS	None	MOJT	M
43-4051	Customer Service Representatives	6,610	7,360	-Avg	Excl	HS	None	SOJT	L
43-4061	Eligibility Interviewers, Government Programs	161	177	-Avg	Fair	HS	None	MOJT	M
43-4071	File Clerks	606	554	Low	Poor	HS	None	SOJT	L
43-4081	Hotel, Motel, and Resort Desk Clerks	647	733	Low	Good	HS	None	SOJT	L
43-4111	Interviewers, Except Eligibility and Loan	685	738	-Avg	Good	HS	None	SOJT	L
43-4121	Library Assistants, Clerical	460	494	Low	Fair	HS	None	SOJT	L
43-4131	Loan Interviewers and Clerks	1,003	1,163	-Avg	Excl	HS	None	SOJT	L
43-4141	New Accounts Clerks	296	292	-Avg	Poor	HS	None	MOJT	M
43-4151	Order Clerks	452	425	-Avg	Poor	HS	None	SOJT	L
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	453	442	-Avg	Poor	Assoc	None	None	M
43-4171	Receptionists and Information Clerks	2,666	2,760	Low	Good	HS	None	SOJT	L
43-4199	Information and Record Clerks, All Other	262	279	-Avg	Fair	HS	None	SOJT	L
43-5011	Cargo and Freight Agents	105	102	NA	Poor	HS	None	SOJT	L
43-5021	Couriers and Messengers	236	252	Low	Fair	HS	None	SOJT	L
43-5031	Police, Fire, and Ambulance Dispatchers	226	218	-Avg	Poor	HS	None	MOJT	M
43-5032	Dispatchers, Except Police, Fire, and Ambulance	696	751	-Avg	Good	HS	None	MOJT	M
43-5041	Meter Readers, Utilities	115	98	Avg	Poor	HS	None	SOJT	L
43-5051	Postal Service Clerks	228	220	Avg	Poor	HS	None	SOJT	L
43-5052	Postal Service Mail Carriers	991	952	Avg	Poor	HS	None	SOJT	L
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	415	360	Avg	Poor	HS	None	SOJT	L

OCCUPATION PROJECTIONS BY OCCUPATIONAL GROUP

SOC Code	Title of Occupation	2014 Est. Empl.	2024 Proj. Empl.	Wage Cat.	Job Avail.	Educ.	Work Exp.	Job Training	Skill
43-5061	Production, Planning, and Expediting Clerks	380	378	Avg	Poor	HS	None	MOJT	M
43-5071	Shipping, Receiving, and Traffic Clerks	1,979	2,024	-Avg	Good	HS	None	SOJT	L
43-5081	Stock Clerks and Order Fillers	5,979	6,320	Low	Excl	NFE	None	SOJT	L
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	145	149	-Avg	Poor	HS	None	SOJT	L
43-6011	Executive Secretaries and Executive Administrative Assistants	1,255	1,189	+Avg	Poor	HS	<5	None	M
43-6012	Legal Secretaries	1,307	1,203	Avg	Poor	HS	None	MOJT	M
43-6013	Medical Secretaries	4,356	4,929	-Avg	Excl	HS	None	MOJT	M
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	7,522	7,709	-Avg	Excl	HS	None	SOJT	L
43-9011	Computer Operators	305	257	Avg	Poor	HS	None	MOJT	M
43-9021	Data Entry Keyers	995	966	Low	Poor	HS	None	MOJT	M
43-9022	Word Processors and Typists	129	110	Avg	Poor	HS	None	SOJT	L
43-9041	Insurance Claims and Policy Processing Clerks	814	879	Avg	Good	HS	None	MOJT	M
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	472	369	Low	Poor	HS	None	SOJT	L
43-9061	Office Clerks, General	6,969	7,172	Low	Excl	HS	None	SOJT	L
43-9071	Office Machine Operators, Except Computer	519	470	Low	Poor	HS	None	SOJT	L
43-9199	Office and Administrative Support Workers, All Other	557	616	-Avg	Good	HS	None	SOJT	L

**45-0000 Farming, Fishing, and Forestry Occupations**

45-1011	First-Line Supervisors of Farming, Fishing, and Forestry Workers	211	188	Avg	Poor	HS	<5	None	M
45-2011	Agricultural Inspectors	152	156	Avg	Poor	Bach	None	MOJT	H
45-2091	Agricultural Equipment Operators	258	271	Low	Fair	NFE	None	SOJT	L
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	1,563	1,455	Low	Poor	NFE	None	SOJT	L
45-2093	Farmworkers, Farm, Ranch, and Aquacultural Animals	1,122	1,066	Low	Poor	NFE	None	SOJT	L
45-4011	Forest and Conservation Workers	182	193	Low	Fair	HS	None	MOJT	M

**47-0000 Construction and Extraction Occupations**

47-1011	First-Line Supervisors of Construction Trades and Extraction Workers	1,701	1,965	+Avg	Excl	HS	5+	None	M
47-2021	Brickmasons and Blockmasons	321	404	Avg	Good	HS	None	App	M
47-2031	Carpenters	2,711	3,193	Avg	Excl	HS	None	App	M
47-2051	Cement Masons and Concrete Finishers	415	470	Avg	Good	NFE	None	MOJT	L
47-2061	Construction Laborers	2,889	3,337	-Avg	Excl	NFE	None	SOJT	L
47-2071	Paving, Surfacing, and Tamping Equipment Operators	276	291	Avg	Fair	HS	None	MOJT	M
47-2073	Operating Engineers and Other Construction Equipment Operators	1,169	1,275	-Avg	Excl	HS	None	MOJT	M

OCCUPATION PROJECTIONS BY OCCUPATIONAL GROUP

SOC Code	Title of Occupation	2014 Est. Empl.	2024 Proj. Empl.	Wage Cat.	Job Avail.	Educ.	Work Exp.	Job Training	Skill
47-2081	Drywall and Ceiling Tile Installers	384	423	Avg	Good	NFE	None	MOJT	L
47-2111	Electricians	2,193	2,594	Avg	Excl	HS	None	App	M
47-2132	Insulation Workers, Mechanical	316	394	Avg	Good	HS	None	App	M
47-2141	Painters, Construction and Maintenance	709	809	-Avg	Excl	NFE	None	MOJT	L
47-2142	Paperhangers	93	94	-Avg	Poor	NFE	None	LOJT	M
47-2151	Pipelayers	90	96	-Avg	Fair	NFE	None	SOJT	L
47-2152	Plumbers, Pipefitters, and Steamfitters	1,013	1,181	Avg	Excl	HS	None	App	M
47-2181	Roofers	209	245	-Avg	Good	NFE	None	MOJT	L
47-2211	Sheet Metal Workers	529	546	Avg	Fair	HS	None	App	M
47-2221	Structural Iron and Steel Workers	158	164	Avg	Fair	HS	None	App	M
47-3012	Helpers–Carpenters	284	343	Low	Good	NFE	None	SOJT	L
47-3013	Helpers–Electricians	211	258	Low	Good	HS	None	SOJT	L
47-3019	Helpers, Construction Trades, All Other	61	68	Low	Fair	NFE	None	SOJT	L
47-4011	Construction and Building Inspectors	592	641	+Avg	Good	HS	5+	MOJT	M
47-4051	Highway Maintenance Workers	87	91	-Avg	Poor	HS	None	MOJT	M
47-4099	Construction and Related Workers, All Other	184	194	-Avg	Fair	HS	None	MOJT	M

**49-0000 Installation, Maintenance, and Repair Occupations**

49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	1,446	1,545	+Avg	Excl	HS	<5	None	M
49-2011	Computer, Automated Teller, and Office Machine Repairers	496	536	-Avg	Good	HS	None	SOJT	L
49-2021	Radio, Cellular, and Tower Equipment Installers and Repairs	79	95	Avg	Fair	Assoc	None	MOJT	M
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	678	771	NA	Good	VocEd	None	MOJT	M
49-2091	Avionics Technicians	99	95	Avg	Poor	Assoc	None	None	M
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	266	262	+Avg	Poor	VocEd	None	LOJT	M
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	236	238	+Avg	Poor	VocEd	None	LOJT	M
49-2098	Security and Fire Alarm Systems Installers	196	225	Avg	Fair	HS	None	MOJT	M
49-3011	Aircraft Mechanics and Service Technicians	469	476	Avg	Fair	VocEd	None	None	M
49-3021	Automotive Body and Related Repairers	388	421	Avg	Fair	HS	None	LOJT	M
49-3023	Automotive Service Technicians and Mechanics	2,066	2,156	-Avg	Good	VocEd	None	SOJT	M
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	526	583	Avg	Good	HS	None	LOJT	M
49-3041	Farm Equipment Mechanics and Service Technicians	174	187	-Avg	Fair	HS	None	LOJT	M
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	366	388	Avg	Fair	HS	None	LOJT	M
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	172	183	-Avg	Fair	HS	None	MOJT	M

OCCUPATION PROJECTIONS BY OCCUPATIONAL GROUP

SOC Code	Title of Occupation	2014 Est. Empl.	2024 Proj. Empl.	Wage Cat.	Job Avail.	Educ.	Work Exp.	Job Training	Skill
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	134	136	+Avg	Poor	HS	None	MOJT	M
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	2,000	2,359	Avg	Excl	VocEd	None	LOJT	M
49-9031	Home Appliance Repairers	136	141	-Avg	Poor	HS	None	MOJT	M
49-9041	Industrial Machinery Mechanics	884	1,020	Avg	Excl	HS	None	LOJT	M
49-9044	Millwrights	60	79	Avg	Fair	HS	None	App	M
49-9051	Electrical Power-Line Installers and Repairers	438	477	+Avg	Good	HS	None	LOJT	M
49-9052	Telecommunications Line Installers and Repairers	414	421	+Avg	Fair	HS	None	LOJT	M
49-9062	Medical Equipment Repairers	101	111	+Avg	Fair	Assoc	None	MOJT	M
49-9069	Precision Instrument and Equipment Repairers, All Other	109	112	Avg	Poor	HS	None	LOJT	M
49-9071	Maintenance and Repair Workers, General	3,630	3,959	-Avg	Excl	HS	None	LOJT	M
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	56	57	-Avg	Poor	HS	None	SOJT	L
49-9094	Locksmiths and Safe Repairers	104	90	-Avg	Poor	HS	None	LOJT	M
49-9098	Helpers—Installation, Maintenance, and Repair Workers	547	605	Low	Good	HS	None	SOJT	L
49-9099	Installation, Maintenance, and Repair Workers, All Other	482	520	-Avg	Good	HS	None	MOJT	M

