

Table A13. Natural gas supply, disposition, and prices
(trillion cubic feet per year, unless otherwise noted)

Supply, disposition, and prices	Reference case							Annual growth 2010-2035 (percent)
	2009	2010	2015	2020	2025	2030	2035	
Production								
Dry gas production ¹	20.58	21.58	23.67	25.21	26.00	26.79	27.84	1.0%
Supplemental natural gas ²	0.07	0.07	0.06	0.06	0.06	0.06	0.06	-0.2%
Net imports	2.68	2.58	1.70	0.29	-0.84	-0.97	-1.43	--
Pipeline ³	2.26	2.21	1.54	1.04	-0.10	-0.26	-0.68	--
Liquefied natural gas ⁴	0.42	0.37	0.16	-0.74	-0.74	-0.71	-0.74	--
Total supply	23.32	24.22	25.43	25.56	25.22	25.88	26.48	0.4%
Consumption by sector								
Residential	4.78	4.94	4.87	4.82	4.76	4.72	4.65	-0.2%
Commercial	3.12	3.21	3.33	3.40	3.42	3.49	3.56	0.4%
Industrial ⁵	6.17	6.60	6.97	7.23	7.12	7.00	7.00	0.2%
Natural-gas-to-liquids heat and power ⁶	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--
Natural gas to liquids production ⁷	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--
Electric power ⁸	6.87	7.38	8.09	7.89	7.69	8.40	8.93	0.8%
Transportation ⁹	0.04	0.04	0.06	0.08	0.11	0.14	0.16	5.9%
Pipeline fuel	0.60	0.63	0.67	0.67	0.66	0.66	0.66	0.2%
Lease and plant fuel ¹⁰	1.28	1.34	1.39	1.43	1.44	1.46	1.50	0.5%
Total	22.85	24.13	25.38	25.52	25.20	25.87	26.48	0.4%
Discrepancy ¹¹	0.47	0.09	0.05	0.04	0.03	0.01	-0.00	--
Natural gas prices								
(2010 dollars per million Btu)								
Henry hub spot price	4.00	4.39	4.27	4.80	5.75	6.19	7.23	2.0%
Average lower 48 wellhead price ¹²	3.75	4.06	3.83	4.28	5.10	5.48	6.36	1.8%
(2010 dollars per thousand cubic feet)								
Average lower 48 wellhead price ¹²	3.85	4.16	3.92	4.38	5.23	5.61	6.52	1.8%
Delivered prices								
(2010 dollars per thousand cubic feet)								
Residential	12.25	11.36	10.54	11.33	12.41	12.98	14.21	0.9%
Commercial	10.06	9.32	8.81	9.44	10.38	10.79	11.84	1.0%
Industrial ⁵	5.47	5.65	4.97	5.44	6.27	6.64	7.59	1.2%
Electric power ⁸	4.97	5.25	4.64	5.02	5.83	6.27	7.24	1.3%
Transportation ¹³	14.49	13.54	12.69	13.01	13.66	13.91	14.75	0.3%
Average ¹⁴	7.55	7.33	6.58	7.12	8.03	8.42	9.40	1.0%

Table A13. Natural gas supply, disposition, and prices (continued)
(trillion cubic feet per year, unless otherwise noted)

Supply, disposition, and prices	Reference case							Annual growth 2010-2035 (percent)
	2009	2010	2015	2020	2025	2030	2035	
Natural gas prices								
(nominal dollars per million Btu)								
Henry hub spot price	3.95	4.39	4.61	5.70	7.56	8.98	11.48	3.9%
Average lower 48 wellhead price ¹²	3.71	4.06	4.13	5.09	6.71	7.94	10.10	3.7%
(nominal dollars per thousand cubic feet)								
Average lower 48 wellhead price ¹²	3.80	4.16	4.23	5.21	6.87	8.13	10.34	3.7%
Delivered prices								
(nominal dollars per thousand cubic feet)								
Residential	12.11	11.36	11.36	13.47	16.31	18.81	22.55	2.8%
Commercial	9.95	9.32	9.49	11.22	13.64	15.64	18.79	2.8%
Industrial ⁵	5.40	5.65	5.36	6.46	8.25	9.62	12.05	3.1%
Electric power ⁸	4.92	5.25	5.00	5.96	7.66	9.08	11.49	3.2%
Transportation ¹³	14.32	13.54	13.68	15.46	17.95	20.16	23.41	2.2%
Average¹⁴	7.46	7.33	7.10	8.46	10.56	12.20	14.92	2.9%

¹Marketed production (wet) minus extraction losses.

