Career Outlook

BLS

Clusters, pathways, and BLS: Connecting career information

Elka Torpey | March 2015

There are hundreds of careers in our economy and multiple ways to group them. Organizing career information makes it more accessible to counselors, program planners, and others exploring jobs and occupations.

The *Occupational Outlook Handbook* (*OOH*) and other career resources from the Bureau of Labor Statistics (BLS) group jobs by occupation using the Standard Occupational Classification (SOC) system. Another way to sort jobs is with Career Clusters and pathways, a framework used by many schools and state agencies. Both methods of

organizing career information are helpful for understanding the world of work, especially when they are used together.

This article helps to link BLS SOC-based career information with Career Clusters and pathways. The first section highlights *OOH* occupational profiles for each of the 16 Career Clusters and shows BLS data on wages, projected job openings, and more for selected occupations. The second section summarizes why both the SOC system and the Career Clusters framework are valuable and how BLS occupational information relates to clusters and pathways. The final section provides sources for learning more.

BLS career info, by cluster

The National Association of State Directors of Career Technical Education Consortium, which oversees the Career Clusters framework, divides careers into 16 clusters. These clusters are further divided into pathways, which show more specific career areas with similar knowledge and skill requirements. The 16 Career Clusters are as follows:

• Agriculture, food, and natural resources
• Architecture and construction
• Arts, audio/video technology, and communications
• Business management and administration
• Education and training
• Finance
• Government and public administration
• Health science
• Hospitality and tourism
• Human services
• Information technology
• Law, public safety, corrections, and security
• Manufacturing
• Marketing
• Science, technology, engineering, and mathematics
• Transportation, distribution, and logistics

Each cluster description in the following sections includes links to the *OOH* profiles that most closely relate to the cluster. Each description also gives a snapshot of other BLS career information—including employment and wage data, education and training assignments, and projected job openings—to show how BLS material supplements Career Clusters and pathways.

Employment and wages. Employment and wage data are for May 2013 and exclude self-employed workers. The data for wages are presented as the median wage, meaning that half of workers in an occupation earned more than that amount, and half earned less. The median annual wage for all wage and salary workers was $35,080.

Education and training. Designations for each cluster discussion indicate what form of education and training BLS has determined is typically needed to enter an occupation.

Projected job openings. For each cluster, charts 1 through 16 show the occupations that BLS projects to have the most job openings between 2012 and 2022. Job openings come from the need to replace workers in an occupation and from newly created jobs.

According to BLS, about half of all job openings between 2012 and 2022 are projected to be in occupations assigned to four clusters: hospitality and tourism, business management and administration, marketing, and health science. (See table 1.)

Table 1. Projected 2012–22 job openings and new jobs, by Career Cluster in which occupations are assigned

Career Clusters	Projected 2012–22	
	Job openings(1)	New jobs (2)
See footnotes at end of table.		
Hospitality and tourism	7,575,300	1,740,200
Business management and administration	7,210,400	1,819,700
Marketing	6,068,100	1,331,400
Health science	5,575,300	3,079,800
Architecture and construction	3,678,800	1,799,800
Transportation, distribution, and logistics	3,672,700	993,700
Education and training	3,311,400	1,163,300
Manufacturing	3,077,100	360,000
Human services	2,906,600	1,458,200
Finance	2,054,900	567,400
Law, public safety, corrections, and security	1,679,100	448,400
Information technology	1,231,800	647,100
Agriculture, food, and natural resources	813,600	-81,200
Science, technology, engineering, and mathematics	710,900	157,300
Arts, audio/video technology, and communications	670,400	71,600
Government and public administration	321,500	70,800
Sources: National Association of State Directors of Career Technical Education Consortium (Career Clusters); Bureau of Labor Statistics, Employment Projections program (data).		

Footnotes: (1) Projected job openings represent the total number of openings expected for workers who are new to an occupation. This total includes projections of both job growth ("new jobs") and opportunities resulting from the need to replace workers who leave an occupation ("replacement needs"). (2) Projected new jobs represent newly created jobs expected between 2012 and 2022.

Many of the job openings over the 2012–22 decade are projected to come from the need to replace workers who leave the occupation. However, for the occupations assigned to the health science, human services, and information technology clusters, BLS expects more job openings to come from newly created jobs.
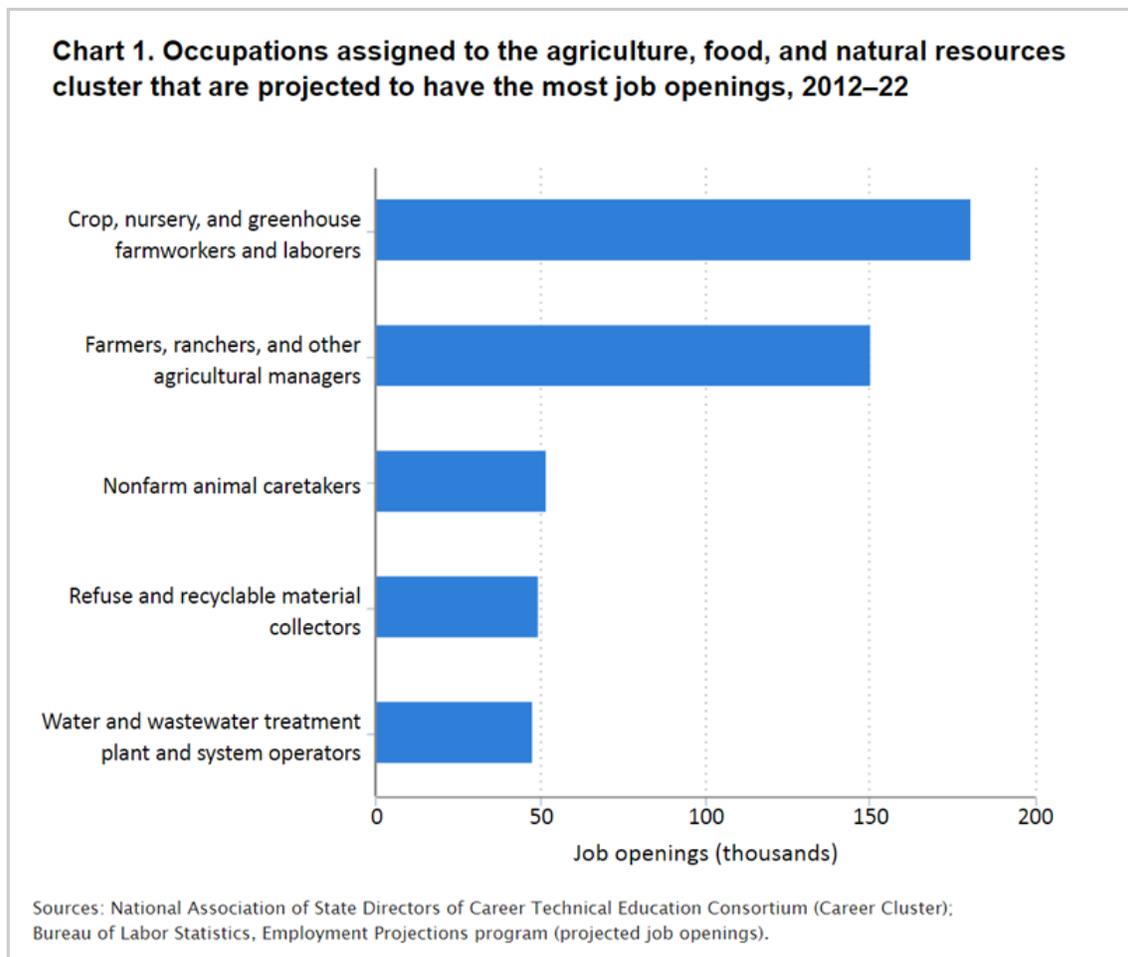
Agriculture, food, and natural resources

Careers in the agriculture, food, and natural resources cluster involve working with plants, animals, and the environment. Nearly all of the farming, fishing, and forestry occupations and many of the life, physical, and social science occupations in the *OOH* are assigned to this cluster.

BLS counted about 1.4 million jobs in the SOC occupations that are assigned to the agriculture, food, and natural resources cluster. Median annual wages for these occupations ranged from $18,710 for crop, nursery, and greenhouse farmworkers and laborers to $116,840 for natural science managers.

Many of the occupations in this cluster typically require a high school diploma or equivalent, although specific designations range from less than a high school diploma and short-term on-the-job training for nonfarm animal caretakers to a doctoral or professional degree for animal scientists.

BLS projects the largest number of job openings in the agriculture, food, and natural resources cluster to be in occupations assigned to the plant systems pathway. The occupation expected to have the most job openings in the cluster is crop, nursery, and greenhouse farmworkers and laborers. (See chart 1.)

Chart 1. Occupations assigned to the agriculture, food, and natural resources cluster that are projected to have the most job openings, 2012–22

Sources: National Association of State Directors of Career Technical Education Consortium (Career Cluster); Bureau of Labor Statistics, Employment Projections program (projected job openings).

