



DELAWARE 2018

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 projections 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 2008 to 2018. It supersedes the last such set of projections, which were generated for the 2006-2016 period and published in June, 2008.

Delaware is projected to have 34,450 more jobs in 2018 than in 2008, for an average annual growth rate of 0.7 percent. Health Care and Social Assistance is expected to create far and away the greatest number of jobs, with projected growth of 13,500 jobs. That is in part due to it being the only industry sector not to lose jobs during the current recession. All other sectors will have to make up for jobs lost before they create net job gains.

The worst of the state's job losses due to the recession occurred after the base year of 2008. Although the official start date for the national recession is December 2007, Delaware's job total peaked in February 2008. Job losses from then through the summer were slight; most of the job losses in 2008 came at the end of the year. This means that the annual average employment level for 2008 was only 2,200 jobs below the peak year 2007. It is 2009 and 2010, at least, that will be substantially below that level. That leads to average annual growth rates below what they would be if the starting point was at the depth of the recession.

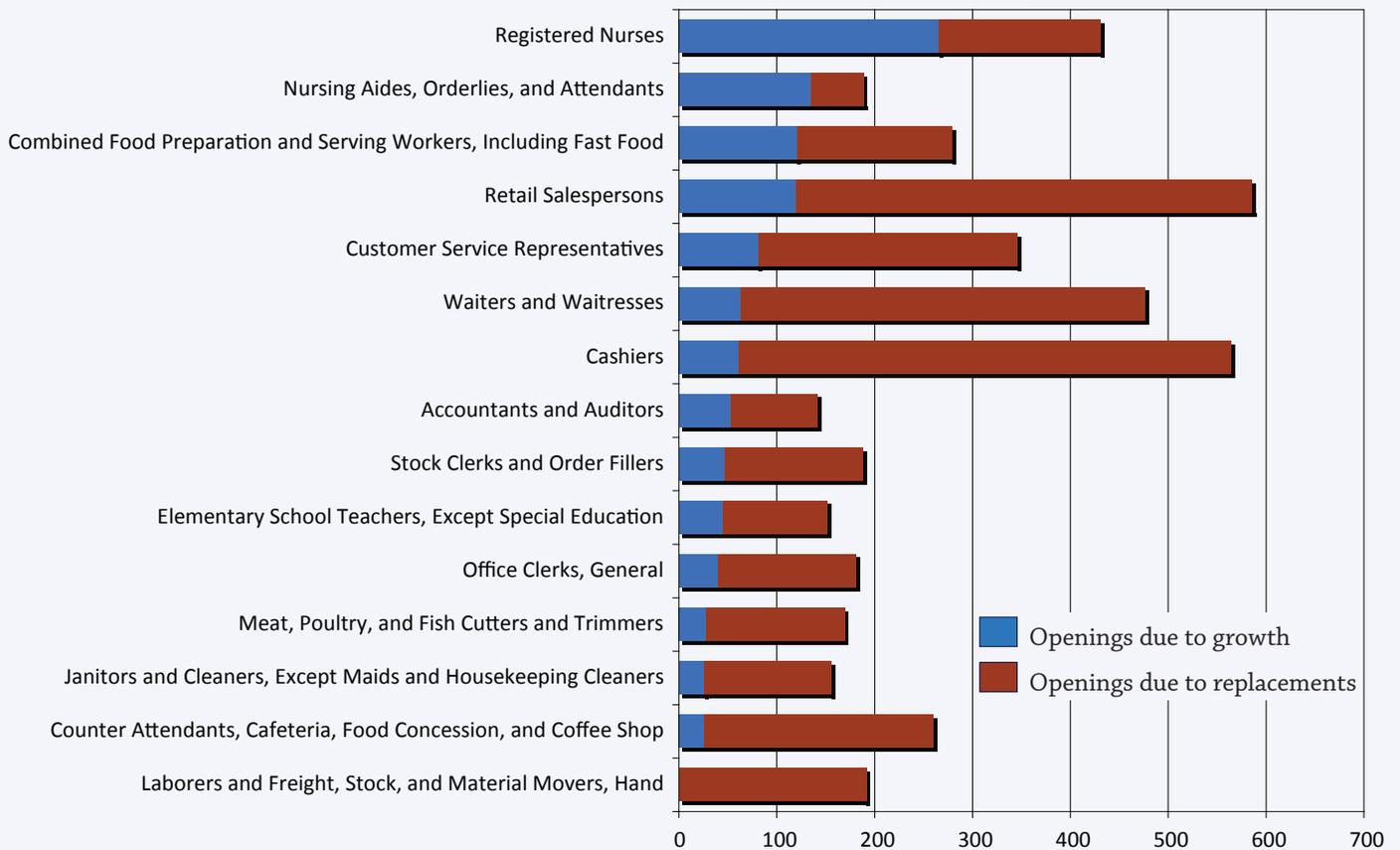
The two occupations with the greatest projected growth are in Health Care – Registered Nurses are projected to grow by an average of 266 jobs per year and Nursing Aides, Orderlies, and Attendants are projected to grow by an average of 135 new jobs per year. Medical Secretaries and Licensed Practical and Vocational Nurses are also projected to be near the top in growth. Outside of Health Care, the occupations where the greatest job growth is expected are in food service, customer service, and retail sales.

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 2008, the projection of total filled jobs in 2018, the wage category, job availability, and usual education 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 projected annual growth rate, annual openings due to growth, annual openings due to net replacement, and the 2008 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, 2008 – 2018



Occupation Projections by Occupational Group

For ease of comparison, this first section presents occupational wages by wage categories. To create the categories, we divided the 495 occupations into quintiles. There are 99 occupations in each category, which are based on the 2008 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. More detailed wage distributions for each of these occupations can be obtained by contacting our office.

The lowest-paying 99 occupations (Low) paid below \$28,800 per year. The next lowest-paying 99 occupations, those in the Below Average category (-Avg.), had average wages from \$28,800 to \$36,800 per year. The middle category, Average (Avg.) paid from \$36,801 to \$49,850. The second highest-paying category, Above Average (+Avg.), had average wages from \$49,851 to \$66,300, while the 99 highest-paying occupations (High) had average annual wages exceeding \$66,300.

Wage Categories

Wage Category	Abbreviation	2008 Average Annual Wage
Low	Low	Below \$28,800
Below Average	-Avg.	\$28,800 to \$36,800
Average	Avg.	\$36,801 to \$49,850
Above Average	+Avg.	\$49,851 to \$66,300
High	High	Above \$66,300

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.

Job Availability Categories

Category	Annual Openings Due to Growth	Number of Occupations in Each Category
Poor	0	167
Fair	1 to 3	146
Good	4 to 14	107
Excellent (Excl)	15 or more	76

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 76 occupations with Excellent job availability, 106 in the Good category, 146 with Fair job availability prospects, and 167 in the Poor category. ►►



Focus on...

Soil and Plant Scientists

SOC Code: 19-1013

Occupational Group: Life, Physical, and Social Science

2008 Employment: 67
2018 Employment: 72

Wage Category: Above Average
Job Availability: Fair
Training/Education: Bachelor's

Career Cluster: Agriculture, Food and Natural Resources

Average Annual Growth Rate: 0.7%
Average Annual Openings Due to Growth: 1
Average Annual Openings Due to Replacements: 2
2008 Average Annual Wages: \$55,370

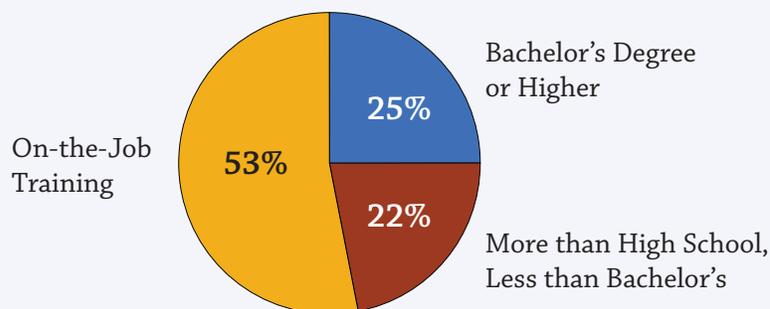
The final data column contains the expected education or training to be fully qualified for the occupation. The 11 education/training categories are the product of the US Bureau of Labor Statistics (BLS), which is also responsible for the placement of occupations within the categories. The abbreviations for each category, along with the 2008 average wage for occupations falling within each category, are provided in the table at right.

While most of the new jobs expected to be created over the next ten years will not require postsecondary education, the majority of those that pay well will. Forty-seven percent of the new jobs will require college or formal vocational training, while 53 percent will involve on-the-job training (with most of these requiring at least a high school diploma to get in the door). However, less than one quarter of the occupations in the High and Above Average wage categories do not require postsecondary education or prior work experience in a related occupation. Education pays. ►►

Wages by Level of Education, 2008

Abbreviation	Education/Training Category	2008 Ave. Wage
Prof	First professional degree	\$150,531
PhD	Doctoral degree	\$74,217
Mast	Master's degree	\$57,578
Bach+	Bachelor's or higher degree, plus work experience	\$114,598
Bach	Bachelor's degree	\$65,898
Assoc	Associate's degree	\$58,825
VocEd	Postsecondary vocational training	\$38,014
Exp	Work experience in a related occupation	\$55,702
LTOJT	Long-term on-the-job training (over 12 months)	\$45,015
MOJT	Moderate-term on-the-job training (1 to 12 months)	\$34,817
STOJT	Short-term on-the-job training (up to 1 month)	\$25,068

New Jobs Created by Level of Education, 2008 – 2018



Focus on...

Public Relations Specialists

SOC Code: 27-3031

Occ. Group: Arts, Design, Entertainment, Sports, & Media

2008 Employment: 931

2018 Employment: 1,101

Wage Category: Above Average

Job Availability: Excellent

Training/Education: Bachelor's

Career Cluster: Arts, Audio/Visual and Communications

Average Annual Growth Rate: 1.7%

Average Annual Openings Due to Growth: 17

Average Annual Openings Due to Replacements: 22

2008 Average Annual Wages: \$59,966

Focus on...

Child Care Workers

SOC Code: 39-9011

Occupational Group: Personal Care and Service

2008 Employment: 2,365

2018 Employment: 2,585

Wage Category: Low

Job Availability: Excellent

Training/Education: Short-term on-the-job training

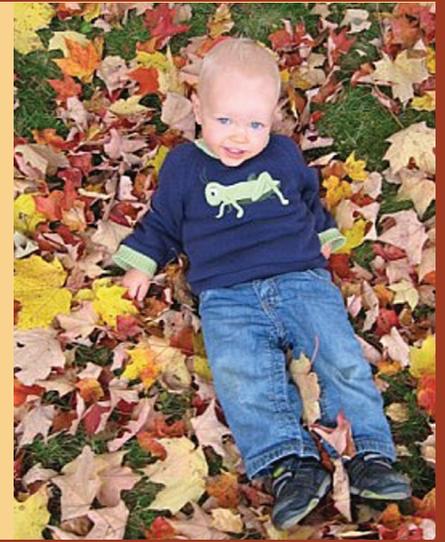
Career Cluster: Human Services

Average Annual Growth Rate: 0.9%

Average Annual Openings Due to Growth: 22

Average Annual Openings Due to Replacements: 69

2008 Average Annual Wages: \$20,238



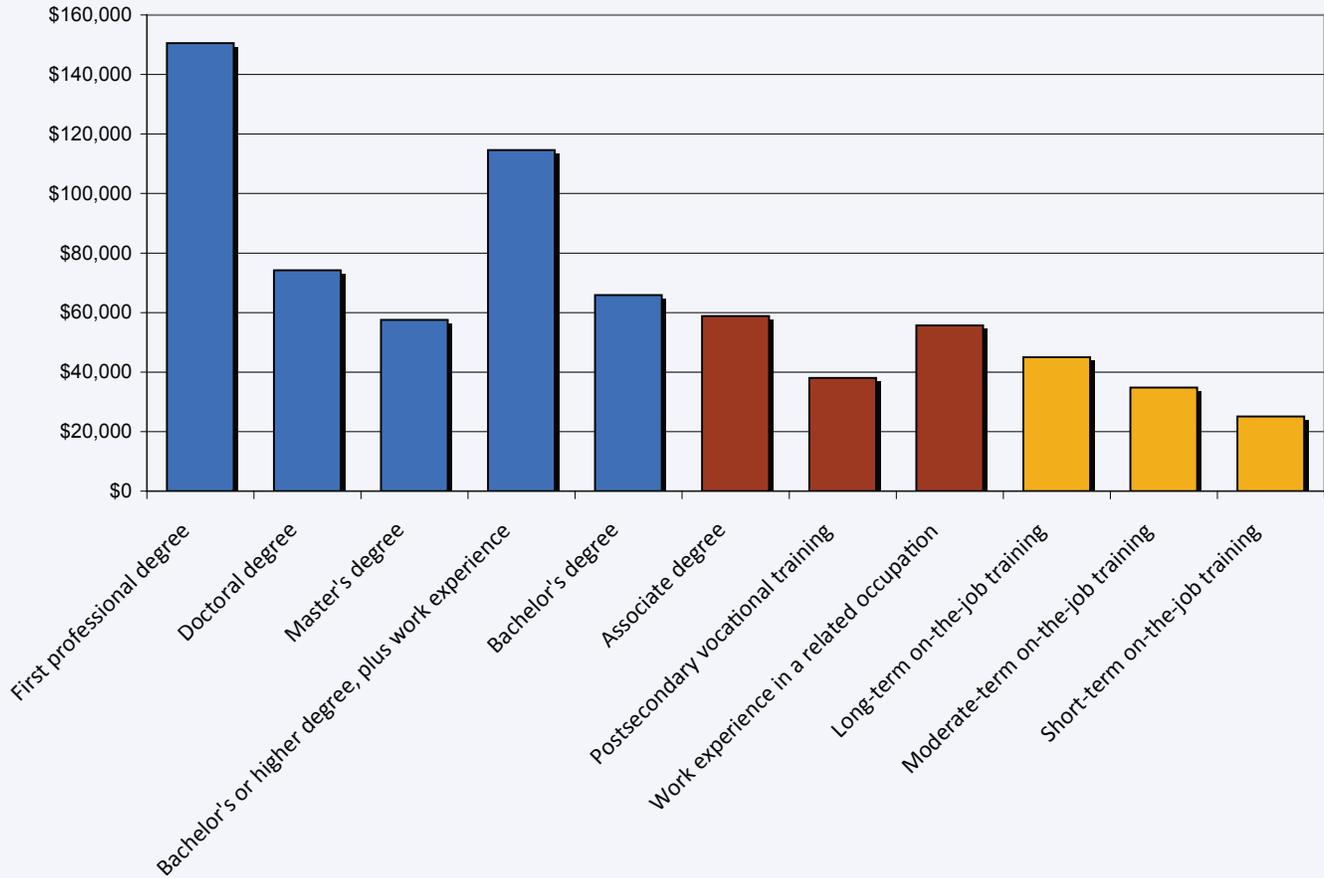
The correlation between education and training and pay is not perfect, but it is very strong. With few exceptions, you should expect that greater education and training will lead to higher wages, as the chart at right shows. The spike in average wages for those with a Bachelor's degree,

plus work experience, is due mostly to Chief Executives and General and Operations Managers, people who have usually spent many years gaining specialized knowledge in their industries. ■

Projected Openings and Growth by Education Level, 2008 – 2018

Education/Training Requirements	Total Openings 2008-2018	Percent of Total Openings	New Jobs	Annual Percent Growth
First professional degree	2,326	1.7%	919	1.2%
Doctoral degree	1,067	0.8%	381	1.2%
Master's degree	2,431	1.8%	1,027	1.5%
Bachelor's or higher degree, plus work experience	4,894	3.6%	355	0.2%
Bachelor's degree	19,568	14.2%	6,046	0.9%
Associate degree	7,966	5.8%	3,895	1.7%
Postsecondary vocational training	9,620	7.0%	4,291	1.4%
Work experience in a related occupation	10,047	7.3%	2,103	0.5%
Long-term on-the-job training	7,259	5.3%	1,783	0.7%
Moderate-term on-the-job training	16,166	11.7%	3,361	0.5%
Short-term on-the-job training	56,279	40.9%	9,135	0.6%

Wages by Level of Education, 2008



Focus on...

