Career Pathway Map: Computer Support 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

Computer Systems Analysts

SOC Code 15-1121

Entry Level Salary $55,542

Projected Annual Openings 929

EDUCATION

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

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Network and Computer Systems Administrator

SOC Code 15-1121

Entry Level Salary $51,542

Projected Annual Openings 530

EDUCATION

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

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Database Administrators

SOC Code 15-1141

Entry Level Salary $50,861

Projected Annual Openings 113

EDUCATION

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

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Computer User Support Specialist

SOC Code 15-1150

Entry Level Salary $25,354

Projected Annual Openings 744

EDUCATION

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

Computer Support Career Pathway

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

Career Pathway Map: Customer Service
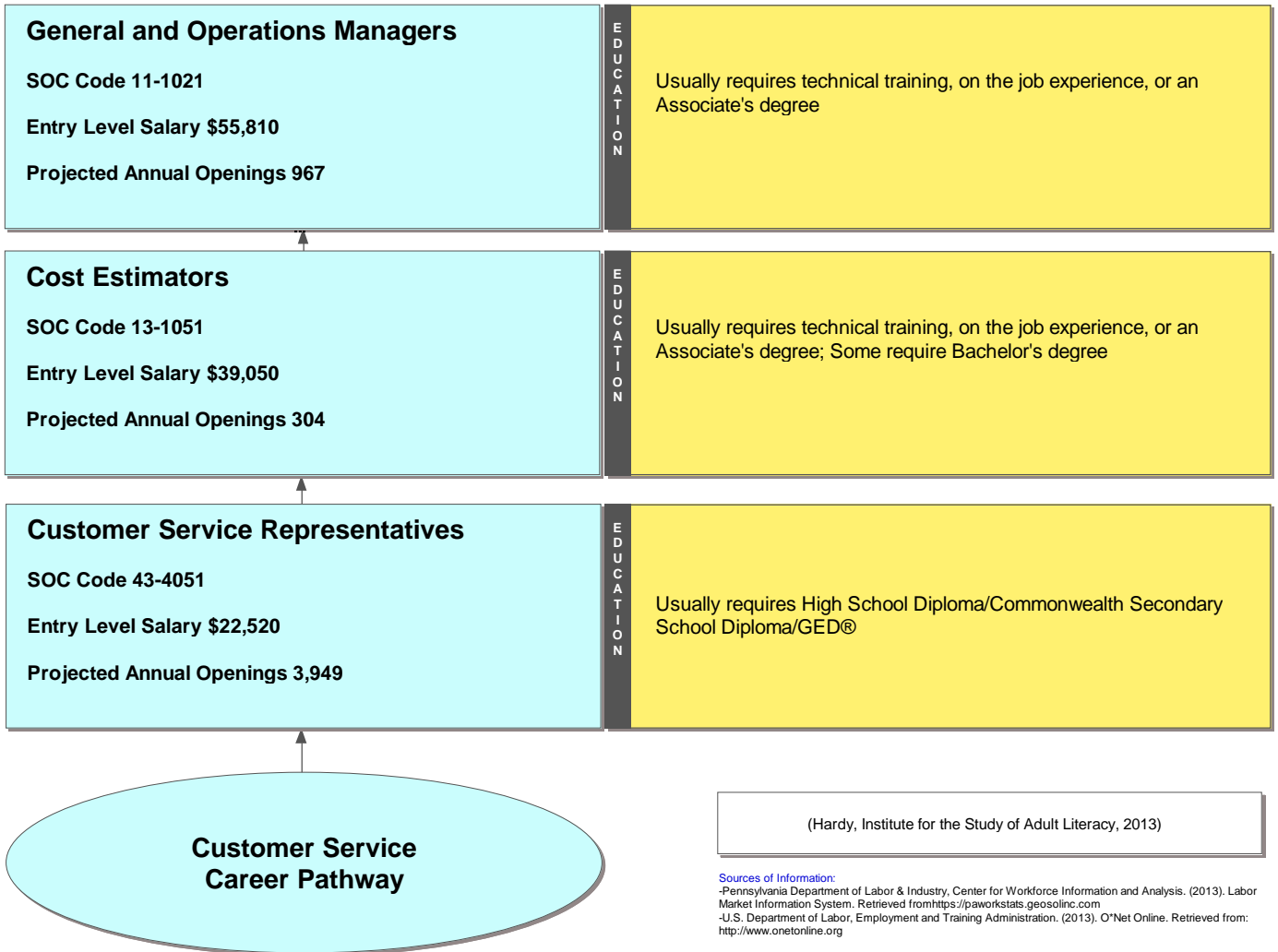# Statewide

Information contained in this career pathways map encompasses the state of Pennsylvania. The information contains projections of anticipated openings and entry level salary. 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

General and Operations Managers

SOC Code 11-1021

Entry Level Salary $55,810

Projected Annual Openings 967

EDUCATION

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

Cost Estimators

SOC Code 13-1051

Entry Level Salary $39,050

Projected Annual Openings 304

EDUCATION

Usually requires technical training, on the job experience, or an Associate's degree; Some require Bachelor's degree

Customer Service Representatives

SOC Code 43-4051

Entry Level Salary $22,520

Projected Annual Openings 3,949

EDUCATION

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

Customer Service Career Pathway

(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 fromhttps://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: Office Workers
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

Supervisors of Office and Administrative Support Workers	EDUCATION	Usually requires technical training, on the job experience, or an Associate's degree
SOC Code 43-1011 Entry Level Salary $34,630 Projected Annual Openings 1,069		

Executive Secretaries and Administrative Assistants	EDUCATION	Usually requires technical training, on the job experience, or an Associate's degree
SOC Code 43-6011 Entry Level Salary $33,560 Projected Annual Openings 776		