**51-0000 Production Occupations**

51-1011	First-Line Supervisors of Production and Operating Workers	1,286	1,253	+Avg	Poor	HS	<5	None	M
51-2022	Electrical and Electronic Equipment Assemblers	351	382	Low	Fair	HS	None	MOJT	M
51-2041	Structural Metal Fabricators and Fitters	143	137	-Avg	Poor	HS	None	MOJT	M
51-2099	Assemblers and Fabricators, All Other	523	561	Low	Good	HS	None	MOJT	M
51-3011	Bakers	541	584	Low	Good	NFE	None	LOJT	M
51-3021	Butchers and Meat Cutters	373	393	-Avg	Fair	NFE	None	LOJT	M
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	3,600	3,787	Low	Excl	NFE	None	SOJT	L
51-3023	Slaughterers and Meat Packers	452	479	Low	Fair	NFE	None	SOJT	L
51-3099	Food Processing Workers, All Other	262	281	Low	Fair	NFE	None	MOJT	L
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	156	172	-Avg	Fair	HS	None	MOJT	M
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	232	177	-Avg	Poor	HS	None	MOJT	M
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	276	227	-Avg	Poor	HS	None	MOJT	M
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	116	93	-Avg	Poor	HS	None	MOJT	M
51-4041	Machinists	487	524	Avg	Good	HS	None	LOJT	M
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	108	84	Low	Poor	HS	None	MOJT	M
51-4121	Welders, Cutters, Solderers, and Brazers	511	532	Avg	Fair	HS	None	MOJT	M

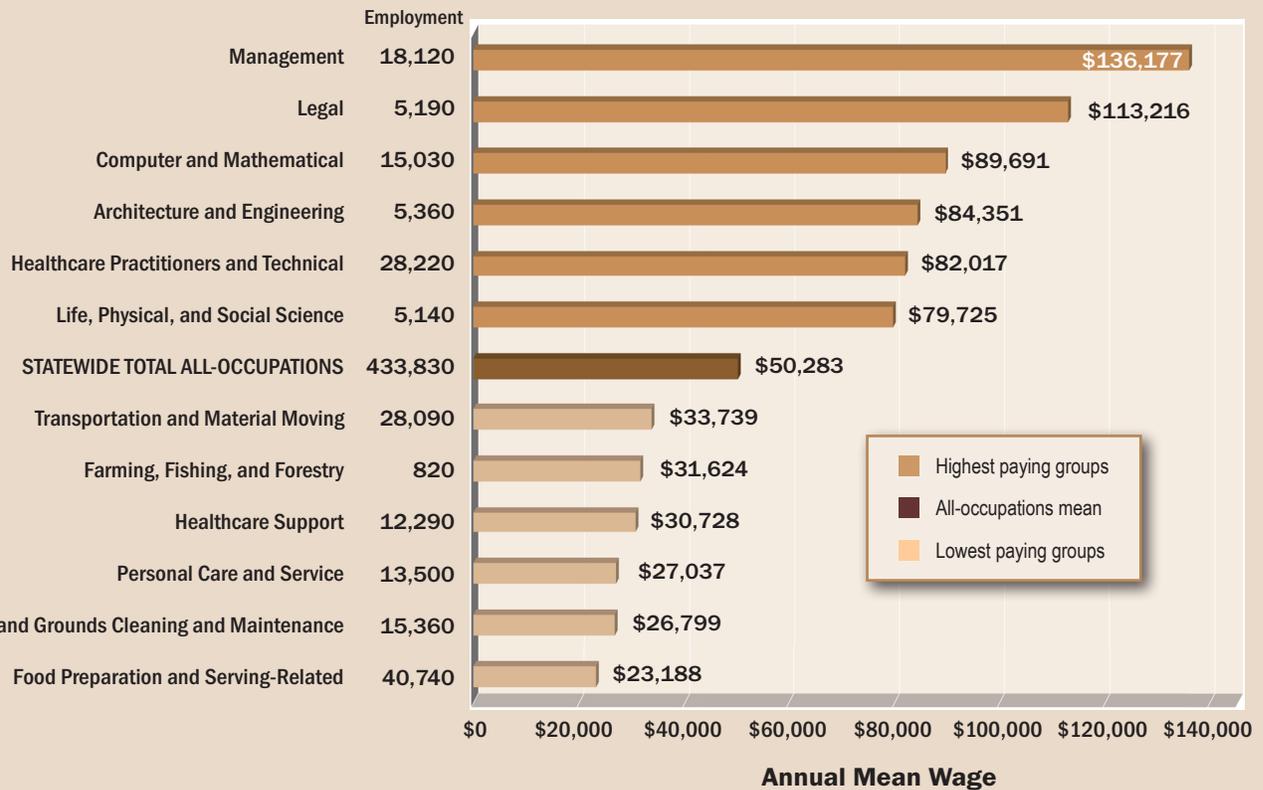
OCCUPATION PROJECTIONS BY OCCUPATIONAL GROUP

SOC Code	Title of Occupation	2014 Est. Empl.	2024 Proj. Empl.	Wage Cat.	Job Avail.	Educ.	Work Exp.	Job Training	Skill
51-5112	Printing Press Operators	384	361	Avg	Poor	HS	None	MOJT	M
51-5113	Print Binding and Finishing Workers	62	58	Low	Poor	HS	None	SOJT	L
51-6011	Laundry and Dry-Cleaning Workers	662	679	Low	Fair	NFE	None	SOJT	L
51-6021	Pressers, Textile, Garment, and Related Materials	171	161	Low	Poor	NFE	None	SOJT	L
51-7011	Cabinetmakers and Bench Carpenters	138	152	-Avg	Fair	HS	None	MOJT	M
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	79	87	Low	Fair	HS	None	SOJT	L
51-8012	Power Distributors and Dispatchers	116	116	High	Poor	HS	None	LOJT	M
51-8021	Stationary Engineers and Boiler Operators	59	61	+Avg	Poor	HS	None	LOJT	M
51-8031	Water and Wastewater Treatment Plant and System Operators	261	288	Avg	Fair	HS	None	LOJT	M
51-8091	Chemical Plant and System Operators	167	146	+Avg	Poor	HS	None	LOJT	M
51-9011	Chemical Equipment Operators and Tenders	874	646	Avg	Poor	HS	None	MOJT	M
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	108	111	-Avg	Poor	HS	None	MOJT	M
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	173	183	-Avg	Fair	HS	None	MOJT	M
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	93	79	-Avg	Poor	HS	None	SOJT	L
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	138	103	Avg	Poor	HS	None	MOJT	M
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	1,033	1,032	-Avg	Poor	HS	None	MOJT	M
51-9111	Packaging and Filling Machine Operators and Tenders	610	592	-Avg	Poor	HS	None	MOJT	M
51-9122	Painters, Transportation Equipment	173	183	Avg	Fair	HS	None	MOJT	M
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	262	279	Low	Fair	NFE	None	MOJT	L
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	68	73	Low	Poor	HS	None	LOJT	M
51-9198	Helpers--Production Workers	402	365	Low	Poor	NFE	None	SOJT	L
51-9199	Production Workers, All Other	126	123	NA	Poor	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	703	743	+Avg	Good	HS	<5	None	M
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	78	96	Low	Fair	HS	None	MOJT	M
53-3021	Bus Drivers, Transit and Intercity	384	410	-Avg	Fair	HS	None	MOJT	M
53-3022	Bus Drivers, School or Special Client	2,033	2,238	-Avg	Excl	HS	None	SOJT	M
53-3031	Driver/Sales Workers	1,621	1,741	Low	Excl	HS	None	SOJT	L
53-3032	Heavy and Tractor-Trailer Truck Drivers	4,133	4,498	Avg	Excl	VocEd	None	SOJT	M
53-3033	Light Truck or Delivery Services Drivers	2,791	3,012	Low	Excl	HS	None	SOJT	L
53-3041	Taxi Drivers and Chauffeurs	543	638	Low	Excl	NFE	None	SOJT	L

OCCUPATION PROJECTIONS BY OCCUPATIONAL GROUP

SOC Code	Title of Occupation	2014 Est. Empl.	2024 Proj. Empl.	Wage Cat.	Job Avail.	Educ.	Work Exp.	Job Training	Skill
53-3099	Motor Vehicle Operators, All Other	556	586	Low	Fair	NFE	None	SOJT	L
53-6021	Parking Lot Attendants	496	540	Low	Good	NFE	None	SOJT	L
53-6031	Automotive and Watercraft Service Attendants	282	313	Low	Fair	NFE	None	SOJT	L
53-6051	Transportation Inspectors	270	292	-Avg	Fair	HS	None	MOJT	M
53-7021	Crane and Tower Operators	99	102	Avg	Poor	HS	<5	MOJT	M
53-7032	Excavating and Loading Machine and Dragline Operators	144	160	Avg	Fair	HS	<5	MOJT	M
53-7051	Industrial Truck and Tractor Operators	1,230	1,330	-Avg	Excl	NFE	None	SOJT	M
53-7061	Cleaners of Vehicles and Equipment	843	914	Low	Good	NFE	None	SOJT	L
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	7,515	8,265	Low	Excl	NFE	None	SOJT	L
53-7063	Machine Feeders and Offbearers	305	367	-Avg	Good	NFE	None	SOJT	L
53-7064	Packers and Packagers, Hand	1,492	1,492	Low	Poor	NFE	None	SOJT	L
53-7081	Refuse and Recyclable Material Collectors	459	498	-Avg	Good	NFE	None	SOJT	L

### Annual Mean Wages and Employment for the Highest and Lowest Paying Occupational Groups, 2015



# 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.

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 2014 to 2024, 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 2014 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 24,330 projected.

This cluster has a great deal of turnover, and most of those jobs are replacements. The *Health Science* cluster has the most new jobs projected, with 6,930. The clusters where the fewest new jobs are projected are *Arts, Audio/Video Technology & Communications*, with 200; *Agriculture, Food & Natural Resources*, with 270; *Government & Public Administration*, with 400; and *Science, Technology, Engineering & Mathematics (STEM)*, with 490. This last may be surprising, but it is due to *Information Technology*, which is usually considered part of *STEM*, having its own cluster.

