Economic Growth Case Comparisons

Table B1. Total Energy Supply, Disposition, and Price Summary
(Quadrillion Btu per Year, Unless Otherwise Noted)

Supply, Disposition, and Prices	2008	Projections								
		2015			2025			2035		
		Low Economic Growth	Reference	High Economic Growth	Low Economic Growth	Reference	High Economic Growth	Low Economic Growth	Reference	High Economic Growth
Production										
Crude Oil and Lease Condensate	10.51	12.40	12.41	12.42	12.83	13.22	13.39	13.51	13.50	13.69
Natural Gas Plant Liquids	2.57	2.27	2.27	2.30	2.26	2.24	2.37	2.22	2.37	2.48
Dry Natural Gas	21.14	19.68	19.83	20.12	20.32	21.90	23.17	22.28	23.92	25.26
Coal[1]	23.86	22.96	23.31	23.60	22.81	24.36	25.17	23.54	25.19	27.08
Nuclear Power	8.46	8.75	8.75	8.75	9.29	9.29	9.35	9.26	9.41	9.98
Hydropower	2.46	2.94	2.96	3.00	2.97	2.98	3.00	2.97	2.99	3.03
Biomass[2]	3.97	4.49	4.60	4.81	5.98	6.90	7.11	7.35	9.27	11.30
Other Renewable Energy[3]	1.17	2.33	3.01	4.12	2.45	3.07	4.24	2.57	3.36	4.65
Other[4]	0.10	0.65	0.73	0.80	0.86	0.94	1.04	0.73	0.81	1.05
Total	**74.23**	**76.46**	**77.88**	**79.93**	**79.79**	**84.91**	**88.84**	**84.43**	**90.83**	**98.51**
Imports										
Crude Oil	21.39	18.76	19.66	20.77	18.01	19.21	21.33	16.65	19.34	22.28
Liquid Fuels and Other Petroleum[5]	6.38	5.27	5.54	5.81	5.13	5.76	6.36	5.09	6.08	7.13
Natural Gas	4.06	3.50	3.59	3.66	3.86	3.94	4.29	3.08	3.49	4.07
Other Imports[6]	0.96	0.78	0.79	0.79	0.97	0.88	0.93	0.91	1.32	1.42
Total	**32.79**	**28.31**	**29.58**	**31.04**	**27.98**	**29.80**	**32.90**	**25.72**	**30.23**	**34.90**
Exports										
Petroleum[7]	3.71	3.48	3.53	3.59	3.79	3.91	4.07	3.93	4.12	4.37
Natural Gas	1.01	1.15	1.14	1.13	1.74	1.69	1.64	2.13	1.96	1.80
Coal	2.07	1.49	1.49	1.49	1.12	1.20	1.13	0.77	0.79	0.82
Total	**6.80**	**6.11**	**6.16**	**6.20**	**6.65**	**6.80**	**6.84**	**6.82**	**6.87**	**6.99**
Discrepancy[8]	**0.13**	**-0.29**	**-0.30**	**-0.28**	**-0.24**	**-0.35**	**-0.41**	**-0.29**	**-0.32**	**-0.30**
Consumption										
Liquid Fuels and Other Petroleum[9]	38.35	37.59	38.81	40.23	37.50	40.14	43.11	37.49	42.02	46.82
Natural Gas	23.91	22.10	22.35	22.73	22.52	24.24	25.91	23.33	25.56	27.66
Coal[10]	22.41	21.99	22.35	22.64	22.25	23.63	24.52	23.14	25.11	26.99
Nuclear Power	8.46	8.75	8.75	8.75	9.29	9.29	9.35	9.26	9.41	9.98
Hydropower	2.46	2.94	2.96	3.00	2.97	2.98	3.00	2.97	2.99	3.03
Biomass[11]	3.10	3.05	3.17	3.38	4.15	4.70	4.98	4.68	5.83	7.33
Other Renewable Energy[3]	1.17	2.33	3.01	4.12	2.45	3.07	4.24	2.57	3.36	4.65
Other[12]	0.24	0.20	0.20	0.20	0.21	0.21	0.22	0.18	0.22	0.26
Total	**100.09**	**98.94**	**101.61**	**105.04**	**101.35**	**108.26**	**115.32**	**103.62**	**114.51**	**126.72**
Prices (2008 dollars per unit)										
Petroleum (dollars per barrel)										
Imported Low Sulfur Light Crude Oil Price[13]	99.57	92.93	94.52	96.00	112.85	115.09	118.95	128.73	133.22	138.80
Imported Crude Oil Price[13]	92.61	85.06	86.88	88.52	100.92	104.49	109.41	116.42	121.37	127.98
Natural Gas (dollars per million Btu)										
Price at Henry Hub	8.86	5.99	6.27	6.48	6.86	6.99	7.83	7.50	8.88	9.73
Wellhead Price[14]	7.85	5.29	5.54	5.73	6.06	6.18	6.92	6.62	7.84	8.59
Natural Gas (dollars per thousand cubic feet)										
Wellhead Price[14]	8.07	5.44	5.70	5.89	6.23	6.35	7.11	6.81	8.06	8.83
Coal (dollars per ton)										
Minemouth Price[15]	31.26	29.96	30.38	30.59	27.54	28.19	28.57	27.06	28.10	29.56
Coal (dollars per million Btu)										
Minemouth Price[15]	1.55	1.50	1.52	1.53	1.40	1.44	1.46	1.39	1.44	1.52
Average Delivered Price[16]	2.16	2.08	2.11	2.12	2.04	2.07	2.11	2.06	2.13	2.21
Average Electricity Price (cents per kilowatthour)	9.8	8.6	8.9	9.1	9.0	9.3	9.8	9.3	10.2	10.9

Table B1. Total Energy Supply and Disposition Summary (Continued)
(Quadrillion Btu per Year, Unless Otherwise Noted)

