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October 2017

**Indian Capital Technology Center  
Highest Ranked Occupations Report**



Providing Valid and Reliable Data

Information  
Management  
Division

# Parameters

## Regions

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Code	Description
40001	Adair County, OK
40021	Cherokee County, OK
40041	Delaware County, OK
40091	McIntosh County, OK
40101	Muskogee County, OK
40135	Sequoyah County, OK
40145	Wagoner County, OK

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## Education Levels

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Description
Less than high school
High school diploma or equivalent
Some college, no degree
Postsecondary non-degree award
Associate's degree

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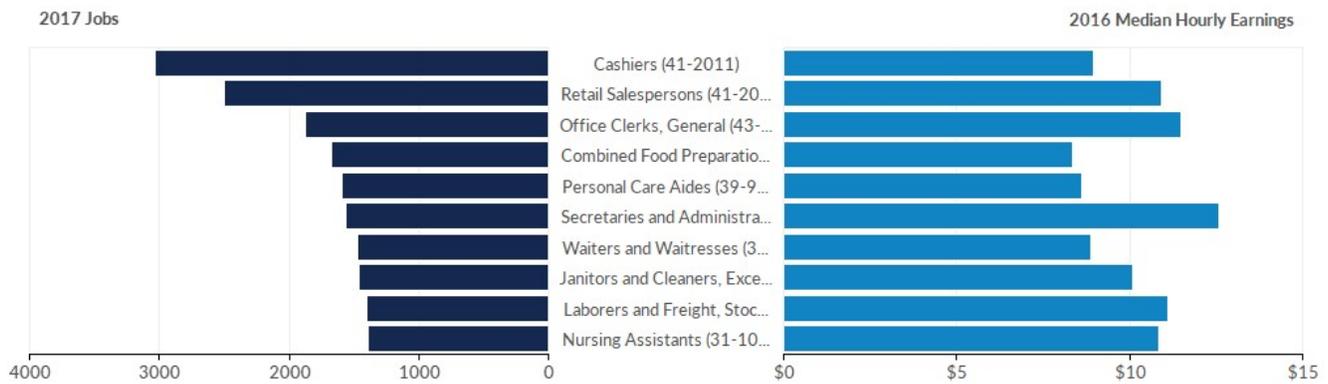
## Timeframe

