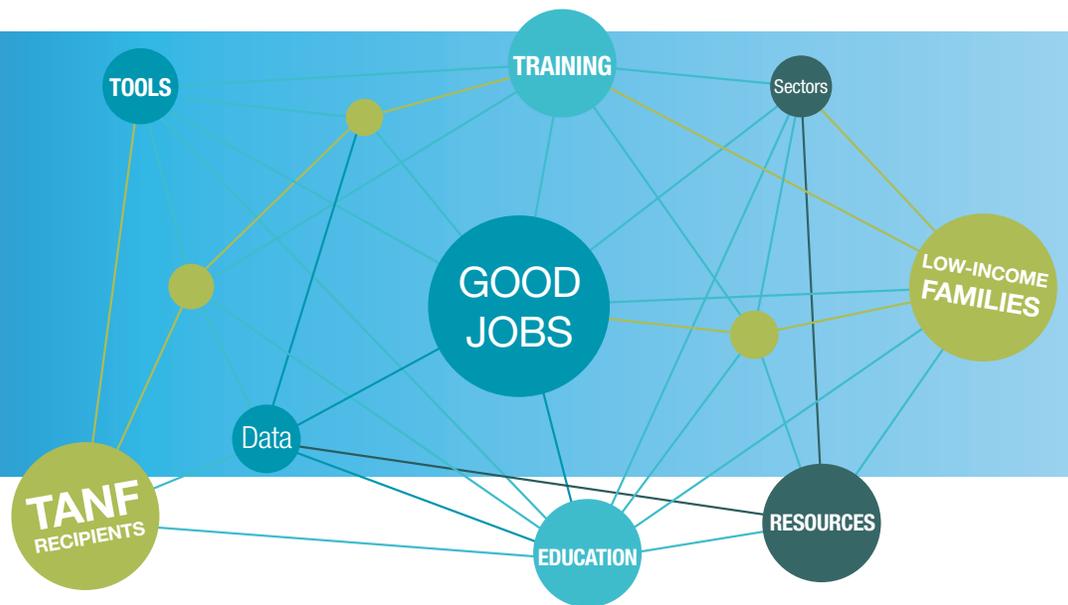


Promising Occupations Achievable through Short-term Education or Training for Low-Income Families

Appendix C: ACF Region 3 (Philadelphia)



Promising Occupations Achievable through Short-term Education or Training for Low-Income Families

Appendix C: ACF Region 3 (Philadelphia)

December 2015

OPRE Report 2015-111

By Annalisa Matri

Submitted to:

U.S. Department of Health and Human Services
Administration for Children and Families
Office of Planning, Research and Evaluation
370 L'Enfant Plaza Promenade, SW
Washington, DC 20447
Project Officers: Nicole Constance and Emily Schmitt

Submitted by:

Mathematica Policy Research
1100 1st Street, NE
12th Floor
Washington, DC 20002-4221
Project Director: Michelle Derr
Reference Number: 40153.232

This brief was prepared under Contract # HHSP23320095642WC/HHSP23337043T with the Office of Planning, Research and Evaluation, Administration for Children and Families, U.S. Department of Health and Human Services. The views expressed in this publication do not necessarily reflect the official views or policies of the Office of Planning, Research and Evaluation, the Administration for Children and Families, or the U.S. Department of Health and Human Services. This guide and other reports sponsored by the Office of Planning, Research and Evaluation are available at <http://www.acf.hhs.gov/programs/opre>.

Suggested citation: Matri, A. "Promising Occupations Achievable through Short-term Education or Training for Low-Income Families Appendix C: ACF Region 3 (Philadelphia)." OPRE Report #2015-111. Washington, DC: U.S. Department of Health and Human Services, Administration for Children and Families, Office of Planning, Research and Evaluation, 2015.

Disclaimer: The views expressed in this publication do not necessarily reflect the views or policies of the Office of Planning, Research and Evaluation, the Administration for Children and Families, or the U.S. Department of Health and Human Services.



