

October 2017

## Moore Norman Technology Center Highest Ranked Occupations Report



Providing Valid and Reliable Data

Information  
Management  
Division

# Parameters

## Regions

---

Code	Description
40027	Cleveland County, OK

---

## Education Levels

---

### Description

---

Less than high school

---

High school diploma or equivalent

---

Some college, no degree

---

Postsecondary non-degree award

---

Associate's degree

---

## Timeframe

2017 - 2027

## Datarun

2017.3 – QCEW Employees, Non-QCEW Employees, and Self-Employed

# Largest Occupations

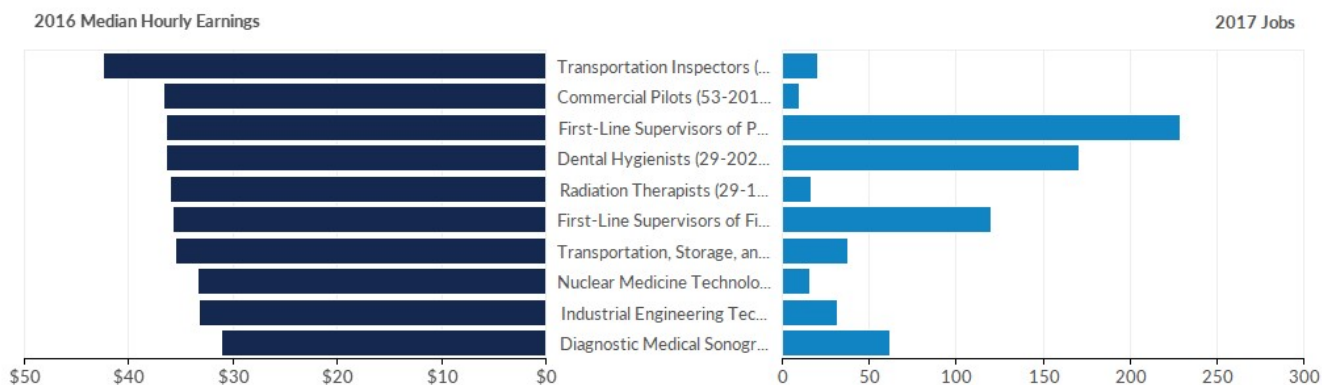


Occupation	2017 Jobs	2027 Jobs	Change in Jobs (2017-2027)	% Change	2016 Median Hourly Earnings
Retail Salespersons	3,464	4,230	766	22%	\$9.62
Combined Food Preparation and Serving Workers, Including Fast Food	2,760	3,180	420	15%	\$8.48
Cashiers	2,422	2,867	444	18%	\$8.84
Waiters and Waitresses	2,089	2,200	111	5%	\$8.57
Office Clerks, General	2,026	2,039	13	1%	\$12.90
Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	1,734	1,758	24	1%	\$14.89
Customer Service Representatives	1,549	1,456	-93	-6%	\$13.35
Janitors and Cleaners, Except Maids and Housekeeping Cleaners	1,448	1,562	114	8%	\$10.99
Stock Clerks and Order Fillers	1,403	1,700	297	21%	\$10.67
First-Line Supervisors of Retail Sales Workers	1,287	1,485	198	15%	\$14.85
Bookkeeping, Accounting, and Auditing Clerks	1,133	1,086	-48	-4%	\$16.34
Childcare Workers	1,093	1,088	-4	0%	\$8.00
First-Line Supervisors of Office and Administrative Support Workers	1,058	1,167	109	10%	\$23.01
Cooks, Fast Food	1,046	954	-92	-9%	\$8.46
Cooks, Restaurant	993	1,141	149	15%	\$10.51

