

July 2009

Short-Term Energy Outlook

July 7, 2009 Release

Highlights

- After climbing for much of the year, the spot price of West Texas Intermediate (WTI) crude oil hovered around \$70 per barrel through most of June. The price of WTI crude oil is expected to average near \$70 per barrel through the second half of 2009, an increase of about \$18 compared with the average for the first half of the year. The WTI spot price is projected to rise slowly as economic conditions improve, and to average about \$72 per barrel in 2010.
- U.S average prices for regular-grade gasoline, which reached \$2.69 per gallon in EIA's June 22 weekly survey, have fallen back slightly. Gasoline prices are expected to stay near current levels but will be strongly influenced by any changes in crude oil prices. The annual average regular-grade gasoline retail price in 2009 is expected to be \$2.36 per gallon. Higher projected crude oil prices next year are expected to boost the average price to \$2.69 per gallon in 2010. Annual average diesel fuel retail prices are expected to be \$2.46 and \$2.79 per gallon in 2009 and 2010, respectively.
- The monthly average Henry Hub natural gas spot price is expected to remain below \$4 per thousand cubic feet (Mcf) until late in the year given plentiful U.S. natural gas supplies and weak demand, particularly in the industrial sector. The Henry Hub price is projected to increase from an average of \$4.22 per Mcf in 2009 to an average of \$5.93 per Mcf in 2010 as expected economic growth increases industrial consumption of natural gas.

Global Petroleum

Overview. Crude oil prices rose in June for the fourth consecutive month, in part because of stronger-than-anticipated global economic activity, primarily in Asia. Market sentiment continues to reflect expectations of an economic recovery and a future rebound in oil demand that are outweighing weak current oil consumption and high inventory levels. Continued production restraint by members of the

Organization of the Petroleum Exporting Countries (OPEC) and unrest in Iran and Nigeria, respectively OPEC's second- and seventh-biggest oil producers, are also supporting prices. The downside price risks of this forecast are a delayed or weaker-than-expected global economic recovery, ample global surplus production capacity, and high commercial inventories.

Consumption. The global economic downturn curtailed world oil consumption during the second half of 2008 and the first half of 2009. Compared with the year prior, world oil consumption was down an average of 3.0 million barrels per day (bbl/d) from the fourth quarter of 2008 through the second quarter of 2009. However, the consumption decline rate is expected to moderate later this year because of comparison with a lower level of consumption last year and projected gradual global economic improvement. In particular, there has been stronger economic activity in Asia than was previously anticipated, and the current forecast reflects higher expected oil consumption in that region. As a result, a smaller decline in global oil consumption is expected in 2009, with oil consumption projected to fall by 1.6 million bbl/d compared with a decline of 1.7 million bbl/d in the June *Outlook*. Global consumption is projected to grow by 0.9 million bbl/d in 2010 in response to expected positive global economic growth ([World Liquid Fuels Consumption Chart](#)).

Non-OPEC Supply. Total non-OPEC supply is expected to rise by 360,000 bbl/d in 2009 and to remain fairly flat in 2010. Over the forecast period, higher output from Brazil, the United States, Azerbaijan, and Kazakhstan is expected to offset falling production in Mexico, the North Sea, and Russia ([Non-OPEC Crude Oil and Liquid Fuels Production Growth Chart](#)).

OPEC Supply. OPEC crude oil production is estimated to be 28.6 million bbl/d in the second quarter of 2009, down slightly from first quarter levels, but down 3.1 million bbl/d from the third quarter of 2008. OPEC crude output is expected to remain near current levels through the end of the year, then trend upward moderately in 2010 in response to higher demand. Substantial surplus production capacity, located mostly in Saudi Arabia, should help moderate upward price pressure until higher demand begins to erode the global supply cushion.

Inventories. Preliminary data indicate that commercial inventories held by Organization for Economic Cooperation and Development (OECD) countries stood at 2.7 billion barrels at the end of the first quarter of 2009. At 60 days of forward cover, OECD commercial inventories were well above average levels at the end of March ([Days of Supply of OECD Commercial Stocks Chart](#)). Preliminary estimates suggest that OECD commercial inventories held fairly steady during the second quarter of 2009, rather than rising seasonally, but still remain well above the historic average.

Crude oil in floating storage, which is not included in the OECD stock totals, has reportedly declined from a high of more than 120 million barrels at the beginning of 2009 to about 80 million barrels.

U.S. Crude Oil and Liquid Fuels

Consumption. Total consumption of liquid fuels and other petroleum products is projected to decrease by 650,000 bbl/d (3.3 percent) in 2009 ([U.S. Petroleum Products Consumption Growth Chart](#)), including a decline of 280,000 bbl/d (7.0 percent) in distillate fuel consumption and 140,000 bbl/d (8.7 percent) in jet fuel consumption. Motor gasoline consumption is projected to remain virtually flat as the significant price decline from last summer offsets some of the impact of the economic downturn. Modest economic recovery in 2010 is expected to contribute to a 310,000-bbl/d (1.6 percent) increase in total liquid fuels consumption.

Production. Total domestic crude oil production averaged 4.96 million bbl/d in 2008, down from 5.06 million bbl/d in 2007 ([U.S. Crude Oil Production Chart](#)). Production is expected to increase to an average of 5.23 million bbl/d in 2009 and 5.36 million bbl/d in 2010. Oil production from the new Thunder Horse, Tahiti, Shenzi, and Atlantis Federal offshore fields is expected to account for about 14 percent of Lower-48 crude oil production by the fourth quarter of 2010.

Prices. WTI crude oil prices, which averaged \$99.57 per barrel in 2008, are projected to average \$60.35 per barrel in 2009 and \$72.42 per barrel in 2010 ([Crude Oil Prices Chart](#)). This projection represents a \$2-to-\$5-per-barrel increase over that of the previous *Outlook*.

Regular-grade motor gasoline retail prices, which averaged \$3.26 per gallon in 2008, are expected to average \$2.36 per gallon this year. Higher projected crude oil prices in 2010 (\$12 per barrel higher on average, or 29 cents per gallon) are expected to boost average motor gasoline prices to \$2.69 per gallon next year. Diesel fuel retail prices, which averaged \$3.80 per gallon in 2008, are projected to average \$2.46 per gallon in 2009 and \$2.79 in 2010.

Natural Gas

Consumption. Total natural gas consumption is projected to decline by 2.3 percent in 2009 and remain unchanged in 2010 ([Total U.S. Natural Gas Consumption Growth](#)). Poor economic conditions are expected to prolong the current slump in natural gas demand over the coming months, led by an 8.2-percent drop among industrial users

in 2009. While consumption is expected to fall in the residential and commercial sectors as well this year, competitive natural gas prices relative to coal are projected to lead to a 2.4-percent increase in electric power sector consumption in 2009. Slight consumption increases in the residential, commercial, and industrial sectors next year are expected to result from the projected economic recovery. Natural gas consumption in the electric power sector is expected to decline by 1 percent in 2010 as natural gas prices rise and coal regains a larger share of the baseload generation mix.

Production and Imports. Total U.S. marketed natural gas production is expected to decline by 0.6 percent in 2009 and by 2.9 percent in 2010. As both consumption and prices have waned amid the recent economic downturn, natural gas producers have responded with a dramatic reduction in drilling activities. According to Baker Hughes, total working natural gas rigs are now down 57 percent since September 2008. The resulting production decline from the drop in rigs is expected to occur almost exclusively in the Lower-48 non-Gulf of Mexico (GOM) region during the second half of this year. While the drop in natural gas drilling rigs is expected to result in lower natural gas production in 2010, recent improvements in drilling technology have lowered costs, reduced drilling time, and increased well productivity. These factors should improve the responsiveness of producers to changes in demand, limiting the extent of sustained upward price movements through the forecast period.

U.S. liquefied natural gas (LNG) imports are expected to increase to about 506 billion cubic feet (Bcf) in 2009 from 352 Bcf in 2008, because of a combination of weak demand and growing supply in the global LNG market. Lower demand for LNG in Japan and South Korea has increased the amount of available LNG in the global market, leading to larger LNG purchases in China and Europe. However, with limited natural gas storage capacity in Asia and Europe, lower global demand is expected to increase available LNG cargoes for import by the United States.

Inventories. On June 26, 2009, working natural gas in storage was 2,721 Bcf ([U.S. Working Natural Gas in Storage](#)). Current inventories are now 467 Bcf above the 5-year average (2003–2007) and 615 Bcf above the level during the corresponding week last year. Through the first 3 months of the injection season (March 27 through June 26) the estimated inventory build was 1,067 Bcf, the largest increase for this period since 2001, and 157 Bcf more than the average build during this period since 2001. Working natural gas stocks are now expected to reach 3,670 Bcf at the end of the 2009 injection season (October 31), about 105 Bcf above the previous record of 3,565 Bcf reported for the end of October 2007.

Prices. The Henry Hub spot price averaged \$3.91 per Mcf in June, which was 5 cents below the average spot price in May. Prices continue to reflect the disparity between weak demand and strong supply. Despite low prices, natural gas marketed production in the Lower-48 non-GOM increased by 1.9 Bcf/d (3.7 percent) on a year-over-year basis in April, the most current available monthly data. Although U.S. natural gas production is projected to decline over the coming months, historically high storage levels and limits to storage capacity may cause prices to decline further this fall. Prices are expected to recover in early 2010 as the market balance tightens. However, rising prices are expected to be tempered by improvements in the productive capacity of domestic onshore supply sources throughout the forecast period. The Henry Hub spot price is expected to average \$4.22 per Mcf in 2009 and \$5.93 per Mcf in 2010.

Electricity

Consumption. Retail sales of electricity in the industrial sector continue to decline, having fallen by 12 percent during the first quarter of 2009 compared with year-ago levels. Total consumption of electricity is projected to fall by 2.0 percent for the entire year of 2009 and then rise by 0.8 percent in 2010 ([U.S. Total Electricity Consumption Chart](#)).

Prices. Residential electricity prices rose by 8 percent during the first quarter of 2009 compared with the first quarter of 2008 ([U.S. Residential Electricity Prices Chart](#)). Lower generation fuel costs are expected to be passed through to retail consumers later this year, keeping the annual average growth in prices at around 4.7 percent and 3.3 percent in 2009 and 2010, respectively.

Coal

Consumption. The projected electric-power-sector consumption of about 990 million short tons of coal in 2009 would be the first time since 2002 that annual consumption would be below the billion-short-ton level. The 5.2-percent decline in coal consumption in the electric power sector is the result of lower total electricity generation coupled with projected increases from other generating sources, including natural gas, nuclear, hydroelectric, and wind. Coal consumption in the electric power sector is expected to increase by 1.6 percent in 2010 as natural gas prices rise and coal regains a larger share of the baseload generation mix. Coal consumption for both steam and coke production is projected to decline by 29 percent in 2009, reflecting very weak industrial activity ([U.S. Coal Consumption Growth Chart](#)).

Production. Coal production is expected to fall by about 8 percent in 2009 in response to lower domestic coal consumption, fewer exports, and higher coal inventories. The May 2009 production estimate is the lowest monthly coal production figure since December 2000. Production is projected to increase slightly (0.5 percent) in 2010 as domestic consumption and exports increase with an improving economy ([U.S. Annual Coal Production Chart](#)).

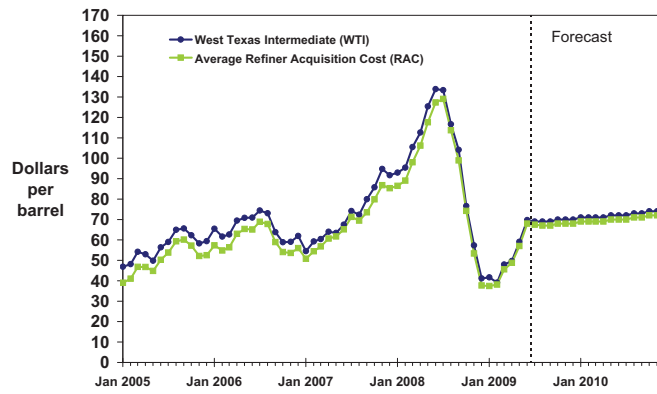
Prices. Despite declines in electricity demand, decreases in spot coal prices, and lower costs for other fossil fuels, the average delivered electric-power-sector coal price is projected to increase from an average of \$2.07 per million Btu in 2008 to \$2.15 per million Btu in 2009. A significant portion of power-sector coal contracts were entered into during a period of high prices for all fuels. Although record increases in spot prices last year (some well over 100 percent) for several types of coal contributed to the increase in the cost of coal, spot market purchases make up only a small portion of coal consumed in the power sector. The average delivered power-sector coal price is expected to decline to \$2.02 per million Btu in 2010 as expiring high-priced contracts are replaced.



