



# Delaware 2020

## Occupation & Industry Projections

Office of Occupational and Labor Market Information  
Delaware Department of Labor  
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## Occupation & Industry Projections

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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 2010 to 2020. It supersedes the last such set of projections, which were generated for the 2008-2018 period and published in October, 2010.

Delaware is projected to have 48,450 more jobs in 2020 than in 2010, for an average annual growth rate of 1.07 percent. *Health Care and Social Assistance* is expected to create far and away the greatest number of jobs, with projected growth of 13,140 jobs. More than one-quarter of the net new jobs in Delaware are projected to come in this industry. Already the state's biggest industry in terms of employment, it will be even more dominant by 2020.

Some of the projected job growth comes from the cyclical nature of the economy. Delaware's economy hit bottom early in 2010, and the base year of 2010 average annual employment represents the low point of the Great Recession. For the projection year of 2020, the assumption is that the economy will be at full employment (this is the

only theoretically sound assumption eight years in advance), so the return of many of the jobs lost during the recession is added to the expected growth trend. In other words, most of the projected job growth is due to normally expected population and economic growth, but some is from the expected return of unemployment in the state to more normal levels.

Another change in this publication is in the education and training requirements of the occupations. In previous editions, occupations were assigned one of eleven education or training levels, which represented the expected attainment to be considered competent in the field. For this edition, the US Bureau of Labor Statistics (BLS) has separated the single education/training category into three distinct categories for each occupation: typical entry level education, work experience in a related occupation, and typical on-the-job training. To comply with national standards, we have adopted the new BLS categories for use in this publication. It should be noted that while the education category represents the BLS assessment of current typical educational requirements for entry into an occupation, those requirements are subject to change. When they do change, they almost always increase.

# Occupation Projections by Occupational Group

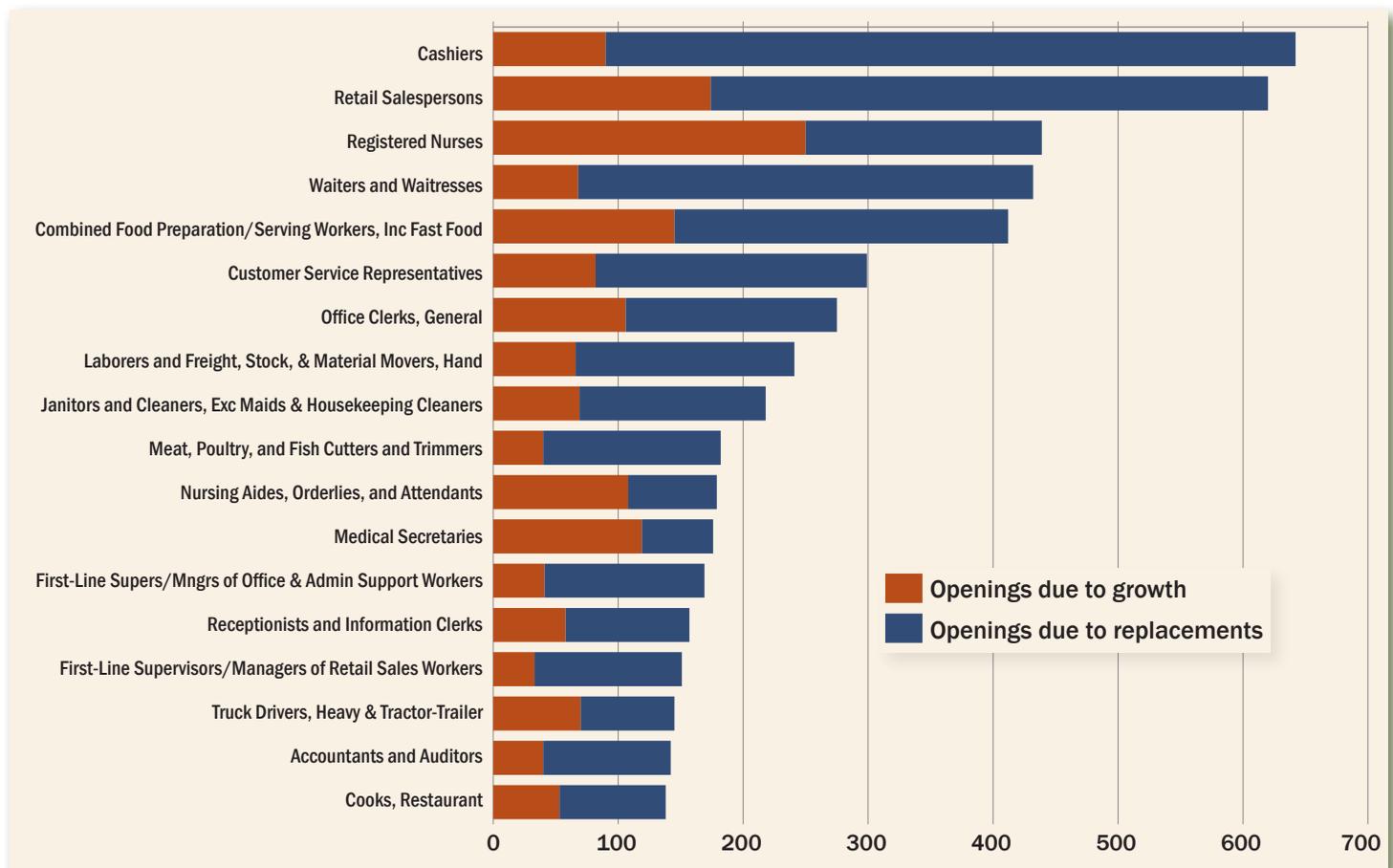
In this section, we present job projections and associated data for 495 specific occupations in Delaware, listed by major occupational group. The data elements provided for each occupation are: the Standard Occupational Classification (SOC) code, an estimate of the total number of filled jobs in the state in 2010, the projection of total filled jobs in 2020, the 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 2010 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.

## Occupations With the Most Annual Openings, 2010–2020



For ease of comparison, this first section presents occupational wages by wage categories. To create the categories, we divided the 493 occupations for which we have wage estimates (two agricultural occupations, *Animal Breeders* and *Farmers*, are not covered by our wage surveys) into quintiles. There are 98 occupations in the Low and High categories, and 99 occupations in each of the three middle categories. These categories are based on the 2010 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 98 occupations (Low) paid below \$29,300 per year. The next lowest-paying 99 occupations, those in the Below Average category (-Avg.), had average wages between \$29,300 and \$38,700 per year. The middle category, Average (Avg.) paid from \$38,700 to \$50,080. The second highest-paying category, Above Average (+Avg.), had average wages from \$50,081 to \$66,000, while the 98 highest-paying occupations (High) had average annual wages exceeding \$66,000.

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 still 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.

### Wage Categories

Wage Category	Abbreviation	2010 Average Annual Wage
Low	Low	Below \$29,300
Below Average	-Avg.	\$29,300 to \$38,700
Average	Avg.	\$38,701 to \$50,080
Above Average	+Avg.	\$50,081 to \$66,000
High	High	Above \$66,000

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 14 such openings; and Excellent (Excl), with 15 or more annual openings due to growth projected. There are 81 occupations with Excellent job availability, 134 in the Good category, 143 with Fair job availability prospects, and 137 in the Poor category.

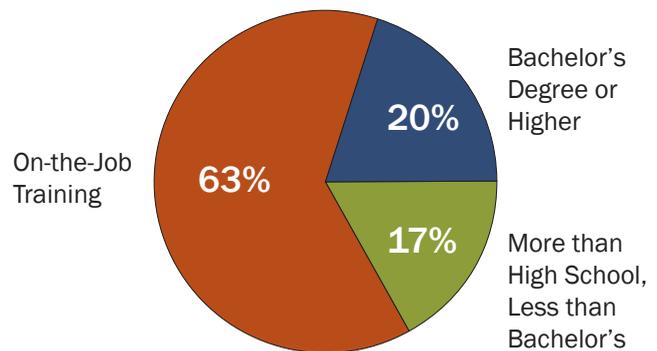
### Job Availability Categories

Category	Annual Openings Due to Growth	Number of Occupations in each Category
Poor	0	137
Fair	1 to 3	143
Good	4 to 14	134
Excellent (Excl)	15 or more	81

The rest of the data refer to education, experience, and training requirements. In the past, one variable was used to describe all three; the current standard is for separate measures for each. There are eight levels of education, which are intended to describe the typical education level of someone entering the occupation. The education categories range from less than high school (<HS), 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 four possible values: none, less than one year (<1), from one to five years (1-5), and over five years (5+). The on-the-job training field has six possible measures for the

### New Jobs Created by Level of Education, 2010–2020

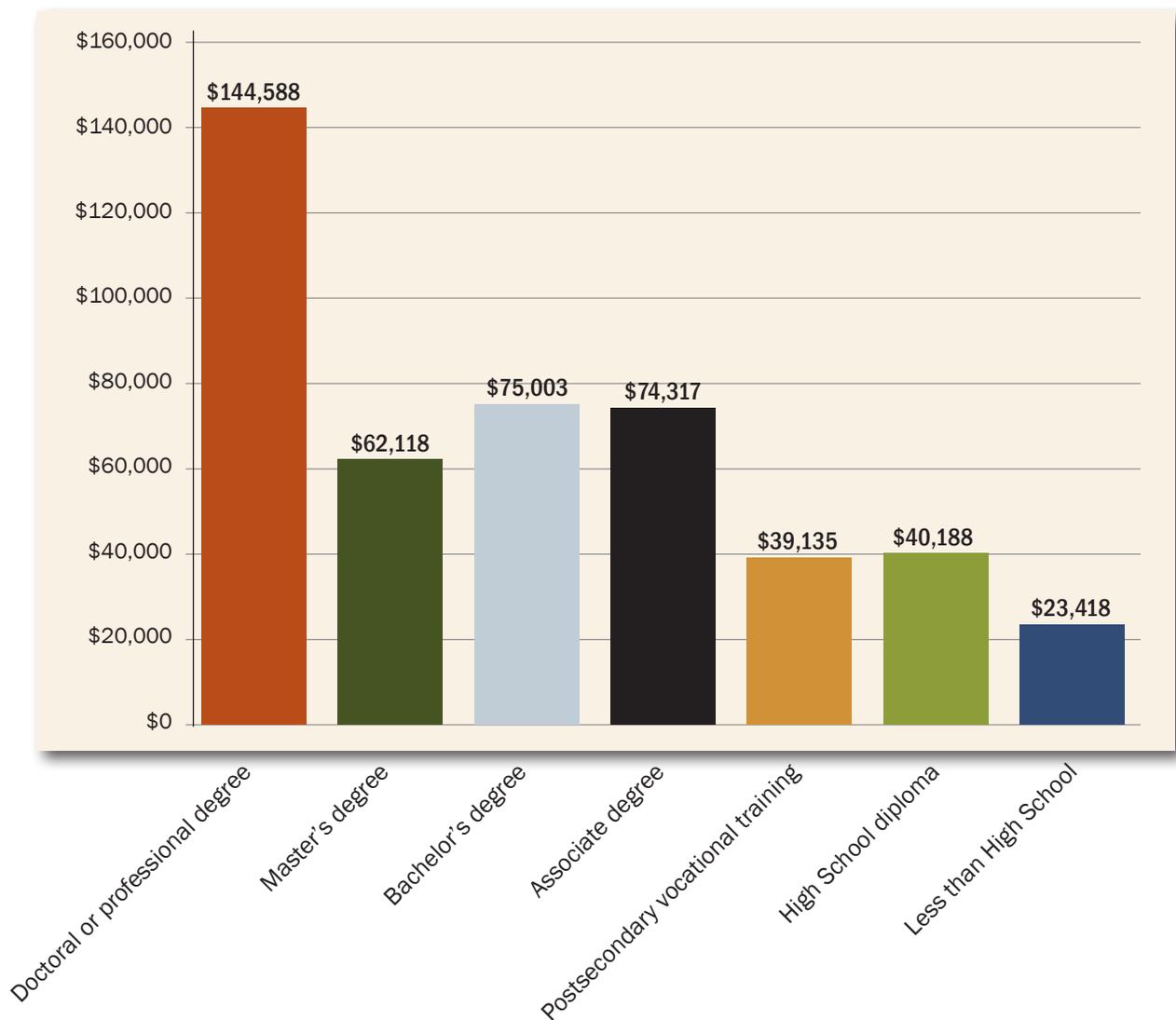


typical amount of training required to be considered competent in the occupation. These range from none, short-term on-the-job training of one month or less (STOJT), moderate-term on-the-job training of from one month to one year (MOJT), long-term on-the-job training of over one year (LTOJT), and apprenticeship (App) through internship or residency (Int). Those interested in further details of the new education, experience, and training requirements should go to: [www.bls.gov/emp/ep\\_education\\_tech.htm](http://www.bls.gov/emp/ep_education_tech.htm)

### Projected Openings and Growth by Education Level, 2010–2020

Education	Total Openings 2010–2020	Percent of Total Openings	New Jobs	Annual Percent Growth	2011 Unemployment Rate
Ph.D./Professional	3,985	2.6%	1,625	1.2%	0.4%
Master's	2,480	1.6%	959	1.4%	3.0%
Bachelor's	24,201	15.7%	7,478	0.9%	4.2%
Associate's	9,515	6.2%	4,741	1.7%	4.6%
Some College	899	0.6%	284	1.2%	7.8%
Vocational Education	7,244	4.7%	3,608	1.7%	Not Available
High School Graduate	58,837	38.2%	19,871	1.0%	8.3%
Less than HS	46,998	30.5%	12,000	1.0%	12.0%

### Wages by Level of Education, 2010



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

SOC Code	Title of Occupation	2010 Est. Empl	2020 Proj. Empl.	Wage Cat.	Job Avail.	Educ.	Work Exp.	Job Training
<b>11-0000 Management Occupations</b>								
11-2021	Marketing Managers	950	931	High	Poor	Bach	1-5	None
11-2022	Sales Managers	691	710	High	Fair	Bach	1-5	None
11-2031	Public Relations Managers	231	233	High	Poor	Bach	1-5	None
11-3011	Administrative Services Managers	776	824	High	Good	HS	1-5	None
11-3021	Computer and Information Systems Managers	1,598	1,656	High	Good	Bach	5+	None
11-3031	Financial Managers	2,367	2,382	High	Fair	Bach	5+	None
11-3051	Industrial Production Managers	379	418	High	Good	Bach	1-5	None
11-3061	Purchasing Managers	152	151	High	Poor	Bach	5+	None
11-3071	Transportation, Storage, and Distribution Managers	363	364	High	Poor	HS	5+	None
11-3111	Compensation and Benefits Managers	163	150	High	Poor	Bach	1-5	None
11-3121	Human Resources Managers	256	267	High	Fair	Bach	1-5	None
11-3131	Training and Development Managers	131	128	High	Poor	Bach	1-5	None
11-9013	Farmers, Ranchers, and Other Agricultural Managers	2,592	2,425	NA	Poor	HS	5+	None
11-9021	Construction Managers	1,157	1,469	High	Excl	Assoc	5+	None
11-9031	Education Administrators, Preschool and Child Care Center/Program	296	332	+Avg	Good	Bach	1-5	None
11-9032	Education Administrators, Elementary and Secondary School	605	638	High	Fair	Mast	1-5	None
11-9039	Education Administrators, All Other	45	52	+Avg	Fair	Bach	1-5	None
11-9041	Engineering Managers	437	454	High	Fair	Bach	5+	None
11-9051	Food Service Managers	389	463	High	Good	HS	1-5	None
11-9081	Lodging Managers	135	144	High	Fair	HS	1-5	None
11-9111	Medical and Health Services Managers	928	1,112	High	Excl	Bach	0	None
11-9131	Postmasters and Mail Superintendents	48	42	High	Poor	HS	1-5	MOJT
11-9141	Property, Real Estate, and Community Association Managers	591	642	High	Good	HS	1-5	None
11-9151	Social and Community Service Managers	718	829	+Avg	Good	Bach	1-5	None
11-9161	Emergency Management Directors	15	16	+Avg	Poor	Bach	1-5	LTOJT
11-9199	Managers, All Other	1,159	1,159	High	Poor	HS	1-5	None
11-1011	Chief Executives	395	424	High	Fair	Bach	5+	None
11-1021	General and Operations Managers	4,318	4,793	High	Excl	Assoc	1-5	None
<b>13-0000 Business and Financial Operations Occupations</b>								
13-1022	Wholesale and Retail Buyers, Except Farm Products	254	291	Avg	Fair	HS	0	LTOJT
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	694	707	High	Fair	HS	0	LTOJT
13-1031	Claims Adjusters, Examiners, and Investigators	846	906	+Avg	Good	HS	0	LTOJT
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation	1,089	1,256	+Avg	Excl	Bach	0	MOJT

