

September 2017

**Autry Technology Center
Highest Ranked Occupations**



Providing Valid and Reliable Data

Information
Management
Division

Parameters

Regions

Code	Description
40003	Alfalfa County, OK
40047	Garfield County, OK
40053	Grant County, OK
40071	Kay County, OK
40073	Kingfisher County, OK
40083	Logan County, OK
40093	Major County, OK
40103	Noble 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

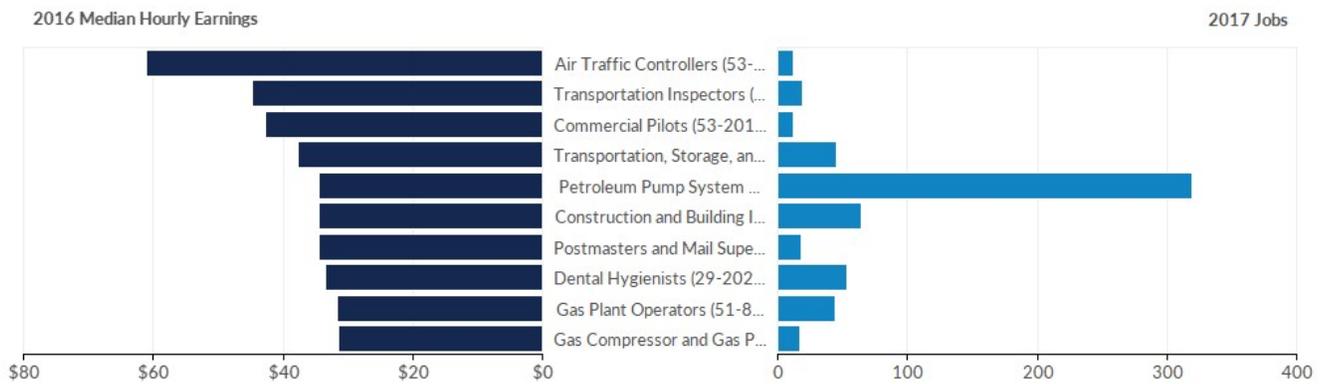


Occupation	2017 Jobs	2027 Jobs	Change in Jobs (2017-2027)	% Change	2016 Median Hourly Earnings
Cashiers	2,143	2,317	174	8%	\$9.23
Heavy and Tractor-Trailer Truck Drivers	2,067	2,428	360	17%	\$19.78
Retail Salespersons	1,826	2,076	249	14%	\$10.48
Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	1,758	1,826	68	4%	\$14.08
Combined Food Preparation and Serving Workers, Including Fast Food	1,439	1,539	99	7%	\$8.42
Office Clerks, General	1,290	1,392	102	8%	\$12.26
Construction Laborers	1,221	1,571	350	29%	\$13.92
Nursing Assistants	1,193	1,324	131	11%	\$11.31
Janitors and Cleaners, Except Maids and Housekeeping Cleaners	1,163	1,324	161	14%	\$10.23
Bookkeeping, Accounting, and Auditing Clerks	1,147	1,122	-25	-2%	\$15.66
Stock Clerks and Order Fillers	909	975	66	7%	\$10.49
Laborers and Freight, Stock, and Material Movers, Hand	900	993	94	10%	\$11.54
First-Line Supervisors of Retail Sales Workers	864	928	64	7%	\$15.76
Waiters and Waitresses	861	852	-9	-1%	\$9.24
Personal Care Aides	854	1,032	177	21%	\$8.86