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Chart Gallery for July 2009

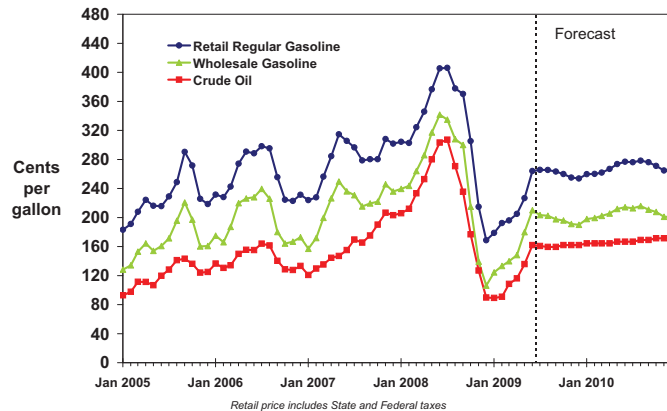
Crude Oil Prices



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Gasoline and Crude Oil Prices

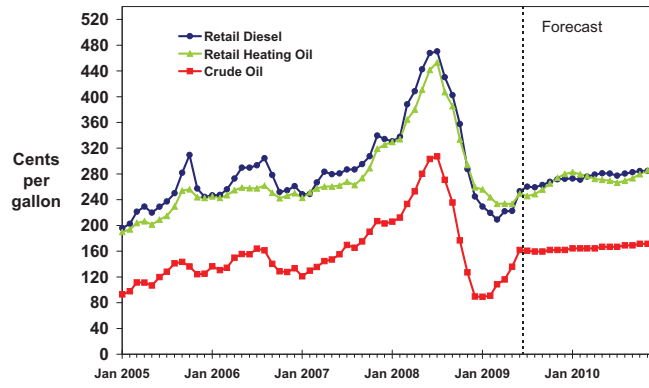


Retail price includes State and Federal taxes

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U.S. Distillate Fuel Prices

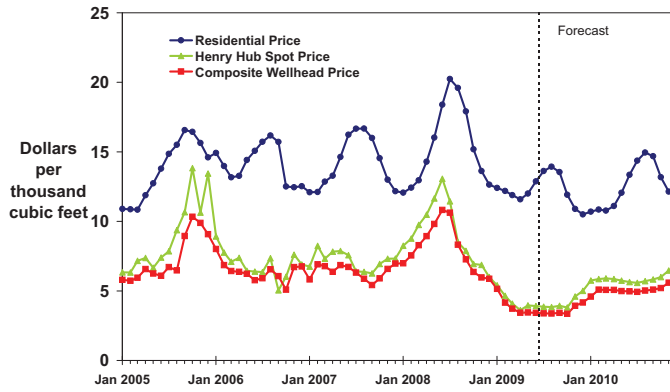


Retail prices include State and Federal taxes

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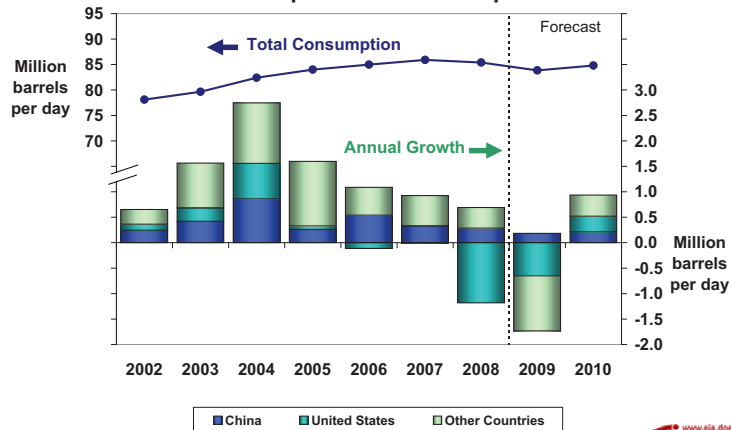
Natural Gas Prices



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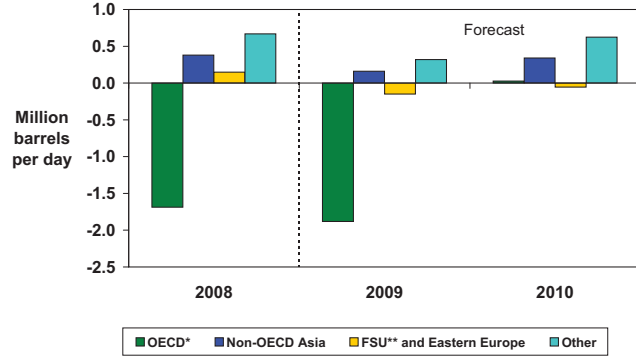
World Liquid Fuels Consumption



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World Liquid Fuels Consumption Growth (Change from Previous Year)

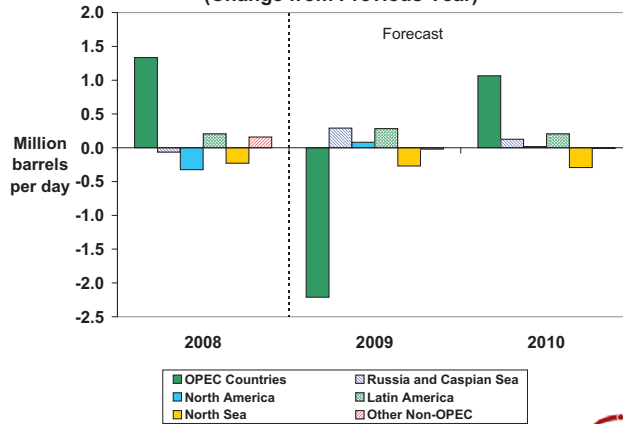


* Countries belonging to Organization for Economic Cooperation and Development
** Former Soviet Union

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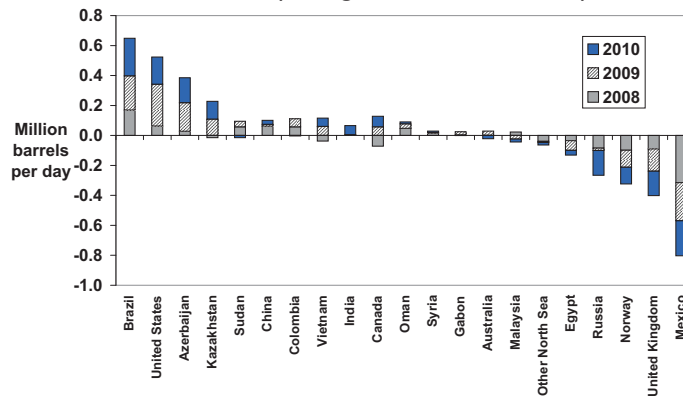
World Crude Oil and Liquid Fuels Production Growth (Change from Previous Year)



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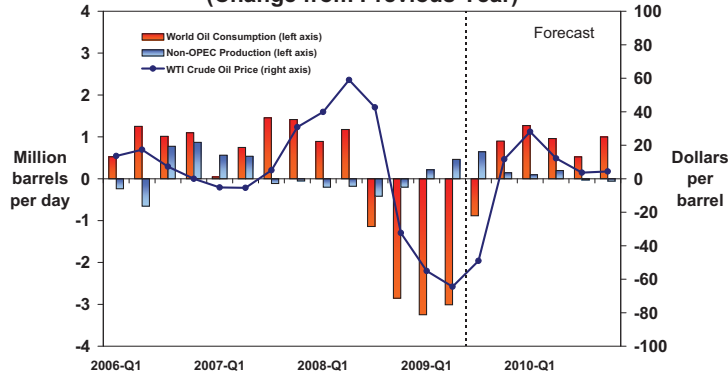
Non-OPEC Crude Oil and Liquid Fuels Production Growth (Change from Previous Year)



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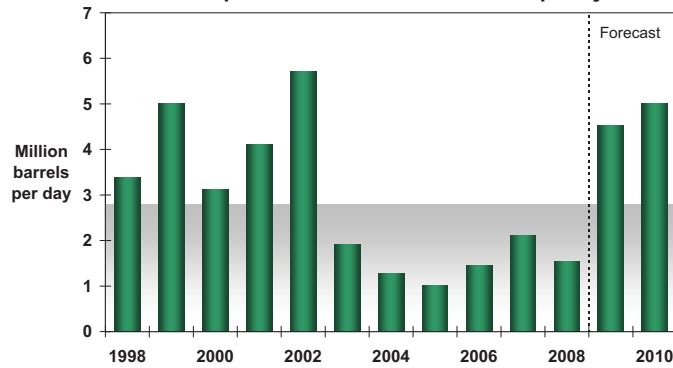
World Consumption and Non-OPEC Production (Change from Previous Year)



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OPEC Surplus Crude Oil Production Capacity

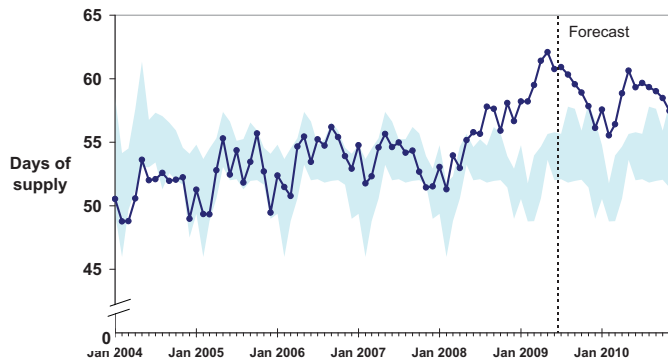


Note: Shaded area represents 1998-2008 average (2.8 million barrels per day)

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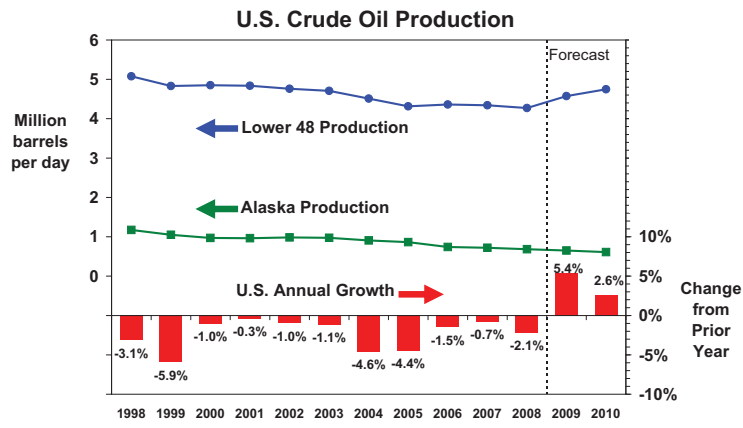
Days of Supply of OECD Commercial Oil Stocks



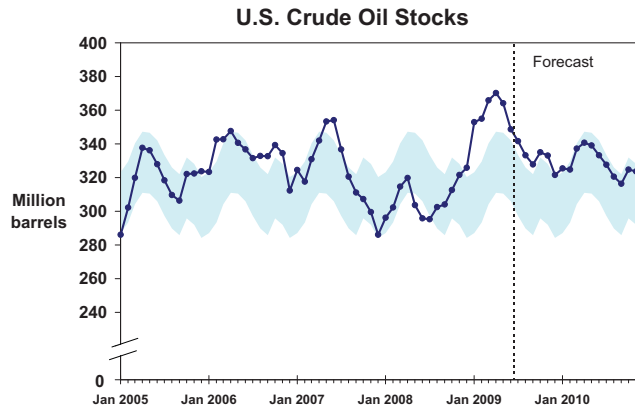
NOTE: Colored band represents the 5-year minimum/maximum range for each month.

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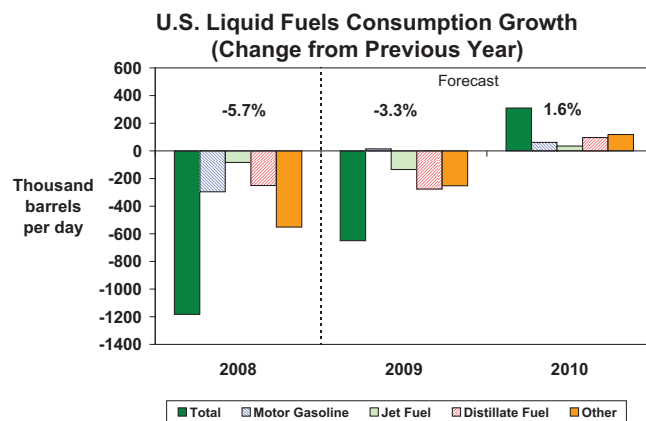


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NOTE: Colored band represents "normal" range published in EIA Weekly Petroleum Status Report, Appendix A.

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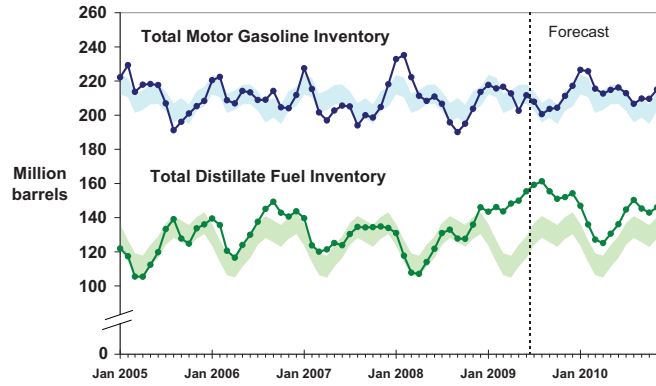
Legend: Total (dark green), Motor Gasoline (light blue), Jet Fuel (light green), Distillate Fuel (light red), Other (orange)

Note: Percent change labels refer to total petroleum products growth

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U.S. Gasoline and Distillate Inventories

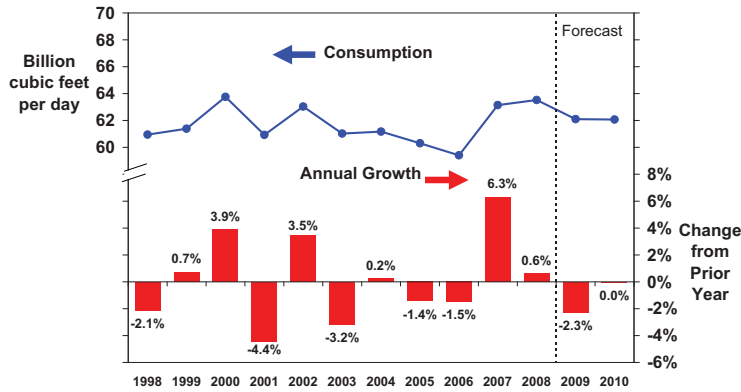


NOTE: Colored bands represent "normal" range published in EIA Weekly Petroleum Status Report, Appendix A.

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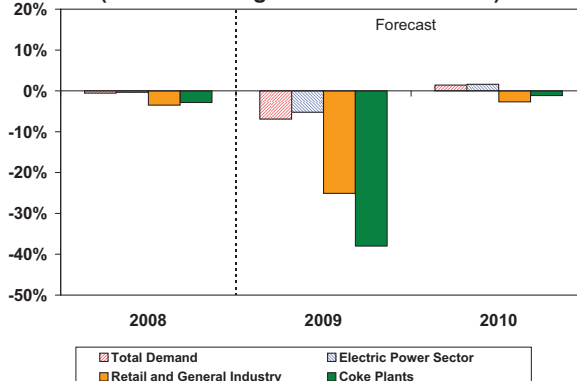
U.S. Total Natural Gas Consumption



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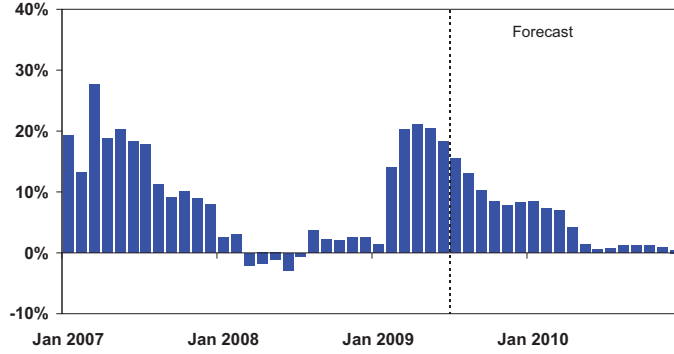
U.S. Coal Consumption Growth (Percent Change from Previous Year)



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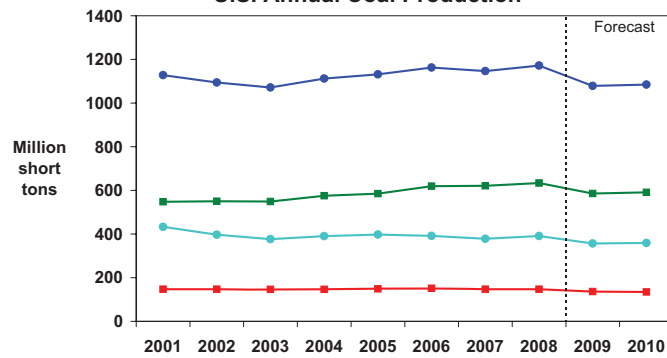
U.S. Working Natural Gas in Storage (Percent Difference from Previous 5-Year Average)



