

Table 5.2 Factors affecting occupational utilization, 2008-18

SOC code	Occupation title	NAICS code	Industry title	Factors affecting occupational utilization
11-1011	Chief executives	000001	All industries	A small decrease is expected as mergers and consolidations reduce the need for chief executives.
11-1021	General and operations managers	000001 except: 551100	All industries, except: management of companies and enterprises	A small decrease is expected as consolidation decreases demand for these workers.
11-2011	Advertising and promotions managers	551100	Management of companies and enterprises	A small decrease is expected as advertising work is outsourced to the advertising and related services industry.
		511110	Newspaper publishers	A small decrease is expected as advertising work is outsourced to the advertising and related services industry.
11-2022	Sales managers	000001 except: 441100 452100	All industries, except: automobile dealers; department stores	A small increase is expected as consolidation reduces demand for these workers.
11-2031	Public relations managers	541800	Advertising, public relations, and related services	A small increase is expected as other industries outsource to this industry, and demand for public relations services increases relative to other sectors of this industry.
		551100	Management of companies and enterprises	A small increase is expected as companies increasing focus on public image and customer service to set themselves apart from their competitors.
11-3011	Administrative services managers	522100	Depository credit intermediation	A small decrease is expected as financial institutions streamline operations through consolidation or mergers, causing the demand for these workers to decrease.
		541200	Accounting, tax preparation, bookkeeping, and payroll services	A small decrease is expected as this industry consolidates operations into fewer locations, causing demand for these workers to decrease.
11-3021	Computer and information systems managers	518200	Data processing, hosting, and related services	A small increase is expected as additional workers are needed to supervise the growing number of computer specialists in this industry.
11-3041	Compensation and benefits managers	522100	Depository credit intermediation	A small decrease is expected. As institutions in this industry consolidate operations, a declining share of these workers will be needed to service employees relative to the share of employees needed to service customers.
11-3042	Training and development managers	522100	Depository credit intermediation	A small decrease is expected. As these institutions consolidate and concentrate on core profit-making concerns, employment will decline relative to occupations that provide a service directly to customers.
11-3071	Transportation, storage, and distribution managers	000001 except: 484100	All industries, except: general freight trucking	A small decrease is expected as companies reduce the size of management in favor of increased personal responsibility and incentives for employees.
		484100	General freight trucking	A moderate decrease is expected as companies reduce the size of management in favor of increased personal responsibility and incentives for employees.
11-9051	Food service managers	722300	Special food services	A small decrease is expected as contract food services operations are better able to consolidate management across multiple accounts and sites.
		721110,90,300	Hotels (except casino), motels, and all other traveler accommodation	A small decrease is expected as more hotels contract out or eliminate food service and those that maintain food service operations consolidate management across properties to cut costs and streamline operations.
11-9071	Gaming managers	934300	Local government, excluding education and hospitals	A small increase is expected as growth in Indian gaming will increase demand for these workers.
11-9151	Social and community service managers	624120	Services for the elderly and persons with disabilities	A moderate decrease is expected as demand for these workers decreases relative to those who provide direct care services.
		623210	Residential mental retardation facilities	A moderate decrease is expected as demand for these workers decreases relative to those who provide direct care services.
		623220	Residential mental health and substance abuse facilities	A small decrease is expected as demand for these workers decreases relative to those who provide direct care services.
		621420	Outpatient mental health and substance abuse centers	A small decrease is expected as demand for these workers decreases relative to those who provide direct care services.
623300	Community care facilities for the elderly	A small decrease is expected as demand for these workers decreases relative to those who provide direct care services.		
13-1021	Purchasing agents and buyers, farm products	424400	Grocery and related product merchant wholesalers	A small decrease is expected as productivity increases, decreasing demand for these workers.
13-1022	Wholesale and retail buyers, except farm products	000001, except: 441100 444100	All industries, except: Automobile dealers; building material and supplies dealers	A small increase is expected as firms consolidate.
		441100	Automobile dealers	A moderate decrease is expected as firms close and consolidate.
		444100	Building material and supplies dealers houses	A moderate decrease is expected as firms close and consolidate.
13-1023	Purchasing agents, except wholesale, retail, and farm products	000001	All industries	A small increase is expected due to increased purchasing activity.
13-1031	Claims adjusters, examiners, and investigators	931100	Federal government, excluding postal service	A small increase is expected due to increased demand for disability claims examiners by the Social Security Administration and related agencies.
13-1041	Compliance officers, except agriculture, construction, health and safety, and transportation	000001	All industries	A moderate increase is expected as more of these workers are required to ensure firms are complying with regulations.
13-1051	Cost estimators	000001	All industries	A small to moderate increase is expected as firms increasingly demand these workers to reduce project costs.
13-1061	Emergency management specialists	000001	All industries	A small increase is expected as the number of threats for which these workers must prepare for increases.

13-1072	Compensation, benefits, and job analysis specialists	000001	All industries	A small increase is expected as firms consolidate activities and close locations, increasing demand for workers who provide services to displaced employees.
13-1073	Training and development specialists	000001 except: 561420	All industries, except: telephone call centers	A small increase is expected. As companies restructure operations and retrain or rehire their workforce, these specialists will be in greater need to prepare employees for new jobs or new skills.
13-1079	Human resources, training, and labor relations specialists, all other	000001	All industries	A small increase is expected as the number of employment transactions increases resulting in a greater need for these workers.
13-1081	Logisticians	000001, except: 221100	All industries, except: electric power generation, transmission and distribution	A small increase is expected as global trade becomes more prevalent, increasing demand for these workers.
13-1121	Meeting and convention planners	561900	Other support services	A moderate increase is expected. As these organizations host more meetings and conventions, demand for these workers will increase.
		813200	Grantmaking and giving services	A moderate increase is expected. As these organizations host more meetings and conventions, demand for these workers will increase.
13-2011	Accountants and auditors	551100	Management of companies and enterprises	A small increase is expected as more of these workers are need to respond to increased regulations and scrutiny.
		541200	Accounting, tax preparation, bookkeeping, and payroll services	A small increase is expected as these professionals become more involved in analysis and interpretation of accounting and auditing information.
		522100	Depository credit intermediation	A small increase is expected as more of these workers are need to respond to increased regulations and scrutiny.
		541600	Management, scientific, and technical consulting services	A small increase is expected as more firms bring in outside accountants and auditors as consultants.
		541500	Computer systems design and related services	A small increase is expected as more accounting software and information systems are developed by accountants.
		561300	Employment services	A moderate increase is expected as firms increasingly hire these workers on a temporary basis.
		561100	Office administrative services	A small increase is expected as companies increasingly hire accountants on a contract basis.
523900	Other financial investment activities	A small increase is expected as more of these workers are needed to respond to increased regulations and scrutiny.		
13-2021	Appraisers and assessors of real estate	531200	Offices of real estate agents and brokers	A moderate decrease is expected as regulatory changes make it more difficult for appraisers to work directly for brokers and agents.
13-2031	Budget analysts	931100	Federal government, excluding postal service	A small increase is expected as more budget analysts are needed due to an increasingly complex budgeting process.
13-2041	Credit analysts	000001	All industries	A small increase is expected across as companies put more emphasis on creditworthiness.
13-2051	Financial analysts	000001	All industries	A small increase is expected. As newer and more complex investments, such as hedge funds, become more popular, companies are hiring a larger number of analysts to research and recommend such investments.
13-2052	Personal financial advisors	000001	All industries	A small to moderate increase is expected. As more members of the large baby boom generation reach their peak years of retirement savings, these workers are expected to increase their share of employment as more people will seek the help of these experts.
13-2053	Insurance underwriters	000001, except: 524120	All industries, except: direct insurance (except life, health, and medical) carriers	A small decrease is expected as automation and technological advancement, such as automated underwriting software which quickly rates and analyzes insurance applications, reduces the need for underwriters.
13-2061	Financial examiners	000001	All industries	A large increase is expected. Given the recent financial turmoil, demand for examiners will increase due to strict financial regulations by a variety of Federal agencies.
13-2081	Tax examiners, collectors, and revenue agents	931100	Federal government, excluding postal service	A small increase is expected as the IRS increasingly replaces contracted collectors with Federal employees.
13-2082	Tax preparers	000001	All industries	A small decrease is expected as consumers increasingly use tax software to prepare taxes, decreasing the need for these workers.
15-1011	Computer and information scientists, research	931100	Federal government, excluding postal service	A small increase is expected as resources are increasingly devoted to research and development.
15-1021	Computer programmers	000001	All industries	A moderate decrease is expected as programming functions are increasingly automated and outsourced, reducing demand for these workers.
15-1031	Computer software engineers, applications	000001, except: 511200	All industries, except: software publishers	A small increase is expected as organizations continue to adopt the latest software products.
15-1032	Computer software engineers, systems software	000001, except: 511200	All industries, except: software publishers	A small increase is expected as organizations continue to adopt the latest software products.
15-1041	Computer support specialists	541500	Computer systems design and related services	A small increase is expected. Demand will increase as organizations increase their offerings of support services.
		423400	Professional and commercial equipment and supplies merchant wholesalers	A small decrease is expected as support services are outsourced to other industries.
		511200	Software publishers	A small increase is expected. Demand will increase as organizations increase their offerings of support services
		934300	Local government, excluding education and hospitals	A small decrease is expected as support services are outsourced to other industries.
		518200	Data processing, hosting, and related services	A small increase is expected. Demand will increase as organizations increase their offerings of support services
		517100	Wired telecommunications carriers	A small decrease is expected as support services are outsourced to other industries.

		541600	Management, scientific, and technical consulting services	A small decrease is expected as support services are outsourced to other industries.
		522100	Depository credit intermediation	A small decrease is expected as support services are outsourced to other industries.
		541200	Accounting, tax preparation, bookkeeping, and payroll services	A moderate decrease is expected as support services are outsourced to other industries.
		933300	State government, excluding education and hospitals	A small decrease is expected as support services are outsourced to other industries.
15-1051	Computer systems analysts	518200	Data processing, hosting, and related services	A small increase is expected as IT services are increasingly outsourced to this industry.
		511200	Software publishers	A small increase is expected. Demand for these workers will grow as organizations develop systems to administer software over the internet.
15-1061	Database administrators	541500	Computer systems design and related services	A small increase is expected. Demand will increase as many industries outsource data functions to the computer systems design and related service industry.
		511200	Software publishers	A small increase is expected. As organizations offer more software services over the internet, the demand for data management will grow.
15-1071	Network and computer systems administrators	541500	Computer systems design and related services	A moderate increase is expected. Demand will grow as many industries outsource systems administration to this industry.
		518200	Data processing, hosting, and related services	A moderate increase is expected. Demand will grow as many industries outsource information technology functions to this industry.
		511200	Software publishers	A moderate increase is expected. Demand will grow as organizations in this industry increasingly offer software services over the internet.
15-1081	Network systems and data communications analysts	000001, except: 551100 561300	All industries, except: management of companies and enterprises; employment services	A large increase is expected as organizations continue to adopt the latest network technologies.
15-2031	Operations research analysts	000001, except: 541600 541500	All industries, except: management, scientific, and technical consulting services; computer systems design and related services	A small increase is expected as companies embrace quantitative studies in management decision-making.
15-2041	Statisticians	325400	Pharmaceutical and medicine manufacturing	A small increase is expected as pharmaceutical companies need statisticians to help process the results of increasingly rigorous clinical trials.
17-1012	Landscape architects	541310-20	Architectural and landscape architectural services	A small increase is expected as demand for their services increases in green design projects.
17-1021	Cartographers and photogrammetrists	934300	Local government, excluding education and hospitals	A small increase is expected due to increased demand for mapping data.
17-2031	Biomedical engineers	000001	All industries	A very large increase is expected as there is growing demand for these workers to develop marketable products from the results of biotech and medical research.
17-2041	Chemical engineers	541710	Research and development in the physical, engineering, and life sciences	A small decrease is expected as chemical engineers will not experience the growth of the life-science related researchers, who will drive industry growth.
17-2071	Electrical engineers	221100	Electric power generation, transmission and distribution	A small increase is expected as power generation will increase, and automation will affect lower skilled workers more than engineers.
		541710	Research and development in the physical, engineering, and life sciences	A small decrease is expected as electrical engineering grows more slowly than the industry, which will be driven by strong growth in life sciences research.
17-2072	Electronics engineers, except computer	541710	Research and development in the physical, engineering, and life sciences	A small decrease is expected as electronics engineers will more slowly than the industry, which will be driven by strong growth in life sciences research.
17-2112	Industrial engineers	000001	All industries	A small to moderate increase is expected as more industrial engineers are needed to optimize production processes and logistical concerns in order to maintain competitiveness in a globalized economy.
17-2131	Materials engineers	000001, except: 336400	All industries, except: aerospace product and parts manufacturing	A small increase is expected as advanced manufacturing uses new materials, some developed by nanotechnology, materials engineers will be needed to implement these developments.
		336400	Aerospace product and parts manufacturing	A moderate increase is expected as aerospace manufacturing remains at the forefront of using composite materials that are developed by materials engineers.
17-2141	Mechanical engineers	541710	Research and development in the physical, engineering, and life sciences	A small decrease is expected as mechanical engineering services will grow more slowly than many of the physical and life sciences fields in this industry.
		336300	Motor vehicle parts manufacturing	A small increase is expected because engineering work is harder to automate than production work.
		336600	Ship and boat building	A small increase is expected because engineering work is harder to automate than production work.
		332900	Other fabricated metal product manufacturing	A small increase is expected because engineering work is harder to automate than production work.
		333100	Agriculture, construction, and mining machinery manufacturing	A small increase is expected because engineering work is harder to automate than production work.
		333500	Metalworking machinery manufacturing	A small increase is expected because engineering work is harder to automate than production work.
		326100	Plastics product manufacturing	A small increase is expected because engineering work is harder to automate than production work.
		336100	Motor vehicle manufacturing	A small increase is expected because engineering work is harder to automate than production work.
		333600	Engine, turbine, and power transmission equipment manufacturing	A small increase is expected because engineering work is harder to automate than production work.
		339100	Medical equipment and supplies manufacturing	A small increase is expected because engineering work is harder to automate than production work.
		335300	Electrical equipment manufacturing	A small increase is expected because engineering work is harder to automate than production work.