Occupation	2017 Jobs	2027 Jobs	Change in Jobs (2017-2027)	% Change	2016 Median Hourly Earnings
First-Line Supervisors of Food Preparation and Serving Workers	961	1,078	118	12%	\$12.48
Laborers and Freight, Stock, and Material Movers, Hand	830	935	105	13%	\$12.55
Nursing Assistants	793	830	37	5%	\$10.97
Maintenance and Repair Workers, General	782	829	47	6%	\$15.38
Teacher Assistants	769	831	62	8%	\$9.11
Construction Laborers	765	872	107	14%	\$13.28
Landscaping and Groundskeeping Workers	754	798	44	6%	\$8.82
Heavy and Tractor-Trailer Truck Drivers	701	818	117	17%	\$17.02
Personal Care Aides	667	868	201	30%	\$10.29
Carpenters	644	663	19	3%	\$14.65
Cooks, Institution and Cafeteria	640	630	-10	-2%	\$9.18
Maids and Housekeeping Cleaners	637	625	-12	-2%	\$8.56
Executive Secretaries and Executive Administrative Assistants	635	594	-41	-7%	\$19.84
Food Preparation Workers	625	719	94	15%	\$8.79
Automotive Service Technicians and Mechanics	618	694	75	12%	\$16.05
Hairdressers, Hairstylists, and Cosmetologists	598	645	47	8%	\$11.62
Medical Assistants	573	669	97	17%	\$12.45
Receptionists and Information Clerks	542	628	85	16%	\$11.29
Plumbers, Pipefitters, and Steamfitters	529	653	124	23%	\$20.45
Licensed Practical and Licensed Vocational Nurses	518	572	54	10%	\$18.09
First-Line Supervisors of Construction Trades and Extraction Workers	518	540	22	4%	\$24.53

Occupation	2017 Jobs	2027 Jobs	Change in Jobs (2017-2027)	% Change	2016 Median Hourly Earnings
Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	508	573	65	13%	\$8.64
Sales Representatives, Services, All Other	503	543	41	8%	\$18.12
Security Guards	498	488	-10	-2%	\$12.26
Computer User Support Specialists	495	503	8	2%	\$19.71
Medical Secretaries	445	522	77	17%	\$13.34
Pharmacy Technicians	435	557	122	28%	\$15.31
Real Estate Sales Agents	423	437	14	3%	\$16.81
Home Health Aides	416	587	171	41%	\$11.76
Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	407	433	27	7%	\$8.75
Bartenders	405	474	69	17%	\$9.42
Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	369	433	64	17%	\$22.56
Preschool Teachers, Except Special Education	367	415	48	13%	\$13.21
Police and Sheriff's Patrol Officers	366	415	49	13%	\$21.45
Light Truck or Delivery Services Drivers	341	387	45	13%	\$14.82