Architecture and construction

Careers in the architecture and construction cluster involve designing and building homes, roads, and other structures. Nearly all of the construction and extraction occupations and many of the architecture and engineering occupations in the *OOH* are assigned to this cluster.
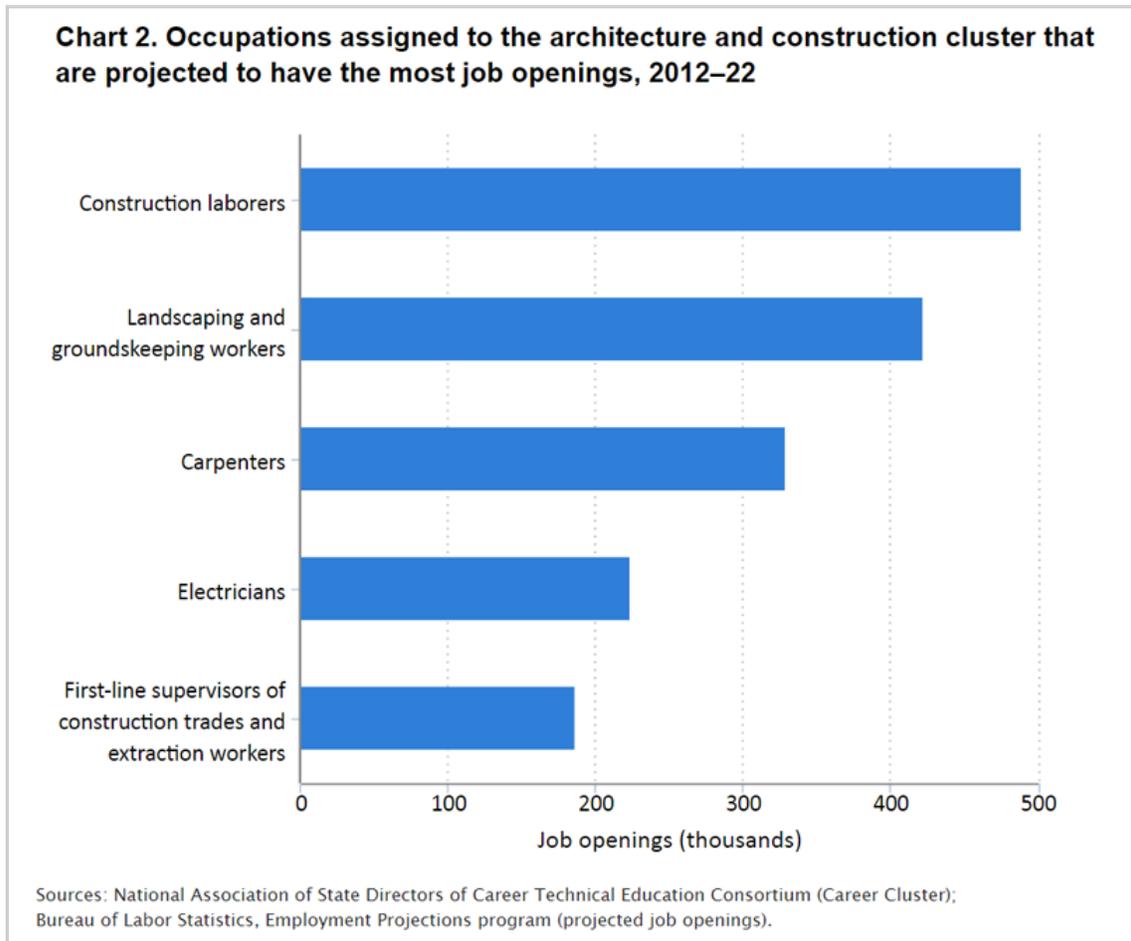
BLS counted about 7.8 million jobs in the SOC occupations that are assigned to the architecture and construction cluster. Median annual wages for these occupations ranged from $23,940 for landscaping and groundskeeping workers to $84,410 for construction managers.

More than half of the occupations in this cluster typically require a high school diploma or equivalent. However, specific designations range from less than a high school diploma and short-term on-the-job training for carpet installers to a bachelor's degree and an internship for occupations such as architects.

BLS projects most job openings in the architecture and construction cluster to be in occupations assigned to the construction pathway. The occupation

expected to have the largest number of job openings in the cluster is construction laborers. (See chart 2.)

Chart 2. Occupations assigned to the architecture and construction cluster that are projected to have the most job openings, 2012–22

Sources: National Association of State Directors of Career Technical Education Consortium (Career Cluster);
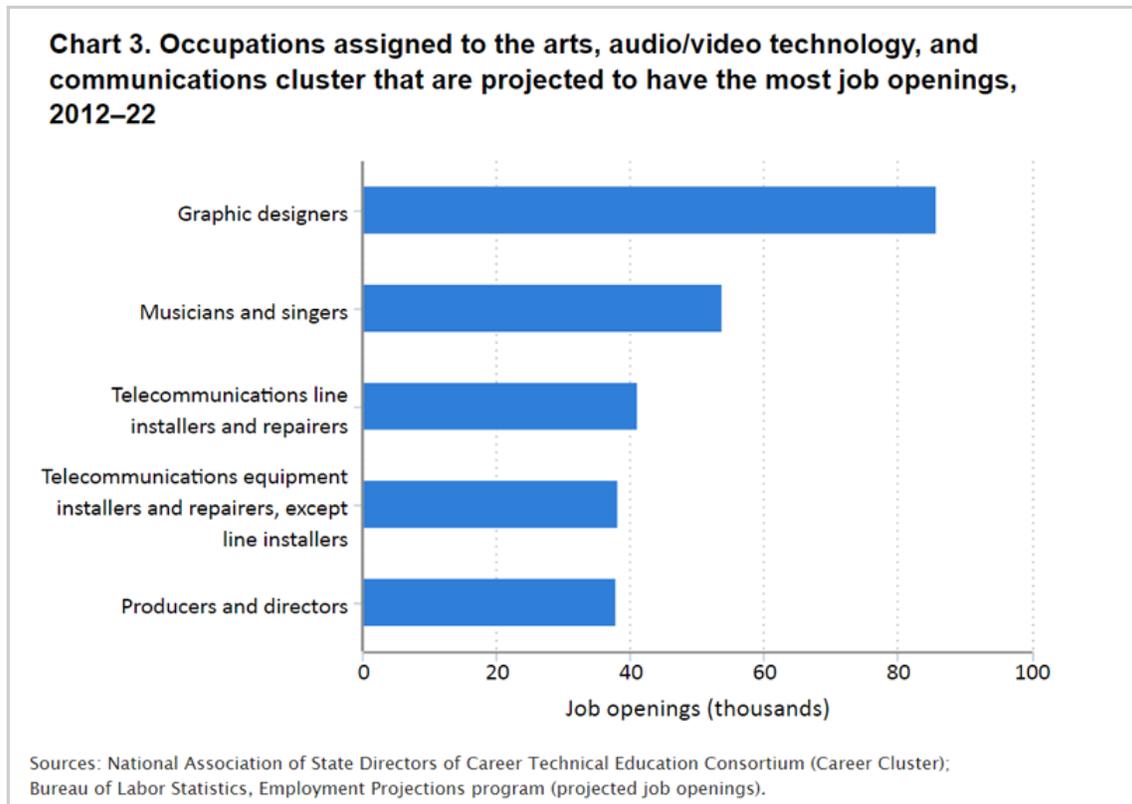Bureau of Labor Statistics, Employment Projections program (projected job openings).

Arts, audio/video technology, and communications

Careers in this cluster often involve creative tasks, such as performing or writing. Most of the arts and design, entertainment and sports, and media and communication occupations in the *OOH* are assigned to this cluster.

There were about 1.8 million jobs in the SOC occupations that are assigned to the arts, audio/video technology, and communications cluster, according to BLS. Median annual wages for these occupations ranged from $24,220 for floral designers to $83,000 for art directors.

Many occupations in this cluster typically require a bachelor's degree, although specific designations vary. For example, public address system announcers typically need a high school diploma or equivalent and short-term on-the-job training, and art directors typically need a bachelor's degree and 5 or more years of experience in a related occupation.

BLS projects most job openings in the arts, audio/video technology, and communications cluster to be in occupations assigned to the visual arts pathway, which includes graphic designers. This occupation is projected to have the most job openings in the cluster. (See chart 3.)

Chart 3. Occupations assigned to the arts, audio/video technology, and communications cluster that are projected to have the most job openings, 2012–22