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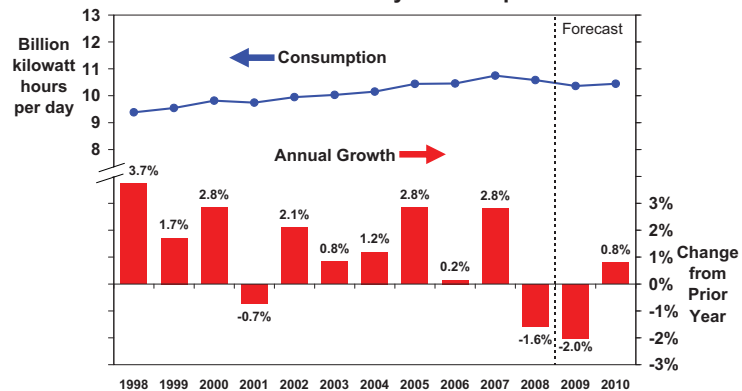
U.S. Annual Coal Production



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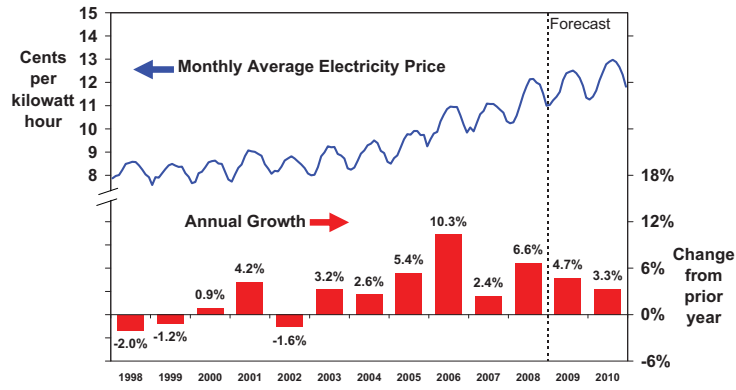
U.S. Total Electricity Consumption



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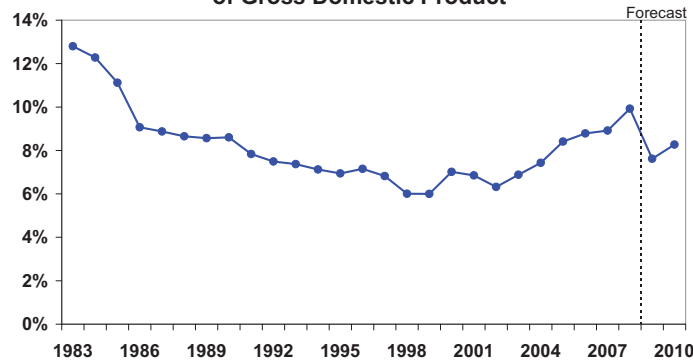
U.S. Residential Electricity Price



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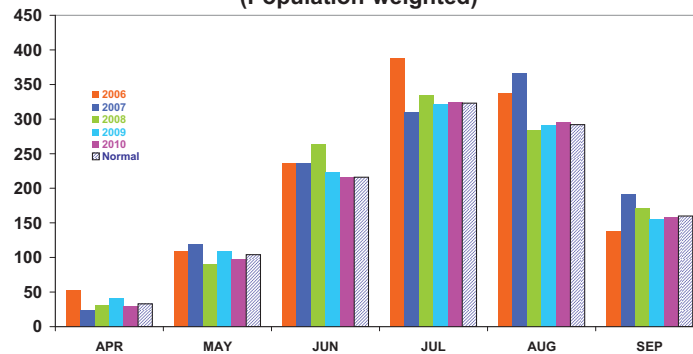
U.S. Annual Energy Expenditures As Percent of Gross Domestic Product



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U.S. Summer Cooling Degree-Days (Population-weighted)

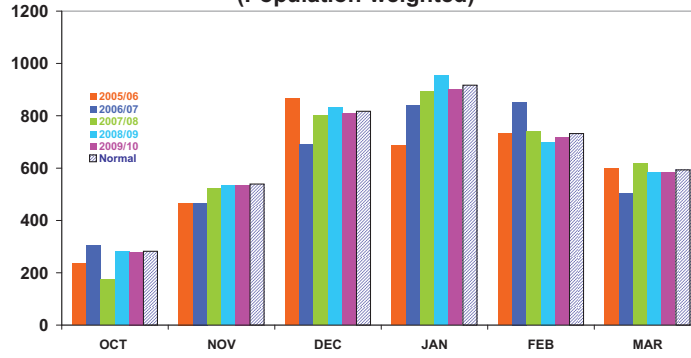


Source: National Oceanic and Atmospheric Administration, National Weather Service
http://www.cpc.ncep.noaa.gov/products/analysis_monitoring/odus/degree_days/

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U.S. Winter Heating Degree-Days (Population-weighted)

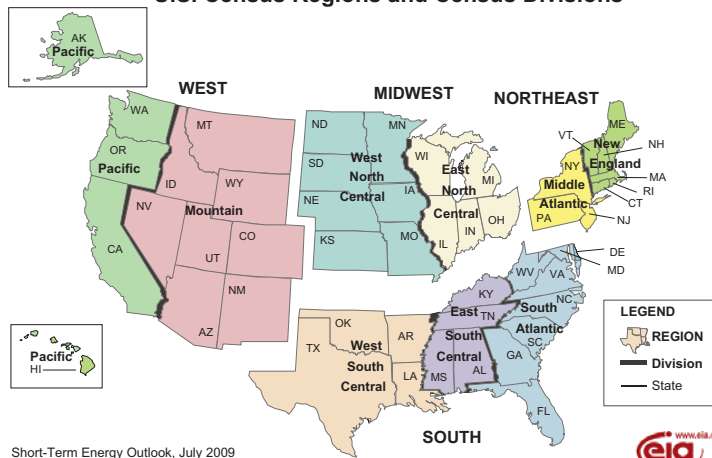


Source: National Oceanic and Atmospheric Administration, National Weather Service
http://www.cpc.ncep.noaa.gov/products/analysis_monitoring/cdus/degree_days/

Short-Term Energy Outlook, July 2009



U.S. Census Regions and Census Divisions



Short-Term Energy Outlook, July 2009



Table SF01. U.S. Motor Gasoline Summer Outlook

Energy Information Administration/Short-Term Energy Outlook -- July 2009

	2008			2009			Year-over-year Change (percent)		
	Q2	Q3	Season	Q2	Q3	Season	Q2	Q3	Season
Prices (dollars per gallon)									
WTI Crude Oil (Spot) ^a	2.95	2.81	2.88	1.42	<i>1.64</i>	<i>1.53</i>	<i>-52.0</i>	<i>-41.6</i>	<i>-46.9</i>
Imported Crude Oil Price ^b	2.76	2.69	2.72	1.38	<i>1.58</i>	<i>1.48</i>	<i>-50.0</i>	<i>-41.4</i>	<i>-45.7</i>
U.S. Refiner Average Crude Oil Cost	2.79	2.74	2.76	1.38	<i>1.60</i>	<i>1.49</i>	<i>-50.5</i>	<i>-41.5</i>	<i>-46.0</i>
Wholesale Gasoline Price ^c	3.15	3.15	3.15	1.80	<i>2.01</i>	<i>1.90</i>	<i>-43.0</i>	<i>-36.1</i>	<i>-39.5</i>
Wholesale Diesel Fuel Price ^c	3.65	3.47	3.56	1.63	<i>1.88</i>	<i>1.75</i>	<i>-55.4</i>	<i>-46.0</i>	<i>-50.9</i>
Regular Gasoline Retail Price ^d	3.76	3.85	3.81	2.32	<i>2.65</i>	<i>2.49</i>	<i>-38.3</i>	<i>-31.3</i>	<i>-34.7</i>
Diesel Fuel Retail Price ^d	4.39	4.34	4.37	2.32	<i>2.61</i>	<i>2.47</i>	<i>-47.1</i>	<i>-40.0</i>	<i>-43.5</i>
Gasoline Consumption/Supply (million barrels per day)									
Total Consumption	9.159	8.932	9.045	9.094	<i>9.090</i>	<i>9.092</i>	<i>-0.7</i>	<i>1.8</i>	<i>0.5</i>
Total Refinery Output ^e	7.357	7.129	7.242	7.461	<i>7.407</i>	<i>7.434</i>	<i>1.4</i>	<i>3.9</i>	<i>2.6</i>
Fuel Ethanol Blending	0.621	0.669	0.645	0.669	<i>0.682</i>	<i>0.675</i>	<i>7.6</i>	<i>2.0</i>	<i>4.7</i>
Total Stock Withdrawal ^f	0.124	0.227	0.176	0.056	<i>0.086</i>	<i>0.071</i>			
Net Imports ^f	1.056	0.908	0.982	0.909	<i>0.916</i>	<i>0.912</i>	<i>-13.9</i>	<i>0.8</i>	<i>-7.1</i>
Refinery Utilization (percent)	88.2	83.6	85.9	84.4	<i>83.8</i>	<i>84.1</i>			
Gasoline Stocks, Including Blending Components (million barrels)									
Beginning	222.2	210.9	222.2	216.7	<i>211.6</i>	<i>216.7</i>			
Ending	210.9	190.0	190.0	211.6	<i>203.6</i>	<i>203.6</i>			
Economic Indicators (annualized billion 2000 dollars)									
Real GDP	11,727	11,712	11,720	11,271	<i>11,270</i>	<i>11,270</i>	<i>-3.9</i>	<i>-3.8</i>	<i>-3.8</i>
Real Income	8,891	8,696	8,794	9,000	<i>8,910</i>	<i>8,955</i>	<i>1.2</i>	<i>2.5</i>	<i>1.8</i>

^a Spot Price of West Texas Intermediate (WTI) crude oil.^b Cost of imported crude oil to U.S. refiners.^c Price product sold by refiners to resellers.^d Average pump price including taxes.^e Refinery output plus motor gasoline adjustment for blending components.^f Total stock withdrawal and net imports includes both finished gasoline and gasoline blend components.

GDP = gross domestic product.

Notes: Minor discrepancies with other Energy Information Administration (EIA) published historical data are due to rounding. Historical data are printed in bold. Forecasts are in italic. The forecasts were generated by simulation of the Short-Term Integrated Forecasting System.

Sources: Historical data: latest data available from: EIA *Petroleum Supply Monthly*, DOE/EIA-0109; *Monthly Energy Review*, DOE/EIA-0035; U.S. Department of Commerce, Bureau of Economic Analysis; Federal Reserve System. Macroeconomic projections are based on Global Insight Macroeconomic Forecast Model.

Table 1. U.S. Energy Markets Summary

Energy Information Administration/Short-Term Energy Outlook - July 2009

	2008				2009				2010				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2008	2009	2010
Energy Supply															
Crude Oil Production (a) (million barrels per day)	5.12	5.15	4.66	4.90	5.24	5.25	<i>5.17</i>	<i>5.25</i>	<i>5.36</i>	<i>5.39</i>	<i>5.35</i>	<i>5.34</i>	4.96	<i>5.23</i>	<i>5.36</i>
Dry Natural Gas Production (billion cubic feet per day)	55.88	56.36	55.52	56.95	57.84	57.21	<i>55.10</i>	<i>53.23</i>	<i>53.13</i>	<i>53.86</i>	<i>54.56</i>	<i>55.11</i>	56.18	<i>55.83</i>	<i>54.17</i>
Coal Production (million short tons)	289	284	299	299	281	257	<i>266</i>	<i>274</i>	<i>267</i>	<i>260</i>	<i>270</i>	<i>288</i>	1,171	<i>1,079</i>	<i>1,084</i>
Energy Consumption															
Liquid Fuels (million barrels per day)	20.04	19.76	18.90	19.30	18.84	18.70	<i>18.80</i>	<i>19.06</i>	<i>19.18</i>	<i>19.06</i>	<i>19.10</i>	<i>19.29</i>	19.50	<i>18.85</i>	<i>19.16</i>
Natural Gas (billion cubic feet per day)	82.18	55.17	52.98	63.89	79.54	53.11	<i>53.97</i>	<i>62.04</i>	<i>78.10</i>	<i>53.46</i>	<i>54.26</i>	<i>62.72</i>	63.53	<i>62.10</i>	<i>62.07</i>
Coal (b) (million short tons)	284	268	299	270	255	242	<i>284</i>	<i>263</i>	<i>263</i>	<i>248</i>	<i>285</i>	<i>263</i>	1,122	<i>1,044</i>	<i>1,059</i>
Electricity (billion kilowatt hours per day)	10.57	10.21	11.64	9.90	10.25	9.80	<i>11.58</i>	<i>9.82</i>	<i>10.28</i>	<i>9.97</i>	<i>11.66</i>	<i>9.88</i>	10.58	<i>10.37</i>	<i>10.45</i>
Renewables (c) (quadrillion Btu)	1.62	1.84	1.67	1.62	1.69	1.87	<i>1.73</i>	<i>1.66</i>	<i>1.85</i>	<i>1.96</i>	<i>1.81</i>	<i>1.73</i>	6.74	<i>6.94</i>	<i>7.35</i>
Total Energy Consumption (d) (quadrillion Btu)	26.78	24.01	24.22	24.63	25.57	23.15	<i>23.99</i>	<i>24.20</i>	<i>25.63</i>	<i>23.29</i>	<i>24.28</i>	<i>24.42</i>	99.65	<i>96.91</i>	<i>97.63</i>
Nominal Energy Prices															
Crude Oil (e) (dollars per barrel)	91.17	117.20	114.89	55.19	40.45	58.06	<i>67.17</i>	<i>68.00</i>	<i>69.00</i>	<i>69.67</i>	<i>70.66</i>	<i>72.34</i>	94.68	<i>58.58</i>	<i>70.43</i>
Natural Gas Wellhead (dollars per thousand cubic feet)	7.62	9.86	8.81	6.06	4.35	3.43	<i>3.39</i>	<i>3.82</i>	<i>4.91</i>	<i>5.01</i>	<i>5.02</i>	<i>5.54</i>	8.08	<i>3.75</i>	<i>5.12</i>
Coal (dollars per million Btu)	1.91	2.04	2.16	2.18	2.27	2.19	<i>2.11</i>	<i>2.05</i>	<i>2.04</i>	<i>2.02</i>	<i>2.01</i>	<i>2.00</i>	2.07	<i>2.15</i>	<i>2.02</i>
Macroeconomic															
Real Gross Domestic Product (billion chained 2000 dollars - SAAR)	11,646	11,727	11,712	11,522	11,354	11,271	<i>11,270</i>	<i>11,280</i>	<i>11,300</i>	<i>11,355</i>	<i>11,413</i>	<i>11,513</i>	11,652	<i>11,294</i>	<i>11,395</i>
Percent change from prior year	2.5	2.1	0.7	-0.8	-2.5	-3.9	<i>-3.8</i>	<i>-2.1</i>	<i>-0.5</i>	<i>0.7</i>	<i>1.3</i>	<i>2.1</i>	1.1	<i>-3.1</i>	<i>0.9</i>
GDP Implicit Price Deflator (Index, 2000=100)	121.6	122.0	123.1	123.3	124.2	124.0	<i>124.1</i>	<i>124.6</i>	<i>125.4</i>	<i>125.4</i>	<i>125.7</i>	<i>126.5</i>	122.5	<i>124.2</i>	<i>125.7</i>
Percent change from prior year	2.3	2.0	2.6	2.0	2.1	1.7	<i>0.8</i>	<i>1.1</i>	<i>1.0</i>	<i>1.1</i>	<i>1.3</i>	<i>1.5</i>	2.2	<i>1.4</i>	<i>1.2</i>
Real Disposable Personal Income (billion chained 2000 dollars - SAAR)	8,668	8,891	8,696	8,758	8,897	9,000	<i>8,910</i>	<i>8,909</i>	<i>8,847</i>	<i>8,913</i>	<i>8,951</i>	<i>8,941</i>	8,753	<i>8,929</i>	<i>8,913</i>
Percent change from prior year	0.6	3.3	0.3	0.9	2.6	1.2	<i>2.5</i>	<i>1.7</i>	<i>-0.6</i>	<i>-1.0</i>	<i>0.5</i>	<i>0.4</i>	1.3	<i>2.0</i>	<i>-0.2</i>
Manufacturing Production Index (Index, 2002=100)	114.1	112.6	109.9	104.5	98.3	96.0	<i>97.1</i>	<i>96.8</i>	<i>96.4</i>	<i>96.3</i>	<i>97.1</i>	<i>98.1</i>	110.3	<i>97.0</i>	<i>97.0</i>
Percent change from prior year	1.3	-0.9	-3.9	-8.7	-13.9	-14.8	<i>-11.7</i>	<i>-7.3</i>	<i>-1.9</i>	<i>0.3</i>	<i>0.0</i>	<i>1.4</i>	-3.1	<i>-12.0</i>	<i>-0.1</i>
Weather															
U.S. Heating Degree-Days	2,251	528	70	1,646	2,235	512	<i>100</i>	<i>1,623</i>	<i>2,200</i>	<i>538</i>	<i>97</i>	<i>1,620</i>	4,496	<i>4,470</i>	<i>4,455</i>
U.S. Cooling Degree-Days	35	385	789	68	27	374	<i>769</i>	<i>77</i>	<i>35</i>	<i>344</i>	<i>779</i>	<i>83</i>	1,277	<i>1,247</i>	<i>1,241</i>

