

Economic Growth Case Comparisons

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

Supply, Disposition, and Prices	2007	Projections								
		2010			2020			2030		
		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	10.73	12.19	12.19	12.19	13.81	14.06	14.14	15.51	15.96	16.30
Natural Gas Plant Liquids	2.41	2.55	2.58	2.60	2.46	2.57	2.66	2.45	2.61	2.74
Dry Natural Gas	19.84	20.71	20.95	21.11	21.09	22.08	22.86	22.96	24.26	25.41
Coal ¹	23.50	24.20	24.21	24.22	23.92	24.43	24.81	25.21	26.93	28.52
Nuclear Power	8.41	8.45	8.45	8.45	8.77	8.99	9.27	8.53	9.47	10.67
Hydropower	2.46	2.67	2.67	2.67	2.94	2.95	2.97	2.96	2.97	2.98
Biomass ²	3.23	4.15	4.20	4.23	6.30	6.52	6.70	7.85	8.25	9.16
Other Renewable Energy ³	0.97	1.52	1.54	1.81	1.65	1.74	2.05	2.04	2.19	2.71
Other ⁴	0.94	0.84	0.85	0.84	0.99	1.07	1.20	1.00	1.15	1.37
Total	72.49	77.27	77.64	78.10	81.93	84.41	86.67	88.52	93.79	99.85
Imports										
Crude Oil	21.90	17.49	17.76	18.11	15.20	16.09	17.61	13.05	15.39	17.65
Liquid Fuels and Other Petroleum ⁵	6.97	5.51	5.59	5.68	5.07	5.67	6.10	5.40	6.33	7.05
Natural Gas	4.72	3.22	3.27	3.32	3.18	3.37	3.63	2.30	2.58	3.03
Other Imports ⁶	0.99	0.89	0.89	0.89	1.09	1.19	1.20	1.14	1.35	1.45
Total	34.59	27.11	27.51	28.00	24.54	26.31	28.55	21.89	25.65	29.18
Exports										
Petroleum ⁷	2.84	2.51	2.56	2.56	2.86	2.90	2.93	3.12	3.17	3.19
Natural Gas	0.83	0.70	0.70	0.70	1.47	1.44	1.41	1.98	1.87	1.79
Coal	1.51	2.05	2.05	2.05	1.35	1.33	1.33	1.16	1.08	1.07
Total	5.17	5.26	5.31	5.31	5.68	5.66	5.68	6.27	6.12	6.06
Discrepancy⁸	0.01	-0.03	-0.02	0.09	-0.28	-0.39	-0.51	-0.06	-0.25	-0.41
Consumption										
Liquid Fuels and Other Petroleum ⁹	40.75	37.55	37.89	38.36	36.94	38.93	41.27	37.42	41.60	45.63
Natural Gas	23.70	22.90	23.20	23.28	22.88	24.09	25.16	23.35	25.04	26.71
Coal ¹⁰	22.74	22.90	22.91	22.92	23.37	23.98	24.35	24.63	26.56	28.23
Nuclear Power	8.41	8.45	8.45	8.45	8.77	8.99	9.27	8.53	9.47	10.67
Hydropower	2.46	2.67	2.67	2.67	2.94	2.95	2.97	2.96	2.97	2.98
Biomass ¹¹	2.62	2.95	2.99	3.01	4.35	4.58	4.77	5.12	5.51	6.20
Other Renewable Energy ³	0.97	1.52	1.54	1.81	1.65	1.74	2.05	2.04	2.19	2.71
Other ¹²	0.23	0.21	0.21	0.21	0.17	0.19	0.21	0.15	0.22	0.25
Total	101.89	99.15	99.85	100.70	101.07	105.44	110.06	104.20	113.56	123.38
Prices (2007 dollars per unit)										
Petroleum (dollars per barrel)										
Imported Low Sulfur Light Crude Oil Price ¹³	72.33	77.68	80.16	78.55	113.36	115.45	116.49	127.30	130.43	135.72
Imported Crude Oil Price ¹³	63.83	74.76	77.56	75.89	106.41	112.05	113.50	116.58	124.60	131.46
Natural Gas (dollars per million Btu)										
Price at Henry Hub	6.96	6.47	6.66	6.71	6.84	7.43	7.84	8.72	9.25	9.58
Wellhead Price ¹⁴	6.22	5.72	5.88	5.93	6.04	6.56	6.93	7.70	8.17	8.46
Natural Gas (dollars per thousand cubic feet)										
Wellhead Price ¹⁴	6.39	5.88	6.05	6.10	6.21	6.75	7.12	7.92	8.40	8.70
Coal (dollars per ton)										
Minemouth Price ¹⁵	25.82	29.40	29.45	29.61	27.56	27.90	28.25	27.73	29.10	30.12
Coal (dollars per million Btu)										
Minemouth Price ¹⁵	1.27	1.44	1.44	1.45	1.37	1.39	1.41	1.39	1.46	1.51
Average Delivered Price ¹⁶	1.86	1.98	1.99	1.99	1.96	1.99	2.02	2.01	2.08	2.15
Average Electricity Price (cents per kilowatthour)										
	9.1	8.9	9.0	9.1	8.9	9.4	9.9	9.7	10.4	10.8