Sources: National Association of State Directors of Career Technical Education Consortium (Career Cluster); Bureau of Labor Statistics, Employment Projections program (projected job openings).
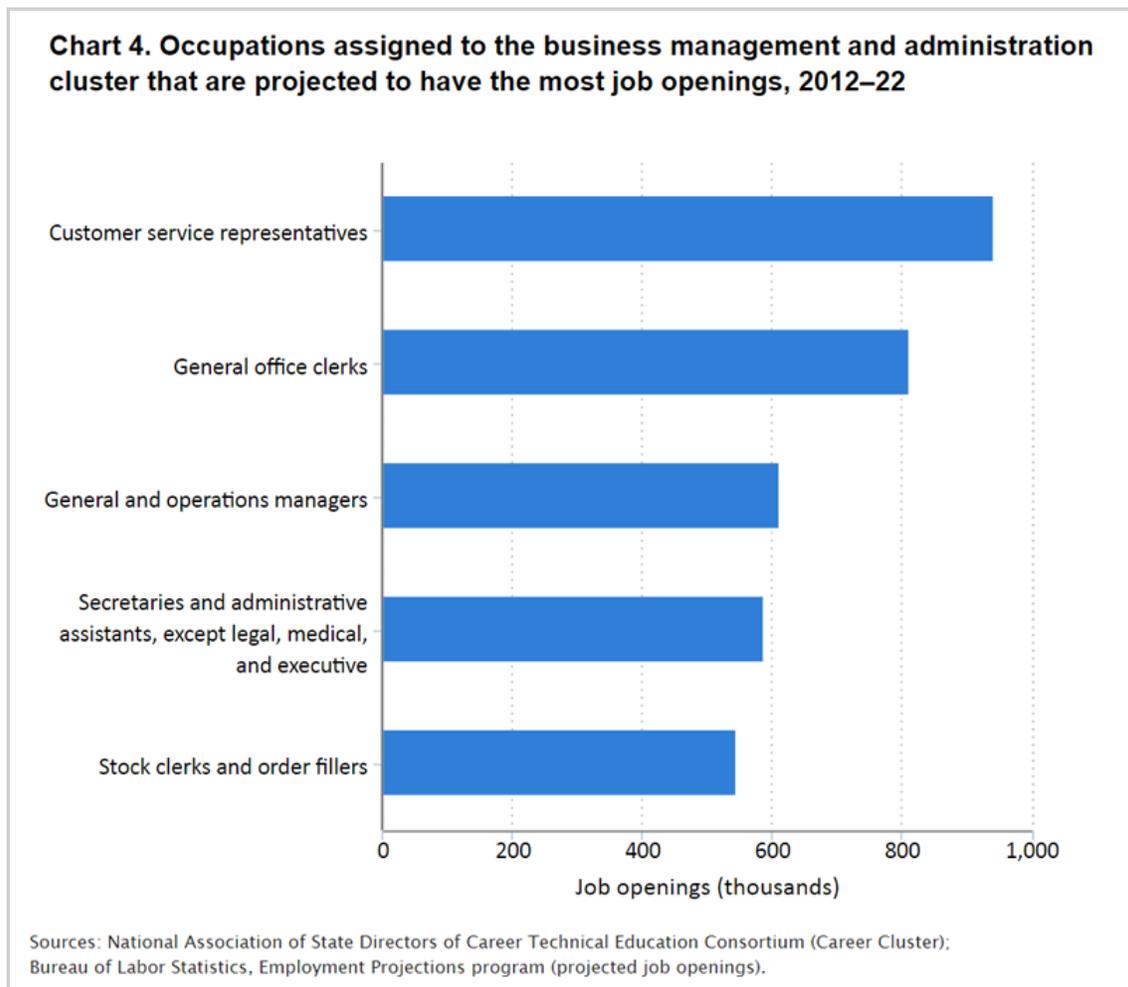
Business management and administration

Careers in this cluster involve planning, oversight, and organizational tasks needed to run a business. Many of the business and financial, management, and office and administrative support occupations in the *OOH* are assigned to this cluster.

In the SOC occupations that are assigned to the business management and administration cluster, BLS counted about 23.3 million jobs—the most of all the clusters. Median annual wages for these occupations ranged from $22,480 for stock clerks and order fillers to $171,610 for chief executives.

More than half of these occupations typically require a high school diploma or equivalent, but specific designations range from less than a high school diploma and short-term on-the-job training for stock clerks and order fillers to a bachelor's degree and 5 or more years of work experience in a related occupation for those such as computer and information systems managers.

BLS projects most job openings in the business management and administration cluster to be in occupations assigned to the administrative support pathway—including customer service representatives, the occupation expected to have the largest number of job openings in the cluster. (See chart 4.)

Chart 4. Occupations assigned to the business management and administration cluster that are projected to have the most job openings, 2012–22

Sources: National Association of State Directors of Career Technical Education Consortium (Career Cluster);
Bureau of Labor Statistics, Employment Projections program (projected job openings).
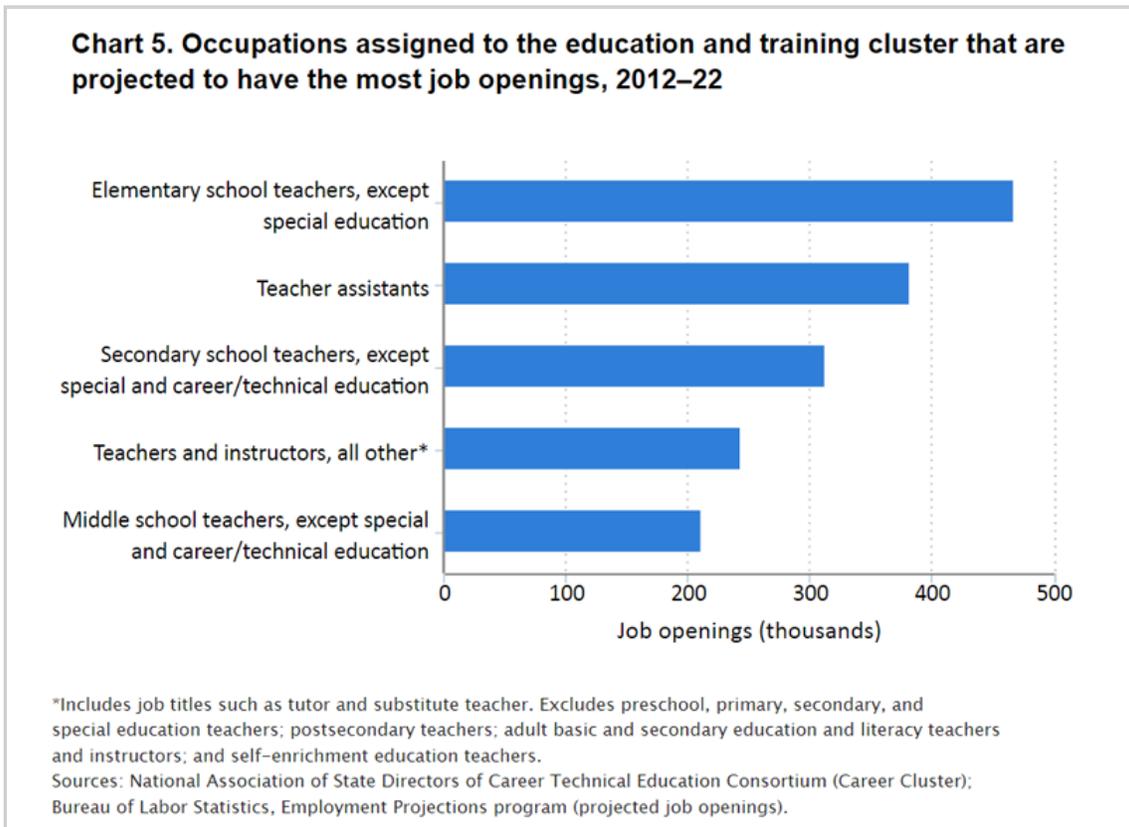
Education and training

Careers in the education and training cluster involve teaching and other tasks associated with schools, libraries, and museums. All of the education, training, and library occupations in the *OOH* are assigned to this cluster.

BLS counted about 8.7 million jobs in the SOC occupations that are assigned to the education and training cluster. Median annual wages for these occupations ranged from $24,000 for teacher assistants to $105,080 for postsecondary law teachers.

Nearly all of the occupations in this cluster typically require a bachelor's or higher degree for entry, and many teachers also must complete an internship. However, specific designations range from a high school diploma or equivalent for self-enrichment education teachers to a doctoral or professional degree and less than 5 years of work experience in a related occupation for postsecondary health specialties teachers.

BLS projects most job openings in the education and training cluster to be in occupations assigned to the teaching/training pathway. The occupation expected to have the largest number of job openings in the cluster is elementary school teachers. (See chart 5.)
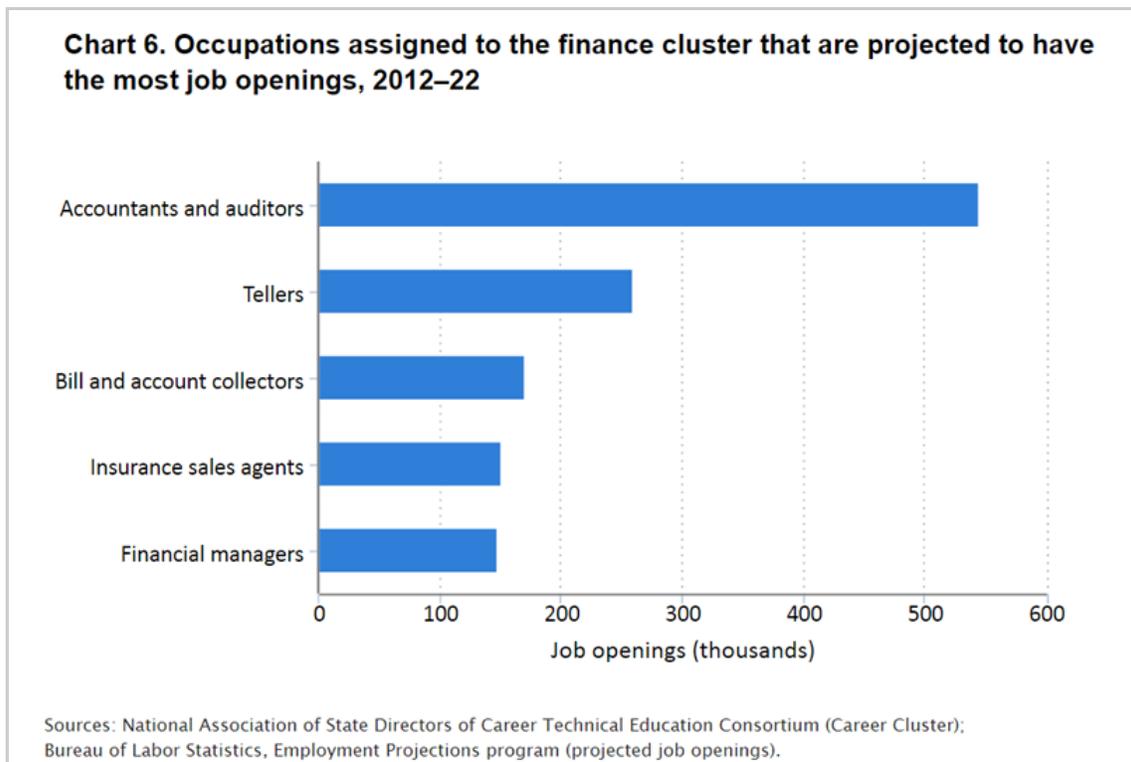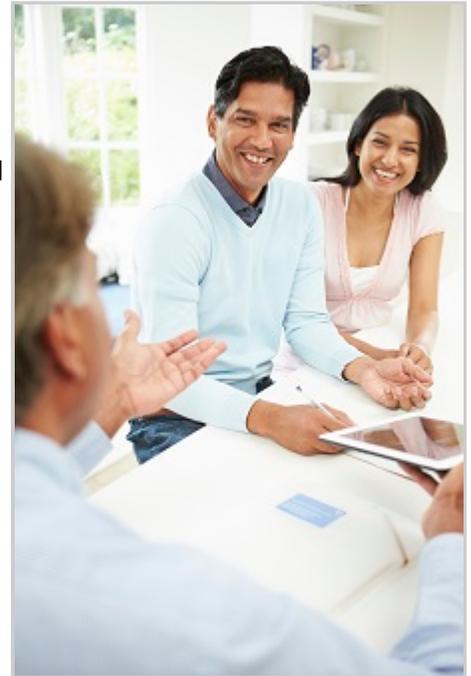
Chart 5. Occupations assigned to the education and training cluster that are projected to have the most job openings, 2012–22