Registered Nurses

SOC Code: 29-1111

Occ. Group: Healthcare Practitioners and Technical

2008 Employment: 9,434

2018 Employment: 12,096

Wage Category: High

Job Availability: Excellent

Training/Education: Associate

Career Cluster: Health Sciences

Average Annual Growth Rate: 2.5%

Average Annual Openings Due to Growth: 266

Average Annual Openings Due to Replacements: 165

2008 Average Annual Wages: \$68,910



Occupation Projections by Occupational Group Table

SOC Code	Title of Occupation	2008 Empl	2018 Empl	Wage Cat	Job Avail	Train/Educ
11-0000 Management Occupations						
11-1011	Chief Executives	608	568	High	Poor	Bach+
11-1021	General and Operations Managers	4,307	4,088	High	Poor	Bach+
11-2011	Advertising and Promotions Managers	167	146	High	Poor	Bach+
11-2021	Marketing Managers	964	958	High	Poor	Bach+
11-2022	Sales Managers	913	978	High	Good	Bach+
11-2031	Public Relations Managers	196	206	High	Fair	Bach+
11-3011	Administrative Services Managers	807	819	High	Fair	Bach+
11-3021	Computer and Information Systems Managers	1,325	1,422	High	Good	Bach+
11-3031	Financial Managers	2,231	2,286	High	Good	Bach+
11-3041	Compensation and Benefits Managers	266	254	High	Poor	Bach+
11-3042	Training and Development Managers	124	122	High	Poor	Bach+
11-3049	Human Resources Managers, All Other	131	130	High	Poor	Bach+
11-3051	Industrial Production Managers	449	381	High	Poor	Exp
11-3061	Purchasing Managers	176	164	High	Poor	Bach+
11-3071	Transportation, Storage, and Distribution Managers	492	428	High	Poor	Exp
11-9021	Construction Managers	1,728	1,972	High	Excl	Bach
11-9031	Education Administrators, Preschool and Child Care Center/Program	380	415	Avg	Good	Bach+
11-9032	Education Administrators, Elementary and Secondary School	566	584	High	Fair	Bach+
11-9033	Education Administrators, Postsecondary	387	374	High	Poor	Bach+
11-9039	Education Administrators, All Other	43	53	+Avg	Fair	Bach+
11-9041	Engineering Managers	358	358	High	Poor	Bach+
11-9051	Food Service Managers	723	784	+Avg	Good	Exp
11-9061	Funeral Directors	101	106	High	Fair	Assoc
11-9081	Lodging Managers	178	184	+Avg	Fair	Exp
11-9111	Medical and Health Services Managers	1,117	1,331	High	Excl	Bach+
11-9121	Natural Sciences Managers	417	407	High	Poor	Bach+
11-9131	Postmasters and Mail Superintendents	47	42	+Avg	Poor	Exp
11-9141	Property, Real Estate, and Community Association Managers	456	485	High	Fair	Bach
11-9151	Social and Community Service Managers	832	926	+Avg	Good	Bach
11-9199	Managers, All Other	867	898	High	Fair	Exp
13-0000 Business and Financial Operations Occupations						
13-1022	Wholesale and Retail Buyers, Except Farm Products	326	326	+Avg	Poor	LTOJT
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	891	939	+Avg	Good	LTOJT
13-1031	Claims Adjusters, Examiners, and Investigators	897	960	+Avg	Good	LTOJT
13-1041	Compliance Officers, Exc. Agriculture, Construction, Health& Safety, & Transportation	1,064	1,327	+Avg	Excl	LTOJT
13-1051	Cost Estimators	753	884	+Avg	Good	Bach
13-1061	Emergency Management Specialists	17	20	+Avg	Poor	Exp
13-1071	Employment, Recruitment, and Placement Specialists	629	759	+Avg	Good	Bach
13-1072	Compensation, Benefits, and Job Analysis Specialists	509	576	+Avg	Good	Bach
13-1073	Training and Development Specialists	966	1,108	+Avg	Good	Bach

SOC Code	Title of Occupation	2008 Empl	2018 Empl	Wage Cat	Job Avail	Train/Educ
13-1079	Human Resources, Training, and Labor Relations Specialists, All Other	718	827	+Avg	Good	Bach
13-1081	Logisticians	458	472	High	Fair	Bach
13-1111	Management Analysts	2,516	2,678	High	Excl	Bach+
13-1121	Meeting and Convention Planners	288	322	+Avg	Fair	Bach
13-1199	Business Operations Specialists, All Other	1,973	2,125	+Avg	Excl	Bach
13-2011	Accountants and Auditors	5,239	5,773	High	Excl	Bach
13-2021	Appraisers and Assessors of Real Estate	219	227	+Avg	Fair	Assoc
13-2031	Budget Analysts	144	167	+Avg	Fair	Bach
13-2041	Credit Analysts	1,743	1,857	+Avg	Good	Bach
13-2051	Financial Analysts	1,931	2,152	High	Excl	Bach
13-2052	Personal Financial Advisors	1,231	1,575	High	Excl	Bach
13-2053	Insurance Underwriters	542	529	+Avg	Poor	Bach
13-2071	Loan Counselors	232	203	Avg	Poor	Bach
13-2072	Loan Officers	970	975	+Avg	Fair	MOJT
13-2081	Tax Examiners, Collectors, and Revenue Agents	185	206	+Avg	Fair	Bach
13-2082	Tax Preparers	639	594	+Avg	Poor	MOJT
15-0000 Computer and Mathematical Occupations						
15-1021	Computer Programmers	1,978	1,798	High	Poor	Bach
15-1031	Computer Software Engineers, Applications	1,283	1,549	High	Excl	Bach
15-1032	Computer Software Engineers, Systems Software	793	919	High	Good	Bach
15-1041	Computer Support Specialists	2,004	2,013	+Avg	Fair	Assoc
15-1051	Computer Systems Analysts	3,141	3,537	High	Excl	Bach
15-1061	Database Administrators	621	678	High	Good	Bach
15-1071	Network and Computer Systems Administrators	1,314	1,522	High	Excl	Bach
15-1081	Network Systems and Data Communications Analysts	886	1,277	High	Excl	Bach
15-2011	Actuaries	143	153	High	Fair	Bach+
15-2031	Operations Research Analysts	349	368	High	Fair	Mast
15-2041	Statisticians	67	66	High	Poor	Mast
17-0000 Architecture and Engineering Occupations						
17-1011	Architects, Except Landscape and Naval	243	253	High	Fair	Bach
17-1012	Landscape Architects	121	141	Avg	Fair	Bach
17-1021	Cartographers and Photogrammetrists	12	15	+Avg	Poor	Bach
17-1022	Surveyors	212	214	+Avg	Poor	Bach
17-2011	Aerospace Engineers	55	56	High	Poor	Bach
17-2021	Agricultural Engineers	19	22	High	Poor	Bach
17-2041	Chemical Engineers	544	502	High	Poor	Bach
17-2051	Civil Engineers	981	1,112	High	Good	Bach
17-2071	Electrical Engineers	734	706	High	Poor	Bach
17-2072	Electronics Engineers, Except Computer	454	458	High	Poor	Bach
17-2081	Environmental Engineers	256	285	High	Fair	Bach
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	116	126	High	Fair	Bach

Occupation Projections by Occupational Group

SOC Code	Title of Occupation	2008 Empl	2018 Empl	Wage Cat	Job Avail	Train/Educ
17-2112	Industrial Engineers	669	647	High	Poor	Bach
17-2131	Materials Engineers	15	14	High	Poor	Bach
17-2141	Mechanical Engineers	443	422	High	Poor	Bach
17-3011	Architectural and Civil Drafters	425	404	Avg	Poor	VocEd
17-3012	Electrical and Electronics Drafters	138	138	+Avg	Poor	VocEd
17-3013	Mechanical Drafters	223	223	+Avg	Poor	VocEd
17-3022	Civil Engineering Technicians	410	441	Avg	Fair	Assoc
17-3023	Electrical and Electronic Engineering Technicians	692	765	Avg	Good	Assoc
17-3025	Environmental Engineering Technicians	87	100	Avg	Fair	Assoc
17-3026	Industrial Engineering Technicians	216	236	Avg	Fair	Assoc
17-3027	Mechanical Engineering Technicians	129	115	+Avg	Poor	Assoc
17-3029	Engineering Technicians, Except Drafters, All Other	17	17	+Avg	Poor	Assoc
17-3031	Surveying and Mapping Technicians	161	174	Avg	Fair	MOJT
19-0000 Life, Physical, and Social Science Occupations						
19-1013	Soil and Plant Scientists	67	72	+Avg	Fair	Bach
19-1021	Biochemists and Biophysicists	589	767	High	Excl	PhD
19-1022	Microbiologists	156	152	+Avg	Poor	PhD
19-1023	Zoologists and Wildlife Biologists	14	14	High	Poor	Bach
19-1029	Biological Scientists, All Other	60	67	+Avg	Fair	PhD
19-2031	Chemists	1,060	984	High	Poor	Bach
19-2032	Materials Scientists	74	80	High	Fair	Bach
19-2041	Environmental Scientists and Specialists, Including Health	313	358	+Avg	Good	Mast
19-2042	Geoscientists, Except Hydrologists and Geographers	47	51	High	Poor	Mast
19-2043	Hydrologists	26	28	+Avg	Poor	Mast
19-3011	Economists	83	75	High	Poor	Mast
19-3021	Market Research Analysts	1,920	2,077	High	Excl	Bach
19-3031	Clinical, Counseling, and School Psychologists	390	424	High	Fair	PhD
19-3051	Urban and Regional Planners	196	216	+Avg	Fair	Mast
19-3093	Historians	36	40	+Avg	Poor	Mast
19-3099	Social Scientists and Related Workers, All Other	96	114	+Avg	Fair	Mast
19-4021	Biological Technicians	691	729	+Avg	Good	Bach
19-4031	Chemical Technicians	1,355	1,298	+Avg	Poor	Assoc
19-4061	Social Science Research Assistants	318	347	-Avg	Fair	Assoc
19-4091	Environmental Science and Protection Technicians, Including Health	79	101	-Avg	Fair	Assoc
21-0000 Community and Social Service Occupations						
21-1011	Substance Abuse and Behavioral Disorder Counselors	201	237	-Avg	Good	Bach
21-1012	Educational, Vocational, and School Counselors	994	1,096	+Avg	Good	Mast
21-1014	Mental Health Counselors	155	190	Avg	Good	Mast
21-1015	Rehabilitation Counselors	697	816	-Avg	Good	Mast
21-1019	Counselors, All Other	75	85	Avg	Fair	Mast
21-1021	Child, Family, and School Social Workers	2,023	2,213	Avg	Excl	Bach
21-1022	Medical and Public Health Social Workers	337	394	Avg	Good	Bach

Occupation Projections by Occupational Group

SOC Code	Title of Occupation	2008 Empl	2018 Empl	Wage Cat	Job Avail	Train/Educ
21-1023	Mental Health and Substance Abuse Social Workers	758	900	Avg	Good	Mast
21-1029	Social Workers, All Other	99	105	+Avg	Fair	Bach
21-1091	Health Educators	146	173	Avg	Fair	Bach
21-1093	Social and Human Service Assistants	853	1,007	-Avg	Excl	MOJT
21-1099	Community and Social Service Specialists, All Other	453	513	-Avg	Good	Bach
23-0000 Legal Occupations						
23-1011	Lawyers	2,903	3,003	High	Good	Prof
23-1023	Judges, Magistrate Judges, and Magistrates	126	121	High	Poor	Bach+
23-2011	Paralegals and Legal Assistants	1,193	1,342	+Avg	Excl	Assoc
23-2092	Law Clerks	772	772	Avg	Poor	Bach
23-2093	Title Examiners, Abstractors, and Searchers	110	98	-Avg	Poor	MOJT
25-0000 Education, Training, and Library Occupations						
25-1011	Business Teachers, Postsecondary	264	288	High	Fair	PhD
25-1022	Mathematical Science Teachers, Postsecondary	134	147	High	Fair	PhD
25-1066	Psychology Teachers, Postsecondary	100	109	High	Fair	PhD
25-1067	Sociology Teachers, Postsecondary	81	89	High	Fair	PhD
25-1071	Health Specialties Teachers, Postsecondary	164	181	+Avg	Fair	PhD
25-1072	Nursing Instructors and Teachers, Postsecondary	138	151	+Avg	Fair	PhD
25-1081	Education Teachers, Postsecondary	179	196	+Avg	Fair	PhD
25-1123	English Language and Literature Teachers, Postsecondary	267	291	High	Fair	PhD
25-1124	Foreign Language and Literature Teachers, Postsecondary	133	145	+Avg	Fair	PhD
25-1194	Vocational Education Teachers, Postsecondary	336	365	Avg	Fair	PhD
25-2011	Preschool Teachers, Except Special Education	1,750	2,023	Low	Excl	VocEd
25-2012	Kindergarten Teachers, Except Special Education	532	582	+Avg	Good	Bach
25-2021	Elementary School Teachers, Except Special Education	4,674	5,128	+Avg	Excl	Bach
25-2022	Middle School Teachers, Except Special and Vocational Education	1,891	2,066	+Avg	Excl	Bach
25-2031	Secondary School Teachers, Except Special and Vocational Education	1,702	1,759	+Avg	Good	Bach
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	1,221	1,371	Avg	Excl	Bach
25-2042	Special Education Teachers, Middle School	522	584	+Avg	Good	Bach
25-2043	Special Education Teachers, Secondary School	449	485	+Avg	Good	Bach
25-3021	Self-Enrichment Education Teachers	470	617	Avg	Excl	Exp
25-3099	Teachers and Instructors, All Other	2,095	2,371	Avg	Excl	Bach
25-4013	Museum Technicians and Conservators	82	101	-Avg	Fair	Bach
25-4021	Librarians	496	507	+Avg	Fair	Mast
25-4031	Library Technicians	329	356	-Avg	Fair	VocEd
25-9031	Instructional Coordinators	394	471	+Avg	Good	Mast
25-9041	Teacher Assistants	2,293	2,432	Low	Good	STOJT
25-9099	Education, Training, and Library Workers, All Other	76	82	Avg	Fair	Bach
27-0000 Arts, Design, Entertainment, Sports, and Media Occupations						
27-1011	Art Directors	108	116	High	Fair	Bach+
27-1023	Floral Designers	166	159	Low	Poor	STOJT
27-1024	Graphic Designers	508	540	Avg	Fair	Bach

