

Career Pathway Map: Accounting Statewide

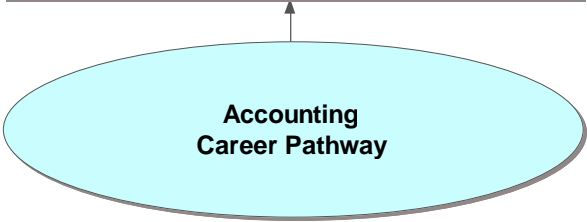
Information contained in this career pathways map encompasses the entire state of Pennsylvania. The information contains projections of anticipated openings, entry level salary, and job growth. Actual career pathways may look different depending on the individual and the local area job market.

Career Pathways programs provide:

- workplace skills instruction
- GED® Tests preparation
- academic skills specific to the industry
- entrance exam preparation
- postsecondary transition preparation
- English language skills instruction
- goal setting/case management support
- provide employability/soft skills instruction

Postsecondary education and training available through:

- Local Career and Technology Centers
- Local Business Schools
- Local Technical Schools
- Local Community Colleges
- Local Universities



(Hardy, Institute for the Study of Adult Literacy, 2013)

Sources of Information:
 -Pennsylvania Department of Labor & Industry, Center for Workforce Information and Analysis. (2013). Labor Market Information System. Retrieved from <https://paworkstats.geosolinc.com>
 -U.S. Department of Labor, Employment and Training Administration. (2013). O*Net Online. Retrieved from: <http://www.onetonline.org>

Career Pathway Map: Computer Support Statewide

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Postsecondary education and training available through:

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- Local Technical Schools
- Local Community Colleges
- Local Universities

Computer Systems Analysts

SOC Code 15-1121

Entry Level Salary \$55,542

Projected Annual Openings 929

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Usually requires technical training, on the job experience, or an Associate's degree

Network and Computer Systems Administrator

SOC Code 15-1121

Entry Level Salary \$51,542

Projected Annual Openings 530

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Usually requires technical training, on the job experience, or an Associate's degree

Database Administrators

SOC Code 15-1141

Entry Level Salary \$50,861

Projected Annual Openings 113

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Usually requires technical training, on the job experience, or an Associate's degree

Computer User Support Specialist

SOC Code 15-1150

Entry Level Salary \$25,354

Projected Annual Openings 744

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Usually requires High School Diploma/Commonwealth Secondary School Diploma/GED®

Computer Support Career Pathway

(Hardy, Institute for the Study of Adult Literacy, 2013)

Sources of Information:

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 -U.S. Department of Labor, Employment and Training Administration. (2013). O*Net Online. Retrieved from: <http://www.onetonline.org>

Career Pathway Map: Customer Service Statewide

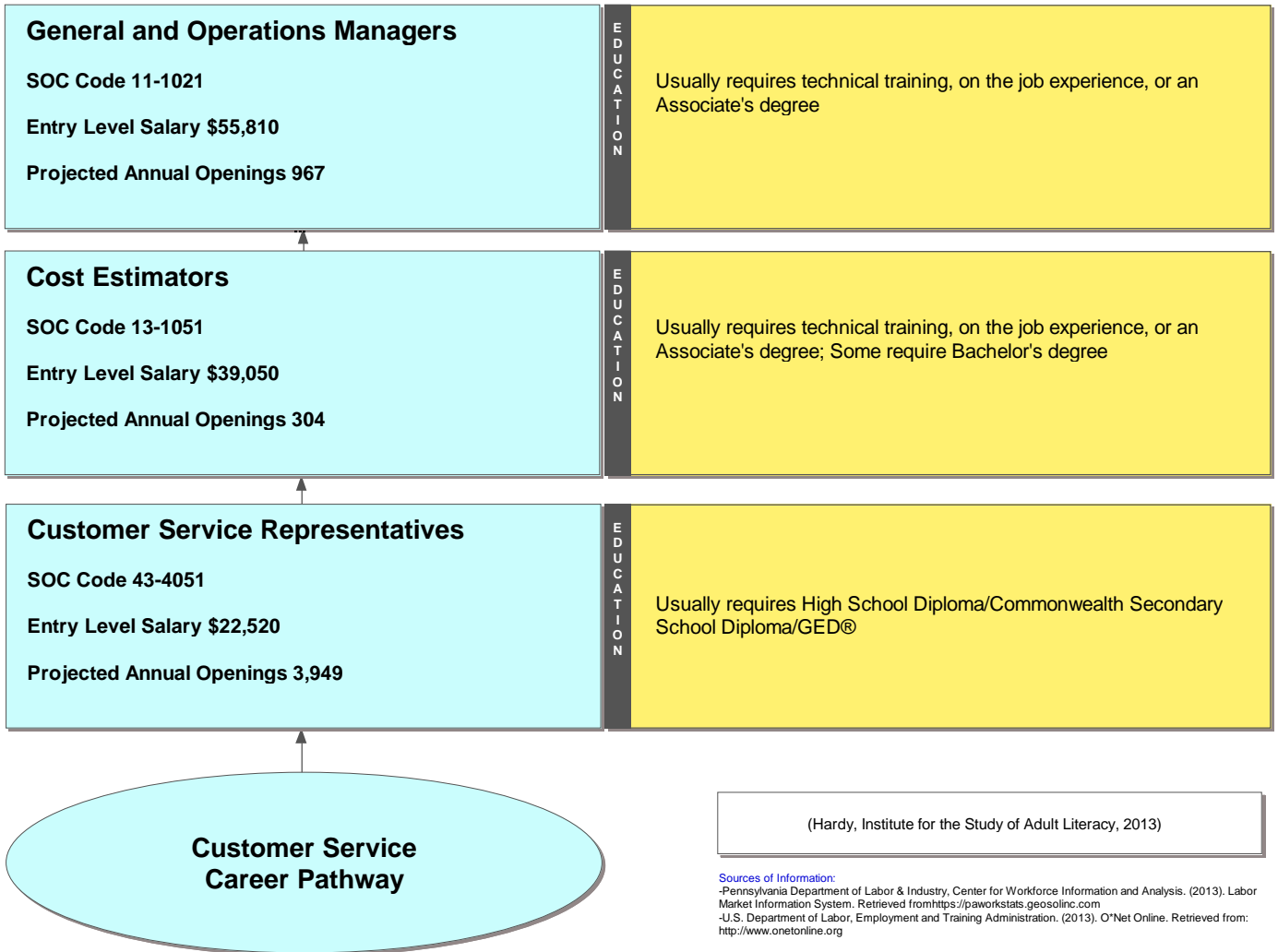
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- English language skills instruction
- goal setting/case management support
- provide employability/soft skills instruction