Economic Growth Case Comparisons

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

Supply, Disposition, and Prices	2007	Projections								
		2010			2020			2030		
		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	72.33	82.74	84.42	81.67	158.08	149.14	138.14	209.06	189.10	170.81
Imported Crude Oil Price ¹³	63.83	79.63	81.69	78.91	148.39	144.74	134.60	191.46	180.66	165.45
Natural Gas (dollars per million Btu)										
Price at Henry Hub	6.96	6.89	7.01	6.98	9.54	9.60	9.30	14.32	13.42	12.06
Wellhead Price ¹⁴	6.22	6.09	6.19	6.17	8.43	8.48	8.21	12.65	11.85	10.65
Natural Gas (dollars per thousand cubic feet)										
Wellhead Price ¹⁴	6.39	6.26	6.37	6.34	8.66	8.72	8.44	13.00	12.18	10.95
Coal (dollars per ton)										
Minemouth Price ¹⁵	25.82	31.31	31.02	30.79	38.44	36.04	33.50	45.55	42.20	37.91
Coal (dollars per million Btu)										
Minemouth Price ¹⁵	1.27	1.53	1.52	1.51	1.91	1.80	1.67	2.28	2.11	1.90
Average Delivered Price ¹⁶	1.86	2.11	2.10	2.07	2.73	2.57	2.39	3.31	3.01	2.71
Average Electricity Price (cents per kilowatthour)										
	9.1	9.5	9.5	9.4	12.4	12.2	11.8	16.0	15.1	13.7

¹Includes waste coal.

²Includes grid-connected electricity from wood and waste; biomass, such as corn, used for liquid fuels production; and non-electric energy demand from wood. Refer to Table A17 for details.

³Includes 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.

⁴Includes non-biogenic municipal waste, liquid hydrogen, methanol, and some domestic inputs to refineries.

⁵Includes imports of finished petroleum products, unfinished oils, alcohols, ethers, blending components, and renewable fuels such as ethanol.

⁶Includes coal, coal coke (net), and electricity (net).

⁷Includes crude oil and petroleum products.

⁸Balancing item. Includes unaccounted for supply, losses, gains, and net storage withdrawals.

⁹Includes 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, crude oil consumed as a fuel, and liquid hydrogen. Refer to Table A17 for detailed renewable liquid fuels consumption.

¹⁰Excludes coal converted to coal-based synthetic liquids.

¹¹Includes 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.

¹²Includes non-biogenic municipal waste and net electricity imports.

¹³Weighted average price delivered to U.S. refiners.

¹⁴Represents lower 48 onshore and offshore supplies.

¹⁵Includes reported prices for both open market and captive mines.

¹⁶Prices 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 2007 are model results and may differ slightly from official EIA data reports.

Sources: 2007 natural gas supply values and natural gas wellhead price: EIA, *Natural Gas Monthly*, DOE/EIA-0130(2008/08) (Washington, DC, August 2008). 2007 coal minemouth and delivered coal prices: EIA, *Annual Coal Report 2007*, DOE/EIA-0584(2007) (Washington, DC, September 2008). 2007 petroleum supply values: EIA, *Petroleum Supply Annual 2007*, DOE/EIA-0340(2007)/1 (Washington, DC, July 2008). 2007 low sulfur light crude oil price: EIA, Form EIA-856, "Monthly Foreign Crude Oil Acquisition Report." Other 2007 coal values: *Quarterly Coal Report, October-December 2007*, DOE/EIA-0121(2007/4Q) (Washington, DC, March 2008). Other 2007 values: EIA, *Annual Energy Review 2007*, DOE/EIA-0384(2007) (Washington, DC, June 2008). Projections: EIA, AEO2009 National Energy Modeling System runs LM2009.D120908A, AEO2009.D120908A, and HM2009.D120908A.