Elementary school teachers, except special education
Teacher assistants
Secondary school teachers, except special and career/technical education
Teachers and instructors, all other*
Middle school teachers, except special and career/technical education

Job openings (thousands): 0, 100, 200, 300, 400, 500

*Includes job titles such as tutor and substitute teacher. Excludes preschool, primary, secondary, and special education teachers; postsecondary teachers; adult basic and secondary education and literacy teachers and instructors; and self-enrichment education teachers.
Sources: National Association of State Directors of Career Technical Education Consortium (Career Cluster); Bureau of Labor Statistics, Employment Projections program (projected job openings).

Finance

Careers in the finance cluster involve managing and working with money. A number of the business and financial and office and administrative support occupations in the *OOH* are assigned to this cluster.

BLS counted about 5.3 million jobs in the SOC occupations that are assigned to the finance cluster. Median annual wages for these occupations ranged from $25,390 for tellers to $112,700 for financial managers.

Many of the occupations in this cluster typically require a bachelor's degree for entry, although specific designations range from a high school diploma or equivalent and short-term on-the-job training for occupations such as loan interviewers and clerks to a bachelor's degree and 5 or more years of work experience in a related occupation for financial managers.

BLS projects occupations in the banking services pathway to have the most job openings in the cluster. But the occupation expected to have the largest number of job openings is in the accounting pathway: accountants and auditors. (See chart 6.)

Chart 6. Occupations assigned to the finance cluster that are projected to have the most job openings, 2012–22

Occupation	Job openings (thousands)
Accountants and auditors	~545
Tellers	~255
Bill and account collectors	~170
Insurance sales agents	~150
Financial managers	~145

Sources: National Association of State Directors of Career Technical Education Consortium (Career Cluster); Bureau of Labor Statistics, Employment Projections program (projected job openings).
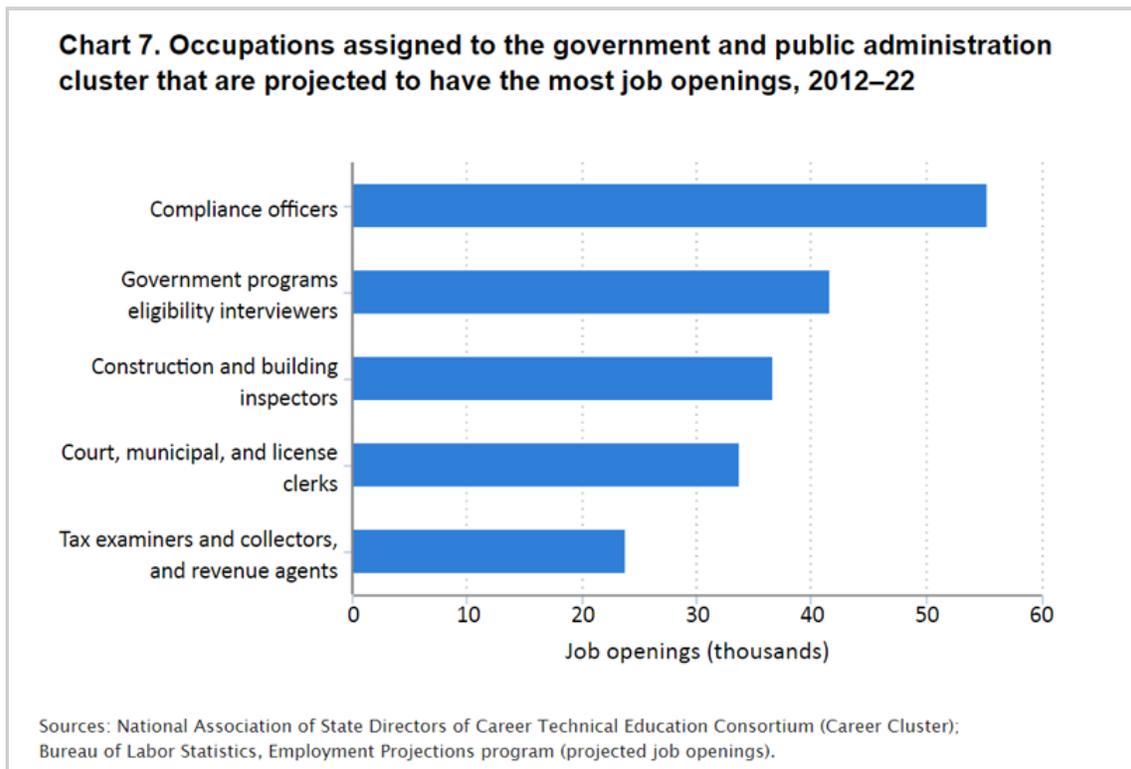
Government and public administration

Careers in the government and public administration cluster involve making laws, ensuring safety, and providing other public services. All of the military careers in the *OOH* are assigned to this cluster. However, BLS does not

collect employment and wage data, designate education and training, or make projections for military specific occupations. Therefore, the information that follows excludes these occupations.

BLS counted about 1 million jobs in the nonmilitary SOC occupations that are assigned to the government and public administration cluster. Median annual wages for these occupations ranged from $20,620 for legislators to $76,890 for financial examiners.

Many of the occupations in this cluster typically require a bachelor's degree for entry, but specific designations range from a high school diploma or equivalent and short-term on-the-job training for transportation security screeners to a master's degree for urban and regional planners.

BLS projects most job openings in this cluster to be in occupations assigned to the governance pathway. The occupation projected to have the largest number of job openings in the cluster is compliance officers. (See chart 7.)

Chart 7. Occupations assigned to the government and public administration cluster that are projected to have the most job openings, 2012–22

Sources: National Association of State Directors of Career Technical Education Consortium (Career Cluster); Bureau of Labor Statistics, Employment Projections program (projected job openings).
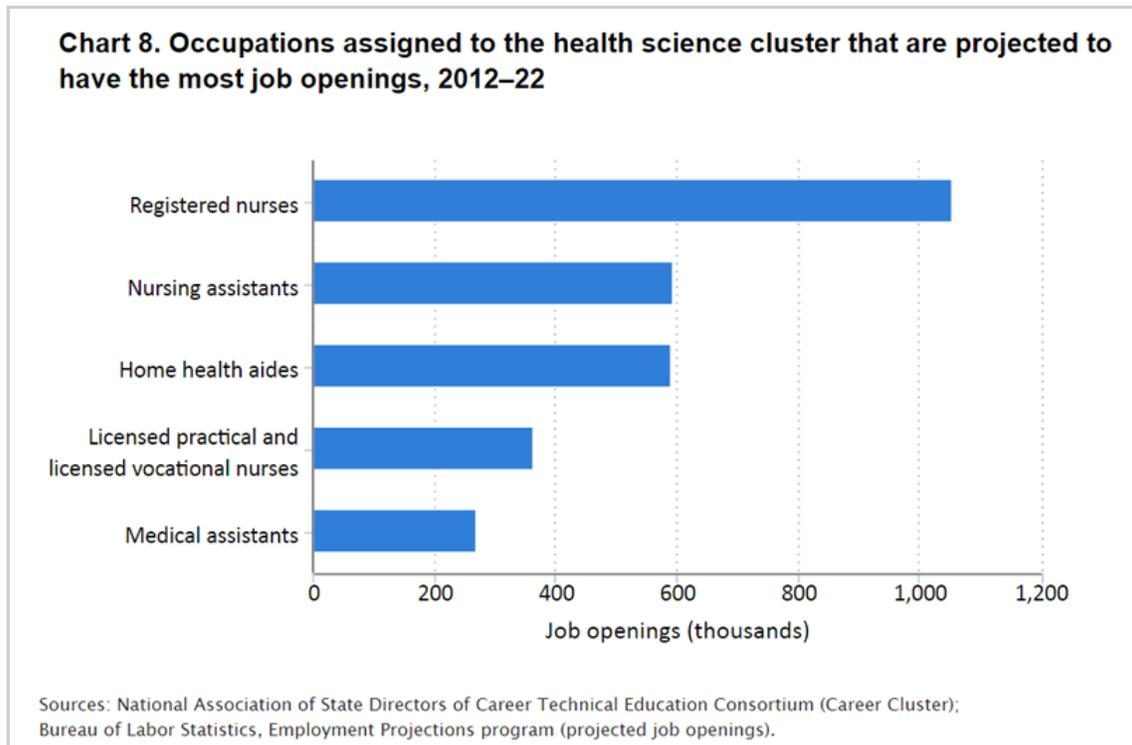
Health sciences

Careers in the health sciences cluster involve helping people and animals with the medical care they need to get or stay healthy. Nearly all of the healthcare occupations in the *OOH* are assigned to this cluster.

