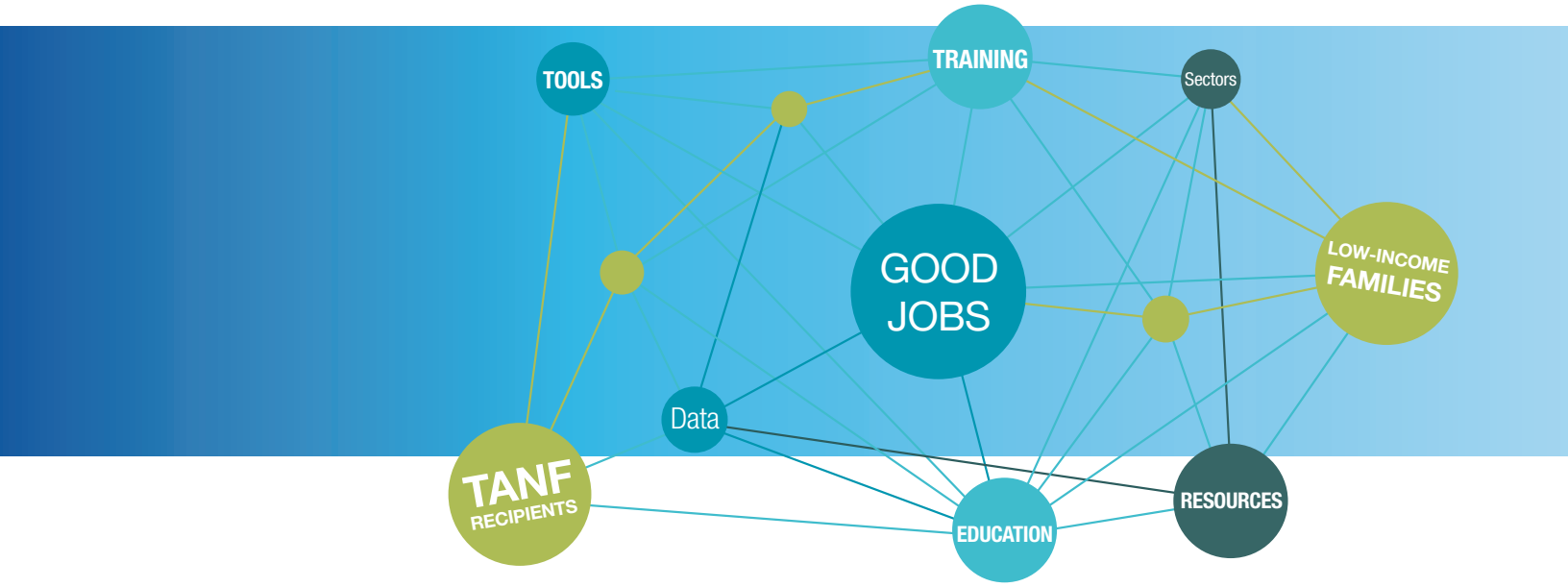
OPRE REPORT #2015-111 • DECEMBER 2015

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

Appendix H: ACF Region 8 (Denver)



Promising Occupations Achievable through Short-term Education or Training for Low-Income Families Appendix H: ACF Region 8 (Denver)

December 2015

OPRE Report 2015-111

By Annalisa Mastri

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 express in this publication do not necessarily reflect the official views or polices 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: Mastri, A. "Promising Occupations Achievable through Short-term Education or Training for Low-Income Families Appendix H: ACF Region 8 (Denver)." 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.