		333300	Commercial and service industry machinery manufacturing	A small increase is expected because engineering work is harder to automate than production work.
17-2171	Petroleum engineers	211100	Oil and gas extraction	A large increase is expected as new technologies allow pumps to be run by engineers in onshore control rooms rather than by pump operators on the rigs.
		213100	Support activities for mining	A large increase is expected as new technologies allow pumps to be run by engineers in onshore control rooms rather than by pump operators on the rigs.
		324100	Petroleum and coal products manufacturing	A small increase is expected as higher long term oil prices and limited domestic resources lead to greater efforts to extract oil from deposits that earlier might be abandoned.
		551100	Management of companies and enterprises	A moderate increase is expected as higher long term oil prices and limited domestic resources lead to greater efforts to extract oil from deposits that earlier might be abandoned.
17-3011	Architectural and civil drafters	000001	All industries	A small decrease is expected as improved software make workers more productive and/or shifts their duties to other workers.
17-3012	Electrical and electronics drafters	000001, except: 238220	All industries, except: plumbing, heating, and air-conditioning contractors	A small decrease is expected as improvements in CADD software make these workers more productive and also shifts their duties to other workers
17-3013	Mechanical drafters	000001, except: 238220	All industries, except: plumbing, heating, and air-conditioning contractors	A small decrease is expected as improvements in CADD software make these workers more productive and also shifts their duties to other workers.
17-3019	Drafters, all other	000001	All industries	A small decrease is expected as improvements in CADD software make these workers more productive and also shifts their duties to other workers.
17-3026	Industrial engineering technicians	000001	All industries	A small increase is expected as manufacturing companies use these workers to improve processes and efficiencies in goods production, increasing demand for these workers.
17-3027	Mechanical engineering technicians	541710	Research and development in the physical, engineering, and life sciences	A moderate decrease is expected as mechanical engineering services will grow more slowly than life and physical sciences. In addition, these workers are susceptible to automation from improvements in virtual design work.
19-1012	Food scientists and technologists	000001	All industries	A small increase is expected as food safety concerns and the increased popularity of prepared foods boosts demand for these workers.
19-1021	Biochemists and biophysicists	000001	All industries	A moderate increase is expected as demand for biotechnology research increases, creating greater need for these workers.
19-1023	Zoologists and wildlife biologists	541600	Management, scientific, and technical consulting services	A small decrease is expected as increased demand for medical research causes a decrease in the share this occupation has in this industry.
		541710	Research and development in the physical, engineering, and life sciences	A small decrease is expected as increased demand for medical research causes a decrease in the share this occupation has in this industry.
19-1032	Foresters	934300	Local government, excluding education and hospitals	A small increase is expected. Local governments in large cities increasingly employ urban foresters to manage trees on city property.
19-1042	Medical scientists, except epidemiologists	000001	All industries	A moderate increase is expected as these workers are at the forefront of biotech research, which will be the force driving most science research. In addition, a large increase is expected in Federal grants, causing further increases in demand.
19-2031	Chemists	541710	Research and development in the physical, engineering, and life sciences	A moderate decrease is expected. Life sciences is the primary driver of growth in this industry, and very few chemists get federal funding, unlike physicists, so chemists will decline as a share of this industry.
19-2032	Materials scientists	551100	Management of companies and enterprises	A small increase is expected as usage of new materials will increase, particularly with developments in nanotechnology, increasing demand for these scientists to develop uses and means of producing these materials.
19-2042	Geoscientists, except hydrologists and geographers	211100	Oil and gas extraction	A small increase is expected as higher oil prices in the long term cause more workers to be involved in exploration instead of production.
		213100	Support activities for mining	A small increase is expected as exploration will grow faster than drilling and other components of this industry, increasing demand for these workers who are instrumental to the exploration process.
19-3021	Market research analysts	523900	Other financial investment activities	A small increase is expected as companies are increasingly hiring market and survey researchers to better understand and cater to consumer preferences.
		524120	Direct insurance (except life, health, and medical) carriers	A small increase is expected as companies are increasingly hiring market and survey researchers to better understand and cater to consumer preferences.
		561300	Employment services	A moderate increase is expected as companies are increasingly hiring market and survey researchers to better understand and cater to consumer preferences.
		334500	Navigational, measuring, electromedical, and control instruments manufacturing	A small increase is expected as companies are increasingly hiring market and survey researchers to better understand and cater to consumer preferences.
		551100	Management of companies and enterprises	A large increase is expected as companies are increasingly hiring market and survey researchers to better understand and cater to consumer preferences.
		541800	Advertising, public relations, and related services	A large increase is expected as companies are increasingly hiring market and survey researchers to better understand and cater to consumer preferences.
		511200	Software publishers	A small increase is expected as companies are increasingly hiring market and survey researchers to better understand and cater to consumer preferences.
		522100	Depository credit intermediation	A small increase is expected as companies are increasingly hiring market and survey researchers to better understand and cater to consumer preferences.
		423400	Professional and commercial equipment and supplies merchant wholesalers	A small increase is expected as companies are increasingly hiring market and survey researchers to better understand and cater to consumer preferences.
		425100	Wholesale electronic markets and agents and brokers	A moderate increase is expected as companies are increasingly hiring market and survey researchers to better understand and cater to consumer preferences.
		517100	Wired telecommunications carriers	A small increase is expected as companies are increasingly hiring market and survey researchers to better understand and cater to consumer preferences.
19-3022	Survey researchers	541720	Research and development in the social sciences and humanities	A large increase is expected as corporations increasingly hire these workers to determine consumer preferences in response to greater competition.
		541600	Management, scientific, and technical consulting services	A small increase is expected as corporations increasingly hire these workers to determine consumer preferences in response to greater competition.

19-3041	Sociologists	541720	Research and development in the social sciences and humanities	A small increase is expected sociology is increasingly incorporated into research in other fields.
19-3051	Urban and regional planners	934300	Local government, excluding education and hospitals	A small increase is expected as more planners will be hired to develop managed growth strategies.
19-3091	Anthropologists and archeologists	541720	Research and development in the social sciences and humanities	A small increase is expected as the need for anthropologists to perform research increases due to their broad training and education in analytical, methodological, conceptual, and qualitative and quantitative techniques.
		931100	Federal government, excluding postal service	A small increase is expected as the need for anthropologists to perform research increases due to their broad training and education in analytical, methodological, conceptual, and qualitative and quantitative techniques.
19-3099	Social scientists and related workers, all other	000001	All industries	A small increase is expected as social research is being incorporated into a growing number of industries.
19-4031	Chemical technicians	541710	Research and development in the physical, engineering, and life sciences	A small decrease is expected as chemical research grows more slowly than life science research, decreasing demand for these workers relative to other science occupations.
19-4041	Geological and petroleum technicians	211100	Oil and gas extraction	A small increase is expected. As higher oil prices are anticipated in the long term, more workers will be involved in exploration than production.
		213100	Support activities for mining	A small increase is expected. As higher oil prices are anticipated in the long term, more workers will be involved in exploration than production.
19-4092	Forensic science technicians	000001	All industries	A small increase is expected as new developments in science have increased the usefulness of forensic scientists in providing information on criminal cases.
21-1011	Substance abuse and behavioral disorder counselors	621420	Outpatient mental health and substance abuse centers	A moderate increase is expected as a growing focus on the rehabilitation of drug abusers and drug offenders, causing them to be sent to drug treatment programs instead of jail, increases demand for these workers.
		623220	Residential mental health and substance abuse facilities	A moderate increase is expected as a growing focus on the rehabilitation of drug abusers and drug offenders, causing them to be sent to drug treatment programs instead of jail, increases demand for these workers.
21-1014	Mental health counselors	621420	Outpatient mental health and substance abuse centers	A small increase is expected as these workers are preferred over more expensive psychologists.
		623210	Residential mental retardation facilities	A very large increase is expected as these workers are preferred over more expensive psychologists.
		621330	Offices of mental health practitioners (except physicians)	A moderate increase is expected as these workers are preferred over more expensive psychologists.
		621100	Offices of physicians	A moderate increase is expected as these workers are preferred over more expensive psychologists.
		624120	Services for the elderly and persons with disabilities	A small increase is expected as these workers are preferred over more expensive psychologists.
21-1021	Child, family, and school social workers	624120	Services for the elderly and persons with disabilities	A small decrease is expected as demand for services provided by these workers grows more slowly than demand for direct care services to the elderly, like home care.
		623220	Residential mental health and substance abuse facilities	A small decrease is expected as demand for this occupation grows slowly relative to demand for substance abuse social workers and counselors.
21-1022	Medical and public health social workers	624120	Services for the elderly and persons with disabilities	A small increase is expected as more of these workers will be necessary to assist the elderly in locating services.
		623300	Community care facilities for the elderly	A small decrease is expected as demand for services provided by these workers grows more slowly than demand for direct care services to the elderly, like home care.
		623210	Residential mental retardation facilities	A small increase is expected as more of these workers are needed to assist the elderly and the disabled and their families.
21-1023	Mental health and substance abuse social workers	621420	Outpatient mental health and substance abuse centers	A moderate increase is expected as more substance abusers seek treatment and as courts send drug offenders to treatment over jail.
		623220	Residential mental health and substance abuse facilities	A moderate increase is expected as more substance abusers seek treatment and as courts send drug offenders to treatment over jail.
		621330	Offices of mental health practitioners (except physicians)	A moderate increase is expected as more substance abusers seek treatment and as courts send drug offenders to treatment over jail.
		624120	Services for the elderly and persons with disabilities	A small decrease is expected as the demand for services provided by these workers grows more slowly than the demand for direct care services to the elderly, like home care.
21-1029	Social workers, all other	624120	Services for the elderly and persons with disabilities	A small decrease is expected as the demand for services provided by these workers grows more slowly than the demand for direct care services to the elderly, like home care.
		623210	Residential mental retardation facilities	A small decrease is expected as the demand for services provided by these workers grows more slowly than the demand for direct care services to the elderly, like home care.
21-1091	Health educators	813200	Grantmaking and giving services	A small increase is expected as demand for these workers to assist in writing grants related to health related activities increases.
		621100	Offices of physicians	A small increase is expected as physicians offices employ health educators at a higher rate to teach patients about their illnesses and diseases and to educate patients about how to avoid illnesses.
		813300	Social advocacy organizations	A small increase is expected as more of these workers are needed to educate the public about health related issues and advocate for public health issues.
		624120	Services for the elderly and persons with disabilities	A small decrease is expected as direct care services for elder, such as home care services, increase, reducing the proportion of this occupation employed by this industry.
21-1092	Probation officers and correctional treatment specialists	000001	All industries	A small increase is expected as changes in sentencing and the movement towards treatment over jail create a greater need for these workers.
21-1093	Social and human service assistants	624120	Services for the elderly and persons with disabilities	A small decrease is expected as the demand for direct services, like home care services increase, reducing the proportion of this occupation employed by this industry.
		624300	Vocational rehabilitation services	A moderate increase as these workers are increasingly being used to replace more expensive and difficult to find social workers.
		623220	Residential mental health and substance abuse facilities	A small decrease is expected as this occupation loses share of this industry due to increased demand for mental health and substance abuse social workers and substance abuse and behavior disorder counselors.

