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October 2017

**Mid-Del Technology Center  
Highest Ranked Occupations Report**



Providing Valid and Reliable Data

Information  
Management  
Division

# Parameters

## Regions

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Code	Description
40109	Oklahoma County, OK

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## Education Levels

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### Description

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Less than high school

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High school diploma or equivalent

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Some college, no degree

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Postsecondary non-degree award

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Associate's degree

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## Timeframe

2017 - 2027

## Datarun

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

# Largest Occupations

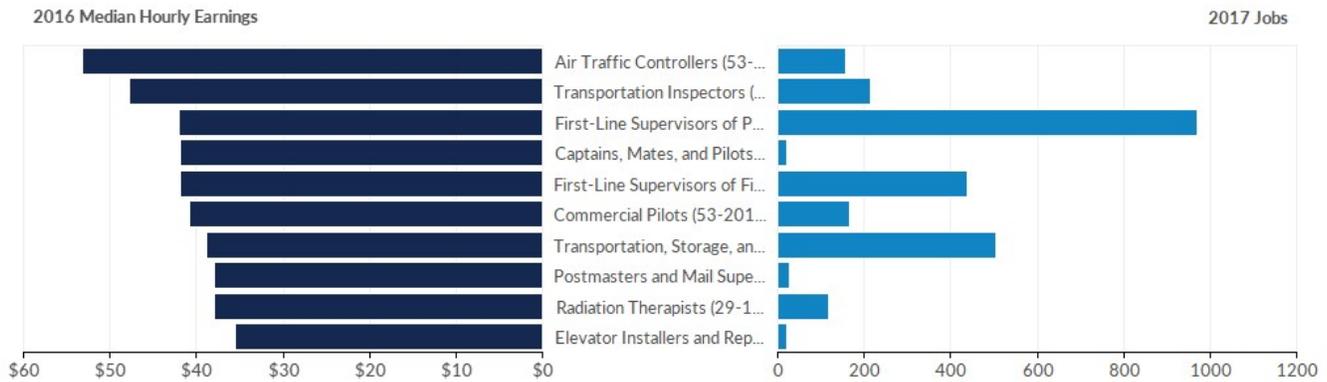


Occupation	2017 Jobs	2027 Jobs	Change in Jobs (2017-2027)	% Change	2016 Median Hourly Earnings
Retail Salespersons	14,004	14,685	681	5%	\$10.94
Customer Service Representatives	10,514	10,915	401	4%	\$15.43
Office Clerks, General	10,131	10,435	304	3%	\$13.36
Combined Food Preparation and Serving Workers, Including Fast Food	9,926	11,034	1,108	11%	\$8.99
Cashiers	9,193	9,695	502	5%	\$9.92
Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	8,673	9,001	329	4%	\$15.51
Waiters and Waitresses	8,368	8,793	425	5%	\$9.64
Laborers and Freight, Stock, and Material Movers, Hand	8,343	8,817	474	6%	\$13.05
Bookkeeping, Accounting, and Auditing Clerks	7,160	6,801	-359	-5%	\$17.78
Janitors and Cleaners, Except Maids and Housekeeping Cleaners	6,900	7,108	208	3%	\$10.69
Heavy and Tractor-Trailer Truck Drivers	6,194	6,373	179	3%	\$18.64
First-Line Supervisors of Office and Administrative Support Workers	6,125	6,505	380	6%	\$25.72
Stock Clerks and Order Fillers	5,843	6,218	376	6%	\$11.61
First-Line Supervisors of Retail Sales Workers	4,985	5,034	50	1%	\$16.54