Occupation	2017 Jobs	2027 Jobs	Change in Jobs (2017-2027)	% Change	2016 Median Hourly Earnings
First-Line Supervisors of Construction Trades and Extraction Workers	817	1,027	211	26%	\$27.57
Maids and Housekeeping Cleaners	767	818	51	7%	\$8.97
Welders, Cutters, Solderers, and Brazers	749	831	81	11%	\$18.64
First-Line Supervisors of Office and Administrative Support Workers	726	799	73	10%	\$21.23
Maintenance and Repair Workers, General	717	795	78	11%	\$15.94
Landscaping and Groundskeeping Workers	705	772	67	10%	\$9.26
Farmers, Ranchers, and Other Agricultural Managers	694	661	-33	-5%	\$11.42
Farmworkers and Laborers, Crop, Nursery, and Greenhouse	684	791	108	16%	\$13.43
Licensed Practical and Licensed Vocational Nurses	675	731	56	8%	\$17.79
Teacher Assistants	656	687	31	5%	\$8.93
Roustabouts, Oil and Gas	645	780	134	21%	\$17.60
Customer Service Representatives	593	672	80	13%	\$13.01
Automotive Service Technicians and Mechanics	583	609	26	4%	\$13.80
Cooks, Institution and Cafeteria	577	591	14	2%	\$9.17
Childcare Workers	562	481	-81	-14%	\$8.23
First-Line Supervisors of Food Preparation and Serving Workers	510	528	18	4%	\$12.09
Light Truck or Delivery Services Drivers	500	547	48	10%	\$13.61
Cooks, Restaurant	498	529	31	6%	\$9.89
Carpenters	490	613	123	25%	\$14.41
Police and Sheriff's Patrol Officers	489	563	74	15%	\$19.61
Home Health Aides	474	576	102	21%	\$9.22

Occupation	2017 Jobs	2027 Jobs	Change in Jobs (2017-2027)	% Change	2016 Median Hourly Earnings
First-Line Supervisors of Production and Operating Workers	472	510	38	8%	\$27.57
Service Unit Operators, Oil, Gas, and Mining	471	572	102	22%	\$24.57
Cooks, Fast Food	432	363	-69	-16%	\$8.34
Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	423	428	5	1%	\$9.69
Team Assemblers	402	434	32	8%	\$14.92
Plumbers, Pipefitters, and Steamfitters	391	455	64	16%	\$18.78
Medical Secretaries	375	386	11	3%	\$13.79
Operating Engineers and Other Construction Equipment Operators	373	467	93	25%	\$19.73
Tellers	371	347	-23	-6%	\$11.78
Electricians	362	466	104	29%	\$20.91
Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	361	450	89	25%	\$25.70
Highway Maintenance Workers	352	381	30	8%	\$16.71
Aircraft Mechanics and Service Technicians	350	312	-37	-11%	\$27.87
Receptionists and Information Clerks	340	371	30	9%	\$12.34

