

VETERANS *AND* ENERGY

OPPORTUNITIES IN THE OIL & NATURAL GAS INDUSTRY



Vets4Energy



A vast opportunity exists for the oil and natural gas industry to attract, retain, and develop lifelong careers for veterans in the industry. Over the next four years, the Department of Defense estimates that approximately one million service members will transition out of the military. In addition, the Department of Veterans Affairs reports that there are more than 12 million veterans under the age of 65 living in the U.S. These veterans and military service members are highly trained in a wide variety of occupational areas; **their extensive skills attained from their military training and experience make them ideal candidates to fill the projected 1.3 million job opportunities** available in the oil and natural gas industry.

VETERANS IN OIL & GAS

Over the last several years the number of veterans working in the oil and gas and petrochemical industries has been growing with **nearly 185,000 veterans employed in 2014**. These veterans are diverse, with **nearly 6,000 female veterans and more than 41,000 minority veterans filling positions in all sectors of the industry and across all regions of the country**. The West South Central, Middle Atlantic, and South Atlantic regions are especially prominent for veterans, with those three regions accounting for 60% of all veterans employed in the oil and gas industry. The oil & gas and petrochemical industries consistently employ larger shares of veterans than both the government and the private sector.

In 2014, veterans accounted for:

10.5%

of the oil & gas and
petrochemical industry
workforce

10.4%

of the government
workforce

6.5%

of the private
sector workforce

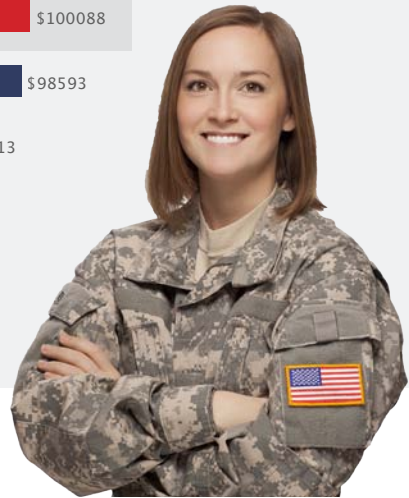
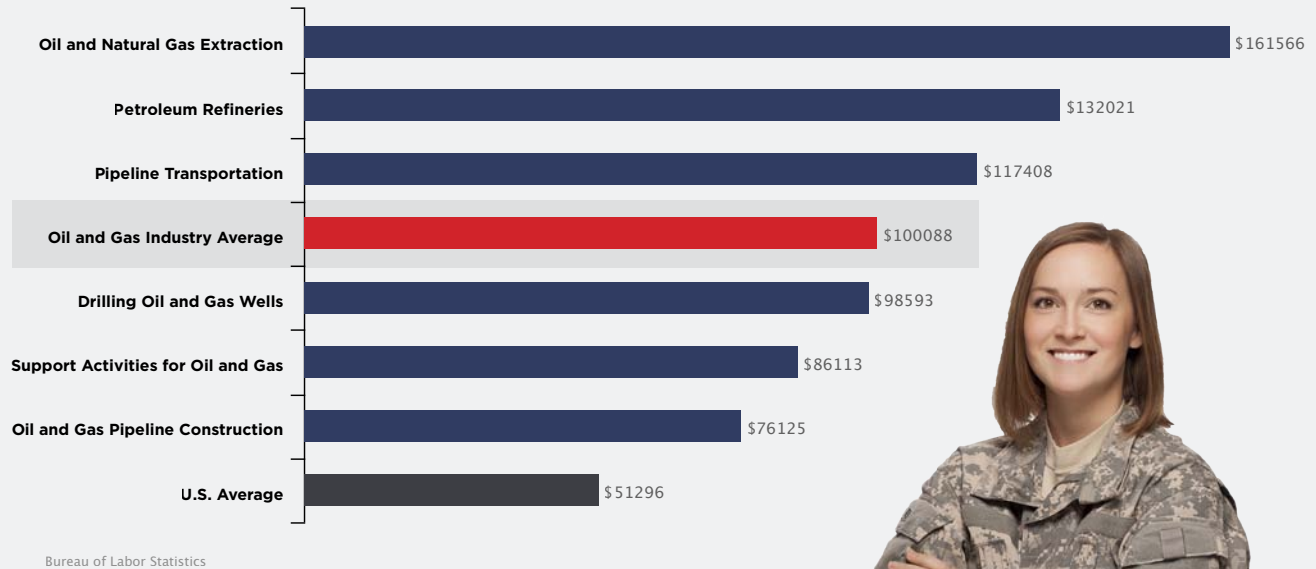
7%

Overall veterans accounted for 7%
of total employment in the U.S.