2017 - 2027

## Datarun

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

# Largest Occupations

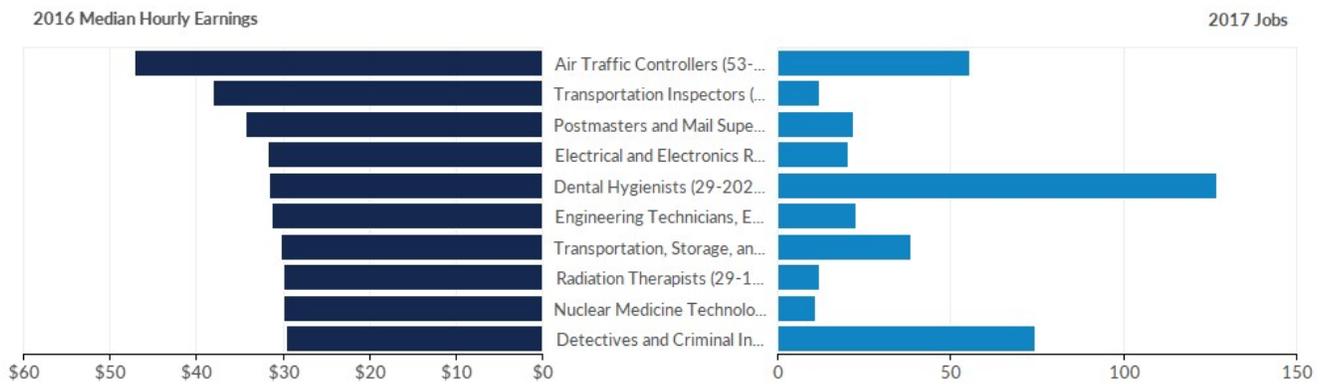


Occupation	2017 Jobs	2027 Jobs	Change in Jobs (2017-2027)	% Change	2016 Median Hourly Earnings
Cashiers	3,034	3,303	268	9%	\$8.97
Retail Salespersons	2,501	2,940	439	18%	\$10.92
Office Clerks, General	1,879	2,053	175	9%	\$11.48
Combined Food Preparation and Serving Workers, Including Fast Food	1,677	1,909	233	14%	\$8.35
Personal Care Aides	1,595	1,716	121	8%	\$8.61
Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	1,558	1,674	116	7%	\$12.58
Waiters and Waitresses	1,473	1,428	-45	-3%	\$8.87
Janitors and Cleaners, Except Maids and Housekeeping Cleaners	1,465	1,608	143	10%	\$10.11
Laborers and Freight, Stock, and Material Movers, Hand	1,399	1,492	92	7%	\$11.09
Nursing Assistants	1,392	1,501	110	8%	\$10.83
Heavy and Tractor-Trailer Truck Drivers	1,286	1,332	46	4%	\$17.61
First-Line Supervisors of Retail Sales Workers	1,260	1,378	118	9%	\$15.60
Farmers, Ranchers, and Other Agricultural Managers	1,207	870	-337	-28%	\$11.29
Stock Clerks and Order Fillers	1,131	1,265	135	12%	\$9.65
Construction Laborers	1,114	1,217	103	9%	\$13.25

Occupation	2017 Jobs	2027 Jobs	Change in Jobs (2017-2027)	% Change	2016 Median Hourly Earnings
First-Line Supervisors of Office and Administrative Support Workers	1,104	1,218	114	10%	\$18.94
Bookkeeping, Accounting, and Auditing Clerks	1,103	1,086	-17	-2%	\$15.63
Maintenance and Repair Workers, General	1,087	1,231	144	13%	\$13.80
Customer Service Representatives	1,078	1,195	117	11%	\$12.27
Teacher Assistants	1,055	1,080	26	2%	\$9.05
Farmworkers and Laborers, Crop, Nursery, and Greenhouse	1,042	1,076	34	3%	\$10.18
Landscaping and Groundskeeping Workers	1,010	1,182	172	17%	\$8.87
Claims Adjusters, Examiners, and Investigators	999	1,034	35	4%	\$26.22
Licensed Practical and Licensed Vocational Nurses	911	944	33	4%	\$18.04
Home Health Aides	807	900	93	12%	\$9.73
Childcare Workers	794	666	-128	-16%	\$8.22
Carpenters	780	754	-26	-3%	\$14.30
Cooks, Restaurant	776	806	29	4%	\$10.04
Food Preparation Workers	749	773	23	3%	\$8.70
Cooks, Fast Food	743	671	-72	-10%	\$8.37
First-Line Supervisors of Food Preparation and Serving Workers	739	806	67	9%	\$11.66
Maids and Housekeeping Cleaners	731	774	43	6%	\$8.81
Cooks, Institution and Cafeteria	712	683	-29	-4%	\$9.04
Police and Sheriff's Patrol Officers	684	888	204	30%	\$17.33
Automotive Service Technicians and Mechanics	573	593	20	3%	\$12.50
Electricians	558	742	184	33%	\$21.58
Welders, Cutters, Solderers, and Brazers	515	601	85	17%	\$18.18

Occupation	2017 Jobs	2027 Jobs	Change in Jobs (2017-2027)	% Change	2016 Median Hourly Earnings
Hairdressers, Hairstylists, and Cosmetologists	503	518	15	3%	\$11.62
Security Guards	483	539	57	12%	\$11.92
Receptionists and Information Clerks	471	503	32	7%	\$10.86
Team Assemblers	434	505	71	16%	\$11.17
Medical Secretaries	425	469	44	10%	\$12.32
First-Line Supervisors of Production and Operating Workers	421	465	44	10%	\$23.03
First-Line Supervisors of Construction Trades and Extraction Workers	420	439	19	4%	\$19.34
Tellers	397	376	-21	-5%	\$11.03
Paper Goods Machine Setters, Operators, and Tenders	390	314	-76	-20%	\$19.98
Light Truck or Delivery Services Drivers	377	414	37	10%	\$12.59
Correctional Officers and Jailers	369	435	66	18%	\$13.45
Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	367	395	28	8%	\$9.15
Industrial Truck and Tractor Operators	364	389	24	7%	\$12.72

