



Industries at a Glance

Oil and Gas Extraction: NAICS 211

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About the Oil and Gas Extraction subsector

The oil and gas extraction subsector is part of the [mining, quarrying, and oil and gas extraction](#) sector.

Industries in the Oil and Gas Extraction subsector operate and/or develop oil and gas field properties. Such activities may include exploration for crude petroleum and natural gas; drilling, completing, and equipping wells; operating separators, emulsion breakers, desilting equipment, and field gathering lines for crude petroleum and natural gas; and all other activities in the preparation of oil and gas up to the point of shipment from the producing property. This subsector includes the production of crude petroleum, the mining and extraction of oil from oil shale and oil sands, and the production of natural gas, sulfur recovery from natural gas, and recovery of hydrocarbon liquids.

North American Industry Classification System

The oil and gas extraction subsector consists of a single industry group, Oil and Gas Extraction: NAICS 2111.

Workforce Statistics

This section provides information relating to employment in oil and gas extraction. These data are obtained from employer or establishment surveys. The following tables present an overview of the industry including the number of jobs, mass layoffs, data for occupations common to the industry, and projections of occupational employment change.




Employment and Layoffs

Data series	Back data	Mar. 2010	Apr. 2010	May 2010	Jun. 2010
Employment (in thousands)					
Employment, all employees (seasonally adjusted)		163.0	164.1	(P) 165.8	(P) 164.2
Employment, production and nonsupervisory employees		90.9	90.1	(P) 93.8	
Layoffs					
Mass layoff events		-	-	-	
Initial claimants for unemployment benefits		-	-	-	

Data series	Back data	Mar. 2010	Apr. 2010	May 2010	Jun. 2010
Footnotes (P) Preliminary					

(Source: [Current Employment Statistics](#), [Mass Layoff Statistics](#))

Extended Mass Layoffs

Data series	Back data	2nd quarter 2009	3rd quarter 2009	4th quarter 2009	1st quarter 2010
Extended mass layoff events		(1)	(1)	(P)	(P)
Separations		(1)	(1)	(P)	(P)
Initial claimants		(1)	(1)	(P)	(P)
Footnotes (1) Data do not meet BLS or state agency disclosure standards. (P) Preliminary					

(Source: [Mass Layoff Statistics](#))

Employment by Occupation

Data series	Employment, 2009
Geoscientists, except hydrologists and geographers	6,500
Petroleum engineers	10,580
Petroleum pump system operators, refinery operators, and gaugers	8,720
Roustabouts, oil and gas	11,160
Wellhead pumpers	7,750

(Source: [Occupational Employment Statistics](#))

Projections



For projected (future) employment estimates, see the [National Employment Matrix](#), which includes employment estimates by industry and occupation for oil and gas extraction.

(Source: [Office of Occupational Statistics and Employment Projections](#))

Earnings and Hours

This section presents data on employee earnings and weekly hours. The latest industry averages of hourly earnings and weekly hours are shown. In addition, recent hourly and annual earnings are shown for occupations commonly found in oil and gas extraction.



Earnings and Hours of All Employees

Data series	Back data	Feb. 2010	Mar. 2010	Apr. 2010	May 2010
Average hourly earnings		\$35.82	\$36.03	\$35.19	(P) \$36.01
Average weekly hours		39.6	38.7	40.5	(P) 42.0

Data series	Back data	Feb. 2010	Mar. 2010	Apr. 2010	May 2010
Footnotes (P) Preliminary					

(Source: [Current Employment Statistics](#))

Earnings and Hours of Production and Nonsupervisory Employees

Data series	Back data	Feb. 2010	Mar. 2010	Apr. 2010	May 2010
Average hourly earnings		\$27.47	\$27.38	\$27.18	(P) \$27.61
Average weekly hours		38.5	37.3	38.5	(P) 40.7
Footnotes (P) Preliminary					

(Source: [Current Employment Statistics](#))

Earnings by Occupation

Data series	Wages, 2009			
	Hourly		Annual	
	Median	Mean	Median	Mean
Geoscientists, except hydrologists and geographers	\$65.11	\$65.52	\$135,430	\$136,270
Petroleum engineers	\$56.85	\$60.62	\$118,250	\$126,090
Petroleum pump system operators, refinery operators, and gaugers	\$27.57	\$27.78	\$57,350	\$57,780
Roustabouts, oil and gas	\$15.58	\$17.50	\$32,410	\$36,400
Wellhead pumpers	\$19.08	\$19.98	\$39,690	\$41,550

(Source: [Occupational Employment Statistics](#))

Work-related Fatalities, Injuries, and Illnesses


This section presents data for the industry on the number of workplace fatalities and the rates of workplace injuries and illnesses per 100 full-time workers in oil and gas extraction. An injury or illness is considered to be work-related if an event or exposure in the work environment either caused or contributed to the resulting condition or significantly aggravated a pre-existing condition.

Data series	2005	2006	2007	2008
Fatalities				
Number of fatalities	17	22	15	21
Rate of injury and illness cases per 100 full-time workers				
Total recordable cases	2.1	2.0	1.7	1.4
Cases involving days away from work, job restriction, or transfer	1.2	0.9	1.2	0.7
Cases involving days away from work	0.9	0.5	1.0	0.4
Cases involving days of job transfer or restriction	0.3	0.4	0.2	0.4

(Source: [Injuries, Illnesses, and Fatalities](#))

Prices

This section provides industry-specific pricing information. The producer price index measures the percentage change in prices that domestic producers receive for goods and services. The prices included in the producer price index are from the first commercial transaction.



Data series	Back data	Feb. 2010	Mar. 2010	Apr. 2010	May 2010
Producer price index		(P) 261.6	(P) 258.2	(P) 245.6	(P) 230.3
Percent change from previous month		(P) -3.7%	(P) -1.3%	(P) -4.9%	(P) -6.2%
Footnotes (P) Preliminary					

(Source: [Producer Price Indexes](#))

Workplace Trends









This section presents data on the number of establishments in oil and gas extraction. Also included in this section is information on productivity, presented as the rate of change in output per hour of workers in the industry.

Establishments

Data series	Back data	1st quarter 2009	2nd quarter 2009	3rd quarter 2009	4th quarter 2009
Number of establishments					
Private industry		(P) 8,956	(P) 8,941	(P) 8,939	(P) 9,002
Local government		(P) 2	(P) 2	(P) 2	(P) 2
Footnotes (P) Preliminary					

(Source: [Quarterly Census of Employment and Wages](#))

Productivity

Data series	Back data	2005	2006	2007	2008
Labor productivity index, output per hour		86.649	80.928	78.655	71.597
Percent change from previous year		-3.7	-6.6	-2.8	-9.0
Labor index, total labor hours		107.069	115.363	120.571	134.504
Percent change from previous year		-0.2	7.7	4.5	11.6
Output index		92.774	93.361	94.835	96.300
Percent change from previous year		-3.8	0.6	1.6	1.5
Unit labor costs index		143.644	171.609	185.415	214.912
Percent change from previous year		17.9	19.5	8.0	15.9

(Source: [Productivity and Costs](#))

Other BLS Resources

Career Guide to Industries

To learn about careers from an industry perspective, see the

[Career Guide to Industries](#).

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