Highest Paying Occupations

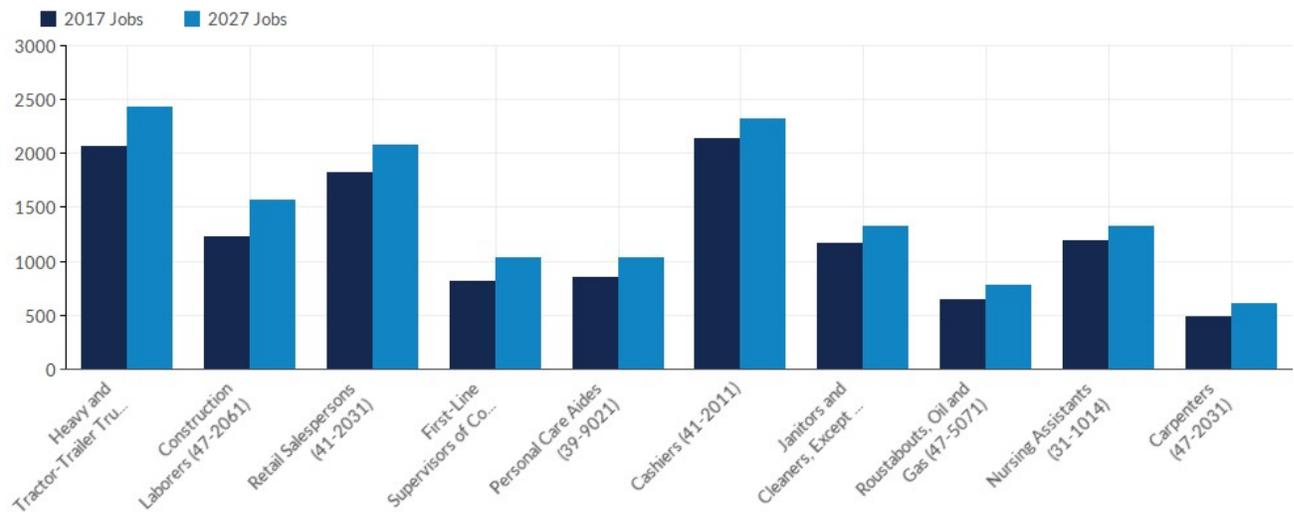


Occupation	2017 Jobs	2027 Jobs	Change in Jobs (2017-2027)	% Change	2016 Earnings Per Worker
Air Traffic Controllers	12	11	-1	-8%	\$61.07
Transportation Inspectors	19	20	1	5%	\$44.76
Commercial Pilots	12	16	4	33%	\$42.67
Transportation, Storage, and Distribution Managers	45	52	7	16%	\$37.65
Petroleum Pump System Operators, Refinery Operators, and Gaugers	319	378	59	18%	\$34.55
Construction and Building Inspectors	64	73	9	14%	\$34.54
Postmasters and Mail Superintendents	18	11	-7	-39%	\$34.41
Dental Hygienists	54	70	16	30%	\$33.41
Gas Plant Operators	44	52	8	18%	\$31.63
Gas Compressor and Gas Pumping Station Operators	17	20	3	18%	\$31.47
Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	16	15	-1	-6%	\$30.82
Geological and Petroleum Technicians	80	104	24	30%	\$30.72
Power Plant Operators	32	29	-3	-9%	\$30.49
First-Line Supervisors of Mechanics, Installers, and Repairers	309	340	31	10%	\$29.82
Computer Network Support	56	58	2	4%	\$28.61

Occupation	2017 Jobs	2027 Jobs	Change in Jobs (2017-2027)	% Change	2016 Earnings Per Worker
Specialists					
First-Line Supervisors of Farming, Fishing, and Forestry Workers	56	58	2	4%	\$28.57
First-Line Supervisors of Police and Detectives	79	87	8	10%	\$28.39
Diagnostic Medical Sonographers	17	18	1	6%	\$28.13
Physical Therapist Assistants	33	40	7	21%	\$27.90
Aircraft Mechanics and Service Technicians	350	312	-38	-11%	\$27.87
Crane and Tower Operators	40	50	10	25%	\$27.76
Chemical Plant and System Operators	18	20	2	11%	\$27.68
Electrical Power-Line Installers and Repairers	120	137	17	14%	\$27.66
First-Line Supervisors of Construction Trades and Extraction Workers	817	1,027	210	26%	\$27.57
First-Line Supervisors of Production and Operating Workers	472	510	38	8%	\$27.57
Funeral Service Managers	13	13	0	0%	\$27.31
Rail Car Repairers	16	18	2	13%	\$26.88
First-Line Supervisors of Transportation and Material-Moving Machine and Vehicle Operators	176	203	27	15%	\$26.88
Wellhead Pumpers	84	113	29	35%	\$26.72
Telecommunications Line Installers and Repairers	75	81	6	8%	\$25.86
Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	361	450	89	25%	\$25.70
Respiratory Therapists	47	47	0	0%	\$25.50
Avionics Technicians	12	12	0	0%	\$25.48
Occupational Therapy Assistants	20	25	5	25%	\$25.45
Tax Preparers	64	61	-3	-5%	\$25.17
First-Line Supervisors of Fire Fighting and Prevention Workers	71	78	7	10%	\$24.97

