

DELAWARE 2016

Occupation & Industry Projections



- *2006 wages*
- *Training and education information*
- *Jobs with the most annual openings*
- *Industry growth*



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Delaware Department of Labor
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June, 2008*

DELAWARE 2016

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Introduction

Every two years, the federal Bureau of Labor Statistics produces industry and occupation forecasts for a period ten years into the future, and the states are asked to do the same for their respective economies. This publication presents Delaware's efforts for the period 2006 to 2016. It supersedes the last such set of projections, which were generated for the 2004-2014 period and published in April, 2007.

Delaware is projected to have 46,200 more jobs in 2016 than in 2006, for an average annual growth rate of 1.0 percent. That growth will not be spread evenly across the state's industries; most of it will be concentrated among relatively few. Health Care and Social Assistance, Retail Trade, and Accommodation and Food Services will be among those industries continuing a long pattern of growth in the state. Professional and Technical Services and

Administrative and Waste Services, which have a more uneven history of job growth in Delaware, are both expected to be substantially larger by 2016, while long-term job creation engine Finance and Insurance is projected to be barely larger in 2016 than it was in 2006.

Retail Salesperson is the occupation with the greatest projected growth, with 2,670 new jobs expected by 2016. This would further cement its status as the state's most common occupation; there will be nearly 21,000 retail salespeople in Delaware by then. Registered Nurses are projected to increase by over 1,800, for a total of 10,010 RN's by 2016. Accountants and Auditors is another occupation paying above-average wages that has above-average growth projections, with over 800 new positions expected by 2016.



Occupation Projections by Occupational Group

In this section, we present job projections and associated data for 565 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 2006, the projection of total filled jobs in 2016, the wage category, job availability, and usual education or training requirements. In the following section we present these same occupations arranged by the 16 career clusters used by state educators. There you will find the forecasted average annual growth rate, average annual openings due to growth, average annual openings due to net replacement, and the 2006 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. The wage level adjusts until the supply and demand for any given occupation are the same - that point is the employment estimate or projection for that occupation. Any forecast a decade into the future that predicts shortages or surpluses ignores this fact and is not well grounded in economic theory.

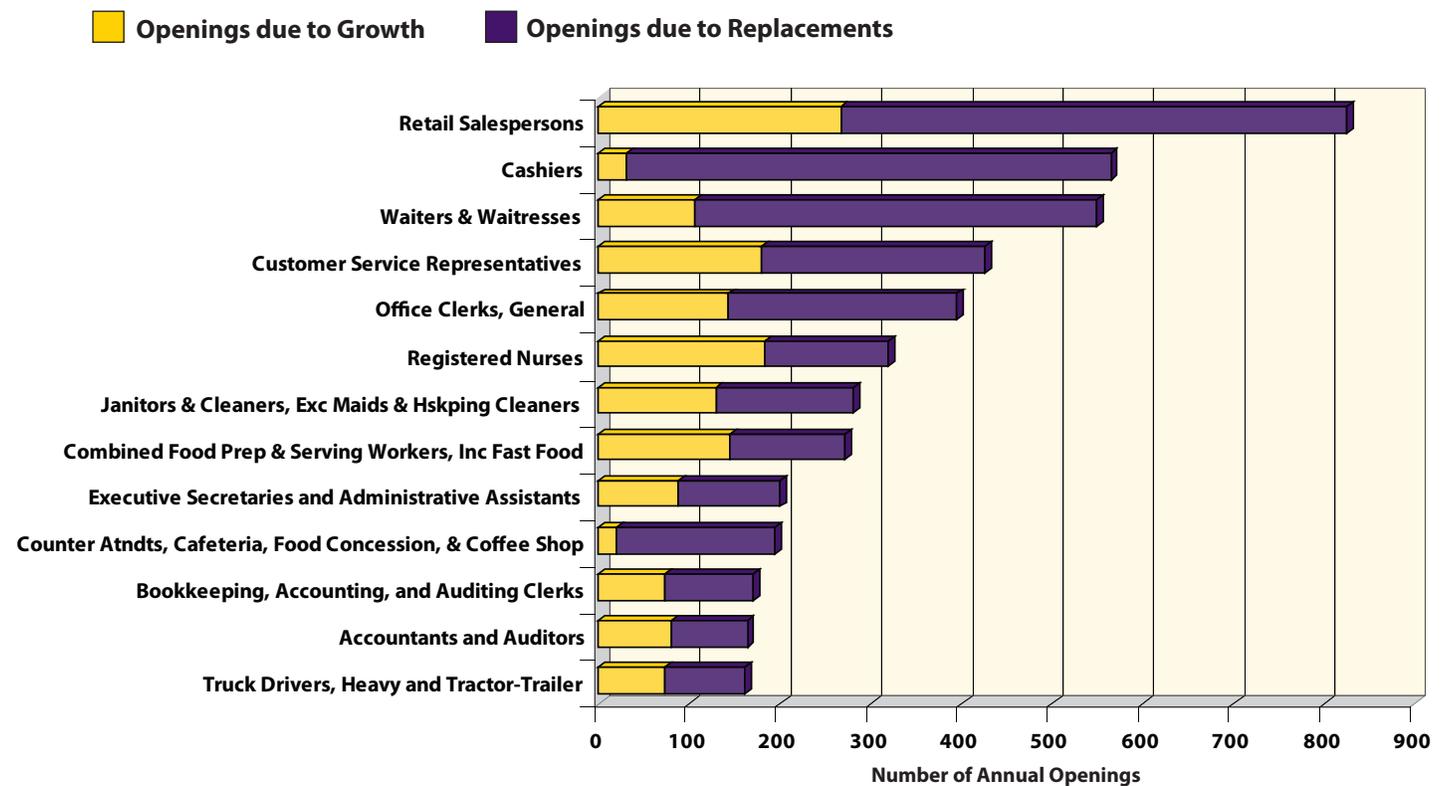
For ease of comparison, this first section presents occupational wages by wage categories. To create the categories, we divided the 565 occupations into quintiles. There are 113 occupations in each of the categories, which are based on the 2006 average annual wage for each occupation. Of course, it should 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.



Registered Nurses are expected to have 319 total openings annually between 2006 & 2016.

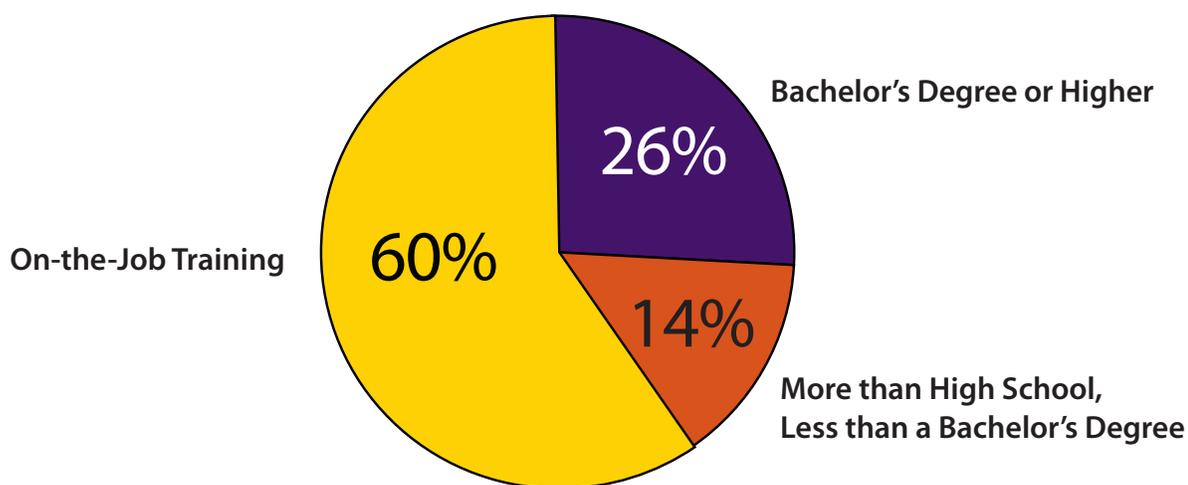
The lowest-paying 113 occupations (Low) paid below \$28,250 per year. The next lowest-paying 113 occupations, those in the Below Average category (-Avg.), had average wages between \$28,250 and \$35,600 per year. The middle category, Average (Avg.), paid from \$35,601 to \$44,920. The second highest-paying category, Above Average (+Avg.), had average wages from \$44,921 to \$61,300, while the 113 highest-paying occupations (High) had average annual wages exceeding \$61,300. (See Wage Categories Table on page 4.)

Occupations with the Most Annual Openings, 2006 – 2016



2 Occupation Projections by Occupational Group

New Jobs Created by Level of Education, 2006 – 2016



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 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.

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 19 such openings; and Excellent (Excl), with 20

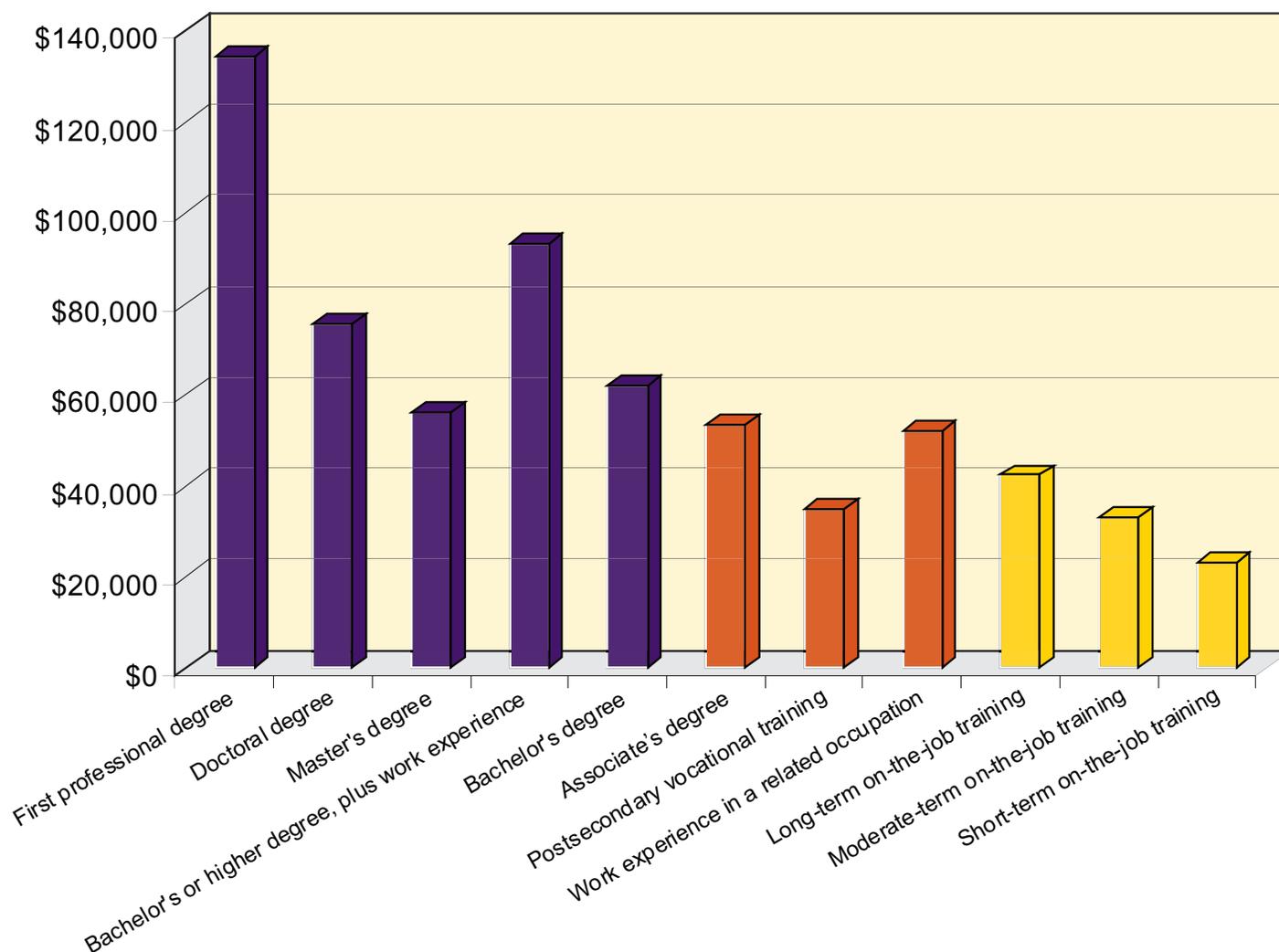
or more annual openings due to growth projected. There are 64 occupations with Excellent job availability, 160 in the Good category, 186 with Fair job availability prospects, and 155 in the Poor category. (See Job Availability Table on page 4.)

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 2006 average wage for occupations falling within each category, are provided in the table on page 4.

Projected Openings and Growth by Education Level, 2006 – 2016

Education/Training Requirements	Total Openings 2006-2016	Percent of Total Openings	New Jobs	Annual Percent Growth
First professional degree	2,040	1.4%	780	1.1%
Doctoral degree	590	0.4%	260	1.3%
Master's degree	2,410	1.6%	1,030	1.4%
Bachelor's or higher degree, plus work experience	7,130	4.8%	2,260	1.0%
Bachelor's degree	19,080	12.8%	7,910	1.3%
Associate's degree	7,370	4.9%	3,440	1.6%
Postsecondary vocational training	7,410	5.0%	3,280	1.3%
Work experience in a related occupation	11,730	7.8%	4,030	1.0%
Long-term on-the-job training	8,490	5.7%	2,430	0.9%
Moderate-term on-the-job training	19,810	13.2%	5,750	0.8%
Short-term on-the-job training	63,510	42.5%	15,730	0.9%

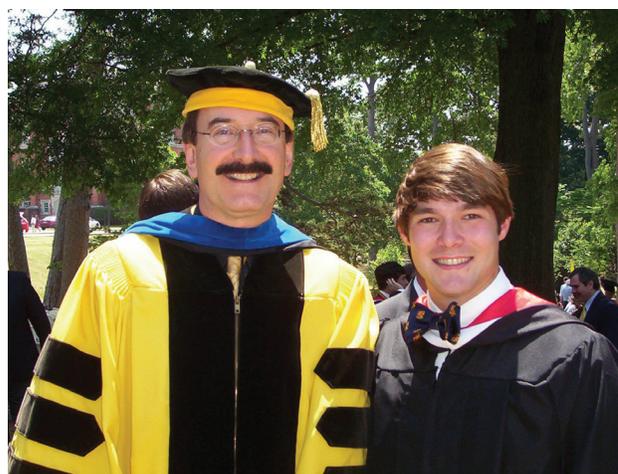
Wages by Level of Education, 2006



While most of the new jobs expected to be created over the next ten years will not require postsecondary education, the vast majority of those that pay well will. Forty percent of the new jobs will require college or formal vocational training, while 60 percent will involve on-the-job training (with most of these requiring at least a high school diploma to get in the door). However, of the 226 occupations paying High or Above Average wages, only 32 do not require postsecondary education or prior work experience in a related occupation. Education pays.

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 above 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.

Education Pays



Of the 226 occupations paying High or Above Average wages, only 32 do not require postsecondary education or prior work experience in a related occupation.

4 Occupation Projections by Occupational Group

Category Definitions for Projections by Occupational Group Table

Wage Categories

Wage Category	Abbreviation	2006 Average Annual Wage
Low	Low	Below \$28,250
Below Average	-Avg	\$28,250 to \$35,600
Average	Avg	\$35,601 to \$44,920
Above Average	+Avg	\$44,921 to \$61,300
High	High	Above \$61,300



Commercial Pilots

In 2006, 150 Commercial Pilots were employed in Delaware. By 2016, it is expected that there will be 190. The wage category is High – Above \$61,300. Commercial Pilots can expect from 4 to 19 openings annually due to growth and the expected education necessary to be fully qualified is Vocational.

Job Availability Categories

Category	Openings Due to Growth	Number of Occupations in Each Category
Poor	0	155
Fair	1 to 3	186
Good	4 to 19	160
Excellent	20 or more	64

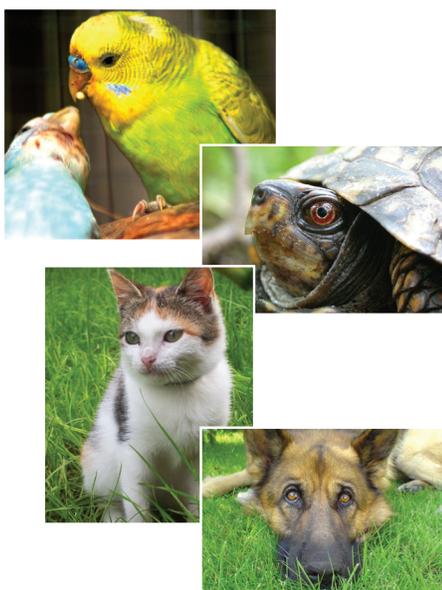
Veterinarians

In 2006, 290 Veterinarians were estimated to work in Delaware. By 2016, it is expected that there will be 360. Veterinarians are in a High wage category – Above \$61,300. They have Good job availability but must be willing and able to complete a Professional degree.