# Highest Paying Occupations

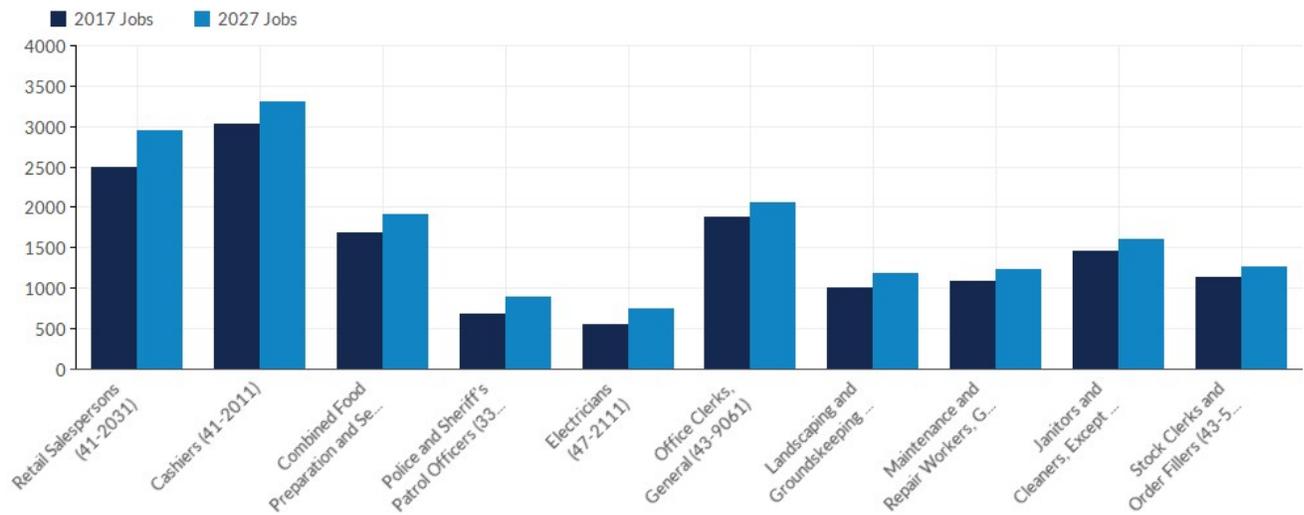


Occupation	2017 Jobs	2027 Jobs	Change in Jobs (2017-2027)	% Change	2016 Earnings Per Worker
Air Traffic Controllers	55	57	2	4%	\$47.15
Transportation Inspectors	12	15	3	25%	\$38.10
Postmasters and Mail Superintendents	22	18	-4	-18%	\$34.28
Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	20	19	-1	-5%	\$31.81
Dental Hygienists	127	123	-4	-3%	\$31.65
Engineering Technicians, Except Drafters, All Other	23	25	2	9%	\$31.33
Transportation, Storage, and Distribution Managers	38	46	8	21%	\$30.17
Radiation Therapists	12	14	2	17%	\$29.89
Nuclear Medicine Technologists	11	11	0	0%	\$29.85
Detectives and Criminal Investigators	74	91	17	23%	\$29.67
Funeral Service Managers	16	17	1	6%	\$29.54
Power Plant Operators	49	40	-9	-18%	\$29.32
Magnetic Resonance Imaging Technologists	11	12	1	9%	\$28.95
Diagnostic Medical Sonographers	33	40	7	21%	\$28.59
Industrial Engineering Technicians	25	27	2	8%	\$28.20
Computer Numerically Controlled Machine Tool Programmers, Metal and Plastic	31	39	8	26%	\$27.88