Occupation Projections by Occupational Group

SOC Code	Title of Occupation	2008 Empl	2018 Empl	Wage Cat	Job Avail	Train/Educ
27-1025	Interior Designers	191	213	Avg	Fair	Assoc
27-1026	Merchandise Displayers and Window Trimmers	397	422	-Avg	Fair	MOJT
27-1027	Set and Exhibit Designers	31	34	+Avg	Poor	Bach
27-2021	Athletes and Sports Competitors	62	69	+Avg	Fair	LTOJT
27-2022	Coaches and Scouts	541	655	Avg	Good	LTOJT
27-3011	Radio and Television Announcers	42	49	-Avg	Fair	LTOJT
27-3012	Public Address System and Other Announcers	53	60	-Avg	Fair	MOJT
27-3022	Reporters and Correspondents	115	106	Avg	Poor	Bach
27-3031	Public Relations Specialists	931	1,101	+Avg	Excl	Bach
27-3041	Editors	310	330	+Avg	Fair	Bach
27-3042	Technical Writers	121	130	+Avg	Fair	Bach
27-3043	Writers and Authors	228	262	+Avg	Fair	Bach
27-4011	Audio and Video Equipment Technicians	151	175	Avg	Fair	VocEd
27-4012	Broadcast Technicians	45	57	Avg	Fair	Assoc
27-4021	Photographers	274	289	-Avg	Fair	LTOJT
27-4032	Film and Video Editors	25	32	Avg	Fair	Bach
27-4099	Media and Communication Equipment Workers, All Other	40	39	High	Poor	MOJT
29-0000 Healthcare Practitioners and Technical Occupations						
29-1011	Chiropractors	211	251	High	Good	Prof
29-1021	Dentists, General	405	454	High	Good	Prof
29-1031	Dietitians and Nutritionists	374	421	+Avg	Good	Bach
29-1041	Optometrists	74	91	High	Fair	Prof
29-1051	Pharmacists	789	916	High	Good	Prof
29-1061	Anesthesiologists	181	220	High	Good	Prof
29-1062	Family and General Practitioners	376	456	High	Good	Prof
29-1063	Internists, General	265	322	High	Good	Prof
29-1064	Obstetricians and Gynecologists	53	63	High	Fair	Prof
29-1066	Psychiatrists	95	113	High	Fair	Prof
29-1067	Surgeons	358	438	High	Good	Prof
29-1069	Physicians and Surgeons, All Other	1,300	1,559	High	Excl	Prof
29-1071	Physician Assistants	266	366	High	Good	Mast
29-1081	Podiatrists	93	101	High	Fair	Prof
29-1111	Registered Nurses	9,434	12,096	High	Excl	Assoc
29-1122	Occupational Therapists	320	412	+Avg	Good	Mast
29-1123	Physical Therapists	551	714	High	Excl	Mast
29-1125	Recreational Therapists	94	112	Avg	Fair	Bach
29-1126	Respiratory Therapists	393	508	+Avg	Good	Assoc
29-1127	Speech-Language Pathologists	381	454	High	Good	Mast
29-1129	Therapists, All Other	75	89	+Avg	Fair	Bach
29-1131	Veterinarians	212	247	High	Good	Prof
29-2011	Medical and Clinical Laboratory Technologists	417	475	+Avg	Good	Bach
29-2012	Medical and Clinical Laboratory Technicians	301	358	Avg	Good	Assoc

SOC Code	Title of Occupation	2008 Empl	2018 Empl	Wage Cat	Job Avail	Train/Educ
29-2021	Dental Hygienists	510	655	High	Excl	Assoc
29-2031	Cardiovascular Technologists and Technicians	152	200	+Avg	Good	Assoc
29-2032	Diagnostic Medical Sonographers	199	242	+Avg	Good	Assoc
29-2033	Nuclear Medicine Technologists	79	96	High	Fair	Assoc
29-2034	Radiologic Technologists and Technicians	878	1,074	+Avg	Excl	Assoc
29-2041	Emergency Medical Technicians and Paramedics	743	791	Avg	Good	VocEd
29-2051	Dietetic Technicians	177	222	Low	Good	VocEd
29-2052	Pharmacy Technicians	1,432	1,873	Low	Excl	MOJT
29-2053	Psychiatric Technicians	188	205	-Avg	Fair	VocEd
29-2055	Surgical Technologists	217	286	Avg	Good	VocEd
29-2056	Veterinary Technologists and Technicians	250	293	-Avg	Good	Assoc
29-2061	Licensed Practical and Licensed Vocational Nurses	2,210	2,778	Avg	Excl	VocEd
29-2071	Medical Records and Health Information Technicians	414	502	-Avg	Good	Assoc
29-2081	Opticians, Dispensing	116	123	-Avg	Fair	LTOJT
29-2099	Health Technologists and Technicians, All Other	97	116	Avg	Fair	VocEd
29-9011	Occupational Health and Safety Specialists	219	242	+Avg	Fair	Bach
29-9012	Occupational Health and Safety Technicians	16	21	Avg	Fair	Assoc
29-9091	Athletic Trainers	30	46	Avg	Fair	Bach
29-9099	Healthcare Practitioners and Technical Workers, All Other	99	117	+Avg	Fair	Bach
31-0000 Healthcare Support Occupations						
31-1012	Nursing Aides, Orderlies, and Attendants	5,395	6,744	Low	Excl	VocEd
31-2011	Occupational Therapist Assistants	117	157	+Avg	Good	Assoc
31-2012	Occupational Therapist Aides	24	33	Low	Fair	STOJT
31-2021	Physical Therapist Assistants	202	266	Avg	Good	Assoc
31-2022	Physical Therapist Aides	215	283	Low	Good	STOJT
31-9011	Massage Therapists	250	309	Avg	Good	VocEd
31-9091	Dental Assistants	775	992	-Avg	Excl	MOJT
31-9092	Medical Assistants	1,127	1,479	-Avg	Excl	MOJT
31-9093	Medical Equipment Preparers	207	247	-Avg	Good	STOJT
31-9094	Medical Transcriptionists	255	284	-Avg	Fair	VocEd
31-9095	Pharmacy Aides	43	37	Low	Poor	STOJT
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	281	297	Low	Fair	STOJT
31-9099	Healthcare Support Workers, All Other	325	382	-Avg	Good	STOJT
33-0000 Protective Service Occupations						
33-1012	First-Line Supervisors/Managers of Police and Detectives	180	191	High	Fair	Exp
33-1099	First-Line Supervisors/Managers, Protective Service Workers, All Other	210	233	Avg	Fair	Exp
33-2011	Fire Fighters	388	453	+Avg	Good	LTOJT
33-2021	Fire Inspectors and Investigators	82	88	Avg	Fair	Exp
33-3021	Detectives and Criminal Investigators	235	262	High	Fair	Exp
33-3051	Police and Sheriff's Patrol Officers	1,828	1,959	+Avg	Good	LTOJT
33-9011	Animal Control Workers	120	129	-Avg	Fair	MOJT
33-9032	Security Guards	3,509	3,949	Low	Excl	STOJT

Occupation Projections by Occupational Group

SOC Code	Title of Occupation	2008 Empl	2018 Empl	Wage Cat	Job Avail	Train/Educ
33-9091	Crossing Guards	400	437	-Avg	Good	STOJT
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	740	825	Low	Good	STOJT
33-9099	Protective Service Workers, All Other	183	212	Low	Fair	STOJT
35-0000 Food Preparation and Serving-Related Occupations						
35-1011	Chefs and Head Cooks	258	268	Avg	Fair	Exp
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	2,598	2,816	-Avg	Excl	Exp
35-2011	Cooks, Fast Food	705	775	Low	Good	STOJT
35-2012	Cooks, Institution and Cafeteria	653	769	Low	Good	MOJT
35-2014	Cooks, Restaurant	3,430	3,769	Low	Excl	LTOJT
35-2015	Cooks, Short Order	468	470	Low	Poor	STOJT
35-2021	Food Preparation Workers	1,859	2,012	Low	Excl	STOJT
35-3011	Bartenders	1,883	2,100	Low	Excl	STOJT
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	7,473	8,679	Low	Excl	STOJT
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	3,192	3,447	Low	Excl	STOJT
35-3031	Waiters and Waitresses	7,483	8,120	Low	Excl	STOJT
35-3041	Food Servers, Nonrestaurant	821	926	Low	Good	STOJT
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	1,282	1,419	Low	Good	STOJT
35-9021	Dishwashers	1,670	1,917	Low	Excl	STOJT
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	1,392	1,513	Low	Good	STOJT
35-9099	Food Preparation and Serving Related Workers, All Other	79	80	Low	Poor	STOJT
37-0000 Building and Grounds Cleaning and Maintenance Occupations						
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	1,303	1,305	-Avg	Poor	Exp
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers	500	579	Avg	Good	Exp
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	6,875	7,135	Low	Excl	STOJT
37-2012	Maids and Housekeeping Cleaners	2,816	2,879	Low	Good	STOJT
37-2021	Pest Control Workers	174	198	-Avg	Fair	MOJT
37-3011	Landscaping and Groundskeeping Workers	3,586	4,216	Low	Excl	STOJT
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	145	176	-Avg	Fair	MOJT
39-0000 Personal Care and Service Occupations						
39-1021	First-Line Supervisors/Managers of Personal Service Workers	716	816	Avg	Good	Exp
39-2011	Animal Trainers	153	182	-Avg	Fair	MOJT
39-2021	Nonfarm Animal Caretakers	695	786	Low	Good	STOJT
39-3021	Motion Picture Projectionists	14	16	Low	Poor	STOJT
39-3031	Ushers, Lobby Attendants, and Ticket Takers	178	206	Low	Fair	STOJT
39-3091	Amusement and Recreation Attendants	655	770	Low	Good	STOJT
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	28	31	Low	Poor	STOJT
39-5011	Barbers	505	563	-Avg	Good	VocEd
39-5012	Hairdressers, Hairstylists, and Cosmetologists	2,205	2,544	-Avg	Excl	VocEd
39-5092	Manicurists and Pedicurists	172	196	Low	Fair	VocEd
39-5093	Shampooers	417	454	Low	Good	STOJT
39-6011	Baggage Porters and Bellhops	35	37	Low	Poor	STOJT

Occupation Projections by Occupational Group

SOC Code	Title of Occupation	2008 Empl	2018 Empl	Wage Cat	Job Avail	Train/Educ
39-6012	Concierges	40	45	Low	Fair	MOJT
39-6021	Tour Guides and Escorts	133	148	Low	Fair	MOJT
39-6032	Transportation Attendants, Except Flight Attendants and Baggage Porters	26	27	Low	Poor	STOJT
39-9011	Child Care Workers	2,365	2,585	Low	Excl	STOJT
39-9021	Personal and Home Care Aides	658	979	Low	Excl	STOJT
39-9031	Fitness Trainers and Aerobics Instructors	1,777	2,135	Low	Excl	VocEd
39-9032	Recreation Workers	1,316	1,494	Low	Excl	STOJT
39-9041	Residential Advisors	356	375	-Avg	Fair	STOJT
39-9099	Personal Care and Service Workers, All Other	52	56	Low	Poor	STOJT
41-0000 Sales and Related Occupations						
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	4,581	4,872	Avg	Excl	Exp
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	987	1,001	High	Fair	Exp
41-2011	Cashiers	11,194	11,812	Low	Excl	STOJT
41-2021	Counter and Rental Clerks	1,615	1,578	Low	Poor	STOJT
41-2031	Retail Salespersons	16,709	17,908	Low	Excl	STOJT
41-3011	Advertising Sales Agents	203	202	Avg	Poor	MOJT
41-3021	Insurance Sales Agents	1,175	1,349	+Avg	Excl	VocEd
41-3031	Securities, Commodities, and Financial Services Sales Agents	1,294	1,360	High	Good	Bach
41-3041	Travel Agents	167	160	-Avg	Poor	VocEd
41-3099	Sales Representatives, Services, All Other	2,467	2,803	+Avg	Excl	Exp
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	1,330	1,428	High	Good	Exp
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	2,838	2,936	High	Good	Exp
41-9011	Demonstrators and Product Promoters	352	359	Low	Fair	MOJT
41-9021	Real Estate Brokers	193	206	High	Fair	Exp
41-9022	Real Estate Sales Agents	1,849	2,095	+Avg	Excl	VocEd
41-9041	Telemarketers	1,156	962	-Avg	Poor	STOJT
41-9099	Sales and Related Workers, All Other	356	384	Avg	Fair	MOJT
43-0000 Office and Administrative Support Occupations						
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	4,384	4,639	+Avg	Excl	Exp
43-2011	Switchboard Operators, Including Answering Service	500	449	Low	Poor	STOJT
43-2021	Telephone Operators	70	79	Low	Fair	STOJT
43-3011	Bill and Account Collectors	2,423	2,581	-Avg	Excl	STOJT
43-3021	Billing and Posting Clerks and Machine Operators	2,033	2,242	-Avg	Excl	STOJT
43-3031	Bookkeeping, Accounting, and Auditing Clerks	6,642	7,054	-Avg	Excl	MOJT
43-3051	Payroll and Timekeeping Clerks	467	424	-Avg	Poor	MOJT
43-3071	Tellers	1,407	1,351	Low	Poor	STOJT
43-4011	Brokerage Clerks	233	232	Avg	Poor	MOJT
43-4031	Court, Municipal, and License Clerks	222	238	-Avg	Fair	STOJT
43-4051	Customer Service Representatives	8,411	9,223	-Avg	Excl	MOJT
43-4071	File Clerks	720	518	Low	Poor	STOJT
43-4081	Hotel, Motel, and Resort Desk Clerks	582	649	Low	Good	STOJT

Occupation Projections by Occupational Group

SOC Code	Title of Occupation	2008 Empl	2018 Empl	Wage Cat	Job Avail	Train/Educ
43-4111	Interviewers, Except Eligibility and Loan	514	627	-Avg	Good	STOJT
43-4121	Library Assistants, Clerical	317	342	Low	Fair	STOJT
43-4131	Loan Interviewers and Clerks	1,251	1,174	-Avg	Poor	STOJT
43-4141	New Accounts Clerks	387	358	-Avg	Poor	Exp
43-4151	Order Clerks	1,043	794	-Avg	Poor	STOJT
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	442	393	-Avg	Poor	STOJT
43-4171	Receptionists and Information Clerks	3,720	4,133	Low	Excl	STOJT
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	92	99	Low	Fair	STOJT
43-4199	Information and Record Clerks, All Other	402	351	-Avg	Poor	STOJT
43-5011	Cargo and Freight Agents	60	64	Avg	Poor	MOJT
43-5021	Couriers and Messengers	462	439	Low	Poor	STOJT
43-5031	Police, Fire, and Ambulance Dispatchers	223	256	Avg	Fair	MOJT
43-5032	Dispatchers, Except Police, Fire, and Ambulance	687	710	Avg	Fair	MOJT
43-5041	Meter Readers, Utilities	181	149	Avg	Poor	STOJT
43-5051	Postal Service Clerks	236	202	Avg	Poor	STOJT
43-5052	Postal Service Mail Carriers	1,079	1,121	Avg	Good	STOJT
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	532	390	Avg	Poor	STOJT
43-5061	Production, Planning, and Expediting Clerks	715	707	Avg	Poor	MOJT
43-5071	Shipping, Receiving, and Traffic Clerks	1,990	1,871	-Avg	Poor	STOJT
43-5081	Stock Clerks and Order Fillers	6,124	6,596	Low	Excl	STOJT
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	121	107	-Avg	Poor	STOJT
43-6011	Executive Secretaries and Administrative Assistants	5,003	5,235	Avg	Excl	Exp
43-6012	Legal Secretaries	1,289	1,339	Avg	Good	Assoc
43-6013	Medical Secretaries	2,502	3,124	-Avg	Excl	MOJT
43-6014	Secretaries, Except Legal, Medical, and Executive	6,629	6,376	-Avg	Poor	MOJT
43-9011	Computer Operators	542	378	Avg	Poor	MOJT
43-9021	Data Entry Keyers	1,243	1,071	Low	Poor	MOJT
43-9022	Word Processors and Typists	285	263	-Avg	Poor	MOJT
43-9031	Desktop Publishers	50	40	-Avg	Poor	VocEd
43-9041	Insurance Claims and Policy Processing Clerks	811	817	Avg	Fair	MOJT
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	528	458	Low	Poor	STOJT
43-9061	Office Clerks, General	10,352	10,754	Low	Excl	STOJT
43-9071	Office Machine Operators, Except Computer	216	199	-Avg	Poor	STOJT
43-9199	Office and Administrative Support Workers, All Other	501	436	-Avg	Poor	STOJT
45-0000 Farming, Fishing, and Forestry Occupations						
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	181	190	Avg	Fair	Exp
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	1,734	1,522	Low	Poor	STOJT
45-2093	Farmworkers, Farm and Ranch Animals	580	555	Low	Poor	STOJT
47-0000 Construction and Extraction Occupations						
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	2,480	2,736	+Avg	Excl	Exp
47-2021	Brickmasons and Blockmasons	460	482	Avg	Fair	LTOJT
47-2031	Carpenters	3,505	3,692	Avg	Excl	LTOJT