Occupation	2017 Jobs	2027 Jobs	Change in Jobs (2017-2027)	% Change	2016 Median Hourly Earnings
Nursing Assistants	4,407	4,601	194	4%	\$11.97
Security Guards	4,120	4,415	295	7%	\$12.30
Maids and Housekeeping Cleaners	3,984	4,134	149	4%	\$8.94
Cooks, Restaurant	3,945	4,527	582	15%	\$12.01
Maintenance and Repair Workers, General	3,881	4,176	295	8%	\$16.23
Cooks, Fast Food	3,725	3,289	-436	-12%	\$9.03
Childcare Workers	3,668	3,378	-290	-8%	\$8.82
First-Line Supervisors of Food Preparation and Serving Workers	3,612	3,943	332	9%	\$13.41
Executive Secretaries and Executive Administrative Assistants	3,548	3,378	-170	-5%	\$21.28
Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	3,502	3,924	422	12%	\$24.07
Construction Laborers	3,433	4,130	698	20%	\$13.62
Personal Care Aides	3,317	3,549	233	7%	\$10.31
Landscaping and Groundskeeping Workers	3,303	3,613	309	9%	\$10.57
Sales Representatives, Services, All Other	3,265	3,257	-8	0%	\$19.78
Medical Assistants	3,126	3,577	452	14%	\$14.32
Light Truck or Delivery Services Drivers	2,973	3,034	61	2%	\$16.47
First-Line Supervisors of Construction Trades and Extraction Workers	2,924	3,081	156	5%	\$28.84
Receptionists and Information Clerks	2,866	3,073	208	7%	\$12.92
Licensed Practical and Licensed Vocational Nurses	2,828	2,839	12	0%	\$19.73
Computer User Support Specialists	2,551	2,652	101	4%	\$19.75
Cooks, Institution and Cafeteria	2,548	2,566	18	1%	\$9.49

Occupation	2017 Jobs	2027 Jobs	Change in Jobs (2017-2027)	% Change	2016 Median Hourly Earnings
Medical Secretaries	2,507	2,838	331	13%	\$14.63
Automotive Service Technicians and Mechanics	2,466	2,551	84	3%	\$17.53
Teacher Assistants	2,460	2,731	271	11%	\$8.85
Carpenters	2,321	2,403	83	4%	\$15.75
Food Preparation Workers	2,305	2,503	198	9%	\$9.67
Aircraft Mechanics and Service Technicians	2,231	2,295	64	3%	\$25.48
Insurance Sales Agents	2,226	2,392	167	7%	\$19.28
Plumbers, Pipefitters, and Steamfitters	2,111	2,223	113	5%	\$22.18
Hairdressers, Hairstylists, and Cosmetologists	2,019	2,140	121	6%	\$11.63
Production, Planning, and Expediting Clerks	1,984	2,020	36	2%	\$23.17
Shipping, Receiving, and Traffic Clerks	1,974	2,035	60	3%	\$15.51
Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	1,795	1,885	90	5%	\$8.98
Team Assemblers	1,792	1,807	16	1%	\$13.78
Real Estate Sales Agents	1,790	1,804	14	1%	\$17.40
Sheet Metal Workers	1,763	1,713	-49	-3%	\$25.81