Occupation	2017 Jobs	2027 Jobs	Change in Jobs (2017-2027)	% Change	2016 Earnings Per Worker
Tool and Die Makers	16	17	1	6%	\$27.23
Avionics Technicians	14	15	1	7%	\$27.02
Gaming Managers	65	69	4	6%	\$26.98
Electrical and Electronics Engineering Technicians	47	51	4	9%	\$26.93
Electrical and Electronics Drafters	15	16	1	7%	\$26.69
Physical Therapist Assistants	97	112	15	15%	\$26.49
Occupational Therapy Assistants	37	45	8	22%	\$26.47
First-Line Supervisors of Police and Detectives	103	132	29	28%	\$26.31
Claims Adjusters, Examiners, and Investigators	999	1,034	35	4%	\$26.22
First-Line Supervisors of Fire Fighting and Prevention Workers	72	92	20	28%	\$26.19
Rail Car Repairers	17	21	4	24%	\$26.05
Mechanical Engineering Technicians	29	31	2	7%	\$25.90
Aircraft Mechanics and Service Technicians	25	29	4	16%	\$25.82
Architectural and Civil Drafters	26	30	4	15%	\$25.45
Electro-Mechanical Technicians	11	13	2	18%	\$25.16
First-Line Supervisors of Mechanics, Installers, and Repairers	311	352	41	13%	\$24.89
Postal Service Mail Carriers	204	173	-31	-15%	\$24.76
Civil Engineering Technicians	16	21	5	31%	\$24.71
Railroad Brake, Signal, and Switch Operators	19	24	5	26%	\$24.25
First-Line Supervisors of Transportation and Material-Moving Machine and Vehicle Operators	107	123	16	15%	\$24.10
Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	33	32	-1	-3%	\$23.84
Electrical and Electronics Repairers, Commercial and	27	32	5	19%	\$23.61

<b>Occupation</b>	<b>2017 Jobs</b>	<b>2027 Jobs</b>	<b>Change in Jobs (2017-2027)</b>	<b>% Change</b>	<b>2016 Earnings Per Worker</b>
Industrial Equipment					
Industrial Machinery Mechanics	193	247	54	28%	\$23.53
Postal Service Mail Sorters, Processors, and Processing Machine Operators	17	17	0	0%	\$23.37
Telecommunications Line Installers and Repairers	65	82	17	26%	\$23.10
Mechanical Drafters	38	42	4	11%	\$23.07
First-Line Supervisors of Production and Operating Workers	421	465	44	10%	\$23.03
Stationary Engineers and Boiler Operators	19	21	2	11%	\$22.96
Radiologic Technologists	141	152	11	8%	\$22.94
Paralegals and Legal Assistants	42	49	7	17%	\$22.91
Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	288	349	61	21%	\$22.87
Locomotive Engineers	43	53	10	23%	\$22.76
Respiratory Therapists	50	58	8	16%	\$22.72
Tool Grinders, Filers, and Sharpeners	14	16	2	14%	\$22.65