SOC Code	Title of Occupation	2010 Est. Empl	2020 Proj. Empl.	Wage Cat.	Job Avail.	Educ.	Work Exp.	Job Training
13-1051	Cost Estimators	720	955	+Avg	Excl	Bach	0	None
13-1078	Human Resources, Labor Relations, and Training Specialists, All Other	1,564	1,706	+Avg	Good	Bach	0	None
13-1081	Logisticians	484	585	High	Good	Bach	1-5	None
13-1111	Management Analysts	2,011	2,177	High	Excl	Bach	1-5	None
13-1121	Meeting and Convention Planners	258	287	Avg	Fair	Bach	<1	None
13-1141	Compensation, Benefits, and Job Analysis Specialists	324	319	High	Poor	Bach	0	None
13-1151	Training and Development Specialists	893	962	+Avg	Good	Bach	0	None
13-1161	Market Research Analysts and Marketing Specialists	1,796	1,875	High	Good	Bach	0	None
13-1199	Business Operations Specialists, All Other	1,890	2,062	+Avg	Excl	HS	<1	LTOJT
13-2011	Accountants and Auditors	4,755	5,156	High	Excl	Bach	0	None
13-2021	Appraisers and Assessors of Real Estate	157	166	+Avg	Fair	HS	0	App
13-2031	Budget Analysts	155	172	+Avg	Fair	Bach	0	None
13-2041	Credit Analysts	1,182	1,285	+Avg	Good	Bach	0	None
13-2051	Financial Analysts	1,948	2,120	High	Excl	Bach	0	None
13-2052	Personal Financial Advisors	930	1,199	High	Excl	Bach	0	None
13-2053	Insurance Underwriters	369	400	+Avg	Fair	Bach	0	MOJT
13-2061	Financial Examiners	168	180	High	Fair	Bach	0	MOJT
13-2071	Loan Counselors	201	210	Avg	Fair	Bach	0	MOJT
13-2072	Loan Officers	735	783	+Avg	Good	HS	0	MOJT
13-2081	Tax Examiners, Collectors, and Revenue Agents	225	239	+Avg	Fair	Bach	0	MOJT
13-2082	Tax Preparers	341	344	Avg	Poor	HS	0	MOJT
<b>15-0000 Computer and Mathematical Occupations</b>								
15-1111	Computer and Information Research Scientists	81	95	High	Fair	PhD/prof	0	None
15-1121	Computer Systems Analysts	2,976	3,315	High	Excl	Bach	0	None
15-1131	Computer Programmers	1,232	1,263	High	Fair	Bach	0	None
15-1132	Software Developers, Applications	1,867	2,148	High	Excl	Bach	0	None
15-1133	Software Developers, Systems Software	1,260	1,394	High	Good	Bach	0	None
15-1141	Database Administrators	575	673	High	Good	Bach	1-5	None
15-1142	Network and Computer Systems Architects and Administrators	854	1,069	High	Excl	Bach	0	None
15-1150	Computer Support Specialists	2,084	2,329	+Avg	Excl	HS	0	MOJT
15-1179	Information Security Analysts, Web Developers, and Computer Network Architects	1,033	1,111	High	Good	Bach	1-5	None
15-1799	Computer Occupations, All Other	186	194	High	Fair	Bach	0	None
15-2011	Actuaries	122	158	High	Good	Bach	0	LTOJT
15-2031	Operations Research Analysts	208	225	High	Fair	Bach	0	None
15-2041	Statisticians	85	86	High	Poor	Mast	0	None
<b>17-0000 Architecture and Engineering Occupations</b>								
17-1011	Architects, Except Landscape and Naval	115	138	High	Fair	Bach	0	Int/res
17-1012	Landscape Architects	106	118	+Avg	Fair	Bach	0	Int/res

*Occupation Projections by Occupational Group*

SOC Code	Title of Occupation	2010 Est. Empl	2020 Proj. Empl.	Wage Cat.	Job Avail.	Educ.	Work Exp.	Job Training
17-1022	Surveyors	124	145	High	Fair	Bach	0	None
17-2051	Civil Engineers	1,019	1,148	High	Good	Bach	0	None
17-2071	Electrical Engineers	880	935	High	Good	Bach	0	None
17-2081	Environmental Engineers	143	153	High	Fair	Bach	0	None
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	64	79	High	Fair	Bach	0	None
17-2112	Industrial Engineers	620	655	High	Fair	Bach	0	None
17-2141	Mechanical Engineers	569	652	High	Good	Bach	0	None
17-3011	Architectural and Civil Drafters	317	308	+Avg	Poor	Assoc	0	None
17-3012	Electrical and Electronics Drafters	154	171	+Avg	Fair	Assoc	0	None
17-3013	Mechanical Drafters	226	273	+Avg	Good	Assoc	0	None
17-3019	Drafters, All Other	16	16	+Avg	Poor	Assoc	0	None
17-3022	Civil Engineering Technicians	411	423	Avg	Fair	Assoc	0	None
17-3023	Electrical and Electronic Engineering Technicians	317	349	Avg	Fair	Assoc	0	None
17-3025	Environmental Engineering Technicians	31	36	+Avg	Fair	Assoc	0	None
17-3026	Industrial Engineering Technicians	120	129	Avg	Fair	Assoc	0	None
17-3027	Mechanical Engineering Technicians	156	164	+Avg	Fair	Assoc	0	None
17-3031	Surveying and Mapping Technicians	127	137	Avg	Fair	HS	0	MOJT
<b>19-0000 Life, Physical, and Social Science Occupations</b>								
19-1013	Soil and Plant Scientists	74	85	+Avg	Fair	Bach	0	None
19-1021	Biochemists and Biophysicists	115	141	High	Fair	PhD/prof	0	None
19-1022	Microbiologists	107	116	+Avg	Fair	Bach	0	None
19-1023	Zoologists and Wildlife Biologists	13	12	High	Poor	Bach	0	None
19-1029	Biological Scientists, All Other	25	26	High	Poor	PhD/prof	0	None
19-1031	Conservation Scientists	29	30	+Avg	Poor	Bach	0	None
19-1032	Foresters	15	15	+Avg	Poor	Bach	0	None
19-2012	Physicists	21	25	High	Poor	PhD/prof	0	None
19-2031	Chemists	1,905	1,904	High	Poor	Bach	0	None
19-2032	Materials Scientists	87	94	High	Fair	Bach	0	None
19-2041	Environmental Scientists and Specialists, Including Health	401	460	+Avg	Good	Bach	0	None
19-2042	Geoscientists, Except Hydrologists and Geographers	40	49	High	Fair	Bach	0	None
19-2043	Hydrologists	29	35	+Avg	Poor	Mast	0	None
19-3011	Economists	44	44	High	Poor	Bach	0	None
19-3031	Clinical, Counseling, and School Psychologists	450	547	High	Good	PhD/prof	0	Int/res
19-3051	Urban and Regional Planners	196	211	+Avg	Fair	Mast	0	None
19-4021	Biological Technicians	225	230	Avg	Poor	Bach	0	None
19-4031	Chemical Technicians	617	655	+Avg	Good	Assoc	0	MOJT
19-4061	Social Science Research Assistants	100	112	-Avg	Fair	Assoc	0	None
19-4091	Environmental Science and Protection Technicians, Including Health	124	144	-Avg	Fair	Assoc	0	MOJT

SOC Code	Title of Occupation	2010 Est. Empl	2020 Proj. Empl.	Wage Cat.	Job Avail.	Educ.	Work Exp.	Job Training
<b>21-0000 Community and Social Service Occupations</b>								
21-1011	Substance Abuse and Behavioral Disorder Counselors	185	214	-Avg	Fair	HS	0	MOJT
21-1012	Educational, Vocational, and School Counselors	919	1,048	+Avg	Good	Mast	0	None
21-1013	Marriage and Family Therapists	223	238	+Avg	Fair	Mast	0	Int/res
21-1014	Mental Health Counselors	191	247	-Avg	Good	Mast	0	Int/res
21-1015	Rehabilitation Counselors	501	571	-Avg	Good	Mast	0	None
21-1021	Child, Family, and School Social Workers	970	1,113	Avg	Good	Bach	0	None
21-1022	Medical and Public Health Social Workers	892	1,040	Avg	Excl	Mast	0	None
21-1023	Mental Health and Substance Abuse Social Workers	499	606	Avg	Good	Bach	0	None
21-1029	Social Workers, All Other	115	121	+Avg	Fair	Bach	0	None
21-1091	Health Educators	187	256	+Avg	Good	Bach	0	None
21-1092	Probation Officers and Correctional Treatment Specialists	656	805	Avg	Excl	Bach	0	STOJT
21-1093	Social and Human Service Assistants	731	842	Low	Good	HS	0	STOJT
21-1798	Community and Social Service Specialists, All Other	410	485	-Avg	Good	Bach	0	None
<b>23-0000 Legal Occupations</b>								
23-1011	Lawyers	3,037	3,058	High	Fair	PhD/prof	0	None
23-1012	Judicial Law Clerks	201	209	Avg	Fair	PhD/prof	0	None
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	89	87	+Avg	Poor	Bach	1-5	MOJT
23-1022	Arbitrators, Mediators, and Conciliators	47	51	Avg	Poor	Bach	1-5	MOJT
23-1023	Judges, Magistrate Judges, and Magistrates	161	176	High	Fair	PhD/prof	5+	STOJT
23-2011	Paralegals and Legal Assistants	1,215	1,313	+Avg	Good	Assoc	0	None
23-2091	Court Reporters	76	89	+Avg	Fair	VocEd	0	STOJT
23-2093	Title Examiners, Abstractors, and Searchers	41	38	Avg	Poor	HS	0	STOJT
23-2099	Legal Support Workers, All Other	179	183	Avg	Poor	HS	0	STOJT
<b>25-0000 Education, Training, and Library Occupations</b>								
25-1194	Vocational Education Teachers, Postsecondary	332	363	Avg	Fair	Bach	1-5	None
25-2011	Preschool Teachers, Except Special Education	1,890	2,117	Low	Excl	Assoc	0	None
25-2012	Kindergarten Teachers, Except Special Education	374	422	+Avg	Good	Bach	0	Int/res
25-2021	Elementary School Teachers, Except Special Education	3,604	4,032	+Avg	Excl	Bach	0	Int/res
25-2022	Middle School Teachers, Except Special and Vocational Education	2,499	2,797	+Avg	Excl	Bach	0	Int/res
25-2031	Secondary School Teachers, Except Special and Vocational Education	3,025	3,101	+Avg	Good	Bach	0	Int/res
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	1,718	1,981	Avg	Excl	Bach	0	Int/res
25-2053	Special Education Teachers, Middle School	298	344	+Avg	Good	Bach	0	Int/res
25-2054	Special Education Teachers, Secondary School	220	227	+Avg	Fair	Bach	0	Int/res

Occupation Projections by Occupational Group

SOC Code	Title of Occupation	2010 Est. Empl	2020 Proj. Empl.	Wage Cat.	Job Avail.	Educ.	Work Exp.	Job Training
25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	307	338	+Avg	Fair	Bach	0	Int/res
25-3021	Self-Enrichment Education Teachers	456	534	Avg	Good	HS	1-5	None
25-3999	Teachers and Instructors, All Other	1,046	1,149	Avg	Good	Bach	0	None
25-4011	Archivists	44	45	Avg	Poor	Bach	0	None
25-4012	Curators	51	59	+Avg	Fair	Mast	0	None
25-4013	Museum Technicians and Conservators	46	47	Avg	Poor	Bach	0	None
25-4021	Librarians	482	509	+Avg	Fair	Mast	0	None
25-4031	Library Technicians	265	288	-Avg	Fair	VocEd	0	None
25-9011	Audio-Visual Collections Specialists	34	36	-Avg	Poor	Bach	1-5	None
25-9031	Instructional Coordinators	421	485	+Avg	Good	Mast	5+	None
25-9041	Teacher Assistants	2,148	2,370	Low	Excl	HS	0	STOJT
25-9099	Education, Training, and Library Workers, All Other	149	154	Avg	Poor	Bach	0	None
<b>27-0000 Arts, Design, Entertainment, Sports, and Media Occupations</b>								
27-1011	Art Directors	60	65	High	Fair	Bach	1-5	None
27-1021	Commercial and Industrial Designers	24	22	+Avg	Poor	Bach	0	None
27-1023	Floral Designers	134	121	Low	Poor	HS	0	STOJT
27-1024	Graphic Designers	506	572	Avg	Good	Bach	0	None
27-1025	Interior Designers	119	139	Avg	Fair	Bach	0	None
27-1026	Merchandise Displayers and Window Trimmers	328	360	Low	Fair	HS	0	MOJT
27-1027	Set and Exhibit Designers	13	15	Avg	Poor	Bach	0	None
27-2023	Umpires, Referees, and Other Sports Officials	263	280	Low	Fair	HS	0	LTOJT
27-2041	Music Directors and Composers	27	27	High	Poor	Bach	1-5	None
27-3011	Radio and Television Announcers	43	54	Avg	Fair	Bach	0	None
27-3022	Reporters and Correspondents	77	72	-Avg	Poor	Bach	0	None
27-3031	Public Relations Specialists	946	1,092	+Avg	Excl	Bach	0	MOJT
27-3041	Editors	232	250	+Avg	Fair	Bach	1-5	None
27-3042	Technical Writers	114	135	+Avg	Fair	Bach	1-5	STOJT
27-3043	Writers and Authors	234	271	+Avg	Good	Bach	0	LTOJT
27-4011	Audio and Video Equipment Technicians	97	113	Avg	Fair	VocEd	0	MOJT
27-4012	Broadcast Technicians	35	44	Avg	Fair	Assoc	0	STOJT
27-4021	Photographers	220	237	-Avg	Fair	HS	0	LTOJT
<b>29-0000 Healthcare Practitioners and Technical Occupations</b>								
29-1011	Chiropractors	161	199	High	Good	PhD/prof	0	None
29-1021	Dentists, General	433	496	High	Good	PhD/prof	0	Int/res
29-1031	Dietitians and Nutritionists	156	187	+Avg	Fair	Bach	0	Int/res
29-1041	Optometrists	112	139	High	Fair	PhD/prof	0	None
29-1051	Pharmacists	645	773	High	Good	PhD/prof	0	None
29-1061	Anesthesiologists	125	148	High	Fair	PhD/prof	0	Int/res
29-1062	Family and General Practitioners	533	639	High	Good	PhD/prof	0	Int/res