*Science, Technology, Engineering & Mathematics (STEM)* is again the highest-paying cluster; its occupations paid an average wage of \$98,838 in 2014, a 9.6 percent increase from just two years prior. *Hospitality & Tourism* had the lowest average wage; this cluster's occupations paid an average \$23,609 in 2014, just 0.9 percent above its average two years ago. The cluster with the next-lowest average pay is *Transportation, Distribution & Logistics*, at \$34,622.

## Wages, Projected Openings, and Growth by Career Cluster, 2014–2024

Career Cluster	Average Wage 2014	Rank	Total Openings	Rank	Percent Total Openings	New Jobs	Ann. Pct. Growth
Agriculture, Food & Natural Resources	\$45,064	11th	2,520	13th	1.8%	270	0.05%
Architecture & Construction	\$47,920	10th	8,550	7th	6.2%	3,610	1.20%
Arts, Audio/Video Technology & Communications	\$53,489	8th	840	16th	0.6%	200	0.47%
Business Management & Administration	\$54,174	7th	14,150	4th	10.3%	3,850	0.36%
Education & Training	\$52,476	9th	10,060	5th	7.3%	3,240	1.01%
Finance	\$73,965	3rd	6,260	9th	4.6%	2,550	0.89%
Government & Public Administration	\$59,983	6th	1,250	15th	0.9%	400	0.83%
Health Science	\$62,313	5th	16,540	3rd	12.1%	6,930	1.45%
Hospitality & Tourism	\$23,609	16th	24,330	1st	17.7%	5,280	0.85%
Human Services	\$37,028	14th	6,010	10th	4.4%	2,290	1.24%
Information Technology	\$87,003	2nd	3,850	12th	2.8%	1,900	1.24%
Law, Public Safety, Corrections & Security	\$63,122	4th	4,550	11th	3.3%	1,050	0.50%
Manufacturing	\$43,364	12th	7,100	8th	5.2%	1,280	0.28%
Marketing, Sales & Service	\$42,907	13th	18,810	2nd	13.7%	3,470	0.63%
Science, Technology, Engineering & Mathematics	\$98,838	1st	2,470	14th	1.8%	490	0.60%
Transportation, Distribution & Logistics	\$34,622	15th	9,930	6th	7.2%	2,540	0.79%

**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	2014 Average Annual Wage
<b><i>Agriculture, Food, and Natural Resources</i></b>					
19-4011	Agricultural and Food Science Technicians	0.5%	0	2	\$37,211
45-2091	Agricultural Equipment Operators	0.5%	1	7	\$30,139
19-4021	Biological Technicians	0.0%	0	3	\$40,685
17-2081	Environmental Engineers	0.8%	1	5	\$80,829
19-4091	Environmental Science and Protection Technicians, Including Health	1.0%	3	12	\$35,693
49-3041	Farm Equipment Mechanics and Service Technicians	0.7%	1	4	\$37,315
11-9013	Farmers, Ranchers, and Other Agricultural Managers	0.0%	0	53	NA
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	-0.7%	0	42	\$30,181
45-2093	Farmworkers, Farm, Ranch, and Aquacultural Animals	-0.5%	0	30	\$24,731
45-1011	First-Line Supervisors of Farming, Fishing, and Forestry Workers	-1.1%	0	5	\$54,101
45-4011	Forest and Conservation Workers	0.6%	1	4	\$29,010
11-9121	Natural Sciences Managers	-0.5%	0	12	\$183,830
39-2021	Nonfarm Animal Caretakers	1.0%	11	21	\$21,819
37-2021	Pest Control Workers	0.0%	0	5	\$36,733
53-7081	Refuse and Recyclable Material Collectors	0.8%	4	12	\$38,210
19-1013	Soil and Plant Scientists	0.6%	0	3	\$58,531
51-8031	Water and Wastewater Treatment Plant and System Operators	1.0%	3	7	\$42,578
<b><i>Architecture and Construction</i></b>					
17-1011	Architects, Except Landscape and Naval	0.3%	1	3	\$89,690
17-3011	Architectural and Civil Drafters	-0.7%	0	4	\$55,390
47-2021	Brickmasons and Blockmasons	2.3%	8	3	\$49,878
47-2031	Carpenters	1.6%	48	31	\$45,053
47-2051	Cement Masons and Concrete Finishers	1.3%	6	5	\$43,264
17-3022	Civil Engineering Technicians	0.4%	2	11	\$43,971
17-2051	Civil Engineers	0.7%	6	27	\$86,715
47-4099	Construction and Related Workers, All Other	0.5%	1	3	\$40,581
47-2061	Construction Laborers	1.5%	45	58	\$33,176
11-9021	Construction Managers	1.1%	7	9	\$110,531
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	0.1%	0	5	\$64,854
13-1051	Cost Estimators	1.3%	16	34	\$68,349
53-7021	Crane and Tower Operators	0.3%	0	3	\$43,035
47-2081	Drywall and Ceiling Tile Installers	1.0%	4	2	\$42,390
49-9051	Electrical Power-Line Installers and Repairers	0.9%	4	17	\$69,680
17-1011	Architects, Except Landscape and Naval	0.3%	1	3	\$89,690
17-3011	Architectural and Civil Drafters	-0.7%	0	4	\$55,390

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	2014 Average Annual Wage
47-2021	Brickmasons and Blockmasons	2.3%	8	3	\$49,878
47-2031	Carpenters	1.6%	48	31	\$45,053
47-2051	Cement Masons and Concrete Finishers	1.3%	6	5	\$43,264
17-3022	Civil Engineering Technicians	0.4%	2	11	\$43,971
17-2051	Civil Engineers	0.7%	6	27	\$86,715
47-4099	Construction and Related Workers, All Other	0.5%	1	3	\$40,581
47-2061	Construction Laborers	1.5%	45	58	\$33,176
11-9021	Construction Managers	1.1%	7	9	\$110,531
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	0.1%	0	5	\$64,854
13-1051	Cost Estimators	1.3%	16	34	\$68,349
53-7021	Crane and Tower Operators	0.3%	0	3	\$43,035
47-2081	Drywall and Ceiling Tile Installers	1.0%	4	2	\$42,390
49-9051	Electrical Power-Line Installers and Repairers	0.9%	4	17	\$69,680
47-2073	Operating Engineers and Other Construction Equipment Operators	0.9%	11	20	\$40,394
47-2141	Painters, Construction and Maintenance	1.3%	10	11	\$37,918
47-2142	Paperhangers	0.1%	0	2	\$39,042
47-2071	Paving, Surfacing, and Tamping Equipment Operators	0.5%	2	7	\$46,696
47-2151	Pipelayers	0.6%	1	1	\$39,666
47-2152	Plumbers, Pipefitters, and Steamfitters	1.5%	17	13	\$56,306
47-2181	Roofers	1.6%	4	3	\$36,629
47-2211	Sheet Metal Workers	0.3%	2	11	\$50,856
51-8021	Stationary Engineers and Boiler Operators	0.3%	0	2	\$57,803
47-2221	Structural Iron and Steel Workers	0.4%	1	3	\$47,195
51-2041	Structural Metal Fabricators and Fitters	-0.4%	0	2	\$40,248
17-3031	Surveying and Mapping Technicians	-1.1%	0	2	\$39,749
17-1022	Surveyors	-0.7%	0	2	\$66,031
<b>Arts, Audio/Visual, and Communications</b>					
27-1011	Art Directors	0.7%	1	2	\$75,733
27-4011	Audio and Video Equipment Technicians	1.0%	1	1	\$45,053
27-4012	Broadcast Technicians	0.7%	0	1	NA
27-3041	Editors	-0.5%	0	7	\$60,403
27-1023	Floral Designers	0.1%	0	4	\$27,955
27-1024	Graphic Designers	0.0%	0	13	\$50,752
27-1014	Multimedia Artists and Animators	0.9%	1	1	NA
27-4021	Photographers	0.4%	1	4	\$45,074
51-5113	Print Binding and Finishing Workers	-0.7%	0	1	\$29,390
51-5112	Printing Press Operators	-0.6%	0	6	\$41,538
27-2012	Producers and Directors	1.5%	2	4	\$68,370
27-3042	Technical Writers	0.8%	1	3	\$69,077

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	2014 Average Annual Wage
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	1.3%	9	6	NA
49-9052	Telecommunications Line Installers and Repairers	0.2%	1	8	\$63,918
27-3043	Writers and Authors	1.4%	3	3	\$61,797
<b><i>Business, Management, and Administration</i></b>					
11-3011	Administrative Services Managers	0.9%	6	13	\$104,021
43-3031	Bookkeeping, Accounting, and Auditing Clerks	-0.7%	0	66	\$41,163
13-1199	Business Operations Specialists, All Other	1.0%	16	19	\$69,722
11-1011	Chief Executives	-0.2%	0	9	NA
11-3111	Compensation and Benefits Managers	0.6%	0	2	\$130,770
13-1141	Compensation, Benefits, and Job Analysis Specialists	0.6%	1	4	\$73,694
11-3021	Computer and Information Systems Managers	1.2%	14	13	\$153,546
43-9011	Computer Operators	-1.7%	0	2	\$45,178
43-4051	Customer Service Representatives	1.1%	75	163	\$35,922
43-9021	Data Entry Keyers	-0.3%	0	13	\$27,560
43-6011	Executive Secretaries and Executive Administrative Assistants	-0.5%	0	13	\$57,450
43-4071	File Clerks	-0.9%	0	12	\$29,390
43-1011	First-Line Supervisors of Office and Administrative Support Workers	0.9%	47	76	\$56,576
13-1131	Fundraisers	1.2%	5	6	\$58,864
11-1021	General and Operations Managers	0.7%	32	117	\$142,106
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	-0.2%	0	5	\$35,776
11-3121	Human Resources Managers	0.6%	2	10	\$136,261
13-1071	Human Resources Specialists	0.5%	8	40	\$64,397
11-3051	Industrial Production Managers	-0.8%	0	9	\$127,192
43-4199	Information and Record Clerks, All Other	0.6%	2	7	\$40,643
43-4111	Interviewers, Except Eligibility and Loan	0.7%	5	16	\$35,214
13-1075	Labor Relations Specialists	-0.3%	0	28	\$60,008
43-4121	Library Assistants, Clerical	0.7%	3	14	\$21,902
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	-2.4%	0	10	\$26,832
13-1111	Management Analysts	1.1%	26	31	\$84,531
11-9199	Managers, All Other	0.7%	16	47	\$143,125
13-1121	Meeting, Convention, and Event Planners	1.2%	4	4	\$46,093
43-5041	Meter Readers, Utilities	-1.6%	0	2	\$48,922
43-4141	New Accounts Clerks	-0.1%	0	7	\$39,499
43-9199	Office and Administrative Support Workers, All Other	1.0%	6	15	\$38,002
43-9061	Office Clerks, General	0.3%	20	150	\$27,955
43-9071	Office Machine Operators, Except Computer	-1.0%	0	12	\$29,765
15-2031	Operations Research Analysts	3.2%	21	10	\$82,472
43-4151	Order Clerks	-0.6%	0	12	\$34,008
43-3051	Payroll and Timekeeping Clerks	-0.3%	0	12	\$43,326