## Fastest Growing Occupations

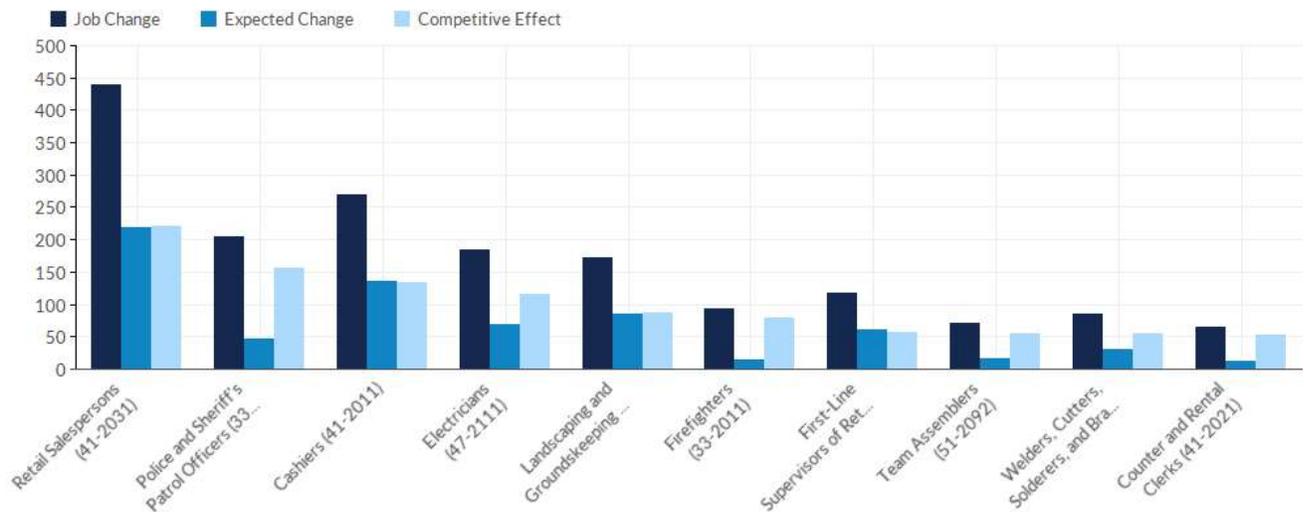


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Police and Sheriff's Patrol Officers	684	888	204	30%	\$17.33
Electricians	558	742	184	33%	\$21.58
Office Clerks, General	1,879	2,053	175	9%	\$11.48
Landscaping and Groundskeeping Workers	1,010	1,182	172	17%	\$8.87
Maintenance and Repair Workers, General	1,087	1,231	144	13%	\$13.80
Janitors and Cleaners, Except Maids and Housekeeping Cleaners	1,465	1,608	143	10%	\$10.11
Stock Clerks and Order Fillers	1,131	1,265	135	12%	\$9.65
Personal Care Aides	1,595	1,716	121	8%	\$8.61
First-Line Supervisors of Retail Sales Workers	1,260	1,378	118	9%	\$15.60
Customer Service Representatives	1,078	1,195	117	11%	\$12.27
Secretaries and Administrative	1,558	1,674	116	7%	\$12.58

Occupation	2017 Jobs	2027 Jobs	Change in Jobs (2017-2027)	% Change	2016 Median Hourly Earnings
Assistants, Except Legal, Medical, and Executive					
First-Line Supervisors of Office and Administrative Support Workers	1,104	1,218	114	10%	\$18.94
Nursing Assistants	1,392	1,501	110	8%	\$10.83
Construction Laborers	1,114	1,217	103	9%	\$13.25
Home Health Aides	807	900	93	12%	\$9.73
Firefighters	205	297	93	45%	\$17.37
Laborers and Freight, Stock, and Material Movers, Hand	1,399	1,492	92	7%	\$11.09
Welders, Cutters, Solderers, and Brazers	515	601	85	17%	\$18.18
Machinists	284	357	73	26%	\$20.27
Team Assemblers	434	505	71	16%	\$11.17
First-Line Supervisors of Food Preparation and Serving Workers	739	806	67	9%	\$11.66
Correctional Officers and Jailers	369	435	66	18%	\$13.45
Counter and Rental Clerks	174	238	64	37%	\$11.00
Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	288	349	61	21%	\$22.87
Medical Assistants	348	409	61	18%	\$13.35
Recreation Workers	168	228	60	35%	\$9.74
Security Guards	483	539	57	12%	\$11.92
Industrial Machinery Mechanics	193	247	54	28%	\$23.53
Highway Maintenance Workers	307	354	48	15%	\$13.63
Sales Representatives, Services, All Other	319	367	47	15%	\$18.77
Water and Wastewater Treatment Plant and System Operators	270	317	47	18%	\$15.75
Heavy and Tractor-Trailer Truck Drivers	1,286	1,332	46	4%	\$17.61
Medical Secretaries	425	469	44	10%	\$12.32

<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>
First-Line Supervisors of Production and Operating Workers	421	465	44	10%	\$23.03
Maids and Housekeeping Cleaners	731	774	43	6%	\$8.81
Computer-Controlled Machine Tool Operators, Metal and Plastic	140	182	42	30%	\$18.64
Emergency Medical Technicians and Paramedics	278	320	42	15%	\$14.53
First-Line Supervisors of Mechanics, Installers, and Repairers	311	352	41	13%	\$24.89
Bus and Truck Mechanics and Diesel Engine Specialists	152	193	40	26%	\$16.56
Helpers--Electricians	74	113	39	52%	\$14.08
Computer User Support Specialists	324	363	38	12%	\$19.02
Light Truck or Delivery Services Drivers	377	414	37	10%	\$12.59
Court, Municipal, and License Clerks	149	185	36	24%	\$14.38
Claims Adjusters, Examiners, and Investigators	999	1,034	35	4%	\$26.22
Social and Human Service Assistants	108	143	35	32%	\$14.11
Farmworkers and Laborers, Crop, Nursery, and Greenhouse	1,042	1,076	34	3%	\$10.18
Licensed Practical and Licensed Vocational Nurses	911	944	33	4%	\$18.04