SOC Code	Title of Occupation	2010 Est. Empl	2020 Proj. Empl.	Wage Cat.	Job Avail.	Educ.	Work Exp.	Job Training
29-1063	Internists, General	249	297	High	Good	PhD/prof	0	Int/res
29-1064	Obstetricians and Gynecologists	85	101	High	Fair	PhD/prof	0	Int/res
29-1065	Pediatricians, General	124	148	High	Fair	PhD/prof	0	Int/res
29-1066	Psychiatrists	100	116	High	Fair	PhD/prof	0	Int/res
29-1067	Surgeons	278	332	High	Good	PhD/prof	0	Int/res
29-1069	Physicians and Surgeons, All Other	1,199	1,406	High	Excl	PhD/prof	0	Int/res
29-1071	Physician Assistants	321	391	High	Good	Mast	0	None
29-1081	Podiatrists	97	114	High	Fair	PhD/prof	0	Int/res
29-1111	Registered Nurses	10,426	12,928	High	Excl	Assoc	0	None
29-1122	Occupational Therapists	356	441	High	Good	Mast	0	None
29-1123	Physical Therapists	631	841	High	Excl	PhD/prof	0	None
29-1124	Radiation Therapists	49	55	High	Fair	Assoc	0	None
29-1125	Recreational Therapists	65	74	-Avg	Fair	Bach	0	None
29-1126	Respiratory Therapists	399	514	+Avg	Good	Assoc	0	None
29-1127	Speech-Language Pathologists	380	465	High	Good	Mast	0	None
29-1128	Therapists, all other	102	147	Avg	Good	Mast	0	None
29-1131	Veterinarians	196	246	High	Good	PhD/prof	0	None
29-1181	Audiologists	28	34	+Avg	Fair	PhD/prof	0	None
29-1199	Health Diagnosing & Treating Practitioners, All Other	26	31	High	Poor	Mast	0	None
29-2011	Medical and Clinical Laboratory Technologists	403	421	+Avg	Fair	Bach	0	None
29-2012	Medical and Clinical Laboratory Technicians	308	347	Avg	Good	Assoc	0	None
29-2021	Dental Hygienists	572	720	High	Excl	Assoc	0	None
29-2031	Cardiovascular Technologists and Technicians	245	310	+Avg	Good	Assoc	0	None
29-2032	Diagnostic Medical Sonographers	207	287	+Avg	Good	Assoc	0	None
29-2033	Nuclear Medicine Technologists	97	112	High	Fair	Assoc	0	None
29-2037	Radiologic Technologists and Technicians	1,061	1,318	+Avg	Excl	Assoc	0	None
29-2041	Emergency Medical Technicians and Paramedics	947	1,168	-Avg	Excl	VocEd	0	None
29-2051	Dietetic Technicians	121	138	Low	Fair	HS	0	MOJT
29-2052	Pharmacy Technicians	1,160	1,483	Low	Excl	HS	0	MOJT
29-2055	Surgical Technologists	324	376	Avg	Good	VocEd	0	None
29-2056	Veterinary Technologists and Technicians	257	297	-Avg	Good	Assoc	0	None
29-2061	Licensed Practical and Licensed Vocational Nurses	2,341	2,818	Avg	Excl	VocEd	0	None
29-2071	Medical Records and Health Information Technicians	448	523	-Avg	Good	VocEd	0	None
29-2081	Opticians, Dispensing	267	303	-Avg	Good	HS	0	LTOJT
29-2799	Health Technologists and Technicians, All Other	241	294	Avg	Good	VocEd	0	STOJT
29-9011	Occupational Health and Safety Specialists	459	512	+Avg	Good	Bach	0	MOJT
29-9012	Occupational Health and Safety Technicians	14	17	Avg	Poor	HS	0	MOJT
29-9799	Healthcare Practitioners and Technical Workers, All Other, including genetic counselors	57	60	+Avg	Poor	Bach	0	None

Occupation Projections by Occupational Group

SOC Code	Title of Occupation	2010 Est. Empl	2020 Proj. Empl.	Wage Cat.	Job Avail.	Educ.	Work Exp.	Job Training
<b>31-0000 Healthcare Support Occupations</b>								
31-1011	Home Health Aides	2,108	2,722	Low	Excl	<HS	0	STOJT
31-1012	Nursing Aides, Orderlies, and Attendants	5,533	6,609	Low	Excl	VocEd	0	None
31-1013	Psychiatric Aides	104	122	-Avg	Fair	HS	0	STOJT
31-2011	Occupational Therapist Assistants	78	96	+Avg	Fair	Assoc	0	None
31-2021	Physical Therapist Assistants	161	210	+Avg	Good	Assoc	0	None
31-2022	Physical Therapist Aides	164	222	Low	Good	HS	0	MOJT
31-9011	Massage Therapists	185	248	+Avg	Good	VocEd	0	None
31-9091	Dental Assistants	765	914	-Avg	Excl	VocEd	0	None
31-9092	Medical Assistants	1,380	1,680	-Avg	Excl	HS	0	MOJT
31-9093	Medical Equipment Preparers	200	229	-Avg	Fair	HS	0	MOJT
31-9094	Medical Transcriptionists	181	173	-Avg	Poor	VocEd	0	None
31-9095	Pharmacy Aides	34	37	Low	Poor	HS	0	STOJT
31-9096	Veterinary Assistants & Laboratory Animal Caretakers	242	246	Low	Poor	HS	0	STOJT
31-9799	Healthcare Support Workers, All Other	287	314	-Avg	Fair	HS	0	STOJT
<b>33-0000 Protective Service Occupations</b>								
33-1012	First-Line Supervisors/Managers of Police and Detectives	276	286	High	Fair	HS	1-5	MOJT
33-1099	First-Line Supervisors/Managers, Protective Service Workers, All Other	325	356	Avg	Fair	HS	1-5	None
33-2011	Fire Fighters	379	411	Avg	Fair	VocEd	0	LTOJT
33-2021	Fire Inspectors and Investigators	88	96	Avg	Fair	HS	5+	MOJT
33-3041	Parking Enforcement Workers	33	35	-Avg	Poor	HS	0	STOJT
33-3051	Police and Sheriff's Patrol Officers	1,628	1,749	+Avg	Good	HS	0	MOJT
33-9011	Animal Control Workers	242	317	-Avg	Good	HS	0	MOJT
33-9021	Private Detectives and Investigators	39	45	+Avg	Fair	HS	1-5	MOJT
33-9031	Gaming Surveillance Officers and Gaming Investigators	57	64	Low	Fair	HS	0	STOJT
33-9032	Security Guards	3,288	3,800	Low	Excl	HS	0	STOJT
33-9091	Crossing Guards	309	318	Low	Fair	HS	0	STOJT
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	782	883	Low	Good	HS	0	STOJT
33-9099	Protective Service Workers, All Other	200	225	Low	Fair	HS	0	STOJT
<b>35-0000 Food Preparation and Serving-Related Occupations</b>								
35-1011	Chefs and Head Cooks	165	169	Avg	Poor	HS	1-5	None
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	2,821	3,108	-Avg	Excl	HS	1-5	None
35-2011	Cooks, Fast Food	836	809	Low	Poor	<HS	0	STOJT
35-2012	Cooks, Institution and Cafeteria	2,228	2,188	Low	Poor	<HS	0	STOJT
35-2014	Cooks, Restaurant	3,975	4,503	Low	Excl	<HS	<1	MOJT
35-2015	Cooks, Short Order	132	138	Low	Poor	<HS	0	STOJT

SOC Code	Title of Occupation	2010 Est. Empl	2020 Proj. Empl.	Wage Cat.	Job Avail.	Educ.	Work Exp.	Job Training
35-2021	Food Preparation Workers	1,662	1,866	Low	Excl	<HS	0	STOJT
35-3011	Bartenders	1,770	1,925	Low	Excl	<HS	0	STOJT
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	9,574	11,022	Low	Excl	<HS	0	STOJT
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	1,530	1,654	Low	Good	<HS	0	STOJT
35-3031	Waiters and Waitresses	7,285	7,959	Low	Excl	<HS	0	STOJT
35-3041	Food Servers, Nonrestaurant	451	504	Low	Good	<HS	0	STOJT
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	1,005	1,120	Low	Good	<HS	0	STOJT
35-9021	Dishwashers	1,670	1,783	Low	Good	<HS	0	STOJT
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	1,331	1,392	Low	Good	<HS	0	None
35-9099	Food Preparation / Serving Related Workers, All Other	104	93	Low	Poor	<HS	0	STOJT
<b>37-0000 Building and Grounds Cleaning and Maintenance Occupations</b>								
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	503	500	-Avg	Poor	HS	1-5	None
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers	440	538	+Avg	Good	HS	1-5	None
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	7,912	8,604	Low	Excl	<HS	0	STOJT
37-2012	Maids and Housekeeping Cleaners	2,708	2,962	Low	Excl	<HS	0	STOJT
37-2021	Pest Control Workers	180	221	-Avg	Good	HS	0	MOJT
37-3011	Landscaping and Groundskeeping Workers	3,212	3,956	Low	Excl	<HS	0	STOJT
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	161	173	-Avg	Fair	HS	0	MOJT
37-3019	Grounds Maintenance Workers, All Other	22	23	+Avg	Poor	<HS	0	STOJT
<b>39-0000 Personal Care and Service Occupations</b>								
39-1011	Gaming Supervisors	17	20	+Avg	Poor	HS	1-5	None
39-1012	Slot Key Persons	27	24	-Avg	Poor	HS	1-5	None
39-1021	First-Line Supervisors/Managers of Personal Service Workers	1,052	1,171	-Avg	Good	HS	1-5	None
39-2011	Animal Trainers	155	168	Avg	Fair	HS	0	MOJT
39-2021	Nonfarm Animal Caretakers	871	965	Low	Good	<HS	0	STOJT
39-3012	Gaming and Sports Book Writers and Runners	123	138	-Avg	Fair	HS	0	STOJT
39-3031	Ushers, Lobby Attendants, and Ticket Takers	274	275	Low	Poor	<HS	0	STOJT
39-3091	Amusement and Recreation Attendants	721	815	Low	Good	<HS	0	STOJT
39-3092	Costume Attendants	12	12	Low	Poor	HS	0	STOJT
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	15	16	Low	Poor	HS	0	STOJT
39-3099	Entertainment Attendants and Related Workers, All Other	58	63	Low	Fair	HS	0	STOJT
39-4021	Funeral Attendants	149	166	-Avg	Fair	HS	0	STOJT

Occupation Projections by Occupational Group

SOC Code	Title of Occupation	2010 Est. Empl	2020 Proj. Empl.	Wage Cat.	Job Avail.	Educ.	Work Exp.	Job Training
39-4831	Funeral Service Managers, Directors, Morticians, and Undertakers	111	136	High	Fair	Assoc	0	App
39-5012	Hairdressers, Hairstylists, and Cosmetologists	2,012	2,527	-Avg	Excl	VocEd	0	None
39-5092	Manicurists and Pedicurists	271	353	Low	Good	VocEd	0	None
39-5093	Shampooers	416	403	Low	Poor	<HS	0	STOJT
39-9011	Child Care Workers	2,418	2,806	Low	Excl	HS	0	STOJT
39-9021	Personal and Home Care Aides	583	713	Low	Good	<HS	0	STOJT
39-9031	Fitness Trainers and Aerobics Instructors	2,238	2,542	-Avg	Excl	HS	0	STOJT
39-9032	Recreation Workers	936	1,093	Low	Excl	Bach	0	None
39-9041	Residential Advisors	65	80	Low	Fair	HS	<1	STOJT
<b>41-0000 Sales and Related Occupations</b>								
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	5,036	5,362	Avg	Excl	HS	1-5	None
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	863	889	High	Fair	HS	5+	None
41-2011	Cashiers	12,168	13,068	Low	Excl	<HS	0	STOJT
41-2021	Counter and Rental Clerks	1,393	1,537	Low	Good	<HS	0	STOJT
41-2022	Parts Salespersons	724	808	Low	Good	<HS	0	MOJT
41-2031	Retail Salespersons	15,169	16,909	Low	Excl	<HS	0	STOJT
41-3011	Advertising Sales Agents	235	264	+Avg	Fair	HS	0	MOJT
41-3021	Insurance Sales Agents	1,231	1,596	+Avg	Excl	HS	0	MOJT
41-3041	Travel Agents	159	171	-Avg	Fair	HS	0	MOJT
41-3099	Sales Representatives, Services, All Other	2,404	2,878	+Avg	Excl	HS	0	STOJT
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	1,674	1,972	High	Excl	Bach	0	MOJT
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	2,608	2,954	+Avg	Excl	HS	0	MOJT
41-9011	Demonstrators and Product Promoters	289	330	Low	Good	HS	0	STOJT
41-9021	Real Estate Brokers	102	114	High	Fair	HS	1-5	None
41-9022	Real Estate Sales Agents	1,380	1,756	+Avg	Excl	HS	0	LTOJT
41-9031	Sales Engineers	76	84	High	Fair	Bach	0	MOJT
41-9041	Telemarketers	410	416	Low	Fair	<HS	0	STOJT
41-9799	Sales and Related Workers, All Other	480	565	Avg	Good	HS	0	MOJT
<b>43-0000 Office and Administrative Support Occupations</b>								
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	4,797	5,213	+Avg	Excl	HS	1-5	None
43-2011	Switchboard Operators, Including Answering Service	319	245	Low	Poor	HS	0	STOJT
43-2021	Telephone Operators	68	60	Low	Poor	HS	0	STOJT
43-3011	Bill and Account Collectors	1,904	2,003	-Avg	Good	HS	0	MOJT
43-3021	Billing and Posting Clerks and Machine Operators	2,129	2,410	-Avg	Excl	HS	0	STOJT
43-3031	Bookkeeping, Accounting, and Auditing Clerks	6,105	6,675	-Avg	Excl	HS	0	MOJT