SOC Code	Title of Occupation	2008 Empl	2018 Empl	Wage Cat	Job Avail	Train/Educ
47-2041	Carpet Installers	91	89	Avg	Poor	MOJT
47-2051	Cement Masons and Concrete Finishers	583	608	Avg	Fair	MOJT
47-2061	Construction Laborers	4,032	4,608	-Avg	Excl	MOJT
47-2071	Paving, Surfacing, and Tamping Equipment Operators	320	343	Avg	Fair	MOJT
47-2073	Operating Engineers and Other Construction Equipment Operators	1,323	1,383	Avg	Good	MOJT
47-2081	Drywall and Ceiling Tile Installers	289	306	Avg	Fair	MOJT
47-2082	Tapers	30	31	+Avg	Poor	MOJT
47-2111	Electricians	2,217	2,285	Avg	Good	LTOJT
47-2131	Insulation Workers, Floor, Ceiling, and Wall	237	272	Avg	Good	MOJT
47-2132	Insulation Workers, Mechanical	427	477	Avg	Good	MOJT
47-2141	Painters, Construction and Maintenance	1,213	1,232	-Avg	Fair	MOJT
47-2151	Pipelayers	124	140	Avg	Fair	STOJT
47-2152	Plumbers, Pipefitters, and Steamfitters	1,669	1,808	+Avg	Good	LTOJT
47-2161	Plasterers and Stucco Masons	67	67	Avg	Poor	LTOJT
47-2181	Roofers	301	292	-Avg	Poor	MOJT
47-2211	Sheet Metal Workers	647	627	Avg	Poor	LTOJT
47-2221	Structural Iron and Steel Workers	195	203	Avg	Fair	LTOJT
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	113	120	Low	Fair	STOJT
47-3012	Helpers--Carpenters	233	254	Low	Fair	STOJT
47-3013	Helpers--Electricians	365	422	Low	Good	STOJT
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	124	145	Low	Fair	STOJT
47-3019	Helpers, Construction Trades, All Other	69	71	Low	Poor	STOJT
47-4011	Construction and Building Inspectors	433	484	Avg	Good	Exp
47-4041	Hazardous Materials Removal Workers	110	108	Avg	Poor	MOJT
47-4051	Highway Maintenance Workers	79	85	-Avg	Fair	MOJT
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	70	77	-Avg	Fair	MOJT
47-4099	Construction and Related Workers, All Other	24	27	-Avg	Poor	MOJT
49-0000 Installation, Maintenance, and Repair Occupations						
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	1,393	1,456	+Avg	Good	Exp
49-2011	Computer, Automated Teller, and Office Machine Repairers	291	246	Avg	Poor	VocEd
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	445	523	Avg	Good	VocEd
49-2091	Avionics Technicians	78	68	Avg	Poor	VocEd
49-2092	Electric Motor, Power Tool, and Related Repairers	15	17	Avg	Poor	VocEd
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	292	271	+Avg	Poor	VocEd
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	223	277	High	Good	VocEd
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	69	69	Low	Poor	VocEd
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	182	203	-Avg	Fair	VocEd
49-2098	Security and Fire Alarm Systems Installers	187	225	Avg	Good	VocEd
49-3011	Aircraft Mechanics and Service Technicians	443	462	+Avg	Fair	VocEd
49-3021	Automotive Body and Related Repairers	510	512	Avg	Poor	LTOJT
49-3023	Automotive Service Technicians and Mechanics	2,663	2,852	-Avg	Excl	VocEd
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	461	471	Avg	Fair	VocEd

Occupation Projections by Occupational Group

SOC Code	Title of Occupation	2008 Empl	2018 Empl	Wage Cat	Job Avail	Train/Educ
49-3041	Farm Equipment Mechanics	74	75	-Avg	Poor	LTOJT
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	498	516	Avg	Fair	LTOJT
49-3043	Rail Car Repairers	155	179	Avg	Fair	LTOJT
49-3051	Motorboat Mechanics	115	133	-Avg	Fair	LTOJT
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	67	73	-Avg	Fair	MOJT
49-3093	Tire Repairers and Changers	250	266	Low	Fair	STOJT
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	176	181	+Avg	Fair	MOJT
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	1,509	1,817	Avg	Excl	VocEd
49-9031	Home Appliance Repairers	121	120	-Avg	Poor	LTOJT
49-9041	Industrial Machinery Mechanics	740	716	+Avg	Poor	LTOJT
49-9042	Maintenance and Repair Workers, General	4,053	4,409	-Avg	Excl	MOJT
49-9043	Maintenance Workers, Machinery	62	61	Avg	Poor	MOJT
49-9044	Millwrights	153	148	+Avg	Poor	LTOJT
49-9051	Electrical Power-Line Installers and Repairers	417	458	+Avg	Good	LTOJT
49-9052	Telecommunications Line Installers and Repairers	1,302	1,523	+Avg	Excl	LTOJT
49-9069	Precision Instrument and Equipment Repairers, All Other	28	28	+Avg	Poor	MOJT
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	420	467	Low	Good	MOJT
49-9094	Locksmiths and Safe Repairers	31	35	Avg	Poor	MOJT
49-9095	Manufactured Building and Mobile Home Installers	105	108	-Avg	Poor	MOJT
49-9098	Helpers--Installation, Maintenance, and Repair Workers	550	591	Low	Good	STOJT
49-9099	Installation, Maintenance, and Repair Workers, All Other	454	478	-Avg	Fair	MOJT
51-0000 Production Occupations						
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	1,527	1,361	+Avg	Poor	Exp
51-2011	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	131	120	-Avg	Poor	MOJT
51-2022	Electrical and Electronic Equipment Assemblers	354	295	-Avg	Poor	STOJT
51-2031	Engine and Other Machine Assemblers	13	8	-Avg	Poor	STOJT
51-2041	Structural Metal Fabricators and Fitters	260	249	-Avg	Poor	MOJT
51-2092	Team Assemblers	816	770	-Avg	Poor	MOJT
51-3011	Bakers	351	344	Low	Poor	LTOJT
51-3021	Butchers and Meat Cutters	315	337	-Avg	Fair	LTOJT
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	4,428	4,704	Low	Excl	STOJT
51-3092	Food Batchmakers	38	41	Low	Poor	STOJT
51-3093	Food Cooking Machine Operators and Tenders	111	116	Low	Fair	STOJT
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	180	173	-Avg	Poor	MOJT
51-4012	Numerical Tool and Process Control Programmers	19	13	Avg	Poor	Exp
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	117	117	-Avg	Poor	MOJT
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	135	94	-Avg	Poor	MOJT
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	380	281	-Avg	Poor	MOJT
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	26	17	-Avg	Poor	MOJT
51-4041	Machinists	533	518	Avg	Poor	LTOJT

SOC Code	Title of Occupation	2008 Empl	2018 Empl	Wage Cat	Job Avail	Train/Educ
51-4111	Tool and Die Makers	61	44	+Avg	Poor	LTOJT
51-4121	Welders, Cutters, Solderers, and Brazers	530	509	Avg	Poor	VocEd
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	34	27	-Avg	Poor	VocEd
51-4199	Metal Workers and Plastic Workers, All Other	153	136	Avg	Poor	MOJT
51-5022	Prepress Technicians and Workers	114	85	-Avg	Poor	VocEd
51-5023	Printing Machine Operators	327	303	-Avg	Poor	MOJT
51-6011	Laundry and Dry-Cleaning Workers	829	820	Low	Poor	MOJT
51-6031	Sewing Machine Operators	114	98	Low	Poor	MOJT
51-6093	Upholsterers	157	169	Avg	Fair	LTOJT
51-7011	Cabinetmakers and Bench Carpenters	339	309	-Avg	Poor	LTOJT
51-7021	Furniture Finishers	38	39	-Avg	Poor	LTOJT
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	21	18	-Avg	Poor	MOJT
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	69	62	Low	Poor	MOJT
51-8012	Power Distributors and Dispatchers	61	69	High	Fair	LTOJT
51-8013	Power Plant Operators	228	251	+Avg	Fair	LTOJT
51-8021	Stationary Engineers and Boiler Operators	53	44	+Avg	Poor	LTOJT
51-8031	Water and Liquid Waste Treatment Plant and System Operators	266	330	Avg	Good	LTOJT
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers	60	59	+Avg	Poor	LTOJT
51-9011	Chemical Equipment Operators and Tenders	672	479	+Avg	Poor	MOJT
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	58	57	-Avg	Poor	MOJT
51-9022	Grinding and Polishing Workers, Hand	18	16	-Avg	Poor	MOJT
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	158	162	-Avg	Poor	MOJT
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	129	125	-Avg	Poor	MOJT
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	187	189	-Avg	Poor	MOJT
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	765	667	-Avg	Poor	MOJT
51-9071	Jewelers and Precious Stone and Metal Workers	87	83	-Avg	Poor	VocEd
51-9081	Dental Laboratory Technicians	423	348	Low	Poor	MOJT
51-9083	Ophthalmic Laboratory Technicians	82	91	Low	Fair	MOJT
51-9111	Packaging and Filling Machine Operators and Tenders	789	759	-Avg	Poor	STOJT
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	35	34	-Avg	Poor	MOJT
51-9122	Painters, Transportation Equipment	116	126	Avg	Fair	MOJT
51-9131	Photographic Process Workers	57	57	Low	Poor	STOJT
51-9132	Photographic Processing Machine Operators	208	150	Low	Poor	STOJT
51-9191	Cementing and Gluing Machine Operators and Tenders	33	32	Low	Poor	MOJT
51-9198	Helpers--Production Workers	960	993	Low	Fair	STOJT
51-9199	Production Workers, All Other	426	320	Avg	Poor	MOJT
53-0000 Transportation and Material Moving Occupations						
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle Operators	670	643	+Avg	Poor	Exp
53-2011	Airline Pilots, Copilots, and Flight Engineers	51	56	High	Fair	Bach
53-2012	Commercial Pilots	111	132	High	Fair	VocEd

Occupation Projections by Occupational Group

SOC Code	Title of Occupation	2008 Empl	2018 Empl	Wage Cat	Job Avail	Train/Educ
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	98	102	Low	Poor	MOJT
53-3021	Bus Drivers, Transit and Intercity	200	209	Low	Fair	MOJT
53-3022	Bus Drivers, School	1,465	1,636	Low	Excl	MOJT
53-3031	Driver/Sales Workers	1,363	1,441	Low	Good	STOJT
53-3032	Truck Drivers, Heavy and Tractor-Trailer	4,186	4,620	Avg	Excl	STOJT
53-3033	Truck Drivers, Light or Delivery Services	3,035	3,154	-Avg	Good	STOJT
53-3041	Taxi Drivers and Chauffeurs	596	694	Low	Good	STOJT
53-3099	Motor Vehicle Operators, All Other	216	225	Low	Fair	STOJT
53-4031	Railroad Conductors and Yardmasters	35	36	+Avg	Poor	MOJT
53-5021	Captains, Mates, and Pilots of Water Vessels	14	15	High	Poor	Exp
53-6021	Parking Lot Attendants	341	335	Low	Poor	STOJT
53-6031	Service Station Attendants	67	68	Low	Poor	STOJT
53-6051	Transportation Inspectors	155	182	Avg	Fair	Exp
53-7011	Conveyor Operators and Tenders	15	15	-Avg	Poor	STOJT
53-7021	Crane and Tower Operators	121	95	Avg	Poor	LTOJT
53-7032	Excavating and Loading Machine and Dragline Operators	160	171	Avg	Fair	MOJT
53-7051	Industrial Truck and Tractor Operators	1,309	1,355	-Avg	Good	STOJT
53-7061	Cleaners of Vehicles and Equipment	957	968	Low	Fair	STOJT
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	5,963	5,828	Low	Poor	STOJT
53-7064	Packers and Packagers, Hand	2,968	2,992	Low	Fair	STOJT
53-7081	Refuse and Recyclable Material Collectors	441	488	-Avg	Good	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 2008 to 2018, 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 2008 average annual wage. The SOC code can be used to refer back to the previous listing to find the usual education requirements for the occupation.

The Marketing, Sales & Service cluster is expected to generate the most job openings, more than 22,800, while the Government and Public Administration cluster is expected to generate the fewest, at just over 800. 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 \$79,256 in 2008. Hospitality and Tourism had the lowest average wage; this cluster's occupations paid an average \$23,661 in 2008. 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, 2008 – 2018

Career Cluster	Average Wage 2008	Rank	Total Openings	Rank	Percent Total Openings	New Jobs	Ann. Pct. Growth
Agriculture, Food, & Natural Resources	\$36,538	13th	2,892	14th	2.1%	1,043	0.8%
Architecture & Construction	\$47,626	7th	7,735	7th	5.6%	2,582	0.8%
Arts, A/V Technology & Communications	\$47,109	9th	2,331	15th	1.7%	710	1.0%
Business Management & Administration	\$46,988	10th	21,330	2nd	22.8%	4,759	0.4%
Education & Training	\$47,593	8th	8,049	6th	5.8%	2,643	1.0%
Finance	\$55,151	6th	6,679	8th	4.9%	1,649	0.5%
Government & Public Administration	\$55,222	5th	806	16th	0.6%	396	1.6%
Health Science	\$63,259	4th	15,094	4th	11.0%	8,648	2.2%
Hospitality & Tourism	\$23,661	16th	20,115	3rd	14.6%	4,615	1.0%
Human Services	\$32,264	15th	4,512	10th	3.3%	1,801	1.4%
Information Technology	\$79,256	1st	4,301	12th	3.1%	1,628	0.8%
Law, Public Safety & Security	\$63,845	3rd	4,309	11th	3.1%	1,145	0.8%
Manufacturing	\$42,250	11th	4,864	9th	3.5%	724	-0.3%
Marketing, Sales & Service	\$36,880	12th	22,805	1st	16.6%	4,112	0.6%
Science, Technology, Engineering & Mathematics	\$76,958	2nd	3,082	13th	2.2%	511	0.2%
Transportation, Distribution & Logistics	\$35,759	14th	8,719	5th	6.3%	1,413	0.3%

Occupation Projections by Career Cluster Table

SOC Code	Educ/Training	Title of Occupation	Ave Annual Growth Rate	Ave Annual Openings due to Growth	Ave Annual Openings due to Replacements	2008 Average Annual Wages
<i>Agriculture, Food and Natural Resources</i>						
39-2011	MOJT	Animal Trainers	1.8%	3	3	\$35,672
19-1029	PhD	Biological Scientists, All Other	1.1%	1	2	\$52,187
17-3025	Assoc	Environmental Engineering Technicians	1.4%	1	2	\$39,291
17-2081	Bach	Environmental Engineers	1.1%	3	5	\$71,760
49-3041	LTOJT	Farm Equipment Mechanics	0.1%	0	1	\$35,131
45-2092	STOJT	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	-1.3%	0	47	\$23,878
45-2093	STOJT	Farmworkers, Farm and Ranch Animals	-0.4%	0	16	\$27,477
45-1011	Exp	First-Line Supervisors/Managers of Farming, Fishing, & Forestry Workers	0.5%	1	5	\$47,382
37-1012	Exp	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers	1.5%	8	5	\$49,650
37-3011	STOJT	Landscaping and Groundskeeping Workers	1.6%	63	43	\$25,438
11-9121	Bach+	Natural Sciences Managers	-0.2%	0	12	\$149,926
39-2021	STOJT	Nonfarm Animal Caretakers	1.2%	9	15	\$20,259
37-2021	MOJT	Pest Control Workers	1.3%	2	6	\$32,926
37-3012	MOJT	Pesticide Handlers, Sprayers, and Applicators, Vegetation	2.0%	3	2	\$36,546
51-8093	LTOJT	Petroleum Pump System Operators, Refinery Operators, and Gaugers	-0.2%	0	1	\$56,347
51-8012	LTOJT	Power Distributors and Dispatchers	1.2%	1	2	\$70,928
51-8013	LTOJT	Power Plant Operators	1.0%	2	8	\$63,357
19-1013	Bach	Soil and Plant Scientists	0.7%	1	2	\$55,370
51-8021	LTOJT	Stationary Engineers and Boiler Operators	-1.8%	0	1	\$60,902
51-8031	LTOJT	Water and Liquid Waste Treatment Plant and System Operators	2.2%	6	6	\$38,667
19-1023	Bach	Zoologists and Wildlife Biologists	0.0%	0	1	\$84,469
<i>Architecture and Construction</i>						
17-1011	Bach	Architects, Except Landscape and Naval	0.4%	1	4	\$82,202
17-3011	VocEd	Architectural and Civil Drafters	-0.5%	0	9	\$45,968
47-2021	LTOJT	Brickmasons and Blockmasons	0.5%	2	12	\$49,837
47-2031	LTOJT	Carpenters	0.5%	19	44	\$44,408
47-2051	MOJT	Cement Masons and Concrete Finishers	0.4%	3	15	\$41,746
47-4011	Exp	Construction and Building Inspectors	1.1%	5	9	\$46,571
47-4099	MOJT	Construction and Related Workers, All Other	1.2%	0	1	\$32,781
47-2061	MOJT	Construction Laborers	1.3%	58	27	\$30,576
11-9021	Bach	Construction Managers	1.3%	24	13	\$94,245
49-9012	MOJT	Control and Valve Installers and Repairers, Except Mechanical Door	0.3%	1	3	\$61,131
53-7011	STOJT	Conveyor Operators and Tenders	0.0%	0	0	\$29,245
13-1051	Bach	Cost Estimators	1.6%	13	17	\$59,946
53-7021	LTOJT	Crane and Tower Operators	-2.4%	0	3	\$38,730
47-2081	MOJT	Drywall and Ceiling Tile Installers	0.6%	2	3	\$44,803
17-3012	VocEd	Electrical and Electronics Drafters	0.0%	0	3	\$57,512