# Highest Paying Occupations



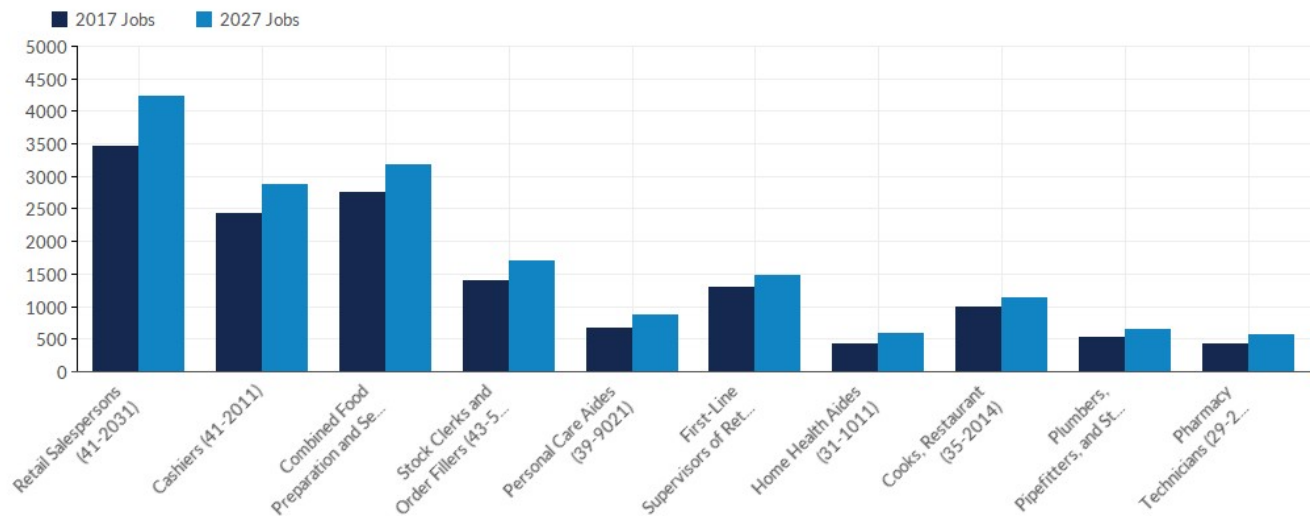
Occupation	2017 Jobs	2027 Jobs	Change in Jobs (2017-2027)	% Change	2016 Earnings Per Worker
Transportation Inspectors	20	23	3	15%	\$42.44
Commercial Pilots	10	11	1	10%	\$36.70
First-Line Supervisors of Police and Detectives	229	256	27	12%	\$36.43
Dental Hygienists	171	206	35	20%	\$36.42
Radiation Therapists	16	18	2	13%	\$36.04
First-Line Supervisors of Fire Fighting and Prevention Workers	120	136	16	13%	\$35.78
Transportation, Storage, and Distribution Managers	38	44	6	16%	\$35.46
Nuclear Medicine Technologists	16	16	0	0%	\$33.43
Industrial Engineering Technicians	32	35	3	9%	\$33.25
Diagnostic Medical Sonographers	62	72	10	16%	\$31.07
Electrical and Electronics Engineering Technicians	86	97	11	13%	\$30.97
Engineering Technicians, Except Drafters, All Other	29	32	3	10%	\$30.60
First-Line Supervisors of Mechanics, Installers, and Repairers	272	304	32	12%	\$30.57
Magnetic Resonance Imaging Technologists	18	18	0	0%	\$30.40
Telecommunications Line Installers and Repairers	68	61	-7	-10%	\$30.39
Postal Service Clerks	30	29	-1	-3%	\$29.86

Occupation	2017 Jobs	2027 Jobs	Change in Jobs (2017-2027)	% Change	2016 Earnings Per Worker
Postal Service Mail Carriers	169	157	-12	-7%	\$29.66
Postal Service Mail Sorters, Processors, and Processing Machine Operators	58	50	-8	-14%	\$29.56
Detectives and Criminal Investigators	27	31	4	15%	\$29.10
Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	14	12	-2	-14%	\$28.69
Wellhead Pumpers	11	13	2	18%	\$28.62
Electrical Power-Line Installers and Repairers	38	36	-2	-5%	\$28.42
Cargo and Freight Agents	16	19	3	19%	\$28.40
Funeral Service Managers	12	15	3	25%	\$28.20
Computer Network Support Specialists	105	106	1	1%	\$27.89
Power Plant Operators	12	13	1	8%	\$27.77
Occupational Therapy Assistants	31	41	10	32%	\$27.52
Life, Physical, and Social Science Technicians, All Other	46	45	-1	-2%	\$26.72
Rotary Drill Operators, Oil and Gas	24	31	7	29%	\$26.62
Electrical and Electronics Repairers, Commercial and Industrial Equipment	34	35	1	3%	\$26.23
Mechanical Engineering Technicians	34	41	7	21%	\$26.16
Physical Therapist Assistants	59	80	21	36%	\$26.07
Electrical and Electronics Drafters	22	27	5	23%	\$25.91
Brokerage Clerks	11	15	4	36%	\$25.79
Sheet Metal Workers	329	368	39	12%	\$25.63
Respiratory Therapists	62	68	6	10%	\$25.59
Stationary Engineers and Boiler Operators	18	18	0	0%	\$25.36
Fire Inspectors and Investigators	20	23	3	15%	\$25.25
Firefighters	202	230	28	14%	\$25.01
Insulation Workers, Mechanical	12	12	0	0%	\$24.78