		621420	Outpatient mental health and substance abuse centers	A small decrease is expected as this occupation loses share of this industry due to increased demand for mental health and substance abuse social workers and substance abuse and behavior disorder counselors.
23-1011	Lawyers	541100	Legal services	A small decrease is expected as firms increasingly substitute relatively low cost paralegals for lawyers and law clerks.
		934300	Local government, excluding education and hospitals	A moderate increase is expected as demand for staff attorneys grows to handle the rising number of caseloads and to deal with a growing number of regulatory issues.
		933300	State government, excluding education and hospitals	A moderate increase is expected as demand for staff attorneys grows to handle the rising number of caseloads and to deal with a growing number of regulatory issues.
23-1023	Judges, magistrate judges, and magistrates	000001	All industries	A small decrease is expected as budget constraints cause a decrease in demand for these workers.
23-2011	Paralegals and legal assistants	000001	All industries	A small increase is expected as firms increasingly substitute relatively low cost paralegals for lawyers and law clerks.
23-2093	Title examiners, abstractors, and searchers	000001	All industries	A small decrease is expected as electronic databases improve productivity of these workers and tasks that were once handled by title examiners are now handled by paralegals.
25-2011	Preschool teachers, except special education	624400	Child day care services	A small increase is expected as these workers are preferred over child care workers with less training.
25-2041	Special education teachers, preschool, kindergarten, and elementary school	000001	All industries	A small increase is expected as the number of students receiving special education services grows.
25-4011	Archivists	712100	Museums, historical sites and similar institutions	A small decrease is expected as new archival processes increase productivity and limit the demand for additional workers.
25-4012	Curators	712100	Museums, historical sites and similar institutions	A small increase is expected due to the increasing number of small facilities which will improve demand for these workers.
25-4013	Museum technicians and conservators	000001	All industries	A small increase is expected as museum technicians are used to reduce costs.
25-4021	Librarians	519100	Other information services	A small decrease is expected as improved technology makes it easier for individuals to perform their own research, lessening demand for these workers.
		541100	Legal services	A small decrease is expected as improved technology makes it easier for individuals to perform their own research, lessening demand for these workers.
27-1011	Art directors	541800	Advertising, public relations and related services	A small increase is expected as art directors are increasingly being used to oversee projects in advertising.
27-1021	Commercial and industrial designers	541400	Specialized design services	A moderate increase is expected because many firms are hiring contractors from this industry rather than keeping fully staffed design departments.
27-1022	Fashion designers	424300	Apparel, piece goods, and notions merchant wholesalers	A moderate increase is expected as this industry becomes a more popular outlet for selling clothing and increasingly takes designers from other industries.
		315200	Cut and sew apparel manufacturing	A small increase is expected as fashion designers are unlikely to be offshored while many other occupations in this industry will be.
27-1023	Floral designers	445100	Grocery stores	A moderate increase is expected as grocery stores become a more popular place to sell flowers.
		424900	Miscellaneous nondurable goods merchant wholesalers	A moderate decrease is expected as retail florists buy flowers directly from growers rather than going through wholesalers.
27-1024	Graphic designers	541800	Advertising, public relations, and related services	A small increase is expected. As digital advertising grows, graphic designer's roles in this industry will grow as well.
		511110	Newspaper publishers	A moderate increase is expected as more graphic designers will be needed to work on webpages, which are becoming increasingly important to this industry.
27-1025	Interior designers	236100	Residential building construction	A small decrease is expected. As many interior designers move to the specialized design services industry, their employment will decrease in this industry.
27-1026	Merchandise displays and window trimmers	452100	Department Stores	A small decrease is expected since discount department stores will account for the most growth in this industry and they are less likely to employ these workers.
27-2012	Producers and directors	515120	Television broadcasting	A small decrease is expected due to consolidation of TV stations which will reduce management positions, such as producers and directors.
		515110	Radio broadcasting	A small increase is expected as new technology makes it easier to reduce other positions in radio, which will increase the ratio of this occupation.
27-2021	Athletes and sports competitors	713940	Fitness and recreational sports centers	A small decrease is expected due to a higher demand for fitness trainers and other workers compared to this occupation.
27-2022	Coaches and scouts	000001	All industries	A small increase is expected as the growing number of sports teams will increase the number of coaches needed and hired.
27-2023	Umpires, referees, and other sports officials	713940	Fitness and recreational sports centers	A small decrease is expected due to fewer officials being needed in comparison to fitness workers.
27-3011	Radio and television announcers	515110	Radio broadcasting	A small decrease is expected due to technological changes that increase productivity of radio announcers.
27-3021	Broadcast news analysts	515110	Radio broadcasting	A small decrease is expected due to technological changes that increase productivity of broadcast news analysts.
27-3022	Reporters and correspondents	515120	Television broadcasting	A small increase is expected because, to save money, reporters in the field are increasingly performing work previously performed by other workers.
		515110	Radio broadcasting	A small decrease is expected due to technology changes that increase productivity for reporters and correspondents.
27-3031	Public relations specialists	000001	All industries	A small increase is expected as globalization continues firms recognize the importance of good public relations.

27-3041	Editors	519100	Other information services	A small increase is expected. As information gathering and sharing operations become more disaggregated, news aggregators proliferate, and contract news sources expand, an increasing share of editors will be needed compared to the number of writers or correspondents.
		515120	Television broadcasting	A small increase is expected due to the increasing volume of information that is broadcast and the increasing share of information obtained from contract writers, whose work needs editing to ensure it complies with editorial and broadcast standards.
27-3043	Writers and authors	541800	Advertising, public relations, and related services	A small increase is expected as companies increasingly contract advertising or public relations firms to write and design information for a variety of electronic media and to develop corporate strategic or image-setting policies.
		515120	Television broadcasting	A small increase is expected due to the increase of scripted programming that employ, rather than contract, writers in an expanding cable television market.
		711500	Independent artists, writers, and performers	A small increase is expected due to the increasing numbers of freelance writers who incorporate their business.
27-3091	Interpreters and translators	000001	All industries	A small increase is expected as the growing number of immigrants will lead to increased demand for these workers.
27-3099	All other media and communication workers	515120	Television broadcasting	A small increase is expected due to productivity increases reducing the need for other occupations in this industry giving this occupation a larger share of employment.
27-4011	Audio and video equipment technicians	532200	Consumer goods rental	A small increase is expected as individuals increase their use of AV equipment, more technicians will be needed to maintain it.
27-4012	Broadcast technicians	515120	Television broadcasting	A small decrease is expected as productivity increases and station consolidation, lessen demand for these workers.
27-4014	Sound engineering technicians	515120	Television broadcasting	A small increase is expected due as productivity increases reduces the need for other occupations in this industry giving this occupation a larger share of employment.
27-4031	Camera operators, television, video, and motion picture	515120	Television broadcasting	A small decrease is expected the use of automated cameras increases, reducing demand for these workers.
27-4032	Film and video editors	515120	Television broadcasting	A small decrease is expected as the work of editors is increasingly being done by other occupations in this industry, such as reporters, producers or camera operators.
29-1021	Dentists, general	621200	Offices of dentists	A small decrease is expected as dentists continue to hire more dental assistants and dental hygienists to help them perform routine tasks.
29-1022	Oral and maxillofacial surgeons	621200	Offices of dentists	A small decrease is expected as dentists continue to hire more dental assistants and dental hygienists to help them perform routine tasks.
29-1023	Orthodontists	621200	Offices of dentists	A small decrease is expected as the increasing number of dental assistants and dental hygienists will reduce the share of orthodontists.
29-1031	Dietitians and nutritionists	623100	Nursing care facilities	A moderate decrease is expected as these facilities contract out dietitian services. In addition, nursing facilities are likely to increase the use of dietetic technicians to replace dietitians.
		934300	Local government, excluding education and hospitals	A small decrease is expected as facilities will continue to contract out these services.
29-1041	Optometrists	621320	Offices of optometrists	A small increase is as a greater number of optometrists are needed to examine a growing number of serious vision problems, such as macular degeneration, glaucoma, and cataracts for the aging population. Growing incidences of hypertension and diabetes will also require a greater number and more frequent exams by optometrists.
29-1051	Pharmacists	454100	Electronic shopping and mail-order houses	A large increase is expected as mail-order pharmacies fill an increasing proportion of all prescriptions.
		621100	Offices of physicians	A very large increase as more pharmacists will be needed in drug management and patient care roles.
29-1071	Physician assistants	621100	Offices of physicians	A small increase is expected as physician assistants are increasingly used in place of higher paid healthcare workers when appropriate.
		931100	Federal government, excluding postal service	A small increase is expected as physician assistants are increasingly used in place of higher paid healthcare workers when appropriate.
29-1081	Podiatrists	621390	Offices of other health care practitioners	A moderate decrease is expected due to the lack of insurance coverage for podiatric medicine services.
		621100	Offices of physicians	A moderate decrease is expected due to the lack of insurance coverage for podiatric medicine services.
29-1111	Registered nurses	621100	Offices of physicians	A small increase is expected as registered nurses are increasingly performing tasks of higher paid workers when appropriate in order to contain costs.
		621600	Home health care services	A small decrease is expected as registered nurses are being replaced by lower skill, lower paid workers to contain costs when appropriate.
		934300	Local government, excluding education and hospitals	A small increase is expected as registered nurses are increasingly performing tasks of higher paid workers when appropriate in order to contain costs.
		933300	State government, excluding education and hospitals	A small increase is expected as registered nurses are increasingly performing tasks of higher paid workers when appropriate in order to contain costs.
29-1124	Radiation therapists	000001	All industries	A small increase is expected as radiation therapy is prescribed for an increasing number of patients.
29-1126	Respiratory therapists	623100	Nursing care facilities	A small increase is expected as a growing number of elderly with cardiac and pulmonary problems will be housed in nursing care facilities.
		532200	Consumer goods rental	A moderate increase is expected as demand for home health services, particularly oxygen equipment and other breathing aids, will grow with the aging population.
29-1127	Speech-language pathologists	621600	Home health care services	A small decrease is expected as staffing patterns in this industry suggests that some higher skilled higher paid workers are being replaced by lower skill lower paid workers where appropriate.
		624120	Services for the elderly and persons with disabilities	A small decrease is expected as staffing patterns in this industry suggests that some higher skilled higher paid workers are being replaced by lower skill lower paid workers where appropriate.
29-2011	Medical and clinical laboratory technologists	621500	Medical and diagnostic laboratories	A moderate increase is expected as more hospitals and offices of physicians outsource services performed by medical and clinical laboratory technologists' to the medical and diagnostic laboratories industry.
		621100	Offices of physicians	A small decrease is expected due to physicians' offices outsourcing to medical and diagnostic laboratories.

		621990	All other ambulatory health care services	A moderate increase is expected as blood banks are a growing proportion of all other ambulatory health care services.
29-2012	Medical and clinical laboratory technicians	621500	Medical and diagnostic laboratories	A moderate increase is expected as more hospitals and offices of physicians outsource services performed by medical and clinical laboratory technologists' to the medical and diagnostic laboratories industry.
		621100	Offices of physicians	A small decrease is expected due to physicians' offices outsourcing to medical and diagnostic laboratories.
		621990	All other ambulatory health care services	A moderate increase is expected as blood banks are a growing proportion of all other ambulatory health care services.
29-2021	Dental hygienists	621200	Offices of dentists	A small increase is expected as dentists will continue to hire more hygienists to handle routine tasks, allowing the dentist to treat more patients and handle more demanding tasks.
29-2031	Cardiovascular technologists and technicians	000001	All industries	A small increase is expected as more cardiovascular techs will be needed in all industries because heart disease will increase in incidence relative to other ailments due to the aging population and prominence of obesity.
29-2052	Pharmacy technicians	000001, except: 452100 454100 621100	All industries, except: department stores; electronic shopping and mail-order houses; offices of physicians	A small increase is expected because pharmacy technicians will be needed at increasing rates to meet the growing demand for prescription drugs.
		454100	Electronic shopping and mail-order houses	A very large increase is expected as organizations in this industry fill a growing proportion of all prescriptions.
		621100	Offices of physicians	A very large increase is expected as organizations in this industry fill a growing proportion of all prescriptions.
29-2054	Respiratory therapy technicians	000001	All industries	A small decrease is expected as respiratory care is becoming less technical and more focused on direct patient care, provided by respiratory therapists.
29-2055	Surgical technologists	621100	Offices of physicians	A small increase is expected as cost-effective surgical technologists replace nurses in the operating room.
29-2061	Licensed practical and licensed vocational nurses	621600	Home health care services	A small decrease is expected as staffing patterns suggest that LPNs may be replaced by lower skilled, lower paid workers in this industry whenever appropriate.
29-2071	Medical records and health information technicians	621600	Home health care services	A small decrease is expected as staffing patterns suggest that health record techs may be replaced by lower skilled lower paid workers whenever applicable in this industry.
		541200	Accounting, tax preparation, bookkeeping, and payroll services	A small decrease is expected as staffing patterns suggest that health record techs may be replaced by lower skilled lower paid workers whenever applicable in this industry.
29-2081	Opticians, dispensing	621320	Offices of optometrists	A small decrease is expected because demand for simple optometric care will not increase as rapidly as demand for other, more intensive, vision care as the population ages.
		452900	Other general merchandise stores	A small increase is expected as many retail stores continue to expand their scope of services by opening vision care centers. Also, demand for low-cost vision care continues to grow faster than demand for other retail services.
		452100	Department stores	A small increase is expected as many retail stores continue to expand their scope of services by opening vision care centers. Also, demand for low-cost vision care continues to grow faster than demand for other retail services.
29-9091	Athletic trainers	713940	Fitness and recreational sports centers	A small increase is expected as athletic trainers will be used more as an alternative to other health professionals as people look to lower costs.
		621340	Offices of physical, occupational, and speech therapists and audiologists	A moderate increase is expected as athletic trainers will be used more as an alternative to other health professionals as people look to lower costs.
31-1011	Home health aides	621600	Home health care services	A small increase is expected as individuals prefer to stay in their homes than in residential care facilities.
		623210	Residential mental retardation facilities	A small increase is expected as individuals prefer to stay in their homes than in residential care facilities.
		623300	Community care facilities for the elderly	A moderate increase is expected as individuals prefer to stay in their homes than in residential care facilities.
		624120	Services for the elderly and persons with disabilities	A small increase is expected as individuals prefer to stay in their homes than in residential care facilities.
		623100	Nursing care facilities	A moderate increase is expected as individuals prefer to stay in their homes than in residential care facilities.
		623900	Other residential care facilities	A moderate increase is expected as individuals prefer to stay in their homes than in residential care facilities.
		623220	Residential mental health and substance abuse facilities	A moderate increase is expected as individuals prefer to stay in their homes than in residential care facilities.
934300	Local government, excluding education and hospitals	A small increase is expected as individuals prefer to stay in their homes than in residential care facilities.		
31-9011	Massage therapists	812100	Personal care services	A small increase is expected due to an increasing number of dedicated massage clinics in the personal care services industry.
		621310	Offices of chiropractors	A small increase is expected as massage therapy and bodywork is being integrated into wellness treatments.
		721110,90,300	Hotels (except casino), motels, and all other traveler accommodation	A small increase is expected as more hotels are expected to offer massage therapy services.
		713940	Fitness and recreational sports centers	A small decrease is expected as fewer sports centers employ massage therapists.
		621390	Offices of all other health practitioners	A small increase is expected as massage therapy and bodywork is being integrated into wellness treatments.
31-9091	Dental assistants	621200	Offices of dentists	A small increase is expected as dentists increasingly hire dental assistants and delegate easier tasks to them, allowing the dentists to treat more patients and spend time on more complex tasks.
31-9093	Medical equipment preparers	621200	Offices of dentists	A small decrease is expected as preparers are replaced by workers who are able to perform a number of tasks beyond and including preparing medical equipment.
31-9094	Medical transcriptionists	621100	Offices of physicians	A small decrease is expected as more physicians contract out transcription work overseas and invest in speech-recognition technology that allows for the nearly real-time dissemination of medical reports and charts.