SOC Code	Educ/Training	Title of Occupation	Ave Annual Growth Rate	Ave Annual Openings due to Growth	Ave Annual Openings due to Replacements	2008 Average Annual Wages
49-2095	VocEd	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	2.2%	5	4	\$69,867
49-9051	LTOJT	Electrical Power-Line Installers and Repairers	0.9%	4	15	\$57,387
47-2111	LTOJT	Electricians	0.3%	7	54	\$49,213
53-7032	MOJT	Excavating and Loading Machine and Dragline Operators	0.7%	1	5	\$41,246
47-1011	Exp	First-Line Supervisors/Managers of Construction Trades & Extraction Workers	1.0%	26	48	\$63,669
47-4041	MOJT	Hazardous Materials Removal Workers	-0.2%	0	3	\$42,765
49-9021	VocEd	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	1.9%	31	24	\$42,203
47-3019	STOJT	Helpers, Construction Trades, All Other	0.3%	0	1	\$24,502
47-3011	STOJT	Helpers--Brickmasons, Blockmasons, Stonemasons, & Tile & Marble Setters	0.6%	1	2	\$28,496
47-3012	STOJT	Helpers--Carpenters	0.9%	2	5	\$24,898
47-3013	STOJT	Helpers--Electricians	1.5%	6	8	\$26,666
49-9098	STOJT	Helpers--Installation, Maintenance, and Repair Workers	0.7%	4	26	\$27,851
47-3015	STOJT	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	1.6%	2	3	\$27,810
47-4051	MOJT	Highway Maintenance Workers	0.7%	1	2	\$30,992
47-2131	MOJT	Insulation Workers, Floor, Ceiling, and Wall	1.4%	4	8	\$37,648
47-2132	MOJT	Insulation Workers, Mechanical	1.1%	5	14	\$45,386
17-1012	Bach	Landscape Architects	1.5%	2	2	\$47,861
17-3013	VocEd	Mechanical Drafters	0.0%	0	5	\$58,302
43-5041	STOJT	Meter Readers, Utilities	-1.9%	0	5	\$42,973
47-2073	MOJT	Operating Engineers and Other Construction Equipment Operators	0.4%	6	23	\$44,117
47-2141	MOJT	Painters, Construction and Maintenance	0.2%	2	21	\$35,464
47-2071	MOJT	Paving, Surfacing, and Tamping Equipment Operators	0.7%	2	5	\$41,725
47-2151	STOJT	Pipelayers	1.2%	2	3	\$40,248
47-2161	LTOJT	Plasterers and Stucco Masons	0.0%	0	1	\$42,578
47-2152	LTOJT	Plumbers, Pipefitters, and Steamfitters	0.8%	14	34	\$49,878
47-2181	MOJT	Roofers	-0.3%	0	5	\$36,317
49-2098	VocEd	Security and Fire Alarm Systems Installers	1.9%	4	3	\$45,781
47-4071	MOJT	Septic Tank Servicers and Sewer Pipe Cleaners	1.0%	1	2	\$33,134
47-2211	LTOJT	Sheet Metal Workers	-0.3%	0	15	\$43,410
47-2221	LTOJT	Structural Iron and Steel Workers	0.4%	1	3	\$42,120
17-1022	Bach	Surveyors	0.1%	0	5	\$55,224
47-2082	MOJT	Tapers	0.3%	0	0	\$60,570
Arts, Audio/Visual and Communications						
27-1011	Bach+	Art Directors	0.7%	1	2	\$70,720
27-4011	VocEd	Audio and Video Equipment Technicians	1.5%	2	5	\$41,870
27-4012	Assoc	Broadcast Technicians	2.4%	1	1	\$47,611
49-9091	MOJT	Coin, Vending, and Amusement Machine Servicers and Repairers	1.1%	5	14	\$26,458
43-9031	VocEd	Desktop Publishers	-2.2%	0	1	\$34,902

Occupation Projections by Career Cluster

SOC Code	Educ/Training	Title of Occupation	Ave Annual Growth Rate	Ave Annual Openings due to Growth	Ave Annual Openings due to Replacements	2008 Average Annual Wages
27-3041	Bach	Editors	0.6%	2	8	\$58,302
27-4032	Bach	Film and Video Editors	2.5%	1	1	\$41,621
27-1024	Bach	Graphic Designers	0.6%	3	16	\$43,430
25-4021	Mast	Librarians	0.2%	1	13	\$57,325
25-4031	VocEd	Library Technicians	0.8%	3	15	\$35,651
27-4099	MOJT	Media and Communication Equipment Workers, All Other	-0.3%	0	1	\$66,997
25-4013	Bach	Museum Technicians and Conservators	2.1%	2	2	\$34,986
27-4021	LTOJT	Photographers	0.5%	2	6	\$29,494
51-9131	STOJT	Photographic Process Workers	0.0%	0	1	\$25,730
51-5022	VocEd	Prepress Technicians and Workers	-2.9%	0	1	\$36,171
51-5023	MOJT	Printing Machine Operators	-0.8%	0	7	\$34,986
27-3012	MOJT	Public Address System and Other Announcers	1.2%	1	2	\$29,515
27-3031	Bach	Public Relations Specialists	1.7%	17	22	\$59,966
27-3011	LTOJT	Radio and Television Announcers	1.6%	1	1	\$34,029
27-3022	Bach	Reporters and Correspondents	-0.8%	0	3	\$44,408
27-1027	Bach	Set and Exhibit Designers	0.9%	0	1	\$54,309
27-3042	Bach	Technical Writers	0.7%	1	2	\$54,725
49-9052	LTOJT	Telecommunications Line Installers and Repairers	1.6%	22	20	\$53,914
43-2021	STOJT	Telephone Operators	1.2%	1	1	\$28,746
39-3031	STOJT	Ushers, Lobby Attendants, and Ticket Takers	1.5%	3	11	\$18,907
27-3043	Bach	Writers and Authors	1.4%	3	5	\$57,283
<i>Business Management and Administration</i>						
13-2011	Bach	Accountants and Auditors	1.0%	53	89	\$67,288
11-3011	Bach+	Administrative Services Managers	0.1%	1	17	\$98,134
43-3021	STOJT	Billing and Posting Clerks and Machine Operators	1.0%	21	33	\$34,986
13-2031	Bach	Budget Analysts	1.5%	2	3	\$62,629
13-1199	Bach	Business Operations Specialists, All Other	0.7%	15	44	\$61,755
11-1011	Bach+	Chief Executives	-0.7%	0	17	\$193,190
11-3041	Bach+	Compensation and Benefits Managers	-0.5%	0	6	\$110,531
13-1072	Bach	Compensation, Benefits, and Job Analysis Specialists	1.2%	7	13	\$62,858
43-5021	STOJT	Couriers and Messengers	-0.5%	0	11	\$25,022
43-4051	MOJT	Customer Service Representatives	0.9%	81	265	\$35,235
43-9021	MOJT	Data Entry Keyers	-1.5%	0	26	\$26,042
13-1071	Bach	Employment, Recruitment, and Placement Specialists	1.9%	13	16	\$56,722
43-6011	Exp	Executive Secretaries and Administrative Assistants	0.5%	23	67	\$43,784
43-4071	STOJT	File Clerks	-3.2%	0	18	\$26,770
43-1011	Exp	First-Line Supervisors/Managers of Office & Admin. Support Workers	0.6%	26	99	\$52,333
11-1021	Bach+	General and Operations Managers	-0.5%	0	125	\$125,070
43-4161	STOJT	Human Resources Assistants, Except Payroll and Timekeeping	-1.2%	0	13	\$35,568

SOC Code	Educ/Training	Title of Occupation	Ave Annual Growth Rate	Ave Annual Openings due to Growth	Ave Annual Openings due to Replacements	2008 Average Annual Wages
11-3049	Bach+	Human Resources Managers, All Other	-0.1%	0	3	\$131,622
13-1079	Bach	Human Resources, Training, and Labor Relations Specialists, All Other	1.4%	11	19	\$60,570
43-4199	STOJT	Information and Record Clerks, All Other	-1.3%	0	11	\$35,693
43-4111	STOJT	Interviewers, Except Eligibility and Loan	2.0%	11	12	\$30,888
37-2011	STOJT	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	0.4%	26	130	\$23,026
43-6012	Assoc	Legal Secretaries	0.4%	5	17	\$44,616
43-9051	STOJT	Mail Clerks and Mail Machine Operators, Except Postal Service	-1.4%	0	10	\$25,646
13-1111	Bach+	Management Analysts	0.6%	16	43	\$81,203
11-9199	Exp	Managers, All Other	0.4%	3	22	\$110,282
43-6013	MOJT	Medical Secretaries	2.2%	62	34	\$31,803
43-9199	STOJT	Office and Administrative Support Workers, All Other	-1.4%	0	12	\$30,971
43-9061	STOJT	Office Clerks, General	0.4%	40	141	\$28,184
43-9071	STOJT	Office Machine Operators, Except Computer	-0.8%	0	7	\$30,784
15-2031	Mast	Operations Research Analysts	0.5%	2	10	\$75,608
43-4151	STOJT	Order Clerks	-2.7%	0	30	\$36,296
11-2031	Bach+	Public Relations Managers	0.5%	1	5	\$120,141
43-4171	STOJT	Receptionists and Information Clerks	1.1%	41	100	\$25,251
43-6014	MOJT	Secretaries, Except Legal, Medical, and Executive	-0.4%	0	89	\$32,032
43-5071	STOJT	Shipping, Receiving, and Traffic Clerks	-0.6%	0	49	\$30,014
43-2011	STOJT	Switchboard Operators, Including Answering Service	-1.1%	0	10	\$25,605
13-2082	MOJT	Tax Preparers	-0.7%	0	11	\$53,123
23-2093	MOJT	Title Examiners, Abstractors, and Searchers	-1.1%	0	2	\$34,902
11-3042	Bach+	Training and Development Managers	-0.2%	0	3	\$120,890
13-1073	Bach	Training and Development Specialists	1.4%	14	25	\$60,944
43-9022	MOJT	Word Processors and Typists	-0.8%	0	2	\$35,318
Education and Training						
25-1011	PhD	Business Teachers, Postsecondary	0.9%	2	5	\$92,039
11-9039	Bach+	Education Administrators, All Other	2.1%	1	1	\$59,114
11-9032	Bach+	Education Administrators, Elementary and Secondary School	0.3%	2	17	\$103,749
11-9033	Bach+	Education Administrators, Postsecondary	-0.3%	0	12	\$87,256
11-9031	Bach+	Education Administrators, Preschool and Child Care Center/Program	0.9%	4	11	\$40,726
25-1081	PhD	Education Teachers, Postsecondary	0.9%	2	3	\$60,834
25-9099	Bach	Education, Training, and Library Workers, All Other	0.8%	1	2	\$36,982
21-1012	Mast	Educational, Vocational, and School Counselors	1.0%	10	20	\$52,250
25-2021	Bach	Elementary School Teachers, Except Special Education	0.9%	45	106	\$50,866
25-1123	PhD	English Language and Literature Teachers, Postsecondary	0.9%	2	5	\$72,782
39-9031	VocEd	Fitness Trainers and Aerobics Instructors	1.9%	36	32	\$26,624
25-1124	PhD	Foreign Language and Literature Teachers, Postsecondary	0.9%	1	2	\$49,935
21-1091	Bach	Health Educators	1.7%	3	3	\$49,192

Occupation Projections by Career Cluster

SOC Code	Educ/Training	Title of Occupation	Ave Annual Growth Rate	Ave Annual Openings due to Growth	Ave Annual Openings due to Replacements	2008 Average Annual Wages
25-1071	PhD	Health Specialties Teachers, Postsecondary	1.0%	2	3	\$56,076
25-9031	Mast	Instructional Coordinators	1.8%	8	9	\$57,720
25-2012	Bach	Kindergarten Teachers, Except Special Education	0.9%	5	11	\$50,273
43-4121	STOJT	Library Assistants, Clerical	0.8%	3	13	\$19,822
25-1022	PhD	Mathematical Science Teachers, Postsecondary	0.9%	1	2	\$73,357
25-2022	Bach	Middle School Teachers, Except Special and Vocational Education	0.9%	18	43	\$54,348
25-1072	PhD	Nursing Instructors and Teachers, Postsecondary	0.9%	1	2	\$66,285
25-2011	VocEd	Preschool Teachers, Except Special Education	1.5%	27	35	\$23,566
25-1066	PhD	Psychology Teachers, Postsecondary	0.9%	1	2	\$84,874
25-2031	Bach	Secondary School Teachers, Except Special and Vocational Education	0.3%	6	50	\$57,985
25-3021	Exp	Self-Enrichment Education Teachers	2.8%	15	7	\$49,442
25-1067	PhD	Sociology Teachers, Postsecondary	0.9%	1	1	\$77,213
25-2042	Bach	Special Education Teachers, Middle School	1.1%	6	14	\$55,096
25-2041	Bach	Special Education Teachers, Preschool, Kindergarten, & Elementary School	1.2%	15	32	\$46,991
25-2043	Bach	Special Education Teachers, Secondary School	0.8%	4	12	\$58,184
25-9041	STOJT	Teacher Assistants	0.6%	14	49	\$28,600
25-3099	Bach	Teachers and Instructors, All Other	1.2%	28	32	\$42,360
25-1194	PhD	Vocational Education Teachers, Postsecondary	0.8%	3	6	\$44,283
Finance						
15-2011	Bach+	Actuaries	0.7%	1	4	\$104,208
43-3011	STOJT	Bill and Account Collectors	0.6%	16	46	\$33,072
43-3031	MOJT	Bookkeeping, Accounting, and Auditing Clerks	0.6%	41	80	\$35,402
43-4011	MOJT	Brokerage Clerks	0.0%	0	7	\$41,184
13-1031	LTOJT	Claims Adjusters, Examiners, and Investigators	0.7%	6	23	\$54,142
13-2041	Bach	Credit Analysts	0.6%	11	32	\$51,834
13-2051	Bach	Financial Analysts	1.1%	22	35	\$80,766
11-3031	Bach+	Financial Managers	0.2%	6	40	\$124,842
43-9041	MOJT	Insurance Claims and Policy Processing Clerks	0.1%	1	11	\$37,086
41-3021	VocEd	Insurance Sales Agents	1.4%	17	27	\$60,320
13-2053	Bach	Insurance Underwriters	-0.2%	0	16	\$61,880
13-2071	Bach	Loan Counselors	-1.3%	0	3	\$47,070
43-4131	STOJT	Loan Interviewers and Clerks	-0.6%	0	31	\$34,923
13-2072	MOJT	Loan Officers	0.1%	1	11	\$63,066
43-4141	Exp	New Accounts Clerks	-0.8%	0	11	\$33,363
43-3051	MOJT	Payroll and Timekeeping Clerks	-1.0%	0	11	\$35,880
13-2052	Bach	Personal Financial Advisors	2.5%	34	13	\$86,299
41-3031	Bach	Securities, Commodities, and Financial Services Sales Agents	0.5%	7	40	\$77,688
13-2081	Bach	Tax Examiners, Collectors, and Revenue Agents	1.1%	2	7	\$55,370
43-3071	STOJT	Tellers	-0.4%	0	58	\$24,565