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	2014 Average Annual Wage
43-5051	Postal Service Clerks	-0.4%	0	3	\$50,690
43-5052	Postal Service Mail Carriers	-0.4%	0	19	\$51,958
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	-1.4%	0	5	\$50,357
43-3061	Procurement Clerks	-0.9%	0	8	\$40,622
11-3061	Purchasing Managers	-0.7%	0	2	\$127,442
43-4171	Receptionists and Information Clerks	0.3%	9	72	\$25,376
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	0.2%	19	79	\$37,045
43-5071	Shipping, Receiving, and Traffic Clerks	0.2%	4	43	\$31,990
43-5081	Stock Clerks and Order Fillers	0.6%	34	190	\$24,253
43-2011	Switchboard Operators, Including Answering Service	-3.7%	0	3	\$27,435
11-3131	Training and Development Managers	-0.2%	0	2	\$128,523
13-1151	Training and Development Specialists	0.8%	7	22	\$68,994
43-9022	Word Processors and Typists	-1.6%	0	0	\$43,451
<b>Education and Training</b>					
25-3011	Adult Basic and Secondary Education and Literacy Teachers and Instructors	0.9%	4	7	\$60,798
25-1041	Agricultural Sciences Teachers, Postsecondary	0.8%	0	1	\$90,256
25-4011	Archivists	0.3%	0	1	\$44,588
25-1121	Art, Drama, and Music Teachers, Postsecondary	1.2%	4	6	\$61,602
25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	1.1%	1	1	\$88,288
25-9011	Audio-Visual and Multimedia Collections Specialists	0.9%	1	1	\$40,914
25-1042	Biological Science Teachers, Postsecondary	1.6%	1	1	\$88,802
25-1011	Business Teachers, Postsecondary	1.0%	4	7	\$83,179
25-2032	Career/Technical Education Teachers, Secondary School	0.2%	0	4	\$68,915
25-1052	Chemistry Teachers, Postsecondary	1.6%	1	1	\$75,614
27-2022	Coaches and Scouts	0.8%	7	26	\$33,117
25-1021	Computer Science Teachers, Postsecondary	1.0%	1	2	\$81,099
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	2.1%	1	1	\$70,829
25-1063	Economics Teachers, Postsecondary	1.1%	1	1	\$99,138
11-9039	Education Administrators, All Other	0.9%	1	2	\$113,090
11-9032	Education Administrators, Elementary and Secondary School	0.7%	6	22	\$109,447
11-9033	Education Administrators, Postsecondary	1.0%	4	10	\$142,189
11-9031	Education Administrators, Preschool and Childcare Center/Program	1.4%	3	7	\$49,067
25-1081	Education Teachers, Postsecondary	1.1%	2	4	\$69,572
25-9099	Education, Training, and Library Workers, All Other	0.8%	1	2	\$34,486
21-1012	Educational, Guidance, School, and Vocational Counselors	1.0%	11	21	\$60,362
25-2021	Elementary School Teachers, Except Special Education	0.8%	39	98	\$58,675

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	2014 Average Annual Wage
25-1032	Engineering Teachers, Postsecondary	1.4%	3	4	\$71,342
25-1123	English Language and Literature Teachers, Postsecondary	1.2%	3	5	\$64,569
25-9021	Farm and Home Management Advisors	0.3%	0	2	\$50,918
25-1124	Foreign Language and Literature Teachers, Postsecondary	1.2%	1	2	\$68,342
25-1071	Health Specialties Teachers, Postsecondary	1.9%	5	4	\$86,942
25-1125	History Teachers, Postsecondary	1.1%	1	1	\$73,973
25-9031	Instructional Coordinators	0.9%	8	7	\$67,018
25-2012	Kindergarten Teachers, Except Special Education	0.8%	4	14	\$58,512
25-4021	Librarians	0.3%	2	9	\$66,394
25-4031	Library Technicians	0.6%	1	10	\$38,792
25-1022	Mathematical Science Teachers, Postsecondary	1.7%	3	3	\$72,463
25-2022	Middle School Teachers, Except Special and Career/Technical Education	0.8%	18	45	\$58,191
25-4013	Museum Technicians and Conservators	0.4%	0	3	\$41,558
25-1072	Nursing Instructors and Teachers, Postsecondary	2.0%	6	5	\$75,970
25-1065	Political Science Teachers, Postsecondary	1.1%	1	1	\$80,088
25-1199	Postsecondary Teachers, All Other	1.0%	1	2	\$52,871
25-2011	Preschool Teachers, Except Special Education	1.4%	32	63	\$24,482
25-1066	Psychology Teachers, Postsecondary	1.6%	1	1	\$77,256
25-2031	Secondary School Teachers, Except Special and Career/Technical Education	0.8%	28	78	\$58,925
25-3021	Self-Enrichment Education Teachers	1.7%	9	10	\$50,794
25-1113	Social Work Teachers, Postsecondary	1.5%	2	2	\$72,788
25-1067	Sociology Teachers, Postsecondary	1.6%	1	1	\$70,129
25-2059	Special Education Teachers, All Other	1.1%	2	3	\$70,365
25-2052	Special Education Teachers, Kindergarten and Elementary School	0.7%	9	22	\$63,023
25-2054	Special Education Teachers, Secondary School	0.7%	2	5	\$62,592
25-3098	Substitute Teachers	1.3%	46	64	\$27,040
25-9041	Teacher Assistants	1.0%	34	76	\$26,386
25-3097	Teachers and Instructors, All Other, Except Substitute Teachers	0.9%	5	10	\$37,327
25-1194	Vocational Education Teachers, Postsecondary	0.9%	2	4	\$55,952
<b>Finance</b>					
13-2011	Accountants and Auditors	1.0%	51	136	\$74,277
43-3011	Bill and Account Collectors	-0.6%	0	27	NA
43-4011	Brokerage Clerks	1.0%	3	7	\$50,398
13-2031	Budget Analysts	0.7%	1	4	\$70,699
13-1031	Claims Adjusters, Examiners, and Investigators	0.6%	5	19	\$65,478
13-2041	Credit Analysts	1.3%	16	50	\$66,498
43-4041	Credit Authorizers, Checkers, and Clerks	0.0%	1	16	\$37,898
13-2051	Financial Analysts	1.3%	40	59	\$84,074

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	2014 Average Annual Wage
43-3099	Financial Clerks, All Other	1.3%	3	5	\$48,443
11-3031	Financial Managers	0.8%	20	55	\$156,645
13-2099	Financial Specialists, All Other	1.3%	9	7	\$69,555
43-9041	Insurance Claims and Policy Processing Clerks	0.8%	6	20	\$42,702
41-3021	Insurance Sales Agents	1.0%	13	31	\$65,250
13-2053	Insurance Underwriters	-1.1%	0	8	\$63,107
43-4131	Loan Interviewers and Clerks	1.5%	16	15	\$35,110
13-2072	Loan Officers	1.4%	16	18	\$65,749
13-2052	Personal Financial Advisors	2.6%	33	28	\$98,238
41-3031	Securities, Commodities, and Financial Services Sales Agents	1.2%	23	31	\$96,782
13-2082	Tax Preparers	-0.1%	0	4	NA
43-3071	Tellers	-0.1%	0	87	\$27,373
<b>Government and Public Administration</b>					
45-2011	Agricultural Inspectors	0.3%	0	4	\$44,221
13-2021	Appraisers and Assessors of Real Estate	1.1%	2	3	\$47,757
13-1041	Compliance Officers	0.5%	5	15	\$78,728
47-4011	Construction and Building Inspectors	0.8%	5	16	\$59,467
43-4031	Court, Municipal, and License Clerks	0.6%	5	5	\$33,966
43-4061	Eligibility Interviewers, Government Programs	1.0%	2	2	\$36,338
13-2061	Financial Examiners	2.2%	14	14	\$76,627
11-1031	Legislators	0.3%	0	3	NA
29-9011	Occupational Health and Safety Specialists	0.6%	2	7	\$71,198
13-2081	Tax Examiners and Collectors, and Revenue Agents	0.1%	0	4	\$62,754
53-6051	Transportation Inspectors	0.8%	2	7	\$38,979
19-3051	Urban and Regional Planners	0.7%	2	4	\$67,288
<b>Health Sciences</b>					
29-9091	Athletic Trainers	2.0%	2	2	\$43,621
29-2031	Cardiovascular Technologists and Technicians	2.2%	9	7	\$55,786
29-1011	Chiropractors	0.5%	1	2	\$101,754
31-9091	Dental Assistants	0.6%	5	18	\$37,752
29-2021	Dental Hygienists	0.6%	4	12	\$70,658
29-1021	Dentists, General	0.6%	2	7	\$224,827
29-2032	Diagnostic Medical Sonographers	2.2%	4	3	\$69,888
29-2051	Dietetic Technicians	1.3%	2	1	\$30,389
29-1031	Dietitians and Nutritionists	1.5%	3	1	\$60,091
29-1062	Family and General Practitioners	0.2%	1	16	\$156,978
29-2099	Health Technologists and Technicians, All Other	2.5%	8	3	\$42,078
31-1011	Home Health Aides	2.7%	84	63	\$26,333
29-1063	Internists, General	0.3%	0	3	\$181,147