- = no data available

(a) Includes lease condensate.

(b) Total consumption includes Independent Power Producer (IPP) consumption.

(c) Renewable energy includes minor components of non-marketed renewable energy that is neither bought nor sold, either directly or indirectly, as inputs to marketed energy.

EIA does not estimate or project end-use consumption of non-marketed renewable energy.

(d) The conversion from physical units to Btu is calculated using a subset of conversion factors used in the calculations of gross energy consumption in EIA's Monthly Energy Review (MER).

Consequently, the historical data may not precisely match those published in the MER or the Annual Energy Review (AER).

(e) Refers to the refiner average acquisition cost (RAC) of crude oil.

Notes: The approximate break between historical and forecast values is shown with historical data printed in bold; estimates and forecasts in italics.

Historical data: Latest data available from Energy Information Administration databases supporting the following reports: *Petroleum Supply Monthly*, DOE/EIA-0109; *Petroleum Supply Annual*, DOE/EIA-0340/2; *Weekly Petroleum Status Report*, DOE/EIA-0208; *Petroleum Marketing Monthly*, DOE/EIA-0380; *Natural Gas Monthly*, DOE/EIA-0130; *Electric Power Monthly*, DOE/EIA-0226; *Quarterly Coal Report*, DOE/EIA-0121; and *International Petroleum Monthly*, DOE/EIA-0520.

Minor discrepancies with published historical data are due to independent rounding.

Projections: Generated by simulation of the EIA Regional Short-Term Energy Model. Macroeconomic projections are based on Global Insight Model of the U.S. Economy.

Weather projections from National Oceanic and Atmospheric Administration.

Table 2. U.S. Energy Nominal Prices
Energy Information Administration/Short-Term Energy Outlook - July 2009

	2008				2009				2010				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2008	2009	2010
Crude Oil (dollars per barrel)															
West Texas Intermediate Spot Average	97.94	123.95	118.05	58.35	42.90	59.48	<i>69.00</i>	<i>70.00</i>	<i>71.00</i>	<i>71.67</i>	<i>72.67</i>	<i>74.33</i>	99.57	<i>60.35</i>	<i>72.42</i>
Imported Average	89.72	115.91	112.85	52.29	40.47	57.95	<i>66.17</i>	<i>67.00</i>	<i>68.00</i>	<i>68.67</i>	<i>69.66</i>	<i>71.33</i>	92.61	<i>57.75</i>	<i>69.42</i>
Refiner Average Acquisition Cost	91.17	117.20	114.89	55.19	40.45	58.06	<i>67.17</i>	<i>68.00</i>	<i>69.00</i>	<i>69.67</i>	<i>70.66</i>	<i>72.34</i>	94.68	<i>58.58</i>	<i>70.43</i>
Liquid Fuels (cents per gallon)															
Refiner Prices for Resale															
Gasoline	249	315	315	154	132	180	<i>201</i>	<i>192</i>	<i>200</i>	<i>211</i>	<i>213</i>	<i>203</i>	258	<i>177</i>	<i>207</i>
Diesel Fuel	283	365	347	199	138	163	<i>188</i>	<i>197</i>	<i>201</i>	<i>209</i>	<i>208</i>	<i>210</i>	300	<i>170</i>	<i>207</i>
Heating Oil	269	347	337	189	145	156	<i>184</i>	<i>197</i>	<i>200</i>	<i>204</i>	<i>203</i>	<i>209</i>	275	<i>166</i>	<i>203</i>
Refiner Prices to End Users															
Jet Fuel	284	364	357	204	137	162	<i>187</i>	<i>197</i>	<i>204</i>	<i>208</i>	<i>207</i>	<i>211</i>	305	<i>171</i>	<i>207</i>
No. 6 Residual Fuel Oil (a)	187	218	262	135	105	128	<i>148</i>	<i>153</i>	<i>157</i>	<i>157</i>	<i>157</i>	<i>163</i>	200	<i>133</i>	<i>159</i>
Propane to Petrochemical Sector	145	166	172	83	68	78	<i>87</i>	<i>95</i>	<i>99</i>	<i>95</i>	<i>95</i>	<i>104</i>	139	<i>82</i>	<i>99</i>
Retail Prices Including Taxes															
Gasoline Regular Grade (b)	311	376	385	230	189	232	<i>265</i>	<i>256</i>	<i>261</i>	<i>273</i>	<i>277</i>	<i>266</i>	326	<i>236</i>	<i>269</i>
Gasoline All Grades (b)	316	381	391	236	194	237	<i>270</i>	<i>261</i>	<i>266</i>	<i>277</i>	<i>282</i>	<i>272</i>	331	<i>241</i>	<i>274</i>
On-highway Diesel Fuel	352	439	434	299	220	232	<i>261</i>	<i>271</i>	<i>273</i>	<i>280</i>	<i>280</i>	<i>284</i>	380	<i>246</i>	<i>279</i>
Heating Oil	340	401	409	286	246	237	<i>251</i>	<i>275</i>	<i>280</i>	<i>271</i>	<i>270</i>	<i>287</i>	338	<i>254</i>	<i>280</i>
Propane	250	265	271	241	235	218	<i>195</i>	<i>206</i>	<i>214</i>	<i>204</i>	<i>191</i>	<i>208</i>	251	<i>218</i>	<i>207</i>
Natural Gas (dollars per thousand cubic feet)															
Average Wellhead	7.62	9.86	8.81	6.06	4.35	3.43	<i>3.39</i>	<i>3.82</i>	<i>4.91</i>	<i>5.01</i>	<i>5.02</i>	<i>5.54</i>	8.08	<i>3.75</i>	<i>5.12</i>
Henry Hub Spot	8.92	11.73	9.29	6.60	4.71	3.83	<i>3.88</i>	<i>4.47</i>	<i>5.83</i>	<i>5.74</i>	<i>5.70</i>	<i>6.42</i>	9.13	<i>4.22</i>	<i>5.93</i>
End-Use Prices															
Industrial Sector	8.88	11.09	10.78	7.63	6.55	4.90	<i>4.66</i>	<i>5.24</i>	<i>6.61</i>	<i>6.27</i>	<i>6.11</i>	<i>6.99</i>	9.58	<i>5.32</i>	<i>6.50</i>
Commercial Sector	11.35	13.12	14.17	11.46	10.67	9.03	<i>8.51</i>	<i>8.82</i>	<i>9.44</i>	<i>9.36</i>	<i>9.67</i>	<i>10.21</i>	11.99	<i>9.56</i>	<i>9.65</i>
Residential Sector	12.44	15.58	19.25	13.32	12.20	11.96	<i>13.70</i>	<i>10.84</i>	<i>10.77</i>	<i>11.81</i>	<i>14.66</i>	<i>12.14</i>	13.67	<i>11.88</i>	<i>11.63</i>
Electricity															
Power Generation Fuel Costs (dollars per million Btu)															
Coal	1.91	2.04	2.16	2.18	2.27	2.19	<i>2.11</i>	<i>2.05</i>	<i>2.04</i>	<i>2.02</i>	<i>2.01</i>	<i>2.00</i>	2.07	<i>2.15</i>	<i>2.02</i>
Natural Gas	8.57	11.08	9.75	6.67	5.44	4.16	<i>3.96</i>	<i>4.49</i>	<i>5.82</i>	<i>5.75</i>	<i>5.72</i>	<i>6.30</i>	9.13	<i>4.43</i>	<i>5.88</i>
Residual Fuel Oil (c)	12.90	15.44	17.75	10.28	7.26	8.75	<i>10.24</i>	<i>10.59</i>	<i>10.85</i>	<i>10.95</i>	<i>10.97</i>	<i>11.28</i>	14.40	<i>8.98</i>	<i>11.01</i>
Distillate Fuel Oil	18.86	23.38	23.99	14.88	11.40	11.33	<i>13.33</i>	<i>14.08</i>	<i>14.29</i>	<i>14.52</i>	<i>14.65</i>	<i>14.91</i>	20.27	<i>12.54</i>	<i>14.60</i>
End-Use Prices (cents per kilowatthour)															
Industrial Sector	6.4	6.9	7.6	7.1	6.9	7.1	<i>7.7</i>	<i>7.3</i>	<i>7.2</i>	<i>7.5</i>	<i>8.1</i>	<i>7.6</i>	7.0	<i>7.3</i>	<i>7.6</i>
Commercial Sector	9.5	10.3	11.0	10.2	10.1	10.5	<i>11.2</i>	<i>10.5</i>	<i>10.4</i>	<i>11.0</i>	<i>11.6</i>	<i>10.9</i>	10.3	<i>10.6</i>	<i>11.0</i>
Residential Sector	10.4	11.5	12.1	11.4	11.2	12.1	<i>12.5</i>	<i>11.8</i>	<i>11.4</i>	<i>12.5</i>	<i>12.9</i>	<i>12.2</i>	11.4	<i>11.9</i>	<i>12.3</i>

- = no data available

(a) Average for all sulfur contents.

(b) Average self-service cash price.

(c) Includes fuel oils No. 4, No. 5, No. 6, and topped crude.

Notes: The approximate break between historical and forecast values is shown with historical data printed in bold; estimates and forecasts in italics.

Prices exclude taxes unless otherwise noted

Historical data: Latest data available from Energy Information Administration databases supporting the following reports: *Petroleum Marketing Monthly*, DOE/EIA-0380;

Weekly Petroleum Status Report, DOE/EIA-0208; *Natural Gas Monthly*, DOE/EIA-0130; *Electric Power Monthly*, DOE/EIA-0226; and *Monthly Energy Review*, DOE/EIA-0035.

Natural gas Henry Hub spot price from NGI's *Daily Gas Price Index* (<http://Intelligencepress.com>); WTI crude oil price from Reuter's News Service (<http://www.reuters.com>).

Minor discrepancies with published historical data are due to independent rounding.

Projections: Generated by simulation of the EIA Regional Short-Term Energy Model.