OPRE

MATHEMATICA Policy Research

CONTENTS

Colorado H1
Montana H3
North Dakota H5
South Dakota H6
Utah H8
Wyoming H10

PROMISING OCCUPATIONS IN Colorado

	EDUCATION/ TRAINING REQUIRED	AVERAGE ANNUAL OPENINGS	GROWTH RATE	2014 ANNUAL WAGE: 25th Percentile	Median	75th Percentile
Registered nurses		1,930	26.2%	$57,280	$68,290	$80,660
Heavy and tractor-trailer truck drivers	+ OJT	990	24.8%	$35,060	$43,120	$52,170
Nursing assistants		700	21.7%	$24,130	$27,970	$32,690
Teacher assistants		670	15.7%	$22,070	$26,120	$30,850
Computer user support specialists	+ OJT	640	31.6%	$40,160	$50,910	$66,140
Hairdressers, hairstylists, and cosmetologists		490	22.5%	$18,790	$22,730	$30,230
Medical assistants		390	27.4%	$27,760	$32,390	$37,090
Preschool teachers, except special education		320	23.2%	$23,680	$28,740	$36,680
Licensed practical and licensed vocational nurses		300	24.2%	$40,510	$45,840	$53,010
Paralegals and legal assistants		270	29.9%	$39,630	$49,200	$62,700
Dental assistants		260	21.6%	$31,390	$37,500	$46,280
Heating, air conditioning, and refrigeration mechanics and installers	+ OJT	240	35.2%	$40,530	$48,760	$58,780
Dental hygienists		210	29.1%	$70,530	$81,090	$89,850
Massage therapists		210	26.9%	$27,000	$38,470	$56,790
Web developers		190	37.0%	$41,820	$55,230	$77,420
Library technicians		180	13.5%	$27,410	$33,210	$38,690
Emergency medical technicians and paramedics		170	23.9%	$27,260	$35,350	$47,410
Firefighters	+ OJT	170	8.4%	$36,330	$49,070	$63,140
Computer network support specialists		160	14.3%	$49,080	$64,880	$87,120
Veterinary technologists and technicians		150	43.2%	$25,790	$30,440	$35,870

= some college, no degree

= post-secondary non-degree award

= associate's degree

OJT = on-the-job training

PROMISING OCCUPATIONS IN
Colorado

	EDUCATION/ TRAINING REQUIRED	AVERAGE ANNUAL OPENINGS	GROWTH RATE	2014 ANNUAL WAGE		
				25th Percentile	Median	75th Percentile
Radiologic technologists		130	25.9%	$48,140	$58,980	$72,510
First-line supervisors of production and operating workers		120	6.6%	$46,220	$59,700	$75,620

= some college, no degree = post-secondary non-degree award = associate's degree OJT = on-the-job training

PROMISING OCCUPATIONS IN Montana

	EDUCATION/ TRAINING REQUIRED	AVERAGE ANNUAL OPENINGS	GROWTH RATE	2014 ANNUAL WAGE (25th Percentile / Median / 75th Percentile)
Registered nurses		350	20.4%	$53,150 / **$59,860** / $70,770
Heavy and tractor-trailer truck drivers	+ OJT	240	17.7%	$33,680 / **$41,440** / $52,750
Nursing assistants		170	11.9%	$21,470 / **$24,080** / $28,140
Licensed practical and licensed vocational nurses		110	16.9%	$33,560 / **$38,540** / $44,300
Teacher assistants		90	3.5%	$20,510 / **$23,810** / $28,760
Forest and conservation technicians		70	0.5%	$28,270 / **$31,630** / $41,120
Computer user support specialists	+ OJT	60	17.5%	$31,470 / **$38,700** / $48,290
Medical records and health information technicians		60	21.6%	$26,280 / **$30,800** / $38,920
Dental assistants		60	29.9%	$27,450 / **$33,230** / $38,780
Preschool teachers, except special education		40	7.1%	$20,410 / **$24,640** / $28,850
Emergency medical technicians and paramedics		40	22.3%	$23,160 / **$28,080** / $35,130
Dental hygienists		40	31.3%	$63,190 / **$69,560** / $75,930
Medical assistants		40	23.7%	$26,670 / **$30,500** / $35,520
Hairdressers, hairstylists, and cosmetologists		40	2.8%	$19,780 / **$26,860** / $36,350
First-line supervisors of production and operating workers		40	14.1%	$38,190 / **$52,970** / $71,940
Paralegals and legal assistants		30	23.3%	$34,200 / **$41,380** / $51,070
Radiologic technologists		30	20.5%	$43,230 / **$51,280** / $60,820
Heating, air conditioning, and refrigeration mechanics and installers	+ OJT	30	24.6%	$35,010 / **$48,890** / $59,540
Web developers		20	21.3%	$31,750 / **$51,030** / $63,150
Architectural and civil drafters		20	17.7%	$37,900 / **$45,940** / $55,620