Occupation	2017 Jobs	2027 Jobs	Change in Jobs (2017-2027)	% Change	2016 Earnings Per Worker
First-Line Supervisors of Construction Trades and Extraction Workers	518	540	22	4%	\$24.53
First-Line Supervisors of Production and Operating Workers	223	246	23	10%	\$24.52
First-Line Supervisors of Transportation and Material-Moving Machine and Vehicle Operators	73	84	11	15%	\$24.48
Radiologic Technologists	102	109	7	7%	\$24.47
Aircraft Mechanics and Service Technicians	37	39	2	5%	\$24.18
Crane and Tower Operators	13	16	3	23%	\$24.14
Claims Adjusters, Examiners, and Investigators	26	26	0	0%	\$24.02
Control and Valve Installers and Repairers, Except Mechanical Door	38	39	1	3%	\$23.60
Civil Engineering Technicians	72	90	18	25%	\$23.56
Engine and Other Machine Assemblers	20	19	-1	-5%	\$23.32



## Fastest Growing Occupations

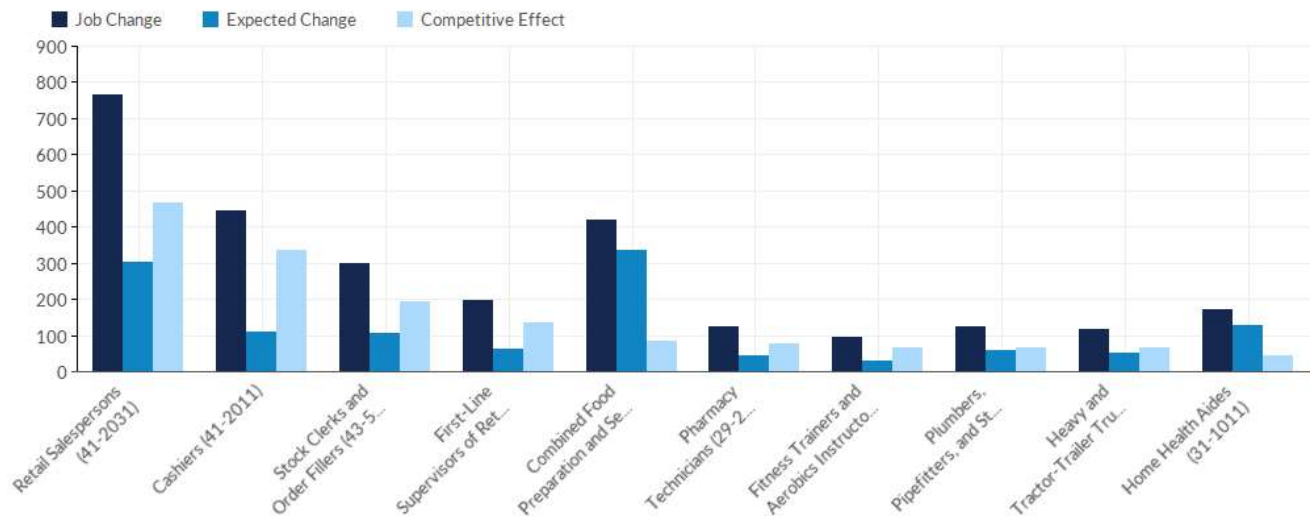


Occupation	2017 Jobs	2027 Jobs	Change in Jobs (2017-2027)	% Change	2016 Median Hourly Earnings
Retail Salespersons	3,464	4,230	766	22%	\$9.62
Cashiers	2,422	2,867	444	18%	\$8.84
Combined Food Preparation and Serving Workers, Including Fast Food	2,760	3,180	420	15%	\$8.48
Stock Clerks and Order Fillers	1,403	1,700	297	21%	\$10.67
Personal Care Aides	667	868	201	30%	\$10.29
First-Line Supervisors of Retail Sales Workers	1,287	1,485	198	15%	\$14.85
Home Health Aides	416	587	171	41%	\$11.76
Cooks, Restaurant	993	1,141	149	15%	\$10.51
Plumbers, Pipefitters, and Steamfitters	529	653	124	23%	\$20.45
Pharmacy Technicians	435	557	122	28%	\$15.31
First-Line Supervisors of Food Preparation and Serving Workers	961	1,078	118	12%	\$12.48
Heavy and Tractor-Trailer Truck Drivers	701	818	117	17%	\$17.02
Janitors and Cleaners, Except Maids and Housekeeping Cleaners	1,448	1,562	114	8%	\$10.99
Waiters and Waitresses	2,089	2,200	111	5%	\$8.57