Secretaries and Administrative Assistants	EDUCATION	Usually requires technical training, on the job experience, or an Associate's degree
SOC Code 43-6014 Entry Level Salary $22,160 Projected Annual Openings 1,498		

Office Clerks	EDUCATION	Usually requires High School Diploma/Commonwealth Secondary School Diploma/GED®
SOC Code 43-9061 Entry Level Salary $19,200 Projected Annual Openings 3,261		

Office Workers Career Pathway

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

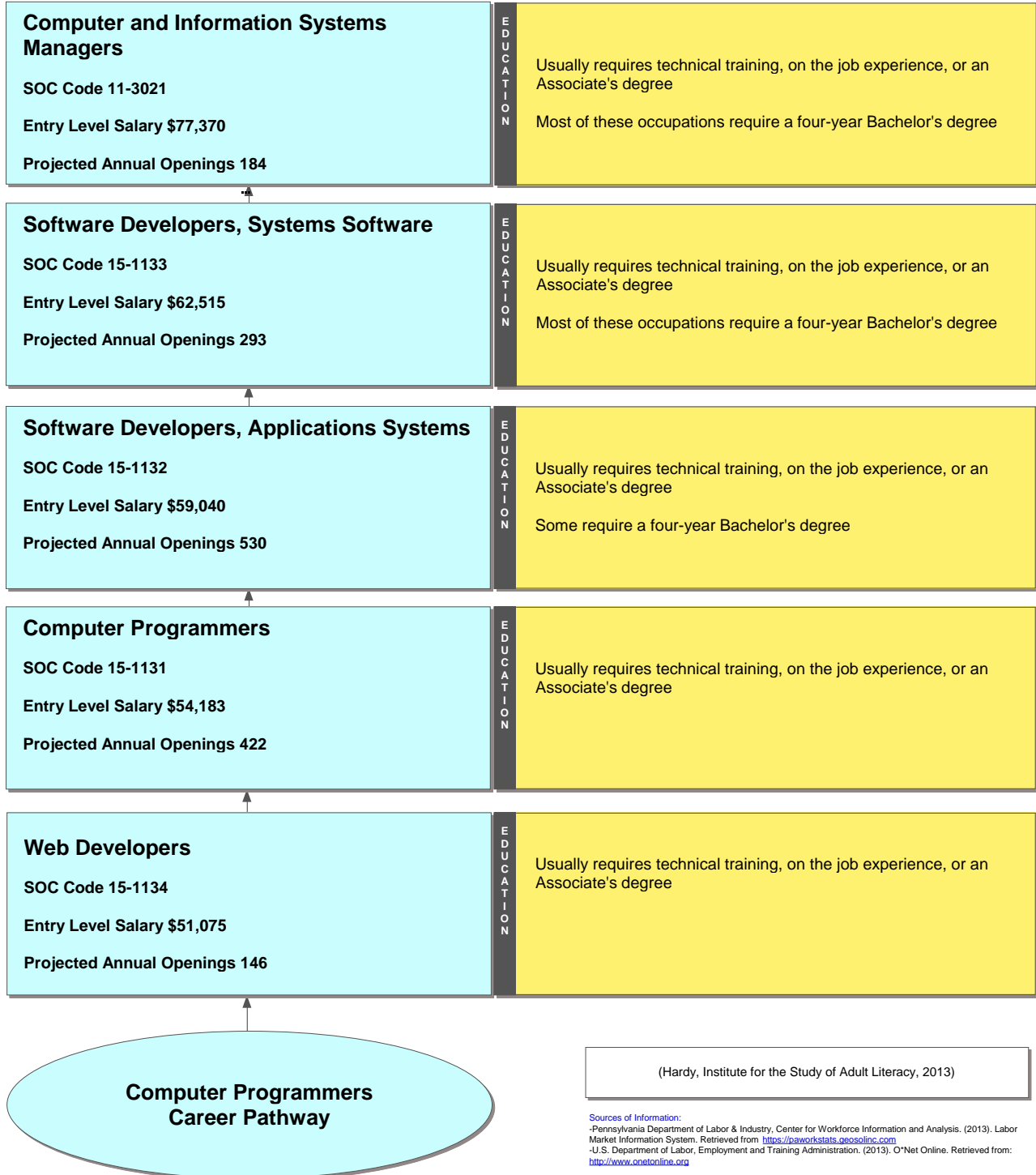# Career Pathway Map: Computer Programmers
Statewide

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

Computer and Information Systems Managers

SOC Code 11-3021

Entry Level Salary $77,370

Projected Annual Openings 184

EDUCATION

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

Most of these occupations require a four-year Bachelor's degree

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Software Developers, Systems Software

SOC Code 15-1133

Entry Level Salary $62,515

Projected Annual Openings 293

EDUCATION

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

Most of these occupations require a four-year Bachelor's degree

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Software Developers, Applications Systems

SOC Code 15-1132

Entry Level Salary $59,040

Projected Annual Openings 530

EDUCATION

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

Some require a four-year Bachelor's degree

Computer Programmers

SOC Code 15-1131

Entry Level Salary $54,183

Projected Annual Openings 422

EDUCATION

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

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Web Developers

SOC Code 15-1134

Entry Level Salary $51,075

Projected Annual Openings 146

EDUCATION

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

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Computer Programmers Career Pathway

(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: Sales
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

Sales Managers

SOC Code 11-2022

Entry Level Salary $61,060

Projected Annual Openings 228

| EDUCATION | Most require Bachelor's degree |

Sales Representatives, Wholesale and Manufacturing

SOC Code 41-4012

Entry Level Salary $35,610

Projected Annual Openings 2,007

| EDUCATION | 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

| EDUCATION | 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

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

**Sales
Career Pathway**

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