Table 3a. International Crude Oil and Liquid Fuels Supply, Consumption, and Inventories
Energy Information Administration/Short-Term Energy Outlook - July 2009

	2008				2009				2010				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2008	2009	2010
Supply (million barrels per day) (a)															
OECD	21.33	21.12	20.40	20.95	21.19	20.82	<i>20.35</i>	<i>20.53</i>	<i>20.63</i>	<i>20.58</i>	<i>20.16</i>	<i>20.22</i>	20.95	<i>20.72</i>	<i>20.39</i>
U.S. (50 States)	8.66	8.79	8.19	8.44	8.78	8.86	<i>8.75</i>	<i>8.81</i>	<i>8.88</i>	<i>9.03</i>	<i>9.03</i>	<i>8.98</i>	8.52	<i>8.80</i>	<i>8.98</i>
Canada	3.38	3.22	3.40	3.40	3.39	3.40	<i>3.40</i>	<i>3.45</i>	<i>3.50</i>	<i>3.49</i>	<i>3.45</i>	<i>3.47</i>	3.35	<i>3.41</i>	<i>3.48</i>
Mexico	3.29	3.19	3.15	3.12	3.06	3.01	<i>2.85</i>	<i>2.80</i>	<i>2.75</i>	<i>2.77</i>	<i>2.66</i>	<i>2.61</i>	3.19	<i>2.93</i>	<i>2.70</i>
North Sea (b)	4.47	4.33	4.07	4.39	4.42	4.01	<i>3.80</i>	<i>3.97</i>	<i>3.99</i>	<i>3.79</i>	<i>3.54</i>	<i>3.70</i>	4.32	<i>4.05</i>	<i>3.75</i>
Other OECD	1.53	1.58	1.60	1.60	1.55	1.55	<i>1.55</i>	<i>1.51</i>	<i>1.50</i>	<i>1.50</i>	<i>1.49</i>	<i>1.45</i>	1.58	<i>1.54</i>	<i>1.49</i>
Non-OECD	64.49	64.63	64.99	64.09	62.36	62.99	<i>63.09</i>	<i>63.28</i>	<i>63.76</i>	<i>64.54</i>	<i>64.39</i>	<i>64.81</i>	64.55	<i>62.93</i>	<i>64.38</i>
OPEC	35.72	35.84	36.18	35.16	33.24	33.43	<i>33.59</i>	<i>33.78</i>	<i>33.98</i>	<i>34.54</i>	<i>34.72</i>	<i>35.06</i>	35.72	<i>33.51</i>	<i>34.58</i>
Crude Oil Portion	31.31	31.42	31.68	30.67	28.71	28.61	<i>28.59</i>	<i>28.61</i>	<i>28.59</i>	<i>28.95</i>	<i>29.04</i>	<i>29.25</i>	31.27	<i>28.63</i>	<i>28.96</i>
Other Liquids	4.41	4.42	4.50	4.49	4.53	4.82	<i>5.00</i>	<i>5.17</i>	<i>5.39</i>	<i>5.59</i>	<i>5.68</i>	<i>5.81</i>	4.46	<i>4.88</i>	<i>5.62</i>
Former Soviet Union	12.59	12.60	12.42	12.46	12.60	12.89	<i>12.86</i>	<i>12.81</i>	<i>12.94</i>	<i>13.01</i>	<i>12.84</i>	<i>12.81</i>	12.52	<i>12.79</i>	<i>12.90</i>
China	3.94	4.00	3.97	3.98	3.92	3.99	<i>4.00</i>	<i>4.03</i>	<i>4.02</i>	<i>4.05</i>	<i>3.99</i>	<i>4.00</i>	3.97	<i>3.99</i>	<i>4.01</i>
Other Non-OECD	12.24	12.20	12.41	12.49	12.60	12.67	<i>12.64</i>	<i>12.66</i>	<i>12.82</i>	<i>12.94</i>	<i>12.84</i>	<i>12.94</i>	12.34	<i>12.64</i>	<i>12.88</i>
Total World Production	85.82	85.75	85.39	85.05	83.56	83.81	<i>83.44</i>	<i>83.81</i>	<i>84.39</i>	<i>85.11</i>	<i>84.54</i>	<i>85.03</i>	85.50	<i>83.65</i>	<i>84.77</i>
Non-OPEC Production	50.10	49.91	49.21	49.89	50.31	50.38	<i>49.85</i>	<i>50.03</i>	<i>50.41</i>	<i>50.57</i>	<i>49.82</i>	<i>49.97</i>	49.78	<i>50.14</i>	<i>50.19</i>
Consumption (million barrels per day) (c)															
OECD	48.91	47.23	46.52	47.11	46.45	44.48	<i>45.07</i>	<i>46.24</i>	<i>46.29</i>	<i>44.59</i>	<i>45.15</i>	<i>46.30</i>	47.44	<i>45.56</i>	<i>45.58</i>
U.S. (50 States)	20.04	19.76	18.90	19.30	18.84	18.70	<i>18.80</i>	<i>19.06</i>	<i>19.18</i>	<i>19.06</i>	<i>19.10</i>	<i>19.29</i>	19.50	<i>18.85</i>	<i>19.16</i>
U.S. Territories	0.27	0.28	0.29	0.23	0.22	0.26	<i>0.26</i>	<i>0.26</i>	<i>0.26</i>	<i>0.26</i>	<i>0.25</i>	<i>0.26</i>	0.27	<i>0.25</i>	<i>0.26</i>
Canada	2.37	2.25	2.34	2.33	2.42	2.20	<i>2.30</i>	<i>2.31</i>	<i>2.35</i>	<i>2.28</i>	<i>2.39</i>	<i>2.39</i>	2.32	<i>2.31</i>	<i>2.35</i>
Europe	15.27	14.94	15.37	15.28	14.84	14.25	<i>14.69</i>	<i>14.87</i>	<i>14.41</i>	<i>14.05</i>	<i>14.48</i>	<i>14.66</i>	15.22	<i>14.66</i>	<i>14.40</i>
Japan	5.41	4.59	4.30	4.67	4.68	3.92	<i>3.99</i>	<i>4.42</i>	<i>4.78</i>	<i>3.89</i>	<i>3.95</i>	<i>4.38</i>	4.74	<i>4.25</i>	<i>4.25</i>
Other OECD	5.55	5.39	5.31	5.30	5.44	5.14	<i>5.03</i>	<i>5.32</i>	<i>5.30</i>	<i>5.05</i>	<i>4.98</i>	<i>5.31</i>	5.39	<i>5.23</i>	<i>5.16</i>
Non-OECD	37.69	38.73	38.61	36.85	36.90	38.47	<i>39.18</i>	<i>38.63</i>	<i>38.33</i>	<i>39.31</i>	<i>39.61</i>	<i>39.56</i>	37.97	<i>38.30</i>	<i>39.21</i>
Former Soviet Union	4.30	4.31	4.35	4.38	4.11	4.16	<i>4.19</i>	<i>4.27</i>	<i>4.08</i>	<i>4.08</i>	<i>4.11</i>	<i>4.19</i>	4.33	<i>4.18</i>	<i>4.12</i>
Europe	0.79	0.79	0.80	0.80	0.77	0.77	<i>0.83</i>	<i>0.81</i>	<i>0.79</i>	<i>0.78</i>	<i>0.84</i>	<i>0.82</i>	0.80	<i>0.80</i>	<i>0.81</i>
China	7.96	7.99	8.10	7.36	7.55	8.09	<i>8.39</i>	<i>8.09</i>	<i>8.07</i>	<i>8.24</i>	<i>8.33</i>	<i>8.32</i>	7.85	<i>8.03</i>	<i>8.24</i>
Other Asia	9.52	9.61	8.96	8.76	9.16	9.28	<i>9.07</i>	<i>9.24</i>	<i>9.32</i>	<i>9.38</i>	<i>9.10</i>	<i>9.49</i>	9.21	<i>9.19</i>	<i>9.32</i>
Other Non-OECD	15.11	16.03	16.41	15.56	15.31	16.16	<i>16.70</i>	<i>16.22</i>	<i>16.08</i>	<i>16.83</i>	<i>17.23</i>	<i>16.74</i>	15.78	<i>16.10</i>	<i>16.72</i>
Total World Consumption	86.60	85.95	85.13	83.97	83.35	82.94	<i>84.24</i>	<i>84.87</i>	<i>84.62</i>	<i>83.90</i>	<i>84.76</i>	<i>85.86</i>	85.41	<i>83.85</i>	<i>84.79</i>
Inventory Net Withdrawals (million barrels per day)															
U.S. (50 States)	0.12	-0.34	-0.20	-0.35	-0.65	-0.28	<i>0.16</i>	<i>0.33</i>	<i>0.32</i>	<i>-0.43</i>	<i>-0.06</i>	<i>0.29</i>	-0.20	<i>-0.10</i>	<i>0.03</i>
Other OECD	-0.25	0.04	-0.30	-0.15	-0.02	0.16	<i>0.26</i>	<i>0.30</i>	<i>-0.04</i>	<i>-0.30</i>	<i>0.11</i>	<i>0.22</i>	-0.16	<i>0.17</i>	<i>0.00</i>
Other Stock Draws and Balance	0.92	0.50	0.23	-0.58	0.46	-0.74	<i>0.38</i>	<i>0.42</i>	<i>-0.05</i>	<i>-0.47</i>	<i>0.17</i>	<i>0.32</i>	0.27	<i>0.13</i>	<i>-0.01</i>
Total Stock Draw	0.78	0.20	-0.26	-1.08	-0.21	-0.87	<i>0.80</i>	<i>1.05</i>	<i>0.23</i>	<i>-1.21</i>	<i>0.22</i>	<i>0.84</i>	-0.09	<i>0.20</i>	<i>0.02</i>
End-of-period Inventories (million barrels)															
U.S. Commercial Inventory	954	980	1,002	1,035	1,082	1,097	<i>1,081</i>	<i>1,048</i>	<i>1,019</i>	<i>1,059</i>	<i>1,064</i>	<i>1,037</i>	1,035	<i>1,048</i>	<i>1,037</i>
OECD Commercial Inventory	2,571	2,599	2,650	2,692	2,734	2,735	<i>2,695</i>	<i>2,635</i>	<i>2,609</i>	<i>2,677</i>	<i>2,672</i>	<i>2,624</i>	2,692	<i>2,635</i>	<i>2,624</i>

- = no data available

OECD = Organization for Economic Cooperation and Development: Australia, Austria, Belgium, Canada, the Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Japan, Luxembourg, Mexico, the Netherlands, New Zealand, Norway, Poland, Portugal, Slovakia, South Korea, Spain, Sweden, Switzerland, Turkey, the United Kingdom, and the United States.

OPEC = Organization of Petroleum Exporting Countries: Algeria, Angola, Ecuador, Iran, Iraq, Kuwait, Libya, Nigeria, Qatar, Saudi Arabia, the United Arab Emirates, Venezuela.

Former Soviet Union = Armenia, Azerbaijan, Belarus, Estonia, Georgia, Kazakhstan, Kyrgyzstan, Latvia, Lithuania, Moldova, Russia, Tajikistan, Turkmenistan, Ukraine and Uzbekistan.

(a) Supply includes production of crude oil (including lease condensates), natural gas plant liquids, other liquids, and refinery processing gains, alcohol.

(b) Includes offshore supply from Denmark, Germany, the Netherlands, Norway, and the United Kingdom.

(c) Consumption of petroleum by the OECD countries is synonymous with "petroleum product supplied," defined in the glossary of the EIA *Petroleum Supply Monthly*, DOE/EIA-0109.

Consumption of petroleum by the non-OECD countries is "apparent consumption," which includes internal consumption, refinery fuel and loss, and bunkering.

Notes: The approximate break between historical and forecast values is shown with historical data printed in bold; estimates and forecasts in italics.

Historical data: Latest data available from Energy Information Administration databases supporting the *International Petroleum Monthly*; and International Energy Agency, Monthly Oil Data Service, latest monthly release.

Minor discrepancies with published historical data are due to independent rounding.

Projections: Generated by simulation of the EIA Regional Short-Term Energy Model.

Table 3b. Non-OPEC Crude Oil and Liquid Fuels Supply (million barrels per day)