Occupation	2017 Jobs	2027 Jobs	Change in Jobs (2017-2027)	% Change	2016 Median Hourly Earnings
First-Line Supervisors of Office and Administrative Support Workers	1,058	1,167	109	10%	\$23.01
Construction Laborers	765	872	107	14%	\$13.28
Laborers and Freight, Stock, and Material Movers, Hand	830	935	105	13%	\$12.55
Medical Assistants	573	669	97	17%	\$12.45
Fitness Trainers and Aerobics Instructors	255	351	96	38%	\$16.95
Food Preparation Workers	625	719	94	15%	\$8.79
Receptionists and Information Clerks	542	628	85	16%	\$11.29
Medical Secretaries	445	522	77	17%	\$13.34
Automotive Service Technicians and Mechanics	618	694	75	12%	\$16.05
Bartenders	405	474	69	17%	\$9.42
Heating, Air Conditioning, and Refrigeration Mechanics and Installers	268	334	66	25%	\$21.18
Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	508	573	65	13%	\$8.64
Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	369	433	64	17%	\$22.56
Teacher Assistants	769	831	62	8%	\$9.11
Licensed Practical and Licensed Vocational Nurses	518	572	54	10%	\$18.09
Cleaners of Vehicles and Equipment	288	341	53	18%	\$11.42
Dental Assistants	255	308	53	21%	\$17.05
Self-Enrichment Education Teachers	240	292	52	22%	\$16.86
Police and Sheriff's Patrol Officers	366	415	49	13%	\$21.45
Preschool Teachers, Except Special Education	367	415	48	13%	\$13.21

<b>Occupation</b>	<b>2017 Jobs</b>	<b>2027 Jobs</b>	<b>Change in Jobs (2017-2027)</b>	<b>% Change</b>	<b>2016 Median Hourly Earnings</b>
Hairdressers, Hairstylists, and Cosmetologists	598	645	47	8%	\$11.62
Maintenance and Repair Workers, General	782	829	47	6%	\$15.38
Driver/Sales Workers	286	332	46	16%	\$11.42
Light Truck or Delivery Services Drivers	341	387	45	13%	\$14.82
Landscaping and Groundskeeping Workers	754	798	44	6%	\$8.82
Packers and Packagers, Hand	190	234	44	23%	\$9.82
Sales Representatives, Services, All Other	503	543	41	8%	\$18.12
Automotive Body and Related Repairers	139	179	40	29%	\$14.27
Sheet Metal Workers	329	368	39	12%	\$25.63
Paralegals and Legal Assistants	155	194	39	25%	\$20.75
Parts Salespersons	182	220	38	21%	\$12.72
Nursing Assistants	793	830	37	5%	\$10.97
Butchers and Meat Cutters	106	142	36	34%	\$15.14
Dental Hygienists	171	206	36	21%	\$36.42
Amusement and Recreation Attendants	125	159	35	28%	\$8.49
Industrial Machinery Mechanics	115	150	35	30%	\$23.14