Chefs and Head Cooks

In 2006, 390 Chefs and Head Cooks were employed in Delaware. By 2016, it is expected that there will be 420. The wage category is Average – from \$35,601 to \$44,920. Job availability is Fair - from 1 - 3 openings per year. One must have Experience to do this work.



Wages by Level of Education, 2006

Abbreviation	Education/Training Category	2006 Average Wage
Prof	First professional degree	\$134,582
PhD	Doctoral degree	75,825
Mast	Master's degree	56,188
Bach+	Bachelor's or higher degree, plus work experience	93,098
Bach	Bachelor's degree	62,286
Assoc	Associate's degree	53,420
VocEd	Postsecondary vocational training	34,847
Exp	Work experience in a related occupation	52,348
LTOJT	Long-term on-the-job training (over 12 months)	42,429
MOJT	Moderate-term on-the-job training (1 to 12 months)	33,050
STOJT	Short-term on-the-job training (up to 1 month)	23,191

Occupation Projections by Occupational Group Table

SOC Code	Title of Occupation	2006 Empl	2016 Empl	Wage Category	Job Avail	Training
11-0000 Management Occupations						
11-1011	Chief Executives	960	980	High	Fair	Bach+
11-1021	General and Operations Managers	4,460	4,500	High	Good	Bach+
11-1031	Legislators	510	550	-Avg	Good	Bach+
11-2011	Advertising and Promotions Managers	130	130	High	Poor	Bach+
11-2021	Marketing Managers	810	870	High	Good	Bach+
11-2022	Sales Managers	1,070	1,160	High	Good	Bach+
11-2031	Public Relations Managers	150	180	High	Fair	Bach+
11-3011	Administrative Services Managers	720	790	High	Good	Bach+
11-3021	Computer and Information Systems Managers	1,050	1,170	High	Good	Bach+
11-3031	Financial Managers	1,840	2,070	High	Excl	Bach+
11-3041	Compensation and Benefits Managers	250	280	High	Fair	Bach+
11-3042	Training and Development Managers	160	180	High	Fair	Bach+
11-3049	Human Resources Managers, All Other	120	140	High	Fair	Bach+
11-3051	Industrial Production Managers	470	440	High	Poor	Exp
11-3061	Purchasing Managers	280	310	High	Fair	Bach+
11-3071	Transportation, Storage, and Distribution Managers	330	380	High	Good	Exp
11-9021	Construction Managers	1,030	1,200	High	Good	Bach
11-9031	Ed. Administrators, Preschool & Child Care Center/Program	250	270	Avg	Fair	Bach+
11-9032	Education Administrators, Elementary and Secondary School	560	590	High	Fair	Bach+
11-9033	Education Administrators, Postsecondary	540	600	High	Good	Bach+
11-9039	Education Administrators, All Other	40	50	High	Fair	Bach+
11-9041	Engineering Managers	360	380	High	Fair	Bach+
11-9051	Food Service Managers	1,560	1,770	+Avg	Excl	Exp
11-9061	Funeral Directors	80	90	High	Fair	Assoc
11-9081	Lodging Managers	150	170	+Avg	Fair	Exp
11-9111	Medical and Health Services Managers	910	1,060	High	Good	Bach+
11-9131	Postmasters and Mail Superintendents	50	50	High	Poor	Exp
11-9141	Property, Real Estate, and Community Association Managers	240	270	High	Fair	Bach
11-9151	Social and Community Service Managers	590	670	+Avg	Good	Bach
11-9199	Managers, All Other	1,080	1,240	High	Good	Exp
13-0000 Business and Financial Operations Occupations						
13-1021	Purchasing Agents and Buyers, Farm Products	20	20	Avg	Poor	LTOJT
13-1022	Wholesale and Retail Buyers, Except Farm Products	370	390	+Avg	Fair	LTOJT
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	700	730	+Avg	Fair	LTOJT
13-1031	Claims Adjusters, Examiners, and Investigators	820	950	+Avg	Good	LTOJT
13-1041	Compliance Officers, Exc. Ag., Const., Health & Safety, and Trans.	720	790	+Avg	Good	LTOJT

6 Occupation Projections by Occupational Group Table

SOC Code	Title of Occupation	2006 Empl	2016 Empl	Wage Category	Job Avail	Training
13-1051	Cost Estimators	990	1,190	+Avg	Excl	Bach
13-1061	Emergency Management Specialists	20	20	High	Poor	Exp
13-1071	Employment, Recruitment, and Placement Specialists	800	920	+Avg	Good	Bach
13-1072	Compensation, Benefits, and Job Analysis Specialists	550	640	+Avg	Good	Bach
13-1073	Training and Development Specialists	1,150	1,330	+Avg	Good	Bach+
13-1079	Human Resources, Training, & Labor Relations Specialists, All Other	470	550	+Avg	Good	Bach
13-1081	Logisticians	210	250	High	Good	Bach
13-1111	Management Analysts	3,740	4,440	High	Excl	Bach+
13-1121	Meeting and Convention Planners	260	290	+Avg	Fair	Bach
13-1199	Business Operations Specialists, All Other	2,070	2,430	+Avg	Excl	Bach
13-2011	Accountants and Auditors	4,700	5,510	+Avg	Excl	Bach
13-2021	Appraisers and Assessors of Real Estate	130	150	+Avg	Fair	Bach
13-2031	Budget Analysts	140	160	+Avg	Fair	Bach
13-2051	Financial Analysts	1,570	1,800	High	Excl	Bach
13-2052	Personal Financial Advisors	860	1,030	High	Good	Bach
13-2053	Insurance Underwriters	290	320	+Avg	Fair	Bach
13-2061	Financial Examiners	110	120	High	Fair	Bach
13-2071	Loan Counselors	160	150	Avg	Poor	Bach
13-2072	Loan Officers	830	830	High	Poor	Bach
13-2081	Tax Examiners, Collectors, and Revenue Agents	190	210	+Avg	Fair	Bach
13-2082	Tax Preparers	850	770	Avg	Poor	MOJT
13-2099	Financial Specialists, All Other	900	850	Avg	Poor	Bach
15-0000 Computer and Mathematical Occupations						
15-1011	Computer and Information Scientists, Research	100	120	High	Fair	PhD
15-1021	Computer Programmers	2,000	1,870	High	Poor	Bach
15-1031	Computer Software Engineers, Applications	1,730	2,360	High	Excl	Bach
15-1032	Computer Software Engineers, Systems Software	810	950	High	Good	Bach
15-1041	Computer Support Specialists	2,090	2,260	+Avg	Good	Assoc
15-1051	Computer Systems Analysts	2,080	2,520	High	Excl	Bach
15-1061	Database Administrators	930	1,160	High	Excl	Bach
15-1071	Network and Computer Systems Administrators	1,130	1,350	High	Excl	Bach
15-1081	Network Systems and Data Communications Analysts	1,230	1,890	High	Excl	Bach
15-1099	Computer Specialists, All Other	220	240	High	Fair	Assoc
15-2031	Operations Research Analysts	450	440	High	Poor	Mast
15-2099	Mathematical Science Occupations, All Other	20	10	High	Poor	Mast
17-0000 Architecture and Engineering Occupations						
17-1011	Architects, Except Landscape and Naval	290	320	High	Fair	Bach
17-1012	Landscape Architects	120	140	+Avg	Fair	Bach
17-1021	Cartographers and Photogrammetrists	20	20	+Avg	Poor	Bach

SOC Code	Title of Occupation	2006 Empl	2016 Empl	Wage Category	Job Avail	Training
17-1022	Surveyors	440	500	+Avg	Good	Bach
17-2041	Chemical Engineers	840	920	High	Good	Bach
17-2051	Civil Engineers	1,050	1,170	High	Good	Bach
17-2061	Computer Hardware Engineers	130	160	High	Fair	Bach
17-2071	Electrical Engineers	550	620	High	Good	Bach
17-2072	Electronics Engineers, Except Computer	100	110	+Avg	Fair	Bach
17-2081	Environmental Engineers	200	240	High	Good	Bach
17-2111	Health & Safety Engineers, Exc. Mining Safety Engineers & Inspectors	130	140	High	Fair	Bach
17-2112	Industrial Engineers	630	710	High	Good	Bach
17-2131	Materials Engineers	20	20	High	Poor	Bach
17-2141	Mechanical Engineers	430	450	High	Fair	Bach
17-2199	Engineers, All Other	400	440	High	Fair	Bach
17-3011	Architectural and Civil Drafters	280	270	Avg	Poor	VocEd
17-3012	Electrical and Electronics Drafters	190	200	+Avg	Fair	VocEd
17-3013	Mechanical Drafters	200	210	High	Fair	VocEd
17-3022	Civil Engineering Technicians	180	190	Avg	Fair	Assoc
17-3023	Electrical and Electronic Engineering Technicians	520	620	+Avg	Good	Assoc
17-3024	Electro-Mechanical Technicians	50	60	Avg	Fair	Assoc
17-3025	Environmental Engineering Technicians	60	70	Avg	Fair	Assoc
17-3026	Industrial Engineering Technicians	210	250	+Avg	Good	Assoc
17-3027	Mechanical Engineering Technicians	60	60	+Avg	Poor	Assoc
17-3029	Engineering Technicians, Except Drafters, All Other	30	20	+Avg	Poor	Assoc
17-3031	Surveying and Mapping Technicians	140	160	-Avg	Fair	MOJT

19-0000 Life, Physical, and Social Science Occupations

19-1013	Soil and Plant Scientists	60	70	+Avg	Fair	Bach
19-1021	Biochemists and Biophysicists	600	660	High	Good	PhD
19-1022	Microbiologists	60	70	+Avg	Fair	PhD
19-1023	Zoologists and Wildlife Biologists	10	10	High	Poor	Bach
19-1029	Biological Scientists, All Other	40	40	+Avg	Poor	PhD
19-1031	Conservation Scientists	30	40	High	Fair	Bach
19-1032	Foresters	20	30	+Avg	Poor	Bach
19-2012	Physicists	30	40	High	Poor	PhD
19-2031	Chemists	910	1,030	High	Good	Bach
19-2032	Materials Scientists	50	50	+Avg	Poor	Bach
19-2041	Environmental Scientists and Specialists, Including Health	290	350	+Avg	Good	Mast
19-2042	Geoscientists, Except Hydrologists and Geographers	80	100	High	Fair	Mast
19-2043	Hydrologists	30	30	High	Fair	Mast
19-3011	Economists	60	70	High	Fair	Mast
19-3021	Market Research Analysts	2,040	2,070	High	Fair	Bach
19-3031	Clinical, Counseling, and School Psychologists	500	570	High	Good	PhD

8 Occupation Projections by Occupational Group Table

SOC Code	Title of Occupation	2006 Empl	2016 Empl	Wage Category	Job Avail	Training
19-3051	Urban and Regional Planners	140	150	+Avg	Fair	Mast
19-3093	Historians	30	40	Avg	Poor	Mast
19-3099	Social Scientists and Related Workers, All Other	50	50	High	Poor	Mast
19-4011	Agricultural and Food Science Technicians	20	20	-Avg	Poor	Assoc
19-4031	Chemical Technicians	1,110	1,220	+Avg	Good	Assoc
19-4091	Environmental Science and Protection Technicians, Inc. Health	170	230	Avg	Good	Assoc
19-4092	Forensic Science Technicians	40	50	+Avg	Fair	Bach
19-4099	Life, Physical, and Social Science Technicians, All Other	50	60	Avg	Poor	Assoc
21-0000 Community and Social Service Occupations						
21-1011	Substance Abuse and Behavioral Disorder Counselors	290	390	Avg	Good	Bach
21-1012	Educational, Vocational, and School Counselors	880	940	+Avg	Good	Mast
21-1014	Mental Health Counselors	210	270	-Avg	Good	Mast
21-1015	Rehabilitation Counselors	610	700	Avg	Good	Mast
21-1021	Child, Family, and School Social Workers	2,000	2,250	Avg	Excl	Bach
21-1022	Medical and Public Health Social Workers	380	430	+Avg	Good	Bach
21-1023	Mental Health and Substance Abuse Social Workers	480	570	Avg	Good	Mast
21-1029	Social Workers, All Other	30	30	+Avg	Poor	Bach
21-1091	Health Educators	190	230	+Avg	Good	Bach
21-1093	Social and Human Service Assistants	790	960	-Avg	Good	MOJT
21-1099	Community and Social Service Specialists, All Other	860	1,010	-Avg	Good	Bach
21-2011	Clergy	40	50	+Avg	Fair	Mast
23-0000 Legal Occupations						
23-1011	Lawyers	2,930	3,150	High	Excl	Prof
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	70	70	High	Fair	Bach+
23-1022	Arbitrators, Mediators, and Conciliators	50	60	+Avg	Fair	Bach+
23-1023	Judges, Magistrate Judges, and Magistrates	120	140	High	Fair	Bach+
23-2011	Paralegals and Legal Assistants	1,430	1,670	+Avg	Excl	Assoc
23-2091	Court Reporters	30	30	+Avg	Poor	VocEd
23-2092	Law Clerks	270	260	Avg	Poor	Bach
23-2093	Title Examiners, Abstractors, and Searchers	220	210	-Avg	Poor	MOJT
23-2099	Legal Support Workers, All Other	90	110	+Avg	Fair	MOJT
25-0000 Education, Training, and Library Occupations						
25-1011	Business Teachers, Postsecondary	230	280	High	Good	Mast
25-1021	Computer Science Teachers, Postsecondary	110	130	High	Fair	Mast
25-1022	Mathematical Science Teachers, Postsecondary	160	190	High	Fair	Mast
25-1066	Psychology Teachers, Postsecondary	70	80	High	Fair	PhD
25-1072	Nursing Instructors and Teachers, Postsecondary	100	120	High	Fair	PhD
25-1081	Education Teachers, Postsecondary	200	230	+Avg	Good	PhD

SOC Code	Title of Occupation	2006 Empl	2016 Empl	Wage Category	Job Avail	Training
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	20	30	High	Poor	PhD
25-1121	Art, Drama, and Music Teachers, Postsecondary	200	240	+Avg	Good	Mast
25-1123	English Language and Literature Teachers, Postsecondary	210	250	High	Good	Mast
25-1124	Foreign Language and Literature Teachers, Postsecondary	120	140	+Avg	Fair	Mast
25-1193	Recreation and Fitness Studies Teachers, Postsecondary	20	30	+Avg	Fair	Mast
25-1194	Vocational Education Teachers, Postsecondary	1,220	1,430	+Avg	Excl	Bach+
25-1199	Postsecondary Teachers, All Other	110	130	High	Fair	PhD
25-2011	Preschool Teachers, Except Special Education	1,190	1,300	Low	Good	VocEd
25-2012	Kindergarten Teachers, Except Special Education	340	380	Avg	Fair	Bach
25-2021	Elementary School Teachers, Except Special Education	4,390	4,840	+Avg	Excl	Bach
25-2022	Middle School Teachers, Except Special and Vocational Education	1,210	1,310	+Avg	Good	Bach
25-2023	Vocational Education Teachers, Middle School	30	30	+Avg	Poor	Bach+
25-2031	Secondary School Teachers, Except Special and Vocational Education	2,010	2,070	+Avg	Good	Bach
25-2032	Vocational Education Teachers, Secondary School	380	360	+Avg	Poor	Bach+
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	490	560	+Avg	Good	Bach
25-2042	Special Education Teachers, Middle School	400	450	+Avg	Good	Bach
25-2043	Special Education Teachers, Secondary School	560	590	+Avg	Fair	Bach
25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	300	320	+Avg	Fair	Bach
25-3021	Self-Enrichment Education Teachers	1,130	1,370	Avg	Excl	Exp
25-3099	Teachers and Instructors, All Other	980	1,090	+Avg	Good	Bach
25-4011	Archivists	30	30	Avg	Poor	Mast
25-4012	Curators	30	30	+Avg	Poor	Mast
25-4013	Museum Technicians and Conservators	30	30	Avg	Poor	Bach
25-4021	Librarians	440	470	+Avg	Fair	Mast
25-4031	Library Technicians	340	410	-Avg	Good	VocEd
25-9011	Audio-Visual Collections Specialists	10	10	Avg	Poor	Bach
25-9031	Instructional Coordinators	470	550	+Avg	Good	Mast
25-9041	Teacher Assistants	3,640	3,860	Low	Excl	STOJT
25-9099	Education, Training, and Library Workers, All Other	110	120	Avg	Fair	Bach

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

27-1011	Art Directors	120	120	High	Fair	Bach+
27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	40	50	-Avg	Fair	LTOJT
27-1014	Multi-Media Artists and Animators	240	290	Avg	Good	Bach
27-1021	Commercial and Industrial Designers	90	100	+Avg	Fair	Bach
27-1022	Fashion Designers	10	10	High	Poor	Assoc
27-1023	Floral Designers	230	240	Low	Fair	MOJT
27-1024	Graphic Designers	500	560	+Avg	Good	Bach
27-1025	Interior Designers	140	160	+Avg	Fair	Assoc
27-1026	Merchandise Displayers and Window Trimmers	290	350	-Avg	Good	MOJT
27-1027	Set and Exhibit Designers	100	120	Avg	Fair	Bach