BENEFITS

Jobs in the oil and natural gas industry offer good benefits, high pay, and the opportunity to make a difference. Based on 2014 average annual wage data from the Bureau of Labor Statistics, **the average pay in the oil and gas industry is nearly \$50,000 higher than the U.S. average.**

AVERAGE ANNUAL WAGE - 2014



CONNECTING MILITARY TRAINING TO OIL & GAS JOBS

Workforce training is critical to the projected industry growth that will keep the nation at a competitive advantage and provide the energy the nation depends on. Veterans come to the civilian workforce with extensive technical and nontechnical skills gained through military experience and training; many of these skills have direct applicability to the oil and gas industry, making it an ideal industry for transitioning service members and veterans.

A key element in achieving a growing level of veterans to fill oil and gas industry jobs is to relate those skills that they have developed to the skills needed in industry. The challenge of translating military skills to civilian occupations can be daunting for both veterans and hiring managers. This is why the American Petroleum Institute has **developed the *Veterans Energy Pipeline*, an online tool for veterans and civilians that highlights the links between military occupations and top oil and gas jobs.** The tool also shows where there may be gaps in needed skills; it is vital to connect veterans with ways to supplement their skills with additional education and training that may be required for available positions.

Access the tool by visiting www.veteransenergypipeline.com.



VETERANS ENERGY PIPELINE

A vast opportunity exists for the oil and natural gas industry to attract, retain, and develop lifelong careers for veterans in the industry. Veterans come to the civilian workforce with extensive technical and nontechnical skills gained through military experience and training. Many of these skills have direct applicability to the oil and gas industry, making them ideal candidates to fill the projected **1.3 million job opportunities available in the oil and natural gas industry.**

Translating military training and experience to civilian jobs can be difficult for both veterans exploring career options and for civilian employers. **The Veterans Energy Pipeline tool has been designed to help military trained applicants and civilian employers understand how military training and experience relate to the top civilian jobs in the oil and natural gas industry.**

To access the tool, visit www.veteransenergypipeline.com.

The screenshot shows the 'Veterans Energy Pipeline' website. At the top, there's a navigation bar with 'Vets4Energy', the title 'Veterans Energy Pipeline', and a 'Home' button. Below this is a link '<< Return to previous page'. The main heading is 'Civilian and Military Job Task Comparison'. The interface is split into two columns. The left column is titled 'Construction Managers' and describes their role: 'Plan, direct, or coordinate, usually through subordinate supervisory personnel, activities concerned with the construction and maintenance of structures, facilities, and systems. Participate in the conceptual development of a construction project and oversee its organization, scheduling, budgeting, and implementation. Includes managers in specialized construction fields, such as carpentry or plumbing.' Below this is a link 'Learn more about this job >' with a note '(external link: MyNextMove)'. The right column is titled '12A - Engineer' and describes their role: 'Provide general engineer expertise to Army activities. The majority of these positions will be at DA, DoD, Joint Staff, MACOMs, or Field Activities.' In the center, between the two columns, is a vertical line with 'VS.' at the top and a double-headed arrow pointing up and down.

Job Task Comparison

Resources for finding jobs like this
What's a Job Task Comparison?