SOC Code	Title of Occupation	2010 Est. Empl	2020 Proj. Empl.	Wage Cat.	Job Avail.	Educ.	Work Exp.	Job Training
43-3051	Payroll and Timekeeping Clerks	386	440	-Avg	Good	HS	0	MOJT
43-3061	Procurement Clerks	247	252	-Avg	Poor	HS	0	MOJT
43-3071	Tellers	1,858	1,750	Low	Poor	HS	0	STOJT
43-4011	Brokerage Clerks	152	147	Avg	Poor	HS	0	MOJT
43-4031	Court, Municipal, and License Clerks	705	745	-Avg	Good	HS	0	MOJT
43-4041	Credit Authorizers, Checkers, and Clerks	870	843	Avg	Poor	HS	0	STOJT
43-4051	Customer Service Representatives	7,623	8,447	Avg	Excl	HS	0	STOJT
43-4071	File Clerks	726	642	Low	Poor	HS	0	STOJT
43-4081	Hotel, Motel, and Resort Desk Clerks	727	782	Low	Good	HS	0	STOJT
43-4111	Interviewers, Except Eligibility and Loan	587	668	-Avg	Good	HS	0	STOJT
43-4121	Library Assistants, Clerical	294	324	Low	Fair	HS	0	STOJT
43-4131	Loan Interviewers and Clerks	1,060	932	-Avg	Poor	HS	0	STOJT
43-4141	New Accounts Clerks	333	319	-Avg	Poor	HS	0	STOJT
43-4151	Order Clerks	509	551	-Avg	Good	HS	0	STOJT
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	401	419	-Avg	Fair	HS	0	STOJT
43-4171	Receptionists and Information Clerks	3,265	3,840	Low	Excl	HS	0	STOJT
43-4199	Information and Record Clerks, All Other	315	317	Avg	Poor	HS	0	STOJT
43-5011	Cargo and Freight Agents	32	37	Avg	Poor	HS	0	STOJT
43-5021	Couriers and Messengers	199	192	Low	Poor	HS	0	STOJT
43-5031	Police, Fire, and Ambulance Dispatchers	200	219	Avg	Fair	HS	0	MOJT
43-5032	Dispatchers, Except Police, Fire, and Ambulance	842	1,110	Avg	Excl	HS	0	MOJT
43-5041	Meter Readers, Utilities	136	129	Avg	Poor	HS	0	STOJT
43-5051	Postal Service Clerks	222	137	+Avg	Poor	HS	0	STOJT
43-5052	Postal Service Mail Carriers	992	1,047	Avg	Good	HS	0	STOJT
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	444	274	Avg	Poor	HS	0	STOJT
43-5061	Production, Planning, and Expediting Clerks	740	788	Avg	Good	HS	0	MOJT
43-5071	Shipping, Receiving, and Traffic Clerks	1,639	1,612	-Avg	Poor	HS	0	STOJT
43-5081	Stock Clerks and Order Fillers	4,573	4,413	Low	Poor	<HS	0	STOJT
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	182	207	Low	Fair	HS	0	STOJT
43-6011	Executive Secretaries and Administrative Assistants	2,614	2,682	Avg	Good	HS	1-5	None
43-6012	Legal Secretaries	1,132	1,078	+Avg	Poor	HS	0	MOJT
43-6013	Medical Secretaries	4,267	5,453	-Avg	Excl	HS	0	MOJT
43-6014	Secretaries, Except Legal, Medical, and Executive	5,793	5,729	-Avg	Poor	HS	0	STOJT
43-9011	Computer Operators	552	517	Avg	Poor	HS	0	MOJT
43-9021	Data Entry Keyers	1,071	930	Low	Poor	HS	0	MOJT
43-9022	Word Processors and Typists	253	218	-Avg	Poor	HS	0	STOJT
43-9031	Desktop Publishers	58	52	-Avg	Poor	Assoc	0	STOJT
43-9041	Insurance Claims and Policy Processing Clerks	827	922	-Avg	Good	HS	0	MOJT

Occupation Projections by Occupational Group

SOC Code	Title of Occupation	2010 Est. Empl	2020 Proj. Empl.	Wage Cat.	Job Avail.	Educ.	Work Exp.	Job Training
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	417	467	Low	Good	HS	0	STOJT
43-9061	Office Clerks, General	9,558	10,618	Low	Excl	HS	0	STOJT
43-9071	Office Machine Operators, Except Computer	310	266	Low	Poor	HS	0	STOJT
43-9081	Proofreaders and Copy Markers	19	20	-Avg	Poor	Bach	0	MOJT
43-9111	Statistical Assistants	22	24	Avg	Poor	Bach	0	None
43-9799	Office and Administrative Support Workers, All Other	510	585	-Avg	Good	HS	0	STOJT
<b>45-0000 Farming, Fishing, and Forestry Occupations</b>								
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	172	172	Avg	Poor	HS	1-5	None
45-2021	Animal Breeders	14	13	NA	Poor	HS	1-5	STOJT
45-2091	Agricultural Equipment Operators	210	211	-Avg	Poor	<HS	<1	STOJT
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	1,878	1,871	Low	Poor	<HS	0	STOJT
45-2093	Farmworkers, Farm and Ranch Animals	462	483	Low	Fair	<HS	0	STOJT
<b>47-0000 Construction and Extraction Occupations</b>								
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	1,984	2,537	+Avg	Excl	HS	5+	None
47-2011	Boilermakers	34	36	+Avg	Poor	HS	0	App
47-2021	Brickmasons and Blockmasons	310	364	Avg	Good	HS	0	App
47-2022	Stonemasons	27	39	Avg	Fair	HS	0	App
47-2031	Carpenters	2,414	3,106	Avg	Excl	HS	0	App
47-2051	Cement Masons and Concrete Finishers	327	422	Avg	Good	<HS	0	MOJT
47-2061	Construction Laborers	2,599	3,119	-Avg	Excl	<HS	0	STOJT
47-2071	Paving, Surfacing, and Tamping Equipment Operators	213	260	Avg	Good	HS	0	MOJT
47-2072	Pile-Driver Operators	12	16	-Avg	Poor	HS	0	MOJT
47-2073	Operating Engineers and Other Construction Equipment Operators	1,222	1,407	Avg	Excl	HS	0	MOJT
47-2081	Drywall and Ceiling Tile Installers	272	337	Avg	Good	<HS	0	MOJT
47-2111	Electricians	1,700	1,990	Avg	Excl	HS	0	App
47-2132	Insulation Workers, Mechanical	334	417	Avg	Good	HS	0	App
47-2141	Painters, Construction and Maintenance	953	1,137	-Avg	Excl	<HS	0	MOJT
47-2151	Pipelayers	148	182	-Avg	Fair	HS	0	STOJT
47-2152	Plumbers, Pipefitters, and Steamfitters	1,615	2,007	Avg	Excl	HS	0	App
47-2181	Roofers	232	261	Avg	Fair	<HS	0	MOJT
47-2211	Sheet Metal Workers	563	641	Avg	Good	HS	0	App
47-2221	Structural Iron and Steel Workers	230	269	Avg	Good	HS	0	App
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	60	76	-Avg	Fair	<HS	0	STOJT
47-3012	Helpers--Carpenters	164	224	Low	Good	<HS	0	STOJT
47-3013	Helpers--Electricians	135	163	-Avg	Fair	HS	0	STOJT

SOC Code	Title of Occupation	2010 Est. Empl	2020 Proj. Empl.	Wage Cat.	Job Avail.	Educ.	Work Exp.	Job Training
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	134	190	Low	Good	HS	0	STOJT
47-3019	Helpers, Construction Trades, All Other	102	124	Low	Fair	<HS	0	STOJT
47-4011	Construction and Building Inspectors	426	498	Avg	Good	HS	5+	MOJT
47-4041	Hazardous Materials Removal Workers	133	153	-Avg	Fair	HS	0	MOJT
47-4051	Highway Maintenance Workers	28	32	-Avg	Poor	HS	0	MOJT
47-4061	Rail-Track Laying and Maintenance Equipment Operators	77	78	Avg	Poor	HS	0	MOJT
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	64	78	-Avg	Fair	<HS	0	MOJT
47-4799	Construction and Related Workers, All Other	48	54	-Avg	Poor	HS	0	MOJT
47-5021	Earth Drillers, Except Oil and Gas	42	48	Avg	Fair	HS	0	MOJT
<b>49-0000 Installation, Maintenance, and Repair Occupations</b>								
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	1,239	1,338	+Avg	Good	HS	1-5	None
49-2011	Computer, Automated Teller, and Office Machine Repairers	264	262	-Avg	Poor	VocEd	0	None
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	451	542	+Avg	Good	VocEd	0	MOJT
49-2092	Electric Motor, Power Tool, and Related Repairers	11	12	Avg	Poor	VocEd	0	LTOJT
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	324	355	+Avg	Fair	VocEd	0	LTOJT
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	270	284	High	Fair	VocEd	0	LTOJT
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	33	32	-Avg	Poor	VocEd	0	STOJT
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	155	162	-Avg	Poor	VocEd	0	None
49-2098	Security and Fire Alarm Systems Installers	224	286	+Avg	Good	HS	0	MOJT
49-3011	Aircraft Mechanics and Service Technicians	301	308	+Avg	Fair	VocEd	0	None
49-3021	Automotive Body and Related Repairers	331	354	Avg	Fair	HS	0	MOJT
49-3023	Automotive Service Technicians and Mechanics	2,262	2,462	Avg	Excl	HS	0	LTOJT
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	454	507	Avg	Good	HS	0	LTOJT
49-3041	Farm Equipment Mechanics	76	92	-Avg	Fair	HS	0	LTOJT
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	502	584	Avg	Good	HS	0	LTOJT
49-3051	Motorboat Mechanics	88	102	-Avg	Fair	HS	0	LTOJT
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	92	107	-Avg	Fair	HS	0	MOJT
49-3093	Tire Repairers and Changers	247	273	Low	Fair	HS	0	MOJT
49-9011	Mechanical Door Repairers	33	39	-Avg	Fair	HS	0	MOJT
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	127	120	+Avg	Poor	HS	0	MOJT

Occupation Projections by Occupational Group

SOC Code	Title of Occupation	2010 Est. Empl	2020 Proj. Empl.	Wage Cat.	Job Avail.	Educ.	Work Exp.	Job Training
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	1,075	1,414	Avg	Excl	VocEd	0	LTOJT
49-9031	Home Appliance Repairers	153	139	-Avg	Poor	HS	0	MOJT
49-9041	Industrial Machinery Mechanics	695	784	+Avg	Good	HS	0	LTOJT
49-9044	Millwrights	122	125	Avg	Poor	HS	0	LTOJT
49-9051	Electrical Power-Line Installers and Repairers	286	287	+Avg	Poor	HS	0	LTOJT
49-9052	Telecommunications Line Installers and Repairers	1,361	1,559	+Avg	Excl	HS	0	LTOJT
49-9062	Medical Equipment Repairers	120	148	Avg	Fair	Assoc	0	MOJT
49-9069	Precision Instrument and Equipment Repairers, All Other	64	65	+Avg	Poor	Assoc	0	LTOJT
49-9071	Maintenance and Repair Workers, General	3,346	3,686	-Avg	Excl	HS	0	MOJT
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	174	219	-Avg	Good	HS	0	STOJT
49-9098	Helpers--Installation, Maintenance, and Repair Workers	385	437	Low	Good	HS	0	MOJT
49-9799	Installation, Maintenance, and Repair Workers, All Other	391	421	Avg	Fair	HS	0	MOJT
<b>51-0000 Production Occupations</b>								
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	1,417	1,493	+Avg	Good	VocEd	1-5	None
51-2041	Structural Metal Fabricators and Fitters	208	243	Avg	Good	HS	0	MOJT
51-2092	Team Assemblers	872	926	Low	Good	HS	0	MOJT
51-3011	Bakers	294	292	Low	Poor	<HS	0	LTOJT
51-3021	Butchers and Meat Cutters	191	208	-Avg	Fair	<HS	0	LTOJT
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	4,879	5,278	Low	Excl	<HS	0	STOJT
51-3092	Food Batchmakers	35	34	Low	Poor	HS	<1	STOJT
51-3093	Food Cooking Machine Operators and Tenders	53	52	Low	Poor	HS	<1	STOJT
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	97	112	-Avg	Fair	HS	0	MOJT
51-4012	Numerical Tool and Process Control Programmers	15	16	Avg	Poor	HS	0	MOJT
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	355	467	-Avg	Good	HS	0	MOJT
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	234	219	-Avg	Poor	HS	0	MOJT
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	40	35	Low	Poor	HS	0	MOJT
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	73	80	-Avg	Fair	HS	0	MOJT
51-4041	Machinists	475	542	Avg	Good	HS	0	LTOJT
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	87	92	-Avg	Poor	HS	0	MOJT
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	170	195	-Avg	Fair	HS	0	MOJT

SOC Code	Title of Occupation	2010 Est. Empl	2020 Proj. Empl.	Wage Cat.	Job Avail.	Educ.	Work Exp.	Job Training
51-4121	Welders, Cutters, Solderers, and Brazers	501	627	Avg	Good	HS	<1	MOJT
51-5111	Prepress Technicians and Workers	64	53	Avg	Poor	VocEd	0	None
51-5112	Printing Press Operators and Job Printers	274	263	Avg	Poor	HS	0	MOJT
51-5113	Print Binding and Finishing Workers	83	76	-Avg	Poor	HS	0	STOJT
51-6011	Laundry and Dry-Cleaning Workers	873	880	Low	Fair	<HS	0	STOJT
51-6031	Sewing Machine Operators	133	125	Low	Poor	<HS	0	STOJT
51-6041	Shoe and Leather Workers and Repairers	29	29	Avg	Poor	HS	0	MOJT
51-6093	Upholsterers	81	81	-Avg	Poor	HS	0	MOJT
51-7011	Cabinetmakers and Bench Carpenters	324	307	-Avg	Poor	HS	0	MOJT
51-7021	Furniture Finishers	27	35	-Avg	Fair	HS	0	STOJT
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	42	38	Low	Poor	HS	0	STOJT
51-8013	Power Plant Operators	166	158	High	Poor	HS	0	LTOJT
51-8021	Stationary Engineers and Boiler Operators	63	65	+Avg	Poor	HS	0	LTOJT
51-8031	Water and Liquid Waste Treatment Plant and System Operators	324	388	Avg	Good	HS	0	LTOJT
51-8091	Chemical Plant and System Operators	111	94	+Avg	Poor	HS	0	LTOJT
51-8092	Gas Plant Operators	20	18	+Avg	Poor	HS	0	LTOJT
51-9011	Chemical Equipment Operators and Tenders	514	459	+Avg	Poor	HS	0	MOJT
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	126	129	-Avg	Poor	HS	0	MOJT
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	107	117	Low	Fair	HS	0	MOJT
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	144	211	Avg	Good	HS	0	MOJT
51-9031	Cutters and Trimmers, Hand	18	17	-Avg	Poor	<HS	0	STOJT
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	165	151	-Avg	Poor	HS	0	STOJT
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	245	206	-Avg	Poor	HS	0	MOJT
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	25	25	Avg	Poor	HS	0	MOJT
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	1,129	1,284	-Avg	Excl	HS	0	MOJT
51-9082	Medical Appliance Technicians	49	50	-Avg	Poor	HS	0	LTOJT
51-9083	Ophthalmic Laboratory Technicians	17	20	-Avg	Poor	HS	0	MOJT
51-9111	Packaging and Filling Machine Operators and Tenders	1,269	1,363	-Avg	Good	HS	0	MOJT
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	31	34	Avg	Poor	HS	0	MOJT
51-9122	Painters, Transportation Equipment	139	147	Avg	Fair	HS	0	MOJT
51-9191	Cementing and Gluing Machine Operators and Tenders	33	29	Low	Poor	HS	0	MOJT
51-9196	Paper Goods Machine Setters, Operators, and Tenders	46	39	-Avg	Poor	HS	0	MOJT
51-9198	Helpers--Production Workers	763	869	Low	Good	<HS	0	STOJT
51-9399	Production Workers, All Other	173	173	Low	Poor	HS	0	MOJT

*Occupation Projections by Occupational Group*

SOC Code	Title of Occupation	2010 Est. Empl	2020 Proj. Empl.	Wage Cat.	Job Avail.	Educ.	Work Exp.	Job Training
<b>53-0000 Transportation and Material Moving Occupations</b>								
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	468	570	Avg	Good	HS	1-5	None
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle Operators	549	607	+Avg	Good	HS	1-5	None
53-2012	Commercial Pilots	93	126	High	Fair	VocEd	0	None
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	123	155	Low	Fair	HS	0	MOJT
53-3021	Bus Drivers, Transit and Intercity	150	160	Low	Fair	HS	0	MOJT
53-3022	Bus Drivers, School	1,675	1,895	Low	Excl	HS	0	MOJT
53-3031	Driver/Sales Workers	1,296	1,419	Low	Good	HS	0	STOJT
53-3032	Truck Drivers, Heavy and Tractor-Trailer	3,781	4,473	Avg	Excl	HS	1-5	STOJT
53-3033	Truck Drivers, Light or Delivery Services	2,639	2,822	-Avg	Excl	HS	0	STOJT
53-3041	Taxi Drivers and Chauffeurs	628	707	Low	Good	<HS	0	STOJT
53-3099	Motor Vehicle Operators, All Other	391	425	Low	Good	HS	0	STOJT
53-5011	Sailors and Marine Oilers	20	22	-Avg	Poor	<HS	0	STOJT
53-5021	Captains, Mates, and Pilots of Water Vessels	33	37	High	Poor	Bach	0	None
53-6021	Parking Lot Attendants	407	412	Low	Poor	<HS	0	STOJT
53-6031	Service Station Attendants	93	104	Low	Fair	<HS	0	STOJT
53-6051	Transportation Inspectors	117	136	Avg	Fair	HS	0	STOJT
53-6099	Transportation Workers, All Other	38	47	Low	Fair	HS	0	STOJT
53-7011	Conveyor Operators and Tenders	13	15	-Avg	Poor	<HS	0	STOJT
53-7021	Crane and Tower Operators	131	139	+Avg	Fair	<HS	1-5	LTOJT
53-7032	Excavating and Loading Machine and Dragline Operators	261	318	Avg	Good	<HS	1-5	MOJT
53-7051	Industrial Truck and Tractor Operators	984	1,079	-Avg	Good	<HS	<1	STOJT
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	5,479	6,136	Low	Excl	<HS	0	STOJT
53-7064	Packers and Packagers, Hand	1,607	1,725	Low	Good	<HS	0	STOJT
53-7081	Refuse and Recyclable Material Collectors	496	614	-Avg	Good	<HS	0	STOJT
53-7121	Tank Car, Truck, and Ship Loaders	433	431	+Avg	Poor	<HS	0	STOJT

# 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 2010 to 2020, 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 2010 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.