Occupation	2017 Jobs	2027 Jobs	Change in Jobs (2017-2027)	% Change	2016 Earnings Per Worker
Industrial Engineering Technicians	25	29	4	16%	\$24.96
Rotary Drill Operators, Oil and Gas	162	211	49	30%	\$24.86
Railroad Conductors and Yardmasters	50	55	5	10%	\$24.64
Control and Valve Installers and Repairers, Except Mechanical Door	39	43	4	10%	\$24.60
Service Unit Operators, Oil, Gas, and Mining	471	572	101	21%	\$24.57
Radiologic Technologists	89	82	-7	-8%	\$24.57
Railroad Brake, Signal, and Switch Operators	21	23	2	10%	\$24.37
Postal Service Mail Sorters, Processors, and Processing Machine Operators	13	13	0	0%	\$24.35
Riggers	37	48	11	30%	\$24.33
Detectives and Criminal Investigators	27	31	4	15%	\$24.28
Title Examiners, Abstractors, and Searchers	80	90	10	13%	\$24.23
Millwrights	15	23	8	53%	\$24.12
Production, Planning, and Expediting Clerks	149	168	19	13%	\$23.68
Claims Adjusters, Examiners, and Investigators	65	75	10	15%	\$23.64

Fastest Growing Occupations

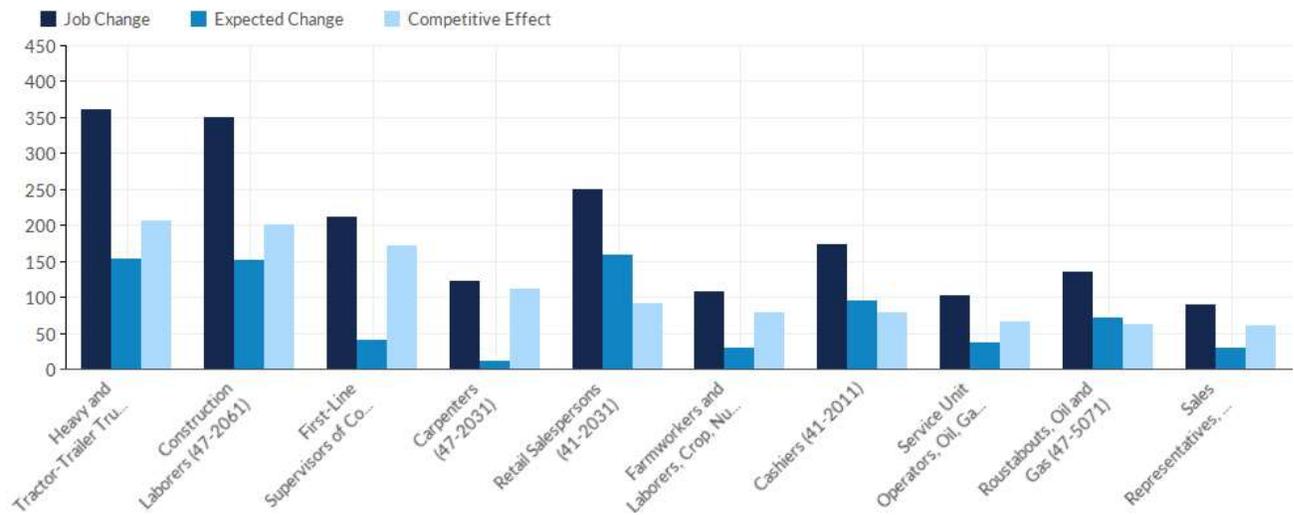


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Personal Care Aides	854	1,032	177	21%	\$8.86
Cashiers	2,143	2,317	174	8%	\$9.23
Janitors and Cleaners, Except Maids and Housekeeping Cleaners	1,163	1,324	161	14%	\$10.23
Roustabouts, Oil and Gas	645	780	134	21%	\$17.60
Nursing Assistants	1,193	1,324	131	11%	\$11.31
Carpenters	490	613	123	25%	\$14.41
Farmworkers and Laborers, Crop, Nursery, and Greenhouse	684	791	108	16%	\$13.43
Electricians	362	466	104	29%	\$20.91
Office Clerks, General	1,290	1,392	102	8%	\$12.26
Service Unit Operators, Oil, Gas, and Mining	471	572	102	22%	\$24.57
Home Health Aides	474	576	102	21%	\$9.22

