

Oil and Natural Gas Stimulate Vermont Economic and Job Growth



Oil and natural gas are driving the U.S. economy through a major energy boom and that boom is rippling through the economy of Vermont, supporting business activity across the state. This finding grows out of a new American Petroleum Institute survey of domestic oil and natural gas vendors,¹ which offers a glimpse into the job and business creation engine that is the current oil and natural gas industry. The survey shows that at least seven businesses, located across Vermont's single congressional district, are part of the larger oil and natural gas supply chain.

The survey's snapshot of state-by-state activity reinforces the impressive level of industry success throughout the country that is documented in a recent PriceWaterhouseCoopers study conducted for the American Petroleum Institute.² That study found that the oil and natural gas industry in Vermont supports some 14,600 jobs, which is 3.6 percent of the state's total employment. The amount of Vermont labor income supported by the oil and natural gas industry comes to \$567 million annually. That's 3.1 percent of the state's total labor income.

Although Vermont is not a top energy producer these job and labor income figures demonstrate that the people of

Vermont enjoy significant benefits from energy development.³ The benefits show up in the state's salary statistics as well. Thus, while the average annual salary in Vermont across all industries and sectors is \$41,236, the average oil and gas industry salary (excluding gas stations) is higher—\$49,406 annually. Overall the industry supports \$1 billion of the Vermont economy. That's 3.6 percent of the state's total economic activity.

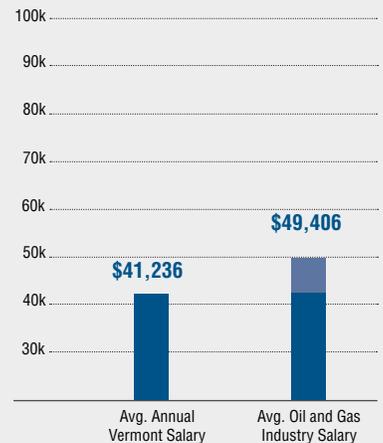
Vermont also benefits from the production of oil and natural gas from shales and so-called "tight formations," energy development that uses the proven engineering technologies of hydraulic fracturing, or "fracking," and horizontal

\$1 BILLION
THE INDUSTRY CONTRIBUTES
TO VERMONT'S ECONOMY

14,600
VERMONT JOBS
SUPPORTED BY OIL AND
NATURAL GAS INDUSTRY

1. American Petroleum Institute, "API Onshore Oil and Gas Vendor Identification Survey," Washington, D.C., 2014. The survey was distributed to API members in January 2014 to collect information for the period October 2012 to September 2013. Included are companies that provide goods and services for onshore oil and natural gas development, whether as operators, contractors, service companies, suppliers, or vendors.
2. PriceWaterhouseCoopers, "Economic Impacts of the Oil and Natural Gas Industry on the U.S. Economy in 2011," Washington, D.C., July 2013. Prepared for API using the IMPLAN input-output modeling system, based on 2011 U.S. Bureau of Economic Analysis data.
3. Information cited in this paragraph comes from the Bureau of Labor Statistics, Quarterly Census of Employment and Wages (preliminary data for 2013 accessed July 2014); and PriceWaterhouseCoopers, "The Economic Impacts of the Oil and Natural Gas Industry on the U.S. Economy: Employment, Labor Income and Value Added," 7/12/13 (based on 2012 IMPLAN database).

AVERAGE ANNUAL SALARY COMPARISON



State: Vermont

Vendors by Congressional District

Congressional District	Total
Congressional District (At Large)	7
Grand Total	7

2,583

VERMONT JOBS BY 2035

FROM HYDRAULIC FRACTURING
AND HORIZONTAL DRILLING

77%

OF AMERICANS SUPPORT
INCREASED PRODUCTION OF OIL
AND NATURAL GAS IN THE U.S.

Vermont Vendors by Congressional District

District Location ●



Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), and the GIS User Community

drilling. Total jobs supported by these activities in Vermont reached 1,458 in 2012. The job total is projected to climb to 2,456 in 2020 and to 2,583 in 2035.⁴

And Americans, including the people of Vermont, get it. A telephone poll of 1,012

registered voters across the country, conducted on behalf of the American Petroleum Institute, found that 77 percent of Americans, regardless of party affiliation, support increased production of oil and natural gas resources located in the United States.⁵

4. IHS Inc., "America's New Energy Future: The Unconventional Oil and Gas Revolution and the U.S. Economy," Washington, D.C., December 2012.
5. "What America is Thinking on Energy Issues." <http://www.api.org/news-and-media/news/newsitems/2014/july-2014/voters-say-us-should-do-more-to-develop-oil-natural-gas> the results of a national poll conducted by Harris for API July 10-13, 2014. Click on "national poll" to see how percentages of voters answered this and other questions.



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Congressional District (at Large)

Casella Waste Systems, Inc

Hakes C&D Landfill

Iron Horse Insurance Co

Mairi Jane Fox

New England Research, Inc

Sooner Insurance Co

Total Temperature

Instrumentation, Inc