Supply, Disposition, and Prices	2008	Projections								
		2015			2025			2035		
		Low Economic Growth	Reference	High Economic Growth	Low Economic Growth	Reference	High Economic Growth	Low Economic Growth	Reference	High Economic Growth
Prices (nominal dollars per unit)										
Petroleum (dollars per barrel)										
Imported Low Sulfur Light Crude Oil Price[13]	99.57	107.49	105.33	102.10	170.24	156.20	143.29	251.80	223.88	195.45
Imported Crude Oil Price[13]	92.61	98.39	96.82	94.14	152.23	141.80	131.80	227.71	203.97	180.22
Natural Gas (dollars per million Btu)										
Price at Henry Hub	8.86	6.93	6.99	6.89	10.34	9.49	9.44	14.66	14.92	13.69
Wellhead Price[14]	7.85	6.12	6.17	6.09	9.14	8.38	8.34	12.95	13.18	12.10
Natural Gas (dollars per thousand cubic feet)										
Wellhead Price[14]	8.07	6.29	6.35	6.26	9.40	8.62	8.57	13.31	13.55	12.43
Coal (dollars per ton)										
Minemouth Price[15]	31.26	34.66	33.86	32.54	41.55	38.25	34.41	52.93	47.23	41.63
Coal (dollars per million Btu)										
Minemouth Price[15]	1.55	1.73	1.69	1.63	2.12	1.95	1.76	2.72	2.43	2.14
Average Delivered Price[16]	2.16	2.41	2.35	2.26	3.07	2.81	2.54	4.03	3.58	3.11
Average Electricity Price (cents per kilowatthour)	9.8	10.0	9.9	9.6	13.6	12.6	11.8	18.2	17.1	15.3

[1]Includes waste coal.
[2]Includes grid-connected electricity from wood and wood waste; biomass, such as corn, used for liquid fuels production; and non-electric energy demand from wood. Refer to Table A17 for details.
[3]Includes grid-connected electricity from landfill gas; biogenic municipal waste; wind; photovoltaic and solar thermal sources; and non-electric energy from renewable sources, such as active and passive solar systems. Excludes electricity imports using renewable sources and nonmarketed renewable energy. See Table A17 for selected nonmarketed residential and commercial renewable energy.
[4]Includes non-biogenic municipal waste, liquid hydrogen, methanol, and some domestic inputs to refineries.
[5]Includes imports of finished petroleum products, unfinished oils, alcohols, ethers, blending components, and renewable fuels such as ethanol.
[6]Includes coal, coal coke (net), and electricity (net).
[7]Includes crude oil and petroleum products.
[8]Balancing item. Includes unaccounted for supply, losses, gains, and net storage withdrawals.
[9]Includes petroleum-derived fuels and non-petroleum derived fuels, such as ethanol and biodiesel, and coal-based synthetic liquids. Petroleum coke, which is a solid, is included. Also included are natural gas plant liquids and crude oil consumed as a fuel. Refer to Table A17 for detailed renewable liquid fuels consumption.
[10]Excludes coal converted to coal-based synthetic liquids and coal-based synthetic natural gas.
[11]Includes grid-connected electricity from wood and wood waste, non-electric energy from wood, and biofuels heat and coproducts used in the production of liquid fuels, but excludes the energy content of the liquid fuels.
[12]Includes non-biogenic municipal waste and net electricity imports.
[13]Weighted average price delivered to U.S. refiners.
[14]Represents lower 48 onshore and offshore supplies.
[15]Includes reported prices for both open market and captive mines.
[16]Prices weighted by consumption; weighted average excludes residential and commercial prices, and export free-alongside-ship (f.a.s.) prices.
Btu = British thermal unit.
Note: Totals may not equal sum of components due to independent rounding. Data for 2008 are model results and may differ slightly from official EIA data reports.
Sources: 2008 natural gas supply values and natural gas wellhead price: EIA, *Natural Gas Monthly*, DOE/EIA-0130(2009/07) (Washington, DC, July 2009). 2008 coal minemouth and delivered coal prices: EIA, *Annual Coal Report 2008*, DOE/EIA-0584(2008) (Washington, DC, September 2009). 2008 petroleum supply values: EIA, *Petroleum Supply Annual 2008,* DOE/EIA-0340(2008)/1 (Washington, DC, June 2009). 2008 low sulfur light crude oil price: EIA, Form EIA-856, "Monthly Foreign Crude Oil Acquisition Report." Other 2008 coal values: *Quarterly Coal Report, October-December 2008*, DOE/EIA-0121(2008/4Q) (Washington, DC, March 2009). Other 2008 values: EIA, *Annual Energy Review 2008*, DOE/EIA-0384(2008) (Washington, DC, June 2009). **Projections:** EIA, AEO2010 National Energy Modeling System runs LM2010.D011110A, AEO2010R.D111809A, and HM2010.D020310A.

Table B2. Energy Consumption by Sector and Source
(Quadrillion Btu per Year, Unless Otherwise Noted)