		621500	Medical and diagnostic laboratories	A small decrease is expected as more physicians contract out transcription work overseas and invest in speech-recognition technology that allows for the nearly real-time dissemination of medical reports and charts.
31-9095	Pharmacy aides	000001	All industries	A moderate decrease across all industries is expected as the job duties of these workers are increasingly handled by pharmacy technicians.
31-9096	Veterinary assistants and laboratory animal caretakers	541940	Veterinary services	A small decrease is expected as veterinarians in private practice increasingly prefer the help of technicians and technologists over less skilled veterinary assistants.
33-1011	First-line supervisors/managers of correctional officers	561200	Facilities support services	A small decrease is expected as slowing growth of prisons will reduce the ratio of corrections managers.
33-2011	Fire fighters	934300	Local government, excluding education and hospitals	A small increase is expected as the increased demand for services will lead to the transfer of volunteer fire fighter units to mixed and full time units.
		931100	Federal government, excluding postal service	A small increase is expected as fire problems in the West will increase the demand for fire fighters.
33-3021	Detectives and criminal investigators	931100	Federal government, excluding postal service	A moderate increase is expected due to security concerns and work related to new crimes falling under Federal jurisdiction.
33-3041	Parking enforcement workers	000001	All industries	A small decrease is expected as new parking enforcement techniques make attendants more efficient.
33-9021	Private detectives and investigators	000001	All industries	A small increase is expected due to an increasing number of personal crimes and a need for more background checks.
33-9091	Crossing guards	561900	Other support services	A small increase is expected due to the outsourcing of crossing guard duties.
33-9092	Lifeguards, ski patrol, and other recreational protective service workers	713940	Fitness and recreational sports centers	A small decrease is expected as fitness centers focus on hiring other workers and smaller facilities do not have need of these workers.
		713100	Amusement parks and arcades	A small increase is expected as more amusement parks have water attractions require lifeguards.
		721110,90,300	Hotels (except casino), motels, and all other traveler accommodation	A small increase is expected as more hotels are built with indoor water parks that need lifeguards.
33-9099	Protective service workers, all other	933300	State government, excluding education and hospitals	A small decrease is expected due to outsourcing of protective services.
		452100	Department Stores	A small decrease is expected due to increased productivity from an increase in the use of video security systems.
35-1011	Chefs and head cooks	722100	Full-service restaurants	A small decrease is expected as corporate consolidation moves higher level chefs out of outlet level establishments and into regional or corporate facilities and as dining preferences become more casual requiring lesser skilled cooks to do the cooking.
		721110,90,300	Hotels (except casino), motels, and all other traveler accommodation	A small decrease is expected as corporate consolidation moves higher level chefs out of outlet level establishments and into regional or corporate facilities and as dining preferences become more casual requiring lesser skilled cooks to do the cooking.
		722200	Limited-service eating places	A moderate decrease is expected as quick-service operations expand the number of locations to fill customer needs and hire cooks and counter workers to staff outlets but will not need to hire additional corporate-level chefs.
		721120	Casino hotels	A small increase is expected as casinos increasingly promote non-gaming operations, such as food, entertainment, and convention services, to attract a more diverse type of patron. New chefs or head cooks will be hired to develop destination restaurants, enhance convention food services, and expand food service operations in casino hotels in lieu of expanding gaming operations.
		713940	Fitness and recreational sports centers	A small decrease is expected as the proportion of chefs needed to oversee larger or expanding operations will decrease compared to the numbers or share of counter attendants, trainers, and nutritionists needed to serve an expanding customer base.
		722400	Drinking places (alcoholic beverages)	A small decrease is expected as the industry contracts or outlets shift their focus to food or entertainment (and thus to other industries) a higher proportion of these highly paid chefs similarly will shift to other industries or decrease.
		722300	Special food services	A small increase is expected as contract food service operations expand their businesses or engage in management-only contracts to provide administrative guidance and staff supervision to institutional food service providers, a greater number of supervisors will be needed to oversee staff employed in other industries.
35-1012	First-line supervisors/managers of food preparation and serving workers	445100	Grocery stores	A small increase is expected as grocery stores expand prepared food operations supervisors will be hired first to set up cooking stations and train staff. High turnover among the lower-paid cooking and preparation workers will ensure increasing ratios will be sustained while stores try to fill these lower level vacancies.
		722400	Drinking places (alcoholic beverages)	A small decrease is expected as establishments typically are small and do not produce the high volumes of food that larger operations require resulting in fewer and declining layers of supervision needed.
		722300	Special food services	A small increase is expected as the number of institutions (schools and hospitals) that contract out food services to this industry, the proportion of these cooks should increase to meet demands of additional business.
35-2011	Cooks, fast food	722100	Full-service restaurants	A small decrease is expected as this occupation is not common in full-service restaurants; its ratios should decrease as restaurants focus on their core business.
		447100	Gasoline stations	A small increase is expected as consumers continue to demand the convenience of one-stop shopping, gasoline stations with convenience stores will continue to expand food service options to include pizza and burgers at a drive-thru window in addition to pre-packaged staples. Coupled with a decline in the number of service station attendants needed to monitor gasoline purchases, the share of fast-food cooks should increase.
35-2012	Cooks, institution and cafeteria	722300	Special food services	A small increase is expected as the number of institutions (schools and hospitals) that contract out food services to this industry, the proportion of these cooks should increase to meet demands of additional business.
		623300	Community care facilities for the elderly	A small increase is expected as more of these facilities place increasing importance on the quality of food service and hire a greater proportion of these workers compared to those employed to provide social or medical services.
		624120	Services for the elderly and persons with disabilities	A moderate decrease is expected as this is a social services industry that provides non-medical care rather than residential and food services; therefore, the share of these cooks will decrease compared to share of social workers.
35-2014	Cooks, restaurant	722200	Limited-service eating places	A small decrease is expected as the share of cafeteria and institution cooks increases.

		721120	Casino hotels	A small increase is expected as casino hotels increasingly offer sophisticated food and entertainment family-friendly options to patrons, the proportion of restaurant cooks will increase compared to employment in gaming operations.
35-2015	Cooks, short order	722100	Full-service restaurants	A small decrease is expected as full-service restaurants concentrate on providing made-to-order menu items and offering a complete dining experience, rather than quick dinners .
		722200	Limited-service eating places	A small decrease is expected as industry growth will occur in fast-food and sandwich outlets that do not employ short-order cooks.
		722400	Drinking places (alcoholic beverages)	A small increase is expected as outlets that specialize in serving alcoholic beverages increasingly employ these lower paid cooks to provide simple, quick-to-prepare and easy-to-eat "bar food."
		447100	Gasoline stations	A small decrease is expected as gasoline station convenience stores and food marts are growing faster than truck stops; therefore, the need for cooks to prepare made-to-order items will decrease relative to the levels of cooks who prepare grab-and-go or fast-food items.
		722300	Special food services	A small increase is expected as contract food service operators who provide concessions at sports arenas, entertainment centers, and university food service outlets grow faster than the full-service segment of contract operations who generally employ higher skilled restaurant cooks and chefs.
		813400	Civic and social organizations	A small increase is expected as organizations increasingly use food services for their social functions and promote membership benefits, increasing demand for these workers.
35-2019	Cooks, all other	722300	Special food services	A small increase is expected as cooks increasingly perform multiple cooking tasks and as distinctions among types of cooks become blurred.
		721110,90,300	Hotels (except casino), motels, and all other traveler accommodation	A small increase is expected as cooks increasingly perform multiple cooking tasks and as distinctions among types of cooks become blurred.
35-2021	Food preparation workers	722200	Limited-service eating places	A small decrease is expected as an increasing share of outlets purchase ingredients from wholesalers or manufacturers in ready-to-cook condition.
		445100	Grocery stores	A small increase is expected as grocery stores continue to expand food and salad bar offerings to meet consumer demand for quick and convenient meals.
		623100	Nursing care facilities	A small decrease is expected as institutional kitchens increasingly buy pre-washed or factory prepared ingredients, decreasing the need for these workers in favor of cooks needed to prepare meals for meal service.
		623300	Community care facilities for the elderly	A small decrease is expected as an increasing share of facilities purchase ingredients from wholesalers or manufacturers in ready-to-cook condition.
		721110,90,300	Hotels (except casino), motels, and all other traveler accommodation	A small decrease is expected as hotels increasingly shed food service operations--either contracting them out or turning to more casual or limited service options--a declining share of these workers will be needed to prepare food for full-service kitchens.
		445200	Specialty food stores	A small increase is expected as these retailers will employ a greater share of food preparation workers to prepare and display food items for store sales and promotions compared to the number of sales clerks or chefs needed to execute sales transactions or design recipes.
		447100	Gasoline stations	A small decrease is expected as the share of gasoline stations that serve food purchased in pre-packaged or ready-to-cook condition grows, a declining share of these workers will be needed to prepare food for cooking.
35-3011	Bartenders	722400	Drinking places (alcoholic beverages)	A small increase is expected as bars and clubs, especially those with entertainment, often have limited dining options and hours, therefore are increasing staffing for bartenders to expand their drink business.
		813400	Civic and social organizations	A small increase is expected as these organizations are expanding their beverage services to members as a way of promoting organizational services and attracting new members.
		721110,90,300	Hotels (except casino), motels, and all other traveler accommodation	A small decrease is expected as hotels continue the trend of contracting out food and beverage services or eliminating them entirely reducing the share of employment of bartenders.
		722200	Limited-service eating places	A small decrease is expected as bartenders represent a small and declining share of industry employment as limited service outlets increasingly focus on quick food service and orders to go.
		721120	Casino hotels	A small increase is expected as casino hotels are expanding the number and types of non-gaming activities they provide, including adding multiple types of bars and lounges to appeal to a more diverse type of patron.
35-3021	Combined food preparation and serving workers, including fast food	722200	Limited-service eating places	A small increase is expected as fast-food restaurants expand hours and consolidate management and administration, the share of these workers will increase to meet customer demand for quick, anytime meals.
		722100	Full-service restaurants	A small decrease is expected as full-service restaurants concentrate their business on providing a full-service dining experience and using cooks to prepare buffet or food bar items rather than these workers.
		445100	Grocery stores	A small increase is expected as grocery stores expand their prepared foods departments they will increasingly employ a larger share of these workers to meet growing consumer demand for quick and convenient meal options.
		447100	Gasoline stations	A small increase is expected as gasoline stations increasingly add one-stop services, such as grocery and convenience items.
35-3022	Counter attendants, cafeteria, food concession, and coffee shop	722300	Special food services	A moderate increase is expected as contract food operations expand their concession business at sports complexes, convention centers, and universities to meet increasing demand for quick and convenient prepared foods.
		722100	Full-service restaurants	A small decrease is expected as these duties typically are performed by bartenders or hosts and hostesses in these establishments.
		713940	Fitness and recreational sports centers	A small decrease is expected as fitness facilities cut costs to keep rates competitive, a larger share of labor cuts will come from non-core business activities, such as food services.
		713100	Amusement parks and arcades	A small increase is expected as facilities in this industry expand the number of food cart or satellite meal stations on their premises, the share of these workers needed to staff them will increase.
35-3031	Waiters and waitresses	722200	Limited-service eating places	A moderate decrease is expected as outlets focus growth in other occupations, such as counter attendants and fast-food workers.
		722400	Drinking places (alcoholic beverages)	A small decrease is expected as these workers are more typical of food service establishments than drinking establishments; therefore, their share of employment is expected to decrease relative to bartenders and bartender helpers.