Occupation	2017 Jobs	2027 Jobs	Change in Jobs (2017-2027)	% Change	2016 Median Hourly Earnings
Industrial Machinery Mechanics	329	429	100	30%	\$23.02
Combined Food Preparation and Serving Workers, Including Fast Food	1,439	1,539	99	7%	\$8.42
Laborers and Freight, Stock, and Material Movers, Hand	900	993	94	10%	\$11.54
Operating Engineers and Other Construction Equipment Operators	373	467	93	25%	\$19.73
Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	361	450	89	25%	\$25.70
Welders, Cutters, Solderers, and Brazers	749	831	81	11%	\$18.64
Customer Service Representatives	593	672	80	13%	\$13.01
Maintenance and Repair Workers, General	717	795	78	11%	\$15.94
Police and Sheriff's Patrol Officers	489	563	74	15%	\$19.61
First-Line Supervisors of Office and Administrative Support Workers	726	799	73	10%	\$21.23
Machinists	302	372	70	23%	\$17.92
Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	1,758	1,826	68	4%	\$14.08
Landscaping and Groundskeeping Workers	705	772	67	10%	\$9.26
Stock Clerks and Order Fillers	909	975	66	7%	\$10.49
First-Line Supervisors of Retail Sales Workers	864	928	64	7%	\$15.76
Plumbers, Pipefitters, and Steamfitters	391	455	64	16%	\$18.78
Petroleum Pump System Operators, Refinery Operators, and Gaugers	319	378	59	18%	\$34.55
Licensed Practical and Licensed Vocational Nurses	675	731	56	8%	\$17.79

Occupation	2017 Jobs	2027 Jobs	Change in Jobs (2017-2027)	% Change	2016 Median Hourly Earnings
Maids and Housekeeping Cleaners	767	818	51	7%	\$8.97
Rotary Drill Operators, Oil and Gas	162	211	49	31%	\$24.86
Light Truck or Delivery Services Drivers	500	547	48	10%	\$13.61
Bus and Truck Mechanics and Diesel Engine Specialists	242	289	47	19%	\$20.30
Emergency Medical Technicians and Paramedics	140	186	45	32%	\$17.63
Computer-Controlled Machine Tool Operators, Metal and Plastic	172	215	43	25%	\$20.88
First-Line Supervisors of Production and Operating Workers	472	510	38	8%	\$27.57
Cement Masons and Concrete Finishers	111	148	36	33%	\$14.03
Pharmacy Technicians	240	274	35	14%	\$12.93
Sales Representatives, Services, All Other	323	357	34	11%	\$16.46
Firefighters	196	229	33	17%	\$16.14
Dental Assistants	229	262	33	14%	\$15.04
Team Assemblers	402	434	32	8%	\$14.92
Cooks, Restaurant	498	529	31	6%	\$9.89
Derrick Operators, Oil and Gas	90	121	31	34%	\$20.63
Teacher Assistants	656	687	31	5%	\$8.93
Receptionists and Information Clerks	340	371	30	9%	\$12.34