Economic Growth Case Comparisons

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

Sector and Source	2007	Projections								
		2010			2020			2030		
		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	0.50	0.49	0.49	0.49	0.48	0.49	0.51	0.49	0.52	0.54
Kerosene	0.08	0.08	0.08	0.08	0.07	0.07	0.07	0.07	0.07	0.07
Distillate Fuel Oil	0.78	0.72	0.72	0.72	0.60	0.60	0.60	0.51	0.51	0.51
Liquid Fuels and Other Petroleum Subtotal	1.35	1.29	1.29	1.29	1.15	1.16	1.18	1.07	1.10	1.13
Natural Gas	4.86	4.92	4.92	4.92	5.03	5.10	5.18	4.86	5.07	5.30
Coal	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Renewable Energy ¹	0.43	0.43	0.43	0.43	0.47	0.48	0.49	0.48	0.50	0.53
Electricity	4.75	4.78	4.80	4.81	4.98	5.12	5.25	5.34	5.69	6.07
Delivered Energy	11.40	11.43	11.44	11.46	11.63	11.86	12.11	11.75	12.36	13.03
Electricity Related Losses	10.36	10.42	10.44	10.49	10.57	10.81	11.04	11.10	11.69	12.29
Total	21.76	21.85	21.88	21.95	22.20	22.67	23.15	22.85	24.05	25.32
Commercial										
Liquefied Petroleum Gases	0.09	0.09	0.09	0.09	0.10	0.10	0.10	0.10	0.10	0.10
Motor Gasoline ²	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Kerosene	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Distillate Fuel Oil	0.41	0.36	0.36	0.36	0.34	0.34	0.35	0.34	0.34	0.35
Residual Fuel Oil	0.08	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.08	0.08
Liquid Fuels and Other Petroleum Subtotal	0.63	0.58	0.58	0.58	0.58	0.58	0.59	0.58	0.59	0.60
Natural Gas	3.10	3.14	3.14	3.14	3.30	3.34	3.40	3.40	3.54	3.70
Coal	0.07	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
Renewable Energy ³	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
Electricity	4.58	4.74	4.75	4.76	5.42	5.57	5.72	6.01	6.31	6.66
Delivered Energy	8.50	8.65	8.66	8.67	9.48	9.69	9.90	10.18	10.62	11.14
Electricity Related Losses	9.99	10.34	10.35	10.38	11.50	11.77	12.02	12.51	12.96	13.49
Total	18.49	18.99	19.01	19.05	20.99	21.46	21.92	22.69	23.59	24.64
Industrial⁴										
Liquefied Petroleum Gases	2.35	1.93	2.02	2.12	1.57	1.79	2.03	1.32	1.66	2.04
Motor Gasoline ²	0.36	0.34	0.34	0.35	0.31	0.34	0.37	0.31	0.36	0.40
Distillate Fuel Oil	1.28	1.15	1.17	1.19	1.08	1.18	1.28	1.08	1.23	1.39
Residual Fuel Oil	0.25	0.15	0.15	0.15	0.15	0.16	0.17	0.14	0.16	0.18
Petrochemical Feedstocks	1.30	0.98	1.01	1.03	0.98	1.13	1.29	0.81	1.05	1.33
Other Petroleum ⁵	4.42	3.75	3.74	3.78	3.57	3.72	4.06	3.46	3.84	4.21
Liquid Fuels and Other Petroleum Subtotal	9.96	8.30	8.42	8.62	7.66	8.32	9.21	7.12	8.30	9.55
Natural Gas	6.82	6.59	6.77	6.88	6.32	6.84	7.27	6.05	7.04	8.16
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	1.20	1.26	1.27	1.28	1.29	1.33	1.37	1.41	1.47	1.51
Natural Gas Subtotal	8.02	7.85	8.05	8.16	7.61	8.17	8.64	7.45	8.51	9.67
Metallurgical Coal	0.60	0.55	0.55	0.56	0.45	0.49	0.53	0.38	0.48	0.57
Other Industrial Coal	1.21	1.23	1.24	1.24	1.11	1.15	1.19	1.08	1.16	1.23
Coal-to-Liquids Heat and Power	0.00	0.00	0.00	0.00	0.24	0.24	0.24	0.58	0.58	0.59
Net Coal Coke Imports	0.03	0.01	0.01	0.01	0.00	0.01	0.01	0.00	0.01	0.02
Coal Subtotal	1.83	1.79	1.80	1.81	1.81	1.89	1.98	2.05	2.23	2.42
Biofuels Heat and Coproducts	0.40	0.74	0.75	0.75	1.24	1.23	1.22	1.66	1.66	1.92
Renewable Energy ⁷	1.64	1.46	1.48	1.50	1.52	1.64	1.76	1.69	1.96	2.24
Electricity	3.43	3.31	3.34	3.37	3.26	3.48	3.71	3.13	3.67	4.23
Delivered Energy	25.29	23.46	23.83	24.23	23.09	24.73	26.52	23.10	26.33	30.03
Electricity Related Losses	7.49	7.22	7.27	7.35	6.92	7.36	7.80	6.51	7.55	8.57
Total	32.77	30.68	31.10	31.58	30.01	32.09	34.33	29.61	33.87	38.60