## Most Competitive Occupations

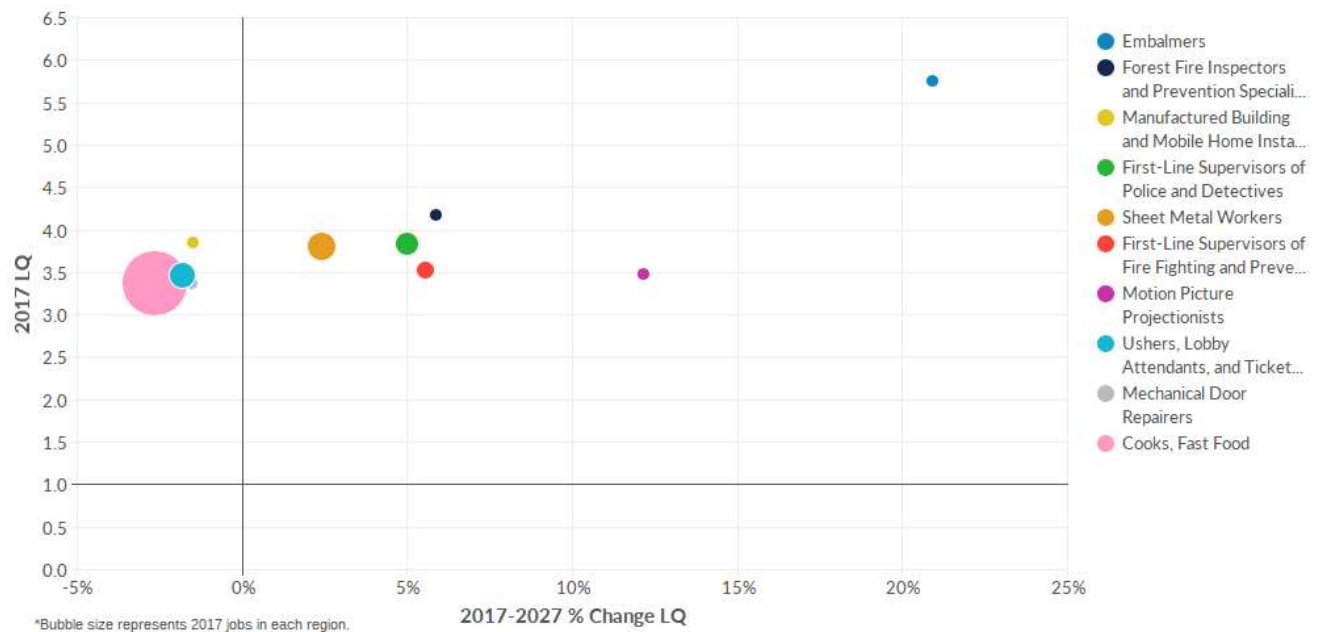


Occupation	Job Change	Occ Mix Effect	Nat Growth Effect	Expected Change	Competitive Effect
Retail Salespersons	766	10	291	301	465
Cashiers	444	-96	204	108	337
Stock Clerks and Order Fillers	297	-13	118	105	192
First-Line Supervisors of Retail Sales Workers	198	-46	108	62	136
Combined Food Preparation and Serving Workers, Including Fast Food	420	105	232	337	83
Pharmacy Technicians	122	8	37	45	77
Fitness Trainers and Aerobics Instructors	96	9	21	30	66
Plumbers, Pipefitters, and Steamfitters	124	14	44	58	66
Heavy and Tractor-Trailer Truck Drivers	117	-7	59	52	65
Home Health Aides	171	92	35	127	44
Personal Care Aides	201	101	56	157	43
Automotive Service Technicians and Mechanics	75	-15	52	37	38
Food Preparation Workers	94	6	53	59	36
Laborers and Freight, Stock, and Material Movers, Hand	105	-1	70	69	36
Sales Representatives,	64	-2	31	29	35