Energy Information Administration/Short-Term Energy Outlook - July 2009

	2008				2009				2010				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2008	2009	2010
North America	15.33	15.21	14.73	14.96	15.23	15.26	<i>15.00</i>	<i>15.05</i>	<i>15.13</i>	<i>15.29</i>	<i>15.13</i>	<i>15.06</i>	15.06	<i>15.14</i>	<i>15.15</i>
Canada	3.38	3.22	3.40	3.40	3.39	3.40	<i>3.40</i>	<i>3.45</i>	<i>3.50</i>	<i>3.49</i>	<i>3.45</i>	<i>3.47</i>	3.35	<i>3.41</i>	<i>3.48</i>
Mexico	3.29	3.19	3.15	3.12	3.06	3.01	<i>2.85</i>	<i>2.80</i>	<i>2.75</i>	<i>2.77</i>	<i>2.66</i>	<i>2.61</i>	3.19	<i>2.93</i>	<i>2.70</i>
United States	8.66	8.79	8.19	8.44	8.78	8.86	<i>8.75</i>	<i>8.81</i>	<i>8.88</i>	<i>9.03</i>	<i>9.03</i>	<i>8.98</i>	8.52	<i>8.80</i>	<i>8.98</i>
Central and South America	4.16	4.20	4.35	4.39	4.52	4.55	<i>4.57</i>	<i>4.64</i>	<i>4.72</i>	<i>4.78</i>	<i>4.79</i>	<i>4.87</i>	4.27	<i>4.57</i>	<i>4.79</i>
Argentina	0.81	0.75	0.81	0.81	0.80	0.80	<i>0.78</i>	<i>0.78</i>	<i>0.78</i>	<i>0.78</i>	<i>0.77</i>	<i>0.76</i>	0.79	<i>0.79</i>	<i>0.77</i>
Brazil	2.34	2.41	2.46	2.47	2.58	2.62	<i>2.66</i>	<i>2.74</i>	<i>2.82</i>	<i>2.88</i>	<i>2.92</i>	<i>2.99</i>	2.42	<i>2.65</i>	<i>2.90</i>
Colombia	0.57	0.59	0.61	0.63	0.65	0.66	<i>0.65</i>	<i>0.66</i>	<i>0.66</i>	<i>0.65</i>	<i>0.65</i>	<i>0.65</i>	0.60	<i>0.65</i>	<i>0.65</i>
Other Central and S. America	0.44	0.44	0.46	0.48	0.49	0.48	<i>0.47</i>	<i>0.47</i>	<i>0.47</i>	<i>0.47</i>	<i>0.46</i>	<i>0.46</i>	0.46	<i>0.48</i>	<i>0.47</i>
Europe	5.14	5.00	4.74	5.04	5.06	4.64	<i>4.42</i>	<i>4.58</i>	<i>4.60</i>	<i>4.39</i>	<i>4.13</i>	<i>4.30</i>	4.98	<i>4.67</i>	<i>4.35</i>
Norway	2.51	2.42	2.39	2.55	2.53	2.30	<i>2.26</i>	<i>2.32</i>	<i>2.36</i>	<i>2.25</i>	<i>2.15</i>	<i>2.21</i>	2.47	<i>2.35</i>	<i>2.24</i>
United Kingdom (offshore)	1.61	1.58	1.36	1.52	1.57	1.38	<i>1.22</i>	<i>1.32</i>	<i>1.31</i>	<i>1.23</i>	<i>1.09</i>	<i>1.20</i>	1.52	<i>1.37</i>	<i>1.21</i>
Other North Sea	0.35	0.33	0.33	0.32	0.32	0.33	<i>0.33</i>	<i>0.32</i>	<i>0.32</i>	<i>0.31</i>	<i>0.30</i>	<i>0.30</i>	0.33	<i>0.32</i>	<i>0.31</i>
FSU and Eastern Europe	12.83	12.83	12.66	12.70	12.83	13.12	<i>13.08</i>	<i>13.03</i>	<i>13.16</i>	<i>13.23</i>	<i>13.05</i>	<i>13.02</i>	12.76	<i>13.02</i>	<i>13.12</i>
Azerbaijan	0.91	0.98	0.85	0.77	0.93	1.07	<i>1.11</i>	<i>1.15</i>	<i>1.19</i>	<i>1.23</i>	<i>1.24</i>	<i>1.27</i>	0.88	<i>1.07</i>	<i>1.23</i>
Kazakhstan	1.47	1.44	1.33	1.47	1.48	1.54	<i>1.55</i>	<i>1.58</i>	<i>1.65</i>	<i>1.67</i>	<i>1.65</i>	<i>1.66</i>	1.43	<i>1.54</i>	<i>1.66</i>
Russia	9.78	9.75	9.82	9.81	9.77	9.87	<i>9.78</i>	<i>9.68</i>	<i>9.69</i>	<i>9.71</i>	<i>9.55</i>	<i>9.48</i>	9.79	<i>9.77</i>	<i>9.61</i>
Turkmenistan	0.19	0.19	0.19	0.19	0.19	0.20	<i>0.20</i>	<i>0.20</i>	<i>0.20</i>	<i>0.20</i>	<i>0.20</i>	<i>0.21</i>	0.19	<i>0.20</i>	<i>0.20</i>
Other FSU/Eastern Europe	0.66	0.66	0.66	0.66	0.65	0.64	<i>0.63</i>	<i>0.63</i>	<i>0.63</i>	<i>0.62</i>	<i>0.61</i>	<i>0.61</i>	0.66	<i>0.64</i>	<i>0.62</i>
Middle East	1.56	1.55	1.56	1.58	1.59	1.58	<i>1.56</i>	<i>1.56</i>	<i>1.60</i>	<i>1.59</i>	<i>1.57</i>	<i>1.58</i>	1.56	<i>1.57</i>	<i>1.58</i>
Oman	0.75	0.75	0.77	0.78	0.79	0.79	<i>0.79</i>	<i>0.79</i>	<i>0.81</i>	<i>0.81</i>	<i>0.80</i>	<i>0.80</i>	0.76	<i>0.79</i>	<i>0.81</i>
Syria	0.45	0.45	0.45	0.45	0.45	0.46	<i>0.45</i>	<i>0.45</i>	<i>0.46</i>	<i>0.47</i>	<i>0.46</i>	<i>0.46</i>	0.45	<i>0.45</i>	<i>0.46</i>
Yemen	0.32	0.30	0.29	0.29	0.29	0.28	<i>0.27</i>	<i>0.27</i>	<i>0.27</i>	<i>0.26</i>	<i>0.26</i>	<i>0.26</i>	0.30	<i>0.28</i>	<i>0.26</i>
Asia and Oceania	8.50	8.55	8.55	8.61	8.49	8.59	<i>8.62</i>	<i>8.59</i>	<i>8.61</i>	<i>8.65</i>	<i>8.54</i>	<i>8.55</i>	8.55	<i>8.57</i>	<i>8.59</i>
Australia	0.52	0.58	0.61	0.63	0.59	0.62	<i>0.64</i>	<i>0.60</i>	<i>0.60</i>	<i>0.60</i>	<i>0.60</i>	<i>0.56</i>	0.59	<i>0.61</i>	<i>0.59</i>
China	3.94	4.00	3.97	3.98	3.92	3.99	<i>4.00</i>	<i>4.03</i>	<i>4.02</i>	<i>4.05</i>	<i>3.99</i>	<i>4.00</i>	3.97	<i>3.99</i>	<i>4.01</i>
India	0.89	0.88	0.87	0.89	0.86	0.87	<i>0.90</i>	<i>0.91</i>	<i>0.93</i>	<i>0.95</i>	<i>0.95</i>	<i>0.97</i>	0.88	<i>0.89</i>	<i>0.95</i>
Indonesia	1.04	1.04	1.06	1.05	1.04	1.03	<i>1.01</i>	<i>0.98</i>	<i>0.96</i>	<i>0.94</i>	<i>0.93</i>	<i>0.92</i>	1.05	<i>1.02</i>	<i>0.94</i>
Malaysia	0.74	0.71	0.73	0.73	0.71	0.71	<i>0.71</i>	<i>0.69</i>	<i>0.70</i>	<i>0.69</i>	<i>0.68</i>	<i>0.67</i>	0.73	<i>0.70</i>	<i>0.68</i>
Vietnam	0.34	0.31	0.29	0.31	0.33	0.37	<i>0.39</i>	<i>0.40</i>	<i>0.42</i>	<i>0.43</i>	<i>0.43</i>	<i>0.44</i>	0.31	<i>0.37</i>	<i>0.43</i>
Africa	2.58	2.58	2.62	2.60	2.60	2.63	<i>2.60</i>	<i>2.56</i>	<i>2.58</i>	<i>2.64</i>	<i>2.60</i>	<i>2.59</i>	2.60	<i>2.60</i>	<i>2.60</i>
Egypt	0.63	0.62	0.65	0.62	0.59	0.57	<i>0.56</i>	<i>0.54</i>	<i>0.54</i>	<i>0.54</i>	<i>0.53</i>	<i>0.53</i>	0.63	<i>0.57</i>	<i>0.53</i>
Equatorial Guinea	0.36	0.36	0.36	0.35	0.35	0.36	<i>0.35</i>	<i>0.35</i>	<i>0.36</i>	<i>0.36</i>	<i>0.35</i>	<i>0.35</i>	0.36	<i>0.35</i>	<i>0.36</i>
Gabon	0.24	0.25	0.25	0.25	0.25	0.27	<i>0.28</i>	<i>0.28</i>	<i>0.28</i>	<i>0.27</i>	<i>0.26</i>	<i>0.26</i>	0.25	<i>0.27</i>	<i>0.27</i>
Sudan	0.52	0.52	0.52	0.53	0.55	0.58	<i>0.56</i>	<i>0.56</i>	<i>0.56</i>	<i>0.55</i>	<i>0.54</i>	<i>0.53</i>	0.52	<i>0.56</i>	<i>0.55</i>
Total non-OPEC liquids	50.10	49.91	49.21	49.89	50.31	50.38	<i>49.85</i>	<i>50.03</i>	<i>50.41</i>	<i>50.57</i>	<i>49.82</i>	<i>49.97</i>	49.78	<i>50.14</i>	<i>50.19</i>
OPEC non-crude liquids	4.41	4.42	4.50	4.49	4.53	4.82	<i>5.00</i>	<i>5.17</i>	<i>5.39</i>	<i>5.59</i>	<i>5.68</i>	<i>5.81</i>	4.46	<i>4.88</i>	<i>5.62</i>
Non-OPEC + OPEC non-crude	54.51	54.34	53.71	54.38	54.85	55.19	<i>54.85</i>	<i>55.20</i>	<i>55.80</i>	<i>56.17</i>	<i>55.50</i>	<i>55.78</i>	54.23	<i>55.02</i>	<i>55.81</i>

- = no data available

FSU = Former Soviet Union

OPEC = Organization of Petroleum Exporting Countries: Algeria, Angola, Ecuador, Iran, Iraq, Kuwait, Libya, Nigeria, Qatar, Saudi Arabia, the United Arab Emirates, Venezuela.

Notes: The approximate break between historical and forecast values is shown with historical data printed in bold; estimates and forecasts in italics.

Supply includes production of crude oil (including lease condensates), natural gas plant liquids, other liquids, and refinery processing gains, alcohol.

Not all countries are shown in each region and sum of reported country volumes may not equal regional volumes.

Historical data: Latest data available from Energy Information Administration databases supporting the *International Petroleum Monthly*; and International Energy Agency, Monthly Oil Data Service, latest monthly release.

Minor discrepancies with published historical data are due to independent rounding.

Projections: Generated by simulation of the EIA Regional Short-Term Energy Model.

Table 3c. OPEC Crude Oil and Liquid Fuels Supply (million barrels per day)

Energy Information Administration/Short-Term Energy Outlook - July 2009

	2008				2009				2010				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2008	2009	2010
Crude Oil															
Algeria	1.37	1.37	1.37	1.37	1.30	1.30	-	-	-	-	-	-	1.37	-	-
Angola	1.91	1.92	1.85	1.88	1.78	1.75	-	-	-	-	-	-	1.89	-	-
Ecuador	0.52	0.50	0.50	0.50	0.50	0.49	-	-	-	-	-	-	0.50	-	-
Iran	3.80	3.80	3.90	3.90	3.77	3.80	-	-	-	-	-	-	3.85	-	-
Iraq	2.30	2.42	2.42	2.34	2.30	2.38	-	-	-	-	-	-	2.37	-	-
Kuwait	2.58	2.60	2.60	2.50	2.30	2.30	-	-	-	-	-	-	2.57	-	-
Libya	1.79	1.75	1.70	1.70	1.65	1.65	-	-	-	-	-	-	1.74	-	-
Nigeria	1.99	1.90	1.95	1.92	1.80	1.67	-	-	-	-	-	-	1.94	-	-
Qatar	0.85	0.87	0.87	0.81	0.82	0.83	-	-	-	-	-	-	0.85	-	-
Saudi Arabia	9.20	9.32	9.57	8.95	8.07	8.05	-	-	-	-	-	-	9.26	-	-
United Arab Emirates	2.60	2.60	2.60	2.48	2.30	2.30	-	-	-	-	-	-	2.57	-	-
Venezuela	2.40	2.37	2.34	2.31	2.13	2.10	-	-	-	-	-	-	2.35	-	-
OPEC Total	31.31	31.42	31.68	30.67	28.71	28.61	28.59	28.61	28.59	28.95	29.04	29.25	31.27	28.63	28.96
Other Liquids	4.41	4.42	4.50	4.49	4.53	4.82	<i>5.00</i>	<i>5.17</i>	<i>5.39</i>	<i>5.59</i>	<i>5.68</i>	<i>5.81</i>	4.46	<i>4.88</i>	<i>5.62</i>
Total OPEC Supply	35.72	35.84	36.18	35.16	33.24	33.43	<i>33.59</i>	<i>33.78</i>	<i>33.98</i>	<i>34.54</i>	<i>34.72</i>	<i>35.06</i>	35.72	<i>33.51</i>	<i>34.58</i>
Crude Oil Production Capacity															
Algeria	1.37	1.37	1.37	1.37	1.37	1.37	-	-	-	-	-	-	1.37	-	-
Angola	1.91	1.92	1.85	1.99	2.05	2.07	-	-	-	-	-	-	1.92	-	-
Ecuador	0.52	0.50	0.50	0.50	0.50	0.49	-	-	-	-	-	-	0.50	-	-
Iran	3.80	3.80	3.90	3.90	3.90	3.90	-	-	-	-	-	-	3.85	-	-
Iraq	2.30	2.42	2.42	2.34	2.28	2.38	-	-	-	-	-	-	2.37	-	-
Kuwait	2.60	2.60	2.60	2.60	2.60	2.60	-	-	-	-	-	-	2.60	-	-
Libya	1.79	1.75	1.70	1.75	1.75	1.75	-	-	-	-	-	-	1.75	-	-
Nigeria	1.99	1.90	1.95	1.96	1.96	1.96	-	-	-	-	-	-	1.95	-	-
Qatar	0.88	0.93	0.98	1.03	1.07	1.07	-	-	-	-	-	-	0.96	-	-
Saudi Arabia	10.57	10.60	10.60	10.60	10.60	10.70	-	-	-	-	-	-	10.59	-	-
United Arab Emirates	2.60	2.60	2.60	2.55	2.60	2.60	-	-	-	-	-	-	2.59	-	-
Venezuela	2.40	2.37	2.34	2.31	2.13	2.10	-	-	-	-	-	-	2.35	-	-
OPEC Total	32.72	32.76	32.82	32.90	32.81	32.98	33.36	33.44	33.80	33.92	34.07	34.09	32.80	33.15	33.97
Surplus Crude Oil Production Capacity															
Algeria	0.00	0.00	0.00	0.00	0.07	0.07	-	-	-	-	-	-	0.00	-	-
Angola	0.00	0.00	0.00	0.11	0.27	0.32	-	-	-	-	-	-	0.03	-	-
Ecuador	0.00	0.00	0.00	0.00	0.00	0.00	-	-	-	-	-	-	0.00	-	-
Iran	0.00	0.00	0.00	0.00	0.13	0.10	-	-	-	-	-	-	0.00	-	-
Iraq	0.00	0.00	0.00	0.00	-0.02	0.00	-	-	-	-	-	-	0.00	-	-
Kuwait	0.02	0.00	0.00	0.10	0.30	0.30	-	-	-	-	-	-	0.03	-	-
Libya	0.00	0.00	0.00	0.05	0.10	0.10	-	-	-	-	-	-	0.01	-	-
Nigeria	0.00	0.00	0.00	0.04	0.16	0.29	-	-	-	-	-	-	0.01	-	-
Qatar	0.03	0.06	0.11	0.22	0.25	0.24	-	-	-	-	-	-	0.11	-	-
Saudi Arabia	1.37	1.28	1.03	1.65	2.53	2.65	-	-	-	-	-	-	1.33	-	-
United Arab Emirates	0.00	0.00	0.00	0.07	0.30	0.30	-	-	-	-	-	-	0.02	-	-
Venezuela	0.00	0.00	0.00	0.00	0.00	0.00	-	-	-	-	-	-	0.00	-	-
OPEC Total	1.41	1.35	1.14	2.23	4.10	4.36	4.77	4.82	5.20	4.97	5.02	4.84	1.53	4.52	5.01

- = no data available

OPEC = Organization of Petroleum Exporting Countries: Algeria, Angola, Ecuador, Iran, Iraq, Kuwait, Libya, Nigeria, Qatar, Saudi Arabia, the United Arab Emirates, Venezuela.

Notes: The approximate break between historical and forecast values is shown with historical data printed in bold; estimates and forecasts in italics.**Historical data:** Latest data available from Energy Information Administration databases supporting the *International Petroleum Monthly*; and International Energy Agency, Monthly Oil Data Service, latest monthly release.

Minor discrepancies with published historical data are due to independent rounding.

Projections: Generated by simulation of the EIA Regional Short-Term Energy Model.