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	2014 Average Annual Wage
29-2061	Licensed Practical and Licensed Vocational Nurses	1.0%	21	58	\$47,694
29-2035	Magnetic Resonance Imaging Technologists	0.9%	2	5	\$70,845
29-2012	Medical and Clinical Laboratory Technicians	1.3%	3	4	\$44,304
29-2011	Medical and Clinical Laboratory Technologists	1.2%	6	11	\$63,482
11-9111	Medical and Health Services Managers	1.3%	10	19	\$112,091
31-9092	Medical Assistants	1.3%	26	40	\$32,011
31-9093	Medical Equipment Preparers	1.4%	2	4	\$35,485
29-2071	Medical Records and Health Information Technicians	1.2%	6	10	\$37,502
43-6013	Medical Secretaries	1.2%	57	46	\$33,592
31-9094	Medical Transcriptionists	-0.6%	0	3	\$32,760
29-2033	Nuclear Medicine Technologists	0.3%	0	2	\$74,859
29-1151	Nurse Anesthetists	1.2%	5	9	\$180,565
29-1171	Nurse Practitioners	2.5%	15	12	\$97,302
31-1014	Nursing Assistants	1.3%	75	127	\$27,934
29-1064	Obstetricians and Gynecologists	0.9%	1	4	\$236,600
29-1122	Occupational Therapists	2.1%	5	4	\$79,040
31-2011	Occupational Therapy Assistants	2.9%	3	2	\$54,995
29-2057	Ophthalmic Medical Technicians	1.2%	3	3	\$37,170
29-2081	Opticians, Dispensing	1.9%	8	10	\$37,586
29-1041	Optometrists	1.7%	3	5	\$101,525
31-1015	Orderlies	1.1%	4	7	\$27,102
29-1065	Pediatricians, General	0.3%	0	2	\$158,850
29-1051	Pharmacists	0.6%	5	19	\$113,922
29-2052	Pharmacy Technicians	1.3%	14	10	\$30,347
31-9097	Phlebotomists	1.8%	9	10	\$36,587
31-2022	Physical Therapist Aides	2.7%	13	12	\$23,733
31-2021	Physical Therapist Assistants	2.8%	7	6	\$56,555
29-1123	Physical Therapists	2.7%	20	18	\$81,203
29-1071	Physician Assistants	2.2%	10	10	\$105,206
29-1069	Physicians and Surgeons, All Other	1.2%	19	40	\$204,880
31-1013	Psychiatric Aides	1.4%	2	3	\$30,534
29-1066	Psychiatrists	1.2%	2	3	\$160,514
29-1124	Radiation Therapists	1.3%	1	2	\$88,026
29-2034	Radiologic Technologists	0.8%	5	12	\$58,885
29-1125	Recreational Therapists	1.1%	1	2	\$38,875
29-1141	Registered Nurses	1.6%	174	247	\$70,158
29-1126	Respiratory Therapists	1.5%	6	9	\$64,854
29-1127	Speech-Language Pathologists	2.2%	11	11	\$75,629
29-1067	Surgeons	1.0%	2	6	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	2014 Average Annual Wage
29-2055	Surgical Technologists	1.3%	5	3	\$43,722
29-1131	Veterinarians	0.5%	2	4	\$128,731
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	0.0%	0	4	\$26,790
29-2056	Veterinary Technologists and Technicians	1.3%	5	4	\$33,322
<b><i>Hospitality and Tourism</i></b>					
39-3091	Amusement and Recreation Attendants	0.9%	9	41	\$20,342
39-2011	Animal Trainers	0.6%	1	4	\$39,520
51-3011	Bakers	0.8%	4	12	\$26,624
35-3011	Bartenders	1.2%	22	66	\$20,738
37-2019	Building Cleaning Workers, All Other	1.1%	1	2	\$48,214
35-1011	Chefs and Head Cooks	1.0%	3	4	\$53,414
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	1.2%	153	378	\$18,387
35-2011	Cooks, Fast Food	-1.4%	0	15	\$17,909
35-2012	Cooks, Institution and Cafeteria	0.2%	5	72	\$29,474
35-2014	Cooks, Restaurant	1.5%	67	106	\$24,149
35-2015	Cooks, Short Order	-0.4%	0	10	\$22,984
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	0.7%	7	53	\$19,698
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	0.8%	6	39	\$17,659
35-9021	Dishwashers	-0.3%	0	80	\$19,323
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	1.1%	34	90	\$37,336
37-1011	First-Line Supervisors of Housekeeping and Janitorial Workers	0.8%	7	13	\$41,392
35-9099	Food Preparation and Serving Related Workers, All Other	1.2%	1	5	\$24,794
35-2021	Food Preparation Workers	0.9%	20	60	\$20,717
35-3041	Food Servers, Nonrestaurant	1.0%	10	23	\$21,070
11-9051	Food Service Managers	0.6%	3	10	\$63,336
39-3012	Gaming and Sports Book Writers and Runners	0.7%	1	2	NA
43-3041	Gaming Cage Workers	1.1%	2	3	\$25,376
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	0.6%	11	123	\$18,325
43-4081	Hotel, Motel, and Resort Desk Clerks	1.3%	9	34	\$23,296
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	0.7%	63	162	\$25,522
11-9081	Lodging Managers	1.4%	1	2	\$79,414
37-2012	Maids and Housekeeping Cleaners	1.1%	37	77	\$21,403
39-9032	Recreation Workers	1.2%	13	18	\$25,854
39-7011	Tour Guides and Escorts	0.0%	0	9	\$23,691
41-3041	Travel Agents	-1.3%	0	3	\$41,974
27-2023	Umpires, Referees, and Other Sports Officials	0.6%	1	7	\$31,775
39-3031	Ushers, Lobby Attendants, and Ticket Takers	0.0%	0	13	\$19,926
35-3031	Waiters and Waitresses	0.5%	37	369	\$21,029

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	2014 Average Annual Wage
<b>Human Services</b>					
21-1021	Child, Family, and School Social Workers	0.9%	12	30	\$39,478
39-9011	Childcare Workers	1.3%	30	65	\$21,133
19-3031	Clinical, Counseling, and School Psychologists	1.7%	7	8	\$81,016
21-1099	Community and Social Service Specialists, All Other	1.2%	10	15	\$36,650
21-1094	Community Health Workers	1.4%	4	5	\$34,424
13-2071	Credit Counselors	1.8%	3	2	\$39,894
39-1021	First-Line Supervisors of Personal Service Workers	1.1%	11	18	\$43,784
39-9031	Fitness Trainers and Aerobics Instructors	1.1%	15	25	\$32,739
39-4021	Funeral Attendants	-0.2%	0	3	\$30,826
11-9061	Funeral Service Managers	0.6%	0	2	\$103,272
39-5012	Hairdressers, Hairstylists, and Cosmetologists	1.0%	28	70	\$35,630
21-1091	Health Educators	1.3%	3	4	\$62,816
21-1022	Healthcare Social Workers	1.4%	8	12	\$48,818
51-6011	Laundry and Dry-Cleaning Workers	0.3%	2	10	\$22,963
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	0.3%	0	3	\$18,720
21-1013	Marriage and Family Therapists	0.8%	2	5	\$50,835
31-9011	Massage Therapists	2.1%	5	2	\$53,789
21-1023	Mental Health and Substance Abuse Social Workers	1.4%	6	9	\$50,128
21-1014	Mental Health Counselors	1.7%	11	13	\$40,456
39-9021	Personal Care Aides	2.6%	40	11	\$26,104
51-6021	Pressers, Textile, Garment, and Related Materials	-0.6%	0	4	\$18,678
21-1015	Rehabilitation Counselors	1.2%	8	14	\$35,838
39-5093	Shampooers	1.1%	4	2	\$17,410
11-9151	Social and Community Service Managers	1.1%	11	24	\$65,437
21-1093	Social and Human Service Assistants	1.0%	5	10	\$30,285
21-1029	Social Workers, All Other	0.4%	0	2	\$62,483
21-1011	Substance Abuse and Behavioral Disorder Counselors	1.8%	4	4	\$41,974
<b>Information Technology</b>					
15-1143	Computer Network Architects	1.0%	6	8	\$107,682
15-1152	Computer Network Support Specialists	0.9%	5	6	\$62,608
15-1199	Computer Occupations, All Other	0.8%	2	2	\$77,126
15-1131	Computer Programmers	-1.3%	0	31	\$86,549
15-1121	Computer Systems Analysts	2.0%	72	42	\$89,419
15-1151	Computer User Support Specialists	1.2%	16	17	\$54,246
15-1141	Database Administrators	1.1%	5	10	\$88,213
15-1122	Information Security Analysts	1.4%	4	3	\$99,195
15-1142	Network and Computer Systems Administrators	0.7%	8	14	\$71,947
15-1132	Software Developers, Applications	1.6%	46	37	\$97,531

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	2014 Average Annual Wage
15-1133	Software Developers, Systems Software	1.0%	13	18	\$107,224
15-1134	Web Developers	2.5%	13	6	\$81,432
<b>Law, Public Safety, Corrections, and Security</b>					
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	0.3%	0	1	\$63,835
33-9011	Animal Control Workers	1.3%	2	2	\$32,115
23-1022	Arbitrators, Mediators, and Conciliators	0.8%	0	0	\$39,765
33-3011	Bailiffs	0.7%	0	2	\$30,843
33-3012	Correctional Officers and Jailers	0.6%	11	46	\$35,921
33-9091	Crossing Guards	0.8%	3	6	\$33,446
33-3021	Detectives and Criminal Investigators	0.7%	1	2	\$100,547
29-2041	Emergency Medical Technicians and Paramedics	1.2%	16	22	\$36,962
33-1011	First-Line Supervisors of Correctional Officers	0.6%	1	6	\$47,111
33-1012	First-Line Supervisors of Police and Detectives	0.6%	2	11	\$95,222
33-1099	First-Line Supervisors of Protective Service Workers, All Other	0.8%	3	9	\$43,784
33-3031	Fish and Game Wardens	0.6%	0	2	\$47,784
33-9031	Gaming Surveillance Officers and Gaming Investigators	0.1%	0	1	\$31,054
23-1023	Judges, Magistrate Judges, and Magistrates	0.3%	0	2	\$138,445
23-1012	Judicial Law Clerks	-0.4%	0	2	\$47,571
23-1011	Lawyers	0.3%	12	52	\$145,933
43-6012	Legal Secretaries	-0.8%	0	14	\$50,357
23-2099	Legal Support Workers, All Other	0.1%	0	8	\$75,005
33-9092	Lifeguards and Other Recreational Protective Service Workers	0.9%	5	7	\$22,256
23-2011	Paralegals and Legal Assistants	0.4%	6	29	\$55,682
33-3051	Police and Sheriff's Patrol Officers	0.7%	12	58	\$64,106
43-5031	Police, Fire, and Ambulance Dispatchers	-0.4%	0	6	\$40,997
21-1092	Probation Officers and Correctional Treatment Specialists	0.6%	3	8	\$42,638
33-9099	Protective Service Workers, All Other	0.9%	3	4	\$29,494
33-9032	Security Guards	0.7%	25	51	\$24,794
<b>Manufacturing</b>					
51-2099	Assemblers and Fabricators, All Other	0.7%	4	11	\$26,645
51-3021	Butchers and Meat Cutters	0.5%	2	7	\$37,232
51-7011	Cabinetmakers and Bench Carpenters	1.0%	1	1	\$41,038
51-9011	Chemical Equipment Operators and Tenders	-3.0%	0	28	\$52,166
51-8091	Chemical Plant and System Operators	-1.3%	0	6	\$65,478
19-4031	Chemical Technicians	0.1%	1	28	\$62,275
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	0.6%	2	7	\$23,005
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	0.2%	0	1	\$36,296
49-2011	Computer, Automated Teller, and Office Machine Repairers	0.8%	4	10	\$37,918