# Highest Paying Occupations

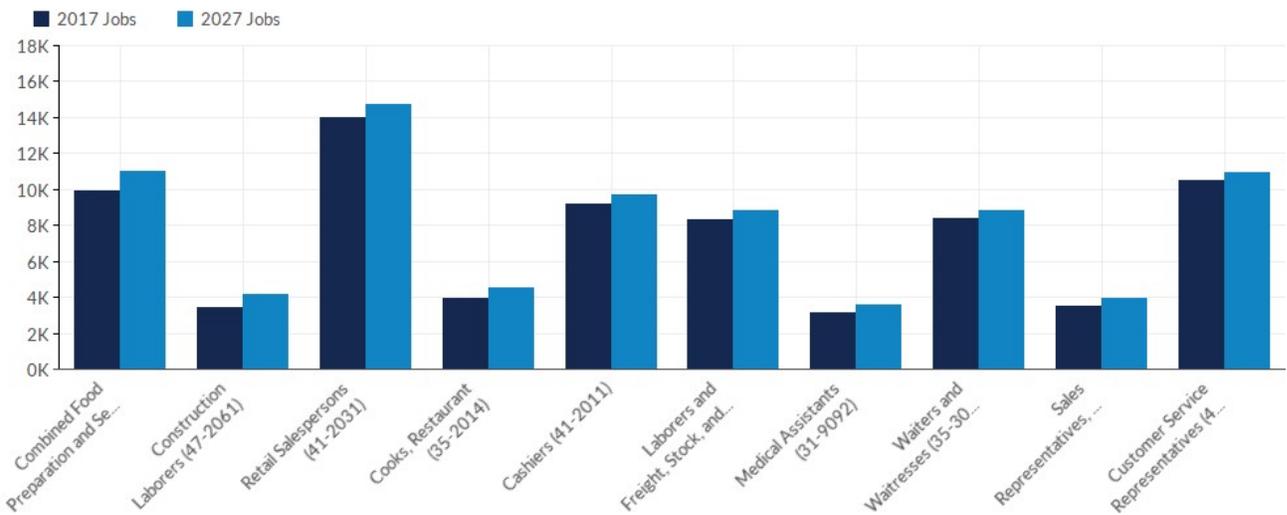


Occupation	2017 Jobs	2027 Jobs	Change in Jobs (2017-2027)	% Change	2016 Earnings Per Worker
Air Traffic Controllers	158	153	-5	-3%	\$53.25
Transportation Inspectors	215	213	-2	-1%	\$47.71
First-Line Supervisors of Police and Detectives	971	989	18	2%	\$41.98
Captains, Mates, and Pilots of Water Vessels	21	26	5	24%	\$41.87
First-Line Supervisors of Fire Fighting and Prevention Workers	439	455	16	4%	\$41.85
Commercial Pilots	166	199	33	20%	\$40.82
Transportation, Storage, and Distribution Managers	506	538	32	6%	\$38.88
Postmasters and Mail Superintendents	27	22	-5	-19%	\$37.96
Radiation Therapists	117	128	11	9%	\$37.90
Elevator Installers and Repairers	21	20	-1	-5%	\$35.45
Transit and Railroad Police	23	24	1	4%	\$35.18
Dental Hygienists	699	783	84	12%	\$35.10
Power Distributors and Dispatchers	50	46	-4	-8%	\$34.75
Media and Communication Equipment Workers, All Other	56	56	0	0%	\$34.28
Telecommunications Line Installers and Repairers	341	282	-59	-17%	\$34.00
Nuclear Medicine Technologists	89	90	1	1%	\$33.92

Occupation	2017 Jobs	2027 Jobs	Change in Jobs (2017-2027)	% Change	2016 Earnings Per Worker
Electrical and Electronics Engineering Technicians	583	555	-28	-5%	\$33.65
Industrial Engineering Technicians	303	313	10	3%	\$32.77
Diagnostic Medical Sonographers	452	531	79	17%	\$32.55
Detectives and Criminal Investigators	416	416	0	0%	\$32.53
First-Line Supervisors of Mechanics, Installers, and Repairers	1,658	1,721	63	4%	\$32.28
Engineering Technicians, Except Drafters, All Other	442	424	-18	-4%	\$31.77
Power Plant Operators	61	44	-17	-28%	\$31.67
Boilermakers	57	57	0	0%	\$31.49
Magnetic Resonance Imaging Technologists	157	169	12	8%	\$31.16
Rotary Drill Operators, Oil and Gas	415	410	-5	-1%	\$30.88
Insurance Appraisers, Auto Damage	168	153	-15	-9%	\$30.79
First-Line Supervisors of Farming, Fishing, and Forestry Workers	38	33	-5	-13%	\$30.63
Funeral Service Managers	32	31	-1	-3%	\$30.47
Brokerage Clerks	77	84	7	9%	\$30.45
Petroleum Pump System Operators, Refinery Operators, and Gaugers	231	276	45	19%	\$30.06
Occupational Therapy Assistants	162	203	41	25%	\$29.75
Electrical and Electronics Drafters	91	89	-2	-2%	\$29.67
Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	98	82	-16	-16%	\$29.62
Fire Inspectors and Investigators	73	77	4	5%	\$29.54
Gas Compressor and Gas Pumping Station Operators	67	72	5	7%	\$29.33
Firefighters	814	864	50	6%	\$28.98
Claims Adjusters, Examiners, and Investigators	868	834	-34	-4%	\$28.86
First-Line Supervisors of	2,924	3,081	157	5%	\$28.84