The *Marketing, Sales & Service* cluster is expected to generate the most job openings, more than 22,700, while the *Government and Public Administration* cluster is expected to generate the fewest, at just over 900. This is not to say that government as an employer will grow the slowest (total government employment is actually expected to grow at the same pace as the overall

average); the great majority of jobs in government are to be found in other career clusters (for example, public school teachers are in the Education and Training cluster, while computer programmers who work for a government agency would be found in the Information Technology cluster).

*Information Technology* is the highest-paying cluster; its occupations paid an average wage of \$80,562 in 2010. *Hospitality and Tourism* had the lowest average wage; this cluster's occupations paid an average \$23,349 in 2010. Averages for all 16 career clusters can be found in the table below, along with their ranking among the 16 clusters.

## Wages, Projected Openings, and Growth by Career Cluster, 2010–2020

Career Cluster	Average Wage 2010	Rank	Total Openings	Rank	Percent Total Openings	New Jobs	Ann. Pct. Growth
Agriculture, Food, & Natural Resources	\$28,426	15th	5,567	10th	3.8%	1,585	3.3%
Architecture & Construction	\$48,244	10th	11,212	5th	7.7%	5,458	11.4%
Arts, A/V Technology & Communications	\$51,886	8th	1,900	15th	1.3%	666	1.4%
Business Management & Administration	\$53,227	7th	17,771	3rd	12.2%	5,012	10.5%
Education & Training	\$49,107	9th	7,511	7th	5.2%	2,277	4.8%
Finance	\$55,595	5th	6,729	8th	4.6%	1,899	4.0%
Government & Public Administration	\$54,207	6th	916	16th	0.6%	343	0.7%
Health Science	\$61,231	4th	17,264	4th	11.9%	9,645	20.2%
Hospitality & Tourism	\$23,349	16th	21,661	2nd	14.9%	5,153	10.8%
Human Services	\$30,926	14th	5,834	9th	4.0%	2,500	5.2%
Information Technology	\$80,562	1st	3,974	13th	2.7%	1,466	3.1%
Law, Public Safety & Security	\$65,020	3rd	4,575	11th	3.1%	1,261	2.6%
Manufacturing	\$46,145	11th	4,304	12th	3.0%	1,267	2.7%
Marketing, Sales & Service	\$38,865	12th	22,708	1st	15.6%	5,267	11.0%
Science, Technology, Engineering & Mathematics	\$78,735	2nd	2,549	14th	1.8%	494	1.0%
Transportation, Distribution & Logistics	\$37,353	13th	11,041	6th	7.6%	3,483	7.3%

**Table 2: Occupation Projections by Career Cluster**

SOC Code	Title of Occupation	Average Annual Growth Rate	Average Annual Openings due to Growth	Average Annual Openings due to Replacements	2010 Average Annual Wages
<b>Agriculture, Food and Natural Resources</b>					
45-2091	Agricultural Equipment Operators	0.0%	0	6	\$29,765
45-2021	Animal Breeders	-0.7%	0	0	NA
39-2011	Animal Trainers	0.8%	1	2	\$40,269
19-1029	Biological Scientists, All Other	0.4%	0	1	\$66,331
51-3021	Butchers and Meat Cutters	0.9%	2	6	\$33,779
19-1031	Conservation Scientists	0.3%	0	0	\$63,794
17-3025	Environmental Engineering Technicians	1.5%	1	1	\$53,498
17-2081	Environmental Engineers	0.7%	1	3	\$76,606
49-3041	Farm Equipment Mechanics	1.9%	2	2	\$34,570
11-9013	Farmers, Ranchers, and Other Agricultural Managers	-0.7%	0	50	NA
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	0.0%	0	57	\$26,416
45-2093	Farmworkers, Farm and Ranch Animals	0.4%	2	14	\$23,650
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	0.0%	0	5	\$50,066
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers	2.0%	10	6	\$51,376
19-1032	Foresters	0.0%	0	0	\$50,523
37-3019	Grounds Maintenance Workers, All Other	0.4%	0	0	\$51,189
37-3011	Landscaping and Groundskeeping Workers	2.1%	75	57	\$24,960
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	0.8%	40	142	\$22,776
39-2021	Nonfarm Animal Caretakers	1.0%	9	19	\$23,982
37-2021	Pest Control Workers	2.1%	4	8	\$34,653
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	0.7%	1	3	\$36,982
19-1013	Soil and Plant Scientists	1.4%	1	3	\$51,750
29-1131	Veterinarians	2.3%	5	4	\$112,070
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	0.2%	0	4	\$24,294
29-2056	Veterinary Technologists and Technicians	1.5%	4	4	\$29,640
19-1023	Zoologists and Wildlife Biologists	-0.8%	0	0	\$83,866
<b>Architecture and Construction</b>					
17-1011	Architects, Except Landscape and Naval	1.8%	2	2	\$80,413
17-3011	Architectural and Civil Drafters	-0.3%	0	6	\$51,210
47-2011	Boilermakers	0.6%	0	1	\$57,200
47-2021	Brickmasons and Blockmasons	1.6%	6	6	\$45,739
47-2031	Carpenters	2.6%	69	51	\$43,285

SOC Code	Title of Occupation	Average Annual Growth Rate	Average Annual Openings due to Growth	Average Annual Openings due to Replacements	2010 Average Annual Wages
47-2051	Cement Masons and Concrete Finishers	2.6%	10	5	\$41,746
17-2051	Civil Engineers	1.2%	13	21	\$76,773
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	2.3%	4	3	\$36,338
47-4011	Construction and Building Inspectors	1.6%	7	12	\$47,424
47-4799	Construction and Related Workers, All Other	1.2%	0	2	\$38,085
47-2061	Construction Laborers	1.8%	52	21	\$30,680
11-9021	Construction Managers	2.4%	31	8	\$103,834
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	-0.6%	0	2	\$57,346
13-1051	Cost Estimators	2.9%	24	14	\$63,086
53-7021	Crane and Tower Operators	0.6%	1	4	\$51,043
17-3019	Drafters, All Other	0.0%	0	0	\$52,478
47-2081	Drywall and Ceiling Tile Installers	2.2%	6	8	\$44,866
47-5021	Earth Drillers, Except Oil and Gas	1.3%	1	1	\$43,160
17-3012	Electrical and Electronics Drafters	1.1%	2	3	\$57,179
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	0.5%	2	7	\$68,307
49-9051	Electrical Power-Line Installers and Repairers	0.0%	0	10	\$62,899
47-2111	Electricians	1.6%	29	46	\$48,381
53-7032	Excavating and Loading Machine and Dragline Operators	2.0%	6	8	\$46,509
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	2.5%	55	46	\$65,291
47-4041	Hazardous Materials Removal Workers	1.4%	2	4	\$38,438
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	2.8%	34	19	\$46,509
47-3019	Helpers, Construction Trades, All Other	2.0%	2	3	\$27,789
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	2.4%	2	2	\$32,594
47-3012	Helpers--Carpenters	3.2%	6	4	\$27,830
47-3013	Helpers--Electricians	1.9%	3	4	\$29,370
49-9098	Helpers--Installation, Maintenance, and Repair Workers	1.3%	5	18	\$27,352
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	3.6%	6	4	\$26,187
47-4051	Highway Maintenance Workers	1.3%	0	1	\$30,098
49-9031	Home Appliance Repairers	-1.0%	0	3	\$34,299
49-9799	Installation, Maintenance, and Repair Workers, All Other	0.7%	3	7	\$39,603
47-2132	Insulation Workers, Mechanical	2.2%	8	13	\$45,094
17-1012	Landscape Architects	1.1%	1	2	\$51,626
49-9071	Maintenance and Repair Workers, General	1.0%	34	62	\$36,587
49-9011	Mechanical Door Repairers	1.7%	1	1	\$36,941
17-3013	Mechanical Drafters	1.9%	5	4	\$60,757

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	2010 Average Annual Wages
47-2073	Operating Engineers and Other Construction Equipment Operators	1.4%	18	28	\$41,038
47-2141	Painters, Construction and Maintenance	1.8%	18	21	\$34,715
47-2071	Paving, Surfacing, and Tamping Equipment Operators	2.0%	5	4	\$39,894
47-2072	Pile-Driver Operators	2.9%	0	0	\$36,234
47-2151	Pipelayers	2.1%	3	4	\$38,126
47-2152	Plumbers, Pipefitters, and Steamfitters	2.2%	39	47	\$49,483
47-4061	Rail-Track Laying and Maintenance Equipment Operators	0.1%	0	2	\$47,819
47-2181	Roofers	1.2%	3	5	\$38,750
49-2098	Security and Fire Alarm Systems Installers	2.5%	6	6	\$53,643
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	2.0%	2	2	\$37,898
47-2211	Sheet Metal Workers	1.3%	8	10	\$48,984
47-2022	Stonemasons	3.7%	1	1	\$43,618
47-2221	Structural Iron and Steel Workers	1.6%	4	5	\$42,723
51-2041	Structural Metal Fabricators and Fitters	1.6%	4	4	\$42,016
17-1022	Surveyors	1.6%	2	3	\$70,845
<b>Arts, Audio/Visual and Communications</b>					
25-4011	Archivists	0.2%	0	1	\$42,682
27-1011	Art Directors	0.8%	1	1	\$83,179
27-4011	Audio and Video Equipment Technicians	1.5%	2	3	\$44,866
25-9011	Audio-Visual Collections Specialists	0.6%	0	1	\$37,149
27-4012	Broadcast Technicians	2.3%	1	1	\$46,571
27-1021	Commercial and Industrial Designers	-0.9%	0	1	\$62,442
23-2091	Court Reporters	1.6%	1	1	\$53,040
25-4012	Curators	1.5%	1	2	\$52,166
43-9031	Desktop Publishers	-1.1%	0	1	\$36,525
27-3041	Editors	0.8%	2	7	\$61,672
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	0.4%	0	4	\$32,926
27-1024	Graphic Designers	1.2%	7	16	\$48,402
25-4013	Museum Technicians and Conservators	0.2%	0	1	\$39,499
27-2041	Music Directors and Composers	0.0%	0	1	\$81,578
27-4021	Photographers	0.7%	2	2	\$32,843
51-5111	Prepress Technicians and Workers	-1.9%	0	2	\$41,018
51-5113	Print Binding and Finishing Workers	-0.9%	0	3	\$32,178
51-5112	Printing Press Operators and Job Printers	-0.4%	0	5	\$43,014
27-3031	Public Relations Specialists	1.4%	15	25	\$58,968
27-3011	Radio and Television Announcers	2.3%	1	1	\$42,578
27-3022	Reporters and Correspondents	-0.7%	0	3	\$36,920
27-1027	Set and Exhibit Designers	1.4%	0	0	\$46,862

SOC Code	Title of Occupation	Average Annual Growth Rate	Average Annual Openings due to Growth	Average Annual Openings due to Replacements	2010 Average Annual Wages
27-3042	Technical Writers	1.7%	2	2	\$62,587
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	1.9%	9	7	\$52,395
49-9052	Telecommunications Line Installers and Repairers	1.4%	20	25	\$55,494
43-2021	Telephone Operators	-1.2%	0	2	\$28,246
27-3043	Writers and Authors	1.5%	4	6	\$59,363
<b>Business Management and Administration</b>					
13-2011	Accountants and Auditors	0.8%	40	102	\$66,040
11-3011	Administrative Services Managers	0.6%	5	19	\$95,680
43-3021	Billing and Posting Clerks and Machine Operators	1.2%	28	37	\$34,632
13-2031	Budget Analysts	1.0%	2	3	\$63,419
13-1199	Business Operations Specialists, All Other	0.9%	17	36	\$64,834
11-1011	Chief Executives	0.7%	3	10	\$219,232
11-3111	Compensation and Benefits Managers	-0.8%	0	4	\$102,898
13-1141	Compensation, Benefits, and Job Analysis Specialists	-0.2%	0	5	\$66,310
43-5021	Couriers and Messengers	-0.4%	0	5	\$27,227
43-4051	Customer Service Representatives	1.0%	82	217	\$39,229
43-9021	Data Entry Keyers	-1.4%	0	19	\$27,040
43-6011	Executive Secretaries and Administrative Assistants	0.3%	7	35	\$49,358
43-4071	File Clerks	-1.2%	0	19	\$27,539
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	0.8%	41	128	\$52,312
11-1021	General and Operations Managers	1.0%	48	80	\$132,496
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	0.4%	2	11	\$35,797
11-3121	Human Resources Managers	0.4%	1	6	\$126,069
13-1078	Human Resources, Labor Relations, and Training Specialists, All Other	0.9%	14	26	\$60,528
43-4199	Information and Record Clerks, All Other	0.1%	0	9	\$41,080
43-4111	Interviewers, Except Eligibility and Loan	1.3%	8	12	\$33,675
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	1.1%	5	8	\$23,816
13-1111	Management Analysts	0.8%	16	33	\$80,954
11-9199	Managers, All Other	0.0%	0	26	\$122,533
43-5041	Meter Readers, Utilities	-0.5%	0	4	\$43,493
43-9799	Office and Administrative Support Workers, All Other	1.4%	7	11	\$33,426
43-9061	Office Clerks, General	1.1%	106	169	\$27,165
43-9071	Office Machine Operators, Except Computer	-1.5%	0	9	\$26,603
43-4151	Order Clerks	0.8%	4	14	\$30,014
43-9081	Proofreaders and Copy Markers	0.5%	0	0	\$36,338
11-2031	Public Relations Managers	0.1%	0	7	\$136,531
43-4171	Receptionists and Information Clerks	1.6%	58	99	\$24,898