Most Competitive Occupations

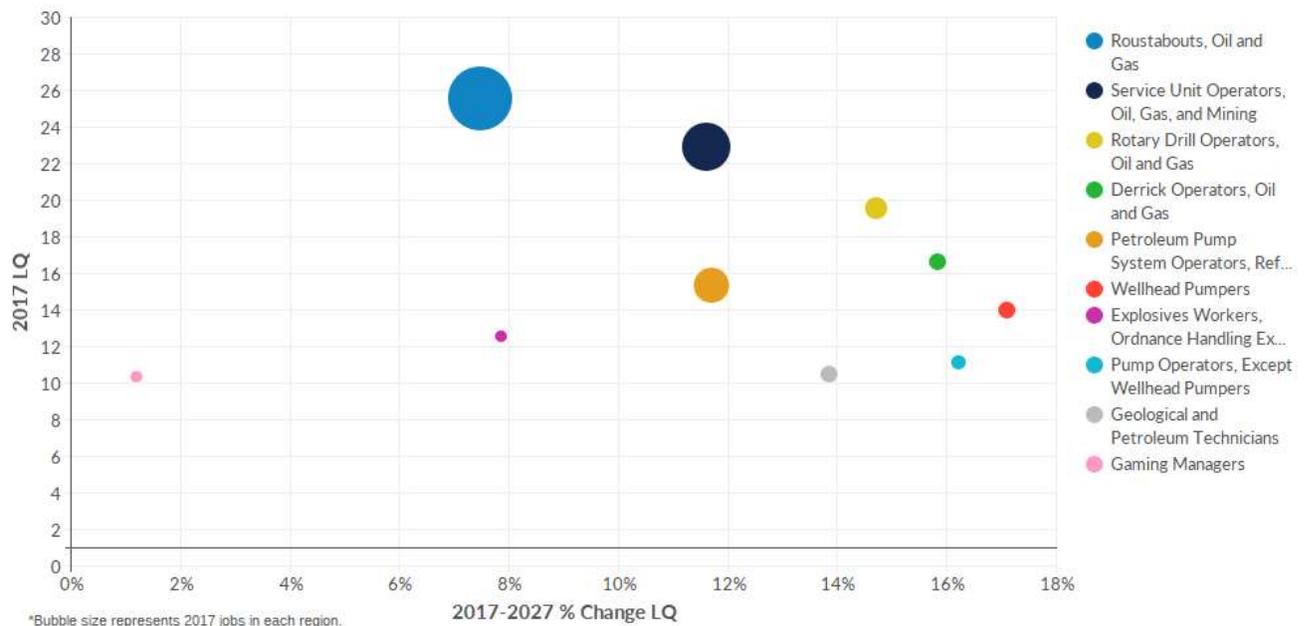


Occupation	Job Change	Occ Mix Effect	Nat Growth Effect	Expected Change	Competitive Effect
Heavy and Tractor-Trailer Truck Drivers	360	-20	174	154	207
Construction Laborers	350	48	103	151	200
First-Line Supervisors of Construction Trades and Extraction Workers	211	-29	69	40	171
Carpenters	123	-30	41	11	111
Retail Salespersons	249	5	154	159	91
Farmworkers and Laborers, Crop, Nursery, and Greenhouse	108	-28	57	29	78
Cashiers	174	-85	180	95	78
Service Unit Operators, Oil, Gas, and Mining	102	-3	40	37	66
Roustabouts, Oil and Gas	134	17	54	71	63
Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	89	-2	30	28	61
Electricians	104	14	30	44	60
Janitors and Cleaners, Except Maids and Housekeeping Cleaners	161	6	98	104	57
Operating Engineers and Other Construction Equipment	93	6	31	37	56

Occupation	Job Change	Occ Mix Effect	Nat Growth Effect	Expected Change	Competitive Effect
Operators					
Petroleum Pump System Operators, Refinery Operators, and Gaugers	59	-11	27	16	44
Industrial Machinery Mechanics	100	30	28	58	42
Police and Sheriff's Patrol Officers	74	-7	41	34	40
Machinists	70	5	25	30	39
Welders, Cutters, Solderers, and Brazers	81	-18	63	45	37
First-Line Supervisors of Production and Operating Workers	38	-33	40	7	32
Rotary Drill Operators, Oil and Gas	49	7	14	21	29
Farmers, Ranchers, and Other Agricultural Managers	-33	-115	58	-57	23
Cement Masons and Concrete Finishers	36	4	9	13	23
First-Line Supervisors of Retail Sales Workers	64	-31	73	42	22
Plumbers, Pipefitters, and Steamfitters	64	10	33	43	21
Firefighters	33	-3	17	14	19
Meat, Poultry, and Fish Cutters and Trimmers	23	-9	13	4	19
Inspectors, Testers, Sorters, Samplers, and Weighers	25	-6	12	6	19
Laborers and Freight, Stock, and Material Movers, Hand	94	-1	76	75	19
Structural Iron and Steel Workers	21	-1	3	2	19
Derrick Operators, Oil and Gas	31	5	8	13	18
Wellhead Pumpers	29	4	7	11	18
Social and Human Service Assistants	26	3	6	9	17
Team Assemblers	32	-19	34	15	17
Office Clerks, General	102	-24	108	84	17