		722300	Special food services	A small decrease is expected as establishments in this industry generally do not provide table service, but rather serve diners at concession stands or counters; therefore their share of servers will decrease in favor of counter attendants and other limited-service occupations.
		721120	Casino hotels	A small increase is expected as these properties diversify food service operations to cater to a wider range of tastes and dining experiences, servers will gain a larger share of employment compared to gaming occupations.
35-3041	Food servers, nonrestaurant	722200	Limited-service eating places	A small decrease is expected as industry employment is growing faster among fast-food places compared to buffets or cafeterias that might employ these workers.
35-9011	Dining room and cafeteria attendants and bartender helpers	722200	Limited-service eating places	A moderate decrease is expected as fast-food and other limited-service eateries increase their use of throw-away containers and expect diners to do their own bussing of tables.
		722300	Special food services	A small increase is expected by caterers and concessionaires, who typically operate high-volume businesses in well-defined and high traffic areas, such as sports complexes and convention halls, that require frequent turnover and replenishing of supplies.
		722400	Drinking places (alcoholic beverages)	A small increase is expected as bars and other liquor-serving establishments generally have high turnover of glassware and bar ingredients; therefore their share of employment is expected to increase to keep the bar and bartenders adequately supplied.
35-9021	Dishwashers	722100	Full-service restaurants	A small increase is expected. As these establishments increasingly purchase pre-portioned and pre-seasoned products that require fewer kitchen workers to prepare, dishwashers will see an increased share of employment.
		722200	Limited-service eating places	A moderate decline is expected as these establishments increasingly offer pre-packaged to-go meals, which generally require fewer dishwashers.
		721110,90,300	Hotels (except casino), motels, and all other traveler accommodation	A small decline is expected as hotel food service operations increasingly become more casual or are contracted out.
		722300	Special food services	A small decline is expected as contract and catering operations increasingly focus on casual and mobile food service, which generally requires fewer dishwashers.
		623300	Community care facilities for the elderly	A small decline is expected as dishwashing machines become larger and more powerful, increasing the productivity of this occupation.
		722400	Drinking places (alcoholic beverages)	A small decline is expected as these establishments increasingly use disposable products rather than those that need washing.
35-9031	Hosts and hostesses, restaurant, lounge, and coffee shop	721110,90,300	Hotels (except casino), motels, and all other traveler accommodation	A small decline is expected as consumers increasingly prefer more casual and more mobile dining options.
		722200	Limited-service eating places	A small decline is expected as consumers increasingly prefer more casual and more mobile dining options.
		722400	Drinking places (alcoholic beverages)	A small decline is expected as consumers increasingly prefer more casual and more mobile dining options.
35-9099	Food preparation and serving related workers, all other	722100	Full-service restaurants	A moderate decrease is expected as the tasks performed by this occupation are increasingly performed by other workers.
		445100	Grocery stores	A moderate decrease is expected as the tasks performed by this occupation are increasingly performed by other workers.
		722200	Limited-service eating places	A moderate decrease is expected as the tasks performed by this occupation are increasingly performed by other workers.
		721110,90,300	Hotels (except casino), motels, and all other traveler accommodation	A small decrease is expected as the tasks performed by this occupation are increasingly performed by other workers.
		722300	Special food services	A small decrease is expected as the tasks performed by this occupation are increasingly performed by other workers.
37-1011	First-line supervisors/managers of housekeeping and janitorial workers	623100	Nursing care facilities	A small decrease is expected as janitorial and maid services are increasingly outsourced.
		934300	Local government, excluding education and hospitals	A small decrease is expected as janitorial and maid services are increasingly outsourced.
		623300	Community care facilities for the elderly	A small decrease is expected as janitorial and maid services are increasingly outsourced.
		531100	Lessors of real estate	A small decrease is expected as janitorial and maid services are increasingly outsourced.
37-1012	First-line supervisors/managers of landscaping, lawn service, and groundskeeping workers	934300	Local government, excluding education and hospitals	A small increase is expected as municipalities plant an increasing number of trees in urban areas.
37-2011	Janitors and cleaners, except maids and housekeeping cleaners	934300	Local government, excluding education and hospitals	A small decrease is expected as organizations in this industry increasingly outsource janitorial services.
		531100	Lessors of real estate	A small decrease is expected as organizations in this industry increasingly outsource janitorial services.
		531300	Activities related to real estate	A small decrease is expected as organizations in this industry increasingly outsource janitorial services.
37-2012	Maids and housekeeping cleaners	623100	Nursing care facilities	A moderate decrease is expected as maid services are increasingly outsourced.
		623300	Community care facilities for the elderly	A moderate decrease is expected as maid services are increasingly outsourced.
37-3011	Landscaping and groundskeeping workers	812200	Death care services	A small decrease is expected as alternative death care services become increasingly common.
37-3012	Pesticide handlers, sprayers, and applicators, vegetation	561710	Exterminating and pest control services	A small increase is expected as organizations in this industry diversify their service offerings, leading to greater involvement in pest control of vegetation.
37-3013	Tree trimmers and pruners	934300	Local government, excluding education and hospitals	A large increase is expected as municipalities plant an increasing number of trees in urban areas.
39-1011	Gaming supervisors	934300	Local government, excluding education and hospitals	A small increase is expected as local governments increasingly offer gaming services.

39-1012	Slot key persons	713200	Gambling industries	A moderate decrease is expected as increased used of cashless machines and computerized machines will decrease the need for these workers.
39-1021	First-line supervisors/managers of personal service workers	713940	Fitness and recreational sports centers	A small increase is expected as increases in personal care service workers requires additional supervisory workers in this industry.
		623210	Residential mental retardation facilities	A moderate decrease is expected as an indirect result of increases in home health aides.
39-2011	Animal trainers	711200	Spectator sports	A small increase is expected as animal trainers, such as mammal, horse, and dog are increasingly being utilized in sporting venues like dog shows and equestrian races.
		453900	Other miscellaneous store retailers	A moderate increase is expected pet supply retailers increasingly offer animal training and obedience services.
39-2021	Nonfarm animal caretakers	812900	Other personal services	A small increase is expected as pet care services such as day care, grooming, kennel attending, and dog walking, become more popular.
		453900	Other miscellaneous store retailers	A moderate increase is expected as pet supply retailers offer a wider array of services, such as daycare, grooming, and pet obedience services.
39-3011	Gaming dealers	934300	Local government, excluding education and hospitals	A moderate increase is expected as local governments increasingly offer gaming services.
		711200	Spectator sports	A moderate increase is expected as a growing share of racetracks offer casino gaming services.
39-3021	Motion picture projectionists	1	All industries	A small decline is expected as more movie theaters install digital screens.
39-3091	Amusement and recreation attendants	713940	Fitness and recreational sports centers	A small increase is expected as fitness centers expand their service offerings.
39-3092	Costume attendants	721110,90,300	Hotels (except casino), motels, and all other traveler accommodation	A small increase is expected as hotels provide more recreational services to customers.
39-5011	Barbers	812100	Personal care services	A moderate decrease is expected as the work of barbers is increasingly performed by hairdressers, hairstylists, and cosmetologists.
39-5092	Manicurists and pedicurists	812100	Personal care services	A small decrease is expected because establishments providing other personal care services are growing faster than those offering manicures and pedicures.
39-5093	Shampooers	812100	Personal care services	A small decrease is expected as the work of shampooers is increasingly performed by other personal care workers.
39-5094	Skin care specialists	812100	Personal care services	A moderate increase is expected as skin care establishments expand faster than the industry as a whole.
		621100	Offices of physicians	A small increase is expected as more doctors, primarily those involved in cosmetic procedures, are expected to employ skin care specialists.
39-6011	Baggage porters and bellhops	488100	Support activities for air transportation	A small increase is expected as enhanced airport security measures and a increase in air travel will result in an increased demand for these workers at airports.
39-6012	Concierges	721110,90,300	Hotels (except casino), motels, and all other traveler accommodation	A small increase is expected as full-service and convention hotels that specialize in providing guest services will devote more resources to customer service.
39-6032	Transportation attendants, except flight attendants and baggage porters	485400	School and employee bus transportation	A small decrease is expected as cost-cutting organizations eliminate perks such as employee shuttle services.
39-9021	Personal and home care aides	624120	Services for the elderly and persons with disabilities	A small increase is expected as home care gains favor over care in residential facilities.
39-9031	Fitness trainers and aerobics instructors	713940	Fitness and recreational sports centers	A small increase is expected as more trainers are hired to cover the wide variety of specialty courses that are in demand.
39-9032	Recreation workers	623100	Nursing care facilities	A moderate increase is expected as demand for recreation activities increase among older persons.
		623300	Community care facilities for the elderly	A moderate increase is expected as demand for recreation activities increase among older persons.
41-2011	Cashiers, except gaming	452100	Department stores	A small increase is expected as discount department stores, which have a higher concentration of cashiers than the other parts of this industry, gain a larger share of employment.
		722200	Limited-service eating places	A small decrease is expected as the duties of this occupation are increasingly performed by other workers.
		444100	Building material and supplies dealers	A small decrease is expected as self-checkout technology becomes more popular.
41-2012	Gaming change persons and booth cashiers	000001	All industries	Moderate decrease across all industries as the increasing use of cashless slot machines and self-service cashout machines greatly reduces the need for these employees.
41-2021	Counter and rental clerks	532200	Consumer goods rental	A small decrease is expected as consumers increasingly use self-serve checkout options.
		532100	Automotive equipment rental and leasing	A small increase is expected as businesses continue to strive towards improving customer service.
		531300	Activities related to real estate	A small increase is expected as businesses continue to strive towards improving customer service.
		713940	Fitness and recreational sports centers	A small decrease is expected as consumers increasingly use self-serve options.
41-2031	Retail salespersons	445100	Grocery stores	A small increase is expected as these establishments sell a wider range of products and devote more resources to customer service.
41-3011	Advertising sales agents	541800	Advertising, public relations, and related services	A moderate increase is expected as new forms of technology will lead to increased opportunities to sell ad space, requiring more sales agents.
41-3021	Insurance sales agents	524210	Insurance agencies and brokerages	A small increase is expected. As the result of consolidation in this industry, these workers will see an increased share of employment.
41-4011	Sales representatives, wholesale and manufacturing, technical and	334500	Navigational, measuring, electromedical, and control instruments manufacturing	A small decrease is expected as this industry continues to outsource the duties of these workers.
		325400	Pharmaceutical and medicine manufacturing	A small decrease is expected as this industry continues to outsource the duties of these workers.
41-9041	Telemarketers	000001	All industries	A moderate decrease is expected as organizations devote fewer resources to telemarketing and as jobs are offshored.

43-2011	Switchboard operators, including answering service	000001	All industries	A moderate decrease is expected as advances in technology, such as voice recognition technology and Internet directory assistance services; the movement of jobs to foreign countries; the proliferation of cell phones; and consolidation of telephone operator jobs into fewer locations reduce demand for these workers.
43-3011	Bill and account collectors	541200	Accounting, tax preparation, bookkeeping, and payroll services	A small increase is expected as organizations bring call center operations back to the U.S.
43-3021	Billing and posting clerks and machine operators	621100	Offices of physicians	A small decrease is expected the duties of these workers are outsourced to other industries.
		541200	Accounting, tax preparation, bookkeeping, and payroll services	A moderate increase is expected as organizations outsource their billing functions to this industry.
		621200	Offices of dentists	A small decrease is expected as the duties of these workers are increasingly automated.
		561100	Office administrative services	A small increase is expected as organizations outsource their billing functions to this industry.
43-3041	Gaming cage workers	000001	All industries	A moderate decrease is expected as increased use of cashless slot machines and self-service cashout machines greatly reduces the need for these employees.
43-3051	Payroll and timekeeping clerks	000001	All industries	A moderate decrease is expected as organizations outsource payroll operations or adopt electronic, automated systems.
43-4011	Brokerage clerks	000001	All industries	A small decrease is expected across all industries as a result of financial industry consolidation and increased automation of securities transactions through electronic networks.
43-4021	Correspondence clerks	000001	All industries	A moderate decrease is expected as automation continues to reduce the need for these workers and as their duties increasingly are handled by other occupations.
43-4041	Credit authorizers, checkers, and clerks	000001 except: 561300	All industries except: employment services	A small decrease is expected as the duties of this occupation are automated.
		561300	Employment services	A large increase is expected as organizations are increasingly requiring that new and prospective employees be subject to credit checks.
43-4051	Customer service representatives	000001 except: 522100 524210 541500 522300	All industries except: depository credit intermediation, insurance agencies and brokerages, computer systems design and related services, activities related to credit intermediation	A small increase is expected as firms emphasize good customer service to improve customer retention.
43-4071	File clerks	000001	All industries	A large decrease is expected as the growing use of electronic files will continue to lead to large workload declines.
43-4081	Hotel, motel, and resort desk clerks	721110,90,300	Hotels (except casino), motels, and all other traveler accommodation	A small increase is expected. As hotels become smaller, consolidate staff, or contract out or eliminate services, the proportion of desk clerks will increase because their work cannot be reduced similarly.
43-4111	Interviewers, except eligibility and loan	541720	Research and development in the social sciences and humanities	A small decrease is expected as more opinion polling and market research is conducted online.
43-4131	Loan interviewers and clerks	522300	Activities related to credit intermediation	A small decrease is expected as more loan applications are completed online.
		524120	Direct insurance (except life, health, and medical) carriers	A small decrease is expected as more loan applications are completed online.
		531300	Activities related to real estate	A small decrease is expected as more loan applications are completed online.
		000001	All industries	A small decrease is expected as some of the duties of these workers are assumed by other occupations.
43-4151	Order clerks	000001	All industries	A large decrease is expected as the duties of these workers are increasingly automated.
43-4161	Human resources assistants, except payroll and timekeeping	000001	All industries	A small decrease is expected as advances in software lead to efficiency gains, and as an increased use of employee self-service options reduces demand for these workers.
43-4199	Information and record clerks, all other	000001	All industries	A moderate decrease is expected as work processes are automated, and as records and information are stored electronically.
43-5011	Cargo and freight agents	488500	Freight transportation arrangement	A moderate increase is expected as many firms reduce inventories in favor a "just-in-time" business model.
		481100	Scheduled air transportation	A moderate increase is expected as many shippers demand expedited service.
43-5021	Couriers and messengers	000001 except: 492200 621500	All industries except: local messengers and local delivery, medical and diagnostic laboratories	A small decrease is expected due to increases in efficiency and a growing acceptance of electronic signatures.
		621500	Medical and diagnostic laboratories	A small increase is expected as medical and diagnostic laboratories increasingly provide pick-up services rather than require that medical providers deliver supplies.
43-5031	Police, fire, and ambulance dispatchers	934300	Local government, excluding education and hospitals	A small increase is expected as the aging U.S. population requires more emergency services.
43-5032	Dispatchers, except police, fire, and ambulance	000001 except: 238210	All industries except: electrical contractors and other wiring installation contractors	A small to moderate decrease is expected as technological advances lead to an increase in productivity, reducing demand for these workers.
43-5041	Meter readers, utilities	000001	All industries	A moderate decrease is expected. The use of Automated Meter Reading (AMR) technology will increase efficiency, reducing demand for these workers.
43-5051	Postal service clerks	491100	Postal service	A small decrease is expected as the U.S. Postal Service closes a portion of its post office locations.
43-5052	Postal service mail carriers	491100	Postal service	A small increase is expected as the duties of this occupation will make it harder to cut than other postal occupations as the USPS reorganizes.