Postsecondary education and training available through:

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- Local Business Schools
- Local Technical Schools
- Local Community Colleges
- Local Universities



Career Pathway Map: Electrical Drafters Statewide

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- GED® Tests preparation
- academic skills specific to the industry
- entrance exam preparation
- postsecondary transition preparation
- English language skills instruction
- goal setting/case management support
- provide employability/soft skills instruction

Postsecondary education and training available through:

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- Local Business Schools
- Local Technical Schools
- Local Community Colleges
- Local Universities

American Design Drafting Association (ADDA)

Mechanical Drafters

SOC Code 17-3013

Entry Level Salary \$32,290

Projected Annual Openings 118

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Usually requires technical training, on the job experience, or an Associate's degree

Certifications: ADDA Drafter Certification, Mechanical Drafting Certificate

Electrical & Electronic Drafters

SOC Code 17-3012

Entry Level Salary \$37,950

Projected Annual Openings 36

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Usually requires technical training, on the job experience, or an Associate's degree

Certifications: ADDA Drafter Certification, Electrical Drafting Certificate

Helpers - Electricians

SOC Code 47-3013

Entry Level Salary \$21,640

Projected Annual Openings 56

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Usually requires High School Diploma/Commonwealth Secondary School Diploma/GED®

Electrical Drafters Career Pathway

(Hardy, Institute for the Study of Adult Literacy, 2013)

Sources of Information:

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Career Pathway Map: Electricians Statewide

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- GED® Tests preparation
- academic skills specific to the industry
- entrance exam preparation
- postsecondary transition preparation
- English language skills instruction
- goal setting/case management support
- provide employability/soft skills instruction

Postsecondary education and training available through:

- Local Career and Technology Centers
- Local Business Schools
- Local Technical Schools
- Local Community Colleges
- Local Universities

Supervisors of Mechanics, Installers & Repairers

SOC Code 49-1011

Entry Level Salary \$45,390

Projected Annual Openings 350

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Usually requires technical training, on the job experience, or an Associate's degree

Electrical and Electronics Installers & Repairers, Transportation Equipment

SOC Code 49-2093

Entry Level Salary \$33,070

Projected Annual Openings 7

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Usually requires technical training, on the job experience, or an Associate's degree

Electricians

SOC Code 47-2111

Entry Level Salary \$35,570

Projected Annual Openings 679

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Usually requires technical training, on the job experience, or an Associate's degree

Helpers - Installation, Maintenance & Repair Workers

SOC Code 49-9098

Entry Level Salary \$17,810

Projected Annual Openings 163

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Usually requires High School Diploma/Commonwealth Secondary School Diploma/GED®

Electricians Career Pathway

(Hardy, Institute for the Study of Adult Literacy, 2013)

Sources of Information:

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- U.S. Department of Labor, Employment and Training Administration. (2013). O*Net Online. Retrieved from: <http://www.onetonline.org>

Career Pathway Map: Machinists Statewide

Information contained in this career pathways map encompasses the entire state of Pennsylvania. The information contains projections of anticipated openings, entry level salary, and job growth. Actual career pathways may look different depending on the individual and the local area job market.