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	2010 Average Annual Wages
43-6014	Secretaries, Except Legal, Medical, and Executive	-0.1%	0	78	\$35,443
43-2011	Switchboard Operators, Including Answering Service	-2.6%	0	6	\$26,000
13-2082	Tax Preparers	0.1%	0	8	\$42,827
11-3131	Training and Development Managers	-0.2%	0	3	\$131,310
13-1151	Training and Development Specialists	0.7%	6	15	\$61,256
43-9022	Word Processors and Typists	-1.5%	0	2	\$35,526
<b>Education and Training</b>					
25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	1.0%	3	5	\$50,502
11-9039	Education Administrators, All Other	1.5%	1	1	\$65,894
11-9032	Education Administrators, Elementary and Secondary School	0.5%	3	17	\$102,308
11-9031	Education Administrators, Preschool and Child Care Center/Program	1.2%	4	8	\$51,064
25-9099	Education, Training, and Library Workers, All Other	0.3%	0	3	\$43,264
21-1012	Educational, Vocational, and School Counselors	1.3%	13	20	\$57,699
25-2021	Elementary School Teachers, Except Special Education	1.1%	43	79	\$54,702
21-1091	Health Educators	3.2%	7	4	\$59,592
25-9031	Instructional Coordinators	1.4%	6	9	\$62,005
25-2012	Kindergarten Teachers, Except Special Education	1.2%	5	10	\$52,521
25-4021	Librarians	0.5%	3	12	\$60,778
43-4121	Library Assistants, Clerical	1.0%	3	13	\$20,800
25-4031	Library Technicians	0.8%	2	11	\$35,714
25-2022	Middle School Teachers, Except Special and Vocational Education	1.1%	30	55	\$54,226
25-2011	Preschool Teachers, Except Special Education	1.1%	23	49	\$24,690
25-2031	Secondary School Teachers, Except Special and Vocational Education	0.2%	8	83	\$55,483
25-3021	Self-Enrichment Education Teachers	1.6%	8	7	\$46,654
25-2053	Special Education Teachers, Middle School	1.4%	4	9	\$55,672
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	1.4%	26	51	\$48,092
25-2054	Special Education Teachers, Secondary School	0.3%	1	6	\$61,231
25-9041	Teacher Assistants	1.0%	22	48	\$27,920
25-3999	Teachers and Instructors, All Other	0.9%	10	16	\$44,047
25-1194	Vocational Education Teachers, Postsecondary	0.9%	3	5	\$47,757
<b>Finance</b>					
43-3011	Bill and Account Collectors	0.5%	10	37	\$33,405
43-3031	Bookkeeping, Accounting, and Auditing Clerks	0.9%	57	67	\$35,755
43-4011	Brokerage Clerks	-0.3%	0	4	\$43,576
13-1031	Claims Adjusters, Examiners, and Investigators	0.7%	6	22	\$63,024
13-2041	Credit Analysts	0.8%	10	25	\$63,877

SOC Code	Title of Occupation	Average Annual Growth Rate	Average Annual Openings due to Growth	Average Annual Openings due to Replacements	2010 Average Annual Wages
43-4041	Credit Authorizers, Checkers, and Clerks	-0.3%	0	24	\$39,291
13-2051	Financial Analysts	0.8%	17	41	\$84,178
11-3031	Financial Managers	0.1%	2	43	\$134,784
43-9041	Insurance Claims and Policy Processing Clerks	1.1%	10	25	\$36,608
41-3021	Insurance Sales Agents	2.6%	36	28	\$55,162
13-2053	Insurance Underwriters	0.8%	3	12	\$60,403
13-2071	Loan Counselors	0.4%	1	5	\$39,104
43-4131	Loan Interviewers and Clerks	-1.3%	0	20	\$37,336
13-2072	Loan Officers	0.6%	5	19	\$60,237
43-4141	New Accounts Clerks	-0.4%	0	9	\$34,029
43-3051	Payroll and Timekeeping Clerks	1.3%	5	8	\$38,605
13-2052	Personal Financial Advisors	2.6%	27	11	\$82,930
13-2081	Tax Examiners, Collectors, and Revenue Agents	0.6%	2	5	\$52,832
43-3071	Tellers	-0.6%	0	76	\$25,189
23-2093	Title Examiners, Abstractors, and Searchers	-0.8%	0	1	\$39,603
<b>Government and Public Administration</b>					
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation	1.4%	16	13	\$57,970
43-4031	Court, Municipal, and License Clerks	0.6%	4	20	\$32,510
11-9161	Emergency Management Directors	0.6%	0	0	\$63,981
13-2061	Financial Examiners	0.7%	1	4	\$83,283
11-9151	Social and Community Service Managers	1.4%	11	16	\$61,048
19-3051	Urban and Regional Planners	0.7%	1	5	\$60,611
<b>Health Sciences</b>					
29-1061	Anesthesiologists	1.7%	2	2	\$209,518
29-1181	Audiologists	2.0%	1	0	\$62,046
29-2031	Cardiovascular Technologists and Technicians	2.4%	6	4	\$53,102
29-1011	Chiropractors	2.1%	4	3	\$103,314
31-9091	Dental Assistants	1.8%	15	16	\$35,922
29-2021	Dental Hygienists	2.3%	15	12	\$71,261
29-1021	Dentists, General	1.4%	6	13	\$195,312
29-2032	Diagnostic Medical Sonographers	3.3%	8	3	\$61,360
29-2051	Dietetic Technicians	1.3%	2	2	\$27,373
29-1031	Dietitians and Nutritionists	1.8%	3	6	\$57,429
29-2041	Emergency Medical Technicians and Paramedics	2.1%	22	19	\$38,189
29-1062	Family and General Practitioners	1.8%	10	11	\$156,582
29-1199	Health Diagnosing and Treating Practitioners, All Other	1.8%	0	0	\$70,678
29-2799	Health Technologists and Technicians, All Other	2.0%	5	5	\$40,955

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	2010 Average Annual Wages
29-9799	Healthcare Practitioners and Technical Workers, All Other, Including Genetic Counselors	0.5%	0	2	\$65,125
31-9799	Healthcare Support Workers, All Other	0.9%	3	4	\$36,296
31-1011	Home Health Aides	2.6%	62	27	\$24,419
29-1063	Internists, General	1.8%	5	5	\$205,962
29-2061	Licensed Practical and Licensed Vocational Nurses	1.9%	48	62	\$47,798
31-9011	Massage Therapists	3.0%	6	3	\$57,824
29-2012	Medical and Clinical Laboratory Technicians	1.2%	4	6	\$45,302
29-2011	Medical and Clinical Laboratory Technologists	0.4%	2	8	\$60,674
11-9111	Medical and Health Services Managers	1.8%	18	23	\$101,566
31-9092	Medical Assistants	2.0%	30	21	\$29,994
31-9093	Medical Equipment Preparers	1.4%	3	3	\$33,509
29-2071	Medical Records and Health Information Technicians	1.6%	8	9	\$33,322
43-6013	Medical Secretaries	2.5%	119	57	\$31,824
31-9094	Medical Transcriptionists	-0.5%	0	3	\$36,338
29-2033	Nuclear Medicine Technologists	1.4%	2	2	\$68,099
31-1012	Nursing Aides, Orderlies, and Attendants	1.8%	108	71	\$27,934
29-1064	Obstetricians and Gynecologists	1.7%	2	2	\$222,186
29-9011	Occupational Health and Safety Specialists	1.1%	5	16	\$62,275
29-9012	Occupational Health and Safety Technicians	2.0%	0	0	\$39,146
31-2011	Occupational Therapist Assistants	2.1%	2	1	\$56,139
29-1122	Occupational Therapists	2.2%	8	7	\$69,805
29-2081	Opticians, Dispensing	1.3%	4	5	\$33,405
29-1041	Optometrists	2.2%	3	4	\$80,662
29-1065	Pediatricians, General	1.8%	2	2	\$134,222
29-1051	Pharmacists	1.8%	13	16	\$117,000
31-9095	Pharmacy Aides	0.8%	0	0	\$19,406
29-2052	Pharmacy Technicians	2.5%	32	20	\$27,539
31-2022	Physical Therapist Aides	3.1%	6	2	\$25,626
31-2021	Physical Therapist Assistants	2.7%	5	2	\$53,976
29-1123	Physical Therapists	2.9%	21	7	\$86,362
29-1071	Physician Assistants	2.0%	7	6	\$92,248
29-1069	Physicians and Surgeons, All Other	1.6%	21	24	\$180,627
29-1081	Podiatrists	1.6%	2	2	\$145,184
31-1013	Psychiatric Aides	1.6%	2	1	\$31,138
29-1066	Psychiatrists	1.5%	2	2	\$153,296
29-1124	Radiation Therapists	1.2%	1	1	\$84,635
29-2037	Radiologic Technologists and Technicians	2.2%	26	16	\$61,464
29-1125	Recreational Therapists	1.3%	1	2	\$37,981

SOC Code	Title of Occupation	Average Annual Growth Rate	Average Annual Openings due to Growth	Average Annual Openings due to Replacements	2010 Average Annual Wages
29-1111	Registered Nurses	2.2%	250	189	\$70,928
29-1126	Respiratory Therapists	2.6%	12	8	\$59,758
29-1127	Speech-Language Pathologists	2.0%	9	7	\$75,858
29-1067	Surgeons	1.8%	5	6	\$224,286
29-2055	Surgical Technologists	1.5%	5	6	\$41,371
29-1128	Therapists, All Other	3.7%	4	2	\$48,443
<b>Hospitality and Tourism</b>					
39-3091	Amusement and Recreation Attendants	1.2%	9	41	\$18,866
35-3011	Bartenders	0.8%	15	62	\$24,336
35-1011	Chefs and Head Cooks	0.2%	0	3	\$49,088
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	1.4%	145	267	\$17,763
35-2011	Cooks, Fast Food	-0.3%	0	18	\$19,219
35-2012	Cooks, Institution and Cafeteria	-0.2%	0	47	\$28,288
35-2014	Cooks, Restaurant	1.3%	53	85	\$23,608
35-2015	Cooks, Short Order	0.4%	0	3	\$23,483
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	0.8%	12	111	\$19,781
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	1.1%	12	37	\$18,013
35-9021	Dishwashers	0.7%	11	76	\$18,782
39-3099	Entertainment Attendants and Related Workers, All Other	0.8%	1	3	\$22,090
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	1.0%	29	60	\$35,610
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	-0.1%	0	7	\$37,440
39-1021	First-Line Supervisors/Managers of Personal Service Workers	1.1%	12	26	\$37,315
35-9099	Food Preparation and Serving Related Workers, All Other	-1.1%	0	5	\$20,613
35-2021	Food Preparation Workers	1.2%	20	60	\$20,717
35-3041	Food Servers, Nonrestaurant	1.1%	5	13	\$21,174
11-9051	Food Service Managers	1.8%	7	7	\$68,016
39-3012	Gaming and Sports Book Writers and Runners	1.2%	2	5	\$36,795
39-1011	Gaming Supervisors	1.6%	0	0	\$51,043
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	0.4%	6	93	\$18,117
43-4081	Hotel, Motel, and Resort Desk Clerks	0.7%	6	29	\$21,237
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	0.8%	69	149	\$24,357
11-9081	Lodging Managers	0.6%	1	4	\$75,462
37-2012	Maids and Housekeeping Cleaners	0.9%	25	46	\$19,802
13-1121	Meeting and Convention Planners	1.1%	3	5	\$48,797
39-1012	Slot Key Persons	-1.2%	0	0	\$38,522

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	2010 Average Annual Wages
41-3041	Travel Agents	0.7%	1	2	\$33,301
27-2023	Umpires, Referees, and Other Sports Officials	0.6%	2	7	\$25,355
39-3031	Ushers, Lobby Attendants, and Ticket Takers	0.0%	0	16	\$18,325
35-3031	Waiters and Waitresses	0.9%	68	364	\$21,403
<b>Human Services</b>					
39-9011	Child Care Workers	1.5%	39	76	\$19,302
21-1021	Child, Family, and School Social Workers	1.4%	14	23	\$39,333
19-3031	Clinical, Counseling, and School Psychologists	2.0%	10	14	\$75,254
21-1798	Community and Social Service Specialists, All Other	1.7%	8	9	\$33,925
39-3092	Costume Attendants	0.0%	0	1	\$29,120
39-9031	Fitness Trainers and Aerobics Instructors	1.3%	30	36	\$30,618
39-4021	Funeral Attendants	1.1%	2	7	\$30,118
39-4831	Funeral Service Managers, Directors, Morticians, and Undertakers	2.1%	2	2	\$70,034
39-5012	Hairdressers, Hairstylists, and Cosmetologists	2.3%	52	38	\$29,515
51-6011	Laundry and Dry-Cleaning Workers	0.1%	1	16	\$20,592
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	0.6%	0	1	\$21,050
39-5092	Manicurists and Pedicurists	2.7%	8	5	\$24,898
21-1013	Marriage and Family Therapists	0.7%	2	5	\$51,896
21-1022	Medical and Public Health Social Workers	1.5%	15	21	\$44,304
21-1023	Mental Health and Substance Abuse Social Workers	2.0%	11	12	\$39,562
21-1014	Mental Health Counselors	2.6%	6	4	\$38,043
39-9021	Personal and Home Care Aides	2.0%	13	5	\$20,842
39-9032	Recreation Workers	1.6%	16	15	\$25,293
21-1015	Rehabilitation Counselors	1.3%	7	11	\$33,904
39-9041	Residential Advisors	2.1%	2	2	\$20,571
39-5093	Shampooers	-0.3%	0	8	\$17,930
21-1093	Social and Human Service Assistants	1.4%	11	16	\$29,120
21-1029	Social Workers, All Other	0.5%	1	3	\$56,680
21-1011	Substance Abuse and Behavioral Disorder Counselors	1.5%	3	4	\$34,861
<b>Information Technology</b>					
11-3021	Computer and Information Systems Managers	0.4%	6	24	\$130,541
15-1799	Computer Occupations, All Other	0.4%	1	4	\$69,909
43-9011	Computer Operators	-0.7%	0	5	\$39,354
15-1131	Computer Programmers	0.2%	3	29	\$78,853
15-1150	Computer Support Specialists	1.1%	24	55	\$51,314
15-1121	Computer Systems Analysts	1.1%	34	56	\$80,038
49-2011	Computer, Automated Teller, and Office Machine Repairers	-0.1%	0	6	\$31,762