Occupation	2017 Jobs	2027 Jobs	Change in Jobs (2017-2027)	% Change	2016 Earnings Per Worker
Construction Trades and Extraction Workers					
Gas Plant Operators	193	211	18	9%	\$28.80
Rail Car Repairers	31	39	8	26%	\$28.43
Computer Network Support Specialists	539	541	2	0%	\$28.36
Physical Therapist Assistants	323	398	75	23%	\$28.06
Postal Service Mail Carriers	947	820	-127	-13%	\$27.98
Postal Service Clerks	149	121	-28	-19%	\$27.91
Locomotive Engineers	34	39	5	15%	\$27.73
Precision Instrument and Equipment Repairers, All Other	78	75	-3	-4%	\$27.68
Tool and Die Makers	109	113	4	4%	\$27.68
Postal Service Mail Sorters, Processors, and Processing Machine Operators	287	206	-81	-28%	\$27.63
Cargo and Freight Agents	155	178	23	15%	\$27.56

## Fastest Growing Occupations

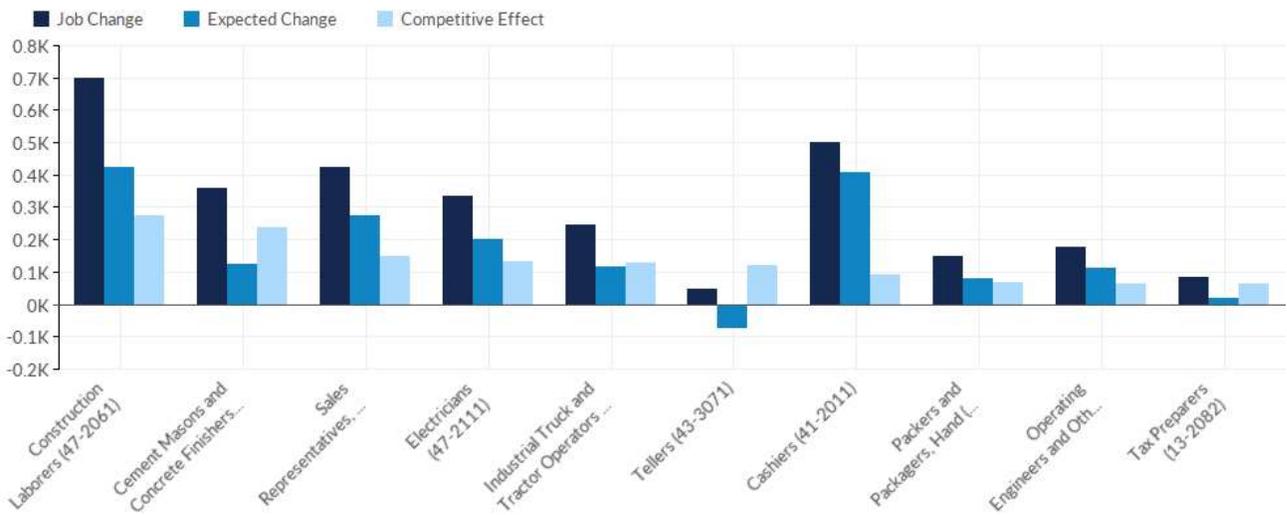


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Construction Laborers	3,433	4,130	698	20%	\$13.62
Retail Salespersons	14,004	14,685	681	5%	\$10.94
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Laborers and Freight, Stock, and Material Movers, Hand	8,343	8,817	474	6%	\$13.05
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Waiters and Waitresses	8,368	8,793	425	5%	\$9.64
Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	3,502	3,924	422	12%	\$24.07
Customer Service Representatives	10,514	10,915	401	4%	\$15.43
First-Line Supervisors of Office and Administrative Support Workers	6,125	6,505	380	6%	\$25.72
Stock Clerks and Order Fillers	5,843	6,218	376	6%	\$11.61
Cement Masons and Concrete Finishers	1,028	1,387	359	35%	\$15.16