Economic Growth Case Comparisons

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

Sector and Source	2007	Projections								
		2010			2020			2030		
		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	0.01	0.01	0.01	0.01	0.01	0.02	0.01	0.02	0.02
E85 ⁸	0.00	0.00	0.00	0.00	0.94	0.85	0.75	2.11	2.18	2.38
Motor Gasoline ²	17.29	16.85	16.93	17.05	14.86	15.56	16.35	13.30	14.49	15.33
Jet Fuel ⁹	3.23	2.96	3.00	3.05	3.28	3.42	3.57	3.78	4.12	4.40
Distillate Fuel Oil ¹⁰	6.48	6.04	6.13	6.23	6.82	7.36	7.94	7.78	9.09	10.47
Residual Fuel Oil	0.95	0.85	0.86	0.86	0.97	0.98	0.98	0.98	1.00	1.02
Liquid Hydrogen	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Petroleum ¹¹	0.17	0.17	0.17	0.17	0.17	0.18	0.18	0.18	0.18	0.19
Liquid Fuels and Other Petroleum Subtotal	28.14	26.90	27.11	27.38	27.05	28.36	29.78	28.15	31.09	33.81
Pipeline Fuel Natural Gas	0.64	0.63	0.64	0.65	0.67	0.69	0.71	0.69	0.72	0.75
Compressed Natural Gas	0.02	0.03	0.03	0.03	0.06	0.07	0.07	0.07	0.09	0.10
Electricity	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.05	0.05	0.05
Delivered Energy	28.82	27.59	27.81	28.08	27.81	29.15	30.59	28.95	31.94	34.72
Electricity Related Losses	0.05	0.05	0.05	0.05	0.07	0.07	0.07	0.10	0.10	0.11
Total	28.87	27.64	27.86	28.13	27.88	29.22	30.67	29.05	32.05	34.83
Delivered Energy Consumption for All Sectors										
Liquefied Petroleum Gases	2.95	2.52	2.61	2.72	2.16	2.39	2.65	1.92	2.29	2.70
E85 ⁸	0.00	0.00	0.00	0.00	0.94	0.85	0.75	2.11	2.18	2.38
Motor Gasoline ²	17.70	17.24	17.33	17.44	15.22	15.95	16.77	13.66	14.90	15.79
Jet Fuel ⁹	3.23	2.96	3.00	3.05	3.28	3.42	3.57	3.78	4.12	4.40
Kerosene	0.11	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
Distillate Fuel Oil	8.94	8.27	8.38	8.50	8.84	9.49	10.17	9.70	11.17	12.71
Residual Fuel Oil	1.28	1.07	1.07	1.08	1.20	1.22	1.24	1.21	1.25	1.28
Petrochemical Feedstocks	1.30	0.98	1.01	1.03	0.98	1.13	1.29	0.81	1.05	1.33
Liquid Hydrogen	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Petroleum ¹²	4.57	3.90	3.89	3.93	3.73	3.89	4.23	3.62	4.01	4.38
Liquid Fuels and Other Petroleum Subtotal	40.08	37.06	37.40	37.87	36.44	38.42	40.76	36.91	41.07	45.09
Natural Gas	14.79	14.69	14.86	14.98	14.70	15.34	15.92	14.38	15.73	17.25
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	1.20	1.26	1.27	1.28	1.29	1.33	1.37	1.41	1.47	1.51
Pipeline Natural Gas	0.64	0.63	0.64	0.65	0.67	0.69	0.71	0.69	0.72	0.75
Natural Gas Subtotal	16.64	16.58	16.78	16.90	16.66	17.36	18.00	16.47	17.92	19.52
Metallurgical Coal	0.60	0.55	0.55	0.56	0.45	0.49	0.53	0.38	0.48	0.57
Other Coal	1.28	1.30	1.31	1.32	1.18	1.22	1.27	1.15	1.23	1.31
Coal-to-Liquids Heat and Power	0.00	0.00	0.00	0.00	0.24	0.24	0.24	0.58	0.58	0.59
Net Coal Coke Imports	0.03	0.01	0.01	0.01	0.00	0.01	0.01	0.00	0.01	0.02
Coal Subtotal	1.91	1.86	1.87	1.89	1.88	1.97	2.05	2.12	2.30	2.49
Biofuels Heat and Coproducts	0.40	0.74	0.75	0.75	1.24	1.23	1.22	1.66	1.66	1.92
Renewable Energy ¹³	2.19	2.01	2.03	2.05	2.12	2.24	2.38	2.30	2.58	2.89
Electricity	12.79	12.86	12.91	12.98	13.68	14.20	14.72	14.53	15.73	17.01
Delivered Energy	74.01	71.13	71.74	72.44	72.01	75.42	79.12	73.99	81.26	88.92
Electricity Related Losses	27.88	28.03	28.11	28.26	29.06	30.02	30.93	30.21	32.30	34.47
Total	101.89	99.15	99.85	100.70	101.07	105.44	110.06	104.20	113.56	123.38
Electric Power¹⁴										
Distillate Fuel Oil	0.11	0.11	0.11	0.11	0.12	0.12	0.12	0.12	0.13	0.13
Residual Fuel Oil	0.56	0.38	0.38	0.38	0.38	0.39	0.39	0.39	0.40	0.41
Liquid Fuels and Other Petroleum Subtotal	0.67	0.49	0.49	0.49	0.50	0.51	0.51	0.51	0.53	0.54
Natural Gas	7.06	6.32	6.42	6.38	6.22	6.73	7.16	6.87	7.12	7.20
Steam Coal	20.84	21.04	21.03	21.03	21.49	22.01	22.30	22.51	24.25	25.74
Nuclear Power	8.41	8.45	8.45	8.45	8.77	8.99	9.27	8.53	9.47	10.67
Renewable Energy ¹⁵	3.45	4.38	4.42	4.68	5.59	5.79	6.20	6.17	6.43	7.08
Electricity Imports	0.11	0.08	0.08	0.08	0.04	0.06	0.08	0.02	0.10	0.13
Total¹⁶	40.67	40.89	41.02	41.24	42.74	44.22	45.65	44.74	48.03	51.48

Economic Growth Case Comparisons

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

Sector and Source	2007	Projections								
		2010			2020			2030		
		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	2.95	2.52	2.61	2.72	2.16	2.39	2.65	1.92	2.29	2.70
E85 ⁸	0.00	0.00	0.00	0.00	0.94	0.85	0.75	2.11	2.18	2.38
Motor Gasoline ²	17.70	17.24	17.33	17.44	15.22	15.95	16.77	13.66	14.90	15.79
Jet Fuel ⁹	3.23	2.96	3.00	3.05	3.28	3.42	3.57	3.78	4.12	4.40
Kerosene	0.11	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
Distillate Fuel Oil	9.05	8.39	8.49	8.62	8.96	9.61	10.29	9.83	11.31	12.85
Residual Fuel Oil	1.84	1.45	1.45	1.46	1.58	1.60	1.63	1.60	1.64	1.69
Petrochemical Feedstocks	1.30	0.98	1.01	1.03	0.98	1.13	1.29	0.81	1.05	1.33
Liquid Hydrogen	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Petroleum ¹²	4.57	3.90	3.89	3.93	3.73	3.89	4.23	3.62	4.01	4.38
Liquid Fuels and Other Petroleum Subtotal	40.75	37.55	37.89	38.36	36.94	38.93	41.27	37.42	41.60	45.63
Natural Gas	21.86	21.01	21.29	21.36	20.92	22.07	23.09	21.25	22.86	24.45
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	1.20	1.26	1.27	1.28	1.29	1.33	1.37	1.41	1.47	1.51
Pipeline Natural Gas	0.64	0.63	0.64	0.65	0.67	0.69	0.71	0.69	0.72	0.75
Natural Gas Subtotal	23.70	22.90	23.20	23.28	22.88	24.09	25.16	23.35	25.04	26.71
Metallurgical Coal	0.60	0.55	0.55	0.56	0.45	0.49	0.53	0.38	0.48	0.57
Other Coal	22.12	22.35	22.34	22.35	22.67	23.24	23.57	23.66	25.49	27.04
Coal-to-Liquids Heat and Power	0.00	0.00	0.00	0.00	0.24	0.24	0.24	0.58	0.58	0.59
Net Coal Coke Imports	0.03	0.01	0.01	0.01	0.00	0.01	0.01	0.00	0.01	0.02
Coal Subtotal	22.74	22.90	22.91	22.92	23.37	23.98	24.35	24.63	26.56	28.23
Nuclear Power	8.41	8.45	8.45	8.45	8.77	8.99	9.27	8.53	9.47	10.67
Biofuels Heat and Coproducts	0.40	0.74	0.75	0.75	1.24	1.23	1.22	1.66	1.66	1.92
Renewable Energy ¹⁷	5.65	6.40	6.45	6.74	7.71	8.03	8.57	8.47	9.01	9.97
Electricity Imports	0.11	0.08	0.08	0.08	0.04	0.06	0.08	0.02	0.10	0.13
Total	101.89	99.15	99.85	100.70	101.07	105.44	110.06	104.20	113.56	123.38
Energy Use and Related Statistics										
Delivered Energy Use	74.01	71.13	71.74	72.44	72.01	75.42	79.12	73.99	81.26	88.92
Total Energy Use	101.89	99.15	99.85	100.70	101.07	105.44	110.06	104.20	113.56	123.38
Ethanol Consumed in Motor Gasoline and E85	0.56	1.08	1.08	1.09	1.67	1.66	1.65	2.34	2.47	2.67
Population (millions)	302.41	309.98	311.37	313.17	330.15	342.61	356.39	345.43	375.12	406.67
Gross Domestic Product (billion 2000 dollars)	11524	11453	11779	12114	14327	15524	16726	17351	20114	22875
Carbon Dioxide Emissions (million metric tons)	5990.8	5769.9	5801.4	5831.1	5745.9	5982.3	6209.9	5897.9	6414.4	6885.9