Occupation	Job Change	Occ Mix Effect	Nat Growth Effect	Expected Change	Competitive Effect
First-Line Supervisors of Transportation and Material-Moving Machine and Vehicle Operators	28	-3	15	12	16
Emergency Medical Technicians and Paramedics	45	18	12	30	16
Computer-Controlled Machine Tool Operators, Metal and Plastic	43	14	14	28	15
Bus and Truck Mechanics and Diesel Engine Specialists	47	11	20	31	15
Mobile Heavy Equipment Mechanics, Except Engines	24	-2	10	8	15
Helpers--Extraction Workers	23	3	5	8	15
Painters, Construction and Maintenance	21	-16	23	7	14
Pump Operators, Except Wellhead Pumpers	19	-1	6	5	14
Maintenance and Repair Workers, General	78	4	60	64	14
Geological and Petroleum Technicians	23	3	7	10	14
Real Estate Sales Agents	10	-20	17	-3	14
Light Truck or Delivery Services Drivers	48	-8	42	34	14
Slaughterers and Meat Packers	22	-11	21	10	13
Recreation Workers	25	4	9	13	12
Shipping, Receiving, and Traffic Clerks	17	-10	15	5	12
Bookkeeping, Accounting, and Auditing Clerks	-25	-133	96	-37	12

Highest Occupation Location Quotient



Occupation	2017 Jobs	2027 Jobs	% Change	2017 LQ	2027 LQ	% Change LQ	2016 Median Hourly Earnings
Roustabouts, Oil and Gas	645	780	21%	25.54	27.45	7%	\$17.60
Service Unit Operators, Oil, Gas, and Mining	471	572	22%	22.92	25.58	12%	\$24.57
Rotary Drill Operators, Oil and Gas	162	211	31%	19.59	22.47	15%	\$24.86
Derrick Operators, Oil and Gas	90	121	34%	16.65	19.29	16%	\$20.63
Petroleum Pump System Operators, Refinery Operators, and Gaugers	319	378	18%	15.34	17.13	12%	\$34.55
Wellhead Pumpers	84	113	34%	13.97	16.36	17%	\$26.72
Explosives Workers, Ordnance Handling Ex...	41	47	14%	12.56	13.54	8%	\$19.93

Occupation	2017 Jobs	2027 Jobs	% Change	2017 LQ	2027 LQ	% Change LQ	2016 Median Hourly Earnings
Handling Experts, and Blasters							
Pump Operators, Except Wellhead Pumpers	74	93	26%	11.17	12.98	16%	\$21.30
Geological and Petroleum Technicians	80	104	29%	10.52	11.98	14%	\$30.72
Gaming Managers	23	25	8%	10.37	10.50	1%	\$22.68
Conveyor Operators and Tenders	142	150	6%	9.39	9.41	0%	\$15.30
Gas Compressor and Gas Pumping Station Operators	17	20	18%	8.68	10.02	15%	\$31.47
Gaming Surveillance Officers and Gaming Investigators	41	40	-2%	7.28	7.03	-3%	\$11.99
Boilermakers	59	67	14%	6.90	7.11	3%	\$19.79
Helpers--Extraction Workers	60	83	38%	6.74	8.11	20%	\$16.95
Gaming Cage Workers	63	71	13%	6.32	6.44	2%	\$9.94
Gaming Change Persons and Booth Cashiers	74	80	7%	6.23	6.52	5%	\$10.18
Slaughterers and Meat Packers	244	266	9%	5.96	6.19	4%	\$10.92
Extraction	13	18	39%	5.95	7.21	21%	\$21.98