Occupation	Job Change	Occ Mix Effect	Nat Growth Effect	Expected Change	Competitive Effect
Wholesale and Manufacturing, Except Technical and Scientific Products					
Heating, Air Conditioning, and Refrigeration Mechanics and Installers	66	10	23	33	34
Packers and Packagers, Hand	44	-4	16	12	31
Butchers and Meat Cutters	36	-1	9	8	28
Automotive Body and Related Repairers	40	0	12	12	28
Receptionists and Information Clerks	85	12	46	58	27
Tellers	14	-37	25	-12	27
Paralegals and Legal Assistants	39	0	13	13	26
Police and Sheriff's Patrol Officers	49	-5	31	26	24
Bartenders	69	12	34	46	23
Parts Salespersons	38	0	15	15	23
Amusement and Recreation Attendants	35	2	10	12	22
Sewing Machine Operators	10	-19	7	-12	22
Light Truck or Delivery Services Drivers	45	-5	29	24	22
Driver/Sales Workers	46	0	24	24	22
Cleaners of Vehicles and Equipment	53	7	24	31	22
Real Estate Sales Agents	14	-43	36	-7	21
Shipping, Receiving, and Traffic Clerks	28	-14	21	7	21
Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	65	1	43	44	21
First-Line Supervisors of Production and Operating Workers	23	-16	19	3	20
Packaging and Filling Machine Operators and Tenders	24	-3	7	4	19
Bakers	32	1	11	12	19

Occupation	Job Change	Occ Mix Effect	Nat Growth Effect	Expected Change	Competitive Effect
Postal Service Mail Carriers	-12	-45	14	-31	19
Inspectors, Testers, Sorters, Samplers, and Weighers	24	-6	13	7	18
Correctional Officers and Jailers	24	-5	12	7	17
Farmers, Ranchers, and Other Agricultural Managers	8	-16	8	-8	16
Preschool Teachers, Except Special Education	48	2	31	33	15
Construction and Building Inspectors	27	-1	12	11	15
Industrial Machinery Mechanics	35	10	10	20	15
Firefighters	29	-3	17	14	15
Legal Secretaries	13	-8	7	-1	14
First-Line Supervisors of Police and Detectives	27	-6	19	13	14
Industrial Truck and Tractor Operators	22	-2	11	9	13
Self-Enrichment Education Teachers	52	19	20	39	13
Taxi Drivers and Chauffeurs	29	6	10	16	13
Funeral Attendants	14	-4	5	1	13

## Highest Occupation Location Quotient



Occupation	2017 Jobs	2027 Jobs	% Change	2017 LQ	2027 LQ	% Change LQ	2016 Median Hourly Earnings
Embalmers	12	14	17%	5.76	6.96	21%	\$20.76
Forest Fire Inspectors and Prevention Specialists	5	6	19%	4.19	4.43	6%	\$19.34
Manufactured Building and Mobile Home Installers	8	6	-21%	3.86	3.80	-2%	\$15.42
First-Line Supervisors of Police and Detectives	229	256	12%	3.84	4.03	5%	\$36.43
Sheet Metal Workers	329	368	12%	3.81	3.90	2%	\$25.63
First-Line Supervisors of Fire Fighting and Prevention Workers	120	136	14%	3.54	3.73	6%	\$35.78

Occupation	2017 Jobs	2027 Jobs	% Change	2017 LQ	2027 LQ	% Change LQ	2016 Median Hourly Earnings
Motion Picture Projectionists	11	11	0%	3.48	3.91	12%	\$11.72
Ushers, Lobby Attendants, and Ticket Takers	261	282	8%	3.46	3.40	-2%	\$9.69
Mechanical Door Repairers	40	45	11%	3.37	3.32	-2%	\$13.95
Cooks, Fast Food	1,046	954	-9%	3.37	3.28	-3%	\$8.46
Geological and Petroleum Technicians	29	35	18%	3.29	3.44	5%	\$21.12
Gaming Managers	9	11	28%	3.27	3.93	20%	\$23.27
Respiratory Therapy Technicians	21	18	-14%	3.24	2.95	-9%	\$21.80
Derrick Operators, Oil and Gas	20	26	28%	3.15	3.51	11%	\$21.65
Helpers--Electricians	137	137	0%	3.06	2.62	-14%	\$13.81
Fire Inspectors and Investigators	20	23	14%	2.78	2.92	5%	\$25.25
Veterinary Assistants and Laboratory Animal Caretakers	145	158	9%	2.73	2.64	-3%	\$8.90
Photographic Process Workers and Processing Machine Operators	42	34	-18%	2.71	2.72	1%	\$13.06
Helpers--	16	20	22%	2.62	2.83	8%	\$13.65