## Most Competitive Occupations

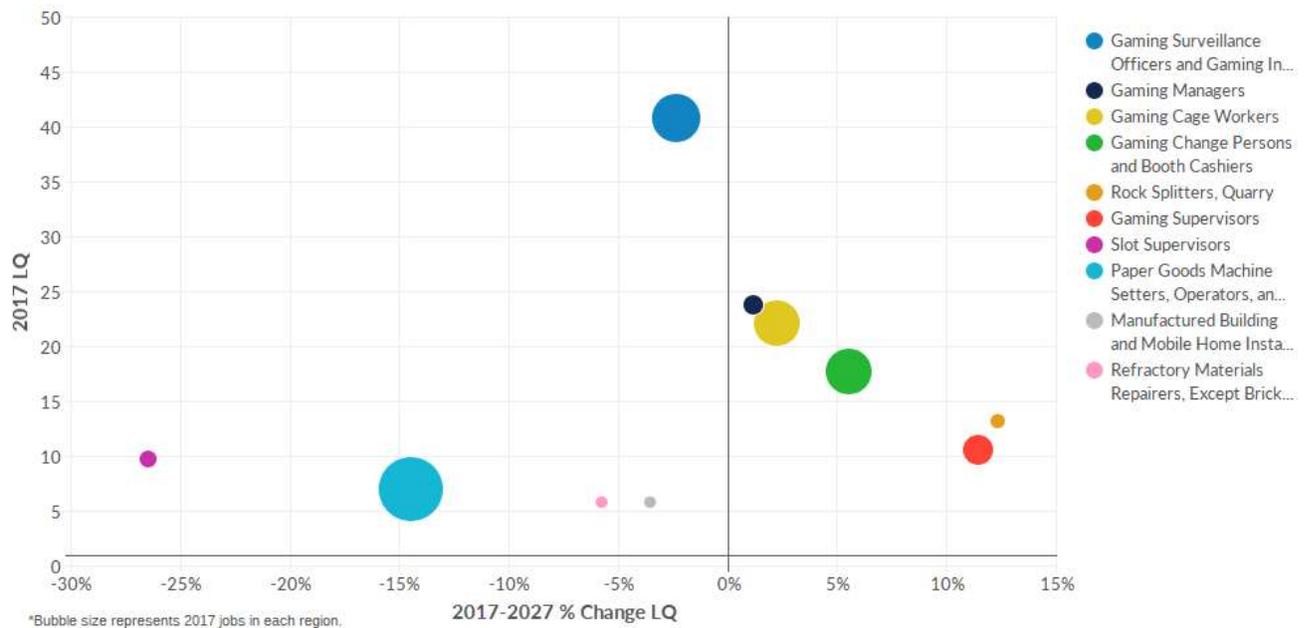


Occupation	Job Change	Occ Mix Effect	Nat Growth Effect	Expected Change	Competitive Effect
Retail Salespersons	439	7	210	217	221
Police and Sheriff's Patrol Officers	204	-10	58	48	156
Cashiers	268	-120	255	135	133
Electricians	184	22	47	69	115
Landscaping and Groundskeeping Workers	172	-1	85	84	88
Firefighters	93	-3	17	14	79
First-Line Supervisors of Retail Sales Workers	118	-45	106	61	57
Team Assemblers	71	-20	36	16	55
Welders, Cutters, Solderers, and Brazers	85	-13	43	30	54
Counter and Rental Clerks	64	-2	15	13	52
Office Clerks, General	175	-34	158	124	51
Stock Clerks and Order Fillers	135	-11	95	84	50
Correctional Officers and Jailers	66	-13	31	18	48
Maintenance and Repair Workers, General	144	6	91	97	47
Machinists	73	5	24	29	44
Recreation Workers	60	6	14	20	39
Sales Representatives,	61	-2	24	22	39