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	2014 Average Annual Wage
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	1.0%	2	5	\$39,562
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	-1.6%	0	2	\$36,046
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	-1.9%	0	4	\$34,341
51-2022	Electrical and Electronic Equipment Assemblers	0.8%	3	4	\$30,680
17-3012	Electrical and Electronics Drafters	0.5%	0	1	\$59,800
17-3023	Electrical and Electronics Engineering Technicians	0.5%	1	4	\$55,411
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	-0.2%	0	5	\$62,816
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	0.1%	0	4	\$71,240
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	-2.7%	0	6	\$37,752
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	-2.9%	0	5	\$41,766
49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	0.7%	10	29	\$69,493
51-1011	First-Line Supervisors of Production and Operating Workers	-0.3%	0	20	\$62,379
51-3099	Food Processing Workers, All Other	0.7%	2	5	\$25,438
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	-2.2%	0	5	\$31,470
51-9198	Helpers--Production Workers	-1.0%	0	13	\$26,000
49-9031	Home Appliance Repairers	0.4%	0	4	\$34,965
17-3026	Industrial Engineering Technicians	0.3%	0	3	\$61,443
49-9041	Industrial Machinery Mechanics	1.4%	14	23	\$51,230
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	0.0%	0	26	\$38,355
49-9099	Installation, Maintenance, and Repair Workers, All Other	0.8%	4	7	\$40,206
49-9094	Locksmiths and Safe Repairers	-1.4%	0	5	\$36,504
53-7063	Machine Feeders and Offbearers	1.9%	6	7	\$41,018
51-4041	Machinists	0.7%	4	14	\$52,437
49-9071	Maintenance and Repair Workers, General	0.9%	33	95	\$40,810
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	0.5%	19	71	\$23,546
17-3013	Mechanical Drafters	-0.3%	0	2	\$62,109
49-9062	Medical Equipment Repairers	0.9%	1	2	\$58,552
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	0.6%	1	4	\$38,563
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	0.7%	0	2	\$29,848
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	-2.5%	0	2	\$28,392
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	0.6%	1	4	\$35,485
51-9111	Packaging and Filling Machine Operators and Tenders	-0.3%	0	22	\$36,234
51-9122	Painters, Transportation Equipment	0.6%	1	3	\$43,035
51-8012	Power Distributors and Dispatchers	0.0%	0	4	\$79,747

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	2014 Average Annual Wage
49-9069	Precision Instrument and Equipment Repairers, All Other	0.3%	0	2	\$54,829
51-9199	Production Workers, All Other	-0.2%	0	3	NA
43-5061	Production, Planning, and Expediting Clerks	-0.1%	0	10	\$52,187
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	0.0%	0	19	\$66,539
49-2021	Radio, Cellular, and Tower Equipment Installers and Repairs	1.9%	2	1	\$45,698
49-2098	Security and Fire Alarm Systems Installers	1.4%	3	5	\$50,378
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	0.3%	0	3	\$39,395
51-3023	Slaughterers and Meat Packers	0.6%	3	9	\$22,942
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	0.3%	0	4	\$32,136
51-4121	Welders, Cutters, Solderers, and Brazers	0.4%	2	15	\$47,819
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	1.0%	1	1	\$29,910
<b>Marketing, Sales, and Service</b>					
11-2011	Advertising and Promotions Managers	-1.6%	0	2	\$146,037
41-3011	Advertising Sales Agents	0.4%	1	10	\$48,963
41-2011	Cashiers	0.2%	20	450	\$20,342
41-2021	Counter and Rental Clerks	0.3%	4	34	\$32,906
41-9011	Demonstrators and Product Promoters	0.8%	1	3	\$28,163
53-3031	Driver/Sales Workers	0.7%	12	28	\$21,008
41-1012	First-Line Supervisors of Non-Retail Sales Workers	0.9%	8	10	\$97,552
41-1011	First-Line Supervisors of Retail Sales Workers	0.6%	28	107	\$47,965
13-1161	Market Research Analysts and Marketing Specialists	1.7%	34	23	\$77,626
11-2021	Marketing Managers	0.4%	4	20	\$146,827
27-1026	Merchandise Displayers and Window Trimmers	-0.4%	0	13	\$28,018
11-9141	Property, Real Estate, and Community Association Managers	1.0%	7	12	\$66,498
11-2031	Public Relations and Fundraising Managers	0.3%	1	7	\$140,046
27-3031	Public Relations Specialists	0.8%	6	9	\$65,187
41-9021	Real Estate Brokers	0.0%	0	1	\$66,310
41-9022	Real Estate Sales Agents	0.8%	11	9	\$60,590
41-2031	Retail Salespersons	0.9%	168	623	\$25,709
41-9099	Sales and Related Workers, All Other	0.9%	3	4	NA
41-9031	Sales Engineers	0.6%	0	2	\$130,083
11-2022	Sales Managers	0.0%	0	19	\$162,989
41-3099	Sales Representatives, Services, All Other	1.1%	30	52	\$60,278
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	0.3%	9	65	\$62,733
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	-0.3%	0	27	\$108,389
13-1022	Wholesale and Retail Buyers, Except Farm Products	0.8%	1	4	\$56,805

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	2014 Average Annual Wage
<b>Science, Technology, Engineering, and Mathematics</b>					
11-9041	Architectural and Engineering Managers	0.0%	0	15	\$145,974
19-1021	Biochemists and Biophysicists	0.2%	0	6	\$92,248
17-2041	Chemical Engineers	-0.1%	0	20	\$128,066
19-2031	Chemists	0.9%	32	76	\$94,162
15-1111	Computer and Information Research Scientists	0.6%	0	1	\$83,242
17-2071	Electrical Engineers	0.1%	0	10	\$94,682
17-2199	Engineers, All Other	1.1%	1	1	\$100,256
19-2041	Environmental Scientists and Specialists, Including Health	1.1%	5	13	NA
19-2042	Geoscientists, Except Hydrologists and Geographers	1.0%	1	2	\$88,816
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	0.2%	0	2	\$104,853
17-2112	Industrial Engineers	-0.1%	0	15	\$90,646
19-4099	Life, Physical, and Social Science Technicians, All Other	0.6%	1	6	\$51,688
17-2141	Mechanical Engineers	0.6%	4	23	\$96,678
19-1022	Microbiologists	0.3%	0	4	\$60,840
15-2041	Statisticians	3.0%	3	2	\$94,994
19-3022	Survey Researchers	0.9%	1	1	\$52,250
<b>Transportation, Distribution, and Logistics</b>					
49-3011	Aircraft Mechanics and Service Technicians	0.1%	1	11	\$56,534
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	2.1%	2	1	\$26,749
53-6031	Automotive and Watercraft Service Attendants	1.0%	3	11	\$27,851
49-3021	Automotive Body and Related Repairers	0.8%	3	9	\$44,866
49-3023	Automotive Service Technicians and Mechanics	0.4%	9	55	\$40,747
49-2091	Avionics Technicians	-0.4%	0	2	\$50,669
43-3021	Billing and Posting Clerks	1.0%	26	50	\$35,256
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	1.0%	6	9	\$48,610
53-3022	Bus Drivers, School or Special Client	1.0%	20	27	\$31,450
53-3021	Bus Drivers, Transit and Intercity	0.7%	3	5	\$38,480
43-5011	Cargo and Freight Agents	-0.3%	0	3	NA
53-7061	Cleaners of Vehicles and Equipment	0.8%	7	29	\$21,819
43-5021	Couriers and Messengers	0.7%	2	3	\$26,021
43-5032	Dispatchers, Except Police, Fire, and Ambulance	0.8%	6	17	\$37,773
53-1031	First-Line Supervisors of Transportation and Material-Moving Machine and Vehicle Operators	0.6%	4	22	\$58,698
53-3032	Heavy and Tractor-Trailer Truck Drivers	0.8%	36	70	\$42,682
53-7051	Industrial Truck and Tractor Operators	0.8%	10	31	\$34,819
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	1.0%	75	224	\$27,186

SOC Code	Title of Occupation	Average Annual Growth Rate	Average Annual Openings due to Growth	Average Annual Openings due to Replacements	2014 Average Annual Wage
53-3033	Light Truck or Delivery Services Drivers	0.8%	22	48	\$30,909
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	0.6%	2	9	\$47,382
53-3099	Motor Vehicle Operators, All Other	0.5%	3	17	\$26,312
53-7064	Packers and Packers, Hand	0.0%	0	40	\$22,360
53-6021	Parking Lot Attendants	0.9%	4	28	\$20,946
53-3041	Taxi Drivers and Chauffeurs	1.6%	10	10	\$26,853
11-3071	Transportation, Storage, and Distribution Managers	-0.1%	0	7	\$116,106



# Industry Projections

Average annual job growth during the 10-year projection period is expected to be 0.8 percent per year, or just over 3,700 jobs. Since this period is assumed to contain at least one recession, it would be misleading to compare this growth to that of recent years, when the Delaware economy has been in an expansionary phase. While below the long run average, 0.8 percent would be the highest 10-year average growth in Delaware since the 1997-2007 period. It is also above the 0.6 percent average annual job growth projected by the US Bureau of Labor Statistics for the US economy over the same 2014-2024 period.

The average business cycle in the state is about eight or nine years. When recessions do occur, it takes about three years for total jobs to reach their previous peak. With the current expansion now over six years old (this is being written in mid-2016), the likelihood of another eight years without a recession is small. That is why three years of zero job growth have been built into the projection. That would bring average job growth per expansionary year to over 5,000 jobs.