Sector and Source	2008	Projections								
		2015			2025			2035		
		Low Economic Growth	Reference	High Economic Growth	Low Economic Growth	Reference	High Economic Growth	Low Economic Growth	Reference	High Economic Growth
Energy Consumption										
Residential										
Liquefied Petroleum Gases	0.45	0.41	0.41	0.41	0.39	0.40	0.41	0.38	0.40	0.42
Kerosene	0.04	0.04	0.04	0.04	0.03	0.03	0.04	0.03	0.03	0.03
Distillate Fuel Oil	0.68	0.59	0.59	0.59	0.48	0.49	0.49	0.41	0.41	0.42
Liquid Fuels and Other Petroleum Subtotal	1.18	1.03	1.04	1.04	0.91	0.92	0.93	0.82	0.85	0.87
Natural Gas	5.01	4.81	4.85	4.89	4.84	5.04	5.21	4.70	5.01	5.36
Coal	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Renewable Energy[1]	0.45	0.40	0.40	0.41	0.41	0.42	0.44	0.40	0.43	0.47
Electricity	4.71	4.73	4.78	4.83	5.07	5.30	5.52	5.38	5.83	6.29
Delivered Energy	**11.34**	**10.98**	**11.07**	**11.18**	**11.23**	**11.69**	**12.11**	**11.31**	**12.12**	**13.00**
Electricity Related Losses	10.20	10.09	10.24	10.53	10.65	11.08	11.58	11.13	11.79	12.70
Total	**21.54**	**21.06**	**21.31**	**21.70**	**21.88**	**22.76**	**23.69**	**22.44**	**23.92**	**25.69**
Commercial										
Liquefied Petroleum Gases	0.08	0.08	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09
Motor Gasoline[2]	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
Kerosene	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Distillate Fuel Oil	0.36	0.31	0.31	0.30	0.28	0.28	0.28	0.26	0.26	0.26
Residual Fuel Oil	0.07	0.09	0.09	0.09	0.08	0.09	0.09	0.09	0.09	0.09
Liquid Fuels and Other Petroleum Subtotal	0.58	0.55	0.55	0.55	0.52	0.53	0.53	0.51	0.52	0.53
Natural Gas	3.21	3.30	3.32	3.35	3.44	3.55	3.62	3.67	3.79	3.97
Coal	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
Renewable Energy[3]	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
Electricity	4.61	4.94	5.00	5.08	5.53	5.76	5.99	6.20	6.55	6.96
Delivered Energy	**8.58**	**8.96**	**9.04**	**9.15**	**9.66**	**10.00**	**10.32**	**10.55**	**11.04**	**11.63**
Electricity Related Losses	10.00	10.54	10.72	11.06	11.61	12.03	12.58	12.83	13.27	14.05
Total	**18.58**	**19.50**	**19.77**	**20.21**	**21.28**	**22.03**	**22.91**	**23.38**	**24.30**	**25.69**
Industrial[4]										
Liquefied Petroleum Gases	2.14	2.23	2.31	2.41	2.20	2.55	2.87	1.88	2.35	2.87
Motor Gasoline[2]	0.30	0.28	0.30	0.33	0.27	0.30	0.34	0.25	0.30	0.35
Distillate Fuel Oil	1.19	1.12	1.19	1.27	1.05	1.17	1.30	1.00	1.17	1.33
Residual Fuel Oil	0.18	0.14	0.14	0.15	0.13	0.14	0.15	0.11	0.13	0.15
Petrochemical Feedstocks	1.12	0.99	1.09	1.20	0.73	0.82	0.96	0.68	0.81	0.96
Other Petroleum[5]	4.05	3.78	4.01	4.25	3.63	3.89	4.29	3.41	3.92	4.39
Liquid Fuels and Other Petroleum Subtotal	8.99	8.52	9.04	9.61	8.01	8.87	9.91	7.33	8.70	10.06
Natural Gas	6.84	6.82	7.08	7.40	6.43	7.14	7.79	6.02	6.91	7.97
Natural-Gas-to-Liquids Heat and Power	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lease and Plant Fuel[6]	1.32	1.10	1.11	1.12	1.12	1.23	1.29	1.22	1.29	1.34
Natural Gas Subtotal	8.16	7.93	8.19	8.52	7.55	8.37	9.07	7.24	8.20	9.31
Metallurgical Coal	0.58	0.50	0.52	0.55	0.44	0.50	0.56	0.28	0.36	0.44
Other Industrial Coal	1.17	1.05	1.07	1.10	1.03	1.07	1.12	0.98	1.04	1.10
Coal-to-Liquids Heat and Power	0.00	0.16	0.16	0.16	0.33	0.34	0.36	0.52	0.55	0.59
Net Coal Coke Imports	0.04	0.01	0.01	0.01	0.00	0.01	0.02	-0.01	-0.00	0.01
Coal Subtotal	1.79	1.72	1.76	1.82	1.80	1.92	2.06	1.77	1.95	2.14
Biofuels Heat and Coproducts[7]	1.03	0.77	0.77	0.80	1.14	1.49	1.52	1.70	2.56	3.35
Renewable Energy[8]	1.50	1.52	1.59	1.68	1.58	1.74	1.92	1.54	1.83	2.13
Electricity	3.35	3.24	3.40	3.58	3.12	3.49	3.86	2.88	3.47	4.06
Delivered Energy	**24.81**	**23.70**	**24.76**	**26.00**	**23.20**	**25.88**	**28.34**	**22.46**	**26.70**	**31.05**
Electricity Related Losses	7.26	6.91	7.29	7.79	6.56	7.29	8.10	5.95	7.01	8.19
Total	**32.07**	**30.61**	**32.05**	**33.79**	**29.76**	**33.18**	**36.44**	**28.42**	**33.72**	**39.24**

Table B2. Energy Consumption by Sector and Source (Continued)

(Quadrillion Btu per Year, Unless Otherwise Noted)