¹Includes 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 solar photovoltaic electricity generation.

²Includes ethanol (blends of 10 percent or less) and ethers blended into gasoline.

³Excludes 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 solar photovoltaic electricity generation.

⁴Includes energy for combined heat and power plants, except those whose primary business is to sell electricity, or electricity and heat, to the public.

⁵Includes petroleum coke, asphalt, road oil, lubricants, still gas, and miscellaneous petroleum products.

⁶Represents natural gas used in well, field, and lease operations, and in natural gas processing plant machinery.

⁷Includes 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.

⁸E85 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.

⁹Includes only kerosene type.

¹⁰Diesel fuel for on- and off- road use.

¹¹Includes aviation gasoline and lubricants.

¹²Includes unfinished oils, natural gasoline, motor gasoline blending components, aviation gasoline, lubricants, still gas, asphalt, road oil, petroleum coke, and miscellaneous petroleum products.

¹³Includes 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.

¹⁴Includes 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.

¹⁵Includes conventional hydroelectric, geothermal, wood and wood waste, biogenic municipal waste, other biomass, wind, photovoltaic, and solar thermal sources. Excludes net electricity imports.

¹⁶Includes non-biogenic municipal waste not included above.

¹⁷Includes 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 2007 are model results and may differ slightly from official EIA data reports.

Sources: 2007 consumption based on: Energy Information Administration (EIA), *Annual Energy Review 2007*, DOE/EIA-0384(2007) (Washington, DC, June 2008). 2007 population and gross domestic product: IHS Global Insight Industry and Employment models, November 2008. 2007 carbon dioxide emissions: EIA, *Emissions of Greenhouse Gases in the United States 2007*, DOE/EIA-0573(2007) (Washington, DC, December 2008). Projections: EIA, AEO2009 National Energy Modeling System runs LM2009.D120908A, AEO2009.D120908A, and HM2009.D120908A.

Economic Growth Case Comparisons

Table B3. Energy Prices by Sector and Source
(2007 Dollars per Million Btu, Unless Otherwise Noted)