CONTENTS

Delaware.....	C1
District of Columbia.....	C3
Maryland.....	C4
Pennsylvania	C6
Virginia.....	C7
West Virginia.....	C9

PROMISING OCCUPATIONS IN

Delaware

EDUCATION/
TRAINING
REQUIRED

AVERAGE
ANNUAL
OPENINGS

GROWTH
RATE

2014 ANNUAL WAGE

25th Percentile Median 75th Percentile

Occupation	Education/Training Required	Average Annual Openings	Growth Rate	25th Percentile	Median	75th Percentile
Registered nurses		360	15.7%		\$69,890	\$79,620
Nursing assistants		180	14.8%	\$24,830	\$27,560	\$30,820
Licensed practical and licensed vocational nurses		100	19.2%	\$41,000	\$47,300	\$55,000
Hairdressers, hairstylists, and cosmetologists		100	16.9%	\$21,390	\$29,320	\$43,710
Teacher assistants		90	4.9%	\$20,210	\$26,380	\$40,140
Preschool teachers, except special education		90	10.0%	\$20,300	\$23,280	\$28,100
Heavy and tractor-trailer truck drivers	 + OJT	90	12.0%	\$33,540	\$41,110	\$50,220
Computer user support specialists	 + OJT	60	17.9%		\$52,790	\$64,320
Medical assistants		60	13.0%	\$26,880	\$31,200	\$36,760
Heating, air conditioning, and refrigeration mechanics and installers	 + OJT	60	17.3%	\$42,540	\$51,040	\$59,960
Emergency medical technicians and paramedics		50	10.2%	\$28,520	\$34,630	\$41,980
Paralegals and legal assistants		40	11.4%	\$43,530	\$52,480	\$63,260
Chemical technicians	 + OJT	30	14.2%	\$56,220	\$66,490	\$72,740
Dental hygienists		30	13.8%	\$61,820	\$71,660	\$82,130
Computer network support specialists		20	12.3%	\$45,450	\$54,760	\$77,670
Medical records and health information technicians		20	15.1%	\$29,650	\$36,110	\$44,000
Dental assistants		20	6.8%	\$32,590	\$38,320	\$44,330
First-line supervisors of production and operating workers		20	1.2%	\$48,210	\$59,330	\$74,690
Radiologic technologists		10	14.8%	\$48,890	\$57,730	\$68,430

 = some college, no degree

 = post-secondary non-degree award

 = associate's degree

OJT = on-the-job training

PROMISING OCCUPATIONS IN

Delaware

EDUCATION/
TRAINING
REQUIRED

AVERAGE
ANNUAL
OPENINGS

GROWTH
RATE

2014 ANNUAL WAGE

25th Percentile **Median** 75th Percentile

	EDUCATION/ TRAINING REQUIRED	AVERAGE ANNUAL OPENINGS	GROWTH RATE	25th Percentile	Median	75th Percentile
Phlebotomists		10	15.7%	\$31,440	\$35,550	\$41,020
Computer, automated teller, and office machine repairers		10	5.5%	\$30,550	\$37,320	\$44,590
Aircraft mechanics and service technicians		10	9.2%	\$51,260	\$57,770	\$62,060

 = some college, no degree

 = post-secondary non-degree award

 = associate's degree

OJT = on-the-job training

PROMISING OCCUPATIONS IN
District of Columbia

EDUCATION/
TRAINING
REQUIRED

AVERAGE
ANNUAL
OPENINGS

GROWTH
RATE

2014 ANNUAL WAGE

25th Percentile Median 75th Percentile

Registered nurses		340	13.0%	\$64,840	\$79,640	\$92,590
Computer user support specialists		190	22.9%	\$46,950	\$60,250	\$77,440
Paralegals and legal assistants		190	9.2%	\$52,170	\$72,740	\$90,740
Web developers		130	31.1%	\$59,350	\$78,020	\$95,790
Teacher assistants		130	11.3%	\$25,810	\$29,510	\$34,460
Social science research assistants		90	15.9%	\$31,930	\$38,580	\$47,710
Licensed practical and licensed vocational nurses		90	18.9%	\$44,710	\$51,320	\$58,450
Preschool teachers, except special education		70	22.6%	\$18,990	\$34,070	\$50,000
Medical assistants		50	13.5%	\$33,140	\$39,340	\$46,370
Library technicians		40	5.5%	\$39,550	\$44,890	\$54,290
Emergency medical technicians and paramedics		40	4.5%	\$51,130	\$54,140	\$60,100
Hairdressers, hairstylists, and cosmetologists		40	18.1%	\$18,470	\$22,390	\$43,910