The official population projections from the Delaware Population Consortium point to slower growth. Total population growth over the ten-year period for people 16 years old and up, the official labor force, is projected at 71,544 state residents. However, the large majority of that growth is expected to be people over 65, who have much lower labor force participation rates. The state's population of people 16 to 64 years old is projected to only rise by 14,328 people from 2014 to 2024, an average annual growth rate of only 0.2 percent over the ten years. While changing patterns of workers commuting between states can make the relationship between job growth and working-age population growth less than perfect, there is still a positive relationship between them, so slower growth in population can reduce projected job growth.

The connection between population and jobs comes from the labor force participation rate (LFPR) and the unemployment rate. The LFPR shows how many people are willing and able to work, while the unemployment rate shows how many are not in jobs. The average unemployment rate in the 2014 base year was 5.7 percent. Given the assumption that the unemployment rate will be closer to 4 percent in 2024 (full employment is the only rational assumption that far into the future), the reduction in unemployment itself adds almost 8,000 jobs. Second, labor force participation changes through time. Recent declines in the overall LFPR are well documented, but a

single LFPR for the whole population is too broad to be of much use in projections. As the table opposite shows, we use 14 categories based on gender and age to provide a more complete picture. The drop in the overall labor force participation rate (LFPR) has been attributed to a combination of baby boomers reaching retirement age, and people being displaced in the labor force by the Great Recession. This latter factor is assumed to be temporary, so we expect small increases in the LFPR of most groups by 2024. This accounts for nearly 11,000 of the projected new jobs. Due to the population growth in the upper age categories, the overall LFPR will not reach its late 1990's peak anytime soon.

**Health Care and Social Assistance**, already Delaware's largest industry sector in terms of employment, is projected to add the most jobs and have the second-highest growth rate. By 2024, nearly one in six jobs in the state will be in Health Care. The 10,190 new jobs projected are more than twice that of **Finance and Insurance**, which is expected to add more jobs than any of the remaining

## Projected Net Job Growth by Industry Sector, 2024

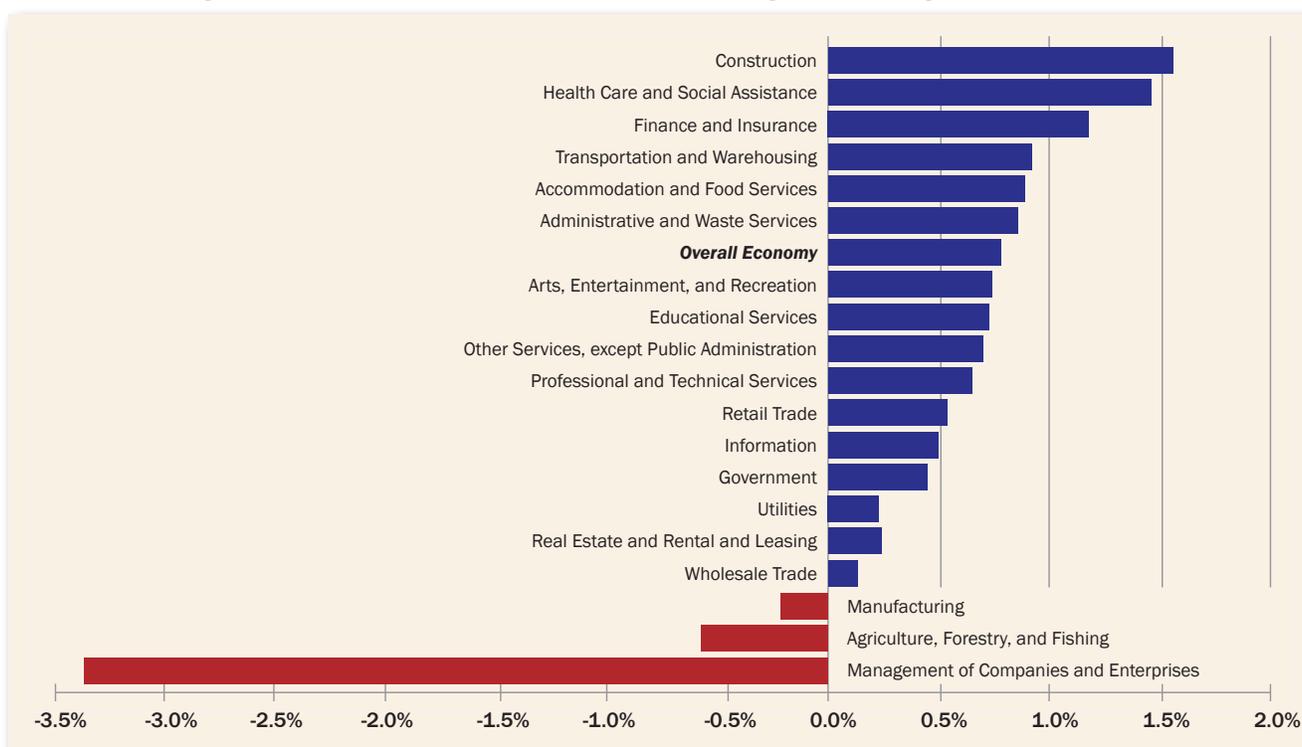
Industry Sector	Net Job Growth
Health Care and Social Assistance	10,190
Finance and Insurance	4,940
Accommodation and Food Services	3,450
Construction	3,420
Retail Trade	2,880
Educational Services	2,600
Self-Employed	2,500
Administrative and Waste Services	2,250
Professional and Technical Services	1,930
Transportation and Warehousing	1,410
Other Services, Except Public Administration	1,340
Government	1,300
Arts, Entertainment, and Recreation	750
Information	250
Wholesale Trade	160
Real Estate and Rental and Leasing	130
Utilities	50
Agriculture, Forestry, and Fishing	-290
Manufacturing	-520
Management of Companies and Enterprises	-1,590

18 sectors. **Construction** is projected to have the highest growth rate, about double the overall rate.

Industries growing at above average rates will become larger components of the state’s economy, while the slower growing sectors are diminished. Among the major sectors, those projected to grow in relative size are **Construction** (1.6 percent annual growth), **Health Care and Social Assistance** (1.5 percent), **Finance and Insurance** (1.2 percent), **Self-Employed** (1.1 percent – but not technically an industry sector), **Transportation and Warehousing** (0.9 percent), **Accommodation and Food Services** (0.9 percent), and **Administrative and Waste Services** (0.9 percent). The major industry sectors projected to be a smaller part of Delaware’s economy in 2024 are **Arts, Entertainment, and Recreation** (0.7 percent), **Educational Services** (0.7 percent), **Other Services** (0.7 percent), **Professional and Technical Services** (0.6 percent), **Retail Trade** (0.5 percent), **Information** (0.5 percent), **Government** (0.4 percent), **Real Estate and Rental and Leasing** (0.2 percent), **Utilities** (0.2 percent), **Wholesale Trade** (0.1 percent), **Manufacturing** (-0.2 percent), **Agriculture, Forestry, and Fishing** (-0.6 percent), and **Management of Companies and Enterprises** (-3.4 percent).

Group	LFPR (%)	2014 Pop.	LF	LFPR (%)	2024 Pop.	LF
Male 16-19	30.6	24,223	7,412	33	24,830	8,194
Male 20-24	72.4	34,061	24,660	70	31,240	21,868
Male 25-34	90.2	60,138	54,244	92	65,892	60,621
Male 35-44	90.2	56,417	50,888	92	62,128	57,158
Male 45-54	86.7	63,182	54,779	88.5	57,857	51,203
Male 55-64	66.4	56,755	37,685	68	62,741	42,664
Male 65+	20.5	64,338	13,189	23	89,817	20,658
Female 16-19	35.9	23,452	8,419	40	24,040	9,616
Female 20-24	72.9	34,301	25,005	74	30,213	22,358
Female 25-34	77.6	59,789	46,396	78	65,419	51,027
Female 35-44	77.0	59,120	45,522	79	62,660	49,501
Female 45-54	77.3	67,673	52,311	78	61,285	47,802
Female 55-64	58.4	63,379	37,013	61	68,513	41,793
Female 65+	16.7	82,871	13,839	16	14,608	18,337

### Projected Annual Rate of Growth by Industry Sector, 2014–2024



### Table 3: Industry Projections

NAICS	Industry	2014	2024	2014-2024 Change	2014-2024 Annual Growth
	<b>Total Employment, All Jobs</b>	<b>457,700</b>	<b>494,850</b>	<b>37,150</b>	<b>0.8%</b>
	Total Self-Employed and Unpaid Family Workers, Primary Job	21,250	23,750	2,500	1.1%
	Self-Employed Workers, Primary Job	21,000	23,500	2,500	1.1%
	Unpaid Family Workers, Primary Job	250	250	0	0.0%
<b>11</b>	<b>Agriculture, Forestry, Fishing</b>	<b>5,220</b>	<b>4,930</b>	<b>-290</b>	<b>-0.6%</b>
111	Crop production	2,880	2,720	-160	-0.6%
112	Animal production	2,060	1,960	-100	-0.5%
115	Support activities for agriculture and forestry	280	250	-30	-1.1%
<b>21</b>	<b>Mining</b>	<b>30</b>	<b>30</b>	<b>0</b>	<b>0.0%</b>
<b>22</b>	<b>Utilities</b>	<b>2,150</b>	<b>2,200</b>	<b>50</b>	<b>0.2%</b>
<b>23</b>	<b>Construction</b>	<b>20,400</b>	<b>23,820</b>	<b>3,420</b>	<b>1.6%</b>
236	Construction of buildings	4,850	5,900	1,050	2.0%
237	Heavy and civil engineering construction	2,680	2,920	240	0.9%
238	Specialty trade contractors	12,870	15,000	2,130	1.5%
<b>31-33</b>	<b>Manufacturing</b>	<b>25,660</b>	<b>25,140</b>	<b>-520</b>	<b>-0.2%</b>
311	Food manufacturing	9,140	9,650	510	0.5%
312	Beverage and tobacco product manufacturing	310	360	50	1.5%
313	Textile mills	540	450	-90	-1.8%
314	Textile product mills	90	70	-20	-2.5%
315	Apparel manufacturing	80	50	-30	-4.6%
321	Wood product manufacturing	340	370	30	0.8%
322	Paper manufacturing	670	550	-120	-2.0%
323	Printing and related support activities	670	600	-70	-1.1%
324	Petroleum and coal products manufacturing	650	730	80	1.2%
325	Chemical manufacturing	2,610	1,850	-760	-3.4%
326	Plastics and rubber products manufacturing	1,720	1,660	-60	-0.4%
327	Nonmetallic mineral product manufacturing	490	530	40	0.8%
331	Primary metal manufacturing	200	160	-40	-2.2%
332	Fabricated metal product manufacturing	1,560	1,400	-160	-1.1%
333	Machinery manufacturing	670	700	30	0.4%
334	Computer and electronic product manufacturing	2,830	2,940	110	0.4%
335	Electrical equipment and appliance mfg.	730	800	70	0.9%
336	Transportation equipment manufacturing	850	800	-50	-0.6%
337	Furniture and related product manufacturing	750	800	50	0.6%
339	Miscellaneous manufacturing	760	670	-90	-1.3%