BLS counted about 12.2 million jobs in the SOC occupations that are assigned to the health sciences cluster. Median annual wages for these occupations ranged from $21,020 for home health aides to more than $187,200 (the highest median annual wage published by BLS) for occupations such as surgeons.

Occupations in the health sciences cluster typically require many different levels of education and training, with specific designations ranging from less than a high school diploma and short-term on-the-job training for home health aides to a doctoral or professional degree and an internship or residency for occupations such as pediatricians.

BLS projects most of the job openings in occupations assigned to the health sciences cluster to be in the therapeutic services pathway. The occupation projected to have many more job openings than any other in the cluster is registered nurses. (See chart 8.)

Chart 8. Occupations assigned to the health science cluster that are projected to have the most job openings, 2012–22

Occupation	Job openings (thousands)
Registered nurses	~1,050
Nursing assistants	~590
Home health aides	~585
Licensed practical and licensed vocational nurses	~360
Medical assistants	~265

Sources: National Association of State Directors of Career Technical Education Consortium (Career Cluster); Bureau of Labor Statistics, Employment Projections program (projected job openings).
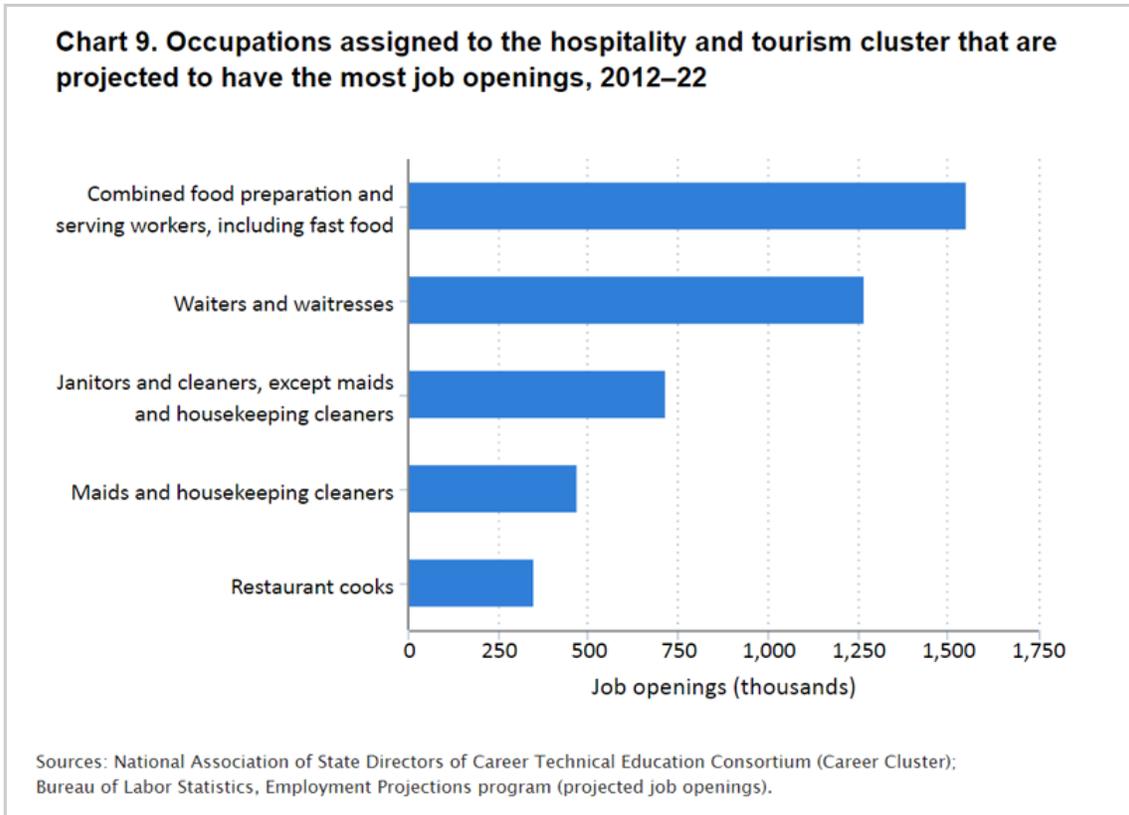
Hospitality and tourism

Careers in this cluster involve providing people with food, lodging, and related services. All of the food preparation and serving occupations and a number of the personal care and service occupations in the *OOH* are assigned to this cluster.

BLS counted about 17 million jobs in the SOC occupations that are assigned to the hospitality and tourism cluster, making this cluster one of the largest in terms of jobs. Median annual wages for these occupations ranged from $18,330 for combined food preparation and serving workers to $66,200 for gaming managers.

Nearly all of the occupations in this cluster typically require a high school diploma or less education, although specific designations vary and include, for example, a bachelor's degree for recreation workers.

BLS projects most of the job openings in occupations assigned to the hospitality and tourism cluster to be in the restaurants and food/beverage systems pathway. Of those occupations, the one expected to have the largest number of job openings is combined food preparation and serving workers. (See chart 9.)

Chart 9. Occupations assigned to the hospitality and tourism cluster that are projected to have the most job openings, 2012–22

Sources: National Association of State Directors of Career Technical Education Consortium (Career Cluster); Bureau of Labor Statistics, Employment Projections program (projected job openings).
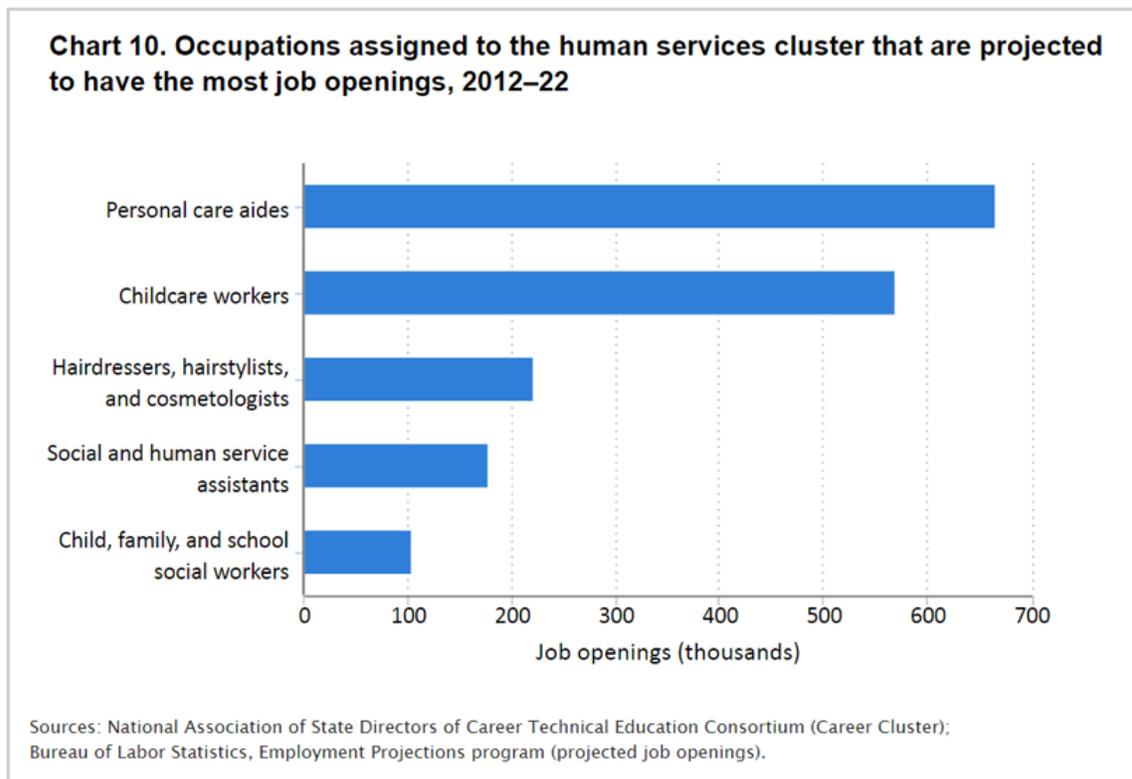
Human services

Careers in the human services cluster involve helping people with a variety of needs, such as counseling and fitness training. Nearly all of the community and social service occupations and many of the personal care and service occupations in the *OOH* are assigned to this cluster.

BLS counted about 5 million jobs in the SOC occupations that are assigned to the human services cluster. Median annual wages for these occupations varied. For example, the median annual wage for shampooers was $18,510, and the wage for industrial-organizational psychologists was $80,330.

Occupations in the human services cluster typically require many different levels of education and training, with specific designations ranging from less than a high school diploma and short-term on-the-job training for occupations such as laundry and dry-cleaning workers to a doctoral or professional degree and an internship or residency for clinical, counseling, and school psychologists.

BLS projects occupations assigned to the personal care services pathway to make up nearly half of the projected job openings in the human services cluster. The occupation projected to have the most job openings in the cluster is personal care aides. (See chart 10.)