Sector and Source	2007	Projections								
		2010			2020			2030		
		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	24.98	25.33	25.86	25.52	31.79	32.88	33.08	33.52	35.11	36.58
Distillate Fuel Oil	19.66	18.23	18.69	18.38	22.98	24.10	24.43	25.16	26.67	28.13
Natural Gas	12.69	11.90	12.09	12.18	11.89	12.50	12.91	13.72	14.31	14.69
Electricity	31.19	30.65	30.89	31.07	31.22	32.72	34.31	33.52	35.84	37.37
Commercial										
Liquefied Petroleum Gases	23.04	22.15	22.69	22.34	28.54	29.60	29.79	30.22	31.77	33.21
Distillate Fuel Oil	16.05	15.68	16.15	15.83	21.04	22.11	22.45	23.07	24.69	26.13
Residual Fuel Oil	10.21	10.52	10.97	10.67	16.20	16.68	16.81	17.64	17.98	18.38
Natural Gas	10.99	10.36	10.55	10.63	10.47	11.13	11.60	12.27	12.96	13.42
Electricity	28.07	27.00	27.29	27.52	26.41	28.15	29.82	28.68	31.01	32.54
Industrial¹										
Liquefied Petroleum Gases	23.38	21.29	21.84	21.48	27.76	28.78	28.95	29.31	30.99	32.44
Distillate Fuel Oil	16.82	15.54	16.01	15.69	21.53	22.56	22.92	23.51	25.19	26.62
Residual Fuel Oil	10.49	14.92	15.38	15.09	20.08	20.94	21.19	21.64	22.73	23.87
Natural Gas ²	7.52	6.76	6.91	6.95	6.95	7.48	7.83	8.62	9.07	9.39
Metallurgical Coal	3.61	4.37	4.37	4.39	4.33	4.40	4.44	4.36	4.41	4.48
Other Industrial Coal	2.43	2.53	2.54	2.54	2.50	2.53	2.57	2.56	2.67	2.76
Coal to Liquids	--	--	--	--	1.23	1.23	1.26	1.48	1.36	1.39
Electricity	18.63	18.51	18.72	18.88	17.78	19.06	20.50	19.62	21.59	22.60
Transportation										
Liquefied Petroleum Gases ³	25.01	25.13	25.67	25.33	31.53	32.62	32.83	33.20	34.77	36.24
E85 ⁴	26.67	24.93	25.47	25.14	28.24	29.30	29.62	28.65	30.10	30.94
Motor Gasoline ⁵	22.98	22.99	23.47	23.17	28.68	29.75	30.14	30.42	32.10	33.71
Jet Fuel ⁶	16.10	15.54	16.03	15.71	21.27	22.15	22.50	23.23	24.63	25.95
Diesel Fuel (distillate fuel oil) ⁷	20.92	19.55	20.05	19.74	24.96	26.04	26.53	26.75	28.59	30.20
Residual Fuel Oil	9.35	11.65	12.10	11.86	16.66	17.46	17.68	18.70	19.65	20.87
Natural Gas ⁸	15.46	14.71	14.90	14.99	14.20	14.90	15.46	15.53	16.24	16.82
Electricity	30.64	29.99	30.34	30.56	27.79	29.48	31.35	31.10	34.15	35.68
Electric Power⁹										
Distillate Fuel Oil	14.77	14.64	15.09	14.79	19.42	20.45	20.78	21.69	23.11	24.53
Residual Fuel Oil	8.38	12.75	13.21	12.94	17.77	18.55	18.79	19.71	20.67	21.81
Natural Gas	7.02	6.40	6.59	6.65	6.59	7.15	7.53	8.23	8.70	9.02
Steam Coal	1.78	1.89	1.89	1.89	1.89	1.92	1.94	1.97	2.04	2.11
Average Price to All Users¹⁰										
Liquefied Petroleum Gases	18.53	20.52	20.96	20.60	26.70	27.56	27.64	28.53	29.77	30.85
E85 ⁴	26.67	24.93	25.47	25.14	28.24	29.30	29.62	28.65	30.10	30.94
Motor Gasoline ⁵	22.82	22.99	23.47	23.17	28.68	29.75	30.14	30.42	32.10	33.70
Jet Fuel	16.10	15.54	16.03	15.71	21.27	22.15	22.50	23.23	24.63	25.95
Distillate Fuel Oil	19.94	18.49	18.98	18.68	24.18	25.28	25.74	26.12	27.94	29.55
Residual Fuel Oil	9.25	12.21	12.66	12.41	17.22	18.03	18.26	19.16	20.12	21.29
Natural Gas	9.01	8.40	8.56	8.62	8.61	9.11	9.46	10.27	10.75	11.07
Metallurgical Coal	3.61	4.37	4.37	4.39	4.33	4.40	4.44	4.36	4.41	4.48
Other Coal	1.82	1.93	1.93	1.93	1.93	1.95	1.98	2.00	2.07	2.14
Coal to Liquids	--	--	--	--	1.23	1.23	1.26	1.48	1.36	1.39
Electricity	26.70	26.18	26.42	26.60	26.11	27.57	29.07	28.52	30.56	31.80
Non-Renewable Energy Expenditures by Sector (billion 2007 dollars)										
Residential	238.38	232.16	235.27	236.76	245.77	263.30	280.31	276.47	310.03	340.96
Commercial	173.09	170.43	172.88	174.43	190.63	207.76	224.08	228.34	256.75	282.60
Industrial	226.84	195.79	204.25	208.24	209.85	242.68	274.85	217.46	276.26	339.95
Transportation	596.75	563.59	580.97	578.11	687.05	752.82	806.73	724.88	853.25	976.29
Total Non-Renewable Expenditures	1235.06	1161.96	1193.36	1197.55	1333.29	1466.55	1585.97	1447.15	1696.29	1939.79
Transportation Renewable Expenditures	0.04	0.06	0.07	0.07	26.65	24.83	22.10	60.50	65.71	73.63
Total Expenditures	1235.10	1162.03	1193.43	1197.61	1359.95	1491.38	1608.07	1507.65	1762.00	2013.43

Economic Growth Case Comparisons

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

Sector and Source	2007	Projections								
		2010			2020			2030		
		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	24.98	26.98	27.24	26.53	44.34	42.47	39.23	55.06	50.90	46.04
Distillate Fuel Oil	19.66	19.42	19.68	19.11	32.05	31.14	28.97	41.32	38.67	35.40
Natural Gas	12.69	12.67	12.74	12.66	16.58	16.14	15.31	22.53	20.75	18.49
Electricity	31.19	32.65	32.53	32.31	43.54	42.26	40.69	55.05	51.96	47.03
Commercial										
Liquefied Petroleum Gases	23.04	23.59	23.89	23.23	39.80	38.24	35.32	49.63	46.06	41.79
Distillate Fuel Oil	16.05	16.70	17.01	16.46	29.35	28.56	26.62	37.88	35.80	32.89
Residual Fuel Oil	10.21	11.20	11.55	11.10	22.59	21.55	19.94	28.97	26.07	23.13
Natural Gas	10.99	11.03	11.11	11.05	14.60	14.37	13.75	20.16	18.78	16.89
Electricity	28.07	28.76	28.74	28.62	36.83	36.37	35.37	47.10	44.96	40.95
Industrial¹										
Liquefied Petroleum Gases	23.38	22.68	23.00	22.34	38.71	37.17	34.32	48.13	44.93	40.82
Distillate Fuel Oil	16.82	16.55	16.86	16.32	30.03	29.14	27.18	38.61	36.52	33.50
Residual Fuel Oil	10.49	15.89	16.20	15.69	28.00	27.05	25.13	35.54	32.95	30.04
Natural Gas ²	7.52	7.20	7.27	7.23	9.70	9.66	9.29	14.15	13.16	11.82
Metallurgical Coal	3.61	4.65	4.60	4.57	6.04	5.69	5.27	7.17	6.40	5.64
Other Industrial Coal	2.43	2.69	2.67	2.64	3.49	3.27	3.04	4.20	3.88	3.47
Coal to Liquids	--	--	--	--	1.72	1.59	1.49	2.44	1.98	1.75
Electricity	18.63	19.72	19.72	19.63	24.79	24.63	24.30	32.22	31.30	28.44
Transportation										
Liquefied Petroleum Gases ³	25.01	26.77	27.04	26.34	43.98	42.13	38.93	54.52	50.41	45.61
E85 ⁴	26.67	26.55	26.83	26.14	39.38	37.85	35.12	47.06	43.63	38.94
Motor Gasoline ⁵	22.98	24.49	24.72	24.09	40.00	38.43	35.75	49.96	46.54	42.42
Jet Fuel ⁶	16.10	16.55	16.89	16.34	29.66	28.62	26.68	38.15	35.70	32.66
Diesel Fuel (distillate fuel oil) ⁷	20.92	20.82	21.12	20.52	34.81	33.63	31.47	43.93	41.44	38.00
Residual Fuel Oil	9.35	12.41	12.74	12.33	23.23	22.56	20.96	30.72	28.49	26.27
Natural Gas ⁸	15.46	15.67	15.69	15.59	19.80	19.24	18.33	25.50	23.55	21.17
Electricity	30.64	31.94	31.95	31.78	38.75	38.09	37.18	51.07	49.51	44.90
Electric Power⁹										
Distillate Fuel Oil	14.77	15.59	15.89	15.38	27.07	26.42	24.64	35.62	33.51	30.87
Residual Fuel Oil	8.38	13.58	13.91	13.46	24.78	23.97	22.28	32.36	29.97	27.44
Natural Gas	7.02	6.82	6.94	6.92	9.19	9.24	8.94	13.51	12.61	11.35
Steam Coal	1.78	2.01	1.99	1.97	2.64	2.48	2.30	3.24	2.95	2.65