10 Occupation Projections by Occupational Group Table

SOC Code	Title of Occupation	2006 Empl	2016 Empl	Wage Category	Job Avail	Training
27-2012	Producers and Directors	640	710	-Avg	Good	Bach+
27-2021	Athletes and Sports Competitors	20	20	+Avg	Poor	LTOJT
27-2022	Coaches and Scouts	580	650	Avg	Good	LTOJT
27-2023	Umpires, Referees, and Other Sports Officials	70	80	Low	Fair	LTOJT
27-2041	Music Directors and Composers	30	30	High	Poor	Bach+
27-3011	Radio and Television Announcers	80	80	-Avg	Poor	LTOJT
27-3012	Public Address System and Other Announcers	30	30	Avg	Poor	LTOJT
27-3022	Reporters and Correspondents	200	220	Avg	Fair	Bach
27-3031	Public Relations Specialists	630	720	+Avg	Good	Bach
27-3041	Editors	280	300	+Avg	Fair	Bach
27-3042	Technical Writers	110	130	+Avg	Fair	Bach
27-3043	Writers and Authors	230	280	+Avg	Good	Bach
27-3091	Interpreters and Translators	20	20	+Avg	Poor	LTOJT
27-3099	Media and Communication Workers, All Other	70	80	-Avg	Fair	LTOJT
27-4011	Audio and Video Equipment Technicians	310	350	Avg	Good	LTOJT
27-4012	Broadcast Technicians	180	210	Avg	Fair	Assoc
27-4014	Sound Engineering Technicians	80	90	+Avg	Fair	VocEd
27-4021	Photographers	240	250	-Avg	Fair	LTOJT
27-4031	Camera Operators, Television, Video, and Motion Picture	140	170	Avg	Fair	VocEd
27-4032	Film and Video Editors	10	20	Avg	Fair	Bach
27-4099	Media and Communication Equipment Workers, All Other	30	30	+Avg	Poor	MOJT
29-0000 Healthcare Practitioners and Technical Occupations						
29-1011	Chiropractors	210	250	High	Fair	Prof
29-1021	Dentists, General	370	390	High	Fair	Prof
29-1031	Dietitians and Nutritionists	230	260	+Avg	Good	Bach
29-1041	Optometrists	120	130	High	Fair	Prof
29-1051	Pharmacists	670	840	High	Good	Prof
29-1061	Anesthesiologists	170	200	High	Fair	Prof
29-1062	Family and General Practitioners	370	400	High	Good	Prof
29-1063	Internists, General	170	190	High	Fair	Prof
29-1064	Obstetricians and Gynecologists	50	60	High	Fair	Prof
29-1065	Pediatricians, General	30	30	High	Poor	Prof
29-1066	Psychiatrists	100	110	High	Fair	Prof
29-1067	Surgeons	320	350	High	Fair	Prof
29-1069	Physicians and Surgeons, All Other	700	820	High	Good	Prof
29-1071	Physician Assistants	250	310	High	Good	Mast
29-1081	Podiatrists	90	90	High	Fair	Prof
29-1111	Registered Nurses	8,170	10,010	+Avg	Excl	Assoc
29-1122	Occupational Therapists	560	660	+Avg	Good	Mast
29-1123	Physical Therapists	490	610	High	Good	Mast

SOC Code	Title of Occupation	2006 Empl	2016 Empl	Wage Category	Job Avail	Training
29-1125	Recreational Therapists	100	100	Avg	Poor	Bach
29-1126	Respiratory Therapists	280	330	+Avg	Good	Assoc
29-1127	Speech-Language Pathologists	310	340	High	Fair	Mast
29-1129	Therapists, All Other	20	20	High	Poor	Bach
29-1131	Veterinarians	290	360	High	Good	Prof
29-1199	Health Diagnosing and Treating Practitioners, All Other	190	230	High	Fair	Bach
29-2011	Medical and Clinical Laboratory Technologists	460	480	+Avg	Fair	Bach
29-2012	Medical and Clinical Laboratory Technicians	210	240	-Avg	Fair	Assoc
29-2021	Dental Hygienists	560	700	+Avg	Good	Assoc
29-2032	Diagnostic Medical Sonographers	340	400	+Avg	Good	Assoc
29-2033	Nuclear Medicine Technologists	60	70	High	Fair	Assoc
29-2034	Radiologic Technologists and Technicians	940	1,090	+Avg	Good	Assoc
29-2041	Emergency Medical Technicians and Paramedics	820	950	-Avg	Good	VocEd
29-2051	Dietetic Technicians	130	150	Low	Fair	VocEd
29-2052	Pharmacy Technicians	1,270	1,760	Low	Excl	MOJT
29-2054	Respiratory Therapy Technicians	50	50	Avg	Poor	Assoc
29-2055	Surgical Technologists	250	310	Avg	Good	VocEd
29-2056	Veterinary Technologists and Technicians	240	310	-Avg	Good	Assoc
29-2061	Licensed Practical and Licensed Vocational Nurses	2,020	2,290	Avg	Excl	VocEd
29-2071	Medical Records and Health Information Technicians	510	580	-Avg	Good	Assoc
29-2081	Opticians, Dispensing	370	380	-Avg	Fair	LTOJT
29-2091	Orthotists and Prosthetists	30	30	High	Poor	Bach
29-2099	Health Technologists and Technicians, All Other	70	80	-Avg	Fair	VocEd
29-9011	Occupational Health and Safety Specialists	200	220	High	Fair	Bach
29-9012	Occupational Health and Safety Technicians	20	30	Avg	Poor	Bach
29-9091	Athletic Trainers	40	40	Avg	Fair	Bach
29-9099	Healthcare Practitioners and Technical Workers, All Other	230	270	-Avg	Good	Bach
31-0000 Healthcare Support Occupations						
31-1011	Home Health Aides	1,530	2,170	Low	Excl	STOJT
31-1012	Nursing Aides, Orderlies, and Attendants	5,050	5,920	Low	Excl	VocEd
31-2011	Occupational Therapist Assistants	200	240	Avg	Good	Assoc
31-2012	Occupational Therapist Aides	20	20	-Avg	Poor	STOJT
31-2021	Physical Therapist Assistants	290	360	Avg	Good	Assoc
31-2022	Physical Therapist Aides	220	260	-Avg	Good	STOJT
31-9011	Massage Therapists	140	180	Avg	Fair	VocEd
31-9091	Dental Assistants	720	900	-Avg	Good	MOJT
31-9092	Medical Assistants	1,030	1,350	-Avg	Excl	MOJT
31-9093	Medical Equipment Preparers	190	200	-Avg	Fair	STOJT
31-9094	Medical Transcriptionists	260	290	-Avg	Fair	VocEd
31-9095	Pharmacy Aides	30	30	Low	Poor	STOJT

12 Occupation Projections by Occupational Group Table

SOC Code	Title of Occupation	2006 Empl	2016 Empl	Wage Category	Job Avail	Training
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	220	240	Low	Fair	STOJT
31-9099	Healthcare Support Workers, All Other	410	470	-Avg	Good	STOJT
33-0000 Protective Service Occupations						
33-1012	First-Line Supervisors/Managers of Police and Detectives	170	190	High	Fair	Exp
33-1099	First-Line Supervisors/Managers, Protective Service Workers, All Other	110	120	Avg	Fair	Exp
33-2021	Fire Inspectors and Investigators	20	20	Low	Poor	Exp
33-3011	Bailiffs	40	40	-Avg	Fair	MOJT
33-3021	Detectives and Criminal Investigators	320	400	+Avg	Good	Exp
33-3051	Police and Sheriff's Patrol Officers	1,780	2,000	+Avg	Excl	LTOJT
33-9011	Animal Control Workers	120	140	Low	Fair	MOJT
33-9021	Private Detectives and Investigators	40	40	Avg	Poor	Exp
33-9031	Gaming Surveillance Officers and Gaming Investigators	70	110	Low	Good	MOJT
33-9032	Security Guards	3,600	4,270	Low	Excl	STOJT
33-9091	Crossing Guards	200	230	-Avg	Fair	STOJT
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	550	620	Low	Good	STOJT
33-9099	Protective Service Workers, All Other	80	80	Low	Fair	STOJT
35-0000 Food Preparation and Serving-Related Occupations						
35-1011	Chefs and Head Cooks	390	420	Avg	Fair	Exp
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	2,230	2,530	-Avg	Excl	Exp
35-2011	Cooks, Fast Food	1,020	1,130	Low	Good	STOJT
35-2012	Cooks, Institution and Cafeteria	590	660	Low	Good	MOJT
35-2014	Cooks, Restaurant	2,800	3,190	Low	Excl	LTOJT
35-2015	Cooks, Short Order	980	1,040	Low	Good	STOJT
35-2021	Food Preparation Workers	2,820	3,330	Low	Excl	STOJT
35-3011	Bartenders	1,810	2,020	Low	Excl	STOJT
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	6,740	8,180	Low	Excl	STOJT
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	2,520	2,710	Low	Excl	STOJT
35-3031	Waiters and Waitresses	8,160	9,220	Low	Excl	STOJT
35-3041	Food Servers, Nonrestaurant	1,050	1,190	Low	Good	STOJT
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	1,380	1,590	Low	Excl	STOJT
35-9021	Dishwashers	1,860	2,100	Low	Excl	STOJT
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	1,360	1,530	Low	Good	STOJT
37-0000 Building and Grounds Cleaning and Maintenance Occupations						
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	1,530	1,570	-Avg	Good	Exp
37-1012	First-Line Spvsrs/Mngrs of Landscaping, Lawn Service, & Grndskping Workers	480	570	+Avg	Good	Exp
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	7,940	9,220	Low	Excl	STOJT
37-2012	Maids and Housekeeping Cleaners	2,750	3,100	Low	Excl	STOJT
37-2021	Pest Control Workers	180	220	-Avg	Good	MOJT

SOC Code	Title of Occupation	2006 Empl	2016 Empl	Wage Category	Job Avail	Training
37-3011	Landscaping and Groundskeeping Workers	3,690	4,490	Low	Excl	STOJT
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	230	290	-Avg	Good	MOJT
37-3013	Tree Trimmers and Pruners	40	40	Avg	Fair	STOJT
37-3019	Grounds Maintenance Workers, All Other	30	30	Low	Poor	STOJT

39-0000 Personal Care and Service Occupations

39-1011	Gaming Supervisors	50	70	Avg	Fair	Exp
39-1021	First-Line Supervisors/Managers of Personal Service Workers	420	480	Avg	Good	Exp
39-2011	Animal Trainers	170	200	Avg	Fair	MOJT
39-2021	Nonfarm Animal Caretakers	590	660	Low	Good	STOJT
39-3031	Ushers, Lobby Attendants, and Ticket Takers	330	420	Low	Good	STOJT
39-3091	Amusement and Recreation Attendants	520	590	Low	Good	STOJT
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	50	50	Low	Fair	STOJT
39-4011	Embalmers	30	30	Avg	Fair	VocEd
39-4021	Funeral Attendants	110	130	Low	Fair	STOJT
39-5011	Barbers	440	470	Low	Fair	VocEd
39-5012	Hairdressers, Hairstylists, and Cosmetologists	2,220	2,580	Low	Excl	VocEd
39-5092	Manicurists and Pedicurists	310	410	Low	Good	VocEd
39-5093	Shampooers	390	460	Low	Good	STOJT
39-5094	Skin Care Specialists	30	50	-Avg	Fair	VocEd
39-6011	Baggage Porters and Bellhops	40	50	Low	Fair	STOJT
39-6012	Concierges	20	20	Low	Poor	MOJT
39-6032	Transportation Attendants, Except Flight Attendants and Baggage Porters	40	50	Low	Fair	STOJT
39-9011	Child Care Workers	2,590	2,980	Low	Excl	STOJT
39-9021	Personal and Home Care Aides	790	1,020	Low	Excl	STOJT
39-9031	Fitness Trainers and Aerobics Instructors	870	1,000	Low	Good	VocEd
39-9032	Recreation Workers	1,550	1,710	Low	Good	STOJT
39-9041	Residential Advisors	150	180	Low	Fair	STOJT
39-9099	Personal Care and Service Workers, All Other	60	50	Avg	Poor	STOJT

41-0000 Sales and Related Occupations

41-1011	First-Line Supervisors/Managers of Retail Sales Workers	4,030	4,430	Avg	Excl	Exp
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	1,040	1,080	High	Fair	Exp
41-2011	Cashiers	11,250	11,550	Low	Excl	STOJT
41-2012	Gaming Change Persons and Booth Cashiers	310	330	Low	Fair	STOJT
41-2021	Counter and Rental Clerks	1,390	1,500	Low	Good	STOJT
41-2022	Parts Salespersons	900	900	Low	Fair	MOJT
41-2031	Retail Salespersons	18,110	20,780	Low	Excl	STOJT
41-3011	Advertising Sales Agents	350	430	High	Good	MOJT
41-3021	Insurance Sales Agents	1,620	1,940	+Avg	Excl	Bach
41-3031	Securities, Commodities, and Financial Services Sales Agents	1,230	1,330	High	Good	Bach

14 Occupation Projections by Occupational Group Table

SOC Code	Title of Occupation	2006 Empl	2016 Empl	Wage Category	Job Avail	Training
41-3041	Travel Agents	340	350	-Avg	Fair	VocEd
41-3099	Sales Representatives, Services, All Other	1,720	2,260	+Avg	Excl	Exp
41-4011	Sales Reps., Wholesale and Manufacturing, Technical and Scientific Products	1,110	1,250	High	Good	Exp
41-4012	Sales Reps, Wholesale & Manufacturing, Exc. Technical & Scientific Products	3,310	3,640	+Avg	Excl	Exp
41-9011	Demonstrators and Product Promoters	140	160	Low	Fair	MOJT
41-9021	Real Estate Brokers	320	350	High	Fair	Exp
41-9022	Real Estate Sales Agents	1,650	1,810	+Avg	Good	VocEd
41-9031	Sales Engineers	30	30	High	Poor	Bach
41-9041	Telemarketers	1,490	1,370	Avg	Poor	STOJT
41-9099	Sales and Related Workers, All Other	430	500	-Avg	Good	MOJT
43-0000 Office and Administrative Support Occupations						
43-1011	First-Line Supervisors/Managers of Office & Administrative Support Workers	4,640	4,720	+Avg	Good	Exp
43-2011	Switchboard Operators, Including Answering Service	500	450	Low	Poor	STOJT
43-2021	Telephone Operators	50	30	-Avg	Poor	STOJT
43-3011	Bill and Account Collectors	2,770	3,300	-Avg	Excl	STOJT
43-3021	Billing and Posting Clerks and Machine Operators	1,940	1,960	-Avg	Fair	MOJT
43-3031	Bookkeeping, Accounting, and Auditing Clerks	6,220	6,940	-Avg	Excl	MOJT
43-3051	Payroll and Timekeeping Clerks	520	520	-Avg	Poor	MOJT
43-3061	Procurement Clerks	230	240	Avg	Fair	MOJT
43-3071	Tellers	1,580	1,830	Low	Excl	STOJT
43-4011	Brokerage Clerks	170	180	Avg	Poor	MOJT
43-4021	Correspondence Clerks	80	70	-Avg	Poor	STOJT
43-4031	Court, Municipal, and License Clerks	280	320	-Avg	Fair	STOJT
43-4051	Customer Service Representatives	8,880	10,670	-Avg	Excl	MOJT
43-4061	Eligibility Interviewers, Government Programs	120	130	Avg	Fair	MOJT
43-4071	File Clerks	680	390	Low	Poor	STOJT
43-4081	Hotel, Motel, and Resort Desk Clerks	540	610	Low	Good	STOJT
43-4111	Interviewers, Except Eligibility and Loan	510	570	Low	Good	STOJT
43-4121	Library Assistants, Clerical	90	110	Low	Fair	STOJT
43-4131	Loan Interviewers and Clerks	1,080	980	-Avg	Poor	STOJT
43-4141	New Accounts Clerks	320	270	-Avg	Poor	Exp
43-4151	Order Clerks	520	420	-Avg	Poor	STOJT
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	490	530	Avg	Good	STOJT
43-4171	Receptionists and Information Clerks	3,770	4,330	Low	Excl	STOJT
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	20	20	Low	Poor	STOJT
43-4199	Information and Record Clerks, All Other	430	370	-Avg	Poor	STOJT
43-5011	Cargo and Freight Agents	80	80	Avg	Poor	MOJT
43-5021	Couriers and Messengers	370	410	Low	Good	STOJT
43-5031	Police, Fire, and Ambulance Dispatchers	280	320	-Avg	Good	MOJT
43-5032	Dispatchers, Except Police, Fire, and Ambulance	430	430	-Avg	Poor	MOJT