43-5053	Postal service mail sorters, processors, and processing machine operators	491100	Postal service	A moderate decrease is expected as new, productivity enhancing machines are adopted, and as some of the duties of these workers are contracted out.
43-5071	Shipping, receiving, and traffic clerks	000001 except: 452100	All industries except: department stores	A small decrease is expected as advances in communications, database, and tracking technology will lower demand for these workers.
		452100	Department stores	A moderate decrease is expected as advances in communications, database, and tracking technology will lower demand for these workers.
43-5081	Stock clerks and order fillers	452100	Department stores	A small increase is expected. As stores consolidate staff and resources where possible, the share of stock clerks will increase, because their work cannot be consolidated as easily.
		448100	Clothing stores	A small increase is expected. As stores consolidate staff and resources where possible, the share of stock clerks will increase, because their work cannot be consolidated as easily.
		424400	Grocery and related product merchant wholesalers	A small increase is expected. As inventories and warehouse space grow, a larger share of these workers will be needed to handle the increased capacity.
		425100	Wholesale electronic markets and agents and brokers	A small increase is expected. Businesses increasingly use these brokers/wholesalers to arrange purchases of complex electronics from multiple sources to ensure that components can be integrated, thus generating more business and increasing the flow of inventory that these workers handle.
43-5111	Weighers, measurers, checkers, and samplers, recordkeeping	000001 except: 493100	All industries except: warehousing and storage	A moderate decrease is expected as the use of RFID technology increases productivity and automates some of the tasks of these workers.
43-6011	Executive secretaries and administrative assistants	541200	Accounting, tax preparation, bookkeeping, and payroll services	A small decrease is expected as advances in technology increase productivity and automate some tasks.
43-6012	Legal secretaries	934300	Local government, excluding education and hospitals	A small decrease is expected as clerks and paralegals assume responsibility for some of the traditional duties of legal secretaries, and as other duties are automated.
		933300	State government, excluding education and hospitals	A small decrease is expected as clerks and paralegals assume responsibility for some of the traditional duties of legal secretaries, and as other duties are automated.
		561300	Employment services	A small decrease is expected as clerks and paralegals assume responsibility for some of the traditional duties of legal secretaries, and as other duties are automated.
43-6014	Secretaries, except legal, medical, and executive	000001 except: 621100	All industries except: offices of physicians	A small decrease is expected as the tasks of these workers are increasingly automated.
43-9011	Computer operators	000001 except: 541500 518200	All industries except: computer systems design and related services; data processing, hosting, and related services	A large decline is expected. As computers become smaller, more portable, and more powerful, the share of these workers needed to operate and maintain computers will decline.
43-9021	Data entry keyers	000001	All industries	A moderate decrease is expected as the tasks of this occupation are increasingly automated.
43-9022	Word processors and typists	000001 except: 933300 934300 931100	All industries except: State government, excluding education and hospitals; local government, excluding education and hospitals; Federal government, excluding postal service	A moderate decline is expected as incoming workers, who possess a better familiarity with technology, will complete word processing and typing tasks themselves, reducing demand for workers in this occupation.
		933300	State government, excluding education and hospitals	A small decline is expected as incoming workers, who possess a better familiarity with technology, will complete word processing and typing tasks themselves, reducing demand for workers in this occupation.
		934300	Local government, excluding education and hospitals	A small decline is expected as incoming workers, who possess a better familiarity with technology, will complete word processing and typing tasks themselves, reducing demand for workers in this occupation.
		931100	Federal government, excluding postal service	A small decline is expected as incoming workers, who possess a better familiarity with technology, will complete word processing and typing tasks themselves, reducing demand for workers in this occupation.
43-9031	Desktop publishers	000001	All industries	A moderate decrease is expected the duties of desktop publishers are increasingly performed by workers in other occupations.
43-9051	Mail clerks and mail machine operators, except postal service	000001	All industries	A moderate decrease is expected as the duties of this occupation are increasingly automated.
43-9061	Office clerks, general	561300	Employment services	A small decrease is expected as these establishments increasingly employ specialized administrative workers, such as secretaries and administrative assistants.
		933300	State government, excluding education and hospitals	A small decrease is expected as the duties of office clerks, general, are performed by workers in other occupations or contracted to private industries.
		621100	Offices of physicians	A small increase is expected as these establishments increasingly prefer office clerks, general to other, more specialized administrative workers.
		541100	Legal services	A small increase is expected as these establishments increasingly prefer office clerks, general to other, more specialized administrative workers.
		541600	Management, scientific, and technical consulting services	A small decrease is expected. As productivity-enhancing technology is utilized, the duties of office clerks, general, will increasingly be adopted by other workers.
		541200	Accounting, tax preparation, bookkeeping, and payroll services	A small decrease is expected as this industry continues to adopt productivity-enhancing technology, such as computer software.
		531200	Offices of real estate agents and brokers	A small increase is expected as these establishments increasingly prefer office clerks, general to other, more specialized administrative workers.
		531300	Activities related to real estate	A small increase is expected as these establishments increasingly prefer office clerks, general to other, more specialized administrative workers.

43-9071	Office machine operators, except computer	00001	All industries	A moderate decrease is expected as advances in technology allow other office workers to complete the tasks of office machine operators, except computer.
43-9081	Proofreaders and copy markers	323000	Printing and related support activities	A small decrease is expected as software programs become more sophisticated, making proofreaders and copy markers more productive, and as the responsibilities of proofreaders and copy makers are increasingly assumed by other workers.
43-9111	Statistical assistants	933300	State government, excluding education and hospitals	A small decrease is expected as an increased use of statistical software makes these workers more efficient and automates some tasks.
		931100	Federal government, excluding postal service	A small decrease is expected as an increased use of statistical software makes these workers more efficient and automates some tasks.
		934300	Local government, excluding education and hospitals	A small decrease is expected as an increased use of statistical software makes these workers more efficient, and results in the automation of more tasks.
43-9199	Office and administrative support workers, all other	000001	All industries	A moderate decrease is expected as technology continues to make these workers more efficient, and as their tasks are increasingly automated.
45-2011	Agricultural inspectors	931100	Federal government, excluding postal service	A small increase is expected. The recent incidence of food-borne illnesses and a favorable regulatory structure will lead to an increase in demand for these workers.
45-4021	Fallers	113310	Logging	A small decrease is expected as the tasks of this occupation are increasingly automated.
47-2041	Carpet installers	000001	All industries	A small decrease is expected as individuals increasingly choose to install their own floors in residential settings.
47-2042	Floor layers, except carpet, wood, and hard tiles	000001	All industries	A small decrease is expected as individuals increasingly choose to install their own floors in residential settings.
47-2044	Tile and marble setters	236100	Residential building construction	A small increase is expected as environmentally sound, sustainable, and cost effective materials are increasingly used in new and remodeling construction.
		238900	Other specialty trade contractors	A small increase is expected as environmentally sound, sustainable and cost effective materials are increasingly used in new and remodeling construction.
47-2051	Cement masons and concrete finishers	236200	Nonresidential building construction	A small decrease is expected. This industry will seek to reduce costs by increasingly utilizing cost effective alternatives to cement and concrete.
		238140	Masonry contractors	A small increase is expected as these workers assume some of the duties of stonemasons and brickmasons.
		236100	Residential building construction	A small decrease is expected. This industry will seek to reduce costs by increasingly utilizing cost effective alternatives to cement and concrete.
47-2061	Construction laborers	000001 except: 238110 934300 238140 237900 238310 238210	All industries except: poured concrete foundation and structure contractors; local government, excluding education and hospitals; masonry contractors; other heavy and civil engineering construction; drywall and insulation contractors; electrical contractors and other wiring installation contractors	A small to moderate increase is expected as construction laborers adopt some of the responsibilities of other workers.
		238210	Electrical contractors and other wiring installation contractors	A small increase is expected as establishments in this industry become increasingly involved in upgrading existing structures with new energy technologies.
47-2073	Operating engineers and other construction equipment operators	934300	Local government, excluding education and hospitals	A small decrease is expected as the duties of this occupation are increasingly contracted to private industries.
		237900	Other heavy and civil engineering construction	A small increase is expected as operating engineers and other construction equipment operators assume some of the duties of other workers.
		212300	Nonmetallic mineral mining and quarrying	A small increase is expected as operating engineers and other construction equipment operators assume some of the duties of other workers.
47-2111	Electricians	238210	Electrical contractors and other wiring installation contractors	A small decrease is expected as helpers, electrician gain a larger share of the industry.
		236200	Nonresidential building construction	A moderate decrease is expected as helpers, electrician gain a larger share of the industry.
		221100	Electric power generation, transmission and distribution	A small decrease is expected as increasing automation in power generation reduces demand for the services of occupation.
47-2131	Insulation workers, floor, ceiling, and wall	238290	Other building equipment contractors	A Small increase is expected. Insulating work, on both new and older buildings, will constitute a larger part of this industry as lower energy costs are sought for businesses and homes.
		238160	Roofing contractors	A small increase is expected as demand for insulated roofs grows.
47-2142	Paperhangers	000001	All industries	A moderate decrease is expected as the duties of paperhangers are increasingly performed by other workers.
47-2152	Plumbers, pipefitters, and steamfitters	236200	Nonresidential building construction	A small decrease is expected as productivity in this occupation increases.
47-2211	Sheet metal workers	238220	Plumbing, heating, and air-conditioning contractors	A moderate decrease is expected as the duties of sheet metal workers are increasingly performed by other occupations.
47-3011	Helpers—Brickmasons, blockmasons, stonemasons, and tile and marble setters	236200	Nonresidential building construction	A small increase is expected as the materials used by this occupation become more popular in nonresidential construction.
47-3012	Helpers—Carpenters	236100	Residential building construction	A small increase is expected. As pre-fabricated carpentry work is shipped to construction sites more frequently, these workers will be used as a low-cost alternative to carpenters.
47-3013	Helpers—Electricians	236200	Nonresidential building construction	A small decrease is expected as some of the duties of this occupation are performed by more highly skilled workers.

47-3014	Helpers—Painters, paperhangers, plasterers, and stucco masons	1	All industries	A small decrease is expected as some of the duties of this occupation are performed by more highly skilled workers.
47-3019	All other helpers, construction trades	236200	Nonresidential building construction	A small decrease is expected as some of the duties of this occupation are performed by more highly skilled workers.
		236100	Residential building construction	A small increase is expected as pre-fabricated components are used in a larger share of projects.
47-4061	Rail-track laying and maintenance equipment operators	1	All industries	A small increase is expected as more public transportation systems are constructed in order to alleviate traffic congestions.
47-4099	Construction and related workers, all other	482100	Rail transportation	A small decrease is expected as this industry will increasingly contract this work with temporary workers.
47-5013	Service unit operators, oil, gas, and mining	1	All industries	A small increase is expected. As new breakthroughs allow more extraction from existing wells, demand will increase for service operators relative to other extraction occupations.
47-5041	Continuous mining machine operators	212100	Coal mining	A small decrease is expected. As the large coal deposits most conducive to continuous mining are exhausted, employment of this occupation will decline relative to other extraction occupations.
47-5042	Mine cutting and channeling machine operators	212100	Coal mining	A small increase is expected as these mining machine operators are more used in surface mining, which will grow relative to underground mining.
47-5061	Roof bolters, mining	212100	Coal mining	A small decrease is expected as decreasing production in Appalachia will cause more coal mining to be surface mining, which doesn't require roof bolters.
47-5071	Roustabouts, oil and gas	000001	All industries	A small increase is expected. As other occupations in this industry are automated, these workers will perform many of the labor intensive tasks that cannot be automated.
47-5081	Helpers—Extraction workers	000001	All industries	A small decrease is expected as some of the duties of these workers are assumed by more highly skilled occupations, such as roustabouts.
49-1011	First-line supervisors/managers of mechanics, installers, and repairers	237130	Power and communication line and related structures construction	A small decrease is expected as companies attempt to contain costs through flatter management structures.
49-2011	Computer, automated teller, and office machine repairers	000001	All industries	A small decrease is expected as productivity increases and as technology continues to become more reliable.
49-2022	Telecommunications equipment installers and repairers, except line installers	238210	Electrical contractors and other wiring installation contractors	A small increase is expected as a growing number of establishments subcontract some complex aspects telecommunications related work and repair.
49-2091	Avionics technicians	481100	Scheduled air transportation	A small decrease is expected as the services provided by these workers are outsourced to third party contractors.
49-2093	Electrical and electronics installers and repairers, transportation equipment	482100	Rail transportation	A small decrease is expected as mechanization in this industry lessens demand for these workers.
49-2095	Electrical and electronics repairers, powerhouse,	221100	Electric power generation, transmission and distribution	A moderate increase is expected as electricity consumption grows, along with the need to maintain and repair power generating facilities.
		934300	Local government, excluding education and hospitals	A small increase is expected as electricity consumption grows, along with the need to maintain and repair power generating facilities.
49-2097	Electronic home entertainment equipment installers and repairers	238210	Electrical contractors and other wiring installation contractors	A small increase is expected as demand for sophisticated home entertainment equipment grows.
49-2098	Security and fire alarm systems installers	238210	Electrical contractors and other wiring installation contractors	A small increase is expected as new fire codes and an increased emphasis on home security lead to greater demand for these workers.
		238220	Plumbing, heating, and air-conditioning contractors	A moderate increase is expected as new regulations will require sprinkler systems in all residential buildings.
49-3011	Aircraft mechanics and service technicians	488100	Support activities for air transportation	A small decrease is expected as maintenance services are outsourced, and as newer plane models require less maintenance.
		481100	Scheduled air transportation	A small decrease is expected as maintenance services are outsourced, and as newer plane models require less maintenance.
		481200	Nonscheduled air transportation	A small decrease is expected as maintenance services are outsourced, and as newer plane models require less maintenance.
		561300	Employment services	A moderate increase is expected as more maintenance operations are outsourced by airlines.
49-3021	Automotive body and related repairers	441100	Automobile dealers	A small decrease is expected as these establishments devote fewer resources to automotive body repair.
		811100	Automotive repair and maintenance	A small increase is expected as these establishments devote more resources to automotive body repair.
49-3031	Bus and truck mechanics and diesel engine specialists	492100	Couriers and express delivery services	A small increase is expected. As competition increases, more mechanics will be needed to ensure that items are delivered on time.
49-3042	Mobile heavy equipment mechanics,	532400	Commercial and industrial machinery and equipment rental and leasing	A small increase is expected. As this equipment becomes more complex, more workers will be needed to handle complex repairs.

