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# Benefits and Opportunities of Natural Gas Use, Transportation, and Production



## Delaware

### Economic Impacts of Natural Gas

There were 7,985 jobs in Delaware related to natural gas. These jobs represented 1.8 percent of total state jobs. The top three sectors with the greatest number of jobs were natural gas distribution, industrial equipment and machinery repair and maintenance, and NGL retail. The contribution to the Delaware economy in terms of direct, indirect, and induced value added in 2015 was \$1.02 billion, of which \$0.57 billion was related to the end use segment, \$0.37 billion was from the infrastructure segment, and \$0.09 billion was from the production segment.

### Natural Gas Consumers

In 2015, Delaware consumed 101 Bcf of natural gas in all sectors. There were a total of 175,000 customers. The value of natural gas delivered to consumers was \$0.50 billion.

Delaware has 161,600 residential customers who consumed 11 Bcf in 2015. Average consumption was 70 Mcf per household. Residential demand was 72 percent for space heating, 20 percent for water heating, 3 percent for cooking, and 5 percent for other uses.

Delaware has 13,400 commercial customers who consumed 12 Bcf in 2015. Average consumption per commercial customer was 873 Mcf. Commercial demand was 42 percent for space heating, 26 percent for water heating, 11 percent for cooking, and 21 percent for other uses.

There are 144 industrial customers in Delaware who consumed 33 Bcf in 2015. Average consumption per industrial customer was 230 MMcf. The top industries for gas consumption were Chemicals (NAICS Code 325), Food (311), Petroleum and Coal Products (324), Plastics and Rubber Products (326), and Agriculture (11), representing 87 percent of industrial demand.

Delaware has 10 power plants consuming natural gas. In 2015, gas consumption was 45 Bcf, representing 86 percent of power generation in the state. Average consumption per customer was 4,473 MMcf.

### Natural Gas Infrastructure

Delaware has no oil and gas wells or production and all natural gas consumed comes from other states. The state has 336 miles of gas pipelines, and 40 miles of product pipelines. There were 3,105 miles of gas distribution mains and 2,178 miles of service lines.

## Exhibit 7-9: Delaware State Factsheet

Delaware			Employment (# of Workers)			Labor Income (\$ million)			Value Added (\$ million)		
Summary	Segment	Category	Direct & Indirect	Induced	Total	Direct & Indirect	Induced	Total	Direct & Indirect	Induced	Total
	End-Use	Power Generation	507	835	1,342	40	42	82	184	73	258
		Industrial	344	1,154	1,498	24	57	81	52	102	154
		Residential/ Commercial	365	557	922	24	29	53	90	50	140
		Export	68	117	185	5	6	11	5	10	16
		Transportation	0	0	0	0	0	0	0	0	0
	Infrastructure	Processing	72	198	270	5	10	15	6	18	24
		Pipelines	304	536	840	21	27	48	26	49	75
		Distribution	978	880	1,858	71	45	116	181	80	261
		Wholesalers, Marketers, Other	20	21	41	1	1	3	3	2	5
	Production	Natural Gas/ NGLs	301	728	1,029	24	36	61	27	65	92
All Segments	Grand Total	2,960	5,025	7,985	215	253	468	574	450	1,024	

Jobs by Top Industries	Rank	NAICS	Industry Sector	Direct and Indirect Jobs
	1	221210	Natural Gas Distribution	326
	2	811310	Industrial Equip. & Machinery Repair & Maint.	212
	3	45431NGL	NGL Retail	189
	4	221112	Gas-fired Electric Power Generation	118
	5	237120	Oil & Gas Pipeline Construction	117
	6	236210	Industrial Construction	109
	7	811412	Household Appliance Repair & Maintenance	33
	8	325	Chemical Manufacturing	26
	9	333415	Air-Conditioning and Warm Air Heating Equipment	24
	10	4841	Freight Truck	24

Customers	Sector	Customer Count	Consumption Volume (MMcf/ year)	Value of Natural Gas Delivered to Customers (\$million)
	Residential Sector	161,607	11,260	\$142
	Commercial Sector	13,430	11,731	\$100
	Industrial Sector	144	33,126	\$120
	Transportation	1	0	\$0
	Power Sector	10	44,725	\$133
	All Sectors	175,192	100,842	\$495

Infrastructure	Gas Distribution Main (miles)	Gas Distribution Services (miles)	Gas Gathering (miles)	Gas Pipelines (miles)	Crude Oil Pipelines (miles)	NGL Pipelines (miles)	Oil Product Pipelines (miles)	CO2 Pipelines (miles)
	3,105	2,178	0	336	0	1	40	0

Production	Product	Annual Production
	Dry Natural Gas (mmcf)	0
	Gas Plant Liquids (barrels)	0
	Lease Condensate (barrels)	0
	Crude Oil (barrels)	0
	Annual Value Counted Toward Natural Gas Value Chain (\$million)	\$0
	Annual Value of All Produced Oil, Gas, NGLs (\$million)	\$0

Wells	Well Type	Operating Wells	New Wells Drilled
	Oil Wells	0	0
	Gas Wells	0	0
	All Wells	0	0

Annual 2015 Data for Delaware  
Natural Gas Value Chain Basis