SOC Code	Educ/Training	Title of Occupation	Ave Annual Growth Rate	Ave Annual Openings due to Growth	Ave Annual Openings due to Replacements	2008 Average Annual Wages
<i>Government and Public Administration</i>						
13-1041	LTOJT	Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation	2.2%	26	11	\$52,270
43-4031	STOJT	Court, Municipal, and License Clerks	0.7%	2	6	\$33,717
13-1061	Exp	Emergency Management Specialists	1.6%	0	0	\$66,269
11-9151	Bach	Social and Community Service Managers	1.1%	9	19	\$62,941
19-3051	Mast	Urban and Regional Planners	1.0%	2	4	\$61,880
<i>Health Sciences</i>						
29-1061	Prof	Anesthesiologists	2.0%	4	3	\$205,858
29-9091	Bach	Athletic Trainers	4.4%	2	1	\$44,930
29-2031	Assoc	Cardiovascular Technologists and Technicians	2.8%	5	2	\$55,869
29-1011	Prof	Chiropractors	1.8%	4	4	\$91,437
21-1099	Bach	Community and Social Service Specialists, All Other	1.3%	6	10	\$36,338
31-9091	MOJT	Dental Assistants	2.5%	22	15	\$34,590
29-2021	Assoc	Dental Hygienists	2.5%	15	10	\$67,538
29-1021	Prof	Dentists, General	1.1%	5	11	\$187,595
29-2032	Assoc	Diagnostic Medical Sonographers	2.0%	4	3	\$61,963
29-2051	VocEd	Dietetic Technicians	2.3%	5	5	\$25,584
29-1031	Bach	Dietitians and Nutritionists	1.2%	5	13	\$52,374
29-2041	VocEd	Emergency Medical Technicians and Paramedics	0.6%	5	15	\$38,210
29-1062	Prof	Family and General Practitioners	1.9%	8	7	\$168,563
29-2099	VocEd	Health Technologists and Technicians, All Other	1.8%	2	2	\$45,947
29-9099	Bach	Healthcare Practitioners and Technical Workers, All Other	1.7%	2	3	\$51,126
31-9099	STOJT	Healthcare Support Workers, All Other	1.6%	6	4	\$34,590
29-1063	Prof	Internists, General	2.0%	6	5	\$199,368
29-2061	VocEd	Licensed Practical and Licensed Vocational Nurses	2.3%	57	69	\$46,426
31-9011	VocEd	Massage Therapists	2.1%	6	3	\$46,842
29-2012	Assoc	Medical and Clinical Laboratory Technicians	1.7%	6	6	\$40,227
29-2011	Bach	Medical and Clinical Laboratory Technologists	1.3%	6	8	\$55,952
11-9111	Bach+	Medical and Health Services Managers	1.8%	21	21	\$87,048
31-9092	MOJT	Medical Assistants	2.8%	35	13	\$30,534
31-9093	STOJT	Medical Equipment Preparers	1.8%	4	2	\$31,034
29-2071	Assoc	Medical Records and Health Information Technicians	1.9%	9	8	\$31,658
31-9094	VocEd	Medical Transcriptionists	1.1%	3	3	\$33,093
29-2033	Assoc	Nuclear Medicine Technologists	2.0%	2	1	\$67,829
31-1012	VocEd	Nursing Aides, Orderlies, and Attendants	2.3%	135	54	\$28,122
29-1064	Prof	Obstetricians and Gynecologists	1.7%	1	1	\$174,221
29-9011	Bach	Occupational Health and Safety Specialists	1.0%	2	7	\$56,430
29-9012	Assoc	Occupational Health and Safety Technicians	2.8%	1	1	\$37,939

Occupation Projections by Career Cluster

SOC Code	Educ/Training	Title of Occupation	Ave Annual Growth Rate	Ave Annual Openings due to Growth	Ave Annual Openings due to Replacements	2008 Average Annual Wages
31-2012	STOJT	Occupational Therapist Aides	3.2%	1	0	\$25,896
31-2011	Assoc	Occupational Therapist Assistants	3.0%	4	2	\$51,688
29-1122	Mast	Occupational Therapists	2.6%	9	6	\$60,486
29-2081	LTOJT	Opticians, Dispensing	0.6%	1	2	\$33,717
29-1041	Prof	Optometrists	2.1%	2	3	\$104,291
29-1051	Prof	Pharmacists	1.5%	13	18	\$100,298
31-9095	STOJT	Pharmacy Aides	-1.5%	0	1	\$20,821
29-2052	MOJT	Pharmacy Technicians	2.7%	44	36	\$27,352
31-2022	STOJT	Physical Therapist Aides	2.8%	7	3	\$27,061
31-2021	Assoc	Physical Therapist Assistants	2.8%	6	3	\$48,048
29-1123	Mast	Physical Therapists	2.6%	16	7	\$77,979
29-1071	Mast	Physician Assistants	3.2%	10	5	\$83,387
29-1069	Prof	Physicians and Surgeons, All Other	1.8%	26	23	\$161,054
29-1081	Prof	Podiatrists	0.8%	1	2	\$108,222
29-2053	VocEd	Psychiatric Technicians	0.9%	2	5	\$33,696
29-1066	Prof	Psychiatrists	1.8%	2	2	\$171,621
29-2034	Assoc	Radiologic Technologists and Technicians	2.0%	20	13	\$57,574
29-1125	Bach	Recreational Therapists	1.8%	2	3	\$40,747
29-1111	Assoc	Registered Nurses	2.5%	266	165	\$68,910
29-1126	Assoc	Respiratory Therapists	2.6%	12	7	\$57,741
29-1127	Mast	Speech-Language Pathologists	1.8%	7	7	\$73,674
29-1067	Prof	Surgeons	2.0%	8	6	\$201,864
29-2055	VocEd	Surgical Technologists	2.8%	7	6	\$40,872
29-1129	Bach	Therapists, All Other	1.7%	1	2	\$54,850
29-1131	Prof	Veterinarians	1.5%	4	4	\$99,778
31-9096	STOJT	Veterinary Assistants and Laboratory Animal Caretakers	0.6%	2	3	\$24,398
29-2056	Assoc	Veterinary Technologists and Technicians	1.6%	4	6	\$31,741
<i>Hospitality and Tourism</i>						
39-3091	STOJT	Amusement and Recreation Attendants	1.6%	12	34	\$20,280
27-2021	LTOJT	Athletes and Sports Competitors	1.1%	1	1	\$59,010
39-6011	STOJT	Baggage Porters and Bellhops	0.6%	0	1	\$23,109
35-3011	STOJT	Bartenders	1.1%	22	67	\$21,819
35-1011	Exp	Chefs and Head Cooks	0.4%	1	3	\$47,403
27-2022	LTOJT	Coaches and Scouts	1.9%	11	10	\$40,745
35-3021	STOJT	Combined Food Preparation and Serving Workers, Including Fast Food	1.5%	121	159	\$17,181
39-6012	MOJT	Concierges	1.2%	1	1	\$26,146
35-2011	STOJT	Cooks, Fast Food	1.0%	7	18	\$20,488
35-2012	MOJT	Cooks, Institution and Cafeteria	1.6%	12	17	\$27,830
35-2014	LTOJT	Cooks, Restaurant	0.9%	34	88	\$24,336

SOC Code	Educ/Training	Title of Occupation	Ave Annual Growth Rate	Ave Annual Openings due to Growth	Ave Annual Openings due to Replacements	2008 Average Annual Wages
35-2015	STOJT	Cooks, Short Order	0.0%	0	12	\$20,176
35-3022	STOJT	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	0.8%	26	234	\$23,150
35-9011	STOJT	Dining Room and Cafeteria Attendants and Bartender Helpers	1.0%	14	56	\$17,888
35-9021	STOJT	Dishwashers	1.4%	25	69	\$18,512
35-1012	Exp	First-Line Supervisors/Managers of Food Preparation & Serving Workers	0.8%	22	25	\$34,237
37-1011	Exp	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	0.0%	0	14	\$35,090
39-1021	Exp	First-Line Supervisors/Managers of Personal Service Workers	1.3%	10	20	\$38,210
35-9099	STOJT	Food Preparation and Serving Related Workers, All Other	0.1%	0	4	\$23,754
35-2021	STOJT	Food Preparation Workers	0.8%	15	67	\$20,509
35-3041	STOJT	Food Servers, Nonrestaurant	1.2%	11	14	\$21,944
11-9051	Exp	Food Service Managers	0.8%	6	14	\$62,608
35-9031	STOJT	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	0.8%	12	97	\$18,470
43-4081	STOJT	Hotel, Motel, and Resort Desk Clerks	1.1%	7	20	\$20,966
39-3093	STOJT	Locker Room, Coatroom, and Dressing Room Attendants	1.0%	0	2	\$22,256
11-9081	Exp	Lodging Managers	0.3%	1	4	\$61,984
37-2012	STOJT	Maids and Housekeeping Cleaners	0.2%	6	51	\$20,051
13-1121	Bach	Meeting and Convention Planners	1.1%	3	6	\$52,645
39-3021	STOJT	Motion Picture Projectionists	1.3%	0	1	\$20,925
39-9032	STOJT	Recreation Workers	1.3%	18	24	\$25,314
43-4181	STOJT	Reservation and Transportation Ticket Agents and Travel Clerks	0.7%	1	2	\$22,984
39-6021	MOJT	Tour Guides and Escorts	1.1%	2	6	\$27,768
41-3041	VocEd	Travel Agents	-0.4%	0	1	\$30,992
35-3031	STOJT	Waiters and Waitresses	0.8%	64	413	\$20,883
Human Services						
39-5011	VocEd	Barbers	1.1%	6	7	\$30,222
39-9011	STOJT	Child Care Workers	0.9%	22	69	\$20,238
21-1021	Bach	Child, Family, and School Social Workers	0.9%	19	51	\$41,662
19-3031	PhD	Clinical, Counseling, and School Psychologists	0.8%	3	11	\$71,302
21-1019	Mast	Counselors, All Other	1.3%	1	2	\$37,814
39-5012	VocEd	Hairdressers, Hairstylists, and Cosmetologists	1.4%	34	32	\$29,994
39-5092	VocEd	Manicurists and Pedicurists	1.3%	2	3	\$22,589
21-1022	Bach	Medical and Public Health Social Workers	1.6%	6	9	\$48,194
21-1023	Mast	Mental Health and Substance Abuse Social Workers	1.7%	14	19	\$42,890
21-1014	Mast	Mental Health Counselors	2.1%	4	3	\$40,997
39-9021	STOJT	Personal and Home Care Aides	4.1%	32	8	\$20,654
21-1015	Mast	Rehabilitation Counselors	1.6%	12	14	\$33,550
39-9041	STOJT	Residential Advisors	0.5%	2	13	\$31,283
39-5093	STOJT	Shampooers	0.9%	4	6	\$16,890
21-1093	MOJT	Social and Human Service Assistants	1.7%	15	18	\$29,411

Occupation Projections by Career Cluster

SOC Code	Educ/Training	Title of Occupation	Ave Annual Growth Rate	Ave Annual Openings due to Growth	Ave Annual Openings due to Replacements	2008 Average Annual Wages
21-1029	Bach	Social Workers, All Other	0.6%	1	3	\$52,811
21-1011	Bach	Substance Abuse and Behavioral Disorder Counselors	1.7%	4	4	\$35,298
Information Technology						
11-3021	Bach+	Computer and Information Systems Managers	0.7%	10	22	\$129,459
43-9011	MOJT	Computer Operators	-3.5%	0	6	\$40,914
15-1021	Bach	Computer Programmers	-0.9%	0	37	\$76,419
15-1031	Bach	Computer Software Engineers, Applications	1.9%	27	11	\$90,230
15-1032	Bach	Computer Software Engineers, Systems Software	1.5%	13	7	\$100,547
15-1041	Assoc	Computer Support Specialists	0.0%	1	56	\$55,931
15-1051	Bach	Computer Systems Analysts	1.2%	40	68	\$83,512
49-2011	VocEd	Computer, Automated Teller, and Office Machine Repairers	-1.7%	0	5	\$37,627
15-1061	Bach	Database Administrators	0.9%	6	10	\$76,710
15-1071	Bach	Network and Computer Systems Administrators	1.5%	21	22	\$71,947
15-1081	Bach	Network Systems and Data Communications Analysts	3.7%	39	16	\$80,475
49-9069	MOJT	Precision Instrument and Equipment Repairers, All Other	0.0%	0	1	\$57,138
49-2022	VocEd	Telecommunications Equipment Installers and Repairers, Except Line Installers	1.6%	8	8	\$45,822
Law, Public Safety and Security						
33-9011	MOJT	Animal Control Workers	0.7%	1	3	\$30,680
33-9091	STOJT	Crossing Guards	0.9%	4	11	\$29,910
33-3021	Exp	Detectives and Criminal Investigators	1.1%	3	5	\$78,811
33-2011	LTOJT	Fire Fighters	1.6%	7	12	\$51,126
33-2021	Exp	Fire Inspectors and Investigators	0.7%	1	2	\$47,341
33-1012	Exp	First-Line Supervisors/Managers of Police and Detectives	0.6%	1	8	\$87,901
33-1099	Exp	First-Line Supervisors/Managers, Protective Service Workers, All Other	1.0%	2	8	\$44,741
23-1023	Bach+	Judges, Magistrate Judges, and Magistrates	-0.4%	0	2	\$148,782
23-2092	Bach	Law Clerks	0.0%	0	11	\$38,147
23-1011	Prof	Lawyers	0.3%	10	54	\$147,139
33-9092	STOJT	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	1.1%	9	50	\$20,363
23-2011	Assoc	Paralegals and Legal Assistants	1.2%	15	14	\$51,022
33-3051	LTOJT	Police and Sheriff's Patrol Officers	0.7%	13	47	\$55,744
43-5031	MOJT	Police, Fire, and Ambulance Dispatchers	1.4%	3	5	\$37,440
33-9099	STOJT	Protective Service Workers, All Other	1.5%	3	12	\$26,707
33-9032	STOJT	Security Guards	1.2%	44	72	\$24,606
Manufacturing						
51-2011	MOJT	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	-0.9%	0	3	\$36,650
49-2091	VocEd	Avionics Technicians	-1.4%	0	1	\$45,157
51-3011	LTOJT	Bakers	-0.2%	0	9	\$24,482