Economic Growth Case Comparisons

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

Sector and Source	2007	Projections								
		2010			2020			2030		
		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 Users¹⁰										
Liquefied Petroleum Gases	18.53	21.85	22.07	21.42	37.24	35.61	32.78	46.86	43.16	38.83
E85 ⁴	26.67	26.55	26.83	26.14	39.38	37.85	35.12	47.06	43.63	38.94
Motor Gasoline ⁵	22.82	24.49	24.71	24.09	40.00	38.43	35.74	49.95	46.54	42.42
Jet Fuel	16.10	16.55	16.89	16.34	29.66	28.62	26.68	38.15	35.70	32.66
Distillate Fuel Oil	19.94	19.69	19.99	19.42	33.72	32.65	30.53	42.89	40.51	37.19
Residual Fuel Oil	9.25	13.00	13.34	12.91	24.02	23.29	21.66	31.46	29.16	26.80
Natural Gas	9.01	8.95	9.01	8.96	12.00	11.77	11.22	16.86	15.58	13.93
Metallurgical Coal	3.61	4.65	4.60	4.57	6.04	5.69	5.27	7.17	6.40	5.64
Other Coal	1.82	2.05	2.04	2.01	2.69	2.52	2.34	3.29	3.00	2.69
Coal to Liquids	--	--	--	--	1.72	1.59	1.49	2.44	1.98	1.75
Electricity	26.70	27.88	27.82	27.66	36.41	35.62	34.48	46.83	44.31	40.02
Non-Renewable Energy Expenditures by Sector (billion nominal dollars)										
Residential	238.38	247.28	247.78	246.19	342.73	340.12	332.40	454.04	449.49	429.11
Commercial	173.09	181.52	182.07	181.38	265.84	268.38	265.72	375.00	372.25	355.66
Industrial	226.84	208.54	215.12	216.54	292.64	313.49	325.93	357.14	400.54	427.84
Transportation	596.75	600.28	611.87	601.14	958.10	972.48	956.66	1190.47	1237.08	1228.71
Total Non-Renewable Expenditures	1235.06	1237.62	1256.84	1245.25	1859.30	1894.47	1880.71	2376.64	2459.36	2441.32
Transportation Renewable Expenditures	0.04	0.07	0.07	0.07	37.17	32.08	26.21	99.35	95.27	92.67
Total Expenditures	1235.10	1237.69	1256.91	1245.32	1896.47	1926.55	1906.92	2476.00	2554.63	2533.99

¹Includes energy for combined heat and power plants, except those whose primary business is to sell electricity, or electricity and heat, to the public.

²Excludes use for lease and plant fuel.

³Includes Federal and State taxes while excluding county and local taxes.

⁴E85 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.

⁵Sales weighted-average price for all grades. Includes Federal, State and local taxes.

⁶Kerosene-type jet fuel. Includes Federal and State taxes while excluding county and local taxes.

⁷Diesel fuel for on-road use. Includes Federal and State taxes while excluding county and local taxes.

⁸Compressed natural gas used as a vehicle fuel. Includes estimated motor vehicle fuel taxes and estimated dispensing costs or charges.

⁹Includes electricity-only and combined heat and power plants whose primary business is to sell electricity, or electricity and heat, to the public.

¹⁰Weighted 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 2007 are model results and may differ slightly from official EIA data reports.