Sector and Source	2008	Projections								
		2015			2025			2035		
		Low Economic Growth	Reference	High Economic Growth	Low Economic Growth	Reference	High Economic Growth	Low Economic Growth	Reference	High Economic Growth
Transportation										
Liquefied Petroleum Gases	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.04
E85[9]	0.01	0.07	0.01	0.01	0.44	0.52	0.44	1.26	1.75	2.55
Motor Gasoline[2]	16.76	16.64	17.02	17.43	16.17	16.91	17.93	15.48	16.44	17.27
Jet Fuel[10]	3.15	3.18	3.26	3.34	3.44	3.62	3.82	3.46	3.80	4.17
Distillate Fuel Oil[11]	6.09	6.02	6.32	6.65	6.41	7.13	7.89	6.99	8.28	9.65
Residual Fuel Oil	0.93	0.94	0.94	0.94	0.95	0.96	0.97	0.96	0.97	0.99
Other Petroleum[12]	0.17	0.17	0.17	0.18	0.18	0.18	0.18	0.18	0.19	0.19
Liquid Fuels and Other Petroleum Subtotal	27.14	27.03	27.73	28.57	27.60	29.34	31.25	28.36	31.47	34.86
Pipeline Fuel Natural Gas	0.64	0.61	0.61	0.63	0.62	0.72	0.76	0.70	0.74	0.80
Compressed Natural Gas	0.04	0.05	0.05	0.06	0.10	0.11	0.12	0.17	0.19	0.23
Liquid Hydrogen	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	0.02	0.02	0.03	0.03	0.03	0.04	0.05	0.05	0.06	0.07
Delivered Energy	**27.85**	**27.72**	**28.42**	**29.27**	**28.36**	**30.21**	**32.18**	**29.29**	**32.46**	**35.96**
Electricity Related Losses	0.05	0.05	0.05	0.06	0.07	0.08	0.10	0.10	0.11	0.14
Total	**27.90**	**27.77**	**28.48**	**29.33**	**28.43**	**30.29**	**32.28**	**29.39**	**32.58**	**36.10**
Delivered Energy Consumption for All Sectors										
Liquefied Petroleum Gases	2.70	2.73	2.82	2.93	2.70	3.06	3.40	2.37	2.87	3.43
E85[9]	0.01	0.07	0.01	0.01	0.44	0.52	0.44	1.26	1.75	2.55
Motor Gasoline[2]	17.12	16.98	17.38	17.81	16.50	17.28	18.32	15.80	16.80	17.68
Jet Fuel[10]	3.15	3.18	3.26	3.34	3.44	3.62	3.82	3.46	3.80	4.17
Kerosene	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
Distillate Fuel Oil	8.33	8.03	8.40	8.81	8.22	9.07	9.96	8.66	10.13	11.66
Residual Fuel Oil	1.19	1.16	1.17	1.18	1.16	1.18	1.21	1.16	1.19	1.23
Petrochemical Feedstocks	1.12	0.99	1.09	1.20	0.73	0.82	0.96	0.68	0.81	0.96
Other Petroleum[13]	4.21	3.94	4.17	4.42	3.80	4.06	4.46	3.57	4.10	4.57
Liquid Fuels and Other Petroleum Subtotal	37.89	37.14	38.35	39.76	37.04	39.66	42.63	37.02	41.53	46.32
Natural Gas	15.10	14.99	15.31	15.70	14.82	15.84	16.74	14.56	15.91	17.52
Natural-Gas-to-Liquids Heat and Power	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lease and Plant Fuel[6]	1.32	1.10	1.11	1.12	1.12	1.23	1.29	1.22	1.29	1.34
Pipeline Natural Gas	0.64	0.61	0.61	0.63	0.62	0.72	0.76	0.70	0.74	0.80
Natural Gas Subtotal	17.07	16.70	17.03	17.44	16.56	17.79	18.79	16.47	17.94	19.67
Metallurgical Coal	0.58	0.50	0.52	0.55	0.44	0.50	0.56	0.28	0.36	0.44
Other Coal	1.24	1.13	1.15	1.17	1.11	1.15	1.19	1.05	1.11	1.17
Coal-to-Liquids Heat and Power	0.00	0.16	0.16	0.16	0.33	0.34	0.36	0.52	0.55	0.59
Net Coal Coke Imports	0.04	0.01	0.01	0.01	0.00	0.01	0.02	-0.01	-0.00	0.01
Coal Subtotal	1.86	1.79	1.84	1.89	1.88	2.00	2.13	1.84	2.02	2.21
Biofuels Heat and Coproducts[7]	1.03	0.77	0.77	0.80	1.14	1.49	1.52	1.70	2.56	3.35
Renewable Energy[14]	2.05	2.02	2.10	2.19	2.09	2.27	2.46	2.05	2.37	2.70
Liquid Hydrogen	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	12.69	12.93	13.20	13.51	13.75	14.58	15.42	14.52	15.90	17.38
Delivered Energy	**72.59**	**71.36**	**73.30**	**75.60**	**72.46**	**77.78**	**82.95**	**73.61**	**82.33**	**91.64**
Electricity Related Losses	27.50	27.59	28.31	29.44	28.89	30.48	32.37	30.01	32.19	35.08
Total	**100.09**	**98.94**	**101.61**	**105.04**	**101.35**	**108.26**	**115.32**	**103.62**	**114.51**	**126.72**
Electric Power[15]										
Distillate Fuel Oil	0.10	0.12	0.12	0.12	0.13	0.13	0.14	0.13	0.14	0.14
Residual Fuel Oil	0.36	0.33	0.33	0.34	0.34	0.34	0.35	0.34	0.35	0.37
Liquid Fuels and Other Petroleum Subtotal	0.47	0.45	0.46	0.46	0.47	0.48	0.49	0.48	0.49	0.51
Natural Gas	6.84	5.39	5.32	5.29	5.97	6.45	7.12	6.85	7.62	7.99
Steam Coal	20.55	20.20	20.51	20.75	20.38	21.63	22.39	21.29	23.09	24.78
Nuclear Power	8.46	8.75	8.75	8.75	9.29	9.29	9.35	9.26	9.41	9.98
Renewable Energy[16]	3.65	5.53	6.27	7.51	6.34	7.00	8.22	6.47	7.26	8.95
Electricity Imports	0.11	0.07	0.07	0.07	0.08	0.08	0.09	0.05	0.09	0.13
Total[17]	**40.20**	**40.52**	**41.51**	**42.95**	**42.65**	**45.06**	**47.78**	**44.53**	**48.09**	**52.46**

Table B2. Energy Consumption by Sector and Source (Continued)
(Quadrillion Btu per Year, Unless Otherwise Noted)

Sector and Source	2008	Projections								
		2015			2025			2035		
		Low Economic Growth	Reference	High Economic Growth	Low Economic Growth	Reference	High Economic Growth	Low Economic Growth	Reference	High Economic Growth
Total Energy Consumption										
Liquefied Petroleum Gases	2.70	2.73	2.82	2.93	2.70	3.06	3.40	2.37	2.87	3.43
E85[9]	0.01	0.07	0.01	0.01	0.44	0.52	0.44	1.26	1.75	2.55
Motor Gasoline[2]	17.12	16.98	17.38	17.81	16.50	17.28	18.32	15.80	16.80	17.68
Jet Fuel[10]	3.15	3.18	3.26	3.34	3.44	3.62	3.82	3.46	3.80	4.17
Kerosene	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
Distillate Fuel Oil	8.43	8.15	8.53	8.94	8.35	9.20	10.09	8.79	10.27	11.81
Residual Fuel Oil	1.55	1.49	1.50	1.52	1.50	1.52	1.56	1.50	1.55	1.59
Petrochemical Feedstocks	1.12	0.99	1.09	1.20	0.73	0.82	0.96	0.68	0.81	0.96
Other Petroleum[12]	4.21	3.94	4.17	4.42	3.80	4.06	4.46	3.57	4.10	4.57
Liquid Fuels and Other Petroleum Subtotal	38.35	37.59	38.81	40.23	37.50	40.14	43.11	37.49	42.02	46.82
Natural Gas	21.94	20.38	20.63	20.99	20.79	22.29	23.86	21.41	23.53	25.51
Natural-Gas-to-Liquids Heat and Power	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lease and Plant Fuel[6]	1.32	1.10	1.11	1.12	1.12	1.23	1.29	1.22	1.29	1.34
Pipeline Natural Gas	0.64	0.61	0.61	0.63	0.62	0.72	0.76	0.70	0.74	0.80
Natural Gas Subtotal	23.91	22.10	22.35	22.73	22.52	24.24	25.91	23.33	25.56	27.66
Metallurgical Coal	0.58	0.50	0.52	0.55	0.44	0.50	0.56	0.28	0.36	0.44
Other Coal	21.79	21.33	21.66	21.92	21.48	22.78	23.57	22.34	24.20	25.95
Coal-to-Liquids Heat and Power	0.00	0.16	0.16	0.16	0.33	0.34	0.36	0.52	0.55	0.59
Net Coal Coke Imports	0.04	0.01	0.01	0.01	0.00	0.01	0.02	-0.01	-0.00	0.01
Coal Subtotal	22.41	21.99	22.35	22.64	22.25	23.63	24.52	23.14	25.11	26.99
Nuclear Power	8.46	8.75	8.75	8.75	9.29	9.29	9.35	9.26	9.41	9.98
Biofuels Heat and Coproducts[7]	1.03	0.77	0.77	0.80	1.14	1.49	1.52	1.70	2.56	3.35
Renewable Energy[18]	5.70	7.55	8.37	9.69	8.43	9.27	10.69	8.52	9.63	11.66
Liquid Hydrogen	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity Imports	0.11	0.07	0.07	0.07	0.08	0.08	0.09	0.05	0.09	0.13
Total	**100.09**	**98.94**	**101.61**	**105.04**	**101.35**	**108.26**	**115.32**	**103.62**	**114.51**	**126.72**
Energy Use and Related Statistics										
Delivered Energy Use	72.59	71.36	73.30	75.60	72.46	77.78	82.95	73.61	82.33	91.64
Total Energy Use	100.09	98.94	101.61	105.04	101.35	108.26	115.32	103.62	114.51	126.72
Ethanol Consumed in Motor Gasoline and E85	0.82	1.24	1.23	1.26	1.45	1.56	1.58	1.95	2.35	2.93
Population (millions)	305.37	322.09	326.70	333.30	340.14	358.62	380.29	352.44	390.70	433.29
Gross Domestic Product (billion 2000 dollars)	11652	12563	13289	14084	15802	17561	19425	18820	22362	25918
Carbon Dioxide Emissions (million metric tons)	5814.4	5612.7	5730.7	5858.7	5646.6	6015.8	6366.5	5767.5	6320.4	6865.2