SOC Code	Educ/Training	Title of Occupation	Ave Annual Growth Rate	Ave Annual Openings due to Growth	Ave Annual Openings due to Replacements	2008 Average Annual Wages
51-7011	LTOJT	Cabinetmakers and Bench Carpenters	-0.9%	0	8	\$34,757
47-2041	MOJT	Carpet Installers	-0.2%	0	2	\$42,494
51-9191	MOJT	Cementing and Gluing Machine Operators and Tenders	-0.3%	0	1	\$24,606
51-9011	MOJT	Chemical Equipment Operators and Tenders	-3.3%	0	6	\$49,962
17-3022	Assoc	Civil Engineering Technicians	0.7%	3	8	\$41,662
51-9121	MOJT	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	-0.3%	0	1	\$36,213
51-4011	MOJT	Computer-Controlled Machine Tool Operators, Metal and Plastic	-0.4%	0	4	\$33,446
51-9021	MOJT	Crushing, Grinding, & Polishing Machine Setters, Operators, and Tenders	-0.2%	0	1	\$28,995
51-9032	MOJT	Cutting and Slicing Machine Setters, Operators, and Tenders	-0.3%	0	3	\$32,365
51-4031	MOJT	Cutting, Punching, & Press Mach. Setters, Operators, & Tenders, Metal & Plastic	-3.0%	0	8	\$31,158
51-9081	MOJT	Dental Laboratory Technicians	-1.9%	0	8	\$27,498
51-4032	MOJT	Drilling & Boring Mach. Tool Setters, Operators, & Tenders, Metal & Plastic	-4.2%	0	0	\$33,093
49-2092	VocEd	Electric Motor, Power Tool, and Related Repairers	1.3%	0	1	\$43,326
17-3023	Assoc	Electrical and Electronic Engineering Technicians	1.0%	7	13	\$46,571
51-2022	STOJT	Electrical and Electronic Equipment Assemblers	-1.8%	0	6	\$35,402
49-2094	VocEd	Electrical & Electronics Repairers, Commercial and Industrial Equipment	-0.7%	0	5	\$59,342
49-2096	VocEd	Electronic Equipment Installers and Repairers, Motor Vehicles	0.0%	0	1	\$28,787
49-2097	VocEd	Electronic Home Entertainment Equipment Installers and Repairers	1.1%	2	3	\$31,824
51-2031	STOJT	Engine and Other Machine Assemblers	-4.7%	0	0	\$35,818
17-3029	Assoc	Engineering Technicians, Except Drafters, All Other	0.0%	0	0	\$60,590
51-4021	MOJT	Extruding & Drawing Mach. Setters, Operators, & Tenders, Metal & Plastic	0.0%	0	2	\$34,278
51-9041	MOJT	Extruding, Forming, Pressing, & Compacting Machine Setters, Operators, and Tenders	0.1%	0	4	\$32,947
49-1011	Exp	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	0.4%	6	37	\$62,234
51-1011	Exp	First-Line Supervisors/Managers of Production and Operating Workers	-1.1%	0	21	\$57,720
51-3092	STOJT	Food Batchmakers	0.8%	0	1	\$24,190
51-3093	STOJT	Food Cooking Machine Operators and Tenders	0.4%	1	3	\$21,341
51-7021	LTOJT	Furniture Finishers	0.3%	0	1	\$30,493
51-9022	MOJT	Grinding and Polishing Workers, Hand	-1.2%	0	0	\$30,638
51-9198	STOJT	Helpers--Production Workers	0.3%	3	17	\$21,154
49-9031	LTOJT	Home Appliance Repairers	-0.1%	0	2	\$33,509
17-3026	Assoc	Industrial Engineering Technicians	0.9%	2	4	\$45,406
49-9041	LTOJT	Industrial Machinery Mechanics	-0.3%	0	11	\$52,686
11-3051	Exp	Industrial Production Managers	-1.6%	0	16	\$99,403
51-9061	MOJT	Inspectors, Testers, Sorters, Samplers, and Weighers	-1.4%	0	13	\$34,736
49-9099	MOJT	Installation, Maintenance, and Repair Workers, All Other	0.5%	2	7	\$34,986
49-9094	MOJT	Locksmiths and Safe Repairers	1.2%	0	1	\$37,981
51-4041	LTOJT	Machinists	-0.3%	0	7	\$46,821
49-9042	MOJT	Maintenance and Repair Workers, General	0.8%	36	62	\$36,483

Occupation Projections by Career Cluster

SOC Code	Educ/Training	Title of Occupation	Ave Annual Growth Rate	Ave Annual Openings due to Growth	Ave Annual Openings due to Replacements	2008 Average Annual Wages
49-9043	MOJT	Maintenance Workers, Machinery	-0.2%	0	1	\$39,000
49-9095	MOJT	Manufactured Building and Mobile Home Installers	0.3%	0	1	\$31,470
17-3027	Assoc	Mechanical Engineering Technicians	-1.1%	0	2	\$56,181
51-4199	MOJT	Metal Workers and Plastic Workers, All Other	-1.2%	0	2	\$42,931
49-9044	LTOJT	Millwrights	-0.3%	0	3	\$56,056
51-9023	MOJT	Mixing and Blending Machine Setters, Operators, and Tenders	0.3%	0	3	\$34,424
51-4012	Exp	Numerical Tool and Process Control Programmers	-3.7%	0	0	\$49,358
51-9083	MOJT	Ophthalmic Laboratory Technicians	1.0%	1	2	\$26,250
51-9111	STOJT	Packaging and Filling Machine Operators and Tenders	-0.4%	0	13	\$30,306
51-9122	MOJT	Painters, Transportation Equipment	0.8%	1	3	\$42,682
51-9132	STOJT	Photographic Processing Machine Operators	-3.2%	0	5	\$20,987
51-9199	MOJT	Production Workers, All Other	-2.8%	0	10	\$46,218
13-1023	LTOJT	Purchasing Agents, Except Wholesale, Retail, and Farm Products	0.5%	5	24	\$60,694
51-4023	MOJT	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	-3.6%	0	3	\$35,027
51-7041	MOJT	Sawing Machine Setters, Operators, and Tenders, Wood	-1.5%	0	0	\$33,592
51-6031	MOJT	Sewing Machine Operators	-1.5%	0	1	\$23,941
51-2041	MOJT	Structural Metal Fabricators and Fitters	-0.4%	0	6	\$34,216
51-2092	MOJT	Team Assemblers	-0.6%	0	18	\$29,016
51-4111	LTOJT	Tool and Die Makers	-3.2%	0	0	\$56,784
51-6093	LTOJT	Upholsterers	0.7%	1	1	\$44,158
51-4121	VocEd	Welders, Cutters, Solderers, and Brazers	-0.4%	0	16	\$42,640
51-4122	VocEd	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	-2.3%	0	1	\$35,194
51-7042	MOJT	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	-1.1%	0	1	\$28,787
Marketing, Sales and Service						
11-2011	Bach+	Advertising and Promotions Managers	-1.3%	0	4	\$88,150
41-3011	MOJT	Advertising Sales Agents	0.0%	0	4	\$48,963
13-2021	Assoc	Appraisers and Assessors of Real Estate	0.4%	1	4	\$51,958
51-3021	LTOJT	Butchers and Meat Cutters	0.7%	2	10	\$32,261
41-2011	STOJT	Cashiers	0.5%	62	503	\$19,864
41-2021	STOJT	Counter and Rental Clerks	-0.2%	0	43	\$24,107
41-9011	MOJT	Demonstrators and Product Promoters	0.2%	1	10	\$27,435
53-3031	STOJT	Driver/Sales Workers	0.6%	8	24	\$25,168
41-1012	Exp	First-Line Supervisors/Managers of Non-Retail Sales Workers	0.1%	1	21	\$76,128
41-1011	Exp	First-Line Supervisors/Managers of Retail Sales Workers	0.6%	29	98	\$42,099
27-1023	STOJT	Floral Designers	-0.4%	0	5	\$25,230
11-9061	Assoc	Funeral Directors	0.5%	1	2	\$75,192
27-1025	Assoc	Interior Designers	1.1%	2	6	\$41,579
51-9071	VocEd	Jewelers and Precious Stone and Metal Workers	-0.5%	0	2	\$33,821

SOC Code	Educ/Training	Title of Occupation	Ave Annual Growth Rate	Ave Annual Openings due to Growth	Ave Annual Openings due to Replacements	2008 Average Annual Wages
51-6011	MOJT	Laundry and Dry-Cleaning Workers	-0.1%	0	14	\$21,112
19-3021	Bach	Market Research Analysts	0.8%	16	52	\$74,464
11-2021	Bach+	Marketing Managers	-0.1%	0	21	\$133,474
51-3022	STOJT	Meat, Poultry, and Fish Cutters and Trimmers	0.6%	28	142	\$22,402
27-1026	MOJT	Merchandise Displayers and Window Trimmers	0.6%	3	12	\$30,077
53-6021	STOJT	Parking Lot Attendants	-0.2%	0	12	\$19,614
39-9099	STOJT	Personal Care and Service Workers, All Other	0.7%	0	1	\$20,259
11-9141	Bach	Property, Real Estate, and Community Association Managers	0.6%	3	8	\$72,946
11-3061	Bach+	Purchasing Managers	-0.7%	0	5	\$108,971
41-9021	Exp	Real Estate Brokers	0.7%	1	3	\$75,421
41-9022	VocEd	Real Estate Sales Agents	1.3%	25	30	\$56,306
41-2031	STOJT	Retail Salespersons	0.7%	120	466	\$24,794
41-9099	MOJT	Sales and Related Workers, All Other	0.8%	3	8	\$38,376
11-2022	Bach+	Sales Managers	0.7%	7	20	\$121,576
41-3099	Exp	Sales Representatives, Services, All Other	1.3%	34	61	\$59,322
41-4012	Exp	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	0.3%	10	66	\$66,310
41-4011	Exp	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	0.7%	10	31	\$92,290
53-6031	STOJT	Service Station Attendants	0.1%	0	3	\$21,195
43-5081	STOJT	Stock Clerks and Order Fillers	0.7%	47	141	\$23,067
41-9041	STOJT	Telemarketers	-1.8%	0	29	\$31,616
13-1022	LTOJT	Wholesale and Retail Buyers, Except Farm Products	0.0%	0	8	\$50,461
<i>Science, Technology, Engineering and Mathematics</i>						
17-2011	Bach	Aerospace Engineers	0.2%	0	1	\$79,165
17-2021	Bach	Agricultural Engineers	1.5%	0	0	\$109,678
19-1021	PhD	Biochemists and Biophysicists	2.7%	18	19	\$105,019
19-4021	Bach	Biological Technicians	0.5%	4	24	\$52,582
17-1021	Bach	Cartographers and Photogrammetrists	2.3%	0	0	\$49,858
17-2041	Bach	Chemical Engineers	-0.8%	0	13	\$96,595
19-4031	Assoc	Chemical Technicians	-0.4%	0	27	\$56,160
19-2031	Bach	Chemists	-0.7%	0	35	\$85,883
17-2051	Bach	Civil Engineers	1.3%	13	17	\$85,717
19-3011	Mast	Economists	-1.0%	0	2	\$74,547
17-2071	Bach	Electrical Engineers	-0.4%	0	17	\$89,190
17-2072	Bach	Electronics Engineers, Except Computer	0.1%	0	10	\$92,997
11-9041	Bach+	Engineering Managers	0.0%	0	7	\$128,086
19-4091	Assoc	Environmental Science and Protection Technicians, Including Health	2.5%	2	3	\$36,150
19-2041	Mast	Environmental Scientists and Specialists, Including Health	1.4%	5	9	\$61,235
19-2042	Mast	Geoscientists, Except Hydrologists and Geographers	0.8%	0	1	\$70,013

Occupation Projections by Career Cluster

SOC Code	Educ/Training	Title of Occupation	Ave Annual Growth Rate	Ave Annual Openings due to Growth	Ave Annual Openings due to Replacements	2008 Average Annual Wages
17-2111	Bach	Health & Safety Engineers, Except Mining Safety Engineers & Inspectors	0.8%	1	3	\$80,080
19-3093	Mast	Historians	1.1%	0	2	\$53,186
19-2043	Mast	Hydrologists	0.7%	0	1	\$65,562
17-2112	Bach	Industrial Engineers	-0.3%	0	17	\$78,354
17-2131	Bach	Materials Engineers	-0.7%	0	0	\$74,318
19-2032	Bach	Materials Scientists	0.8%	1	3	\$79,997
17-2141	Bach	Mechanical Engineers	-0.5%	0	11	\$83,429
19-1022	PhD	Microbiologists	-0.3%	0	5	\$64,938
19-4061	Assoc	Social Science Research Assistants	0.9%	3	14	\$30,222
19-3099	Mast	Social Scientists and Related Workers, All Other	1.7%	2	5	\$65,478
15-2041	Mast	Statisticians	-0.2%	0	2	\$73,237
17-3031	MOJT	Surveying and Mapping Technicians	0.8%	1	3	\$37,003
43-5111	STOJT	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	-1.2%	0	4	\$33,821
<i>Transportation, Distribution and Logistics</i>						
49-3011	VocEd	Aircraft Mechanics and Service Technicians	0.4%	2	9	\$53,789
53-2011	Bach	Airline Pilots, Copilots, and Flight Engineers	0.9%	1	2	\$97,406
53-3011	MOJT	Ambulance Drivers & Attendants, Except Emergency Medical Technicians	0.4%	0	2	\$24,170
49-3021	LTOJT	Automotive Body and Related Repairers	0.0%	0	13	\$40,706
49-3023	VocEd	Automotive Service Technicians and Mechanics	0.7%	19	51	\$36,733
49-3031	VocEd	Bus and Truck Mechanics and Diesel Engine Specialists	0.2%	1	11	\$45,365
53-3022	MOJT	Bus Drivers, School	1.1%	17	26	\$25,854
53-3021	MOJT	Bus Drivers, Transit and Intercity	0.4%	1	4	\$27,768
53-5021	Exp	Captains, Mates, and Pilots of Water Vessels	0.7%	0	1	\$82,659
43-5011	MOJT	Cargo and Freight Agents	0.6%	0	1	\$36,837
53-7061	STOJT	Cleaners of Vehicles and Equipment	0.1%	1	34	\$22,090
53-2012	VocEd	Commercial Pilots	1.7%	2	4	\$73,177
43-5032	MOJT	Dispatchers, Except Police, Fire, and Ambulance	0.3%	2	14	\$39,666
53-1031	Exp	First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle Operators	-0.4%	0	12	\$57,845
53-7051	STOJT	Industrial Truck and Tractor Operators	0.3%	5	39	\$30,514
53-7062	STOJT	Laborers and Freight, Stock, and Material Movers, Hand	-0.2%	0	192	\$27,227
13-1081	Bach	Logisticians	0.3%	1	10	\$73,195
49-3042	LTOJT	Mobile Heavy Equipment Mechanics, Except Engines	0.4%	2	10	\$43,805
53-3099	STOJT	Motor Vehicle Operators, All Other	0.4%	1	4	\$27,726
49-3051	LTOJT	Motorboat Mechanics	1.5%	2	2	\$33,530
49-3053	MOJT	Outdoor Power Equipment and Other Small Engine Mechanics	0.9%	1	1	\$33,509
53-7064	STOJT	Packers and Packagers, Hand	0.1%	2	49	\$24,378
43-5051	STOJT	Postal Service Clerks	-1.5%	0	5	\$49,800
43-5052	STOJT	Postal Service Mail Carriers	0.4%	4	34	\$46,400

SOC Code	Educ/Training	Title of Occupation	Ave Annual Growth Rate	Ave Annual Openings due to Growth	Ave Annual Openings due to Replacements	2008 Average Annual Wages
43-5053	STOJT	Postal Service Mail Sorters, Processors, & Processing Machine Operators	-3.1%	0	5	\$46,530
11-9131	Exp	Postmasters and Mail Superintendents	-1.1%	0	1	\$65,000
43-5061	MOJT	Production, Planning, and Expediting Clerks	-0.1%	0	18	\$41,683
49-3043	LTOJT	Rail Car Repairers	1.5%	2	3	\$45,074
53-4031	MOJT	Railroad Conductors and Yardmasters	0.3%	0	1	\$52,645
53-7081	STOJT	Refuse and Recyclable Material Collectors	1.0%	5	13	\$32,302
53-3041	STOJT	Taxi Drivers and Chauffeurs	1.5%	10	11	\$22,630
49-3093	STOJT	Tire Repairers and Changers	0.6%	2	5	\$23,629
39-6032	STOJT	Transportation Attendants, Except Flight Attendants and Baggage Porters	0.4%	0	1	\$25,334
53-6051	Exp	Transportation Inspectors	1.6%	3	4	\$36,837
11-3071	Exp	Transportation, Storage, and Distribution Managers	-1.4%	0	14	\$116,293
53-3032	STOJT	Truck Drivers, Heavy and Tractor-Trailer	1.0%	43	75	\$39,645
53-3033	STOJT	Truck Drivers, Light or Delivery Services	0.4%	12	54	\$31,886

Industry Projections

Total employment in Delaware is projected to increase by 34,450 jobs from 2008 to 2018. This represents an average annual growth rate of 0.7 percent, somewhat slower than the growth rate experienced by the state in recent decades. One major factor behind this slowdown is a decline in the expected population growth rate, particularly among the age groups with the highest labor force participation. Delaware's population of people 16 years old and over, the standard labor force universe, is projected by the Delaware Population Consortium to

grow by 11 percent from 2008 to 2018. The state population of people 16-plus grew by 18.5 percent from 1998-2008 and by 15.6 percent from 1988 to 1998. Population growth among those 16 to 65 is expected to slow even more dramatically. This core of the labor force is projected to grow by only 5.3 percent from 2008 to 2018, compared with growth rates of 16.8 percent from 1998 to 2008 and 13.5 percent from 1988 to 1998.