 = some college, no degree

 = post-secondary non-degree award

 = associate's degree

OJT = on-the-job training

PROMISING OCCUPATIONS IN
Maryland

EDUCATION/
TRAINING
REQUIRED

AVERAGE
ANNUAL
OPENINGS

GROWTH
RATE

2014 ANNUAL WAGE

25th Percentile Median 75th Percentile

	EDUCATION/ TRAINING REQUIRED	AVERAGE ANNUAL OPENINGS	GROWTH RATE	25th Percentile	Median	75th Percentile
Registered nurses		1,560	12.9%	\$60,220	\$71,350	\$84,590
Nursing assistants		880	10.7%	\$23,520	\$27,560	\$32,220
Teacher assistants		530	5.5%	\$20,190	\$25,240	\$31,840
Hairdressers, hairstylists, and cosmetologists		530	7.9%	\$18,390	\$23,610	\$35,340
Computer user support specialists	 + OJT	470	21.1%	\$39,220	\$50,530	\$64,710
Licensed practical and licensed vocational nurses		460	11.7%	\$43,160	\$50,030	\$57,710
Heavy and tractor-trailer truck drivers	 + OJT	430	4.3%	\$33,540	\$41,400	\$49,410
Medical assistants		250	6.4%	\$26,990	\$31,980	\$36,950
Preschool teachers, except special education		220	3.3%	\$23,040	\$28,330	\$36,060
Heating, air conditioning, and refrigeration mechanics and installers	 + OJT	220	6.7%	\$40,710	\$51,110	\$61,090
Medical and clinical laboratory technicians		160	17.0%	\$30,370	\$37,000	\$47,290
Emergency medical technicians and paramedics		160	6.9%	\$28,700	\$37,280	\$48,710
Paralegals and legal assistants		150	8.4%	\$40,280	\$51,920	\$61,250
Web developers		130	20.0%	\$41,930	\$66,260	\$99,010
Medical records and health information technicians		130	10.5%	\$33,030	\$43,700	\$56,510
Firefighters	 + OJT	120	5.3%	\$48,310	\$55,420	\$63,870
Computer network support specialists		110	5.3%	\$50,310	\$63,300	\$85,500
Radiologic technologists		110	10.2%	\$52,910	\$62,830	\$73,890
Electrical and electronics engineering technicians		90	3.6%	\$54,360	\$67,360	\$83,180

 = some college, no degree

 = post-secondary non-degree award

 = associate's degree

OJT = on-the-job training

PROMISING OCCUPATIONS IN
Maryland

EDUCATION/
TRAINING
REQUIRED

AVERAGE
ANNUAL
OPENINGS

GROWTH
RATE

2014 ANNUAL WAGE

25th Percentile **Median** 75th Percentile

	EDUCATION/ TRAINING REQUIRED	AVERAGE ANNUAL OPENINGS	GROWTH RATE	25th Percentile	Median	75th Percentile
Dental hygienists		90	3.9%	\$73,640	\$84,390	\$93,310
Telecommunications equipment installers and repairers, except line installers		70	11.1%	\$46,560	\$63,500	\$72,560
Computer, automated teller, and office machine repairers		50	2.0%	\$30,490	\$41,030	\$55,450

 = some college, no degree

 = post-secondary non-degree award

 = associate's degree

OJT = on-the-job training

PROMISING OCCUPATIONS IN Pennsylvania

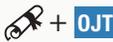
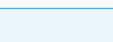
EDUCATION/
TRAINING
REQUIRED