Occupation	Job Change	Occ Mix Effect	Nat Growth Effect	Expected Change	Competitive Effect
Wholesale and Manufacturing, Except Technical and Scientific Products					
First-Line Supervisors of Production and Operating Workers	44	-30	35	5	38
Highway Maintenance Workers	48	-8	26	18	30
Combined Food Preparation and Serving Workers, Including Fast Food	233	64	141	205	28
Court, Municipal, and License Clerks	36	-4	13	9	28
Helpers--Electricians	39	5	6	11	27
Water and Wastewater Treatment Plant and System Operators	47	-2	23	21	27
First-Line Supervisors of Police and Detectives	29	-3	9	6	23
Packaging and Filling Machine Operators and Tenders	28	-4	10	6	22
Social and Human Service Assistants	35	5	9	14	21
Industrial Machinery Mechanics	54	18	16	34	21
Inspectors, Testers, Sorters, Samplers, and Weighers	29	-9	18	9	20
Bus and Truck Mechanics and Diesel Engine Specialists	40	7	13	20	20
Amusement and Recreation Attendants	32	2	11	13	19
Computer-Controlled Machine Tool Operators, Metal and Plastic	42	11	12	23	19
Bookkeeping, Accounting, and Auditing Clerks	-17	-128	93	-35	19
Taxi Drivers and Chauffeurs	27	3	6	9	18
Gaming Supervisors	24	-7	13	6	18
Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	2	-25	10	-15	18
Bus Drivers, Transit and	26	0	8	8	18

Occupation	Job Change	Occ Mix Effect	Nat Growth Effect	Expected Change	Competitive Effect
Intercity					
Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	116	-33	131	98	18
Eligibility Interviewers, Government Programs	19	-2	4	2	17
Police, Fire, and Ambulance Dispatchers	18	-13	14	1	17
First-Line Supervisors of Mechanics, Installers, and Repairers	41	-2	26	24	17
Security Guards	57	0	41	41	16
Library Assistants, Clerical	24	0	8	8	16
Shipping, Receiving, and Traffic Clerks	22	-13	19	6	15
Detectives and Criminal Investigators	17	-5	6	1	15
First-Line Supervisors of Fire Fighting and Prevention Workers	20	-1	6	5	15
Telecommunications Equipment Installers and Repairers, Except Line Installers	16	-4	4	0	15
Sales Representatives, Services, All Other	47	6	27	33	15
Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	17	-7	9	2	15
Telecommunications Line Installers and Repairers	17	-2	5	3	14
Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	22	1	7	8	14

## Highest Occupation Location Quotient



Occupation	2017 Jobs	2027 Jobs	% Change	2017 LQ	2027 LQ	% Change LQ	2016 Median Hourly Earnings
Gaming Surveillance Officers and Gaming Investigators	276	270	-2%	40.84	39.88	-2%	\$12.88
Gaming Managers	65	69	7%	23.83	24.12	1%	\$26.98
Gaming Cage Workers	266	298	12%	22.18	22.68	2%	\$10.74
Gaming Change Persons and Booth Cashiers	254	270	6%	17.71	18.68	5%	\$11.15
Rock Splitters, Quarry	29	35	20%	13.22	14.84	12%	\$16.39
Gaming Supervisors	152	176	15%	10.64	11.85	11%	\$17.90
Slot Supervisors	49	31	-36%	9.71	7.14	-26%	\$11.31
Paper Goods Machine Setters, Operators, and Repairers	390	314	-20%	7.08	6.06	-14%	\$19.98

Occupation	2017 Jobs	2027 Jobs	% Change	2017 LQ	2027 LQ	% Change LQ	2016 Median Hourly Earnings
Setters, Operators, and Tenders							
Manufactured Building and Mobile Home Installers	12	9	-23%	5.84	5.63	-4%	\$12.45
Refractory Materials Repairers, Except Brickmasons	5	5	-5%	5.83	5.49	-6%	\$18.96
Claims Adjusters, Examiners, and Investigators	999	1,034	4%	5.74	5.65	-2%	\$26.22
Pesticide Handlers, Sprayers, and Applicators, Vegetation	111	111	0%	5.44	5.04	-7%	\$20.45
Molders, Shapers, and Casters, Except Metal and Plastic	142	133	-6%	5.25	4.87	-7%	\$14.52
Coil Winders, Tapers, and Finishers	45	41	-8%	5.14	4.80	-7%	\$13.88
Gaming Dealers	284	310	9%	4.68	4.76	2%	\$9.27
Embalmers	10	9	-3%	4.39	4.45	1%	\$17.97
Coin, Vending, and Amusement Machine Servicers and Repairers	95	103	8%	4.27	4.86	14%	\$13.66
Entertainment Attendants and Related Workers, All Other	39	44	13%	4.21	4.13	-2%	\$10.06