[1]Includes wood used for residential heating. See Table A4 and/or Table A17 for estimates of nonmarketed renewable energy consumption for geothermal heat pumps, solar thermal hot water heating, and electricity generation from wind and solar photovoltaic sources.
[2]Includes ethanol (blends of 10 percent or less) and ethers blended into gasoline.
[3]Excludes ethanol. Includes commercial sector consumption of wood and wood waste, landfill gas, municipal waste, and other biomass for combined heat and power. See Table A5 and/or Table A17 for estimates of nonmarketed renewable energy consumption for solar thermal hot water heating and electricity generation from wind and solar photovoltaic sources.
[4]Includes energy for combined heat and power plants, except those whose primary business is to sell electricity, or electricity and heat, to the public.
[5]Includes petroleum coke, asphalt, road oil, lubricants, still gas, and miscellaneous petroleum products.
[6]Represents natural gas used in well, field, and lease operations, and in natural gas processing plant machinery.
[7]The energy content of biofuels feedstock minus the energy content of liquid fuel produced.
[8]Includes consumption of energy produced from hydroelectric, wood and wood waste, municipal waste, and other biomass sources. Excludes ethanol blends (10 percent or less) in motor gasoline.
[9]E85 refers to a blend of 85 percent ethanol (renewable) and 15 percent motor gasoline (nonrenewable). To address cold starting issues, the percentage of ethanol varies seasonally. The annual average ethanol content of 74 percent is used for this forecast.
[10]Includes only kerosene type.
[11]Diesel fuel for on- and off- road use.
[12]Includes aviation gasoline and lubricants.
[13]Includes unfinished oils, natural gasoline, motor gasoline blending components, aviation gasoline, lubricants, still gas, asphalt, road oil, petroleum coke, and miscellaneous petroleum products.
[14]Includes electricity generated for sale to the grid and for own use from renewable sources, and non-electric energy from renewable sources. Excludes ethanol and nonmarketed renewable energy consumption for geothermal heat pumps, buildings photovoltaic systems, and solar thermal hot water heaters.
[15]Includes 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.
[16]Includes conventional hydroelectric, geothermal, wood and wood waste, biogenic municipal waste, other biomass, wind, photovoltaic, and solar thermal sources. Excludes net electricity imports.
[17]Includes non-biogenic municipal waste not included above.
[18]Includes conventional hydroelectric, geothermal, wood and wood waste, biogenic municipal waste, other biomass, wind, photovoltaic, and solar thermal sources. Excludes ethanol, net electricity imports, and nonmarketed renewable energy consumption for geothermal heat pumps, buildings photovoltaic systems, and solar thermal hot water heaters.
Btu = British thermal unit.
Note: Totals may not equal sum of components due to independent rounding. Data for 2008 are model results and may differ slightly from official EIA data reports.
Sources: 2008 consumption based on: Energy Information Administration (EIA), *Annual Energy Review 2008*, DOE/EIA-0384(2008) (Washington, DC, June 2009). 2008 population and gross domestic product: IHS Global Insight Industry and Employment models, August 2009. 2008 carbon dioxide emissions: EIA, *Emissions of Greenhouse Gases in the United States 2008,* DOE/EIA-0573(2008) (Washington, DC, December 2009). **Projections:** EIA, AEO2010 National Energy Modeling System runs LM2010.D011110A, AEO2010R.D111809A, and HM2010.D020310A.

Table B3. Energy Prices by Sector and Source
(2008 Dollars per Million Btu, Unless Otherwise Noted)