²Synthetic natural gas, propane air, coke oven gas, refinery gas, biomass gas, air injected for Btu stabilization, and manufactured gas commingled and distributed with natural gas.

³Includes any natural gas regasified in the Bahamas and transported via pipeline to Florida, as well as gas from Canada and Mexico.

⁴Includes natural gas used for liquefaction at export terminals.

⁵Includes energy for combined heat and power plants, except those whose primary business is to sell electricity, or electricity and heat, to the public.

⁶Includes any natural gas used in the process of converting natural gas to liquid fuel that is not actually converted.

⁷Includes any natural gas that is converted into liquid fuel.

⁸Includes consumption of energy by electricity-only and combined heat and power plants whose primary business is to sell electricity, or electricity and heat, to the public. Includes small power producers and exempt wholesale generators.

⁹Compressed natural gas used as vehicle fuel.

¹⁰Represents natural gas used in well, field, and lease operations, and in natural gas processing plant machinery.

¹¹Balancing item. Natural gas lost as a result of converting flow data measured at varying temperatures and pressures to a standard temperature and pressure and the merger of different data reporting systems which vary in scope, format, definition, and respondent type. In addition, 2009 and 2010 values include net storage injections.

¹²Represents lower 48 onshore and offshore supplies.

¹³Compressed natural gas used as a vehicle fuel. Price includes estimated motor vehicle fuel taxes and estimated dispensing costs or charges.

¹⁴Weighted average prices. Weights used are the sectoral consumption values excluding lease, plant, and pipeline fuel.

- - = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Data for 2009 and 2010 are model results and may differ slightly from official EIA data reports.

Sources: 2009 supply values; and lease, plant, and pipeline fuel consumption: U.S. Energy Information Administration (EIA), *Natural Gas Annual 2009*, DOE/EIA-0131(2009) (Washington, DC, December 2010). 2010 supply values; and lease, plant, and pipeline fuel consumption; and wellhead price: EIA, *Natural Gas Monthly*, DOE/EIA-0130(2011/07) (Washington, DC, July 2011). Other 2009 and 2010 consumption based on: EIA, *Annual Energy Review 2010*, DOE/EIA-0384(2010) (Washington, DC, October 2011). 2009 wellhead price: U.S. Department of the Interior, Office of Natural Resources Revenue; and EIA, *Natural Gas Annual 2009*, DOE/EIA-0131(2009) (Washington, DC, December 2010). 2009 residential and commercial delivered prices: EIA, *Natural Gas Annual 2009*, DOE/EIA-0131(2009) (Washington, DC, December 2010). 2010 residential and commercial delivered prices: EIA, *Natural Gas Monthly*, DOE/EIA-0130(2011/07) (Washington, DC, July 2011). 2009 and 2010 electric power prices: EIA, *Electric Power Monthly*, DOE/EIA-0226, April 2010 and April 2011, Table 4.2, and EIA, *State Energy Data Report 2009*, DOE/EIA-0214(2009) (Washington, DC, June 2011). 2009 and 2010 industrial delivered prices are estimated based on: EIA, *Manufacturing Energy Consumption Survey* and industrial and wellhead prices from the *Natural Gas Annual 2009*, DOE/EIA-0131(2009) (Washington, DC, December 2010) and the *Natural Gas Monthly*, DOE/EIA-0130(2011/07) (Washington, DC, July 2011). 2009 transportation sector delivered prices are based on: EIA, *Natural Gas Annual 2009*, DOE/EIA-0131(2009) (Washington, DC, December 2010) and estimated state taxes, federal taxes, and dispensing costs or charges. 2010 transportation sector delivered prices are model results. **Projections:** EIA, AEO2012 National Energy Modeling System run REF2012.D121011B.