AVERAGE
ANNUAL
OPENINGS

GROWTH
RATE

2014 ANNUAL WAGE

25th Percentile Median 75th Percentile

Occupation	Education/Training Required	Average Annual Openings	Growth Rate	25th Percentile	Median	75th Percentile
Registered nurses		4,800	18.4%	\$55,000	\$65,110	\$76,630
Heavy and tractor-trailer truck drivers	 + OJT	2,400	15.6%	\$33,860	\$41,360	\$51,090
Nursing assistants		2,160	10.2%	\$24,090	\$27,650	\$31,390
Licensed practical and licensed vocational nurses		1,620	20.3%	\$36,570	\$43,140	\$49,300
Hairdressers, hairstylists, and cosmetologists		1,310	11.3%	\$19,440	\$23,910	\$30,200
Teacher assistants		1,130	3.1%	\$18,870	\$22,990	\$28,560
Medical assistants		820	17.4%	\$24,930	\$28,820	\$34,430
Computer user support specialists	 + OJT	760	19.3%	\$35,820	\$45,260	\$58,700
Emergency medical technicians and paramedics		680	22.1%	\$23,900	\$29,900	\$37,950
Preschool teachers, except special education		590	14.0%	\$21,330	\$24,810	\$30,990
Heating, air conditioning, and refrigeration mechanics and installers	 + OJT	460	11.9%	\$36,380	\$45,100	\$55,230
First-line supervisors of production and operating workers		410	0.8%	\$44,770	\$57,050	\$71,690
Dental assistants		360	8.7%	\$27,380	\$32,900	\$38,240
Dental hygienists		350	15.7%	\$52,630	\$60,750	\$72,370
Medical records and health information technicians		340	18.5%	\$28,250	\$34,190	\$42,350
Paralegals and legal assistants		310	18.4%	\$40,460	\$52,320	\$65,020
Radiologic technologists		300	16.3%	\$43,590	\$53,030	\$62,920
Medical and clinical laboratory technicians		300	7.5%	\$31,300	\$38,000	\$47,730

 = some college, no degree

 = post-secondary non-degree award

 = associate's degree

OJT = on-the-job training

PROMISING OCCUPATIONS IN Virginia

EDUCATION/
TRAINING
REQUIRED

AVERAGE
ANNUAL
OPENINGS

GROWTH
RATE

2014 ANNUAL WAGE

25th Percentile Median 75th Percentile

Occupation	Education/Training Required	Average Annual Openings	Growth Rate	25th Percentile	Median	75th Percentile
Registered nurses		1,910	12.7%	\$50,840	\$62,610	\$74,670
Nursing assistants		1,790	28.6%	\$20,160	\$23,400	\$27,960
Licensed practical and licensed vocational nurses		1,120	26.7%	\$34,230	\$39,490	\$46,280
Teacher assistants		1,060	13.3%	\$18,760	\$23,680	\$30,290
Heavy and tractor-trailer truck drivers	 + OJT	1,000	9.3%	\$31,200	\$37,630	\$46,650
Computer user support specialists	 + OJT	750	25.2%	\$39,190	\$51,460	\$66,320
Hairdressers, hairstylists, and cosmetologists		750	10.9%	\$19,480	\$29,230	\$41,550
Medical assistants		620	39.9%	\$25,700	\$30,300	\$35,720
Dental assistants		490	37.3%	\$30,350	\$35,700	\$43,370
Preschool teachers, except special education		420	19.7%	\$22,400	\$31,780	\$42,470
Heating, air conditioning, and refrigeration mechanics and installers	 + OJT	400	17.9%	\$35,980	\$45,720	\$56,580
Firefighters	 + OJT	360	14.1%	\$36,410	\$44,700	\$54,470
Emergency medical technicians and paramedics		330	47.5%	\$25,310	\$30,640	\$37,680
Paralegals and legal assistants		320	19.3%	\$38,090	\$49,070	\$61,310
Dental hygienists		320	48.0%	\$67,590	\$80,780	\$93,840
Computer network support specialists		280	15.5%	\$52,010	\$70,770	\$94,740
Medical and clinical laboratory technicians		240	37.5%	\$30,070	\$36,990	\$46,620
First-line supervisors of production and operating workers		210	1.1%	\$44,900	\$59,430	\$74,110
Web developers		190	20.6%	\$56,360	\$79,240	\$103,410