SOC Code	Title of Occupation	2006 Empl	2016 Empl	Wage Category	Job Avail	Training
43-5041	Meter Readers, Utilities	150	130	Avg	Poor	STOJT
43-5051	Postal Service Clerks	250	270	Avg	Fair	STOJT
43-5052	Postal Service Mail Carriers	1,030	1,100	Avg	Good	STOJT
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	600	580	Avg	Poor	STOJT
43-5061	Production, Planning, and Expediting Clerks	830	880	Avg	Good	MOJT
43-5071	Shipping, Receiving, and Traffic Clerks	1,840	1,940	Low	Good	STOJT
43-5081	Stock Clerks and Order Fillers	4,540	4,110	Low	Poor	STOJT
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	200	180	-Avg	Poor	STOJT
43-6011	Executive Secretaries and Administrative Assistants	7,090	7,960	Avg	Excl	Exp
43-6012	Legal Secretaries	1,230	1,290	Avg	Good	Assoc
43-6013	Medical Secretaries	1,770	2,000	-Avg	Excl	MOJT
43-6014	Secretaries, Except Legal, Medical, and Executive	4,830	4,800	-Avg	Poor	MOJT
43-9011	Computer Operators	610	450	Avg	Poor	MOJT
43-9021	Data Entry Keyers	1,010	950	Low	Poor	MOJT
43-9022	Word Processors and Typists	360	340	Avg	Poor	MOJT
43-9031	Desktop Publishers	40	40	-Avg	Poor	VocEd
43-9041	Insurance Claims and Policy Processing Clerks	610	620	-Avg	Poor	MOJT
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	600	510	Low	Poor	STOJT
43-9061	Office Clerks, General	13,740	15,170	Low	Excl	STOJT
43-9071	Office Machine Operators, Except Computer	220	190	Low	Poor	STOJT
43-9081	Proofreaders and Copy Markers	30	30	-Avg	Poor	STOJT
43-9199	Office and Administrative Support Workers, All Other	530	460	Avg	Poor	STOJT

45-0000 Farming, Fishing, and Forestry Occupations

45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	160	160	Avg	Poor	Exp
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	2,050	1,910	Low	Poor	STOJT
45-2093	Farmworkers, Farm and Ranch Animals	540	540	Low	Poor	STOJT

47-0000 Construction and Extraction Occupations

47-1011	First-Line Supervisors/Mngrs of Construction Trades & Extraction Workers	2,040	2,230	+Avg	Excl	Exp
47-2021	Brickmasons and Blockmasons	590	650	Avg	Good	LTOJT
47-2031	Carpenters	4,560	4,960	Avg	Excl	LTOJT
47-2041	Carpet Installers	220	220	-Avg	Poor	MOJT
47-2042	Floor Layers, Except Carpet, Wood, and Hard Tiles	180	170	-Avg	Poor	MOJT
47-2044	Tile and Marble Setters	170	200	+Avg	Fair	LTOJT
47-2051	Cement Masons and Concrete Finishers	620	690	Avg	Good	MOJT
47-2061	Construction Laborers	4,840	5,450	Low	Excl	MOJT
47-2071	Paving, Surfacing, and Tamping Equipment Operators	310	350	Avg	Good	MOJT
47-2073	Operating Engineers and Other Construction Equipment Operators	1,570	1,740	Avg	Good	MOJT
47-2081	Drywall and Ceiling Tile Installers	280	300	Avg	Fair	MOJT
47-2111	Electricians	2,540	2,590	+Avg	Good	LTOJT

16 Occupation Projections by Occupational Group Table

SOC Code	Title of Occupation	2006 Empl	2016 Empl	Wage Category	Job Avail	Training
47-2121	Glaziers	40	50	-Avg	Fair	LTOJT
47-2131	Insulation Workers, Floor, Ceiling, and Wall	260	300	-Avg	Fair	MOJT
47-2132	Insulation Workers, Mechanical	320	340	Avg	Fair	MOJT
47-2141	Painters, Construction and Maintenance	940	1,060	Avg	Good	MOJT
47-2151	Pipelayers	220	250	-Avg	Fair	MOJT
47-2152	Plumbers, Pipefitters, and Steamfitters	2,190	2,380	+Avg	Good	LTOJT
47-2161	Plasterers and Stucco Masons	80	90	Avg	Fair	LTOJT
47-2171	Reinforcing Iron and Rebar Workers	90	100	+Avg	Fair	LTOJT
47-2181	Roofers	390	450	-Avg	Good	MOJT
47-2211	Sheet Metal Workers	810	860	Avg	Good	LTOJT
47-2221	Structural Iron and Steel Workers	240	250	Avg	Fair	LTOJT
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, & Tile & Marble Setters	90	90	-Avg	Fair	STOJT
47-3012	Helpers--Carpenters	440	470	Low	Fair	STOJT
47-3013	Helpers--Electricians	630	670	Low	Good	STOJT
47-3014	Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons	50	50	Low	Poor	STOJT
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	270	310	Low	Fair	STOJT
47-3016	Helpers--Roofers	70	70	Low	Poor	STOJT
47-3019	Helpers, Construction Trades, All Other	150	170	Low	Fair	STOJT
47-4011	Construction and Building Inspectors	320	380	+Avg	Good	Exp
47-4051	Highway Maintenance Workers	40	50	-Avg	Fair	MOJT
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	50	60	-Avg	Fair	MOJT
47-4099	Construction and Related Workers, All Other	60	70	-Avg	Fair	MOJT
47-5021	Earth Drillers, Except Oil and Gas	20	20	-Avg	Poor	MOJT
49-0000 Installation, Maintenance, and Repair Occupations						
49-1011	First-Line Supervisors/Mngrs. of Mechanics, Installers, & Repairers	1,230	1,300	+Avg	Good	Exp
49-2011	Computer, Automated Teller, and Office Machine Repairers	620	610	Avg	Poor	VocEd
49-2022	Telecom. Equipment Installers and Repairers, Except Line Installers	190	220	+Avg	Fair	VocEd
49-2091	Avionics Technicians	80	60	Avg	Poor	VocEd
49-2092	Electric Motor, Power Tool, and Related Repairers	20	20	Avg	Poor	VocEd
49-2093	Electrical & Electronics Installers & Repairers, Transportation Eqpmnt.	80	80	Avg	Poor	VocEd
49-2094	Electrical & Electronics Repairers, Commercial & Industrial Eqpmnt.	170	200	+Avg	Fair	VocEd
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	120	140	-Avg	Fair	VocEd
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	170	160	-Avg	Poor	VocEd
49-2098	Security and Fire Alarm Systems Installers	140	170	Avg	Fair	VocEd
49-3011	Aircraft Mechanics and Service Technicians	660	710	+Avg	Good	VocEd
49-3021	Automotive Body and Related Repairers	530	590	Avg	Good	LTOJT
49-3023	Automotive Service Technicians and Mechanics	2,760	3,250	-Avg	Excl	VocEd
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	620	650	Avg	Fair	VocEd
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	350	370	Avg	Fair	LTOJT
49-3043	Rail Car Repairers	80	70	Avg	Poor	LTOJT

SOC Code	Title of Occupation	2006 Empl	2016 Empl	Wage Category	Job Avail	Training
49-3051	Motorboat Mechanics	90	120	Low	Fair	LTOJT
49-3052	Motorcycle Mechanics	80	90	-Avg	Fair	LTOJT
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	110	100	-Avg	Poor	MOJT
49-3092	Recreational Vehicle Service Technicians	50	60	-Avg	Fair	LTOJT
49-3093	Tire Repairers and Changers	240	300	Low	Good	STOJT
49-9011	Mechanical Door Repairers	80	80	Low	Fair	MOJT
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	1,220	1,330	Avg	Good	LTOJT
49-9031	Home Appliance Repairers	240	260	-Avg	Fair	LTOJT
49-9041	Industrial Machinery Mechanics	590	600	+Avg	Fair	LTOJT
49-9042	Maintenance and Repair Workers, General	4,140	4,410	Avg	Excl	MOJT
49-9043	Maintenance Workers, Machinery	60	50	Avg	Poor	MOJT
49-9044	Millwrights	210	190	+Avg	Poor	LTOJT
49-9051	Electrical Power-Line Installers and Repairers	270	310	+Avg	Good	LTOJT
49-9052	Telecommunications Line Installers and Repairers	430	550	+Avg	Good	LTOJT
49-9062	Medical Equipment Repairers	100	120	-Avg	Fair	Assoc
49-9063	Musical Instrument Repairers and Tuners	60	80	Low	Fair	LTOJT
49-9069	Precision Instrument and Equipment Repairers, All Other	20	20	+Avg	Poor	MOJT
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	320	330	-Avg	Fair	MOJT
49-9094	Locksmiths and Safe Repairers	20	20	Avg	Poor	MOJT
49-9095	Manufactured Building and Mobile Home Installers	60	70	-Avg	Fair	MOJT
49-9098	Helpers—Installation, Maintenance, and Repair Workers	580	650	Low	Good	STOJT
49-9099	Installation, Maintenance, and Repair Workers, All Other	390	430	-Avg	Good	MOJT
51-0000 Production Occupations						
51-1011	First-Line Supervisors/Managers of Production & Operating Workers	1,380	1,280	+Avg	Poor	Exp
51-2022	Electrical and Electronic Equipment Assemblers	150	120	Low	Poor	STOJT
51-2023	Electromechanical Equipment Assemblers	10	20	-Avg	Poor	STOJT
51-2041	Structural Metal Fabricators and Fitters	330	370	-Avg	Good	MOJT
51-2092	Team Assemblers	2,830	2,290	Avg	Poor	MOJT
51-3011	Bakers	580	650	Low	Good	LTOJT
51-3021	Butchers and Meat Cutters	260	270	-Avg	Fair	LTOJT
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	3,140	3,400	Low	Excl	STOJT
51-3092	Food Batchmakers	100	100	Low	Poor	STOJT
51-3093	Food Cooking Machine Operators and Tenders	100	100	Low	Poor	STOJT
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	90	100	Avg	Fair	MOJT
51-4021	Extruding & Drawing Mach. Setters, Operators, & Tenders, Metal & Plastic	240	240	-Avg	Poor	MOJT
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	70	60	Avg	Poor	MOJT
51-4031	Cutting, Punching, & Press Mach. Setters, Operators, & Tenders, Metal & Plastic	280	240	-Avg	Poor	MOJT
51-4033	Grinding, Lapping, Polishing, & Buffing Mach. Tool Setters, Ops, & Tenders, Metal & Plastic	110	110	-Avg	Poor	MOJT
51-4034	Lathe & Turning Mach. Tool Setters, Operators, & Tenders, Metal & Plastic	20	20	Avg	Poor	MOJT
51-4041	Machinists	580	610	+Avg	Fair	LTOJT

18 Occupation Projections by Occupational Group Table

SOC Code	Title of Occupation	2006 Empl	2016 Empl	Wage Category	Job Avail	Training
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	80	60	Avg	Poor	MOJT
51-4121	Welders, Cutters, Solderers, and Brazers	770	880	Avg	Good	VocEd
51-4122	Welding, Soldering, & Brazing Mach. Setters, Operators, & Tenders	70	90	Avg	Fair	VocEd
51-5011	Bindery Workers	90	80	-Avg	Poor	STOJT
51-5021	Job Printers	220	210	Avg	Poor	LTOJT
51-5022	Prepress Technicians and Workers	180	160	-Avg	Poor	VocEd
51-5023	Printing Machine Operators	310	310	-Avg	Poor	MOJT
51-6011	Laundry and Dry-Cleaning Workers	700	780	Low	Good	MOJT
51-6021	Pressers, Textile, Garment, and Related Materials	150	140	Low	Poor	STOJT
51-6031	Sewing Machine Operators	220	170	Low	Poor	MOJT
51-6041	Shoe and Leather Workers and Repairers	40	50	-Avg	Fair	LTOJT
51-6052	Tailors, Dressmakers, and Custom Sewers	40	50	-Avg	Fair	LTOJT
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	20	20	Low	Poor	MOJT
51-6091	Extruding & Forming Mach. Setters, Operators, & Tenders, Synth. & Glass Fibers	60	50	-Avg	Poor	MOJT
51-6093	Upholsterers	130	120	-Avg	Poor	LTOJT
51-6099	Textile, Apparel, and Furnishings Workers, All Other	110	130	-Avg	Fair	STOJT
51-7011	Cabinetmakers and Bench Carpenters	140	150	-Avg	Fair	LTOJT
51-7021	Furniture Finishers	20	20	Low	Poor	LTOJT
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	30	40	-Avg	Fair	MOJT
51-7042	Woodworking Machine Setters, Operators, and Tenders, Exc. Sawing	30	30	Low	Poor	MOJT
51-8012	Power Distributors and Dispatchers	50	50	High	Poor	LTOJT
51-8013	Power Plant Operators	190	190	High	Fair	LTOJT
51-8021	Stationary Engineers and Boiler Operators	80	70	+Avg	Poor	LTOJT
51-8031	Water and Liquid Waste Treatment Plant and System Operators	240	280	Avg	Good	LTOJT
51-8092	Gas Plant Operators	30	20	Avg	Poor	LTOJT
51-8099	Plant and System Operators, All Other	50	70	Avg	Fair	LTOJT
51-9011	Chemical Equipment Operators and Tenders	460	390	Avg	Poor	MOJT
51-9012	Sep., Filtering, Clarifying, Precipitating, & Still Mach. Setters, Ops., & Tenders	30	30	-Avg	Poor	MOJT
51-9021	Crushing, Grinding, & Polishing Mach. Setters, Operators, & Tenders	50	40	-Avg	Poor	MOJT
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	1,250	970	Avg	Poor	MOJT
51-9031	Cutters and Trimmers, Hand	30	30	Low	Poor	STOJT
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	60	60	-Avg	Poor	MOJT
51-9041	Extruding, Forming, Pressing, & Compacting Mach. Setters, Operators, & Tenders	60	50	-Avg	Poor	MOJT
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	160	160	Low	Poor	MOJT
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	620	580	-Avg	Poor	MOJT
51-9071	Jewelers and Precious Stone and Metal Workers	80	100	-Avg	Fair	VocEd
51-9081	Dental Laboratory Technicians	110	120	-Avg	Poor	LTOJT
51-9082	Medical Appliance Technicians	60	60	-Avg	Fair	LTOJT
51-9083	Ophthalmic Laboratory Technicians	190	200	Low	Fair	MOJT
51-9111	Packaging and Filling Machine Operators and Tenders	710	700	-Avg	Poor	STOJT

SOC Code	Title of Occupation	2006 Empl	2016 Empl	Wage Category	Job Avail	Training
51-9121	Coating, Painting, & Spraying Machine Setters, Operators, & Tenders	70	60	-Avg	Poor	MOJT
51-9122	Painters, Transportation Equipment	100	110	Avg	Fair	MOJT
51-9123	Painting, Coating, and Decorating Workers	130	130	Low	Poor	STOJT
51-9131	Photographic Process Workers	70	50	Low	Poor	MOJT
51-9132	Photographic Processing Machine Operators	120	60	Low	Poor	STOJT
51-9194	Etchers and Engravers	10	10	-Avg	Poor	LTOJT
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	100	110	Low	Fair	MOJT
51-9198	Helpers--Production Workers	3,970	4,040	Low	Good	STOJT
51-9199	Production Workers, All Other	290	260	Avg	Poor	MOJT
53-0000 Transportation and Material Moving Occupations						
53-1021	First-Line Suprs./Mngrs. of Helpers, Laborers, & Material Movers, Hand	300	340	+Avg	Good	Exp
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle Operators	630	710	+Avg	Good	Exp
53-2011	Airline Pilots, Copilots, and Flight Engineers	40	60	High	Fair	Bach
53-2012	Commercial Pilots	150	190	High	Good	VocEd
53-3011	Ambulance Drivers & Attendants, Exc. Emergency Medical Technicians	110	130	Low	Fair	MOJT
53-3022	Bus Drivers, School	2,040	2,180	Low	Good	MOJT
53-3031	Driver/Sales Workers	880	920	Low	Good	STOJT
53-3032	Truck Drivers, Heavy and Tractor-Trailer	4,980	5,710	-Avg	Excl	MOJT
53-3033	Truck Drivers, Light or Delivery Services	3,030	3,440	Low	Excl	STOJT
53-3041	Taxi Drivers and Chauffeurs	630	710	Low	Good	STOJT
53-3099	Motor Vehicle Operators, All Other	240	270	-Avg	Fair	STOJT
53-5011	Sailors and Marine Oilers	20	20	-Avg	Poor	STOJT
53-5021	Captains, Mates, and Pilots of Water Vessels	70	70	Avg	Fair	Exp
53-6021	Parking Lot Attendants	380	420	Low	Good	STOJT
53-6031	Service Station Attendants	90	100	Low	Fair	STOJT
53-6051	Transportation Inspectors	60	70	+Avg	Fair	Exp
53-7011	Conveyor Operators and Tenders	50	50	-Avg	Poor	STOJT
53-7021	Crane and Tower Operators	130	130	Avg	Poor	LTOJT
53-7032	Excavating and Loading Machine and Dragline Operators	190	220	Avg	Fair	MOJT
53-7041	Hoist and Winch Operators	20	20	Avg	Poor	MOJT
53-7051	Industrial Truck and Tractor Operators	1,620	1,610	-Avg	Poor	STOJT
53-7061	Cleaners of Vehicles and Equipment	820	910	Low	Good	STOJT
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	4,770	4,850	Low	Good	STOJT
53-7063	Machine Feeders and Offbearers	90	70	Avg	Poor	STOJT
53-7081	Refuse and Recyclable Material Collectors	470	520	-Avg	Good	STOJT
53-7121	Tank Car, Truck, and Ship Loaders	810	870	Avg	Good	MOJT
53-7199	Material Moving Workers, All Other	30	30	-Avg	Poor	MOJT

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 2006 to 2016, 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 2006 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 Business Management and Administration cluster is expected to generate the most job openings, more than 27,000, while the Government and Public Administration cluster is expected to generate the fewest, less than 700. This is not to say that government as an employer will grow the slowest (total government employment is actually expected to grow slightly faster than 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).