Sector and Source	2008	Projections								
		2015			2025			2035		
		Low Economic Growth	Reference	High Economic Growth	Low Economic Growth	Reference	High Economic Growth	Low Economic Growth	Reference	High Economic Growth
Residential										
Liquefied Petroleum Gases	29.35	27.70	28.03	28.33	30.81	31.55	32.40	33.92	34.65	35.85
Distillate Fuel Oil	24.47	20.67	21.08	21.78	24.52	25.23	26.35	26.91	28.66	30.86
Natural Gas	13.48	11.29	11.56	11.77	12.15	12.29	13.12	13.08	14.40	15.28
Electricity	33.29	30.69	31.43	32.12	31.34	32.26	34.07	32.00	34.71	36.84
Commercial										
Liquefied Petroleum Gases	26.15	24.45	24.77	25.07	27.54	28.26	29.09	30.63	31.32	32.49
Distillate Fuel Oil	21.50	18.31	18.72	19.31	21.99	22.72	23.79	24.41	26.13	28.34
Residual Fuel Oil	15.52	12.90	13.13	13.35	15.95	16.54	17.00	18.48	18.84	19.26
Natural Gas	11.94	9.71	9.99	10.22	10.47	10.70	11.58	11.27	12.66	13.63
Electricity	30.47	25.64	26.55	27.34	26.60	27.72	29.62	27.37	30.37	32.76
Industrial[1]										
Liquefied Petroleum Gases	24.20	22.07	22.49	22.91	25.39	26.12	26.95	28.23	29.25	30.36
Distillate Fuel Oil	22.31	18.59	19.00	19.54	22.23	22.97	24.04	24.74	26.48	28.81
Residual Fuel Oil	16.31	16.23	16.47	16.70	18.61	19.23	19.99	21.10	21.72	22.95
Natural Gas[2]	9.11	6.21	6.45	6.62	6.89	7.02	7.77	7.53	8.73	9.50
Metallurgical Coal	4.49	5.05	5.08	5.11	5.22	5.24	5.25	4.94	5.06	5.25
Other Industrial Coal	2.84	2.66	2.69	2.70	2.59	2.63	2.66	2.65	2.71	2.80
Coal to Liquids	- -	1.45	1.42	1.42	1.42	1.49	1.50	1.49	1.51	1.52
Electricity	20.21	16.77	17.37	17.92	17.75	18.50	19.89	18.24	20.71	22.48
Transportation										
Liquefied Petroleum Gases[3]	29.93	27.54	27.88	28.21	30.61	31.36	32.22	33.66	34.38	35.58
E85[4]	26.93	23.96	25.55	25.85	28.29	28.86	29.90	30.69	32.23	33.75
Motor Gasoline[5]	26.76	25.13	25.37	25.56	28.21	28.87	29.87	30.69	32.33	34.35
Jet Fuel[6]	22.71	18.64	19.04	19.48	22.16	22.92	23.97	24.88	26.48	28.57
Diesel Fuel (distillate fuel oil)[7]	27.65	22.47	22.93	23.50	25.74	26.63	27.85	28.05	29.96	32.49
Residual Fuel Oil	14.49	13.33	13.58	13.65	15.28	15.93	16.76	17.87	18.60	19.86
Natural Gas[8]	15.96	13.04	13.37	13.66	13.14	13.43	14.44	13.33	14.78	15.85
Electricity	33.73	27.95	28.79	29.36	27.58	28.63	32.31	29.23	33.26	37.20
Electric Power[9]										
Distillate Fuel Oil	19.37	16.98	17.36	18.02	20.67	21.35	22.43	23.03	24.70	26.83
Residual Fuel Oil	14.56	15.28	15.53	15.71	17.58	18.30	19.19	20.27	21.12	22.48
Natural Gas	9.09	5.83	6.08	6.26	6.63	6.75	7.51	7.24	8.46	9.18
Steam Coal	2.05	1.99	2.01	2.02	1.96	1.99	2.02	2.02	2.09	2.16
Average Price to All Users[10]										
Liquefied Petroleum Gases	20.19	20.02	20.30	20.56	22.82	23.34	24.00	25.97	26.37	27.23
E85[4]	26.93	23.96	25.55	25.85	28.29	28.86	29.90	30.69	32.23	33.75
Motor Gasoline[5]	26.54	25.12	25.36	25.56	28.20	28.87	29.87	30.68	32.32	34.34
Jet Fuel	22.71	18.64	19.04	19.48	22.16	22.92	23.97	24.88	26.48	28.57
Distillate Fuel Oil	26.27	21.57	22.03	22.60	25.02	25.89	27.10	27.44	29.34	31.86
Residual Fuel Oil	14.77	14.00	14.26	14.39	16.11	16.80	17.64	18.69	19.46	20.72
Natural Gas	10.53	7.89	8.14	8.32	8.67	8.75	9.48	9.34	10.54	11.32
Metallurgical Coal	4.49	5.05	5.08	5.11	5.22	5.24	5.25	4.94	5.06	5.25
Other Coal	2.10	2.02	2.05	2.06	1.99	2.02	2.06	2.05	2.12	2.19
Coal to Liquids	- -	1.45	1.42	1.42	1.42	1.49	1.50	1.49	1.51	1.52
Electricity	28.81	25.27	25.95	26.56	26.34	27.17	28.78	27.28	29.87	31.85
Non-Renewable Energy Expenditures by Sector (billion 2008 dollars)										
Residential	254.66	223.63	230.89	238.11	242.49	258.70	283.44	258.49	301.11	342.71
Commercial	191.19	169.37	176.90	184.32	195.16	210.07	232.66	224.19	261.07	297.41
Industrial	244.81	196.86	213.14	231.17	206.90	241.75	286.98	202.88	267.18	339.55
Transportation	705.86	629.34	655.77	684.37	717.69	782.71	870.40	782.63	908.01	1057.29
Total Non-Renewable Expenditures	1396.52	1219.20	1276.69	1337.96	1362.23	1493.23	1673.48	1468.19	1737.37	2036.96
Transportation Renewable Expenditures	0.17	1.74	0.21	0.20	12.40	15.06	13.26	38.59	56.42	86.21
Total Expenditures	**1396.69**	**1220.94**	**1276.90**	**1338.17**	**1374.64**	**1508.29**	**1686.74**	**1506.79**	**1793.79**	**2123.18**

Table B3. Energy Prices by Sector and Source (Continued)
(Nominal Dollars per Million Btu, Unless Otherwise Noted)