SOC Code	Title of Occupation	Average Annual Growth Rate	Average Annual Openings due to Growth	Average Annual Openings due to Replacements	2010 Average Annual Wages
15-1141	Database Administrators	1.6%	10	10	\$82,014
15-1179	Information Security Analysts, Web Developers, and Computer Network Architects	0.7%	8	15	\$82,493
15-1142	Network and Computer Systems Architects and Administrators	2.3%	21	14	\$68,640
15-1132	Software Developers, Applications	1.4%	28	19	\$84,635
15-1133	Software Developers, Systems Software	1.0%	13	13	\$98,114
<b>Law, Public Safety and Security</b>					
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	-0.2%	0	2	\$64,168
33-9011	Animal Control Workers	2.7%	8	6	\$34,819
23-1022	Arbitrators, Mediators, and Conciliators	0.8%	0	1	\$40,622
33-9091	Crossing Guards	0.3%	1	7	\$28,870
33-2011	Fire Fighters	0.8%	3	10	\$43,680
33-2021	Fire Inspectors and Investigators	0.9%	1	2	\$47,320
33-1012	First-Line Supervisors/Managers of Police and Detectives	0.4%	1	10	\$87,838
33-1099	First-Line Supervisors/Managers, Protective Service Workers, All Other	0.9%	3	11	\$43,888
33-9031	Gaming Surveillance Officers and Gaming Investigators	1.2%	1	1	\$28,933
23-1023	Judges, Magistrate Judges, and Magistrates	0.9%	2	3	\$130,187
23-1012	Judicial Law Clerks	0.4%	1	3	\$39,603
23-1011	Lawyers	0.1%	2	58	\$151,757
43-6012	Legal Secretaries	-0.5%	0	15	\$50,274
23-2099	Legal Support Workers, All Other	0.2%	0	3	\$48,110
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	1.2%	10	50	\$19,906
23-2011	Paralegals and Legal Assistants	0.8%	10	17	\$51,210
33-3041	Parking Enforcement Workers	0.6%	0	1	\$33,862
33-3051	Police and Sheriff's Patrol Officers	0.7%	12	48	\$58,219
43-5031	Police, Fire, and Ambulance Dispatchers	0.9%	2	4	\$39,437
33-9021	Private Detectives and Investigators	1.4%	1	1	\$58,074
21-1092	Probation Officers and Correctional Treatment Specialists	2.1%	15	14	\$46,010
33-9099	Protective Service Workers, All Other	1.2%	2	13	\$28,621
33-9032	Security Guards	1.5%	51	52	\$26,146
<b>Manufacturing</b>					
51-3011	Bakers	-0.1%	0	8	\$24,419
51-7011	Cabinetmakers and Bench Carpenters	-0.5%	0	8	\$34,902
51-9191	Cementing and Gluing Machine Operators and Tenders	-1.3%	0	0	\$27,165
51-9011	Chemical Equipment Operators and Tenders	-1.1%	0	8	\$53,976
51-8091	Chemical Plant and System Operators	-1.6%	0	4	\$57,158

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	2010 Average Annual Wages
17-3022	Civil Engineering Technicians	0.3%	1	8	\$40,643
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	0.9%	0	1	\$42,286
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	1.4%	1	2	\$34,507
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	0.9%	1	3	\$24,461
51-9031	Cutters and Trimmers, Hand	-0.6%	0	0	\$29,786
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	-0.9%	0	4	\$32,656
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	-0.7%	0	2	\$32,115
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	-1.3%	0	0	\$29,099
49-2092	Electric Motor, Power Tool, and Related Repairers	0.9%	0	0	\$39,832
17-3023	Electrical and Electronic Engineering Technicians	1.0%	3	6	\$46,675
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	0.9%	3	8	\$61,672
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	2.8%	11	7	\$29,598
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	-1.7%	0	6	\$35,339
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	0.8%	9	33	\$64,126
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	0.5%	8	18	\$59,155
51-3092	Food Batchmakers	-0.3%	0	1	\$26,354
51-3093	Food Cooking Machine Operators and Tenders	-0.2%	0	2	\$22,422
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	0.0%	0	1	\$46,363
51-7021	Furniture Finishers	2.6%	1	1	\$36,712
51-8092	Gas Plant Operators	-1.0%	0	1	\$64,792
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	0.9%	1	1	\$30,930
51-9198	Helpers--Production Workers	1.3%	11	13	\$22,360
17-3026	Industrial Engineering Technicians	0.7%	1	2	\$48,755
49-9041	Industrial Machinery Mechanics	1.2%	9	13	\$51,813
11-3051	Industrial Production Managers	1.0%	4	9	\$103,064
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	1.3%	15	25	\$36,566
51-4041	Machinists	1.3%	7	9	\$46,800
17-3027	Mechanical Engineering Technicians	0.5%	1	3	\$50,170
51-9082	Medical Appliance Technicians	0.2%	0	2	\$32,074
49-9062	Medical Equipment Repairers	2.1%	3	3	\$47,299
49-9044	Millwrights	0.2%	0	3	\$48,194

SOC Code	Title of Occupation	Average Annual Growth Rate	Average Annual Openings due to Growth	Average Annual Openings due to Replacements	2010 Average Annual Wages
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	3.9%	7	4	\$41,080
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	0.6%	0	2	\$31,533
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	1.4%	2	3	\$31,658
51-4012	Numerical Tool and Process Control Programmers	0.6%	0	0	\$42,661
51-9083	Ophthalmic Laboratory Technicians	1.6%	0	1	\$31,283
51-9122	Painters, Transportation Equipment	0.6%	1	3	\$43,576
51-9196	Paper Goods Machine Setters, Operators, and Tenders	-1.6%	0	0	\$32,365
51-8013	Power Plant Operators	-0.5%	0	6	\$68,307
49-9069	Precision Instrument and Equipment Repairers, All Other	0.2%	0	2	\$50,086
51-9399	Production Workers, All Other	0.0%	0	4	\$28,288
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	0.2%	1	19	\$67,454
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	0.2%	0	2	\$34,320
51-6031	Sewing Machine Operators	-0.6%	0	1	\$25,750
51-6041	Shoe and Leather Workers and Repairers	0.0%	0	1	\$45,760
51-8021	Stationary Engineers and Boiler Operators	0.3%	0	1	\$56,035
51-2092	Team Assemblers	0.6%	6	17	\$28,434
51-6093	Upholsterers	0.0%	0	2	\$32,864
51-8031	Water and Liquid Waste Treatment Plant and System Operators	1.8%	6	8	\$42,390
51-4121	Welders, Cutters, Solderers, and Brazers	2.3%	13	13	\$42,349
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	-1.0%	0	0	\$27,082
<b>Marketing, Sales and Service</b>					
41-3011	Advertising Sales Agents	1.2%	3	7	\$53,456
13-2021	Appraisers and Assessors of Real Estate	0.6%	1	3	\$63,461
41-2011	Cashiers	0.7%	90	552	\$20,363
41-2021	Counter and Rental Clerks	1.0%	14	32	\$28,038
41-9011	Demonstrators and Product Promoters	1.3%	4	8	\$25,438
53-3031	Driver/Sales Workers	0.9%	12	26	\$26,811
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	0.3%	3	22	\$79,310
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	0.6%	33	118	\$42,411
27-1023	Floral Designers	-1.0%	0	4	\$24,960
27-1025	Interior Designers	1.6%	2	4	\$46,384
13-1161	Market Research Analysts and Marketing Specialists	0.4%	8	48	\$77,771
11-2021	Marketing Managers	-0.2%	0	28	\$139,422
27-1026	Merchandise Displayers and Window Trimmers	0.9%	3	10	\$26,416
53-6021	Parking Lot Attendants	0.1%	0	12	\$20,509

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	2010 Average Annual Wages
41-2022	Parts Salespersons	1.1%	8	26	\$27,914
43-3061	Procurement Clerks	0.2%	0	10	\$35,173
11-9141	Property, Real Estate, and Community Association Managers	0.8%	5	12	\$76,398
11-3061	Purchasing Managers	-0.1%	0	5	\$110,802
41-9021	Real Estate Brokers	1.1%	1	2	\$76,627
41-9022	Real Estate Sales Agents	2.4%	38	31	\$60,320
41-2031	Retail Salespersons	1.1%	174	446	\$24,357
41-9799	Sales and Related Workers, All Other	1.6%	8	12	\$45,781
41-9031	Sales Engineers	1.0%	1	3	\$99,050
11-2022	Sales Managers	0.3%	2	20	\$141,773
41-3099	Sales Representatives, Services, All Other	1.8%	47	71	\$64,147
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	1.3%	34	61	\$61,922
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	1.7%	30	39	\$89,794
53-6031	Service Station Attendants	1.1%	1	3	\$19,843
43-5081	Stock Clerks and Order Fillers	-0.4%	0	114	\$22,942
41-9041	Telemarketers	0.1%	1	9	\$28,746
13-1022	Wholesale and Retail Buyers, Except Farm Products	1.4%	3	6	\$49,442
<b>Science, Technology, Engineering and Mathematics</b>					
15-2011	Actuaries	2.6%	4	7	\$102,378
19-1021	Biochemists and Biophysicists	2.1%	3	3	\$94,786
19-4021	Biological Technicians	0.2%	0	8	\$42,744
19-4031	Chemical Technicians	0.6%	4	9	\$53,102
19-2031	Chemists	0.0%	0	62	\$87,360
15-1111	Computer and Information Research Scientists	1.6%	1	2	\$85,717
19-3011	Economists	0.0%	0	1	\$71,947
17-2071	Electrical Engineers	0.6%	6	21	\$87,027
11-9041	Engineering Managers	0.4%	2	8	\$132,434
19-4091	Environmental Science and Protection Technicians, Including Health	1.5%	2	5	\$35,610
19-2041	Environmental Scientists and Specialists, Including Health	1.4%	6	12	\$59,842
19-2042	Geoscientists, Except Hydrologists and Geographers	2.1%	1	1	\$79,040
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	2.1%	1	1	\$81,224
19-2043	Hydrologists	1.9%	0	1	\$59,384
17-2112	Industrial Engineers	0.6%	3	14	\$88,046
19-2032	Materials Scientists	0.8%	1	3	\$89,003
17-2141	Mechanical Engineers	1.4%	8	18	\$80,579

SOC Code	Title of Occupation	Average Annual Growth Rate	Average Annual Openings due to Growth	Average Annual Openings due to Replacements	2010 Average Annual Wages
19-1022	Microbiologists	0.8%	1	2	\$61,672
15-2031	Operations Research Analysts	0.8%	2	7	\$68,661
19-2012	Physicists	1.8%	0	1	\$82,118
19-4061	Social Science Research Assistants	1.1%	1	4	\$33,238
43-9111	Statistical Assistants	0.9%	0	0	\$45,802
15-2041	Statisticians	0.1%	0	5	\$82,909
17-3031	Surveying and Mapping Technicians	0.8%	1	2	\$41,579
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	1.3%	2	7	\$28,226
<b>Transportation, Distribution and Logistics</b>					
49-3011	Aircraft Mechanics and Service Technicians	0.2%	1	9	\$58,469
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	2.3%	3	2	\$24,648
49-3021	Automotive Body and Related Repairers	0.7%	2	8	\$40,872
49-3023	Automotive Service Technicians and Mechanics	0.9%	20	58	\$39,936
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	1.1%	6	10	\$44,346
53-3022	Bus Drivers, School	1.2%	22	32	\$26,437
53-3021	Bus Drivers, Transit and Intercity	0.6%	1	3	\$28,330
53-5021	Captains, Mates, and Pilots of Water Vessels	1.2%	0	1	\$81,536
43-5011	Cargo and Freight Agents	1.5%	0	1	\$43,618
53-2012	Commercial Pilots	3.1%	3	4	\$83,465
53-7011	Conveyor Operators and Tenders	1.4%	0	0	\$33,904
43-5032	Dispatchers, Except Police, Fire, and Ambulance	2.8%	27	16	\$43,014
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	-0.3%	0	1	\$30,472
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	2.0%	11	10	\$48,651
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle Operators	1.0%	6	11	\$55,661
53-7051	Industrial Truck and Tractor Operators	0.9%	10	28	\$30,493
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	1.1%	66	175	\$25,688
13-1081	Logisticians	1.9%	10	9	\$78,520
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	1.5%	8	13	\$44,262
53-3099	Motor Vehicle Operators, All Other	0.8%	4	8	\$29,058
49-3051	Motorboat Mechanics	1.5%	1	2	\$35,797
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	1.5%	2	2	\$37,170
51-9111	Packaging and Filling Machine Operators and Tenders	0.7%	9	21	\$31,533
53-7064	Packers and Packagers, Hand	0.7%	12	46	\$26,437
43-5051	Postal Service Clerks	-4.7%	0	5	\$52,499
43-5052	Postal Service Mail Carriers	0.5%	6	32	\$49,483

*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	2010 Average Annual Wages
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	-4.7%	0	2	\$49,982
11-9131	Postmasters and Mail Superintendents	-1.3%	0	1	\$70,262
43-5061	Production, Planning, and Expediting Clerks	0.6%	5	19	\$47,320
53-7081	Refuse and Recyclable Material Collectors	2.2%	12	15	\$34,632
53-5011	Sailors and Marine Oilers	1.0%	0	1	\$32,781
43-5071	Shipping, Receiving, and Traffic Clerks	-0.2%	0	42	\$30,098
53-7121	Tank Car, Truck, and Ship Loaders	0.0%	0	13	\$56,888
53-3041	Taxi Drivers and Chauffeurs	1.2%	8	8	\$27,872
49-3093	Tire Repairers and Changers	1.0%	2	6	\$24,627
53-6051	Transportation Inspectors	1.5%	2	3	\$38,792
53-6099	Transportation Workers, All Other	2.1%	1	1	\$25,979
11-3071	Transportation, Storage, and Distribution Managers	0.0%	0	9	\$119,662
53-3032	Truck Drivers, Heavy and Tractor-Trailer	1.7%	70	75	\$41,163
53-3033	Truck Drivers, Light or Delivery Services	0.7%	18	52	\$35,256

# Industry Projections

Besides projected demographic trends, the biggest determinant of employment growth rates is the position of the base year in the business cycle. The projection year in long-term projections is so far into the future that it must be assumed the economy will be at full employment then, but we always have more information about the base year. This is the primary reason for the increase in projected growth rates in this set of projections, as compared to the 2008–2018 projections. In 2008, average annual employment was near a business cycle peak (large job losses did not begin until the end of 2008). The 0.7 percent average annual growth rate projected through 2018, relatively low by recent standards, reflected that fact, along with a projected decline in the rate of population growth. For this set of projections, the projections of working-age population growth are similar, but the base year of 2010 found employment at a cyclical low. The 1.1 percent projected annual growth in employment through 2020 reflects an expected cyclical boost in job growth, with a period of above-normal job growth sometime during the recovery. At the present time (May 2012), that has not yet happened. If it turns out that all of the jobs lost during the recession were structural, and no period of above-normal growth is forthcoming, then the average annual job growth through the projection period will probably be closer to 0.7 percent.

This business cycle effect is even more pronounced in particular industries. *Construction*, which is projected to grow faster than any other major

industry sector, is a prime example. There are 5,510 net new jobs projected in *Construction* through 2020, an annual average growth rate of 2.5%, more than double the overall projected average gain. If this many jobs are added, it would still leave the number of jobs in *Construction* 4,500 below the peak hit in 2006. The projected growth comes from an expected return to more normal job numbers. In 2002, prior to the building boom, *Construction* jobs made up 5.4 percent of the total jobs in the state. By 2006, that had risen to 6.4 percent. In our current base year of 2010, *Construction* has only 4.5 percent of the state’s total jobs; our projection is for that to rise to 5.2 percent by 2020.