Occupation	2017 Jobs	2027 Jobs	% Change	2017 LQ	2027 LQ	% Change LQ	2016 Median Hourly Earnings
Farmers, Ranchers, and Other Agricultural Managers	1,207	870	-28%	4.16	3.27	-21%	\$11.29
Water and Wastewater Treatment Plant and System Operators	270	317	18%	3.84	4.21	10%	\$15.75
Air Traffic Controllers	55	57	3%	3.58	3.84	7%	\$47.15
Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	42	38	-10%	3.55	3.35	-6%	\$17.58
Highway Maintenance Workers	307	354	15%	3.48	3.81	9%	\$13.63
Motorboat Mechanics and Service Technicians	51	51	0%	3.32	3.17	-4%	\$17.51
Meter Readers, Utilities	62	59	-5%	3.09	3.25	5%	\$15.26
Tank Car, Truck, and Ship Loaders	22	24	10%	3.02	3.07	2%	\$11.10
Gaming and Sports Book Writers and Runners	22	24	5%	2.98	2.97	0%	\$8.83
Funeral Service Managers	16	17	5%	2.90	2.86	-1%	\$29.54
Cutting and Slicing Machine Setters, Operators, and Tenders	109	92	-15%	2.84	2.46	-13%	\$14.60

Occupation	2017 Jobs	2027 Jobs	% Change	2017 LQ	2027 LQ	% Change LQ	2016 Median Hourly Earnings
Maintenance Workers, Machinery	161	182	14%	2.82	2.92	4%	\$19.49
Police, Fire, and Ambulance Dispatchers	167	185	11%	2.79	3.08	10%	\$11.65
Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	80	75	-5%	2.79	3.01	8%	\$15.08
Explosives Workers, Ordnance Handling Experts, and Blasters	11	11	5%	2.72	2.73	1%	\$20.94
Postmasters and Mail Superintendents	22	18	-20%	2.71	2.67	-2%	\$34.28
Cooks, Institution and Cafeteria	712	683	-4%	2.69	2.39	-11%	\$9.04
Refuse and Recyclable Material Collectors	205	234	14%	2.60	2.69	4%	\$14.50
Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	45	53	19%	2.58	3.31	28%	\$10.90
Mechanical Door Repairers	31	33	6%	2.54	2.42	-5%	\$15.07
Floral Designers	79	62	-21%	2.52	2.06	-18%	\$10.55
Cleaning,	30	30	-1%	2.51	2.39	-5%	\$12.48

Occupation	2017 Jobs	2027 Jobs	% Change	2017 LQ	2027 LQ	% Change LQ	2016 Median Hourly Earnings
Washing, and Metal Pickling Equipment Operators and Tenders							
Gaming Service Workers, All Other	20	22	12%	2.51	2.60	4%	\$10.72
Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	26	26	1%	2.42	2.78	15%	\$13.47
Animal Control Workers	19	23	22%	2.41	2.76	14%	\$11.95
Paving, Surfacing, and Tamping Equipment Operators	76	83	9%	2.40	2.39	0%	\$15.41
Outdoor Power Equipment and Other Small Engine Mechanics	52	61	17%	2.39	2.60	9%	\$10.66
Model Makers, Wood	2	3	6%	2.34	2.39	2%	\$19.77
Cooks, Fast Food	743	671	-10%	2.34	2.28	-3%	\$8.37
Pile-Driver Operators	5	5	4%	2.33	2.18	-7%	\$19.72
Power Plant Operators	49	40	-18%	2.32	1.98	-14%	\$29.32
Drilling and Boring Machine Tool Setters, Operators,	17	17	0%	2.30	2.58	13%	\$20.22

Occupation	2017 Jobs	2027 Jobs	% Change	2017 LQ	2027 LQ	% Change LQ	2016 Median Hourly Earnings
and Tenders, Metal and Plastic							

# 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