Occupation	2017 Jobs	2027 Jobs	Change in Jobs (2017-2027)	% Change	2016 Median Hourly Earnings
Electricians	1,621	1,956	335	21%	\$23.78
First-Line Supervisors of Food Preparation and Serving Workers	3,612	3,943	332	9%	\$13.41
Medical Secretaries	2,507	2,838	331	13%	\$14.63
Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	8,673	9,001	329	4%	\$15.51
Landscaping and Groundskeeping Workers	3,303	3,613	309	9%	\$10.57
Office Clerks, General	10,131	10,435	304	3%	\$13.36
Maintenance and Repair Workers, General	3,881	4,176	295	8%	\$16.23
Security Guards	4,120	4,415	295	7%	\$12.30
Teacher Assistants	2,460	2,731	271	11%	\$8.85
Industrial Truck and Tractor Operators	1,671	1,916	245	15%	\$17.10
Personal Care Aides	3,317	3,549	233	7%	\$10.31
Janitors and Cleaners, Except Maids and Housekeeping Cleaners	6,900	7,108	208	3%	\$10.69
Receptionists and Information Clerks	2,866	3,073	208	7%	\$12.92
Food Preparation Workers	2,305	2,503	198	9%	\$9.67
Nursing Assistants	4,407	4,601	194	4%	\$11.97
Billing and Posting Clerks	1,300	1,492	192	15%	\$15.99
Heavy and Tractor-Trailer Truck Drivers	6,194	6,373	179	3%	\$18.64
Operating Engineers and Other Construction Equipment Operators	1,108	1,283	175	16%	\$18.83
Self-Enrichment Education Teachers	803	977	174	22%	\$17.20
Industrial Machinery Mechanics	1,114	1,285	171	15%	\$24.04
Insurance Sales Agents	2,226	2,392	167	7%	\$19.28
Bartenders	1,485	1,649	164	11%	\$9.34
First-Line Supervisors of	2,924	3,081	156	5%	\$28.84

<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>
Construction Trades and Extraction Workers					
Packers and Packagers, Hand	1,251	1,401	150	12%	\$10.40
Maids and Housekeeping Cleaners	3,984	4,134	149	4%	\$8.94
Dental Assistants	1,084	1,219	134	12%	\$16.46
Loan Interviewers and Clerks	920	1,043	123	13%	\$15.32
Hairdressers, Hairstylists, and Cosmetologists	2,019	2,140	121	6%	\$11.63
Plumbers, Pipefitters, and Steamfitters	2,111	2,223	113	5%	\$22.18
Helpers--Electricians	707	810	104	15%	\$16.44
Medical Records and Health Information Technicians	1,461	1,563	102	7%	\$15.22
Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	1,605	1,707	102	6%	\$9.95
Computer User Support Specialists	2,551	2,652	101	4%	\$19.75
Paralegals and Legal Assistants	1,196	1,294	99	8%	\$23.50
Police and Sheriff's Patrol Officers	1,396	1,494	97	7%	\$24.27
Dining Room and Cafeteria Attendants and Bartender Helpers	1,364	1,461	96	7%	\$9.59
Machinists	1,095	1,191	96	9%	\$20.72