Chart 10. Occupations assigned to the human services cluster that are projected to have the most job openings, 2012–22

Sources: National Association of State Directors of Career Technical Education Consortium (Career Cluster); Bureau of Labor Statistics, Employment Projections program (projected job openings).
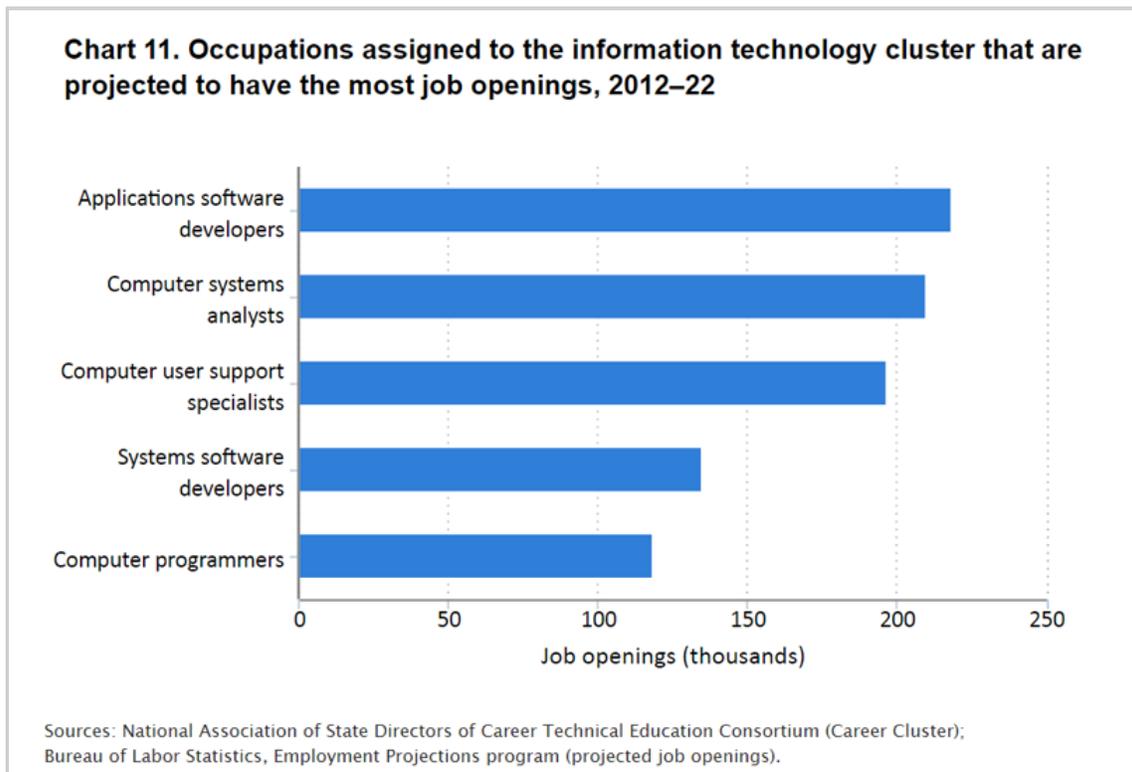
Information technology

Careers in the information technology cluster involve working with computer hardware, software, or network systems. Nearly all of the computer and information technology occupations in the *OOH* are assigned to this cluster.

BLS counted about 3.5 million jobs in the SOC occupations that are assigned to the information technology cluster. Median annual wages for these occupations ranged from $46,620 for computer user support specialists to $101,410 for systems software developers.

Most occupations in this cluster typically require a bachelor's degree for entry. However, specific designations range from some college but no degree and moderate-term on-the-job training for computer user support

specialists to a bachelor's degree and 5 or more years of work experience in a related occupation for computer network architects.

BLS projects more than half of all job openings in occupations assigned to the information technology cluster to be in the programming and software development pathway. The occupation projected to have the most job openings in the cluster is applications software developers. (See chart 11.)

Chart 11. Occupations assigned to the information technology cluster that are projected to have the most job openings, 2012–22

Sources: National Association of State Directors of Career Technical Education Consortium (Career Cluster); Bureau of Labor Statistics, Employment Projections program (projected job openings).

Law, public safety, corrections, and security
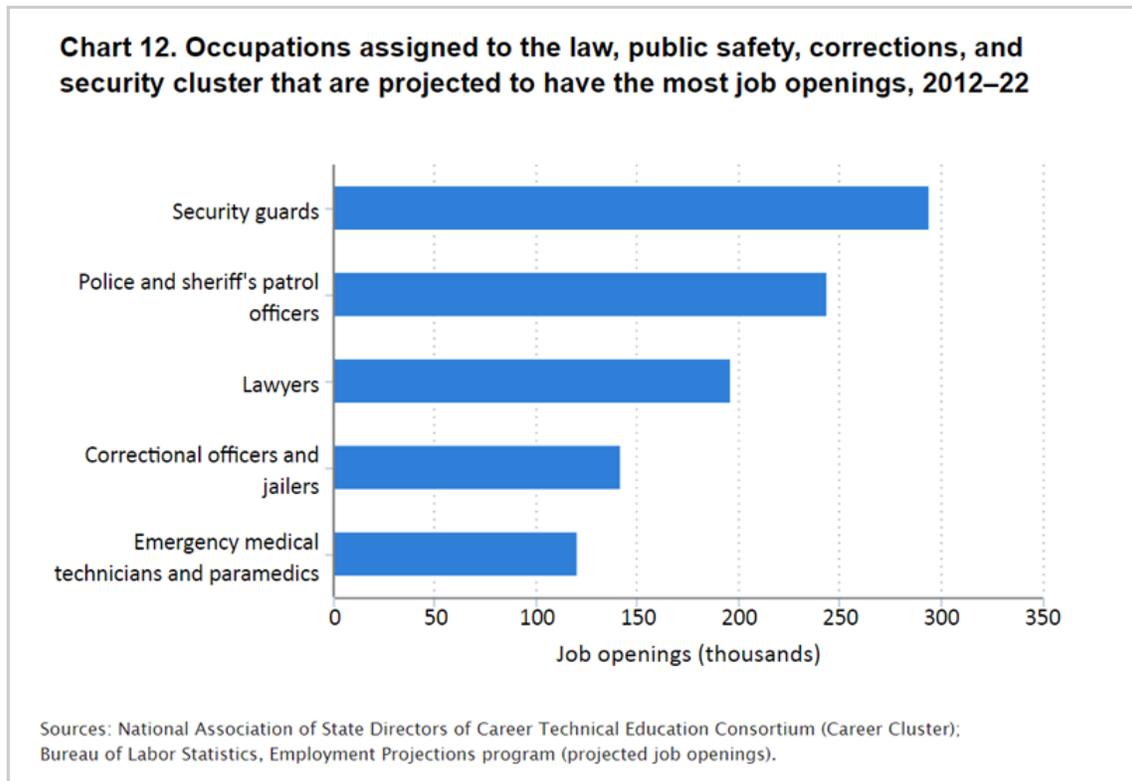
Careers in this cluster involve protecting people and enforcing rules. All of the legal occupations and nearly all of the protective service occupations in the *OOH* are assigned to this cluster.

BLS counted about 4.9 million jobs in the SOC occupations that are assigned to the law, public safety, corrections, and security cluster. Median annual wages for these occupations ranged from $19,040 for lifeguards, ski patrol, and other recreational protective service workers to $118,150 for judges, magistrate judges, and magistrates.

Many occupations in this cluster typically require a high school diploma or equivalent. However, specific designations range from less than a high school diploma and short-term on-the-job training for occupations such as security guards to a doctoral or professional degree, 5 or more years of work experience in a related occupation, and short-term on-the-job training for judges, magistrate judges, and magistrates.

BLS projects occupations assigned to the security and protective services pathway to have the most job openings in the law, public safety, corrections, and security cluster. Among the occupations in this pathway is security guards, which is projected to have the most job openings in the cluster. (See chart 12.)

Chart 12. Occupations assigned to the law, public safety, corrections, and security cluster that are projected to have the most job openings, 2012–22

Occupation	Job openings (thousands)
Security guards	~295
Police and sheriff's patrol officers	~245
Lawyers	~195
Correctional officers and jailers	~140
Emergency medical technicians and paramedics	~120

Sources: National Association of State Directors of Career Technical Education Consortium (Career Cluster); Bureau of Labor Statistics, Employment Projections program (projected job openings).
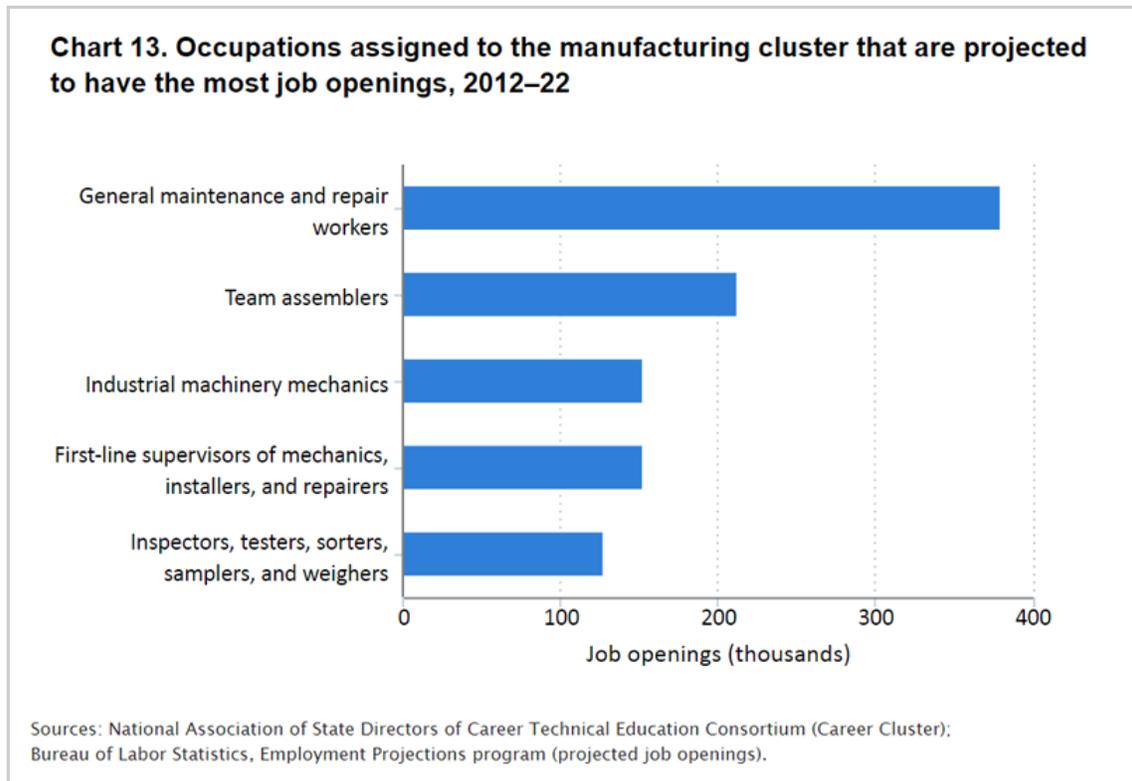
Manufacturing