 = some college, no degree

 = post-secondary non-degree award

 = associate's degree

OJT = on-the-job training

PROMISING OCCUPATIONS IN
Virginia

EDUCATION/
TRAINING
REQUIRED

AVERAGE
ANNUAL
OPENINGS

GROWTH
RATE

2014 ANNUAL WAGE

25th Percentile **Median** 75th Percentile

	EDUCATION/ TRAINING REQUIRED	AVERAGE ANNUAL OPENINGS	GROWTH RATE	2014 ANNUAL WAGE		
				25th Percentile	Median	75th Percentile
Medical records and health information technicians		180	21.4%	\$28,640	\$35,720	\$45,780
Radiologic technologists		170	19.0%	\$45,660	\$55,860	\$67,940
Electrical and electronics engineering technicians		150	8.4%	\$50,250	\$63,640	\$76,480
Telecommunications equipment installers and repairers, except line installers	 + OJT	110	7.7%	\$47,150	\$61,190	\$71,970

 = some college, no degree

 = post-secondary non-degree award

 = associate's degree

OJT = on-the-job training

PROMISING OCCUPATIONS IN West Virginia

EDUCATION/
TRAINING
REQUIRED

AVERAGE
ANNUAL
OPENINGS

GROWTH
RATE

2014 ANNUAL WAGE

25th Percentile Median 75th Percentile

Occupation	Education/Training Required	Average Annual Openings	Growth Rate	25th Percentile	Median	75th Percentile
Registered nurses		640	13.0%	\$46,050	\$55,310	\$65,750
Licensed practical and licensed vocational nurses		270	16.2%	\$29,730	\$34,490	\$38,800
Nursing assistants		250	12.2%	\$19,610	\$22,320	\$26,020
Heavy and tractor-trailer truck drivers	 + OJT	230	2.1%	\$28,780	\$35,100	\$44,000
Medical assistants		140	23.9%	\$21,140	\$24,810	\$28,730
Emergency medical technicians and paramedics		110	20.7%	\$20,890	\$24,570	\$31,030
Teacher assistants		100	0.4%	\$20,270	\$22,920	\$26,480
Paralegals and legal assistants		70	13.5%	\$30,330	\$36,780	\$48,320
Dental hygienists		60	32.2%	\$47,450	\$54,590	\$61,350
Computer user support specialists	 + OJT	60	15.2%	\$31,290	\$40,200	\$50,070
Dental assistants		60	23.5%	\$23,900	\$28,830	\$34,570
Medical records and health information technicians		60	13.8%	\$24,270	\$30,790	\$40,990
Medical and clinical laboratory technicians		50	23.2%	\$29,320	\$36,870	\$46,000
Physical therapist assistants		50	39.8%	\$32,810	\$45,520	\$58,100
Radiologic technologists		50	12.7%	\$38,740	\$45,390	\$53,800
Phlebotomists		30	18.6%	\$21,800	\$24,790	\$30,200
Heating, air conditioning, and refrigeration mechanics and installers	 + OJT	30	1.4%	\$25,080	\$32,080	\$42,620
Respiratory therapists		30	13.3%	\$40,920	\$46,680	\$54,670
Firefighters	 + OJT	20	6.3%	\$20,920	\$26,800	\$37,250
Psychiatric technicians	 + OJT	20	24.0%	\$16,820	\$18,490	\$21,640
Telecommunications equipment installers and repairers, except line installers	 + OJT	10	2.3%	\$31,260	\$38,370	\$56,350

 = some college, no degree

 = post-secondary non-degree award

 = associate's degree

OJT = on-the-job training



MATHEMATICA
Policy Research