= some college, no degree = post-secondary non-degree award = associate's degree OJT = on-the-job training

PROMISING OCCUPATIONS IN
Montana

	EDUCATION/ TRAINING REQUIRED	AVERAGE ANNUAL OPENINGS	GROWTH RATE	2014 ANNUAL WAGE (25th Percentile / Median / 75th Percentile)
Veterinary technologists and technicians		20	38.9%	$24,720 **$27,750** $30,780
Telecommunications equipment installers and repairers, except line installers	+ OJT	20	9.0%	$40,810 **$63,210** $70,830
Psychiatric technicians	+ OJT	10	9.3%	$25,180 **$27,660** $30,130
Computer, automated teller, and office machine repairers		10	2.0%	$26,520 **$33,470** $40,950

= some college, no degree = post-secondary non-degree award = associate's degree OJT = on-the-job training

PROMISING OCCUPATIONS IN North Dakota

	EDUCATION/ TRAINING REQUIRED	AVERAGE ANNUAL OPENINGS	GROWTH RATE	2014 ANNUAL WAGE: 25th Percentile	Median	75th Percentile
Registered nurses		310	21.1%	$50,550	**$57,190**	$65,160
Heavy and tractor-trailer truck drivers	+ OJT	290	2.5%	$40,880	**$47,010**	$57,550
Nursing assistants		250	17.5%	$25,510	**$28,430**	$32,120
Licensed practical and licensed vocational nurses		150	20.4%	$34,710	**$39,680**	$45,180
Teacher assistants		130	9.9%	$25,280	**$28,990**	$34,380
Computer user support specialists	+ OJT	80	26.0%	$38,050	**$46,840**	$56,930
Hairdressers, hairstylists, and cosmetologists		60	8.7%	$19,620	**$25,690**	$36,920
First-line supervisors of production and operating workers		50	15.8%	$42,620	**$54,760**	$72,950
Medical records and health information technicians		40	21.9%	$29,090	**$35,570**	$42,580
Emergency medical technicians and paramedics		40	22.9%	$18,360	**$27,750**	$36,570
Heating, air conditioning, and refrigeration mechanics and installers	+ OJT	40	22.7%	$41,020	**$50,260**	$60,080
Dental hygienists		30	24.7%	$55,660	**$62,880**	$71,590
Preschool teachers, except special education		20	11.3%	$22,730	**$29,930**	$46,400
Radiologic technologists		20	22.8%	$41,230	**$47,750**	$55,890
Medical assistants		20	23.2%	$27,270	**$31,670**	$36,550
Dental assistants		20	15.9%	$34,040	**$38,260**	$47,260
Civil engineering technicians		10	13.0%	$40,360	**$46,500**	$55,980
Paralegals and legal assistants		10	21.1%	$32,140	**$41,760**	$50,150
Medical transcriptionists		10	5.8%	$27,150	**$31,580**	$36,800