Careers in the manufacturing cluster involve making products, such as food, cars, and household goods. Nearly all of the production occupations, many of the installation, maintenance, and repair occupations, and some of the architecture and engineering occupations in the *OOH* are assigned to this cluster.

BLS counted about 11.8 million jobs in the SOC occupations that are assigned to the manufacturing cluster. Median annual wages for these occupations ranged from $21,490 for sewing machine operators to $78,350 for nuclear power reactor operators.

Most occupations in this cluster typically require a high school diploma or equivalent, although specific designations range from less than a high school diploma and short-term on-the-job training for occupations such as production worker helpers to an associate's degree and long-term on-the-job training for camera and photographic equipment repairers.

BLS projects more than half of job openings in the manufacturing cluster to be in occupations assigned to the production pathway. However, the occupation expected to have the largest number of job openings is in the maintenance, installation, and repair pathway: general maintenance and repair workers. (See chart 13.)
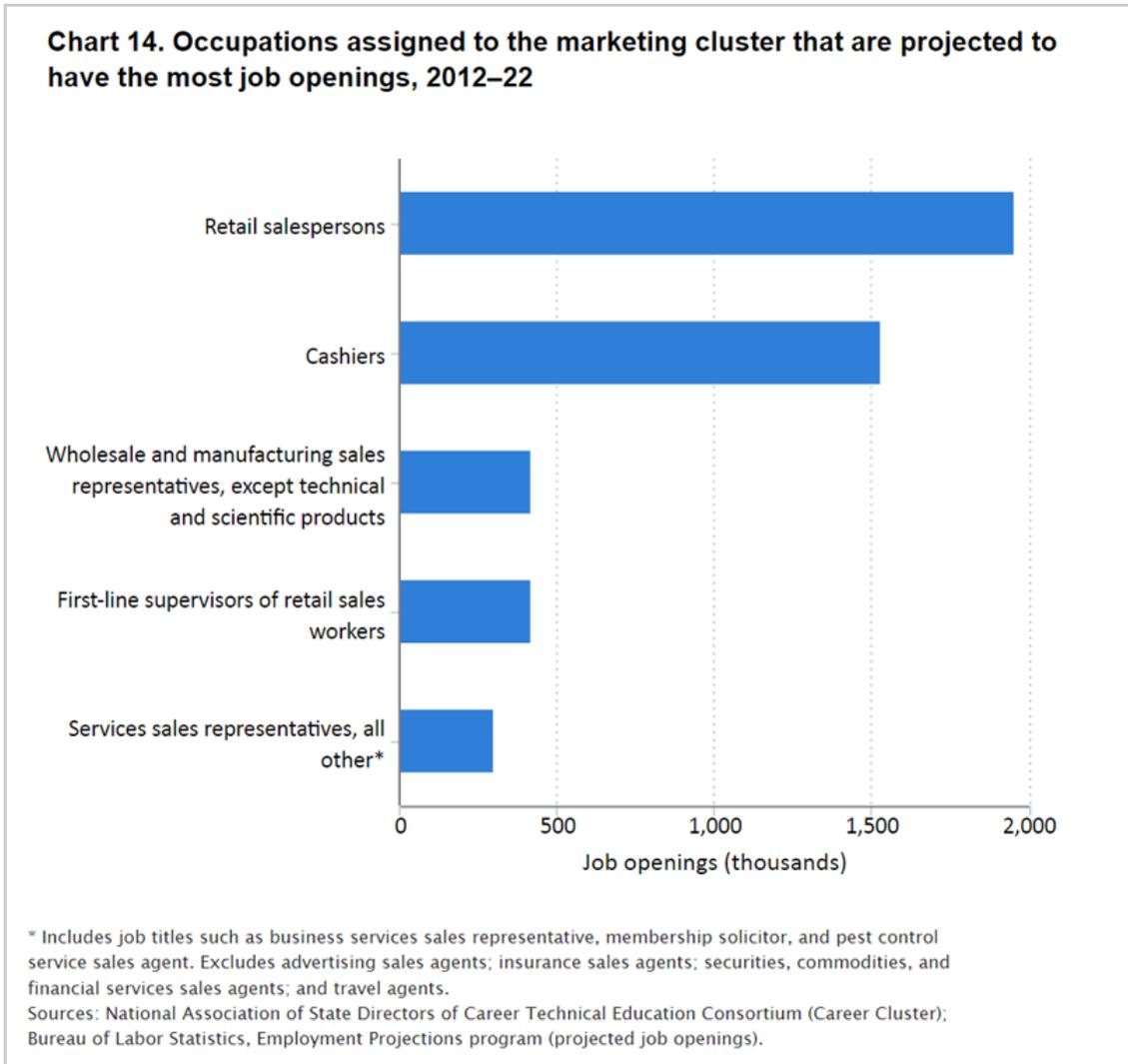
Chart 13. Occupations assigned to the manufacturing cluster that are projected to have the most job openings, 2012–22

General maintenance and repair workers — ~375

Team assemblers — ~210

Industrial machinery mechanics — ~150

First-line supervisors of mechanics, installers, and repairers — ~150

Inspectors, testers, sorters, samplers, and weighers — ~125

Job openings (thousands)

Sources: National Association of State Directors of Career Technical Education Consortium (Career Cluster); Bureau of Labor Statistics, Employment Projections program (projected job openings).

Marketing

Careers in the marketing cluster involve promoting and selling products and services. Most of the sales occupations and some of the management occupations in the *OOH* are assigned to this cluster.
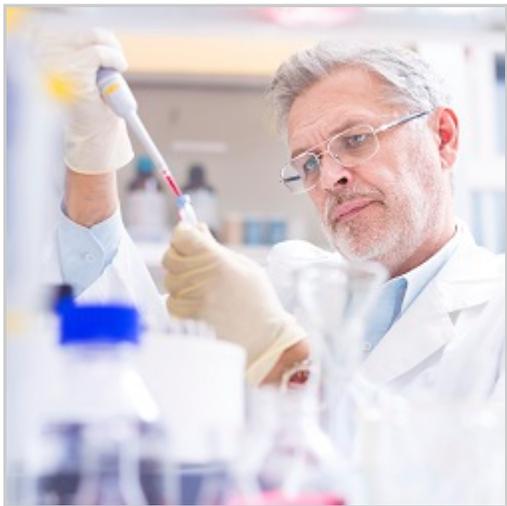
BLS counted about 15.3 million jobs in the SOC occupations that are assigned to the marketing cluster, one of the largest in terms of jobs. Median annual wages for these occupations ranged from $18,960 for cashiers to $123,220 for marketing managers.

Many of the occupations in this cluster typically require a high school diploma or equivalent; however, specific designations range from less than a high school diploma for models to a bachelor's degree and 5 or more years of work experience in a related occupation for occupations such as public relations and fundraising managers.

BLS projects most job openings in the marketing cluster to be in occupations assigned to the professional sales pathway. The occupation projected to have the largest number of job openings in the cluster is retail salespersons. (See chart 14.)