Sources: 2007 prices for motor gasoline, distillate fuel oil, and jet fuel are based on prices in the Energy Information Administration (EIA), *Petroleum Marketing Annual 2007*, DOE/EIA-0487(2007) (Washington, DC, August 2008). 2007 residential and commercial natural gas delivered prices: EIA, *Natural Gas Monthly*, DOE/EIA-0130(2008/08) (Washington, DC, August 2008). 2007 industrial natural gas delivered prices are estimated based on: EIA, *Manufacturing Energy Consumption Survey 1994* and industrial and wellhead prices from the *Natural Gas Annual 2006*, DOE/EIA-0131(2006) (Washington, DC, October 2007) and the *Natural Gas Monthly*, DOE/EIA-0130(2008/08) (Washington, DC, August 2008). 2007 transportation sector natural gas delivered prices are model results. 2007 electric power sector natural gas prices: EIA, *Electric Power Monthly*, DOE/EIA-0226, April 2007 and April 2008, Table 4.13.B. 2007 coal prices based on: EIA, *Quarterly Coal Report, October-December 2007*, DOE/EIA-0121(2007/4Q) (Washington, DC, March 2008) and EIA, AEO2009 National Energy Modeling System run AEO2009.D120908A. 2007 electricity prices: EIA, *Annual Energy Review 2007*, DOE/EIA-0384(2007) (Washington, DC, June 2008). 2007 E85 prices derived from monthly prices in the Clean Cities Alternative Fuel Price Report.

Projections: EIA, AEO2009 National Energy Modeling System runs LM2009.D120908A, AEO2009.D120908A, and HM2009.D120908A.

Economic Growth Case Comparisons

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

Indicators	2007	Projections								
		2010			2020			2030		
		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	11524	11453	11779	12114	14327	15524	16726	17351	20114	22875
Components of Real Gross Domestic Product										
Real Consumption	8253	8270	8435	8607	10121	10876	11639	11826	13439	15054
Real Investment	1810	1438	1581	1728	2270	2565	2856	3004	3756	4478
Real Government Spending	2012	2033	2065	2096	2058	2194	2329	2129	2427	2722
Real Exports	1426	1574	1585	1597	2765	3061	3365	4906	5820	6757
Real Imports	1972	1861	1899	1947	2874	3007	3111	4413	4717	4961
Energy Intensity (thousand Btu per 2000 dollar of GDP)										
Delivered Energy	6.42	6.21	6.09	5.98	5.03	4.86	4.73	4.26	4.04	3.89
Total Energy	8.84	8.66	8.48	8.31	7.05	6.79	6.58	6.01	5.65	5.39
Price Indices										
GDP Chain-Type Price Index (2000=1.000) ..	1.198	1.276	1.262	1.246	1.671	1.548	1.421	1.968	1.737	1.508
Consumer Price Index (1982-4=1)										
All-Urban	2.07	2.22	2.20	2.17	3.05	2.83	2.60	3.74	3.31	2.88
Energy Commodities and Services	2.08	2.17	2.18	2.15	3.28	3.16	2.97	4.14	3.87	3.51
Wholesale Price Index (1982=1.00)										
All Commodities	1.73	1.82	1.80	1.76	2.39	2.19	1.98	2.75	2.36	1.99
Fuel and Power	1.77	1.90	1.91	1.88	2.82	2.74	2.60	3.70	3.45	3.14
Metals and Metal Products	1.93	1.84	1.82	1.80	2.37	2.21	2.05	2.50	2.22	1.97
Interest Rates (percent, nominal)										
Federal Funds Rate	5.02	1.36	1.30	1.15	5.72	5.20	4.63	4.49	4.04	3.60
10-Year Treasury Note	4.63	3.89	3.67	3.36	6.43	5.86	5.24	5.19	4.67	4.18
AA Utility Bond Rate	5.94	6.56	6.39	6.12	8.06	7.49	6.86	6.35	5.79	5.24
Value of Shipments (billion 2000 dollars)										
Total Industrial	5750	5069	5240	5418	6132	6753	7383	6923	8451	10032
Non-manufacturing	1490	1196	1277	1361	1411	1603	1795	1498	1780	2057
Manufacturing	4261	3873	3963	4058	4721	5150	5588	5425	6671	7975
Energy-Intensive	1239	1215	1238	1265	1277	1374	1481	1319	1525	1743
Non-Energy Intensive	3022	2658	2725	2793	3444	3776	4106	4106	5145	6232
Population and Employment (millions)										
Population with Armed Forces Overseas	302.4	310.0	311.4	313.2	330.2	342.6	356.4	345.4	375.1	406.7
Population (aged 16 and over)	237.2	243.8	245.2	247.0	261.8	270.4	279.7	278.2	297.6	318.3
Population, over age 65	38.0	40.2	40.4	40.5	54.2	55.0	56.0	69.9	72.3	74.8
Employment, Nonfarm	137.2	130.7	135.6	140.6	141.7	152.6	163.5	153.1	168.3	183.5
Employment, Manufacturing	13.9	12.0	12.2	12.4	11.8	12.3	12.6	10.7	11.7	12.6
Key Labor Indicators										
Labor Force (millions)	153.1	154.2	155.9	157.4	162.9	168.4	174.5	171.9	181.5	191.4
Non-farm Labor Productivity (1992=1.00)	1.37	1.43	1.45	1.47	1.65	1.74	1.84	1.92	2.14	2.36
Unemployment Rate (percent)	4.64	8.42	8.26	8.08	5.72	5.53	5.30	4.98	4.78	4.58
Key Indicators for Energy Demand										
Real Disposable Personal Income	8644	8837	9017	9209	11317	12035	12757	13927	15450	16980
Housing Starts (millions)	1.44	1.01	1.18	1.37	1.40	1.77	2.16	1.18	1.74	2.31
Commercial Floorspace (billion square feet) ..	77.3	80.9	81.2	81.4	88.3	92.3	96.2	96.2	103.3	110.6
Unit Sales of Light-Duty Vehicles (millions) ...	16.09	13.90	14.18	14.89	16.30	17.41	18.88	18.52	20.99	23.77

GDP = Gross domestic product.

Btu = British thermal unit.

Sources: 2007: IHS Global Insight Industry and Employment models, November 2008. **Projections:** Energy Information Administration, AEO2009 National Energy Modeling System runs LM2009.D120908A, AEO2009.D120908A, and HM2009.D120908A.