

Oil and Natural Gas Stimulate





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 Nebraska, supporting business activity across the state. This finding grows out of a new American Petroleum Institute survey of domestic oil and natural gas vendors, 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 37 businesses, spread across all three of Nebraska's congressional districts, support 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 PriceWaterhouseCooper study conducted for the American Petroleum Institute.² That study found that the oil and natural gas industry in Nebraska supports a total of 47,200 jobs, which is 3.8 percent of the state's total employment. The full Nebraska labor income supported by the oil and natural gas industry totals \$2.69 billion annually. That's 4.7 percent of the state's total labor income.

Although Nebraska is not a top U.S. energy producer, these job and labor income figures demonstrate that the people of Nebraska enjoy significant benefits from

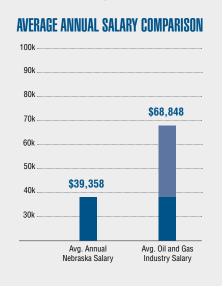
energy development.³ The benefits show up in the state's salary statistics as well. Thus, while the average annual salary in Nebraska across all industries and sectors is \$39,358, the average oil and gas industry salary (excluding gas stations) is very substantially higher - \$68,848 annually. Overall the industry supports \$4.7 billion of the Nebraska economy. That's 5.4 percent of Nebraska's total economic activity.

Nebraska 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 drilling. Total jobs supported by these

\$4.7 BILLION THE INDUSTRY CONTRIBUTES TO NEBRASKA'S ECONOMY

47,200 NEBRASKA 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.} PriceWaterhouseCooper, "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).

State: Nebraska

Vendors by Congressional District

Congressional District	Total
Congressional District 1	8
Congressional District 2	18
Congressional District 3	11
Grand Total	37

11,287
NEBRASKA JOBS BY 2035
FROM HYDRAULIC FRACTURING

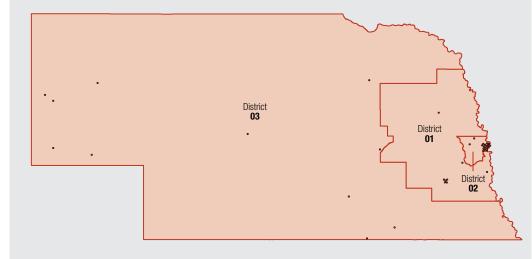
AND HORIZONTAL DRILLING

77%

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

Nebraska Vendors by Congressional District

District Location



Top Cities

Omaha = 16

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

activities in Nebraska reached 6,261 in 2012. The job total is projected to climb to 10,483 in 2020 and to 11,287 in 2035.

And Americans, including the people of Nebraska, 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

Vendor Profile⁶

Teledyne Isco

Teledyne Isco, based in the Lincoln, Nebraska, area, manufactures high-pressure/high-performance syringe pumps for core analysis and pressure-volume-temperature (PVT) studies. Syringe pumps are increasingly used for laboratory support of oil production and research, and for development for enhanced oil recovery and hydraulic fracturing.

- IHS Inc., "America's New Energy Future: The Unconventional Oil and Gas Revolution and the U.S. Economy," Washington, D.C., December 2012.
- "What America is Thinking on Energy Issues." http://www.api.org/news-and-media/news/newsitems/2014/july-2014/voters-sayus-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..



AMERICAN PETROLEUM INSTITUTE

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NEBRASKA - VENDOR LIST

Congressional District 1

Doing Better Inspections, Inc Duncan Aviation, Inc Linoma Software Olsson Associates Pivotal Guidance, Inc Smeal Fire Apparatus Co Teledyne Isco, Inc University of Nebraska

Congressional District 2

AT&T Teleconference Service
Brady Land Company LLP
Eric J. Haug
Harland Technology Services
HDR Engineering, Inc
Heat Waves Hot Oil Service, LLC
Intersystems Internation, Inc
Jet Cattle, LLC

Magnolia Metal Corporation
Market Sphere Consulting, LLC
Mcardle Grading Co
National Equity, Inc
Omaha Steel Castings
Precision Industries, Inc
Prodata Computer Services, Inc
Scantron Corporation
Union Pacific Railroad

US Army Engineer District Omaha

Congressional District 3

Adams Trucking, Inc Blackburn Manufacturing Co, Inc Castronics, Inc Device Disposal & Consulting Goodwell, Inc JCM Consulting Services, Inc Metalquest Unlimited, Inc Strobel Starostka Construction Teresa M. Sullivan, CPA Westco Western Pathology Consultants,