By contrast, the business cycle appears to have little effect on *Health Care and Social Assistance* (particularly the health care components), currently Delaware’s largest industry by employment, and the industry with the greatest projected number of new jobs, by far. Over 13,000 net new jobs are projected for this industry by 2020; better than one in every four new jobs in the state are projected to be in *Health Care and Social Assistance*. This industry has exhibited steady growth for

*Construction is projected to grow faster than any other major industry between 2010 and 2020.*



over 20 years, and as the baby boom generation increases its demands on the health care system, continued employment growth in *Health Care and Social Assistance* is as safe a bet as there is in these projections.

## Projected Net Job Growth by Industry Sector, 2020

Industry Sector	Net Job Growth
Health Care and Social Assistance	13,140
Construction	5,510
Retail Trade	4,460
Administrative and Waste Services	3,990
Accommodation and Food Services	3,350
Professional and Technical Services	3,120
Educational Services	2,720
Self-Employed Workers, Primary Job	2,400
Other Services, except Public Administration	2,150
Wholesale Trade	2,000
Transportation and Warehousing	1,370
Manufacturing	1,170
Government	1,120
Arts, Entertainment, and Recreation	1,110
Finance and Insurance	1,030
Information	800
Real Estate and Rental And Leasing	660
Mining	0
Agriculture, Forestry, and Fishing	-20
Utilities	-70
Management of Companies and Enterprises	-1,620

*Retail Trade*, Delaware’s second-largest major industry sector in terms of employment, is projected to grow at a slightly slower rate than the overall economy. Some of the sub-sectors, such as **furniture and home furnishing stores** and **building materials and garden supply stores**, are projected to grow faster, due to business cycle effects. **Health and personal care stores** are projected to grow at an above-average pace due primarily to demographic factors.

*Finance and Insurance* is Delaware’s third-largest employer and largest generator of value-added, contributing 37 percent of the

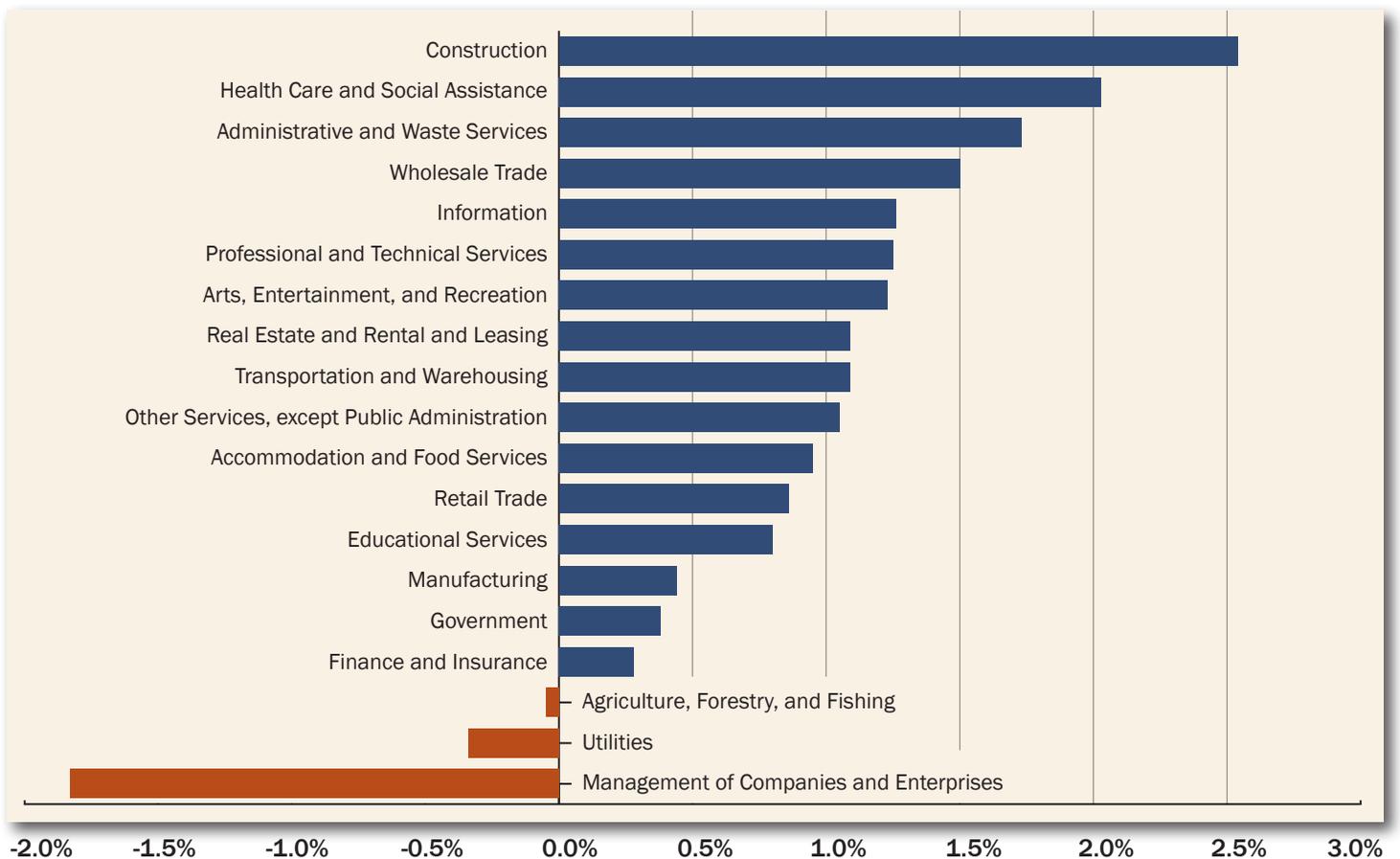
state’s GDP in 2010. We project that employment will grow by about 1,000 jobs by 2020, a rate of growth only about one-quarter that of the overall economy. Projected job losses at **banks** (Credit intermediation and related activities) largely offset the gains projected for **securities and investment firms** and in **insurance**.

Although small in magnitude, the projected job growth in *Manufacturing* is a major change in this round of projections. Except for a brief period in the late 1990’s, jobs in *Manufacturing* in Delaware have been steadily declining for over 20 years. That appears to finally be

reversing, and we project a modest increase of nearly 1,200 jobs in *Manufacturing* by 2020.

The biggest job losses projected in any major industry sector are in *Management of Companies and Enterprises*, where 1,620 fewer jobs are expected by 2020. This industry consists of holding companies and establishments whose main purpose is to manage their firm’s overall operations. In Delaware, it contains a few large employers and many holding companies with generally a single employee. The reliance on just a few major employers causes this sector’s employment to be volatile, as those firms’ fortunes wax and wane.

## Projected Annual Rate of Growth by Industry Sector, 2010–2020



### Table 3: Industry Projections

NAICS	Industry	2010	2020	2010-2020 Change	2010-2020 Annual Growth
	<b>Total Employment, All Jobs</b>	<b>431,670</b>	<b>480,120</b>	<b>48,450</b>	<b>1.1%</b>
	Total Self-Employed and Unpaid Family Workers, Primary Job	19,840	22,300	2,460	1.2%
	Self-Employed Workers, Primary Job	19,600	22,000	2,400	1.2%
	Unpaid Family Workers, Primary Job	240	300	60	2.3%
<b>11</b>	<b>Agriculture, Forestry, Fishing</b>	<b>4,220</b>	<b>4,200</b>	<b>-20</b>	<b>-0.0%</b>
111	Crop production	2,460	2,400	-60	-0.2%
112	Animal production	1,590	1,600	10	0.1%
115	Support activities for agriculture and forestry	170	200	30	1.6%
<b>21</b>	<b>Mining</b>	<b>0</b>	<b>0</b>		
<b>22</b>	<b>Utilities</b>	<b>2,090</b>	<b>2,020</b>	<b>-70</b>	<b>-0.3%</b>
<b>23</b>	<b>Construction</b>	<b>19,290</b>	<b>24,800</b>	<b>5,510</b>	<b>2.5%</b>
236	Construction of buildings	4,810	6,700	1,890	3.4%
237	Heavy and civil engineering construction	2,580	3,100	520	1.9%
238	Specialty trade contractors	11,900	15,000	3,100	2.3%
<b>31-33</b>	<b>Manufacturing</b>	<b>26,140</b>	<b>27,310</b>	<b>1,170</b>	<b>0.4%</b>
311	Food manufacturing	8,840	9,000	160	0.2%
312	Beverage and tobacco product manufacturing	200	300	100	4.1%
313	Textile mills	600	550	-50	-0.9%
314	Textile product mills	100	80	-20	-2.2%
315	Apparel manufacturing	170	150	-20	-1.2%
321	Wood product manufacturing	310	280	-30	-1.0%
322	Paper manufacturing	860	740	-120	-1.5%
323	Printing and related support activities	670	600	-70	-1.1%
324	Petroleum and coal products manufacturing	290	700	410	9.2%
325	Chemical manufacturing	3,280	3,000	-280	-0.9%
326	Plastics and rubber products manufacturing	1,390	1,250	-140	-1.1%
327	Nonmetallic mineral product manufacturing	630	750	120	1.8%
331	Primary metal manufacturing	560	530	-30	-0.5%
332	Fabricated metal product manufacturing	1,450	1,500	50	0.3%
333	Machinery manufacturing	590	700	110	1.7%
334	Computer and electronic product manufacturing	3,020	3,300	280	0.9%
335	Electrical equipment and appliance mfg.	630	1,000	370	4.7%
336	Transportation equipment manufacturing	740	1,200	460	5.0%
337	Furniture and related product manufacturing	760	680	-80	-1.1%
339	Miscellaneous manufacturing	1,050	1,000	-50	-0.5%

NAICS	Industry	2010	2020	2010-2020 Change	2010-2020 Annual Growth
<b>42</b>	<b>Wholesale Trade</b>	<b>12,500</b>	<b>14,500</b>	<b>2,000</b>	<b>1.5%</b>
423	Merchant wholesalers, durable goods	4,500	5,200	700	1.5%
424	Merchant wholesalers, nondurable goods	5,500	6,000	500	0.9%
425	Electronic markets and agents and brokers	2,500	3,300	800	2.8%
<b>44-45</b>	<b>Retail Trade</b>	<b>49,890</b>	<b>54,350</b>	<b>4,460</b>	<b>0.9%</b>
441	Motor vehicle and parts dealers	6,270	7,000	730	1.1%
442	Furniture and home furnishings stores	1,960	2,300	340	1.6%
443	Electronics and appliance stores	1,890	2,100	210	1.1%
444	Building material and garden supply stores	4,510	5,300	790	1.6%
445	Food and beverage stores	8,820	9,600	780	0.9%
446	Health and personal care stores	3,510	4,200	690	1.8%
447	Gasoline stations	2,180	2,250	70	0.3%
448	Clothing and clothing accessories stores	5,440	5,900	460	0.8%
451	Sporting goods, hobby, book and music stores	1,870	2,100	230	1.2%
452	General merchandise stores	9,540	9,200	-340	-0.4%
453	Miscellaneous store retailers	2,770	3,100	330	1.1%
454	Nonstore retailers	1,130	1,300	170	1.4%
<b>48-49</b>	<b>Transportation and Warehousing</b>	<b>11,980</b>	<b>13,350</b>	<b>1,370</b>	<b>1.1%</b>
481	Air transportation	130	170	40	2.7%
482	Rail transportation	1,350	1,400	50	0.4%
484	Truck transportation	2,200	2,700	500	2.1%
485	Transit and ground passenger transportation	1,920	2,150	230	1.1%
488	Support activities for transportation	1,310	1,550	240	1.7%
491	Postal service	1,960	1,700	-260	-1.4%
492	Couriers and messengers	1,220	1,180	-40	-0.3%
493	Warehousing and storage	1,890	2,500	610	2.8%
<b>51</b>	<b>Information</b>	<b>6,010</b>	<b>6,810</b>	<b>800</b>	<b>1.3%</b>
511	Publishing industries, except Internet	990	1,000	10	0.1%
512	Motion picture and sound recording industries	290	260	-30	-1.1%
515	Broadcasting, except Internet	280	350	70	2.3%
517	Telecommunications	3,030	3,600	570	1.7%
518	ISPs, search portals, and data processing	1,140	1,250	110	0.9%
519	Other information services	280	350	70	2.3%
<b>52</b>	<b>Finance and Insurance</b>	<b>36,930</b>	<b>37,960</b>	<b>1,030</b>	<b>0.3%</b>
522	Credit intermediation and related activities	25,740	25,000	-740	-0.3%
523	Securities, commodity contracts, investments	4,160	5,000	840	1.9%
524	Insurance carriers and related activities	6,700	7,600	900	1.3%
525	Funds, trusts, and other financial vehicles	330	360	30	0.9%

NAICS	Industry	2010	2020	2010-2020 Change	2010-2020 Annual Growth
<b>53</b>	<b>Real Estate and Rental and Leasing</b>	<b>5,740</b>	<b>6,400</b>	<b>660</b>	<b>1.1%</b>
531	Real estate	4,450	5,000	550	1.2%
532	Rental and leasing services	1,290	1,400	110	0.8%
<b>54</b>	<b>Professional and Technical Services</b>	<b>23,680</b>	<b>26,800</b>	<b>3,120</b>	<b>1.2%</b>
<b>55</b>	<b>Management of Companies and Enterprises</b>	<b>9,620</b>	<b>8,000</b>	<b>-1,620</b>	<b>-1.8%</b>
<b>56</b>	<b>Administrative and Waste Services</b>	<b>21,360</b>	<b>25,350</b>	<b>3,990</b>	<b>1.7%</b>
561	Administrative and support services	20,260	24,000	3,740	1.7%
562	Waste management and remediation services	1,100	1,350	250	2.1%
<b>61</b>	<b>Educational Services</b>	<b>32,780</b>	<b>35,500</b>	<b>2,720</b>	<b>0.8%</b>
<b>62</b>	<b>Health Care and Social Assistance</b>	<b>59,110</b>	<b>72,250</b>	<b>13,140</b>	<b>2.0%</b>
621	Ambulatory health care services	17,750	22,750	5,000	2.5%
622	Hospitals	21,690	25,500	3,810	1.6%
623	Nursing and residential care facilities	10,430	13,000	2,570	2.2%
624	Social assistance	9,240	11,000	1,760	1.8%
<b>71</b>	<b>Arts, Entertainment, and Recreation</b>	<b>8,530</b>	<b>9,640</b>	<b>1,110</b>	<b>1.2%</b>
711	Performing arts and spectator sports	740	800	60	0.8%
712	Museums, historical sites, zoos, and parks	800	840	40	0.5%
713	Amusements, gambling, and recreation	6,990	8,000	1,010	1.4%
<b>72</b>	<b>Accommodation and Food Services</b>	<b>33,650</b>	<b>37,000</b>	<b>3,350</b>	<b>1.0%</b>
721	Accommodation	2,830	3,000	170	0.6%
722	Food services and drinking places	30,820	34,000	3,180	1.0%
<b>81</b>	<b>Other Services, Except Public Administration</b>	<b>19,530</b>	<b>21,680</b>	<b>2,150</b>	<b>1.0%</b>
811	Repair and maintenance	3,320	3,650	330	1.0%
812	Personal and laundry services	4,220	4,700	480	1.1%
813	Membership associations and organizations	11,210	12,500	1,290	1.1%
814	Private households	780	830	50	0.6%
	<b>Government</b>	<b>28,780</b>	<b>29,900</b>	<b>1,120</b>	<b>0.4%</b>
	Federal government, excluding postal service	4,190	3,900	-290	-0.7%
	State government, excluding education and hospitals	17,650	18,500	850	0.5%
	Local government, excluding education and hospitals	6,940	7,500	560	0.8%



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