Science, Technology, Engineering & Mathematics is the highest-paying cluster; its occupations paid an average wage of \$73,473 in 2006. Hospitality and Tourism had the lowest average wage; this cluster's occupations paid an average \$22,312 in 2006. Averages for all 16 career clusters can be found in the table below, along with their ranking among the 16 clusters.

Wages and Projected Openings, Growth by Career Cluster, 2006-2016

Career Cluster	Average Wage 2006	Rank	Total Openings	Rank	Percent Total Openings	New Jobs	Annual Percent Growth
Agriculture, Food, & Natural Resources	\$29,196	15th	2,620	15th	2.0%	1,050	1.1%
Architecture & Construction	\$43,086	9th	8,980	6th	6.0%	3,150	1.0%
Arts, A/V Technology & Communications	\$41,362	10th	2,800	14th	1.9%	810	1.1%
Business Management & Administration	\$43,681	8th	27,010	1st	18.1%	8,360	0.9%
Education & Training	\$47,314	7th	7,170	7th	4.8%	2,450	1.0%
Finance	\$49,966	5th	6,950	8th	4.6%	2,600	1.1%
Government & Public Administration	\$48,845	6th	640	16th	0.4%	240	1.0%
Health Science	\$54,243	4th	12,910	4th	8.6%	7,060	1.8%
Hospitality & Tourism	\$22,312	16th	22,080	3rd	14.8%	6,290	1.3%
Human Services	\$31,278	14th	4,530	12th	3.0%	2,140	1.6%
Information Technology	\$72,788	2nd	5,850	10th	3.9%	2,410	1.5%
Law, Public Safety & Security	\$58,460	3rd	4,580	11th	3.1%	1,690	1.3%
Manufacturing	\$37,180	11th	6,110	9th	4.1%	0	0.0%
Marketing, Sales & Service	\$35,973	12th	24,380	2nd	16.3%	5,190	0.8%
Science, Technology, Engineering & Mathematics	\$73,473	1st	3,080	13th	2.1%	930	1.0%
Transportation, Distribution & Logistics	\$34,254	13th	9,580	5th	6.4%	2,830	0.9%

Occupation Projections by Career Cluster Table

SOC Code	Occupation	Ave Annual Growth Rate	Ave Ann Openings Due to Growth	Ave Annual Openings Due to Net Replacements	2006 Average Annual Wage
Agriculture, Food and Natural Resources					
19-4011	Agricultural and Food Science Technicians	0.0%	0	0	\$33,645
39-2011	Animal Trainers	1.6%	3	3	\$37,815
19-1029	Biological Scientists, All Other	0.0%	0	1	\$51,164
19-1031	Conservation Scientists	2.9%	1	1	\$61,670
47-5021	Earth Drillers, Except Oil and Gas	0.0%	0	1	\$34,086
17-3025	Environmental Engineering Technicians	1.6%	1	1	\$42,181
17-2081	Environmental Engineers	1.8%	4	6	\$66,235
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	-0.7%	0	51	\$22,285
45-2093	Farmworkers, Farm and Ranch Animals	0.0%	0	14	\$23,996
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	0.0%	0	3	\$44,918
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers	1.7%	10	3	\$47,863
19-1032	Foresters	4.1%	0	1	\$59,488
51-8092	Gas Plant Operators	-4.0%	0	1	\$43,621
37-3019	Grounds Maintenance Workers, All Other	0.0%	0	0	\$23,946
37-3011	Landscaping and Groundskeeping Workers	2.0%	80	49	\$24,689
39-2021	Nonfarm Animal Caretakers	1.1%	7	10	\$19,497
37-2021	Pest Control Workers	2.0%	4	4	\$30,855
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	2.3%	6	3	\$32,221
51-8012	Power Distributors and Dispatchers	0.0%	0	2	\$67,985
51-8013	Power Plant Operators	0.0%	1	6	\$61,429
13-1021	Purchasing Agents and Buyers, Farm Products	0.0%	0	0	\$38,749
19-1013	Soil and Plant Scientists	1.6%	1	2	\$48,577
51-8021	Stationary Engineers and Boiler Operators	-1.3%	0	1	\$53,410
37-3013	Tree Trimmers and Pruners	0.0%	1	1	\$35,733
51-8031	Water and Liquid Waste Treatment Plant and System Operators	1.6%	5	4	\$38,589
19-1023	Zoologists and Wildlife Biologists	0.0%	0	0	\$70,426
Architecture and Construction					
17-1011	Architects, Except Landscape and Naval	1.0%	3	6	\$68,082
17-3011	Architectural and Civil Drafters	-0.4%	0	8	\$43,567
47-2021	Brickmasons and Blockmasons	1.0%	6	12	\$43,683
47-2031	Carpenters	0.8%	41	62	\$43,572
47-2051	Cement Masons and Concrete Finishers	1.1%	7	18	\$39,598
47-4011	Construction and Building Inspectors	1.7%	6	6	\$46,431
47-4099	Construction and Related Workers, All Other	1.6%	1	2	\$31,765
47-2061	Construction Laborers	1.2%	60	36	\$28,130
11-9021	Construction Managers	1.5%	17	16	\$88,494
53-7011	Conveyor Operators and Tenders	0.0%	0	1	\$31,008

22 Occupation Projections by Career Cluster Table

SOC Code	Occupation	Ave Annual Growth Rate	Ave Ann Openings Due to Growth	Ave Annual Openings Due to Net Replacements	2006 Average Annual Wage
13-1051	Cost Estimators	1.9%	20	20	\$58,939
53-7021	Crane and Tower Operators	0.0%	0	2	\$38,702
47-2081	Drywall and Ceiling Tile Installers	0.7%	2	4	\$39,231
17-3012	Electrical and Electronics Drafters	0.5%	2	5	\$58,278
49-9051	Electrical Power-Line Installers and Repairers	1.4%	4	9	\$55,281
47-2111	Electricians	0.2%	5	65	\$49,049
53-7032	Excavating and Loading Machine and Dragline Operators	1.5%	3	3	\$35,655
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	0.9%	20	29	\$60,829
47-2042	Floor Layers, Except Carpet, Wood, and Hard Tiles	-0.6%	0	3	\$33,916
47-2121	Glaziers	2.3%	1	1	\$30,315
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	0.9%	11	21	\$39,922
47-3019	Helpers, Construction Trades, All Other	1.3%	2	4	\$21,626
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	0.0%	1	2	\$30,250
47-3012	Helpers--Carpenters	0.7%	3	11	\$24,274
47-3013	Helpers--Electricians	0.6%	4	16	\$26,147
49-9098	Helpers--Installation, Maintenance, and Repair Workers	1.1%	7	14	\$26,541
47-3014	Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons	0.0%	0	1	\$27,299
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	1.4%	3	7	\$25,675
47-3016	Helpers--Roofers	0.0%	0	2	\$24,402
47-4051	Highway Maintenance Workers	2.3%	1	1	\$30,704
53-7041	Hoist and Winch Operators	0.0%	0	0	\$37,071
47-2131	Insulation Workers, Floor, Ceiling, and Wall	1.4%	3	6	\$34,018
47-2132	Insulation Workers, Mechanical	0.6%	3	7	\$42,399
17-1012	Landscape Architects	1.6%	1	2	\$53,550
17-3013	Mechanical Drafters	0.5%	1	6	\$62,371
43-5041	Meter Readers, Utilities	-1.4%	0	5	\$41,743
47-2073	Operating Engineers and Other Construction Equipment Operators	1.0%	17	31	\$40,577
47-2141	Painters, Construction and Maintenance	1.2%	12	17	\$35,665
47-2071	Paving, Surfacing, and Tamping Equipment Operators	1.2%	4	6	\$40,164
47-2151	Pipelayers	1.3%	3	5	\$34,265
47-2161	Plasterers and Stucco Masons	1.2%	1	2	\$39,344
47-2152	Plumbers, Pipefitters, and Steamfitters	0.8%	19	45	\$47,147
47-2171	Reinforcing Iron and Rebar Workers	1.1%	1	2	\$46,029
47-2181	Roofers	1.4%	6	9	\$32,951
49-2098	Security and Fire Alarm Systems Installers	2.0%	3	2	\$36,499
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	1.8%	1	1	\$34,605
47-2211	Sheet Metal Workers	0.6%	5	20	\$41,815
47-2221	Structural Iron and Steel Workers	0.4%	1	8	\$42,483
17-1022	Surveyors	1.3%	6	14	\$44,946
47-2044	Tile and Marble Setters	1.6%	3	3	\$57,649

Occupation Projections by Career Cluster Table 23

SOC Code	Occupation	Ave Annual Growth Rate	Ave Ann Openings Due to Growth	Ave Annual Openings Due to Net Replacements	2006 Average Annual Wage
Arts, Audio/Visual and Communications					
25-4011	Archivists	0.0%	0	1	\$39,194
27-1011	Art Directors	0.0%	1	3	\$62,055
27-4011	Audio and Video Equipment Technicians	1.2%	4	10	\$35,788
25-9011	Audio-Visual Collections Specialists	0.0%	0	0	\$36,987
51-5011	Bindery Workers	-1.2%	0	1	\$28,503
27-4012	Broadcast Technicians	1.6%	2	6	\$44,845
27-4031	Camera Operators, Television, Video, and Motion Picture	2.0%	3	3	\$44,652
27-1021	Commercial and Industrial Designers	1.1%	1	2	\$47,644
25-4012	Curators	0.0%	0	1	\$57,074
43-9031	Desktop Publishers	0.0%	0	1	\$34,243
27-3041	Editors	0.7%	2	8	\$55,153
27-4032	Film and Video Editors	7.2%	1	0	\$43,914
27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	2.3%	1	1	\$35,439
27-1024	Graphic Designers	1.1%	6	13	\$45,810
51-5021	Job Printers	-0.5%	0	2	\$39,091
25-4021	Librarians	0.7%	3	12	\$54,009
25-4031	Library Technicians	1.9%	7	17	\$32,040
27-4099	Media and Communication Equipment Workers, All Other	0.0%	0	1	\$58,783
27-3099	Media and Communication Workers, All Other	1.3%	1	2	\$29,377
27-1014	Multi-Media Artists and Animators	1.9%	5	6	\$40,743
25-4013	Museum Technicians and Conservators	0.0%	0	1	\$42,341
27-2041	Music Directors and Composers	0.0%	0	1	\$63,520
49-9063	Musical Instrument Repairers and Tuners	2.9%	1	2	\$26,380
27-4021	Photographers	0.4%	1	5	\$30,561
51-9131	Photographic Process Workers	-3.3%	0	3	\$23,490
51-5022	Prepress Technicians and Workers	-1.2%	0	3	\$33,364
51-5023	Printing Machine Operators	0.0%	0	7	\$30,537
27-2012	Producers and Directors	1.0%	6	19	\$35,282
27-3012	Public Address System and Other Announcers	0.0%	0	1	\$38,816
27-3031	Public Relations Specialists	1.3%	9	5	\$49,930
27-3011	Radio and Television Announcers	0.0%	0	3	\$30,019
27-3022	Reporters and Correspondents	1.0%	2	6	\$40,691
27-1027	Set and Exhibit Designers	1.8%	2	3	\$37,536
27-4014	Sound Engineering Technicians	1.2%	1	3	\$45,431
27-3042	Technical Writers	1.7%	2	3	\$55,821
49-9052	Telecommunications Line Installers and Repairers	2.5%	12	11	\$52,723
43-2021	Telephone Operators	-5.0%	0	1	\$29,514
39-3031	Ushers, Lobby Attendants, and Ticket Takers	2.4%	9	23	\$16,807
27-3043	Writers and Authors	2.0%	4	4	\$50,491

24 Occupation Projections by Career Cluster Table

SOC Code	Occupation	Ave Annual Growth Rate	Ave Ann Openings Due to Growth	Ave Annual Openings Due to Net Replacements	2006 Average Annual Wage
Business Management and Administration					
13-2011	Accountants and Auditors	1.6%	81	83	\$57,713
11-3011	Administrative Services Managers	0.9%	7	19	\$83,644
43-3021	Billing and Posting Clerks and Machine Operators	0.1%	2	25	\$32,224
13-2031	Budget Analysts	1.3%	2	3	\$59,260
13-1199	Business Operations Specialists, All Other	1.6%	36	22	\$60,956
11-1011	Chief Executives	0.2%	2	26	\$148,646
11-3041	Compensation and Benefits Managers	1.1%	3	5	\$106,840
13-1072	Compensation, Benefits, and Job Analysis Specialists	1.5%	8	12	\$57,092
43-4021	Correspondence Clerks	-1.3%	0	2	\$31,874
43-5021	Couriers and Messengers	1.0%	4	10	\$24,371
43-4051	Customer Service Representatives	1.9%	179	247	\$32,625
43-9021	Data Entry Keyers	-0.6%	0	25	\$25,500
13-1071	Employment, Recruitment, and Placement Specialists	1.4%	12	17	\$49,616
43-6011	Executive Secretaries and Administrative Assistants	1.2%	87	113	\$39,696
43-4071	File Clerks	-5.4%	0	18	\$25,945
13-2099	Financial Specialists, All Other	-0.6%	0	24	\$44,096
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	0.2%	8	96	\$50,409
11-1021	General and Operations Managers	0.1%	4	108	\$104,014
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	0.8%	5	4	\$36,614
11-3049	Human Resources Managers, All Other	1.6%	1	2	\$108,763
13-1079	Human Resources, Training, and Labor Relations Specialists, All Other	1.6%	7	10	\$55,120
43-4199	Information and Record Clerks, All Other	-1.5%	0	7	\$31,667
27-3091	Interpreters and Translators	0.0%	0	0	\$56,093
43-4111	Interviewers, Except Eligibility and Loan	1.1%	5	14	\$26,977
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	1.5%	129	152	\$21,046
43-6012	Legal Secretaries	0.5%	6	20	\$41,773
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	-1.6%	0	16	\$25,866
13-1111	Management Analysts	1.7%	71	64	\$88,594
11-9199	Managers, All Other	1.4%	17	21	\$107,126
43-6013	Medical Secretaries	1.2%	23	28	\$29,308
43-9199	Office and Administrative Support Workers, All Other	-1.4%	0	12	\$37,065
43-9061	Office Clerks, General	1.0%	143	252	\$26,110
43-9071	Office Machine Operators, Except Computer	-1.5%	0	7	\$27,612
15-2031	Operations Research Analysts	-0.2%	0	9	\$74,106
43-4151	Order Clerks	-2.1%	0	11	\$29,248
43-3061	Procurement Clerks	0.4%	1	5	\$38,869
43-9081	Proofreaders and Copy Markers	0.0%	0	1	\$34,292
11-2031	Public Relations Managers	1.8%	2	4	\$98,849
43-4171	Receptionists and Information Clerks	1.4%	56	92	\$24,766
43-6014	Secretaries, Except Legal, Medical, and Executive	-0.1%	0	77	\$31,163
43-5071	Shipping, Receiving, and Traffic Clerks	0.5%	10	44	\$27,052

