

ENERGY

YEARLY IMPACT (11-COUNTY AREA)

| IMPACT TYPE | EMPLOYMENT | TOTAL ECONOMIC IMPACT |
|-----------------|------------|-----------------------|
| Direct Effect | 24,675 | \$9,664,244,113 |
| Indirect Effect | 23,550 | \$2,923,827,704 |
| Induced Effect | 33,504 | \$2,410,608,093 |
| Total Effect | 81,729 | \$14,998,679,910 |

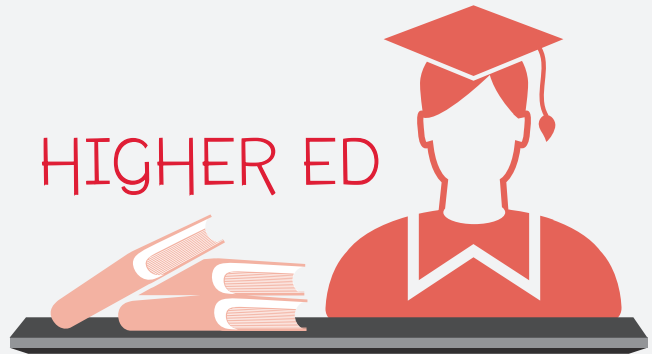
AVERAGE COMMUTE TIME:
21.2 MINUTES

U.S. CENSUS BUREAU

MAJOR CONTRIBUTIONS

- ↪ Each job in oil and gas contributes \$392,000 to gross product for the Tulsa 11-county area.
- ↪ One job in oil and gas supports one job in resource-supplying companies.
- ↪ Throughout the Tulsa-area economy, one job in oil and gas supports 2.3 additional jobs across all sectors.
- ↪ Each dollar of income by an employee in oil and gas supports the earning of an additional \$1.08 throughout the Tulsa area economy.
- ↪ Each dollar of production (value added) in Tulsa-area oil and gas supports additionally \$0.55 of gross product throughout the economy.
- ↪ One year's activity in Tulsa-area oil and gas supports total sales tax of \$361 million and total property tax of \$195 million.

HIGHER ED





METROPOLITAN STATISTICAL AREA (MSA) is a geographical region with a relatively high population density at its core and close economic ties throughout the area. A typical metropolitan area is centered on a single large city that wields substantial influence over the region.

TULSA WORK FORCE

AREA WORK FORCE
319,739 COUNTY; 480,343 MSA; 1,862,713 STATE

AREA UNEMPLOYMENT RATE
4.0% COUNTY; 4.3% MSA; 4.2% STATE

POPULATION (2015-16 ESTIMATE)
402,662 CITY; 633,152 COUNTY; 975,666 MSA

REGIONAL EMPLOYERS

ALLIANCE RESOURCE PARTNERS, LP
BAKER HUGHES
CIMAREX ENERGY CO.
HELMERICH & PAYNE, INC.
MAGELLAN MIDSTREAM PARTNERS, LP
MIDSTATES PETROLEUM COMPANY
MUIRFIELD RESOURCES COMPANY
NEWFIELD EXPLORATION MID-CONTINENT, INC.
NGL ENERGY PARTNERS
ONE GAS
ONEOK
PANTHER ENERGY II
PUBLIC SERVICE COMPANY OF OKLAHOMA
TIGER NATURAL GAS, INC.
UNIT CORP
WILLIAMS
WPX ENERGY

CAREER OPPORTUNITIES

| DESCRIPTION | AVG START WAGE | WAGE 10 YRS' EXPERIENCE | TYPICAL ENTRY LEVEL EDUCATION |
|---|----------------|-------------------------|-------------------------------|
| Accountants & Auditors | \$24.22 | \$36.70 | Bachelor's degree |
| Bookkeeping, Accounting & Auditing Clerks | \$14.34 | \$20.23 | Some College/Tech |
| Construction Laborers | \$11.08 | \$15.64 | Less than high school |
| Supervisors, Trades & Extraction Workers | \$25.22 | \$36.09 | Some College/Tech |
| General & Operations Managers | \$35.01 | \$49.88 | Bachelor's degree |
| Geological & Petroleum Technicians | \$23.59 | \$33.79 | Associate's degree |
| Heavy & Tractor-Trailer Truck Drivers | \$17.49 | \$24.25 | Some College/Tech |
| Industrial Machinery Mechanics | \$18.85 | \$26.71 | Some College/Tech |
| Office Clerks | \$12.72 | \$17.62 | HS Diploma or GED |
| Petroleum Engineers | \$47.99 | \$68.22 | Bachelor's degree |
| Refinery & Pump System Operators | \$19.28 | \$27.30 | Some College/Tech |
| Roustabouts | \$16.18 | \$23.68 | Some College/Tech |
| Service Unit Operators, Oil, Gas & Mining | \$21.62 | \$31.23 | Some College/Tech |
| Team Assemblers | \$15.49 | \$22.58 | HS Diploma or GED |
| Welders, Cutters, Solderers and Brazers | \$17.53 | \$24.57 | Some College/Tech |