Occupation	2017 Jobs	2027 Jobs	% Change	2017 LQ	2027 LQ	% Change LQ	2016 Median Hourly Earnings
Workers, All Other							
Gas Plant Operators	44	52	16%	5.26	5.96	13%	\$31.63
Aircraft Mechanics and Service Technicians	350	312	-11%	5.21	4.40	-16%	\$27.87
Highway Maintenance Workers	352	381	8%	4.79	4.86	1%	\$16.71
Earth Drillers, Except Oil and Gas	45	58	29%	4.40	4.98	13%	\$14.05
Paving, Surfacing, and Tamping Equipment Operators	106	124	17%	4.04	4.24	5%	\$16.92
Pile-Driver Operators	7	8	15%	3.84	3.92	2%	\$20.44
Agricultural and Food Science Technicians	47	48	2%	3.79	3.59	-5%	\$17.67
Chemical Equipment Operators and Tenders	138	139	1%	3.73	3.81	2%	\$20.64
Welders, Cutters, Solderers, and Brazers	749	831	11%	3.66	3.78	3%	\$18.64
Rock Splitters, Quarry	7	8	25%	3.63	4.19	15%	\$16.18
Electro-Mechanical Technicians	26	31	19%	3.62	4.14	15%	\$19.96
Automotive and Watercraft Service Attendants	202	218	8%	3.56	3.40	-5%	\$11.26

Occupation	2017 Jobs	2027 Jobs	% Change	2017 LQ	2027 LQ	% Change LQ	2016 Median Hourly Earnings
Pesticide Handlers, Sprayers, and Applicators, Vegetation	59	63	7%	3.48	3.39	-2%	\$12.10
Gaming Supervisors	41	47	15%	3.46	3.78	9%	\$14.18
Embalmers	6	6	-5%	3.45	3.36	-3%	\$16.86
Wind Turbine Service Technicians	13	27	107%	3.45	4.45	29%	\$22.55
Life, Physical, and Social Science Technicians, All Other	124	122	-2%	3.42	3.03	-11%	\$19.30
Helpers--Electricians	129	154	19%	3.38	3.45	2%	\$17.37
Community Health Workers	98	105	6%	3.37	3.08	-9%	\$10.34
Riggers	37	48	27%	3.33	3.93	18%	\$24.33
Farmworkers, Farm, Ranch, and Aquacultural Animals	156	159	2%	3.33	3.20	-4%	\$12.43
Farm Equipment Mechanics and Service Technicians	64	68	7%	3.31	3.19	-4%	\$21.58
Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	95	108	14%	3.30	3.31	0%	\$13.63
Maintenance Workers, Machinery	155	177	14%	3.27	3.35	3%	\$19.92
Morticians, Undertakers,	45	46	3%	3.26	3.13	-4%	\$20.26

Occupation	2017 Jobs	2027 Jobs	% Change	2017 LQ	2027 LQ	% Change LQ	2016 Median Hourly Earnings
and Funeral Directors							
Dietetic Technicians	55	57	5%	3.19	2.93	-8%	\$11.59
Agricultural Workers, All Other	21	22	6%	3.15	3.37	7%	\$22.42
Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	177	181	2%	2.98	2.94	-1%	\$15.80
Manufactured Building and Mobile Home Installers	5	5	-11%	2.93	3.23	10%	\$15.45
Farmers, Ranchers, and Other Agricultural Managers	694	661	-5%	2.88	2.95	2%	\$11.42
New Accounts Clerks	57	53	-7%	2.77	2.68	-3%	\$14.97

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