Occupation Projections by Career Cluster Table 25

SOC Code	Occupation	Ave Annual Growth Rate	Ave Ann Openings Due to Growth	Ave Annual Openings Due to Net Replacements	2006 Average Annual Wage
43-2011	Switchboard Operators, Including Answering Service	-1.0%	0	10	\$23,750
13-2082	Tax Preparers	-1.0%	0	15	\$40,414
23-2093	Title Examiners, Abstractors, and Searchers	-0.5%	0	4	\$35,162
11-3042	Training and Development Managers	1.2%	2	3	\$110,691
13-1073	Training and Development Specialists	1.5%	17	25	\$56,688
43-9022	Word Processors and Typists	-0.6%	0	7	\$35,994
Education and Training					
25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	0.6%	3	3	\$45,952
25-1121	Art, Drama, and Music Teachers, Postsecondary	1.8%	4	3	\$56,339
25-1011	Business Teachers, Postsecondary	2.0%	4	4	\$85,775
25-1021	Computer Science Teachers, Postsecondary	1.7%	2	2	\$77,676
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	4.1%	0	0	\$72,654
11-9039	Education Administrators, All Other	2.3%	1	1	\$72,187
11-9032	Education Administrators, Elementary and Secondary School	0.5%	3	16	\$95,296
11-9033	Education Administrators, Postsecondary	1.1%	6	15	\$86,807
11-9031	Education Administrators, Preschool and Child Care Center/Program	0.8%	2	7	\$42,043
25-1081	Education Teachers, Postsecondary	1.4%	4	3	\$58,865
25-9099	Education, Training, and Library Workers, All Other	0.9%	1	2	\$35,843
21-1012	Educational, Vocational, and School Counselors	0.7%	6	17	\$49,732
25-2021	Elementary School Teachers, Except Special Education	1.0%	45	96	\$48,852
25-1123	English Language and Literature Teachers, Postsecondary	1.8%	4	4	\$65,025
39-9031	Fitness Trainers and Aerobics Instructors	1.4%	12	16	\$24,422
25-1124	Foreign Language and Literature Teachers, Postsecondary	1.6%	3	2	\$48,653
21-1091	Health Educators	1.9%	4	2	\$48,137
25-9031	Instructional Coordinators	1.6%	9	6	\$55,382
25-2012	Kindergarten Teachers, Except Special Education	1.1%	3	6	\$44,205
43-4121	Library Assistants, Clerical	2.0%	2	3	\$25,874
25-1022	Mathematical Science Teachers, Postsecondary	1.7%	3	3	\$68,982
25-2022	Middle School Teachers, Except Special and Vocational Education	0.8%	10	26	\$48,820
25-1072	Nursing Instructors and Teachers, Postsecondary	1.8%	2	2	\$65,693
25-1199	Postsecondary Teachers, All Other	1.7%	2	2	\$69,475
25-2011	Preschool Teachers, Except Special Education	0.9%	12	20	\$25,917
25-1066	Psychology Teachers, Postsecondary	1.3%	1	1	\$62,547
25-1193	Recreation and Fitness Studies Teachers, Postsecondary	4.1%	1	0	\$49,024
25-2031	Secondary School Teachers, Except Special and Vocational Education	0.3%	6	60	\$52,580
25-3021	Self-Enrichment Education Teachers	1.9%	24	12	\$40,342
25-2042	Special Education Teachers, Middle School	1.2%	5	9	\$52,439
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	1.3%	8	11	\$53,515
25-2043	Special Education Teachers, Secondary School	0.5%	3	12	\$55,502
25-9041	Teacher Assistants	0.6%	21	59	\$27,203
25-3099	Teachers and Instructors, All Other	1.1%	11	11	\$48,682

26 Occupation Projections by Career Cluster Table

SOC Code	Occupation	Ave Annual Growth Rate	Ave Ann Openings Due to Growth	Ave Annual Openings Due to Net Replacements	2006 Average Annual Wage
25-2023	Vocational Education Teachers, Middle School	0.0%	0	1	\$56,255
25-1194	Vocational Education Teachers, Postsecondary	1.6%	22	20	\$58,078
25-2032	Vocational Education Teachers, Secondary School	-0.5%	0	11	\$58,017
Finance					
43-3011	Bill and Account Collectors	1.8%	53	42	\$32,906
43-3031	Bookkeeping, Accounting, and Auditing Clerks	1.1%	73	97	\$33,852
43-4011	Brokerage Clerks	0.6%	0	6	\$37,111
13-1031	Claims Adjusters, Examiners, and Investigators	1.5%	13	21	\$45,113
13-2051	Financial Analysts	1.4%	23	9	\$74,881
13-2061	Financial Examiners	0.9%	1	2	\$75,896
11-3031	Financial Managers	1.2%	23	27	\$108,411
43-9041	Insurance Claims and Policy Processing Clerks	0.2%	0	7	\$32,410
41-3021	Insurance Sales Agents	1.8%	32	35	\$54,554
13-2053	Insurance Underwriters	1.0%	3	8	\$60,439
13-2071	Loan Counselors	-0.6%	0	2	\$42,585
43-4131	Loan Interviewers and Clerks	-1.0%	0	19	\$31,890
13-2072	Loan Officers	0.0%	0	9	\$62,291
43-4141	New Accounts Clerks	-1.7%	0	9	\$31,347
43-3051	Payroll and Timekeeping Clerks	0.0%	0	13	\$33,191
13-2052	Personal Financial Advisors	1.8%	17	8	\$84,913
41-3031	Securities, Commodities, and Financial Services Sales Agents	0.8%	10	31	\$80,894
13-2081	Tax Examiners, Collectors, and Revenue Agents	1.0%	2	5	\$57,965
43-3071	Tellers	1.5%	26	69	\$24,593
Government and Public Administration					
13-1041	Compliance Officers, Exc. Agriculture, Construction, Health & Safety, & Trans.	0.9%	7	8	\$53,973
43-4031	Court, Municipal, and License Clerks	1.3%	3	7	\$34,303
13-1061	Emergency Management Specialists	0.0%	0	0	\$65,521
11-1031	Legislators	0.8%	4	10	\$32,820
11-9151	Social and Community Service Managers	1.3%	8	11	\$60,652
19-3051	Urban and Regional Planners	0.7%	2	4	\$57,793
Health Sciences					
29-1061	Anesthesiologists	1.6%	3	3	\$189,281
29-9091	Athletic Trainers	0.0%	1	1	\$42,714
29-1011	Chiropractors	1.8%	3	2	\$87,890
21-1099	Community and Social Service Specialists, All Other	1.6%	14	10	\$34,026
31-9091	Dental Assistants	2.3%	18	13	\$31,432
29-2021	Dental Hygienists	2.3%	14	11	\$60,820
29-1021	Dentists, General	0.5%	3	7	\$164,756
29-2032	Diagnostic Medical Sonographers	1.6%	5	5	\$48,695

Occupation Projections by Career Cluster Table 27

SOC Code	Occupation	Ave Annual Growth Rate	Ave Ann Openings Due to Growth	Ave Annual Openings Due to Net Replacements	2006 Average Annual Wage
29-2051	Dietetic Technicians	1.4%	2	4	\$21,936
29-1031	Dietitians and Nutritionists	1.2%	4	6	\$48,280
39-4011	Embalmers	0.0%	1	1	\$39,283
29-2041	Emergency Medical Technicians and Paramedics	1.5%	13	9	\$35,247
29-1062	Family and General Practitioners	0.8%	4	7	\$145,960
29-1199	Health Diagnosing and Treating Practitioners, All Other	1.9%	3	3	\$137,300
29-2099	Health Technologists and Technicians, All Other	1.3%	1	1	\$33,856
29-9099	Healthcare Practitioners and Technical Workers, All Other	1.6%	5	4	\$34,913
31-9099	Healthcare Support Workers, All Other	1.4%	7	5	\$33,327
31-1011	Home Health Aides	3.6%	64	14	\$21,575
29-1063	Internists, General	1.1%	2	3	\$182,444
29-2061	Licensed Practical and Licensed Vocational Nurses	1.3%	27	55	\$44,328
31-9011	Massage Therapists	2.5%	3	2	\$39,534
29-2012	Medical and Clinical Laboratory Technicians	1.3%	3	3	\$31,846
29-2011	Medical and Clinical Laboratory Technologists	0.4%	3	7	\$48,877
11-9111	Medical and Health Services Managers	1.5%	15	17	\$78,604
31-9092	Medical Assistants	2.7%	33	13	\$29,465
31-9093	Medical Equipment Preparers	0.5%	2	2	\$28,434
29-2071	Medical Records and Health Information Technicians	1.3%	7	14	\$30,163
31-9094	Medical Transcriptionists	1.1%	3	3	\$31,062
29-2033	Nuclear Medicine Technologists	1.6%	1	1	\$61,799
31-1012	Nursing Aides, Orderlies, and Attendants	1.6%	87	45	\$26,066
29-1064	Obstetricians and Gynecologists	1.8%	1	1	\$185,310
29-9011	Occupational Health and Safety Specialists	1.0%	2	4	\$64,318
29-9012	Occupational Health and Safety Technicians	4.1%	0	0	\$38,924
31-2012	Occupational Therapist Aides	0.0%	0	0	\$32,923
31-2011	Occupational Therapist Assistants	1.8%	4	3	\$44,117
29-1122	Occupational Therapists	1.7%	10	8	\$47,554
29-2081	Opticians, Dispensing	0.3%	1	12	\$31,558
29-1041	Optometrists	0.8%	1	2	\$147,510
29-2091	Orthotists and Prosthetists	0.0%	0	0	\$70,091
29-1065	Pediatricians, General	0.0%	0	1	\$148,807
29-1051	Pharmacists	2.3%	17	12	\$90,697
31-9095	Pharmacy Aides	0.0%	0	0	\$24,228
29-2052	Pharmacy Technicians	3.3%	49	39	\$21,292
31-2022	Physical Therapist Aides	1.7%	4	3	\$30,413
31-2021	Physical Therapist Assistants	2.2%	8	4	\$41,705
29-1123	Physical Therapists	2.2%	12	6	\$63,767
29-1071	Physician Assistants	2.2%	6	3	\$74,640
29-1069	Physicians and Surgeons, All Other	1.6%	12	13	\$177,634
29-1081	Podiatrists	0.0%	1	3	\$104,474
29-1066	Psychiatrists	1.0%	1	2	\$120,245

28 Occupation Projections by Career Cluster Table

SOC Code	Occupation	Ave Annual Growth Rate	Ave Ann Openings Due to Growth	Ave Annual Openings Due to Net Replacements	2006 Average Annual Wage
29-2034	Radiologic Technologists and Technicians	1.5%	15	13	\$46,464
29-1125	Recreational Therapists	0.0%	0	2	\$37,183
29-1111	Registered Nurses	2.1%	184	135	\$61,295
29-1126	Respiratory Therapists	1.7%	6	4	\$52,801
29-2054	Respiratory Therapy Technicians	0.0%	0	2	\$41,259
29-1127	Speech-Language Pathologists	0.9%	3	6	\$67,353
29-1067	Surgeons	0.9%	3	6	\$174,014
29-2055	Surgical Technologists	2.2%	6	8	\$39,807
29-1129	Therapists, All Other	0.0%	0	0	\$68,741
29-1131	Veterinarians	2.2%	7	6	\$93,049
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	0.9%	1	3	\$25,748
29-2056	Veterinary Technologists and Technicians	2.6%	7	7	\$28,897
Hospitality and Tourism					
39-3091	Amusement and Recreation Attendants	1.3%	7	26	\$19,888
27-2021	Athletes and Sports Competitors	0.0%	0	0	\$46,809
39-6011	Baggage Porters and Bellhops	2.3%	1	1	\$17,559
35-3011	Bartenders	1.1%	21	66	\$18,626
35-1011	Chefs and Head Cooks	0.7%	3	5	\$38,045
27-2022	Coaches and Scouts	1.1%	7	15	\$37,310
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	0.3%	1	9	\$29,938
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	2.0%	144	128	\$17,165
39-6012	Concierges	0.0%	0	0	\$26,129
35-2011	Cooks, Fast Food	1.0%	12	28	\$17,624
35-2012	Cooks, Institution and Cafeteria	1.1%	7	16	\$25,746
35-2014	Cooks, Restaurant	1.3%	39	76	\$22,722
35-2015	Cooks, Short Order	0.6%	6	26	\$20,183
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	0.7%	20	175	\$20,726
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	1.4%	21	58	\$17,145
35-9021	Dishwashers	1.2%	24	76	\$16,792
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	1.3%	31	17	\$32,128
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	0.3%	4	23	\$32,489
39-1021	First-Line Supervisors/Managers of Personal Service Workers	1.3%	6	9	\$36,749
35-2021	Food Preparation Workers	1.7%	51	98	\$18,973
35-3041	Food Servers, Nonrestaurant	1.3%	14	16	\$20,614
11-9051	Food Service Managers	1.3%	21	37	\$58,105
41-2012	Gaming Change Persons and Booth Cashiers	0.6%	2	15	\$19,315
39-1011	Gaming Supervisors	3.4%	2	1	\$40,128
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	1.2%	18	93	\$16,897
43-4081	Hotel, Motel, and Resort Desk Clerks	1.2%	7	22	\$20,057
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	0.0%	1	2	\$20,799
11-9081	Lodging Managers	1.3%	2	3	\$58,016

Occupation Projections by Career Cluster Table 29

SOC Code	Occupation	Ave Annual Growth Rate	Ave Ann Openings Due to Growth	Ave Annual Openings Due to Net Replacements	2006 Average Annual Wage
37-2012	Maids and Housekeeping Cleaners	1.2%	35	52	\$18,736
13-1121	Meeting and Convention Planners	1.1%	3	5	\$48,154
39-9032	Recreation Workers	1.0%	16	29	\$25,190
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	0.0%	0	0	\$27,958
41-3041	Travel Agents	0.3%	1	2	\$31,208
27-2023	Umpires, Referees, and Other Sports Officials	1.3%	1	2	\$21,484
35-3031	Waiters and Waitresses	1.2%	106	443	\$17,509
Human Services					
23-1022	Arbitrators, Mediators, and Conciliators	1.8%	1	1	\$46,658
39-5011	Barbers	0.7%	3	8	\$25,647
39-9011	Child Care Workers	1.4%	39	74	\$19,559
21-1021	Child, Family, and School Social Workers	1.2%	25	42	\$42,932
21-2011	Clergy	2.3%	1	1	\$46,603
19-3031	Clinical, Counseling, and School Psychologists	1.3%	7	8	\$63,316
43-4061	Eligibility Interviewers, Government Programs	0.8%	2	2	\$37,295
39-5012	Hairdressers, Hairstylists, and Cosmetologists	1.5%	36	27	\$27,605
39-5092	Manicurists and Pedicurists	2.8%	10	3	\$21,036
21-1022	Medical and Public Health Social Workers	1.2%	5	8	\$50,525
21-1023	Mental Health and Substance Abuse Social Workers	1.7%	10	10	\$42,803
21-1014	Mental Health Counselors	2.5%	6	4	\$35,478
39-9021	Personal and Home Care Aides	2.6%	23	13	\$21,176
21-1015	Rehabilitation Counselors	1.4%	9	12	\$36,026
39-9041	Residential Advisors	1.8%	3	4	\$24,562
39-5093	Shampooers	1.7%	7	4	\$15,991
39-5094	Skin Care Specialists	5.2%	2	0	\$32,011
21-1093	Social and Human Service Assistants	2.0%	18	9	\$29,786
21-1029	Social Workers, All Other	0.0%	0	1	\$60,232
21-1011	Substance Abuse and Behavioral Disorder Counselors	3.0%	9	6	\$35,905
Information Technology					
15-1011	Computer and Information Scientists, Research	1.8%	2	3	\$103,178
11-3021	Computer and Information Systems Managers	1.1%	12	17	\$115,978
17-2061	Computer Hardware Engineers	2.1%	3	4	\$75,279
43-9011	Computer Operators	-3.0%	0	10	\$37,148
15-1021	Computer Programmers	-0.7%	0	42	\$77,905
15-1031	Computer Software Engineers, Applications	3.2%	63	25	\$80,390
15-1032	Computer Software Engineers, Systems Software	1.6%	14	12	\$90,695
15-1099	Computer Specialists, All Other	0.9%	2	6	\$69,048
15-1041	Computer Support Specialists	0.8%	18	64	\$52,281
15-1051	Computer Systems Analysts	1.9%	44	55	\$79,047
49-2011	Computer, Automated Teller, and Office Machine Repairers	-0.2%	0	7	\$37,463

30 Occupation Projections by Career Cluster Table

SOC Code	Occupation	Ave Annual Growth Rate	Ave Ann Openings Due to Growth	Ave Annual Openings Due to Net Replacements	2006 Average Annual Wage
15-1061	Database Administrators	2.2%	24	10	\$68,474
15-1071	Network and Computer Systems Administrators	1.8%	23	26	\$73,804
15-1081	Network Systems and Data Communications Analysts	4.4%	66	25	\$68,428
49-9069	Precision Instrument and Equipment Repairers, All Other	0.0%	0	0	\$53,704
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	1.5%	3	5	\$53,407
Law, Public Safety and Security					
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	0.0%	1	1	\$62,251
33-9011	Animal Control Workers	1.6%	2	3	\$18,473
33-3011	Bailiffs	0.0%	1	1	\$33,435
23-2091	Court Reporters	0.0%	0	1	\$60,069
33-9091	Crossing Guards	1.4%	3	6	\$32,630
33-3021	Detectives and Criminal Investigators	2.3%	8	7	\$58,462
33-2021	Fire Inspectors and Investigators	0.0%	0	1	\$26,894
33-1012	First-Line Supervisors/Managers of Police and Detectives	1.1%	2	5	\$80,321
33-1099	First-Line Supervisors/Managers, Protective Service Workers, All Other	0.9%	1	2	\$43,800
33-9031	Gaming Surveillance Officers and Gaming Investigators	4.6%	4	1	\$26,214
23-1023	Judges, Magistrate Judges, and Magistrates	1.6%	1	2	\$148,010
23-2092	Law Clerks	-0.4%	0	5	\$42,180
23-1011	Lawyers	0.7%	22	56	\$126,158
23-2099	Legal Support Workers, All Other	2.0%	1	2	\$46,753
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	1.2%	8	40	\$19,172
23-2011	Paralegals and Legal Assistants	1.6%	24	19	\$48,470
33-3051	Police and Sheriff's Patrol Officers	1.2%	21	48	\$47,779
43-5031	Police, Fire, and Ambulance Dispatchers	1.3%	4	7	\$35,160
33-9021	Private Detectives and Investigators	0.0%	0	1	\$40,903
33-9099	Protective Service Workers, All Other	0.0%	1	6	\$27,757
33-9032	Security Guards	1.7%	67	73	\$23,007
Manufacturing					
49-2091	Avionics Technicians	-2.8%	0	1	\$44,107
51-3011	Bakers	1.1%	7	12	\$20,828
51-7011	Cabinetmakers and Bench Carpenters	0.7%	2	4	\$29,824
47-2041	Carpet Installers	0.0%	0	3	\$33,181
51-9011	Chemical Equipment Operators and Tenders	-1.6%	0	11	\$42,771
17-3022	Civil Engineering Technicians	0.5%	1	4	\$40,587
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	-1.5%	0	1	\$31,934
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	1.1%	1	1	\$39,125
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	-2.2%	0	1	\$30,516
51-9031	Cutters and Trimmers, Hand	0.0%	0	1	\$24,609
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	0.0%	0	1	\$29,229

