

Minority and Female Employment: Regional Forecasts for the Oil & Gas and Petrochemical Industries

MIDDLE ATLANTIC

Prepared for the American Petroleum Institute, API

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This report projects direct job opportunities in the oil & natural gas and petrochemical industries through 2030 across the nine U.S. Census regions. It is a supplement to the recently released IHS report on minority and female employment in these industries.

KEY FINDINGS

- **The Middle Atlantic region** is projected to have more than **135,000 direct job opportunities** through 2030.
- Blue collar occupations, including skilled and semi-skilled, are projected to make up **69% of employment opportunities** in the region.
- The job opportunities in the Middle Atlantic region are spread across all industry segments, with the upstream sector accounting for the **most opportunities** at almost **92,000 jobs**.
- The share of minority employment in the Middle Atlantic region is **projected to grow** through 2030.



135,265

Projected Job Opportunities

by 2030 in the oil and natural gas and petrochemicals industries in the Middle Atlantic region.



Job Opportunities by Occupation

The study looks at employment in eight broad occupation categories. The pie chart at right shows how the job opportunities in the Middle Atlantic region are split between these occupation categories.

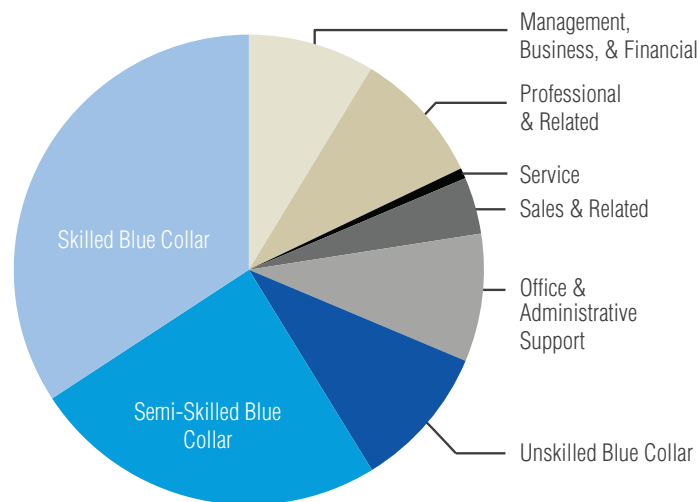
These results show:

- Blue collar occupations, most of which will be skilled and semi-skilled, are projected to make up **69% of employment opportunities** in the region. This suggests tremendous opportunity for workers with a high-school diploma and some post-secondary training.
- There are also significant opportunities in management and professional jobs, which account for close to **20% of the job opportunities** projected in the region. These jobs require training in fields such as engineering, geoscience, management, business and finance, and as technicians.

Job Opportunities by Segment

Significant activity in the oil & natural gas and petrochemical industries is already occurring in the Middle Atlantic region, which includes a large portion of the Marcellus Shale. This activity is expected to continue, with about **40% of the total employment opportunities** in the region projected to be new jobs created under a baseline forecast of the growth of the industry.

The upstream sector accounts for the largest share of job opportunities projected in the Middle Atlantic region—nearly **92,000 jobs**, or **68% of total job opportunities** in the region. There are also significant opportunities projected in the downstream sector, with nearly **20,000 job opportunities** over the period.



Job Opportunities for Minority and Female Workers

There are significant opportunities for minority and female workers in the oil & gas and petrochemical industries—these groups represent a critically vital and available talent pool to help meet the demands of the projected growth and expansion.

The job estimates presented in this report for African American, Hispanic, and female workers are based on current and projected trends in factors such as labor force participation rates and educational attainment. As such, these **job projections should not be viewed as a ceiling**. As interest and training are directed to women and minority groups, they will be competitive for the more than **135,000 job opportunities** in this region.