● - Related; ◐ - Somewhat Related

Construction Managers Detailed Work Activities	Officer
Analyze data to determine project feasibility.	●
Analyze forecasting data to improve business decisions.	●
Communicate organizational information to customers or other stakeholders.	●
Communicate organizational policies and procedures.	●
Determine operational compliance with regulations or standards.	●
Develop environmental remediation or protection plans.	◐
Develop operating strategies, plans, or procedures.	◐
Develop procedures to evaluate organizational activities.	●
Develop sustainable organizational policies or practices.	◐
Direct facility maintenance or repair activities.	●
Estimate green project costs.	
Estimate labor requirements.	●
Evaluate green operations or programs for compliance with standards or regulations.	●
Implement organizational process or policy changes.	◐
Investigate industrial or transportation accidents.	◐
Manage construction activities.	●
Model operational processes.	◐
Negotiate project specifications.	●
Prepare financial documents, reports, or budgets.	●



VETERANS AND ENERGY
OPPORTUNITIES IN THE OIL & NATURAL GAS INDUSTRY

THE LABOR POOL

- Over the next four years, approximately **one million** service members will transition out of the military.
- There are more than **12 million** veterans under the age of 65 living in the U.S.

TRANSLATING SKILLS

The Veterans Energy Pipeline is designed for both veterans and civilians to highlight the links between military occupations and top oil and gas jobs; the tool will provide a Job Task Comparison that identifies overlap between specific military occupations and oil and gas industry jobs.

- » Search by military occupation to find jobs in the oil and gas industry that best match the duties performed in that particular military occupation,
- » Select from among the top jobs in the oil and gas industry to find military occupations that have duties related to the selected industry job.

For jobs/military occupations that only partially match, the tool shows the work activities that may be lacking so individuals can determine where additional training may be needed.

FOR VETERANS

Veterans and service members can find additional information about the oil and gas industry, the outlook for job opportunities, an overview of veterans already in the industry, and employment tools and resources.

Vets4Energy

Veterans Energy Pipeline

Home

About Energy Careers

Overview

Industry Highlights

Job Demand and Pay

Veterans in Industry

Employment Resources

Overview

Demand for jobs in the oil and gas industry is expected to grow in the next two decades. Job opportunities in the industry include a wide range of occupations from managerial and professional occupations to skilled blue collar workers in construction, maintenance, transportation and more. On these pages, learn about the types of jobs in the oil and natural gas industry, which occupations expect the most growth in the future, how veterans' skills match up with the industry, and where to find resources to help you find employment.



Industry Highlights

The oil and natural gas industry is a rapidly growing industry with careers that span many fields and levels. In this section, you can learn more about the industry structure, top jobs, and career paths.



Job Demand and Pay

This section contains more information on the number and location of jobs in the oil and gas industry, where typical salary information can be found, and where future job growth is expected.



Veterans in Industry

The oil and natural gas industry can be a natural fit for veterans looking to pursue meaningful civilian careers by applying the skills developed during military service. This section discusses the technical and operational skills particularly valued by the industry.



Employment Resources

Veterans who are interested in employment opportunities in the oil and natural gas industry can find in this section information about some of the key resources offered by the industry and by government agencies.

FOR HIRING MANAGERS

Civilian employers can learn more about the organization of the military workforce, how it categorizes military occupations, and the types of skill sets one can assume based on training and experience gained as part of military service. There is also information on the potential labor pool of veteran workers with data on transitioning service members. This information will help civilian employers better understand the qualifications and experience of veteran applicants.

Overview



More than one million military service members are expected to transition out of the military over the next four years and most will seek civilian employment. More than 8.4 million military veterans are under the age of 60, which makes them candidates for civilian jobs.

These men and women have devoted years to serving our country and will face a challenge finding jobs in the civilian workforce that align well with their military training and experience.

There is great opportunity for veterans to find fulfilling careers in the oil and natural gas industry, and as the industry hires more veterans it will continue to benefit from the extensive skills and experience these individuals have gained through military service.



Military Workforce Structure

A big part of understanding the military lies in understanding how it is structured. In this section, learn more about personnel categories (including ranks and paygrades), occupational classifications, and the components of military service for all branches.



Military Training and Education

Members of the military receive extensive, high quality training throughout their military careers. They also have numerous opportunities to attain additional formal education. Learn here about the facets of military training and education and about how military training and experience are documented.



Potential Labor Pool

America's military is a diverse force: thousands of people across four branches with a wide variety of ages, ethnicities, and skills. In this section, learn more about these demographics and how these characteristics can benefit the oil and gas industry.



Hiring Veterans

Veterans are routinely cited as valuable team members and influential leaders. In this section, learn about how to find qualified veterans, and what government programs are helping prepare them for a new job when they leave the military.