= some college, no degree

= post-secondary non-degree award

= associate's degree

OJT = on-the-job training

PROMISING OCCUPATIONS IN South Dakota

	EDUCATION/ TRAINING REQUIRED	AVERAGE ANNUAL OPENINGS	GROWTH RATE	2014 ANNUAL WAGE (25th Percentile / Median / 75th Percentile)
Registered nurses		370	13.1%	$44,500 **$52,090** $62,120
Heavy and tractor-trailer truck drivers	+ OJT	190	5.8%	$30,530 **$36,570** $46,320
Nursing assistants		180	9.1%	$20,320 **$22,610** $25,710
Teacher assistants		110	3.1%	$19,280 **$21,710** $24,110
Licensed practical and licensed vocational nurses		80	11.5%	$30,820 **$34,960** $39,230
Preschool teachers, except special education		50	15.2%	$25,540 **$28,680** $32,940
Hairdressers, hairstylists, and cosmetologists		50	6.5%	$23,800 **$28,300** $33,940
Computer user support specialists	+ OJT	40	11.4%	$31,020 **$36,100** $42,500
Library technicians		40	4.5%	$20,460 **$22,940** $26,870
Medical records and health information technicians		40	12.9%	$28,070 **$33,600** $42,120
Emergency medical technicians and paramedics		40	10.9%	$24,040 **$27,810** $31,770
Medical assistants		40	16.1%	$24,460 **$27,570** $30,680
Heating, air conditioning, and refrigeration mechanics and installers	+ OJT	40	15.1%	$35,480 **$44,840** $55,670
Radiologic technologists		30	12.4%	$38,130 **$45,720** $54,310
Dental assistants		30	13.0%	$27,660 **$32,150** $36,920
First-line supervisors of production and operating workers		30	6.7%	$45,560 **$54,130** $62,640
Paralegals and legal assistants		20	20.3%	$35,330 **$42,310** $51,110
Surgical technologists		20	24.1%	$33,190 **$37,650** $43,860
Dental hygienists		20	21.2%	$50,270 **$58,910** $68,300
Firefighters	+ OJT	20	2.2%	$31,560 **$40,260** $50,740

= some college, no degree = post-secondary non-degree award = associate's degree OJT = on-the-job training

PROMISING OCCUPATIONS IN
South Dakota

	EDUCATION/ TRAINING REQUIRED	AVERAGE ANNUAL OPENINGS	GROWTH RATE	2014 ANNUAL WAGE (25th Percentile / Median / 75th Percentile)
Electrical and electronics repairers, commercial and industrial equipment	+ OJT	20	13.8%	$33,690 / $41,310 / $48,260
Computer network support specialists		10	3.8%	$41,190 / $46,700 / $55,590
Telecommunications equipment installers and repairers, except line installers	+ OJT	10	5.4%	$45,380 / $56,570 / $67,450

= some college, no degree = post-secondary non-degree award = associate's degree OJT = on-the-job training

PROMISING OCCUPATIONS IN Utah

	EDUCATION/ TRAINING REQUIRED	AVERAGE ANNUAL OPENINGS	GROWTH RATE	2014 ANNUAL WAGE (25th Percentile / Median / 75th Percentile)
Registered nurses		970	31.4%	$51,710 / **$59,720** / $70,570
Heavy and tractor-trailer truck drivers	+ OJT	850	24.2%	$34,300 / **$41,860** / $52,180
Nursing assistants		570	37.5%	$20,970 / **$23,200** / $26,630
Teacher assistants		550	21.3%	$20,680 / **$23,720** / $27,850
Medical assistants		410	39.7%	$25,100 / **$28,450** / $33,020
Computer user support specialists	+ OJT	320	38.5%	$30,920 / **$40,860** / $54,110
Dental assistants		240	31.4%	$24,840 / **$28,050** / $31,970
Hairdressers, hairstylists, and cosmetologists		220	28.1%	$19,360 / **$24,830** / $30,170
First-line supervisors of production and operating workers		200	15.7%	$39,840 / **$53,280** / $70,670
Emergency medical technicians and paramedics		150	32.6%	$23,800 / **$31,850** / $41,650
Dental hygienists		150	40.9%	$63,620 / **$69,580** / $75,550
Licensed practical and licensed vocational nurses		140	34.5%	$35,740 / **$42,610** / $48,710
Firefighters	+ OJT	140	17.7%	$25,100 / **$37,000** / $51,680
Heating, air conditioning, and refrigeration mechanics and installers	+ OJT	140	31.3%	$36,500 / **$45,730** / $55,300
Web developers		130	38.6%	$37,770 / **$53,370** / $74,870
Medical records and health information technicians		120	32.9%	$27,750 / **$33,980** / $43,090
Medical and clinical laboratory technicians		110	42.4%	$25,760 / **$29,630** / $36,940
Paralegals and legal assistants		90	30.9%	$30,410 / **$39,480** / $51,720
Preschool teachers, except special education		70	20.8%	$18,160 / **$22,300** / $32,140
Radiologic technologists		70	32.5%	$43,760 / **$51,230** / $62,370

= some college, no degree = post-secondary non-degree award = associate's degree OJT = on-the-job training