Occupation Projections by Career Cluster Table 31

SOC Code	Occupation	Ave Annual Growth Rate	Ave Ann Openings Due to Growth	Ave Annual Openings Due to Net Replacements	2006 Average Annual Wage
51-4031	Cutting, Punching, & Press Machine Setters, Operators, & Tenders, Metal & Plastic	-1.5%	0	7	\$29,821
51-9081	Dental Laboratory Technicians	0.9%	0	2	\$35,032
49-2092	Electric Motor, Power Tool, and Related Repairers	0.0%	0	1	\$44,468
17-3023	Electrical and Electronic Engineering Technicians	1.8%	9	10	\$46,789
51-2022	Electrical and Electronic Equipment Assemblers	-2.2%	0	3	\$27,943
49-2093	Electrical and Electronics Installers and Repairers, Transportation Equipment	0.0%	0	2	\$41,220
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	1.6%	3	6	\$47,318
51-2023	Electromechanical Equipment Assemblers	7.2%	0	0	\$34,260
17-3024	Electro-Mechanical Technicians	1.8%	1	1	\$37,335
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	1.6%	2	4	\$33,384
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	-0.6%	0	2	\$34,721
17-3029	Engineering Technicians, Except Drafters, All Other	-4.0%	0	1	\$56,204
51-9194	Etchers and Engravers	0.0%	0	0	\$29,114
51-4021	Extruding and Drawing Machine Setters, Operators, & Tenders, Metal & Plastic	0.0%	0	7	\$33,143
51-6091	Extruding & Forming Mach. Setters, Operators, & Tenders, Synthetic & Glass Fibers	-1.8%	0	1	\$28,968
51-9041	Extruding, Forming, Pressing, & Compacting Mach. Setters, Operators, & Tenders	-1.8%	0	1	\$29,140
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	0.6%	7	29	\$59,886
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	-0.7%	0	23	\$58,568
51-3092	Food Batchmakers	0.0%	0	2	\$22,972
51-3093	Food Cooking Machine Operators and Tenders	0.0%	0	4	\$18,724
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	0.0%	0	4	\$27,727
51-7021	Furniture Finishers	0.0%	0	0	\$25,183
51-4033	Grinding, Lapping, Polishing, & Buffing Mach. Tool Setters, Ops., & Tenders, Metal & Plastic	0.0%	0	1	\$30,107
51-9198	Helpers--Production Workers	0.2%	7	98	\$17,422
49-9031	Home Appliance Repairers	0.8%	3	5	\$32,007
17-3026	Industrial Engineering Technicians	1.8%	4	4	\$54,776
49-9041	Industrial Machinery Mechanics	0.2%	1	10	\$49,179
11-3051	Industrial Production Managers	-0.7%	0	16	\$95,342
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	-0.7%	0	9	\$34,073
49-9099	Installation, Maintenance, and Repair Workers, All Other	1.0%	5	3	\$35,555
51-4034	Lathe and Turning Machine Tool Setters, Operators, & Tenders, Metal & Plastic	0.0%	0	0	\$37,172
49-9094	Locksmiths and Safe Repairers	0.0%	0	0	\$44,717
53-7063	Machine Feeders and Offbearers	-2.5%	0	2	\$37,314
51-4041	Machinists	0.5%	3	9	\$45,258
49-9042	Maintenance and Repair Workers, General	0.6%	27	10	\$35,680
49-9043	Maintenance Workers, Machinery	-1.8%	0	1	\$37,030
49-9095	Manufactured Building and Mobile Home Installers	1.6%	1	1	\$29,192
49-9011	Mechanical Door Repairers	0.0%	1	1	\$27,528
17-3027	Mechanical Engineering Technicians	0.0%	0	1	\$58,104
51-9082	Medical Appliance Technicians	0.0%	1	1	\$33,250
49-9062	Medical Equipment Repairers	1.8%	1	3	\$28,982

32 Occupation Projections by Career Cluster Table

SOC Code	Occupation	Ave Annual Growth Rate	Ave Ann Openings Due to Growth	Ave Annual Openings Due to Net Replacements	2006 Average Annual Wage
49-9044	Millwrights	-1.0%	0	3	\$53,152
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	-2.5%	0	20	\$37,814
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	1.0%	1	2	\$24,202
51-4072	Molding, Coremaking, & Casting Mach. Setters, Operators, & Tenders, Metal & Plastic	-2.8%	0	2	\$37,987
51-9083	Ophthalmic Laboratory Technicians	0.5%	1	4	\$24,603
51-9111	Packaging and Filling Machine Operators and Tenders	-0.1%	0	13	\$29,280
51-9122	Painters, Transportation Equipment	1.0%	1	2	\$41,013
51-9123	Painting, Coating, and Decorating Workers	0.0%	0	3	\$25,125
51-9132	Photographic Processing Machine Operators	-6.7%	0	4	\$27,672
51-8099	Plant and System Operators, All Other	3.4%	1	2	\$43,847
51-9199	Production Workers, All Other	-1.1%	0	6	\$36,272
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	0.4%	3	15	\$57,363
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	-1.5%	0	1	\$41,227
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	2.9%	1	1	\$28,393
51-9012	Separating, Filtering, Clarifying, Precipitating, & Still Mach. Setters, Ops., & Tenders	0.0%	0	1	\$31,262
51-6031	Sewing Machine Operators	-2.5%	0	2	\$22,306
51-6041	Shoe and Leather Workers and Repairers	2.3%	1	1	\$30,851
51-2041	Structural Metal Fabricators and Fitters	1.2%	4	6	\$34,923
51-2092	Team Assemblers	-2.1%	0	59	\$38,220
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	0.0%	0	1	\$22,158
51-6099	Textile, Apparel, and Furnishings Workers, All Other	1.7%	2	3	\$29,440
51-6093	Upholsterers	-0.8%	0	2	\$32,126
51-4121	Welders, Cutters, Solderers, and Brazers	1.3%	11	16	\$36,319
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	2.5%	2	1	\$40,820
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	0.0%	0	1	\$27,368
Marketing, Sales and Service					
11-2011	Advertising and Promotions Managers	0.0%	0	3	\$85,380
41-3011	Advertising Sales Agents	2.1%	8	6	\$72,173
13-2021	Appraisers and Assessors of Real Estate	1.4%	2	3	\$48,669
51-3021	Butchers and Meat Cutters	0.4%	2	8	\$32,939
41-2011	Cashiers	0.3%	30	535	\$18,646
41-2021	Counter and Rental Clerks	0.8%	11	53	\$22,666
41-9011	Demonstrators and Product Promoters	1.3%	2	4	\$26,847
53-3031	Driver/Sales Workers	0.4%	4	16	\$26,253
27-1022	Fashion Designers	0.0%	0	0	\$61,517
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	0.4%	3	15	\$76,031
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	1.0%	40	85	\$41,514
27-1023	Floral Designers	0.4%	1	6	\$23,929
39-4021	Funeral Attendants	1.7%	2	3	\$24,451
11-9061	Funeral Directors	1.2%	1	2	\$65,582
27-1025	Interior Designers	1.3%	3	4	\$44,997

SOC Code	Occupation	Ave Annual Growth Rate	Ave Ann Openings Due to Growth	Ave Annual Openings Due to Net Replacements	2006 Average Annual Wage
51-9071	Jewelers and Precious Stone and Metal Workers	2.3%	2	1	\$31,605
51-6011	Laundry and Dry-Cleaning Workers	1.1%	8	16	\$19,934
19-3021	Market Research Analysts	0.1%	2	14	\$75,603
11-2021	Marketing Managers	0.7%	6	18	\$124,853
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	0.8%	25	100	\$18,774
27-1026	Merchandise Displayers and Window Trimmers	1.9%	5	8	\$28,284
53-6021	Parking Lot Attendants	1.0%	4	10	\$19,070
41-2022	Parts Salespersons	0.0%	1	10	\$27,375
39-9099	Personal Care and Service Workers, All Other	-1.8%	0	1	\$37,089
51-6021	Pressers, Textile, Garment, and Related Materials	-0.7%	0	1	\$21,830
11-9141	Property, Real Estate, and Community Association Managers	1.2%	3	3	\$74,072
11-3061	Purchasing Managers	1.0%	3	8	\$103,631
41-9021	Real Estate Brokers	0.9%	3	5	\$78,002
41-9022	Real Estate Sales Agents	0.9%	16	26	\$51,627
41-2031	Retail Salespersons	1.4%	267	558	\$24,810
41-9099	Sales and Related Workers, All Other	1.5%	6	4	\$34,048
41-9031	Sales Engineers	0.0%	0	1	\$91,934
11-2022	Sales Managers	0.8%	10	24	\$112,887
41-3099	Sales Representatives, Services, All Other	2.8%	54	41	\$58,879
41-4012	Sales Reps., Wholesale & Manufacturing, Exc. Technical & Scientific Products	1.0%	33	73	\$59,754
41-4011	Sales Representatives, Wholesale & Manufacturing, Technical & Scientific Products	1.2%	14	25	\$92,078
53-6031	Service Station Attendants	1.1%	1	4	\$18,042
43-5081	Stock Clerks and Order Fillers	-1.0%	0	108	\$21,988
51-6052	Tailors, Dressmakers, and Custom Sewers	2.3%	1	1	\$32,090
41-9041	Telemarketers	-0.8%	0	53	\$36,835
13-1022	Wholesale and Retail Buyers, Except Farm Products	0.5%	1	8	\$51,792
Science, Technology, Engineering and Mathematics					
19-1021	Biochemists and Biophysicists	1.0%	6	12	\$95,309
17-1021	Cartographers and Photogrammetrists	0.0%	0	1	\$49,998
17-2041	Chemical Engineers	0.9%	9	21	\$94,320
19-4031	Chemical Technicians	0.9%	11	37	\$55,492
19-2031	Chemists	1.2%	12	24	\$73,261
17-2051	Civil Engineers	1.1%	12	28	\$73,037
19-3011	Economists	1.6%	1	2	\$98,247
17-2071	Electrical Engineers	1.2%	7	13	\$81,773
17-2072	Electronics Engineers, Except Computer	1.0%	2	2	\$60,078
11-9041	Engineering Managers	0.5%	2	7	\$120,432
17-2199	Engineers, All Other	1.0%	3	5	\$68,837
19-4091	Environmental Science and Protection Technicians, Including Health	3.1%	6	6	\$36,003
19-2041	Environmental Scientists and Specialists, Including Health	1.9%	6	7	\$55,471
19-4092	Forensic Science Technicians	2.3%	1	1	\$51,201

34 Occupation Projections by Career Cluster Table

SOC Code	Occupation	Ave Annual Growth Rate	Ave Ann Openings Due to Growth	Ave Annual Openings Due to Net Replacements	2006 Average Annual Wage
19-2042	Geoscientists, Except Hydrologists and Geographers	2.3%	2	2	\$66,663
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	0.7%	1	3	\$71,374
19-3093	Historians	2.9%	0	1	\$37,921
19-2043	Hydrologists	0.0%	1	1	\$64,849
17-2112	Industrial Engineers	1.2%	9	15	\$75,608
19-4099	Life, Physical, and Social Science Technicians, All Other	1.8%	0	2	\$44,907
17-2131	Materials Engineers	0.0%	0	0	\$67,629
19-2032	Materials Scientists	0.0%	0	1	\$59,773
15-2099	Mathematical Science Occupations, All Other	-6.7%	0	0	\$63,829
17-2141	Mechanical Engineers	0.5%	2	9	\$78,572
19-1022	Microbiologists	1.6%	1	1	\$58,286
19-2012	Physicists	2.9%	0	1	\$74,603
19-3099	Social Scientists and Related Workers, All Other	0.0%	0	2	\$69,029
17-3031	Surveying and Mapping Technicians	1.3%	2	3	\$31,539
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	-1.0%	0	5	\$29,373

Transportation, Distribution and Logistics

49-3011	Aircraft Mechanics and Service Technicians	0.7%	5	7	\$48,227
53-2011	Airline Pilots, Copilots, and Flight Engineers	4.1%	1	1	\$94,299
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	1.7%	2	1	\$21,322
49-3021	Automotive Body and Related Repairers	1.1%	6	13	\$37,699
49-3023	Automotive Service Technicians and Mechanics	1.6%	50	55	\$34,793
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	0.5%	3	13	\$42,416
53-3022	Bus Drivers, School	0.7%	14	27	\$24,082
53-5021	Captains, Mates, and Pilots of Water Vessels	0.0%	1	2	\$39,237
43-5011	Cargo and Freight Agents	0.0%	0	2	\$36,864
53-7061	Cleaners of Vehicles and Equipment	1.0%	9	31	\$20,652
53-2012	Commercial Pilots	2.4%	4	4	\$73,194
43-5032	Dispatchers, Except Police, Fire, and Ambulance	0.0%	0	11	\$34,365
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, & Material Movers, Hand	1.3%	4	6	\$47,097
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle Operators	1.2%	8	13	\$50,615
53-7051	Industrial Truck and Tractor Operators	-0.1%	0	41	\$29,480
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	0.2%	8	153	\$25,747
13-1081	Logisticians	1.8%	4	3	\$63,963
53-7199	Material Moving Workers, All Other	0.0%	0	1	\$33,655
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	0.6%	3	7	\$44,489
53-3099	Motor Vehicle Operators, All Other	1.2%	2	4	\$32,481
49-3051	Motorboat Mechanics	2.9%	3	2	\$27,508
49-3052	Motorcycle Mechanics	1.2%	2	2	\$32,240
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	-0.9%	0	2	\$32,968
43-5051	Postal Service Clerks	0.8%	2	6	\$43,460

Occupation Projections by Career Cluster Table 35

SOC Code	Occupation	Ave Annual Growth Rate	Ave Ann Openings Due to Growth	Ave Annual Openings Due to Net Replacements	2006 Average Annual Wage
43-5052	Postal Service Mail Carriers	0.7%	8	30	\$43,569
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	-0.3%	0	6	\$42,025
11-9131	Postmasters and Mail Superintendents	0.0%	0	1	\$64,931
43-5061	Production, Planning, and Expediting Clerks	0.6%	5	23	\$41,872
49-3043	Rail Car Repairers	-1.3%	0	2	\$40,415
49-3092	Recreational Vehicle Service Technicians	1.8%	1	1	\$32,099
53-7081	Refuse and Recyclable Material Collectors	1.0%	5	13	\$32,579
53-5011	Sailors and Marine Oilers	0.0%	0	1	\$29,028
53-7121	Tank Car, Truck, and Ship Loaders	0.7%	7	14	\$44,808
53-3041	Taxi Drivers and Chauffeurs	1.2%	8	8	\$23,962
49-3093	Tire Repairers and Changers	2.3%	7	5	\$20,077
39-6032	Transportation Attendants, Except Flight Attendants and Baggage Porters	2.3%	1	1	\$25,452
53-6051	Transportation Inspectors	1.6%	1	2	\$53,186
11-3071	Transportation, Storage, and Distribution Managers	1.4%	4	10	\$103,531
53-3032	Truck Drivers, Heavy and Tractor-Trailer	1.4%	73	88	\$35,170
53-3033	Truck Drivers, Light or Delivery Services	1.3%	41	54	\$28,244

Industry Projections

Total employment in Delaware is projected to increase by 46,200 jobs from 2006 to 2016, which would be an annual growth rate of 1.0 percent. The national projections for the same period, developed independently, also project annual job growth of 1.0 percent for the United States. The current projections for Delaware, although based on expected future values of key variables, in effect represent the continuation of a long-term trend of slowing job growth. From 1986 to 1996, Delaware averaged 2.0 percent annual job growth, versus 1.9 percent in the US. During the 1996 to 2006 period, job growth declined to an average 1.5 percent annual rate in Delaware, and 1.1 percent rate in the US. From 2000 through 2007, job growth slowed both nationally and in Delaware, with the US now edging out Delaware with 0.66 percent job growth per year on average, versus 0.56 percent in the state. The current ten-year projections thus represent a slowdown from the two most recent ten-year periods, but an increase over the last eight years.