Sector and Source	2008	Projections								
		2015			2025			2035		
		Low Economic Growth	Reference	High Economic Growth	Low Economic Growth	Reference	High Economic Growth	Low Economic Growth	Reference	High Economic Growth
Residential										
Liquefied Petroleum Gases	29.35	32.04	31.23	30.13	46.47	42.82	39.03	66.34	58.23	50.48
Distillate Fuel Oil	24.47	23.91	23.49	23.16	36.99	34.24	31.74	52.63	48.16	43.46
Natural Gas	13.48	13.06	12.88	12.51	18.34	16.68	15.81	25.59	24.20	21.52
Electricity	33.29	35.50	35.02	34.16	47.27	43.78	41.04	62.60	58.33	51.87
Commercial										
Liquefied Petroleum Gases	26.15	28.28	27.61	26.67	41.54	38.35	35.05	59.90	52.64	45.75
Distillate Fuel Oil	21.50	21.18	20.86	20.54	33.17	30.83	28.66	47.74	43.92	39.91
Residual Fuel Oil	15.52	14.93	14.63	14.19	24.05	22.45	20.48	36.14	31.66	27.12
Natural Gas	11.94	11.23	11.14	10.87	15.80	14.53	13.95	22.04	21.27	19.19
Electricity	30.47	29.66	29.58	29.08	40.13	37.62	35.68	53.53	51.04	46.14
Industrial[1]										
Liquefied Petroleum Gases	24.20	25.53	25.06	24.37	38.30	35.45	32.47	55.21	49.15	42.76
Distillate Fuel Oil	22.31	21.51	21.18	20.78	33.53	31.18	28.96	48.39	44.51	40.57
Residual Fuel Oil	16.31	18.77	18.35	17.77	28.07	26.10	24.08	41.27	36.50	32.32
Natural Gas[2]	9.11	7.18	7.18	7.04	10.39	9.52	9.36	14.74	14.67	13.38
Metallurgical Coal	4.49	5.84	5.66	5.43	7.87	7.11	6.32	9.66	8.50	7.39
Other Industrial Coal	2.84	3.08	3.00	2.87	3.91	3.56	3.21	5.17	4.55	3.94
Coal to Liquids	- -	1.67	1.58	1.51	2.14	2.02	1.80	2.91	2.53	2.13
Electricity	20.21	19.40	19.36	19.06	26.78	25.11	23.96	35.68	34.80	31.65
Transportation										
Liquefied Petroleum Gases[3]	29.93	31.86	31.07	30.00	46.17	42.56	38.81	65.83	57.77	50.10
E85[4]	26.93	27.72	28.47	27.49	42.68	39.17	36.02	60.03	54.17	47.52
Motor Gasoline[5]	26.76	29.07	28.27	27.19	42.55	39.18	35.99	60.02	54.33	48.37
Jet Fuel[6]	22.71	21.56	21.21	20.71	33.43	31.10	28.88	48.65	44.51	40.24
Diesel Fuel (distillate fuel oil)[7]	27.65	25.99	25.56	24.99	38.83	36.13	33.54	54.87	50.35	45.75
Residual Fuel Oil	14.49	15.42	15.13	14.52	23.05	21.63	20.19	34.95	31.26	27.96
Natural Gas[8]	15.96	15.09	14.90	14.52	19.83	18.23	17.39	26.07	24.84	22.32
Electricity	33.73	32.33	32.08	31.22	41.60	38.86	38.92	57.16	55.89	52.38
Electric Power[9]										
Distillate Fuel Oil	19.37	19.64	19.35	19.16	31.18	28.98	27.02	45.05	41.52	37.79
Residual Fuel Oil	14.56	17.68	17.30	16.71	26.51	24.83	23.11	39.64	35.49	31.65
Natural Gas	9.09	6.75	6.77	6.66	10.00	9.17	9.05	14.16	14.22	12.93
Steam Coal	2.05	2.30	2.24	2.15	2.95	2.69	2.44	3.96	3.51	3.04

Table B3. Energy Prices by Sector and Source (Continued)
(Nominal Dollars per Million Btu, Unless Otherwise Noted)

Sector and Source	2008	Projections								
		2015			2025			2035		
		Low Economic Growth	Reference	High Economic Growth	Low Economic Growth	Reference	High Economic Growth	Low Economic Growth	Reference	High Economic Growth
Average Price to All Users[10]										
Liquefied Petroleum Gases	20.19	23.16	22.62	21.86	34.43	31.68	28.91	50.79	44.32	38.35
E85[4]	26.93	27.72	28.47	27.49	42.68	39.17	36.02	60.03	54.17	47.52
Motor Gasoline[5]	26.54	29.06	28.27	27.18	42.55	39.17	35.98	60.01	54.32	48.36
Jet Fuel	22.71	21.56	21.21	20.71	33.43	31.10	28.88	48.65	44.51	40.24
Distillate Fuel Oil	26.27	24.95	24.55	24.04	37.74	35.14	32.64	53.67	49.31	44.87
Residual Fuel Oil	14.77	16.20	15.89	15.31	24.31	22.80	21.25	36.56	32.70	29.18
Natural Gas	10.53	9.13	9.07	8.85	13.07	11.88	11.42	18.28	17.71	15.93
Metallurgical Coal	4.49	5.84	5.66	5.43	7.87	7.11	6.32	9.66	8.50	7.39
Other Coal	2.10	2.34	2.28	2.19	3.00	2.74	2.48	4.02	3.56	3.08
Coal to Liquids	- -	1.67	1.58	1.51	2.14	2.02	1.80	2.91	2.53	2.13
Electricity	28.81	29.23	28.92	28.25	39.74	36.87	34.67	53.36	50.19	44.85
Non-Renewable Energy Expenditures by Sector (billion nominal dollars)										
Residential	254.66	258.67	257.29	253.23	365.80	351.09	341.43	505.59	506.03	482.60
Commercial	191.19	195.92	197.13	196.02	294.40	285.09	280.27	438.51	438.74	418.80
Industrial	244.81	227.71	237.51	245.85	312.11	328.09	345.70	396.82	449.00	478.16
Transportation	705.86	727.96	730.78	727.84	1082.64	1062.24	1048.50	1530.76	1525.95	1488.86
Total Non-Renewable Expenditures	1396.52	1410.26	1422.72	1422.95	2054.95	2026.51	2015.90	2871.68	2919.72	2868.42
Transportation Renewable Expenditures	0.17	2.01	0.24	0.22	18.71	20.44	15.97	75.49	94.81	121.41
Total Expenditures	**1396.69**	**1412.27**	**1422.95**	**1423.17**	**2073.65**	**2046.94**	**2031.87**	**2947.17**	**3014.53**	**2989.83**

[1]Includes energy for combined heat and power plants, except those whose primary business is to sell electricity, or electricity and heat, to the public.
[2]Excludes use for lease and plant fuel.
[3]Includes Federal and State taxes while excluding county and local taxes.
[4]E85 refers to a blend of 85 percent ethanol (renewable) and 15 percent motor gasoline (nonrenewable). To address cold starting issues, the percentage of ethanol varies seasonally. The annual average ethanol content of 74 percent is used for this forecast.
[5]Sales weighted-average price for all grades. Includes Federal, State and local taxes.
[6]Kerosene-type jet fuel. Includes Federal and State taxes while excluding county and local taxes.
[7]Diesel fuel for on-road use. Includes Federal and State taxes while excluding county and local taxes.
[8]Compressed natural gas used as a vehicle fuel. Includes estimated motor vehicle fuel taxes and estimated dispensing costs or charges.
[9]Includes electricity-only and combined heat and power plants whose primary business is to sell electricity, or electricity and heat, to the public.
[10]Weighted averages of end-use fuel prices are derived from the prices shown in each sector and the corresponding sectoral consumption.
Btu = British thermal unit.
- - = Not applicable.
Note: Data for 2008 are model results and may differ slightly from official EIA data reports.
Sources: 2008 prices for motor gasoline, distillate fuel oil, and jet fuel are based on prices in the Energy Information Administration (EIA), *Petroleum Marketing Annual 2008*, DOE/EIA-0487(2008) (Washington, DC, August 2009). 2008 residential and commercial natural gas delivered prices: EIA, *Natural Gas Monthly*, DOE/EIA-0130(2009/07) (Washington, DC, July 2009). 2008 industrial natural gas delivered prices are estimated based on: EIA, *Manufacturing Energy Consumption Survey* and industrial and wellhead prices from the *Natural Gas Annual 2007*, DOE/EIA-0131(2007) (Washington, DC, January 2009) and the *Natural Gas Monthly*, DOE/EIA-0130(2009/07) (Washington, DC, July 2009). 2008 transportation sector natural gas delivered prices are model results. 2008 electric power sector natural gas prices: EIA, *Electric Power Monthly*, DOE/EIA-0226, April 2008 and April 2009, Table 4.13.B. 2008 coal prices based on: EIA, *Quarterly Coal Report, October-December 2008*, DOE/EIA-0121(2008/4Q) (Washington, DC, March 2009) and EIA, AEO2010 National Energy Modeling System run AEO2010R.D111809A. 2008 electricity prices: EIA, *Annual Energy Review 2008*, DOE/EIA-0384(2008) (Washington, DC, June 2009). 2008 E85 prices derived from monthly prices in the Clean Cities Alternative Fuel Price Report.
Projections: EIA, AEO2010 National Energy Modeling System runs LM2010.D011110A, AEO2010R.D111809A, and HM2010.D020310A.