	except engines	212200	Metal ore mining	A small increase is expected. As mining equipment becomes more complex, more workers will be needed to handle complex repairs.
		213100	Support activities for mining	A small increase is expected. As mining equipment becomes more complex, more workers will be needed to handle complex repairs.
49-3043	Rail car repairers	482100	Rail transportation	A small increase is expected as rail car repairers will be unaffected by automation, unlike other occupations in this industry.
49-3051	Motorboat mechanics	811400	Personal and household goods repair and maintenance	A small decrease is expected as motorboat repair grows more slowly than the rest of the industry.
49-3053	Outdoor power equipment and other small engine mechanics	811400	Personal and household goods repair and maintenance	A small decrease is expected as outdoor equipment repair declines relative to the rest of the industry.
49-3093	Tire repairers and changers	452900	Other general merchandise stores	A moderate decrease is expected as fewer general merchandise stores offer tire repair services.
		447100	Gasoline stations	A small decrease is expected as fewer gasoline stations offer tire repair services.
49-9012	Control and valve installers and repairers, except mechanical door	221100	Electric power generation, transmission and distribution	A small decrease is expected as improvements to equipment durability result in a decrease in repairs.
49-9021	Heating, air conditioning, and refrigeration mechanics and installers	238220	Plumbing, heating, and air-conditioning contractors	A small increase is expected as a growing share of homes contain HVACR systems.
		811300	Commercial and industrial machinery and equipment (except automotive and electronic) repair and maintenance	A small decrease is expected as these firms seek to lower overhead costs through outsourcing to self-employed mechanics and installers.
		238210	Electrical contractors and other wiring installation contractors	A small increase is expected as demand grows for energy-efficient heating and cooling systems.
		934300	Local government, excluding education and hospitals	A small decrease is expected as budgetary constraints result in cuts to this occupation.
49-9031	Home appliance repairers	811400	Personal and household goods repair and maintenance	A small increase is expected as home appliance repair grows relatively faster than other parts of this industry, such as furniture repair.
49-9041	Industrial machinery mechanics	000001 except: 311600 333900 333100	All industries except: animal slaughtering and processing; other general purpose machinery manufacturing; agriculture, construction, and mining machinery manufacturing	A small to moderate increase is expected as machinery is used for a larger share of industrial tasks.
		333900	Other general purpose machinery manufacturing	A moderate increase is expected. As machinery becomes more complicated, more of these workers will be needed to perform specialized repairs.
		333100	Agriculture, construction, and mining machinery manufacturing	A moderate increase is expected. As machinery becomes more complicated, more of these workers will be needed to perform specialized repairs.
49-9042	Maintenance and repair workers, general	561300	Employment services	A small increase is expected as employers seek to remove these workers from their standing workforces and hire them on a temporary basis as needed.
49-9043	Maintenance workers, machinery	000001	All industries	A small increase is expected as increased used of machinery requires more maintenance workers.
49-9052	Telecommunications line installers and repairers	237130	Power and communication line and related structures construction	A small increase is expected as governments and private firms allocate more resources to infrastructure improvements.
49-9061	Camera and photographic equipment repairers	000001	All industries	A moderate decrease is expected as improvements to technology make equipment replacement cheaper than repair.
49-9062	Medical equipment repairers	000001	All industries	A moderate increase is expected. As the use of medical equipment expands, and as advances lead to more becomes more sophisticated machines, more repair personnel will be needed.
49-9064	Watch repairers	448300	Jewelry, luggage, and leather goods stores	A small decrease is expected as people increasingly replace their watches instead of having them repaired.
49-9094	Locksmiths and safe repairers	561620	Security systems services	A small decrease is expected as demand for electronic security systems grows more rapidly than demand for locksmith and safe repair services.
49-9097	Signal and track switch repairers	482100	Rail transportation	A small decrease is expected as increased productivity reduces demand for these workers.
49-9098	Helpers-- Installation, maintenance, and repair workers	238210	Electrical contractors and other wiring installation contractors	A small increase is expected as these workers are used as a lower-cost alternative to electricians.
51-2011	Aircraft structure, surfaces, rigging, and systems assemblers	336400	Aerospace product and parts manufacturing	A small increase is expected as these workers assume the responsibilities of other occupations.
51-2021	Coil winders, tapers, and finishers	000001	All industries	A small decrease is expected as automation and offshoring reduce demand for these workers.
51-2022	Electrical and electronic equipment assemblers	334100	Computer and peripheral equipment manufacturing	A moderate decrease is expected as the duties of this occupation are increasingly offshored.
		334300	Audio and video equipment manufacturing	A small decrease is expected as automation and offshoring reduce demand for these workers.

51-2023	Electromechanical equipment assemblers	561300	Employment services	A moderate increase is expected as more firms attempt to reduce costs by using temporary workers for low skilled jobs.
51-2031	Engine and other machine assemblers	333900	Other general purpose machinery manufacturing	A small decrease is expected as the fastest-growing sectors of this industry employ relatively few of these workers.
		561300	Employment services	A small increase is expected as more firms attempt to reduce costs by using temporary workers for low skilled jobs.
51-2041	Structural metal fabricators and fitters	336600	Ship and boat building	A small decrease is expected as lower defense spending results in a decrease in demand for large military ships, which require goods produced by this occupation.
51-2091	Fiberglass laminators and fabricators	336600	Ship and boat building	A small increase is expected as demand grows for recreational and small boats, which are made of fiberglass, relative to other types of boats, which are often made with other materials.
		336200	Motor vehicle body and trailer manufacturing	A moderate decrease is expected as manufacturers shift away from fiberglass and towards sheet metal or plastic.
		336400	Aerospace product and parts manufacturing	A small decrease is expected as establishments in this industry shift away from fiberglass.
51-2092	Team assemblers	336100	Motor vehicle manufacturing	A moderate increase is expected as work performed by this occupation is restructured into other occupations.
51-2099	All other assemblers and fabricators	561300	Employment services	A small increase is expected as this occupation assumes responsibilities that were previously performed by other workers.
		336100	Motor vehicle manufacturing	A small decrease is expected as other occupations assume some of the duties of these workers.
		336200	Motor vehicle body and trailer manufacturing	A small increase is expected as this occupation assumes responsibilities that were previously performed by other workers.
		326100	Plastics product manufacturing	A small increase is expected as this occupation assumes responsibilities that were previously performed by other workers.
		333100	Agriculture, construction, and mining machinery manufacturing	A small increase is expected as this occupation assumes responsibilities that were previously performed by other workers.
		321900	Other wood product manufacturing	A moderate decrease is expected as increased automation lessens demand for these workers.
		332300	Architectural and structural metals manufacturing	A small decrease is expected as advances in machinery make these workers more productive.
		332900	Other fabricated metal product manufacturing	A small increase is expected as this occupation assumes responsibilities that were previously performed by other workers.
		333900	Other general purpose machinery manufacturing	A small increase is expected as this occupation assumes responsibilities that were previously performed by other workers.
		444100	Building material and supplies dealers	A small increase is expected as this occupation assumes responsibilities that were previously performed by other workers.
		335200	Household appliance manufacturing	A small decrease is expected as advances in machinery make these workers more productive.
51-3011	Bakers	722000	Food services and drinking places	A moderate decline is expected as fast-food restaurants and sandwich shops increasingly contract with other industries to fulfill their baking needs.
		722100	Full-service restaurants	A moderate decline is expected as restaurants increasingly contract with other industries to fulfill their baking needs.
		722300	Special food services	A small increase is expected as these establishments increasingly provide restaurants and grocery stores with baked goods.
51-3021	Butchers and meat cutters	445200	Specialty food stores	A small increase is expected as demand for custom cut and specialty meats grows.
		452900	Other general merchandise stores	A small decrease is expected as retailers increasingly purchase pre-cut and pre-portioned meats.
51-3022	Meat, poultry, and fish cutters and trimmers	445100	Grocery stores	A small increase is expected as the duties of these workers are more frequently performed in-house, rather than being outsourced to other industries.
		311700	Seafood product preparation and packaging	A small increase is expected as a greater share of this work is performed at processing plants onboard trawlers to ensure freshness and food safety.
		445200	Specialty food stores	A small increase is expected as the duties of these workers are more frequently performed in-house, rather than being outsourced to other industries.
51-3092	Food batchmakers	000001	All industries	A small increase is expected as demand grows for pre-packaged, processed, and shelf-stable foods.
51-4011	Computer-controlled machine tool operators, metal and plastic	000001 except: 336400 334400	All industries except: aerospace product and parts manufacturing, semiconductor and other electronic component manufacturing	A moderate increase is expected as computer-controlled machinery is used for a larger share of metal and plastic work.
		334400	Semiconductor and other electronic component manufacturing	A small decrease is expected as advances in technology make these workers more efficient.
51-4012	Numerical tool and process control programmers	000001	All industries	A small decrease is expected. Advances in CAD/CAM software allow will other workers to perform the tasks previously performed by numerical tool and process control programmers.
51-4022	Forging machine setters, operators, and tenders, metal and plastic	000001	All industries	A small decrease as the duties of this occupation are increasingly automated.
51-4023	Rolling machine setters, operators, and tenders, metal and plastic	000001	All industries	A small decrease as the duties of this occupation are increasingly automated.

51-4031	Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	00001	All industries	A small decrease as the duties of this occupation are increasingly automated.
51-4032	Drilling and boring machine tool setters, operators, and tenders, metal and plastic	00001	All industries	A moderate decrease as the duties of this occupation are increasingly automated.
51-4033	Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic	00001	All industries	A small decrease as the duties of this occupation are increasingly automated.
51-4034	Lathe and turning machine tool setters, operators, and tenders, metal and plastic	00001	All industries	A moderate decrease is expected as companies retrofit old lathes and purchase new lathes that are computer controlled.
51-4035	Milling and planing machine setters, operators, and tenders, metal and plastic	00001	All industries	A small decrease as the duties of this occupation are increasingly automated.
51-4041	Machinists	482100	Rail transportation	A small decrease is expected as computer-controlled machine tool operators, metal and plastic assume some of the duties of machinists.
51-4071	Foundry mold and coremakers	331500	Foundries	A small decrease is expected due to increased automation and more efficient processes.
51-4081	Multiple machine tool setters, operators, and tenders, metal and plastic	00001	All industries	A small decrease is expected as increased automation and the use of computer controlled machines lessens demand for this occupation.
51-4192	Lay-out workers, metal and plastic	00001	All industries	A small decrease is expected as the tasks of this occupation are increasingly automated or performed by other workers.
51-5011	Bindery workers	00001	All industries	A small decrease is expected as there are declines in printed material and as automation in the binding process increases.
51-5021	Job printers	511110	Newspaper publishers	A small decrease is expected as print circulations decline and as newspapers move to the Internet.
		541800	Advertising, public relations, and related services	A small increase is expected as advertisers adapt to changing print capabilities and new ways of targeting and distributing to specific customer profiles.
51-5022	Prepress technicians and workers	323100	Printing and related support activities	A small decrease is expected the duties of this occupation are increasingly performed by computers.
		511110	Newspaper publishers	A small decrease is expected the duties of this occupation are increasingly performed by computers.
		541800	Advertising, public relations, and related services	A small increase is expected. As advertisers seek new places to run print ads, these workers will be needed to transfer designs to printed media.
51-5023	Printing machine operators	313300	Textile and fabric finishing and fabric coating mills	A small increase is expected as the popularity of printed clothing increases, creating demand for this occupation.
51-6011	Laundry and dry-cleaning workers	623100	Nursing care facilities	A small decrease is expected as this industry reduces the services provided by these workers in order to cut costs.
		721110,90,300	Hotels (except casino), motels, and all other traveler accommodation	A small decrease is expected as this industry reduces the services provided by these workers in order to cut costs.
		623300	Community care facilities for the elderly	A moderate decrease is expected as this industry reduces the services provided by these workers in order to cut costs.
		934300	Local government, excluding education and hospitals	A small decrease is expected as this industry reduces the services provided by these workers in order to cut costs.
51-6021	Pressers, textile, garment, and related materials	812300	Drycleaning and laundry services	A small decrease is expected as casual clothing, which is starched less frequently, becomes more common.
		561300	Employment services	A small decrease is expected as casual clothing, which is starched less frequently, becomes more common.
		315100	Apparel knitting mills	A small decrease is expected as casual clothing, which is starched less frequently, becomes more common.
51-6031	Sewing machine operators	00001 except: 315200, 315900	All industries except: cut and sew apparel manufacturing, apparel accessories and other apparel manufacturing	A small decrease is expected as the tasks of this occupation are increasingly offshored.
51-6052	Tailors, dressmakers, and custom sewers	448100	Clothing stores	A small decrease is expected as clothing stores sell fewer items that require tailoring, or stop providing this service all together.
		811400	Personal and household goods repair and maintenance	A moderate increase is expected. As clothing stores offer the services of these workers less frequently, specialized tailor shops will account for a larger share of this industry.
		812300	Drycleaning and laundry services	A small increase is expected as the services performed by these workers, which are less frequently provided by clothing stores, are increasingly offered by drycleaners.
		314900	Other textile product mills	A small increase is expected as offshoring leads to reduced employment of other occupations in this industry.
		452100	Department stores	A small decrease is expected as department stores sell fewer items that require tailoring, or stop providing this service altogether.