PROMISING OCCUPATIONS IN
Utah

	EDUCATION/ TRAINING REQUIRED	AVERAGE ANNUAL OPENINGS	GROWTH RATE	2014 ANNUAL WAGE (25th Percentile / Median / 75th Percentile)
Electrical and electronics engineering technicians		60	11.8%	$44,860 / **$58,320** / $69,780
Telecommunications equipment installers and repairers, except line installers	+ OJT	60	12.8%	$42,350 / **$61,590** / $70,460
Computer network support specialists		50	19.3%	$42,330 / **$55,350** / $73,790
Architectural and civil drafters		50	12.8%	$38,680 / **$45,880** / $56,580
Forest and conservation technicians		50	3.4%	$25,180 / **$28,290** / $37,600
Aircraft mechanics and service technicians		50	3.5%	$49,270 / **$55,980** / $59,320

= some college, no degree = post-secondary non-degree award = associate's degree OJT = on-the-job training

PROMISING OCCUPATIONS IN Wyoming

	EDUCATION/ TRAINING REQUIRED	AVERAGE ANNUAL OPENINGS	GROWTH RATE	2014 ANNUAL WAGE (25th Percentile / Median / 75th Percentile)
Heavy and tractor-trailer truck drivers	+ OJT	200	11.6%	$38,120 / **$46,300** / $58,040
Registered nurses		180	18.6%	$52,000 / **$59,650** / $70,270
Nursing assistants		120	16.2%	$24,200 / **$27,310** / $30,220
Teacher assistants		110	9.2%	$22,850 / **$27,850** / $32,890
Library technicians		30	11.0%	$26,920 / **$31,130** / $36,530
Licensed practical and licensed vocational nurses		30	16.4%	$38,010 / **$43,390** / $48,360
Emergency medical technicians and paramedics		30	17.7%	$24,400 / **$32,610** / $38,370
Medical assistants		30	20.9%	$26,120 / **$30,490** / $35,470
Heating, air conditioning, and refrigeration mechanics and installers	+ OJT	30	25.7%	$33,540 / **$43,700** / $55,120
First-line supervisors of production and operating workers		30	5.7%	$54,030 / **$77,010** / $96,430
Computer user support specialists	+ OJT	20	18.8%	$38,860 / **$45,910** / $54,630
Paralegals and legal assistants		20	18.6%	$36,370 / **$45,160** / $50,920
Preschool teachers, except special education		20	14.1%	$21,000 / **$26,200** / $34,720
Dental hygienists		20	24.0%	$58,250 / **$66,990** / $75,380
Dental assistants		20	16.1%	$27,980 / **$32,980** / $38,740
Hairdressers, hairstylists, and cosmetologists		20	4.5%	$21,250 / **$26,650** / $36,000
Engineering technicians, except drafters, all other		10	4.6%	$57,060 / **$67,160** / $73,420
Civil engineering technicians		10	1.2%	$35,710 / **$42,070** / $50,610
Geological and petroleum technicians	+ OJT	10	8.0%	$40,070 / **$58,000** / $75,500
Chemical technicians	+ OJT	10	19.9%	$31,150 / **$41,810** / $62,740

= some college, no degree = post-secondary non-degree award = associate's degree OJT = on-the-job training

PROMISING OCCUPATIONS IN
Wyoming

	EDUCATION/ TRAINING REQUIRED	AVERAGE ANNUAL OPENINGS	GROWTH RATE	2014 ANNUAL WAGE (25th Percentile / Median / 75th Percentile)
Radiologic technologists		10	19.2%	$43,720 / **$50,980** / $59,690
Medical records and health information technicians		10	18.4%	$29,610 / **$35,770** / $44,950
Phlebotomists		10	22.6%	$25,850 / **$29,460** / $34,880
Firefighters	+ OJT	10	9.2%	$21,940 / **$41,340** / $48,530
Telecommunications equipment installers and repairers, except line installers	+ OJT	10	2.0%	$39,550 / **$54,250** / $67,730
Architectural and civil drafters		<5	1.1%	$33,680 / **$42,730** / $52,490

= some college, no degree = post-secondary non-degree award = associate's degree OJT = on-the-job training

OPRE

MATHEMATICA
Policy Research