Table B4. Macroeconomic Indicators
(Billion 2000 Chain-Weighted Dollars, Unless Otherwise Noted)

Indicators	2008	Projections								
		2015			2025			2035		
		Low Economic Growth	Reference	High Economic Growth	Low Economic Growth	Reference	High Economic Growth	Low Economic Growth	Reference	High Economic Growth
Real Gross Domestic Product	**11652**	**12563**	**13289**	**14084**	**15802**	**17561**	**19425**	**18820**	**22362**	**25918**
Components of Real Gross Domestic Product										
Real Consumption	8272	8901	9343	9832	11292	12348	13464	13708	15932	18176
Real Investment	1689	1911	2178	2444	2507	2988	3502	3274	4104	4819
Real Government Spending	2070	2012	2085	2173	2128	2319	2524	2190	2569	2969
Real Exports	1514	1933	2000	2087	3230	3773	4369	5219	6211	7241
Real Imports	1904	2147	2240	2320	3381	3574	3732	5546	5881	6120
Energy Intensity (thousand Btu per 2000 dollar of GDP)										
Delivered Energy	6.23	5.68	5.52	5.37	4.59	4.43	4.27	3.91	3.68	3.54
Total Energy	8.59	7.88	7.65	7.46	6.41	6.16	5.94	5.51	5.12	4.89
Price Indices										
GDP Chain-Type Price Index (2000=1.000)	1.225	1.417	1.365	1.303	1.848	1.662	1.476	2.396	2.059	1.725
Consumer Price Index (1982-4=1)										
All-urban	2.15	2.52	2.43	2.32	3.41	3.07	2.73	4.54	3.92	3.31
Energy Commodities and Services	2.36	2.46	2.41	2.33	3.51	3.23	3.00	4.87	4.46	3.95
Wholesale Price Index (1982=1.00)										
All Commodities	1.90	2.02	1.93	1.83	2.55	2.24	1.95	3.13	2.62	2.11
Fuel and Power	2.14	2.08	2.04	1.98	3.01	2.76	2.59	4.24	3.92	3.50
Metals and Metal Products	2.13	2.26	2.19	2.10	2.61	2.36	2.11	2.82	2.45	2.08
Interest Rates (percent, nominal)										
Federal Funds Rate	1.93	5.32	4.72	4.15	5.79	5.07	4.44	5.94	5.19	4.48
10-Year Treasury Note	3.67	6.06	5.44	4.81	6.61	5.84	5.18	6.62	5.89	5.26
AA Utility Bond Rate	6.19	7.74	7.22	6.69	8.59	7.79	7.08	9.20	8.30	7.39
Value of Shipments (billion 2000 dollars)										
Service Sectors	18812	20075	20956	22027	24883	27205	29753	31251	36289	41680
Total Industrial	5408	5673	6044	6444	6118	6997	7922	6252	7786	9397
Non-manufacturing	1394	1403	1547	1703	1438	1673	1909	1463	1776	2048
Manufacturing	4014	4269	4497	4741	4681	5324	6013	4788	6010	7348
Energy-Intensive	1230	1258	1315	1382	1332	1467	1611	1318	1542	1777
Non-Energy Intensive	2784	3011	3182	3360	3349	3856	4402	3470	4468	5571
Total Shipments	**24220**	**25747**	**27001**	**28471**	**31002**	**34202**	**37675**	**37503**	**44074**	**51077**
Population and Employment (millions)										
Population with Armed Forces Overseas	305.4	322.1	326.7	333.3	340.1	358.6	380.3	352.4	390.7	433.3
Population, aged 16 and over	240.0	253.5	257.4	262.5	271.6	283.6	297.7	285.7	310.7	338.7
Population, over age 65	38.8	46.7	47.0	47.5	62.8	64.2	65.8	74.6	77.7	81.2
Employment, Nonfarm	137.0	133.0	142.5	152.5	146.2	157.4	169.2	153.9	171.4	189.4
Employment, Manufacturing	13.4	11.8	12.2	12.4	10.8	11.3	11.8	11.7	12.8	13.9
Key Labor Indicators										
Labor Force (millions)	154.3	158.4	161.4	165.6	164.1	171.4	179.3	173.7	183.4	193.4
Non-farm Labor Productivity (1992=1.00)	1.41	1.53	1.57	1.63	1.81	1.96	2.12	2.10	2.39	2.69
Unemployment Rate (percent)	5.81	7.47	7.32	7.15	5.52	5.31	5.15	5.63	5.49	5.30
Key Indicators for Energy Demand										
Real Disposable Personal Income	8753	9644	10091	10598	12981	13974	15017	16133	18168	20195
Housing Starts (millions)	0.98	1.54	1.88	2.25	1.40	1.89	2.40	1.07	1.70	2.24
Commercial Floorspace (billion square feet)	78.8	83.3	85.1	87.1	92.1	97.5	103.1	101.6	110.5	120.0
Unit Sales of Light-Duty Vehicles (millions)	13.13	16.44	17.25	18.40	16.13	17.92	19.87	17.39	20.09	22.94

GDP = Gross domestic product.
Btu = British thermal unit.
Sources: 2008: IHS Global Insight Industry and Employment models, August 2009. **Projections:** Energy Information Administration, AEO2010 National Energy Modeling System runs LM2010.D011110A, AEO2010R.D111809A, and HM2010.D020310A.