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- entrance exam preparation
- postsecondary transition preparation
- English language skills instruction
- goal setting/case management support
- provide employability/soft skills instruction

Postsecondary education and training available through:

- Local Career and Technology Centers
- Local Business Schools
- Local Technical Schools
- Local Community Colleges
- Local Universities

National Institute for Metalworking Skills (NIMS)

Supervisors, Production and Operating Workers

SOC Code 51-1011

Entry Level Salary \$37,000

Projected Annual Openings 515

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Usually requires technical training, on the job experience, or an Associate's degree

Computer Numerically Controlled Machine Tool Programmers

SOC Code 51-4012

Entry Level Salary \$32,430

Projected Annual Openings 14

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Usually requires technical training, on the job experience, or an Associate's degree

Certifications : Machining Certificate (Levels I, II, III)

Machinists

SOC Code 51-4041

Entry Level Salary \$28,900

Projected Annual Openings 319

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Usually requires technical training, on the job experience, or an Associate's degree

Certifications : Machining Certificate (Levels I, II, III)

Computer-Controlled Machine Tool Operators

SOC Code 51-4011

Entry Level Salary \$26,740

Projected Annual Openings 95

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Usually requires technical training, on the job experience, or an Associate's degree

Certifications : Machining Certificate (Levels I, II, III)

Multiple Machine Tool Operators and Tenders

SOC Code 51-4081

Entry Level Salary \$24,290

Projected Annual Openings 112

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Usually requires High School Diploma/Commonwealth Secondary School Diploma/GED®

Certifications : Metalforming Certificate

Machinists Career Pathway

(Hardy, Institute for the Study of Adult Literacy, 2013)

Sources of Information:

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Career Pathway Map: Maintenance Statewide

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- GED® Tests preparation
- academic skills specific to the industry
- entrance exam preparation
- postsecondary transition preparation
- English language skills instruction
- goal setting/case management support
- provide employability/soft skills instruction

Postsecondary education and training available through:

- Local Career and Technology Centers
- Local Business Schools
- Local Technical Schools
- Local Community Colleges
- Local Universities

Supervisors of Mechanics, Installers & Repairers

SOC Code 49-1011

Entry Level Salary \$45,390

Projected Annual Openings 350

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Usually requires technical training, on the job experience, or an Associate's degree

Industrial Machinery Mechanics

SOC Code 49-9041

Entry Level Salary \$32,900

Projected Annual Openings 401

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Usually requires technical training, on the job experience, or an Associate's degree

Certifications: Instrument Control Technology, Industrial Maintenance Technology

Maintenance Workers, Machinery

SOC Code 49-9043

Entry Level Salary \$28,040

Projected Annual Openings 217

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Usually requires technical training, on the job experience, or an Associate's degree

Helpers - Installation, Maintenance & Repair Workers

SOC Code 49-9098

Entry Level Salary \$17,810

Projected Annual Openings 163

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Usually requires High School Diploma/Commonwealth Secondary School Diploma/GED®

Maintenance Career Pathway

(Hardy, Institute for the Study of Adult Literacy, 2013)

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Career Pathway Map: Office Workers Statewide

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Postsecondary education and training available through:

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- Local Community Colleges
- Local Universities

Supervisors of Office and Administrative Support Workers

SOC Code 43-1011

Entry Level Salary \$34,630

Projected Annual Openings 1,069

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Usually requires technical training, on the job experience, or an Associate's degree

Executive Secretaries and Administrative Assistants

SOC Code 43-6011

Entry Level Salary \$33,560

Projected Annual Openings 776

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Usually requires technical training, on the job experience, or an Associate's degree

Secretaries and Administrative Assistants

SOC Code 43-6014

Entry Level Salary \$22,160

Projected Annual Openings 1,498

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Usually requires technical training, on the job experience, or an Associate's degree

Office Clerks

SOC Code 43-9061

Entry Level Salary \$19,200

Projected Annual Openings 3,261

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Usually requires High School Diploma/Commonwealth Secondary School Diploma/GED®

Office Workers Career Pathway

(Hardy, Institute for the Study of Adult Literacy, 2013)

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Career Pathway Map: Computer Programmers Statewide