## Most Competitive Occupations

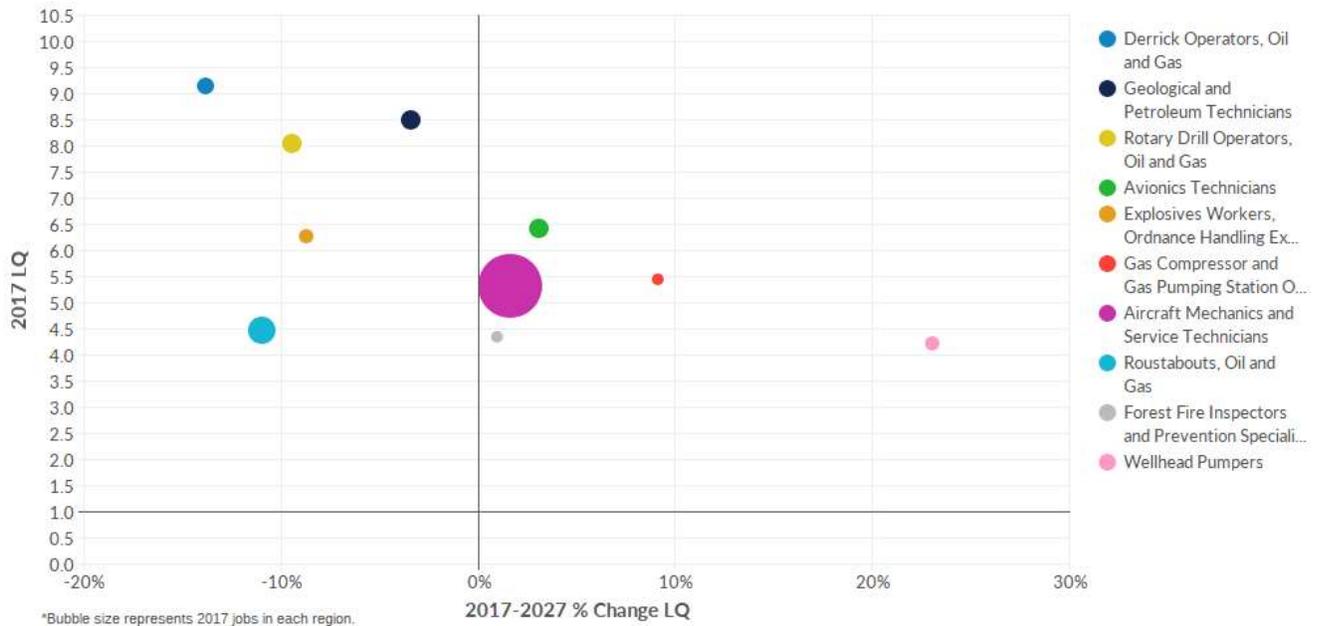


Occupation	Job Change	Occ Mix Effect	Nat Growth Effect	Expected Change	Competitive Effect
Construction Laborers	698	134	289	423	275
Cement Masons and Concrete Finishers	359	36	86	122	236
Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	422	-20	295	275	147
Electricians	335	65	136	201	134
Industrial Truck and Tractor Operators	245	-25	140	115	130
Tellers	47	-213	141	-72	118
Cashiers	502	-364	773	409	92
Packers and Packagers, Hand	150	-24	105	81	69
Operating Engineers and Other Construction Equipment Operators	175	17	93	110	65
Tax Preparers	81	-20	37	17	64
Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	59	-5	5	0	59
Teacher Assistants	271	13	207	220	52
Paper Goods Machine Setters, Operators, and Tenders	32	-36	21	-15	47
Self-Enrichment Education	174	62	68	130	45