If the most recent population projections from the Delaware Population Consortium turn out to be accurate, even achieving a 1.0 percent annual rate of job growth over the next ten years may prove difficult. In the last two ten-year periods, annual job growth has been within one-tenth of one percent of traditional working-age population growth (ages 16-64). For the 2006-2016 period, Delaware's working-age population is projected to grow by only 0.66 percent per year. The most likely scenario for 1.0 percent annual job growth consistent with 0.66 percent working-age population growth is an increase in employment among those 65 and over. This is expected to be one of the fastest-growing age groups in the state, with growth of 35 percent projected by 2016. An increase in their labor force participation by six percentage points would be all that is needed to fill the gap between job growth and population growth.

Of the top ten private industries projected to add the most jobs by 2016, only two pay above-average wages: **Professional and Technical Services** and **Management of Companies**. The two highest-paying industries in Delaware, **Finance and Insurance**, and **Utilities**, are both projected to have very sluggish growth, with only 800 new jobs expected between them. While all industries have a mix of higher- and lower-paying occupations, finding a high-paying job will obviously be easier in an industry where the average pay is high.

By far, the industry with the greatest expected job growth is **Health Care and Social Assistance**. Over the next decade, nearly one out of every five new jobs in the state will be

created in this industry. The 9,000 new jobs expected by 2016 would be enough to make this Delaware's largest industry, just passing the current largest industry, **Retail Trade**. Health Care and Social Assistance also had the most job gain from 1996 to 2006, by far. It added 14,700 jobs in the last decade, nearly double the amount of jobs added by the second place industry, Finance and Insurance. The occupations within Health Care and Social Assistance vary widely in pay, from highly-paid doctors through much lower-paid aides and orderlies. Overall, the industry average is about five percent below the average for all industries, so growth here would be expected to have a slight negative effect on average wages in the state.

Administrative and Support and Waste Management and Remediation Services is expected to add the second-most jobs, while growing at the fastest rate of all industry sectors. Almost all of the growth here is expected to come from the **Administrative and support services** sub-sector, with **Waste management and remediation services** expected to gain only several hundred jobs. The over 5,000 new jobs expected in **Administrative and support services** will come primarily from two sources: firms outsourcing their peripheral functions, such as call centers and site maintenance and security, to other

firms which specialize in those areas, and growth in **Temporary help services**. This would represent a substantial acceleration of growth for this industry. It added only 1,000 jobs from 1996 to 2006, a 0.4 percent annual rate of growth, which was well below the overall average. Average wages were 37 percent below the state average in 2006, so most of the jobs generated here would be expected to pay below-average wages.

The industry projected to add the third-highest number of jobs is the state's current biggest industry, **Retail Trade**. Although an additional 5,300 jobs are forecast in Retail Trade, this would be a below-average rate of job growth of 0.9

percent per year. After losing jobs during the recession in 2001, this industry has shown sluggish job growth in the subsequent economic expansion; this pattern is expected to continue during the current projection period. Average wages in Retail Trade were 46 percent below the state average in 2006.

The projected rate of growth for Transportation & Warehousing is 1,700 jobs per year.



Both **Professional and Technical Services** and **Accommodation and Food Services** are projected to add 4,300 jobs by 2016. The first industry paid an average annual wage of \$73,734 in 2006, while the second paid \$16,183 (Delaware's overall average wage was \$46,261 in 2006). Both industries are projected to grow at above-average rates: 1.5 percent per year for Professional and Technical Services, and 1.3 percent per year for Accommodation and Food Services.

Construction, an industry where employment boomed earlier this decade, is expected to add 2,600 jobs over the next decade, a rate of growth that is slightly below the overall average. This is because 2006, our base year for these projections, was a peak for this highly cyclical industry. There were job losses in construction in 2007, which may extend into 2008. From 1996 to 2006, Construction was the third-fastest growing industry, averaging 3.1 percent job growth per year. It also added the third-most jobs, growing by 7,750. The average pay in Construction is less than one percent below the state average.

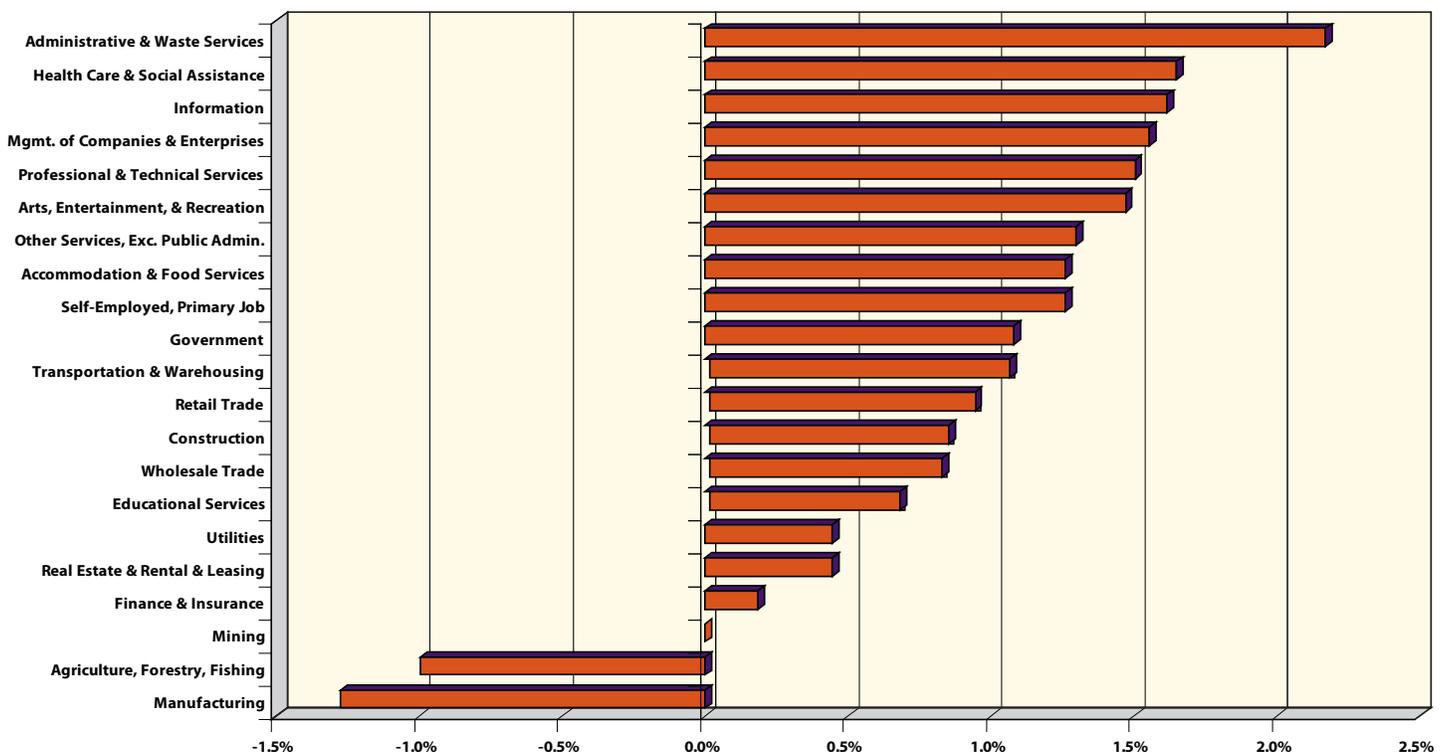
While **Arts, Entertainment, and Recreation** was Delaware's fastest-growing industry in the last decade, averaging 4.5 percent growth per year, its growth is projected to slow considerably in the coming decade, but still remain above the overall state average. Much of the job growth in the last ten years was driven by the placement of video lottery machines at the state's horseracing tracks. That is now a more mature industry, facing increased competition from other states. Arts, Entertainment, and Recreation, which also includes museums,

golf courses, and performing arts, is forecast to add 1,400 jobs by 2016, for an average annual growth rate of 1.5 percent. The average wage, at \$21,689 in 2006, is less than half the overall state average.

Two industries which pay above-average wages and are expected to add jobs are **Wholesale Trade and Information**. Wholesale Trade, where the average wage of \$71,950 was 56 percent above the state average, is forecast to add 1,300 jobs over the ten-year period, an annual average growth rate of 0.8 percent. Information, which includes newspapers, television and radio broadcasting, and data processing, pays 16 percent above the state average and is expected to add 1,200 jobs. This would represent a growth rate of 1.6 percent per year.

Only two industries are expected to show net job losses between 2006 and 2016: **Manufacturing and Agriculture, Forestry, Fishing and Hunting**. Both would be continuing long trends of decline, but in each case, the rate of decline is expected to slow. Manufacturing, which shed 8,100 jobs in the state between 1996 and 2006, is forecast to lose about half that many between 2006 and 2016. It was Delaware's second largest industry in 1996, fourth largest in 2006, and is forecast to be the tenth largest in 2016. Wages were 17 percent above the state average in 2006. Agriculture, Forestry, Fishing and Hunting employment fell by 2,300 jobs from 1996 to 2006, and is expected to decline by another 400 jobs by 2016. It is currently the state's third smallest employer, with only Mining and Utilities having fewer jobs. Wages here are 33 percent below the state average.

Projected Annual Rate of Growth, 2006 – 2016



Industry Projections Table

NAICS Code	Industry	2006 - 2016			
		2006	2016	2006-2016 Change	Annual Growth
	Total Employment, All Jobs	456,900	503,100	46,200	1.0%
	Total Self-Employed and Unpaid Family Workers, Primary Job	21,200	24,000	2,800	1.2%
	Self-employed workers, primary job	21,000	23,800	2,800	1.3%
	Unpaid family workers, primary job	200	200	0	0.0%
11	Agriculture, Forestry, Fishing	4,200	3,800	-400	-1.0%
111	Crop production	2,600	2,400	-200	-0.8%
112	Animal production	1,400	1,200	-200	-1.5%
115	Support activities for agriculture and forestry	300	200	-100	-4.0%
21	Mining	100	100	0	0.0%
22	Utilities	2,200	2,300	100	0.4%
23	Construction	29,300	31,900	2,600	0.9%
236	Construction of buildings	8,000	8,500	500	0.6%
237	Heavy and civil engineering construction	3,400	3,900	500	1.4%
238	Specialty trade contractors	17,800	19,500	1,700	0.9%
31-33	Manufacturing	33,200	29,200	-4,000	-1.3%
311	Food manufacturing	9,300	9,500	200	0.2%
312	Beverage and tobacco product manufacturing	100	200	100	7.2%
313	Textile mills	800	700	-100	-1.3%
314	Textile product mills	100	100	0	0.0%
315	Apparel manufacturing	200	100	-100	-6.7%
321	Wood product manufacturing	400	500	100	2.3%
322	Paper manufacturing	1,000	700	-300	-3.5%
323	Printing and related support activities	700	600	-100	-1.5%
324	Petroleum and coal products manufacturing	700	700	0	0.0%
325	Chemical manufacturing	4,500	3,500	-1,000	-2.5%
326	Plastics and rubber products manufacturing	1,700	1,400	-300	-1.9%
327	Nonmetallic mineral product manufacturing	1,000	1,200	200	1.8%
331	Primary metal manufacturing	600	500	-100	-1.8%
332	Fabricated metal product manufacturing	2,000	2,300	300	1.4%
333	Machinery manufacturing	400	500	100	2.3%
334	Computer and electronic product manufacturing	2,800	3,300	500	1.7%
335	Electrical equipment and appliance manufacturing	600	400	-200	-4.0%
336	Transportation equipment manufacturing	4,100	1,200	-2,900	-11.6%
337	Furniture and related product manufacturing	900	700	-200	-2.5%
339	Miscellaneous manufacturing	1,200	1,100	-100	-0.9%

NAICS Code	Industry	2006 - 2016			
		2006	2016	2006-2016 Change	Annual Growth
42	Wholesale Trade	15,100	16,400	1,300	0.8%
423	Merchant wholesalers, durable goods	5,800	6,000	200	0.3%
424	Merchant wholesalers, nondurable goods	6,500	6,800	300	0.5%
425	Electronic markets and agents and brokers	2,800	3,600	800	2.5%
44-45	Retail Trade	53,700	59,000	5,300	0.9%
441	Motor vehicle and parts dealers	7,100	8,100	1,000	1.3%
442	Furniture and home furnishings stores	3,100	3,400	300	0.9%
443	Electronics and appliance stores	1,900	2,200	300	1.5%
444	Building material and garden supply stores	5,000	5,600	600	1.1%
445	Food and beverage stores	8,600	9,100	500	0.6%
446	Health and personal care stores	3,900	4,600	700	1.7%
447	Gasoline stations	2,500	2,700	200	0.8%
448	Clothing and clothing accessories stores	5,200	5,800	600	1.1%
451	Sporting goods, hobby, book and music stores	2,300	2,600	300	1.2%
452	General merchandise stores	9,500	9,300	-200	-0.2%
453	Miscellaneous store retailers	3,500	4,100	600	1.6%
454	Nonstore retailers	1,200	1,500	300	2.3%
48-49	Transportation and Warehousing	15,200	16,900	1,700	1.1%
481	Air transportation	200	300	100	4.1%
482	Rail transportation	1,400	1,200	-200	-1.5%
484	Truck transportation	2,900	3,400	500	1.6%
485	Transit and ground passenger transportation	2,300	2,500	200	0.8%
488	Support activities for transportation	2,400	2,600	200	0.8%
491	Postal service	2,200	2,300	100	0.4%
492	Couriers and messengers	1,300	1,700	400	2.7%
493	Warehousing and storage	2,500	2,900	400	1.5%
51	Information	6,900	8,100	1,200	1.6%
511	Publishing industries, except internet	1,500	1,600	100	0.6%
512	Motion picture and sound recording industries	300	500	200	5.2%
515	Broadcasting, except internet	1,700	1,900	200	1.1%
517	Telecommunications	1,300	1,600	300	2.1%
518	Isps, search portals, and data processing	1,800	2,200	400	2.0%
519	Other information services	200	300	100	4.1%
52	Finance and Insurance	37,600	38,300	700	0.2%
522	Credit intermediation and related activities	26,500	25,500	-1,000	-0.4%
5221	Depository credit intermediation	8,000	8,600	600	0.7%
5222	Nondepository credit intermediation	15,900	14,000	-1,900	-1.3%
5223	Activities related to credit intermediation	2,600	2,900	300	1.1%

40 Industry Projections Table

NAICS Code	Industry	2006 - 2016			
		2006	2016	2006-2016 Change	Annual Growth
523	Securities, commodity contracts, investments	3,800	4,500	700	1.7%
524	Insurance carriers and related activities	7,000	7,900	900	1.2%
525	Funds, trusts, and other financial vehicles	300	400	100	2.9%
53	Real Estate and Rental and Leasing	6,600	6,900	300	0.4%
531	Real estate	4,900	5,400	500	1.0%
532	Rental and leasing services	1,900	1,500	-400	-2.3%
54	Professional and Technical Services	26,700	31,000	4,300	1.5%
55	Management of Companies and Enterprises	12,000	14,000	2,000	1.6%
56	Administrative and Waste Services	23,800	29,500	5,700	2.2%
561	Administrative and support services	22,900	28,500	5,600	2.2%
562	Waste management and remediation services	800	1,000	200	2.3%
61	Educational Services	31,200	33,400	2,200	0.7%
62	Health Care and Social Assistance	50,600	59,600	9,000	1.7%
621	Ambulatory health care services	15,800	19,400	3,600	2.1%
622	Hospitals	18,500	20,900	2,400	1.2%
623	Nursing and residential care facilities	8,300	10,000	1,700	1.9%
624	Social assistance	8,000	9,300	1,300	1.5%
71	Arts, Entertainment, and Recreation	8,900	10,300	1,400	1.5%
711	Performing arts and spectator sports	1,200	1,300	100	0.8%
712	Museums, historical sites, zoos, and parks	900	1,000	100	1.1%
713	Amusements, gambling, and recreation	6,800	8,000	1,200	1.6%
72	Accommodation and Food Services	32,200	36,500	4,300	1.3%
721	Accommodation	2,900	3,200	300	1.0%
722	Food services and drinking places	29,300	33,300	4,000	1.3%
81	Other Services, Except Public Administration	18,900	21,500	2,600	1.3%
811	Repair and maintenance	3,700	4,200	500	1.3%
812	Personal and laundry services	4,200	4,700	500	1.1%
813	Membership associations and organizations	10,200	11,900	1,700	1.6%
814	Private households	700	700	0	0.0%
	Government	27,300	30,400	3,100	1.1%
	Federal government, excluding postal service	3,200	3,400	200	0.6%
	State government, excluding education and hospitals	17,000	19,100	2,100	1.2%
	Local government, excluding education and hospitals	7,100	7,900	800	1.1%

Acknowledgements

This report was written by George Sharpley, PhD., Labor Market Economist. He and Thomas E. Dougherty, Labor Market Information Supervisor, generated the projections. Lyn Anderson developed the design and layout.

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Other available publications include:

- *Beyond Wages: Delaware Job Benefits, and*
- *Wages 2006 (Wages 2007 coming soon!)*

All publications are also available online at www.oolmi.net.

Thanks to the following people for their photographs:

Jay Lynch - nurse on page 1, woman planting on back cover
Jeremy Lewis - proud professor and graduate on page 3
Michael Summerville - paramedic, inside front cover

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