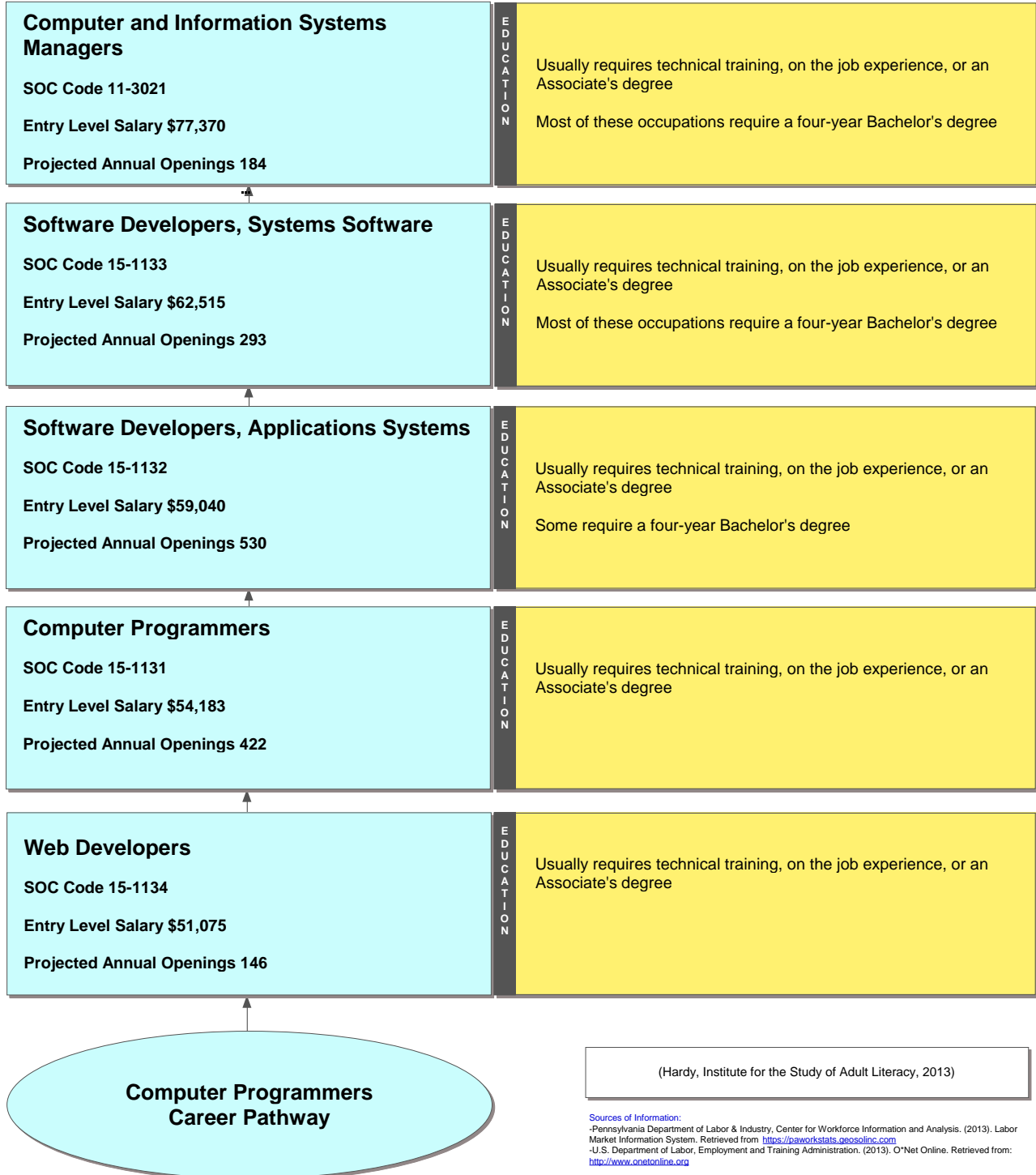
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Career Pathway Map: Sales Statewide

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- postsecondary transition preparation
- English language skills instruction
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- provide employability/soft skills instruction

Postsecondary education and training available through:

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- Local Business Schools
- Local Technical Schools
- Local Community Colleges
- Local Universities

Sales Managers

SOC Code 11-2022

Entry Level Salary \$61,060

Projected Annual Openings 228

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Most require Bachelor's degree

Sales Representatives, Wholesale and Manufacturing

SOC Code 41-4012

Entry Level Salary \$35,610

Projected Annual Openings 2,007

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Some require Bachelor's degree

Order Fillers, Wholesale and Retail Sales

SOC Code 43-5081

Entry Level Salary \$16,990

Projected Annual Openings 1,704

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Usually requires High School Diploma/Commonwealth Secondary School Diploma/GED®

Customer Service Representatives

SOC Code 43-4051

Entry Level Salary \$22,520

Projected Annual Openings 3,949

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Usually requires High School Diploma/Commonwealth Secondary School Diploma/GED®

Sales
Career Pathway

(Hardy, Institute for the Study of Adult Literacy, 2013)

Sources of Information:

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Career Pathway Map: Shipping and Receiving Statewide

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