Another reason for the slowdown in job growth is the position of the business cycle. It is

impossible to predict whether an economy will be in recession or expansion ten years into the future, so the assumption for 2018 is that Delaware will be at or near full employment, which is the economic state of nature with the highest probability. That is the normal state of the economy. The average growth rate then depends heavily on the economic state of the starting point, which is known. Starting at a recession leads to a faster growth rate and starting at a peak to a slower growth rate. The current situation leads to a slower growth rate still – starting from near a peak and then going into



Arts, Entertainment, and Recreation is projected to grow annually at a rate of 1.4% and net 1,210 new jobs by 2018.

a deep recession. The job total in the start year, 2008, is close to the peak of 2007 because job losses did not begin in earnest in the state until late 2008. With the sizeable job losses of 2009 known at the time of these projections, it is obvious that it will take several more years of job growth just to make up those losses. That leaves only a handful of remaining years for net job gain. ►►

Information is projected to grow annually at a rate of 1.2% and net 900 new jobs by 2018.



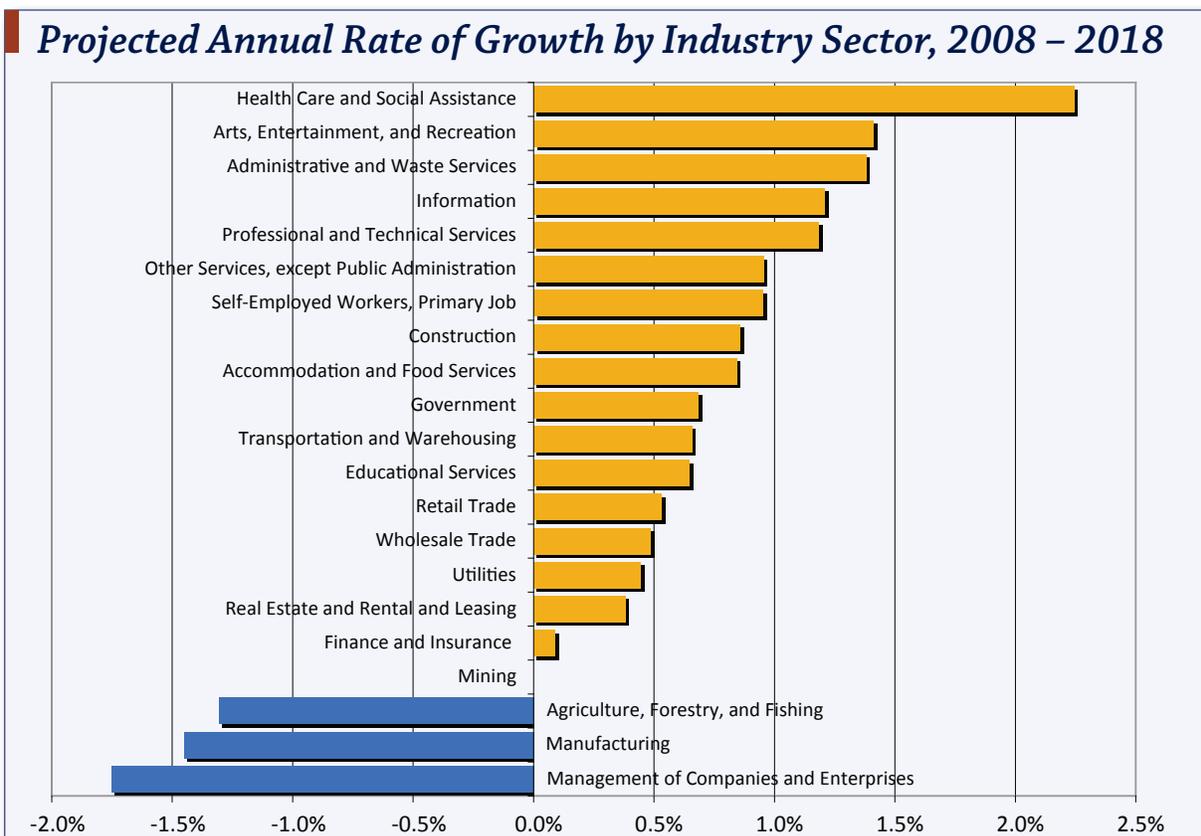
Over one-third of the total jobs created in the state are expected to be in **Health Care and Social Assistance**. This industry sector has shown remarkably consistent job growth in the state for many years and is the only major sector not to lose jobs in the current recession. The continuing increase in the average age of the state's population and increased access to health care coverage will work to sustain demand for health care services. Health Care and Social Assistance contains a mix of very high wage occupations, such as Physicians and Surgeons and very low wage occupations, such as Nursing Aides and Orderlies. Overall, the average wage is slightly below the state average for all industries.

Delaware's two highest-paying industry sectors are not projected to add many jobs. **Utilities** is the state's highest-paying industry sector, paying an average \$94,392 in wages per worker during 2009. There are 100 net new jobs projected in this sector. **Management of Companies and Enterprises** is the state's second highest-paying industry sector, with an average wage of \$88,528 in 2009. It is projected to shrink by close to 2,000 jobs by 2018.

Among Delaware's top five high wage industries, only **Professional, Scientific, and Technical Services** is projected to add over 1,000 jobs. With an average wage of \$81,176, it is the third highest-paying industry. There are just over 3,200 net new jobs projected among this sector's lawyers, accountants, scientists, and IT professionals by 2018.

After Health Care and Social Assistance, the industry sector with the most net new jobs projected is **Administrative and Waste Services**, with 3,360 new jobs projected. This sector, which includes call centers, security, landscaping, and janitorial services, pays relatively low wages. With an average annual wage of \$31,065 in 2009, wages in this sector average 35 percent below the state's overall average wage.

Accommodation and Food Services and **Retail Trade** are each projected to add about 2,900 jobs; each also pays below average wages and has a high proportion of part-time workers. Retail Trade is currently Delaware's second-biggest industry sector in terms of employment, after Health Care and Social Assistance. That ranking is not expected to change by 2018. ►►



Industry Projections

Employment in **Construction** has been most volatile in recent years. After peaking at just below 30,000 jobs in 2006, the number of Construction jobs fell below 20,000 by 2009. The current projections call for many, but not all, of those jobs to be regained. The annual growth rate for employment in Construction is still below one percent, because many of the jobs were lost after the 2008 base period.

Employment in **Manufacturing** is projected to decline, but at less than half the rate of the previous decade. While there was still some employment in *automobile assembly* in the state as of the base year of 2008, there is currently none, but there are plans for its return. Forecasting employment in this industry a decade ahead is more difficult than most. Since the current proposal calls for a return to only one of the state's two assembly plants, the forecast is somewhat conservative. The other Manufacturing subsector where large job losses are expected is *Chemical manufacturing*. This would continue a long-term trend of decline there.

Finance and Insurance, an important industry sector in Delaware, is projected to grow very slightly. This sector has suffered fewer job losses than many other industry sectors during the current recession and has seen relatively little employment change over the past decade. The current projection is for job losses of about 1,100 in *Banking* to be offset by gains in *Securities and investments*. Finance and Insurance paid an average wage of \$73,987 in 2009, fourth highest among the state's major industry sectors.

The major industry sector **Information** is projected to show above-average job growth. Comprised of subsectors such as *Publishing*, *Telecommunications*, and *Data processing*, it grew at a phenomenal rate in the 1990's, going from 4,000 jobs to 8,000 jobs in just seven years. It lost jobs early this decade after the bursting of the dot-com bubble, but has weathered the recession well and appears positioned to resume growth.

Arts, Entertainment, and Recreation is also projected to grow at an above-average rate and also suffered more job losses earlier in the decade than it did during the recession. Whether through expansion of existing locations or building new locations, the subsector *Amusements, gambling, and recreation* is projected to lead the sector in job growth. ■

Projected Net Job Growth by Industry Sector, 2018

Industry Sector	Net Job Growth
Health Care and Social Assistance	13,500
Administrative and Waste Services	3,360
Professional and Technical Services	3,220
Accommodation and Food Services	2,900
Retail Trade	2,880
Construction	2,260
Educational Services	2,130
Other Services, except Public Administration	2,110
Self-Employed Workers, Primary Job	2,100
Government	2,040
Arts, Entertainment, and Recreation	1,210
Transportation and Warehousing	910
Information	900
Wholesale Trade	730
Finance and Insurance	350
Real Estate and Rental and Leasing	250
Utilities	100
Mining	0
Agriculture, Forestry, and Fishing	-450
Management of Companies and Enterprises	-1,740
Manufacturing	-4,300



Professional and Technical Services is projected to grow annually at a rate of 1.2% and net 3,220 new jobs by 2018.

Industry Projections Table

NAICS	Industry	2008	2018	2008-2018 Change	2008-2018 Annual Growth
Total Employment, All Jobs		454,380	488,830	34,450	0.7%
	Total Self-Employed and Unpaid Family Workers, Primary Job	21,410	23,500	2,090	0.9%
	Self-Employed Workers, Primary Job	21,100	23,200	2,100	1.0%
	Unpaid Family Workers, Primary Job	310	300	-10	-0.3%
11 Agriculture, Forestry, Fishing		3,650	3,200	-450	-1.3%
111	Crop Production	2,220	2,000	-220	-1.0%
112	Animal Production	1,200	1,000	-200	-1.8%
115	Support Activities for Agriculture and Forestry	230	200	-30	-1.4%
21 Mining		0	0	0	-
22 Utilities		2,200	2,300	100	0.4%
23 Construction		25,340	27,600	2,260	0.9%
236	Construction of buildings	7,140	7,500	360	0.5%
237	Heavy and civil engineering construction	3,220	3,500	280	0.8%
238	Specialty trade contractors	14,980	16,600	1,620	1.0%
31-33 Manufacturing		31,650	27,350	-4,300	-1.4%
311	Food manufacturing	9,220	9,500	280	0.3%
312	Beverage and tobacco product manufacturing	180	150	-30	-1.8%
313	Textile mills	840	700	-140	-1.8%
314	Textile product mills	130	100	-30	-2.6%
315	Apparel manufacturing	160	200	40	2.3%
321	Wood product manufacturing	390	300	-90	-2.6%
322	Paper manufacturing	890	800	-90	-1.1%
323	Printing and related support activities	720	600	-120	-1.8%
324	Petroleum and coal products manufacturing	840	500	-340	-5.1%
325	Chemical manufacturing	4,200	3,200	-1,000	-2.7%
326	Plastics and rubber products manufacturing	1,530	1,200	-330	-2.4%
327	Nonmetallic mineral product manufacturing	820	700	-120	-1.6%
331	Primary metal manufacturing	730	550	-180	-2.8%
332	Fabricated metal product manufacturing	2,060	1,800	-260	-1.3%
333	Machinery manufacturing	290	200	-90	-3.6%
334	Computer and electronic product manufacturing	2,940	2,800	-140	-0.5%
335	Electrical equipment and appliance mfg.	740	800	60	0.8%
336	Transportation equipment manufacturing	2,900	1,500	-1,400	-6.4%
337	Furniture and related product manufacturing	880	750	-130	-1.6%
339	Miscellaneous manufacturing	1,190	1,000	-190	-1.7%

Industry Projections

NAICS	Industry	2008	2018	2008-2018 Change	2008-2018 Annual Growth
42 Wholesale Trade		14,670	15,400	730	0.5%
423	Merchant wholesalers, durable goods	5,480	5,000	-480	-0.9%
424	Merchant wholesalers, nondurable goods	6,180	6,800	620	1.0%
425	Electronic markets and agents and brokers	3,010	3,600	590	1.8%
44-45 Retail Trade		52,920	55,800	2,880	0.5%
441	Motor vehicle and parts dealers	6,940	7,200	260	0.4%
442	Furniture and home furnishings stores	2,530	2,700	170	0.7%
443	Electronics and appliance stores	1,980	2,100	120	0.6%
444	Building material and garden supply stores	4,810	5,300	490	1.0%
445	Food and beverage stores	8,930	9,600	670	0.7%
446	Health and personal care stores	3,870	4,500	630	1.5%
447	Gasoline stations	2,400	2,500	100	0.4%
448	Clothing and clothing accessories stores	5,330	5,600	270	0.5%
451	Sporting goods, hobby, book and music stores	2,140	2,000	-140	-0.7%
452	General merchandise stores	9,510	9,700	190	0.2%
453	Miscellaneous store retailers	3,240	3,300	60	0.2%
454	Nonstore retailers	1,240	1,300	60	0.5%
48-49 Transportation and Warehousing		13,440	14,350	910	0.7%
481	Air transportation	130	150	20	1.4%
482	Rail transportation	1,380	1,450	70	0.5%
484	Truck transportation	2,660	3,000	340	1.2%
485	Transit and ground passenger transportation	1,850	2,050	200	1.0%
488	Support activities for transportation	1,700	1,700	0	0.0%
491	Postal Service	2,180	2,000	-180	-0.9%
492	Couriers and messengers	1,440	1,500	60	0.4%
493	Warehousing and storage	2,100	2,500	400	1.8%
51 Information		7,050	7,950	900	1.2%
511	Publishing industries, except Internet	1,400	1,200	-200	-1.5%
512	Motion picture and sound recording industries	310	400	90	2.6%
515	Broadcasting, except Internet	350	500	150	3.6%
517	Telecommunications	3,290	3,700	410	1.2%
518	ISPs, search portals, and data processing	1,390	1,800	410	2.6%
519	Other information services	310	350	40	1.2%
52 Finance and Insurance		38,930	39,280	350	0.1%
522	Credit intermediation and related activities	27,130	26,000	-1,130	-0.4%
523	Securities, commodity contracts, investments	3,880	5,000	1,120	2.6%
524	Insurance carriers and related activities	7,580	7,900	320	0.4%
525	Funds, trusts, and other financial vehicles	340	380	40	1.1%

NAICS	Industry	2008	2018	2008-2018 Change	2008-2018 Annual Growth
53 Real Estate and Rental and Leasing		6,450	6,700	250	0.4%
531	Real estate	4,750	5,100	350	0.7%
532	Rental and leasing services	1,700	1,600	-100	-0.6%
54 Professional and Technical Services		25,780	29,000	3,220	1.2%
55 Management of Companies and Enterprises		10,740	9,000	-1,740	-1.8%
56 Administrative and waste services		22,840	26,200	3,360	1.4%
561	Administrative and support services	21,760	25,000	3,240	1.4%
562	Waste management and remediation services	1,080	1,200	120	1.1%
61 Educational Services		31,870	34,000	2,130	0.6%
62 Health Care and Social Assistance		54,300	67,800	13,500	2.2%
621	Ambulatory health care services	16,880	21,500	4,620	2.4%
622	Hospitals	19,800	24,000	4,200	1.9%
623	Nursing and residential care facilities	9,080	12,000	2,920	2.8%
624	Social assistance	8,540	10,300	1,760	1.9%
71 Arts, Entertainment, and Recreation		8,040	9,250	1,210	1.4%
711	Performing arts and spectator sports	810	900	90	1.1%
712	Museums, historical sites, zoos, and parks	740	850	110	1.4%
713	Amusements, gambling, and recreation	6,490	7,500	1,010	1.5%
72 Accommodation and Food Services		33,100	36,000	2,900	0.8%
721	Accommodation	2,900	3,000	100	0.3%
722	Food services and drinking places	30,200	33,000	2,800	0.9%
81 Other Services, Except Public Administration		21,140	23,250	2,110	1.0%
811	Repair and maintenance	3,580	3,800	220	0.6%
812	Personal and laundry services	4,440	4,900	460	1.0%
813	Membership associations and organizations	12,320	13,700	1,380	1.1%
814	Private Households	800	850	50	0.6%
Government		28,860	30,900	2,040	0.7%
	Federal Government, Excluding Postal Service	3,600	3,900	300	0.8%
	State Government, Excluding Education and Hospitals	17,690	19,000	1,310	0.7%
	Local government, Excluding Education and Hospitals	7,570	8,000	430	0.6%

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