Occupation	2017 Jobs	2027 Jobs	% Change	2017 LQ	2027 LQ	% Change LQ	2016 Median Hourly Earnings
Roofers							
Funeral Attendants	54	68	25%	2.59	3.18	22%	\$9.31
Tree Trimmers and Pruners	97	97	0%	2.59	2.39	-8%	\$11.05
New Accounts Clerks	62	64	2%	2.57	2.73	6%	\$14.38
Rotary Drill Operators, Oil and Gas	24	31	28%	2.50	2.83	13%	\$26.62
Cooks, Institution and Cafeteria	640	630	-2%	2.47	2.23	-10%	\$9.18
Psychiatric Technicians	92	92	1%	2.37	2.19	-8%	\$12.25
Construction and Building Inspectors	144	170	19%	2.34	2.55	9%	\$23.30
Surveying and Mapping Technicians	76	76	0%	2.23	2.28	2%	\$15.60
Entertainment Attendants and Related Workers, All Other	20	24	21%	2.23	2.33	4%	\$10.27
Ophthalmic Medical Technicians	61	74	21%	2.21	2.20	-1%	\$15.59
Environmental Engineering Technicians	22	28	24%	2.21	2.41	9%	\$16.43
Funeral Service Managers	12	15	25%	2.16	2.52	17%	\$28.20
Community Health Workers	73	82	12%	2.14	2.07	-3%	\$18.87
Meter Readers,	42	32	-24%	2.11	1.77	-16%	\$13.79

Occupation	2017 Jobs	2027 Jobs	% Change	2017 LQ	2027 LQ	% Change LQ	2016 Median Hourly Earnings
Utilities							
Explosives Workers, Ordnance Handling Experts, and Blasters	8	9	20%	2.04	2.32	14%	\$23.04
Pharmacy Aides	45	56	24%	2.04	2.41	18%	\$11.53
Animal Control Workers	16	18	16%	2.01	2.16	7%	\$17.03
Food Service Managers	335	347	4%	2.01	1.95	-3%	\$18.61
Floor Layers, Except Carpet, Wood, and Hard Tiles	19	22	15%	1.95	2.18	12%	\$14.01
Cooks, Short Order	217	220	1%	1.94	1.95	0%	\$8.50
Transit and Railroad Police	6	7	15%	1.89	2.06	9%	\$29.72
Coil Winders, Tapers, and Finishers	16	16	3%	1.86	1.93	3%	\$13.44
Plumbers, Pipefitters, and Steamfitters	529	653	23%	1.86	2.05	10%	\$20.45
Textile Cutting Machine Setters, Operators, and Tenders	16	18	15%	1.86	2.50	34%	\$9.63
Real Estate Sales Agents	423	437	3%	1.85	1.93	4%	\$16.81
Helpers-- Pipelayers, Plumbers, Pipefitters, and	62	80	28%	1.85	2.09	13%	\$13.41

Occupation	2017 Jobs	2027 Jobs	% Change	2017 LQ	2027 LQ	% Change LQ	2016 Median Hourly Earnings
Steamfitters							
Occupational Therapy Aides	9	10	20%	1.83	1.76	-4%	\$14.01
Pharmacy Technicians	435	557	28%	1.82	2.09	15%	\$15.31
Helpers-- Installation, Maintenance, and Repair Workers	128	147	15%	1.73	1.77	3%	\$13.49
First-Line Supervisors of Food Preparation and Serving Workers	961	1,078	12%	1.72	1.72	0%	\$12.48
Musical Instrument Repairers and Tuners	13	15	16%	1.71	1.93	13%	\$11.92

# Appendix A - Data Sources and Calculations

## Occupation Data

Emsi occupation employment data are based on final Emsi industry data and final Emsi staffing patterns. Wage estimates are based on Occupational Employment Statistics (QCEW and Non-QCEW Employees classes of worker) and the American Community Survey (Self-Employed and Extended Proprietors). Occupational wage estimates also affected by county-level Emsi earnings by industry.

## State Data Sources

This report uses state data from the following agencies: Oklahoma Employment Security Commission