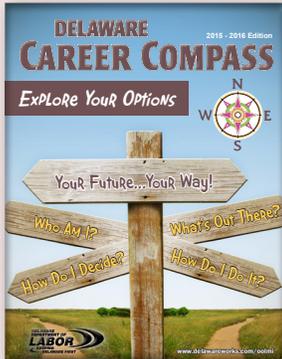
NAICS	Industry	2014	2024	2014-2024 Change	2014-2024 Annual Growth
<b>42</b>	<b>Wholesale Trade</b>	<b>11,990</b>	<b>12,150</b>	<b>160</b>	<b>0.1%</b>
423	Merchant wholesalers, durable goods	5,230	5,550	320	0.6%
424	Merchant wholesalers, nondurable goods	4,880	4,700	-180	-0.4%
425	Electronic markets and agents and brokers	1,880	1,900	20	0.1%
<b>44-45</b>	<b>Retail Trade</b>	<b>52,420</b>	<b>55,300</b>	<b>2,880</b>	<b>0.5%</b>
441	Motor vehicle and parts dealers	6,930	7,350	420	0.6%
442	Furniture and home furnishings stores	1,920	2,100	180	0.9%
443	Electronics and appliance stores	2,140	2,280	140	0.6%
444	Building material and garden supply stores	4,560	4,850	290	0.6%
445	Food and beverage stores	9,960	10,350	390	0.4%
446	Health and personal care stores	3,660	4,200	540	1.4%
447	Gasoline stations	2,330	2,420	90	0.4%
448	Clothing and clothing accessories stores	5,450	5,800	350	0.6%
451	Sporting goods, hobby, book and music stores	1,880	1,950	70	0.4%
452	General merchandise stores	9,730	9,850	120	0.1%
453	Miscellaneous store retailers	2,720	2,900	180	0.6%
454	Nonstore retailers	1,140	1,250	110	0.9%
<b>48-49</b>	<b>Transportation and Warehousing</b>	<b>14,750</b>	<b>16,160</b>	<b>1,410</b>	<b>0.9%</b>
481	Air transportation	110	150	40	3.2%
482	Rail transportation	1,290	1,400	110	0.8%
484	Truck transportation	2,210	2,400	190	0.8%
485	Transit and ground passenger transportation	1,940	2,060	120	0.6%
488	Support activities for transportation	1,870	1,800	-70	-0.4%
491	Postal Service	1,910	1,800	-110	-0.6%
492	Couriers and messengers	1,350	1,550	200	1.4%
493	Warehousing and storage	4,070	5,000	930	2.1%
<b>51</b>	<b>Information</b>	<b>4,890</b>	<b>5,140</b>	<b>250</b>	<b>0.5%</b>
511	Publishing industries, except Internet	860	750	-110	-1.4%
512	Motion picture and sound recording industries	340	360	20	0.6%
515	Broadcasting, except Internet	330	360	30	0.9%
517	Telecommunications	1,990	2,220	230	1.1%
518	ISPs, search portals, and data processing	1,050	1,100	50	0.5%
519	Other information services	320	350	30	0.9%
<b>52</b>	<b>Finance and Insurance</b>	<b>39,780</b>	<b>44,720</b>	<b>4,940</b>	<b>1.2%</b>
522	Credit intermediation and related activities	26,600	29,800	3,200	1.1%
523	Securities, commodity contracts, investments	6,470	7,700	1,230	1.8%
524	Insurance carriers and related activities	6,690	7,200	510	0.7%
525	Funds, trusts, and other financial vehicles	20	20	0	0.0%

INDUSTRY PROJECTIONS

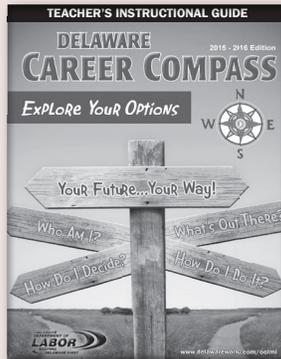
NAICS	Industry	2014	2024	2014-2024 Change	2014-2024 Annual Growth
<b>53</b>	<b>Real Estate and Rental and Leasing</b>	<b>5,280</b>	<b>5,410</b>	<b>130</b>	<b>0.2%</b>
531	Real estate	3,970	4,150	180	0.4%
532	Rental and leasing services	1,310	1,260	-50	-0.4%
<b>54</b>	<b>Professional and Technical Services</b>	<b>28,970</b>	<b>30,900</b>	<b>1,930</b>	<b>0.6%</b>
<b>55</b>	<b>Management of Companies and Enterprises</b>	<b>5,490</b>	<b>3,900</b>	<b>-1,590</b>	<b>-3.4%</b>
<b>56</b>	<b>Administrative and Waste Services</b>	<b>25,320</b>	<b>27,570</b>	<b>2,250</b>	<b>0.9%</b>
561	Administrative and support services	24,050	26,200	2,150	0.9%
562	Waste management and remediation services	1,270	1,370	100	0.8%
<b>61</b>	<b>Educational Services</b>	<b>34,650</b>	<b>37,250</b>	<b>2,600</b>	<b>0.7%</b>
<b>62</b>	<b>Health Care and Social Assistance</b>	<b>61,220</b>	<b>71,200</b>	<b>9,980</b>	<b>1.5%</b>
621	Ambulatory health care services	19,290	23,000	3,710	1.8%
622	Hospitals	23,280	26,400	3,120	1.3%
623	Nursing and residential care facilities	11,370	13,000	1,630	1.3%
624	Social assistance	11,570	13,300	1,730	1.4%
<b>71</b>	<b>Arts, Entertainment, and Recreation</b>	<b>9,840</b>	<b>10,590</b>	<b>750</b>	<b>0.7%</b>
711	Performing arts and spectator sports	630	570	-60	-1.0%
712	Museums, historical sites, zoos, and parks	880	920	40	0.4%
713	Amusements, gambling, and recreation	8,330	9,100	770	0.9%
<b>72</b>	<b>Accommodation and Food Services</b>	<b>37,100</b>	<b>40,550</b>	<b>3,450</b>	<b>0.9%</b>
721	Accommodation	3,350	3,750	400	1.1%
722	Food services and drinking places	33,750	36,800	3,050	0.9%
<b>81</b>	<b>Other Services, Except Public Administration</b>	<b>18,450</b>	<b>19,790</b>	<b>1,340</b>	<b>0.7%</b>
811	Repair and maintenance	3,280	3,440	160	0.5%
812	Personal and laundry services	4,520	4,800	280	0.6%
813	Membership associations and organizations	10,250	11,100	850	0.8%
814	Private households	400	450	50	1.2%
	<b>Government</b>	<b>28,550</b>	<b>29,850</b>	<b>1,300</b>	<b>0.4%</b>
	Federal government, excluding postal service	3,580	3,650	70	0.2%
	State government, excluding education and hospitals	17,890	18,750	860	0.5%
	Local government, excluding education and hospitals	7,080	7,450	370	0.5%

## Access our publications online

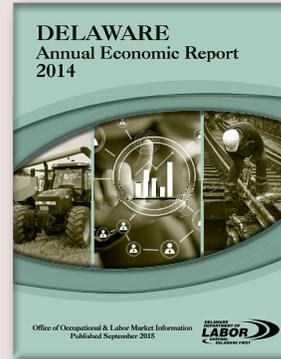
All OOLMI publications can be viewed or downloaded at the following website:  
<https://lmi.delawareworks.com/Content/Publications/>



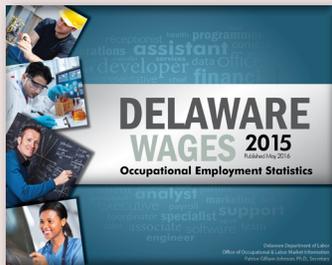
The Delaware Career Compass is a step-by-step guide to career planning for students. Learn about yourself, the world of work, and how you can reach your goals.



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.



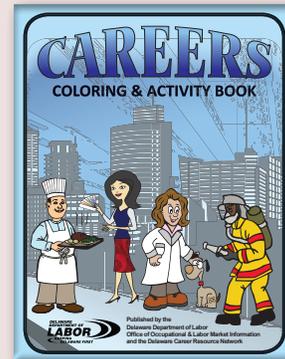
The Delaware Annual Economic Report is a comprehensive look at the state's economy and workforce.



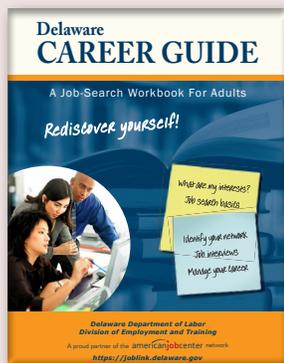
The estimates in this publication were derived from the Occupational Employment Statistics (OES) survey. This valuable tool is made possible by the hundreds of Delaware employers who responded to the survey. Data are published only if there are enough responses to ensure both quality and confidentiality.



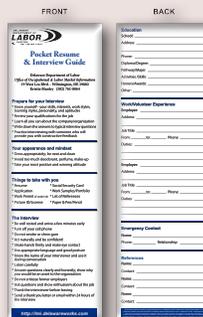
The Career Heroes Activity Book is a career awareness workbook for elementary students. It is designed to be used in conjunction with the Career Heroes Trading Cards and the Career Heroes Teacher's Guide.



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.



The Delaware Career Guide is a job-search workbook for adults. Use it to learn more about yourself, to organize your job-search resources, and to develop the skills you will need to navigate the job market.



Students and job seekers who complete and carry this handy 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



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