Table 3d. World Liquid Fuels Consumption (million barrels per day)
Energy Information Administration/Short-Term Energy Outlook - July 2009

	2008				2009				2010				2008	2009	2010
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4			
North America	24.78	24.47	23.66	23.91	23.52	23.22	23.36	23.66	23.78	23.62	23.72	23.94	24.20	<i>23.44</i>	<i>23.76</i>
Canada	2.37	2.25	2.34	2.33	2.42	2.20	2.30	2.31	2.35	2.28	2.39	2.39	2.32	<i>2.31</i>	<i>2.35</i>
Mexico	2.10	2.16	2.11	2.04	2.02	2.04	2.00	2.02	1.97	2.01	1.97	1.98	2.10	<i>2.02</i>	<i>1.98</i>
United States	20.04	19.76	18.90	19.30	18.84	18.70	18.80	19.06	19.18	19.06	19.10	19.29	19.50	<i>18.85</i>	<i>19.16</i>
Central and South America	5.79	6.07	5.87	5.90	5.73	6.04	6.08	6.07	5.98	6.23	6.27	6.26	5.90	<i>5.98</i>	<i>6.19</i>
Brazil	2.43	2.57	2.57	2.51	2.39	2.51	2.59	2.58	2.48	2.57	2.66	2.65	2.52	<i>2.52</i>	<i>2.59</i>
Europe	14.72	14.36	14.75	14.70	14.37	13.68	14.06	14.25	13.94	13.48	13.85	14.03	14.63	<i>14.09</i>	<i>13.82</i>
FSU and Eastern Europe	5.64	5.69	5.77	5.76	5.35	5.50	5.65	5.70	5.35	5.43	5.59	5.64	5.71	<i>5.55</i>	<i>5.50</i>
Russia	2.87	2.89	2.90	2.93	2.69	2.74	2.75	2.78	2.65	2.67	2.68	2.71	2.90	<i>2.74</i>	<i>2.68</i>
Middle East	6.07	6.76	7.31	6.47	6.31	6.87	7.41	6.88	6.73	7.29	7.69	7.14	6.65	<i>6.87</i>	<i>7.21</i>
Asia and Oceania	26.35	25.41	24.56	24.04	24.81	24.39	24.48	25.04	25.49	24.55	24.39	25.53	25.09	<i>24.68</i>	<i>24.99</i>
China	7.96	7.99	8.10	7.36	7.55	8.09	8.39	8.09	8.07	8.24	8.33	8.32	7.85	<i>8.03</i>	<i>8.24</i>
Japan	5.41	4.59	4.30	4.67	4.68	3.92	3.99	4.42	4.78	3.89	3.95	4.38	4.74	<i>4.25</i>	<i>4.25</i>
India	3.02	3.02	2.84	2.89	3.17	3.11	2.94	3.02	3.29	3.24	3.01	3.30	2.94	<i>3.06</i>	<i>3.21</i>
Africa	3.25	3.20	3.22	3.20	3.25	3.24	3.20	3.27	3.36	3.31	3.26	3.34	3.22	<i>3.24</i>	<i>3.32</i>
Total OECD Liquid Fuels Consumption	48.91	47.23	46.52	47.11	46.45	44.48	45.07	46.24	46.29	44.59	45.15	46.30	47.44	<i>45.56</i>	<i>45.58</i>
Total non-OECD Liquid Fuels Consumption	37.69	38.73	38.61	36.85	36.90	38.47	39.18	38.63	38.33	39.31	39.61	39.56	37.97	<i>38.30</i>	<i>39.21</i>
Total World Liquid Fuels Consumption	86.60	85.95	85.13	83.97	83.35	82.94	84.24	84.87	84.62	83.90	84.76	85.86	85.41	<i>83.85</i>	<i>84.79</i>
World Oil-Consumption-Weighted GDP															
Index, 2006 Q1 = 100	109.33	110.27	110.39	109.16	108.35	108.74	109.19	109.39	110.02	111.44	112.52	113.14	109.79	<i>108.92</i>	<i>111.79</i>
Percent change from prior year	4.5	3.9	2.8	0.7	-0.9	-1.4	-1.1	0.2	1.5	2.5	3.1	3.4	3.0	<i>-0.8</i>	<i>2.6</i>

- = no data available

FSU = Former Soviet Union

OECD = Organization for Economic Cooperation and Development: Australia, Austria, Belgium, Canada, the Czech Republic, Denmark, Finland,

France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Japan, Luxembourg, Mexico, the Netherlands, New Zealand, Norway, Poland, Portugal,

Slovakia, South Korea, Spain, Sweden, Switzerland, Turkey, the United Kingdom, and the United States.

Notes: The approximate break between historical and forecast values is shown with historical data printed in bold; estimates and forecasts in italics.

Historical data: Latest data available from Energy Information Administration databases supporting the *International Petroleum Monthly*, and International Energy Agency, Monthly Oil Data Service, latest

Minor discrepancies with published historical data are due to independent rounding.

Projections: Generated by simulation of the EIA Regional Short-Term Energy Model.

Table 4a. U.S. Crude Oil and Liquid Fuels Supply, Consumption, and Inventories

Energy Information Administration/Short-Term Energy Outlook - July 2009

	2008				2009				2010				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2008	2009	2010
Supply (million barrels per day)															
Crude Oil Supply															
Domestic Production (a)	5.12	5.15	4.66	4.90	5.24	5.25	5.17	5.25	5.36	5.39	5.35	5.34	4.96	5.23	5.36
Alaska	0.71	0.68	0.62	0.72	0.70	0.64	0.60	0.66	0.65	0.62	0.60	0.58	0.68	0.65	0.61
Federal Gulf of Mexico (b)	1.33	1.35	0.93	1.04	1.39	1.52	1.56	1.61	1.55	1.50	1.50	1.50	1.16	1.52	1.51
Lower 48 States (excl GOM)	3.07	3.11	3.11	3.15	3.14	3.09	3.01	2.97	3.16	3.27	3.25	3.25	3.11	3.05	3.23
Crude Oil Net Imports (c)	9.77	9.87	9.61	9.78	9.48	9.16	9.06	8.87	8.76	9.08	8.94	8.81	9.75	9.14	8.90
SPR Net Withdrawals	-0.04	-0.06	0.04	0.01	-0.12	-0.12	-0.01	-0.03	0.00	0.00	0.00	0.00	-0.01	-0.07	0.00
Commercial Inventory Net Withdrawals	-0.31	0.21	-0.09	-0.24	-0.44	0.19	0.23	0.07	-0.17	0.04	0.18	0.04	-0.11	0.01	0.02
Crude Oil Adjustment (d)	0.06	0.04	0.12	0.04	-0.02	0.09	0.01	-0.03	0.05	0.07	0.01	-0.03	0.07	0.01	0.02
Total Crude Oil Input to Refineries	14.60	15.16	14.34	14.50	14.11	14.56	14.45	14.13	13.99	14.59	14.49	14.15	14.65	14.31	14.31
Other Supply															
Refinery Processing Gain	0.99	1.01	0.98	1.00	0.93	0.97	0.96	0.99	0.96	0.96	0.97	1.00	0.99	0.96	0.97
Natural Gas Liquids Production	1.84	1.87	1.73	1.70	1.79	1.82	1.78	1.70	1.68	1.77	1.79	1.73	1.78	1.77	1.74
Other HC/Oxygenates Adjustment (e)	0.72	0.77	0.81	0.85	0.82	0.82	0.84	0.87	0.88	0.91	0.91	0.91	0.79	0.84	0.90
Fuel Ethanol Production	0.54	0.59	0.64	0.66	0.64	0.65	0.67	0.69	0.70	0.72	0.73	0.73	0.61	0.66	0.72
Product Net Imports (c)	1.42	1.45	1.19	1.38	1.29	0.89	0.83	1.09	1.19	1.33	1.20	1.25	1.36	1.02	1.24
Pentanes Plus	-0.01	-0.01	-0.02	-0.01	-0.03	-0.03	-0.03	0.00	0.01	0.01	0.00	0.01	-0.01	-0.02	0.01
Liquefied Petroleum Gas	0.17	0.14	0.23	0.21	0.13	0.07	0.07	0.15	0.14	0.16	0.14	0.17	0.19	0.10	0.15
Unfinished Oils	0.75	0.76	0.74	0.80	0.68	0.72	0.80	0.71	0.71	0.76	0.79	0.71	0.76	0.73	0.74
Other HC/Oxygenates	-0.03	0.00	0.02	-0.03	-0.04	-0.03	-0.04	-0.05	-0.04	-0.05	-0.03	-0.05	-0.01	-0.04	-0.04
Motor Gasoline Blend Comp.	0.58	0.84	0.81	0.85	0.85	0.80	0.71	0.72	0.72	0.87	0.79	0.75	0.77	0.77	0.78
Finished Motor Gasoline	0.20	0.21	0.10	0.01	0.09	0.11	0.21	0.19	0.14	0.14	0.17	0.13	0.13	0.15	0.15
Jet Fuel	0.06	0.07	0.02	0.02	0.02	0.02	-0.02	0.01	0.01	0.02	-0.01	0.01	0.04	0.01	0.01
Distillate Fuel Oil	-0.10	-0.36	-0.47	-0.33	-0.26	-0.47	-0.48	-0.29	-0.25	-0.33	-0.31	-0.21	-0.32	-0.37	-0.27
Residual Fuel Oil	-0.02	-0.01	0.00	0.01	0.06	0.04	-0.07	-0.01	-0.01	0.01	-0.04	0.01	-0.01	0.00	0.00
Other Oils (f)	-0.19	-0.20	-0.22	-0.14	-0.21	-0.33	-0.33	-0.33	-0.25	-0.27	-0.30	-0.30	-0.19	-0.30	-0.28
Product Inventory Net Withdrawals	0.47	-0.49	-0.15	-0.12	-0.08	-0.35	-0.05	0.30	0.49	-0.48	-0.24	0.25	-0.07	-0.05	0.01
Total Supply	20.04	19.76	18.90	19.30	18.85	18.70	18.81	19.07	19.20	19.07	19.12	19.30	19.50	18.86	19.17
Consumption (million barrels per day)															
Natural Gas Liquids and Other Liquids															
Pentanes Plus	0.12	0.08	0.07	0.09	0.03	0.08	0.09	0.10	0.09	0.09	0.09	0.10	0.09	0.08	0.09
Liquefied Petroleum Gas	2.29	1.87	1.76	1.89	2.07	1.79	1.80	2.01	2.15	1.78	1.82	2.04	1.95	1.92	1.95
Unfinished Oils	-0.02	-0.06	-0.13	0.11	0.00	-0.07	-0.01	0.01	0.02	-0.01	0.00	0.00	-0.03	-0.02	0.01
Finished Liquid Fuels															
Motor Gasoline	8.92	9.16	8.93	8.95	8.79	9.09	9.09	9.04	8.86	9.18	9.15	9.07	8.99	9.00	9.06
Jet Fuel	1.56	1.61	1.56	1.42	1.38	1.41	1.41	1.42	1.42	1.45	1.44	1.44	1.54	1.40	1.44
Distillate Fuel Oil	4.21	3.93	3.70	3.95	3.91	3.48	3.53	3.77	3.94	3.66	3.62	3.84	3.95	3.67	3.77
Residual Fuel Oil	0.60	0.69	0.57	0.62	0.61	0.61	0.53	0.57	0.58	0.57	0.54	0.59	0.62	0.58	0.57
Other Oils (f)	2.35	2.49	2.43	2.27	2.05	2.30	2.37	2.15	2.11	2.35	2.44	2.20	2.38	2.22	2.28
Total Consumption	20.04	19.76	18.90	19.30	18.84	18.70	18.80	19.06	19.18	19.06	19.10	19.29	19.50	18.85	19.16
Total Liquid Fuels Net Imports	11.19	11.32	10.80	11.15	10.76	10.04	9.89	9.96	9.96	10.41	10.14	10.06	11.11	10.16	10.14
End-of-period Inventories (million barrels)															
Commercial Inventory															
Crude Oil (excluding SPR)	314.7	295.8	304.0	325.8	365.8	348.6	327.8	321.5	337.2	333.3	316.4	312.9	325.8	321.5	312.9
Pentanes Plus	9.0	12.8	15.6	13.8	15.8	15.5	15.7	12.8	12.4	13.7	14.5	12.1	13.8	12.8	12.1
Liquefied Petroleum Gas	63.9	102.5	136.9	113.1	90.2	125.4	147.0	112.9	76.5	115.0	143.0	111.4	113.1	112.9	111.4
Unfinished Oils	90.2	88.7	91.4	83.5	93.8	89.4	88.9	83.1	94.6	90.8	89.9	83.3	83.5	83.1	83.3
Other HC/Oxygenates	14.1	14.8	17.3	15.8	17.2	16.1	17.1	16.3	17.4	17.0	18.0	17.2	15.8	16.3	17.2
Total Motor Gasoline	222.2	210.9	190.0	213.6	216.7	211.6	203.6	217.1	215.5	216.1	209.7	220.2	213.6	217.1	220.2
Finished Motor Gasoline	110.6	107.3	92.6	98.3	88.2	85.8	88.7	97.5	94.3	98.9	96.9	101.9	98.3	97.5	101.9
Motor Gasoline Blend Comp.	111.6	103.6	97.4	115.2	128.5	125.8	115.0	119.6	121.2	117.2	112.8	118.3	115.2	119.6	118.3
Jet Fuel	38.7	39.8	37.8	38.0	41.6	41.9	41.6	40.5	39.4	40.2	40.7	40.0	38.0	40.5	40.0
Distillate Fuel Oil	107.8	121.7	127.7	146.0	143.6	155.3	155.4	154.2	127.1	136.1	145.3	149.3	146.0	154.2	149.3
Residual Fuel Oil	39.9	41.2	38.9	36.1	39.0	37.0	36.3	39.1	39.1	39.3	38.2	40.5	36.1	39.1	40.5
Other Oils (f)	53.9	51.8	42.5	49.3	58.5	56.1	47.8	50.0	60.2	57.2	48.4	50.2	49.3	50.0	50.2
Total Commercial Inventory	954	980	1,002	1,035	1,082	1,097	1,081	1,048	1,019	1,059	1,064	1,037	1,035	1,048	1,037
Crude Oil in SPR	700	706	702	702	713	724	725	727	727	727	727	727	702	727	727
Heating Oil Reserve	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0

- = no data available

(a) Includes lease condensate.

(b) Crude oil production from U.S. Federal leases in the Gulf of Mexico (GOM).

(c) Net imports equals gross imports minus gross exports.

(d) Crude oil adjustment balances supply and consumption and was previously referred to as "Unaccounted for Crude Oil."

 (e) Other HC/oxygenates adjustment balances supply and consumption and includes MTBE and fuel ethanol production reported in the EIA-819M *Monthly Oxygenate Report*. This adjustment was previously referred to as "Field Production."

(f) "Other Oils" includes aviation gasoline blend components, finished aviation gasoline, kerosene, petrochemical feedstocks, special naphthas, lubricants, waxes, petroleum coke, asphalt and road oil, still gas, and miscellaneous products.

Notes: The approximate break between historical and forecast values is shown with historical data printed in bold; estimates and forecasts in italics.

SPR: Strategic Petroleum Reserve

HC: Hydrocarbons

Historical data: Latest data available from Energy Information Administration databases supporting the following reports: *Petroleum Supply Monthly*, DOE/EIA-0109; *Petroleum Supply Annual*, DOE/EIA-0340/2; and *Weekly Petroleum Status Report*, DOE/EIA-0208.

Minor discrepancies with published historical data are due to independent rounding.

Projections: Generated by simulation of the EIA Regional Short-Term Energy Model.