Occupation	Job Change	Occ Mix Effect	Nat Growth Effect	Expected Change	Competitive Effect
Teachers					
Real Estate Sales Agents	14	-180	151	-29	43
Postal Service Mail Carriers	-127	-250	80	-170	43
Loan Interviewers and Clerks	123	6	77	83	40
Meat, Poultry, and Fish Cutters and Trimmers	38	-9	13	4	34
Wellhead Pumpers	55	8	13	21	34
Petroleum Pump System Operators, Refinery Operators, and Gaugers	45	-8	19	11	34
Landscaping and Groundskeeping Workers	309	-2	278	276	34
Correctional Officers and Jailers	83	-34	83	49	34
Brickmasons and Blockmasons	52	3	17	20	32
Pest Control Workers	44	-14	28	14	30
Machine Feeders and Offbearers	30	-12	14	2	28
Carpenters	83	-140	195	55	28
Bus Drivers, School or Special Client	96	-6	79	73	23
Slaughterers and Meat Packers	25	-4	8	4	22
Inspectors, Testers, Sorters, Samplers, and Weighers	69	-46	93	47	22
Paving, Surfacing, and Tamping Equipment Operators	53	5	28	33	20
First-Line Supervisors of Helpers, Laborers, and Material Movers, Hand	58	-16	54	38	20
Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	10	-16	7	-9	19
Electrical Power-Line Installers and Repairers	54	15	20	35	19
Cabinetmakers and Bench Carpenters	32	-25	40	15	18
Upholsterers	11	-16	11	-5	16
New Accounts Clerks	-1	-47	30	-17	15

Occupation	Job Change	Occ Mix Effect	Nat Growth Effect	Expected Change	Competitive Effect
Home Appliance Repairers	18	-14	16	2	15
Gas Plant Operators	18	-14	16	2	15
Painters, Transportation Equipment	29	-2	16	14	15
Billing and Posting Clerks	192	68	109	177	15
Protective Service Workers, All Other	26	0	13	13	13
Automotive Body and Related Repairers	62	2	48	50	13
First-Line Supervisors of Construction Trades and Extraction Workers	156	-103	246	143	13
Commercial Pilots	34	7	14	21	13
Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	-2	-36	21	-15	13
Tool and Die Makers	4	-18	9	-9	12
Coin, Vending, and Amusement Machine Servicers and Repairers	3	-25	15	-10	12
Weighers, Measurers, Checkers, and Samplers, Recordkeeping	19	-6	13	7	12
Sewing Machine Operators	-24	-55	21	-34	10
Computer-Controlled Machine Tool Operators, Metal and Plastic	87	37	40	77	10

# Highest Occupation Location Quotient



Occupation	2017 Jobs	2027 Jobs	% Change	2017 LQ	2027 LQ	% Change LQ	2016 Median Hourly Earnings
Derrick Operators, Oil and Gas	310	295	-5%	9.14	7.88	-14%	\$25.53
Geological and Petroleum Technicians	404	423	5%	8.49	8.20	-3%	\$24.60
Rotary Drill Operators, Oil and Gas	415	410	-1%	8.05	7.29	-9%	\$30.88
Avionics Technicians	362	375	4%	6.43	6.62	3%	\$25.51
Explosives Workers, Ordnance Handling Experts, and Blasters	127	118	-8%	6.26	5.72	-9%	\$24.49
Gas Compressor and Gas Pumping Station	67	72	7%	5.46	5.95	9%	\$29.33

Occupation	2017 Jobs	2027 Jobs	% Change	2017 LQ	2027 LQ	% Change LQ	2016 Median Hourly Earnings
Operators							
Aircraft Mechanics and Service Technicians	2,231	2,295	3%	5.33	5.41	2%	\$25.48
Roustabouts, Oil and Gas	705	676	-4%	4.47	3.98	-11%	\$21.42
Forest Fire Inspectors and Prevention Specialists	27	30	9%	4.35	4.39	1%	\$22.69
Wellhead Pumpers	158	214	35%	4.22	5.19	23%	\$27.26
Manufactured Building and Mobile Home Installers	44	34	-22%	4.04	4.08	1%	\$15.36
Sheet Metal Workers	1,763	1,713	-3%	3.84	3.55	-7%	\$25.81
Gas Plant Operators	193	211	9%	3.67	4.08	11%	\$28.80
Mechanical Door Repairers	228	224	-2%	3.60	3.27	-9%	\$16.22
Insurance Appraisers, Auto Damage	168	153	-9%	3.34	3.08	-8%	\$30.79
Respiratory Therapy Technicians	109	94	-14%	3.22	3.09	-4%	\$22.02
Title Examiners, Abstractors, and Searchers	627	635	1%	3.18	3.31	4%	\$19.07
Helpers--Extraction Workers	173	175	1%	3.13	2.86	-8%	\$16.94
First-Line Supervisors of Police and	971	989	2%	3.06	3.05	0%	\$41.98

