

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

EAST SOUTH CENTRAL

Prepared for the American Petroleum Institute, API

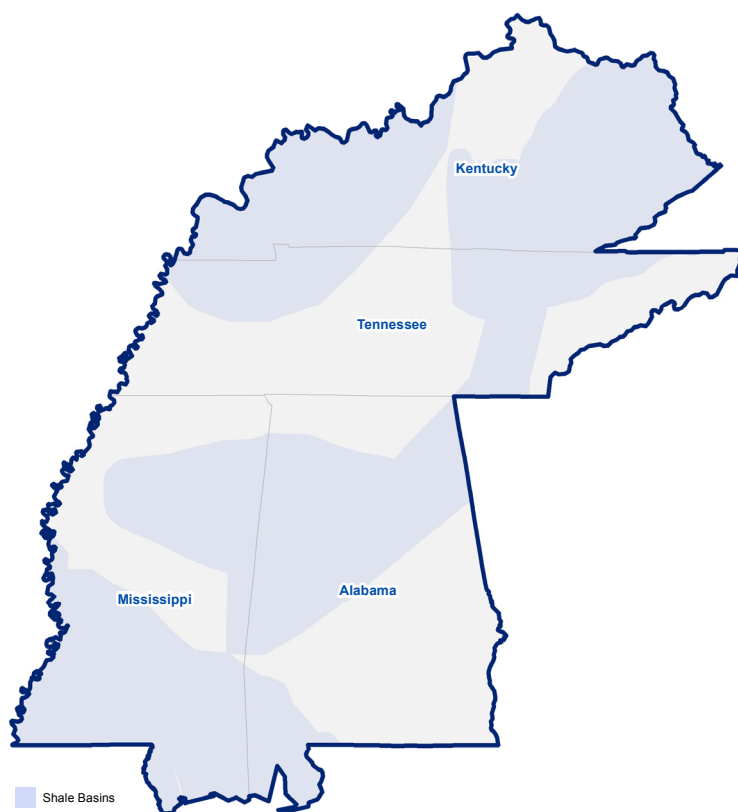
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This report projects direct job opportunities in the oil & natural gas and petrochemical industries through 2030 across the nine U.S. Census regions. It is a supplement to the recently released IHS report on minority and female employment in these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

KEY FINDINGS

- **The East South Central region** is projected to have more than **80,000 direct job opportunities** through 2030.
- Blue collar occupations, including skilled and semi-skilled, are projected to make up **56% of employment opportunities** in the region.
- Across all regions, East South Central is projected to account for the **highest shares** of job opportunities in both the **midstream and downstream sectors**.
- The share of minority employment in the East South Central region is **projected to grow** through 2030.



80,259

Projected Job Opportunities

by 2030 in the oil and natural gas and petrochemicals industries in the East South Central 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 East South Central region are split between these occupation categories.

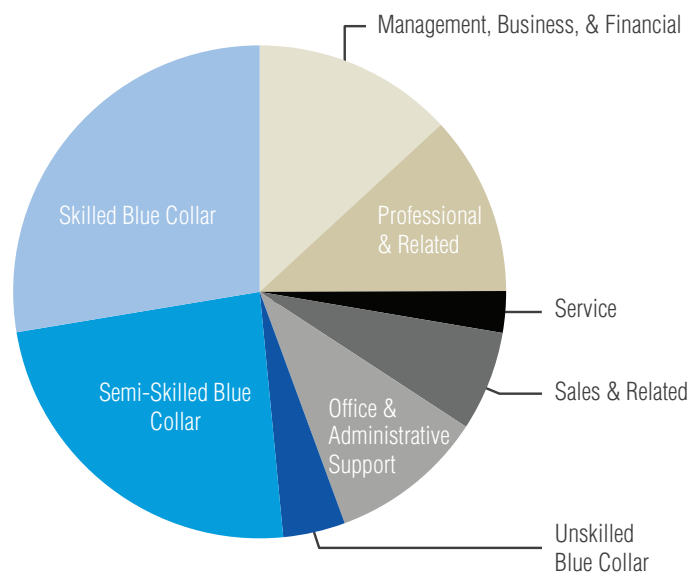
These results show:

- Blue collar occupations, most of which will be skilled and semi-skilled, are projected to make up **56% of employment opportunities** in the region. This suggests significant opportunity for workers with a high-school diploma and some post-secondary training.
- There are also significant opportunities in management and professional jobs, which make up **25% of the job opportunities** projected in the East South Central region. These jobs require training in fields such as engineering, geoscience, management, business and finance, and as technicians.

Job Opportunities by Segment

The East South Central region has more projected job opportunities in the midstream and downstream sectors than any other region—**39% of all midstream opportunities and 23% of all downstream opportunities** across the U.S. are projected to be in this region. Within East South Central, the petrochemical industry is also significant; job opportunities in this industry are projected to account for 30% of employment opportunities in the region.

In the East South Central region, almost **78,000 job opportunities** are projected to be created due to replacement requirements—the need to replace workers who retire or otherwise leave the industries. The East South Central region ranks second in number of employment opportunities in this segment, making up **13% of all U.S. job opportunities** created due to replacement requirements.



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 existence of significant job opportunities can stimulate people to move to where the jobs are; interregional migration estimates show that the East South Central region will see a **net inflow of both the Hispanic and African American populations** over the period 2010-2030.

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 **80,000 job opportunities** in this region.