51-6062	Textile cutting machine setters, operators, and tenders	315200	Cut and sew apparel manufacturing	A small increase is expected as other occupations in this industry, such as computer specialists, experience a rapid drop in employment, causing this occupation to increase its share of the industry.
51-6063	Textile knitting and weaving machine setters, operators, and tenders	313200	Fabric mills	A small increase is expected. Offshoring in this industry will not impact this occupation to the same extent as other occupations, causing it to increase its share of the industry.
		314100	Textile furnishings mills	A small increase is expected. Offshoring in this industry will not impact this occupation to the same extent as other occupations, causing it to increase its share of the industry.
		315100	Apparel knitting mills	A small increase is expected. Offshoring in this industry will not impact this occupation to the same extent as other occupations, causing it to increase its share of the industry.
		313100	Fiber, yarn, and thread mills	A small increase is expected. Offshoring in this industry will not impact this occupation to the same extent as other occupations, causing it to increase its share of the industry.
51-6091	Extruding and forming machine setters, operators, and tenders, synthetic and glass fibers	000001	All industries	A moderate decrease is expected as this occupation has increased automation reduces the need for these workers.
51-6092	Fabric and apparel patternmakers	315200	Cut and sew apparel manufacturing	A small increase is expected. Offshoring in this industry will not impact this occupation to the same extent as other occupations, causing it to increase its share of the industry.
51-6093	Upholsterers	811400	Personal and household goods repair and maintenance	A moderate increase is expected as interest in antique furniture restoration grows.
		811120	Automotive body, paint, interior, and glass repair	A moderate increase is expected as auto body shops offer more services related to interior decoration.
		337200	Office furniture (including fixtures) manufacturing	A moderate decrease is expected as a smaller share of office furniture will incorporate upholstery.
51-6099	All other textile, apparel, and furnishings workers	314900	Other textile product mills	A small increase is expected. Offshoring in this industry will not impact this occupation to the same extent as other occupations, causing it to increase its share of the industry.
		315200	Cut and sew apparel manufacturing	A small increase is expected. Offshoring in this industry will not impact this occupation to the same extent as other occupations, causing it to increase its share of the industry.
51-7021	Furniture finishers	442100	Furniture stores	A small decrease is expected as fewer furniture stores offer these services performed by these workers.
51-7042	Woodworking machine setters, operators, and tenders, except sawing	321900	Other wood product manufacturing	A moderate increase is expected as woodworking is increasingly done using machines, leading to greater demand for these workers.
		321200	Veneer, plywood, and engineered wood product manufacturing	A moderate increase is expected as woodworking is increasingly done using machines, leading to greater demand for these workers.
51-8012	Power distributors and dispatchers	221100	Electric power generation, transmission and distribution	A moderate increase is expected. The utilization of new power sources, such as wind energy, and the deregulation of the industry will make the work more complex, creating a need for more of these workers.
		934300	Local government, excluding education and hospitals	A small decrease is expected as local governments increasingly contract the duties of these workers to private industries.
51-8013	Power plant operators	934300	Local government, excluding education and hospitals	A small decrease is expected as local governments privatize power plants.
51-8031	Water and liquid waste treatment plant and system operators	000001	All industries	A small increase is expected as increased regulation leads to greater demand for these workers.
51-9081	Dental laboratory technicians	621200	Offices of dentists	A small decrease is expected as dentists increasingly contract the tasks of this occupation to dental laboratories.
51-9121	Coating, painting, and spraying machine setters, operators, and tenders	000001	All industries	A small increase is expected as more painting is performed with painting machines.
51-9122	Painters, transportation equipment	000001 except: 811120 441100 811110	All industries except: automotive body, paint, interior, and glass repair; automobile dealers; automotive mechanical and electrical repair and maintenance	A small decrease is expected as automation reduces the need for these workers.
		811120	Automotive body, paint, interior, and glass repair	A small increase is expected as this occupation assumes some of the duties of general auto body workers.
		441100	Automobile dealers	A small increase is expected as this occupation assumes some of the duties of general auto body workers.
		811110	Automotive mechanical and electrical repair and maintenance	A small increase is expected as this occupation assumes some of the duties of general auto body workers.
51-9131	Photographic process workers	812900	Other personal services	A small decrease is expected as pet care services garner a larger share of this industry.
		541920	Photographic services	A moderate decrease is expected as photographers increasingly finishing their own prints, and as inexpensive editing software allows consumers to more easily edit their own photos.
51-9132	Photographic processing machine operators	000001	All industries	A large decrease is expected as digital photos, which do not require machine processing, become more popular.

53-1011	Aircraft cargo handling supervisors	481100	Scheduled air transportation	A moderate decrease is expected as rules changes at airlines result in fewer checked bags.
53-1031	First-line supervisors/managers of transportation and material-moving machine and vehicle operators	000001	All industries	A small decrease is expected as improved communications technology allows each manager to oversee a greater number of employees.
53-2011	Airline pilots, copilots, and flight engineers	492100	Couriers and express delivery services	A small increase is expected. As more businesses utilize just-in-time inventory and manufacturing practices, demand for air shipping services will increase.
53-3022	Bus drivers, school	624400	Child day care services	A small decrease is expected as day care services increasingly rely on parents to transport their children rather than providing busses.
53-3031	Driver/sales workers	424400	Grocery and related product merchant wholesalers	A small increase is expected as these workers acquire additional responsibilities, such as selling additional products to customers.
		454300	Direct selling establishments	A moderate increase is expected as these workers acquire additional responsibilities, such as selling additional products to customers.
53-3032	Truck drivers, heavy and tractor-trailer	492100	Couriers and express delivery services	A small increase is expected. As electronic transmission of documents reduces the need for couriers, truck drivers, heavy and tractor-trailer will account for a larger share of employment.
53-3033	Truck drivers, light or delivery services	532200	Consumer goods rental	A small increase is expected. As automation reduces the need for rental clerks, truck drivers, light or delivery services will account for a larger share of employment.
53-3041	Taxi drivers and chauffeurs	485300	Taxi and limousine service	A small increase is expected as taxi and limousine services consolidate and fewer management and operations personnel are needed.
		485900	Other transit and ground passenger transportation	A small increase is expected as more transit companies increase services for the disabled and elderly.
53-4041	Subway and streetcar operators	000001	All industries	A small increase is expected as new rail-based local transportation systems are built and existing systems expand.
53-5011	Sailors and marine oilers	931100	Federal government, excluding postal service	A small increase is expected as water transportation becomes cheaper relative to other modes of transportation.
53-6021	Parking lot attendants	000001	All industries	A small decrease is expected as increasing use of self-validating and self-service parking should decrease demand for this occupation.
53-6031	Service station attendants	445100	Grocery stores	A small increase is expected as many grocery stores add gas stations.
53-6051	Transportation inspectors	000001	All industries	A small increase is expected as increasing security regulations lead to greater demand for this occupation.
53-7011	Conveyor operators and tenders	000001	All industries	A small decrease is expected as increased automation and advances in database technology decrease demand for these workers.
53-7033	Loading machine operators, underground mining	000001	All industries	A small decrease is expected as Western mining, which is generally practiced above ground, becomes more common.
53-7041	Hoist and winch operators	000001	All industries	A small decrease is expected as automation and increases in productivity decrease demand for these workers.
53-7051	Industrial truck and tractor operators	484100	General freight trucking	A small decrease is expected as more efficient techniques of loading make these workers more productive.
53-7061	Cleaners of vehicles and equipment	447100	Gasoline stations	A small decrease is expected as the duties of these workers are increasingly automated.
53-7062	Laborers and freight, stock, and material movers, hand	000001 except: 492100 493100 484100 311600	All industries except: couriers and express delivery services; warehousing and storage; general freight trucking; animal slaughtering and processing	A small decrease is expected as automation and improved communications and database technology reduce demand for this occupation.
		484100	General freight trucking	A moderate decrease is expected as improvements in technology make these workers more productive.
53-7063	Machine feeders and offbearers	000001 except: 311600	All industries except animal slaughtering and processing	A moderate decrease is expected as some of the duties of these workers are automated, and as others are performed by different occupations, such as machine operators.
		311600	Animal slaughtering and processing	A small increase is expected. As other occupations in this industry are automated, this occupation, which is difficult to automate, will account for a larger share of employment.
53-7064	Packers and packagers, hand	000001 except: 493100 311600	All industries except: warehousing and storage; animal slaughtering and processing	A small decrease is expected as increased automation should decrease the need for these workers.
53-7071	Gas compressor and gas pumping station operators	000001	All industries	A small decrease is expected as automation and productivity enhancements will decrease the need for this occupation.
53-7072	Pump operators, except wellhead pumps	000001	All industries	A small decrease is expected as the duties of this occupation are increasingly automated.
53-7073	Wellhead pumps	000001	All industries	A small decrease is expected as improvements in technology make these workers more productive.
53-7111	Shuttle car operators	000001	All industries	A small decrease is expected. As western coal extraction, which is typically practiced above ground, becomes more common, the number of shuttle cars in operation will be reduced.
53-7121	Tank car, truck, and ship loaders	488300	Support activities for water transportation	A small decrease is expected. As technology is adopted that nearly automates the transfer of containers to and from ships, demand for these workers will be reduced.
		493100	Warehousing and storage	A small decrease is expected. As technology is adopted that nearly automates the transfer of containers to and from ships, demand for these workers will be reduced.

		484100	General freight trucking	A moderate decline is expected as more efficient loading methods should decrease the need for these workers.
53-7199	Material moving workers, all other	000001	All industries	A small decrease is expected as advances in technology will increase automation and decrease the need for this occupation.
53-7033	Loading machine operators, underground mining	000001	All industries	A small decrease is expected as Western mining is expected to grow relative to other regions. Mining in this region is mostly on the surface, as a result these underground workers will make up less of the workforce overall.
53-7041	Hoist and winch operators	000001	All industries	A small decrease is expected as automation and other increases in productivity decrease demand for these workers.
53-7051	Industrial truck and tractor operators	484100	General freight trucking	A small decrease is expected as more efficient techniques of loading decrease the need for these workers.
53-7061	Cleaners of vehicles and equipment	447100	Gasoline stations	A small decrease is expected as gas stations are unlikely to employ more hand washers in the future relative to other workers.
53-7062	Laborers and freight, stock, and material movers, hand	000001 except: 492100 493100 484100 311600	All industries except: couriers and express delivery services, warehousing and storage, general freight trucking, animal slaughtering and processing	A small decrease is expected as automation and improved communications and database technology should reduce demand for this occupation.
		484100	General freight trucking	A moderate decrease is expected as improved technologies decrease demand for hand laborers.
53-7063	Machine feeders and offbearers	000001 except: 311600	All industries except animal slaughtering and processing	A moderate decrease is expected as automated machine feeds, and increases in machine operators' duties should decrease the need for this occupation.
		311600	Animal slaughtering and processing	A small increase is expected as this occupation is difficult to automate and should therefore increase its share of the industry.
53-7064	Packers and packagers, hand	000001 except: 493100 311600	All industries except: warehousing and storage, animal slaughtering and processing	A small decrease is expected as increased automation in factories should decrease the need for these workers.
53-7071	Gas compressor and gas pumping station operators	000001	All industries	A small decrease is expected as automation and productivity enhancements will decrease the need for this occupation.
53-7072	Pump operators, except wellhead pumpers	000001	All industries	A small decrease is expected with increased automation of oil pumping, this job should be in less demand.
53-7073	Wellhead pumpers	000001	All industries	A small decrease is expected as technology improves, this job will be required relatively less than other occupations.
53-7111	Shuttle car operators	000001	All industries	A small decrease is expected as increases in western coal extraction, which is typically above ground, it is likely that the number of workers operating these shuttle cars will decrease.
53-7121	Tank car, truck, and ship loaders	488300	Support activities for water transportation	A small decrease is expected as improved technology that nearly automates the transfer of containers to and from ships is starting to be used in the US, these loaders will be needed less in the future.
		493100	Warehousing and storage	A small decrease is expected as improved technology that nearly automates the transfer of containers to and from ships is starting to be used in the US, these loaders will be needed less in the future.
		484100	General freight trucking	A moderate decline is expected as more efficient loading methods should decrease employment of these workers.
53-7199	Material moving workers, all other	000001	All industries	A small decrease is expected as increases in technology and automation will further decrease the need for this occupation.

Source: Employment Projections Program, U.S. Department of Labor, U.S. Bureau of Labor Statistics