Chart 14. Occupations assigned to the marketing cluster that are projected to have the most job openings, 2012–22

* Includes job titles such as business services sales representative, membership solicitor, and pest control service sales agent. Excludes advertising sales agents; insurance sales agents; securities, commodities, and financial services sales agents; and travel agents.
Sources: National Association of State Directors of Career Technical Education Consortium (Career Cluster); Bureau of Labor Statistics, Employment Projections program (projected job openings).
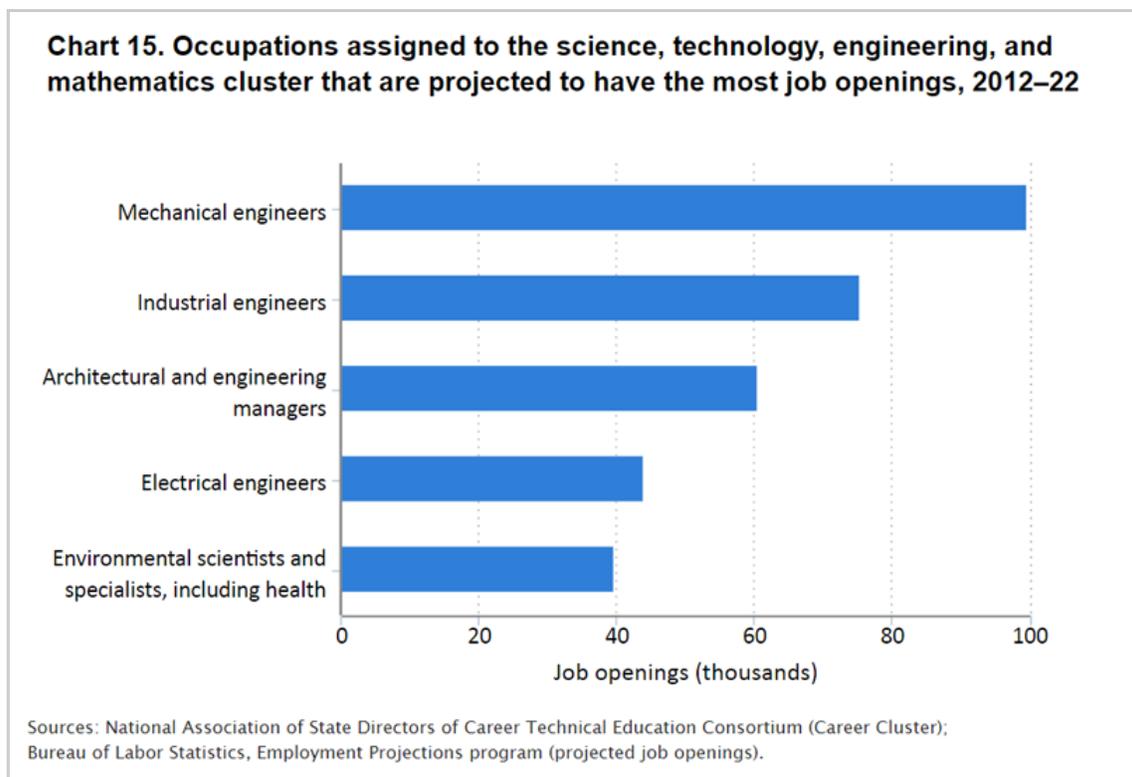
Science, technology, engineering, and mathematics

Careers in the STEM cluster involve solving problems through research and design. Many of the life, physical, and social science; architecture and engineering; and math occupations in the *OOH* are assigned to this cluster.

BLS counted about 2 million jobs in the SOC occupations that are assigned to the science, technology, engineering, and mathematics cluster. Median annual wages for these occupations ranged from $38,310 for social science research assistants to $132,320 for petroleum engineers.

Nearly all of the occupations in this cluster typically require a bachelor's or higher degree for entry. But specific designations also include, for example, an associate's degree for occupations such as social science research assistants.

More than half of the projected job openings in occupations assigned to the science, technology, engineering, and mathematics cluster are in the engineering and technology pathway. The occupation expected to have the most job openings in the cluster is mechanical engineers. (See chart 15.)

Chart 15. Occupations assigned to the science, technology, engineering, and mathematics cluster that are projected to have the most job openings, 2012–22

Occupation	Job openings (thousands)
Mechanical engineers	~99
Industrial engineers	~75
Architectural and engineering managers	~60
Electrical engineers	~44
Environmental scientists and specialists, including health	~40

Sources: National Association of State Directors of Career Technical Education Consortium (Career Cluster); Bureau of Labor Statistics, Employment Projections program (projected job openings).
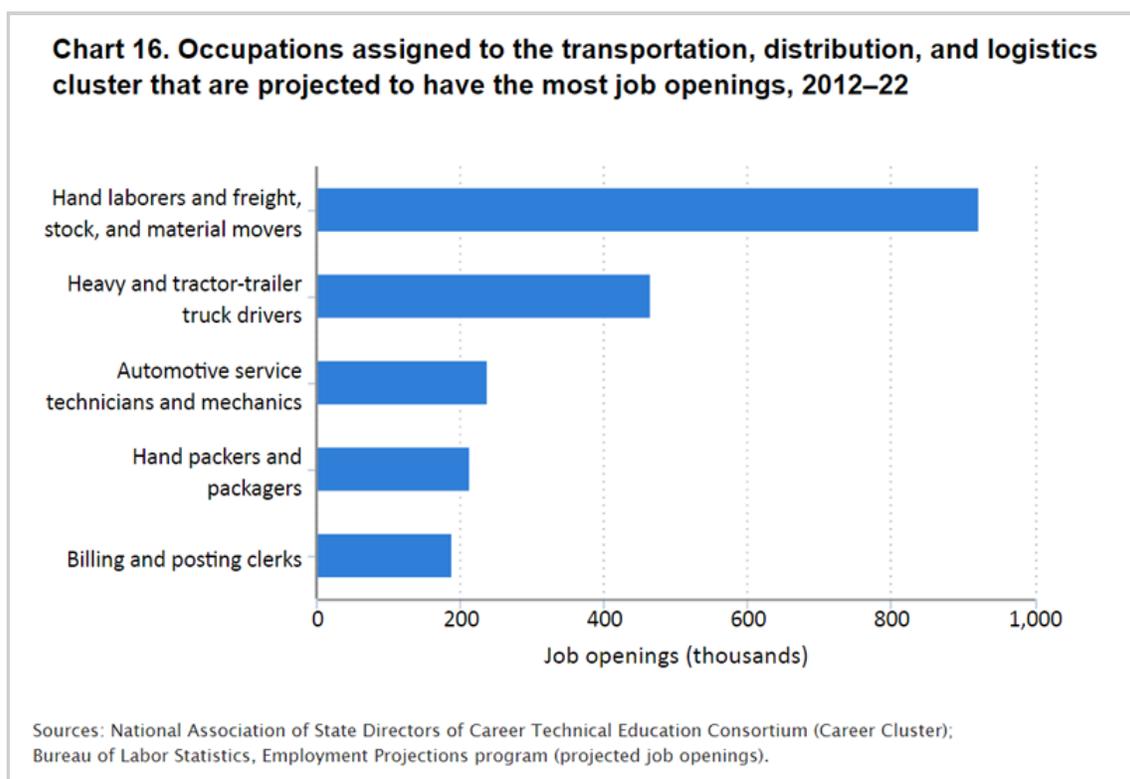
Transportation, distribution, and logistics

Careers in this cluster involve moving people and products from one place to another. Most of the transportation and material moving occupations and some of the installation, maintenance, and repair occupations in the *OOH* are assigned to this cluster.

BLS counted about 10.7 million jobs in the SOC occupations that are assigned to the transportation, distribution, and logistics cluster. Median annual wages for these occupations ranged from $19,500 for parking lot attendants to $121,280 for air traffic controllers.

Most of the occupations in this cluster typically require a high school diploma or equivalent for entry. However, specific designations range from less than a high school diploma and short-term on-the-job training for occupations

such as taxi drivers and chauffeurs to a bachelor's degree, less than 5 years of work experience in a related occupation, and moderate-term on-the-job training for airline pilots, copilots, and flight engineers.

BLS projects most job openings in the transportation, distribution, and logistics cluster to be in occupations assigned to the transportation operations pathway. The occupation projected to have the largest number of job openings is hand laborers and freight, stock, and material movers. (See chart 16.)

Chart 16. Occupations assigned to the transportation, distribution, and logistics cluster that are projected to have the most job openings, 2012–22

Occupation	Job openings (thousands)
Hand laborers and freight, stock, and material movers	~920
Heavy and tractor-trailer truck drivers	~460
Automotive service technicians and mechanics	~235
Hand packers and packagers	~210
Billing and posting clerks	~185

Sources: National Association of State Directors of Career Technical Education Consortium (Career Cluster); Bureau of Labor Statistics, Employment Projections program (projected job openings).

Making the connection

Although the SOC system and Career Clusters framework group jobs differently, both methods are designed to cover all types of work in our economy. Career planners may be familiar with one or both methods, but they may not realize that connecting these two systems broadens the scope of coverage. Linking a cluster or pathway to SOC occupations yields access to BLS data and information on employment, wages, projections, and more.

Several crosswalks, which provide a way to match one classification scheme to another, link the SOC occupations that BLS uses with Career Clusters and pathways. To help with career-search options, some crosswalks list the same occupation in more than one place. That way, someone who might be interested in an occupation would find it more easily.

This article, however, uses a crosswalk that assigns each occupation to just one cluster and pathway, which prevents an occupation from being counted more than once. (See table 5 of the Perkins IV crosswalk.) Using this crosswalk ensures a more accurate count of jobs.

Learn more

Continue exploring BLS career information with the *Occupational Outlook Handbook*, which provides job descriptions, education and training requirements, data on employment and wages, and more for hundreds of occupations.

The full 2010 SOC system structure, including all 840 detailed occupations, their definitions, and illustrative examples, is presented on the SOC page on the BLS website.

The National Association of State Directors of Career Technical Education Consortium has more detail about the Career Clusters framework.

Check with your state's Department of Education or your state's labor market information office to learn about how Career Clusters and pathways are used in schools and workforce agencies near you.

For a complete list of the SOC occupations assigned to each of the Career Clusters and pathways, refer to the Perkins IV crosswalks created by the U.S. Department of Education.

The U.S. Department of Labor's Occupational Information Network has a tool that lets you search for occupations by Career Cluster.

Elka Torpey is an economist in the Office of Occupational Statistics and Employment Projections, BLS. She can be reached at torpey.elka@bls.gov.

RELATED CONTENT

Career planning for high schoolers

Education level and jobs: Opportunities by state

Charting the projections: 2012-22

The 2010 SOC: A classification system gets an update

RELATED SUBJECTS

Employment | Job search | Occupations | Openings | Career planning