Occupation	2017 Jobs	2027 Jobs	% Change	2017 LQ	2027 LQ	% Change LQ	2016 Median Hourly Earnings
Detectives							
Service Unit Operators, Oil, Gas, and Mining	390	416	7%	3.04	3.11	2%	\$20.11
Helpers--Electricians	707	810	15%	2.97	3.05	3%	\$16.44
Meter Readers, Utilities	297	258	-13%	2.83	2.83	0%	\$15.28
New Accounts Clerks	357	355	0%	2.76	2.98	8%	\$17.00
Embalmers	31	27	-12%	2.74	2.57	-6%	\$23.20
Control and Valve Installers and Repairers, Except Mechanical Door	382	369	-3%	2.62	2.50	-5%	\$26.95
Tree Trimmers and Pruners	512	542	6%	2.58	2.62	2%	\$12.49
Environmental Engineering Technicians	133	134	1%	2.49	2.31	-7%	\$18.88
First-Line Supervisors of Fire Fighting and Prevention Workers	439	455	4%	2.44	2.44	0%	\$41.85
Correspondence Clerks	51	43	-15%	2.32	2.08	-11%	\$16.07
Surveying and Mapping Technicians	413	390	-6%	2.28	2.30	1%	\$17.80
Cooks, Fast Food	3,725	3,289	-12%	2.26	2.22	-2%	\$9.03
Transportation Inspectors	215	213	-1%	2.23	2.17	-3%	\$47.71

Occupation	2017 Jobs	2027 Jobs	% Change	2017 LQ	2027 LQ	% Change LQ	2016 Median Hourly Earnings
Medical Records and Health Information Technicians	1,461	1,563	7%	2.19	2.12	-4%	\$15.22
Electro-Mechanical Technicians	96	94	-2%	2.16	2.12	-2%	\$20.14
Riggers	147	143	-3%	2.10	1.98	-6%	\$23.11
Diagnostic Medical Sonographers	452	531	17%	2.10	2.08	-1%	\$32.55
Radiation Therapists	117	128	10%	2.10	2.09	-1%	\$37.90
Electrical and Electronics Repairers, Commercial and Industrial Equipment	457	455	0%	2.10	2.09	-1%	\$27.52
Ophthalmic Medical Technicians	300	348	16%	2.06	2.03	-1%	\$18.32
Extraction Workers, All Other	27	26	-3%	2.05	1.80	-12%	\$21.37
Paving, Surfacing, and Tamping Equipment Operators	327	381	16%	2.00	2.19	9%	\$17.58
Air Traffic Controllers	158	153	-3%	1.97	2.04	4%	\$53.25
Precision Instrument and Equipment Repairers, All Other	78	75	-5%	1.95	1.88	-4%	\$27.68
Fire Inspectors and Investigators	73	77	5%	1.92	1.93	1%	\$29.54

Occupation	2017 Jobs	2027 Jobs	% Change	2017 LQ	2027 LQ	% Change LQ	2016 Median Hourly Earnings
Pile-Driver Operators	22	24	7%	1.90	1.88	-1%	\$20.53
Community Health Workers	345	369	7%	1.89	1.82	-4%	\$21.14
Coil Winders, Tapers, and Finishers	85	84	-1%	1.88	1.95	4%	\$13.95
Production, Planning, and Expediting Clerks	1,984	2,020	2%	1.86	1.84	-1%	\$23.17
Cooks, Institution and Cafeteria	2,548	2,566	1%	1.86	1.78	-4%	\$9.49
Surgical Technologists	636	702	10%	1.85	1.85	0%	\$19.53

# 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