Table 4b. U.S. Petroleum Refinery Balance (Million Barrels per Day, Except Utilization Factor)

Energy Information Administration/Short-Term Energy Outlook - July 2009

	2008				2009				2010				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2008	2009	2010
Refinery and Blender Net Inputs															
Crude Oil	14.60	15.16	14.34	14.50	14.11	14.56	<i>14.45</i>	<i>14.13</i>	<i>13.99</i>	<i>14.59</i>	<i>14.49</i>	<i>14.15</i>	14.65	<i>14.31</i>	<i>14.31</i>
Pentanes Plus	0.14	0.15	0.15	0.16	0.15	0.15	<i>0.15</i>	<i>0.16</i>	<i>0.15</i>	<i>0.16</i>	<i>0.16</i>	<i>0.17</i>	0.15	<i>0.15</i>	<i>0.16</i>
Liquefied Petroleum Gas	0.36	0.29	0.27	0.41	0.35	0.28	<i>0.30</i>	<i>0.41</i>	<i>0.36</i>	<i>0.28</i>	<i>0.29</i>	<i>0.40</i>	0.33	<i>0.33</i>	<i>0.33</i>
Other Hydrocarbons/Oxygenates	0.56	0.63	0.68	0.75	0.73	0.75	<i>0.75</i>	<i>0.77</i>	<i>0.80</i>	<i>0.82</i>	<i>0.82</i>	<i>0.82</i>	0.65	<i>0.75</i>	<i>0.81</i>
Unfinished Oils	0.67	0.84	0.84	0.78	0.57	0.83	<i>0.82</i>	<i>0.77</i>	<i>0.55</i>	<i>0.81</i>	<i>0.79</i>	<i>0.78</i>	0.78	<i>0.75</i>	<i>0.74</i>
Motor Gasoline Blend Components	0.39	0.76	0.63	0.56	0.66	0.79	<i>0.74</i>	<i>0.58</i>	<i>0.67</i>	<i>0.80</i>	<i>0.70</i>	<i>0.59</i>	0.58	<i>0.69</i>	<i>0.69</i>
Aviation Gasoline Blend Components	0.00	0.00	0.00	0.00	0.00	0.00	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	0.00	<i>0.00</i>	<i>0.00</i>
Total Refinery and Blender Net Inputs	16.72	17.83	16.90	17.17	16.56	17.36	<i>17.19</i>	<i>16.82</i>	<i>16.52</i>	<i>17.46</i>	<i>17.26</i>	<i>16.92</i>	17.15	<i>16.99</i>	<i>17.04</i>
Refinery Processing Gain	0.99	1.01	0.98	1.00	0.93	0.97	<i>0.96</i>	<i>0.99</i>	<i>0.96</i>	<i>0.96</i>	<i>0.97</i>	<i>1.00</i>	0.99	<i>0.96</i>	<i>0.97</i>
Refinery and Blender Net Production															
Liquefied Petroleum Gas	0.55	0.85	0.72	0.39	0.50	0.83	<i>0.76</i>	<i>0.45</i>	<i>0.52</i>	<i>0.83</i>	<i>0.76</i>	<i>0.45</i>	0.63	<i>0.63</i>	<i>0.64</i>
Finished Motor Gasoline	8.46	8.61	8.30	8.82	8.52	8.88	<i>8.78</i>	<i>8.80</i>	<i>8.62</i>	<i>8.92</i>	<i>8.77</i>	<i>8.83</i>	8.55	<i>8.75</i>	<i>8.79</i>
Jet Fuel	1.49	1.55	1.52	1.40	1.40	1.39	<i>1.42</i>	<i>1.40</i>	<i>1.40</i>	<i>1.44</i>	<i>1.46</i>	<i>1.42</i>	1.49	<i>1.40</i>	<i>1.43</i>
Distillate Fuel	4.02	4.44	4.23	4.48	4.14	4.08	<i>4.00</i>	<i>4.04</i>	<i>3.89</i>	<i>4.09</i>	<i>4.03</i>	<i>4.09</i>	4.29	<i>4.07</i>	<i>4.03</i>
Residual Fuel	0.63	0.71	0.55	0.59	0.58	0.55	<i>0.59</i>	<i>0.62</i>	<i>0.59</i>	<i>0.55</i>	<i>0.57</i>	<i>0.61</i>	0.62	<i>0.58</i>	<i>0.58</i>
Other Oils (a)	2.55	2.67	2.55	2.48	2.36	2.60	<i>2.60</i>	<i>2.50</i>	<i>2.47</i>	<i>2.59</i>	<i>2.64</i>	<i>2.52</i>	2.56	<i>2.52</i>	<i>2.55</i>
Total Refinery and Blender Net Production	17.71	18.84	17.88	18.16	17.49	18.33	<i>18.16</i>	<i>17.81</i>	<i>17.48</i>	<i>18.42</i>	<i>18.23</i>	<i>17.92</i>	18.15	<i>17.95</i>	<i>18.01</i>
Refinery Distillation Inputs	14.89	15.52	14.72	14.98	14.43	14.92	<i>14.81</i>	<i>14.48</i>	<i>14.34</i>	<i>14.92</i>	<i>14.82</i>	<i>14.51</i>	15.03	<i>14.66</i>	<i>14.65</i>
Refinery Operable Distillation Capacity	17.59	17.60	17.61	17.62	17.67	17.67	<i>17.67</i>	<i>17.67</i>	<i>17.67</i>	<i>17.67</i>	<i>17.67</i>	<i>17.67</i>	17.61	<i>17.67</i>	<i>17.67</i>
Refinery Distillation Utilization Factor	0.85	0.88	0.84	0.85	0.82	0.84	<i>0.84</i>	<i>0.82</i>	<i>0.81</i>	<i>0.84</i>	<i>0.84</i>	<i>0.82</i>	0.85	<i>0.83</i>	<i>0.83</i>

- = no data available

(a) "Other Oils" includes aviation gasoline blend components, finished aviation gasoline, kerosene, petrochemical feedstocks, special naphthas, lubricants, waxes, petroleum coke, asphalt and road oil, still gas, and miscellaneous products.

Notes: The approximate break between historical and forecast values is shown with historical data printed in bold; estimates and forecasts in italics.

Historical data: Latest data available from Energy Information Administration databases supporting the following reports: *Petroleum Supply Monthly*, DOE/EIA-0109; *Petroleum Supply Annual*, DOE/EIA-0340/2; *Weekly Petroleum Status Report*, DOE/EIA-0208.

Minor discrepancies with published historical data are due to independent rounding.

Projections: Generated by simulation of the EIA Regional Short-Term Energy Model.

Table 4c. U.S. Regional Motor Gasoline Prices and Inventories
 Energy Information Administration/Short-Term Energy Outlook - July 2009

	2008				2009				2010				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2008	2009	2010
Prices (cents per gallon)															
Refiner Wholesale Price	249	315	315	154	132	180	<i>201</i>	<i>192</i>	<i>200</i>	<i>211</i>	<i>213</i>	<i>203</i>	258	<i>177</i>	<i>207</i>
Gasoline Regular Grade Retail Prices Excluding Taxes															
PADD 1 (East Coast)	263	325	332	180	140	183	<i>213</i>	<i>204</i>	<i>210</i>	<i>219</i>	<i>224</i>	<i>214</i>	275	<i>186</i>	<i>217</i>
PADD 2 (Midwest)	260	325	331	170	142	188	<i>213</i>	<i>203</i>	<i>209</i>	<i>220</i>	<i>225</i>	<i>214</i>	272	<i>187</i>	<i>217</i>
PADD 3 (Gulf Coast)	260	323	330	172	136	179	<i>209</i>	<i>202</i>	<i>208</i>	<i>218</i>	<i>223</i>	<i>213</i>	271	<i>182</i>	<i>215</i>
PADD 4 (Rocky Mountain)	255	321	343	176	128	182	<i>219</i>	<i>208</i>	<i>206</i>	<i>221</i>	<i>233</i>	<i>219</i>	274	<i>185</i>	<i>220</i>
PADD 5 (West Coast)	268	340	343	191	157	198	<i>228</i>	<i>219</i>	<i>223</i>	<i>239</i>	<i>238</i>	<i>230</i>	286	<i>201</i>	<i>233</i>
U.S. Average	262	327	333	177	142	186	<i>216</i>	<i>206</i>	<i>211</i>	<i>223</i>	<i>227</i>	<i>217</i>	275	<i>188</i>	<i>220</i>
Gasoline Regular Grade Retail Prices Including Taxes															
PADD 1	312	374	383	234	187	229	<i>263</i>	<i>255</i>	<i>259</i>	<i>269</i>	<i>274</i>	<i>264</i>	326	<i>234</i>	<i>267</i>
PADD 2	307	373	381	218	187	231	<i>261</i>	<i>251</i>	<i>256</i>	<i>268</i>	<i>274</i>	<i>262</i>	320	<i>233</i>	<i>265</i>
PADD 3	301	364	374	218	178	221	<i>252</i>	<i>245</i>	<i>250</i>	<i>261</i>	<i>266</i>	<i>256</i>	314	<i>224</i>	<i>258</i>
PADD 4	302	367	391	230	173	226	<i>266</i>	<i>255</i>	<i>253</i>	<i>269</i>	<i>281</i>	<i>268</i>	323	<i>231</i>	<i>268</i>
PADD 5	327	398	406	253	210	252	<i>285</i>	<i>278</i>	<i>280</i>	<i>297</i>	<i>296</i>	<i>287</i>	346	<i>257</i>	<i>290</i>
U.S. Average	311	376	385	230	189	232	<i>265</i>	<i>256</i>	<i>261</i>	<i>273</i>	<i>277</i>	<i>266</i>	326	<i>236</i>	<i>269</i>
Gasoline All Grades Including Taxes	316	381	391	236	194	237	<i>270</i>	<i>261</i>	<i>266</i>	<i>277</i>	<i>282</i>	<i>272</i>	331	<i>241</i>	<i>274</i>
End-of-period Inventories (million barrels)															
Total Gasoline Inventories															
PADD 1	59.4	58.9	45.4	62.6	56.5	55.3	<i>53.4</i>	<i>59.6</i>	<i>59.4</i>	<i>60.0</i>	<i>56.6</i>	<i>60.7</i>	62.6	<i>59.6</i>	<i>60.7</i>
PADD 2	52.7	51.5	49.0	48.2	51.9	50.1	<i>49.2</i>	<i>50.2</i>	<i>48.8</i>	<i>49.0</i>	<i>49.2</i>	<i>50.9</i>	48.2	<i>50.2</i>	<i>50.9</i>
PADD 3	72.1	65.8	62.5	68.7	72.5	70.7	<i>67.1</i>	<i>71.0</i>	<i>71.5</i>	<i>71.7</i>	<i>69.2</i>	<i>71.9</i>	68.7	<i>71.0</i>	<i>71.9</i>
PADD 4	6.7	6.6	6.6	6.9	6.3	6.0	<i>5.9</i>	<i>6.6</i>	<i>6.6</i>	<i>6.2</i>	<i>6.2</i>	<i>6.8</i>	6.9	<i>6.6</i>	<i>6.8</i>
PADD 5	31.3	28.0	26.6	27.1	29.4	29.5	<i>28.0</i>	<i>29.8</i>	<i>29.2</i>	<i>29.2</i>	<i>28.5</i>	<i>29.8</i>	27.1	<i>29.8</i>	<i>29.8</i>
U.S. Total	222.2	210.9	190.0	213.6	216.7	211.6	<i>203.6</i>	<i>217.1</i>	<i>215.5</i>	<i>216.1</i>	<i>209.7</i>	<i>220.2</i>	213.6	<i>217.1</i>	<i>220.2</i>
Finished Gasoline Inventories															
PADD 1	27.0	28.3	19.6	25.7	18.6	18.6	<i>19.7</i>	<i>23.4</i>	<i>21.3</i>	<i>23.2</i>	<i>22.4</i>	<i>24.5</i>	25.7	<i>23.4</i>	<i>24.5</i>
PADD 2	34.8	33.6	30.4	29.5	28.4	26.0	<i>28.7</i>	<i>31.0</i>	<i>29.5</i>	<i>30.1</i>	<i>30.5</i>	<i>32.3</i>	29.5	<i>31.0</i>	<i>32.3</i>
PADD 3	36.3	34.5	32.1	33.9	31.5	31.4	<i>30.8</i>	<i>34.1</i>	<i>33.3</i>	<i>34.7</i>	<i>33.6</i>	<i>35.4</i>	33.9	<i>34.1</i>	<i>35.4</i>
PADD 4	4.7	4.5	4.4	4.7	3.9	4.1	<i>4.1</i>	<i>4.5</i>	<i>4.6</i>	<i>4.5</i>	<i>4.5</i>	<i>4.7</i>	4.7	<i>4.5</i>	<i>4.7</i>
PADD 5	7.8	6.4	6.2	4.6	5.8	5.8	<i>5.3</i>	<i>4.6</i>	<i>5.5</i>	<i>6.4</i>	<i>5.8</i>	<i>5.0</i>	4.6	<i>4.6</i>	<i>5.0</i>
U.S. Total	110.6	107.3	92.6	98.3	88.2	85.8	<i>88.7</i>	<i>97.5</i>	<i>94.3</i>	<i>98.9</i>	<i>96.9</i>	<i>101.9</i>	98.3	<i>97.5</i>	<i>101.9</i>
Gasoline Blending Components Inventories															
PADD 1	32.4	30.6	25.8	37.0	38.0	36.7	<i>33.7</i>	<i>36.2</i>	<i>38.1</i>	<i>36.7</i>	<i>34.2</i>	<i>36.2</i>	37.0	<i>36.2</i>	<i>36.2</i>
PADD 2	17.9	17.9	18.6	18.7	23.4	24.1	<i>20.5</i>	<i>19.2</i>	<i>19.3</i>	<i>18.9</i>	<i>18.7</i>	<i>18.7</i>	18.7	<i>19.2</i>	<i>18.7</i>
PADD 3	35.9	31.3	30.4	34.8	41.1	39.3	<i>36.3</i>	<i>36.9</i>	<i>38.2</i>	<i>37.1</i>	<i>35.6</i>	<i>36.6</i>	34.8	<i>36.9</i>	<i>36.6</i>
PADD 4	1.9	2.2	2.2	2.2	2.4	1.9	<i>1.8</i>	<i>2.1</i>	<i>2.0</i>	<i>1.8</i>	<i>1.7</i>	<i>2.1</i>	2.2	<i>2.1</i>	<i>2.1</i>
PADD 5	23.5	21.6	20.4	22.6	23.6	23.7	<i>22.7</i>	<i>25.2</i>	<i>23.7</i>	<i>22.7</i>	<i>22.7</i>	<i>24.7</i>	22.6	<i>25.2</i>	<i>24.7</i>
U.S. Total	111.6	103.6	97.4	115.2	128.5	125.8	<i>115.0</i>	<i>119.6</i>	<i>121.2</i>	<i>117.2</i>	<i>112.8</i>	<i>118.3</i>	115.2	<i>119.6</i>	<i>118.3</i>

- = no data available

Notes: The approximate break between historical and forecast values is shown with historical data printed in bold; estimates and forecasts in italics.

Regions refer to Petroleum Administration for Defense Districts (PADD).

See "Petroleum for Administration Defense District" in EIA's Energy Glossary (<http://www.eia.doe.gov/glossary/index.html>) for a list of States in each region.

Historical data: Latest data available from Energy Information Administration databases supporting the following reports: *Petroleum Marketing Monthly*, DOE/EIA-0380; *Petroleum Supply Monthly*, DOE/EIA-0109; *Petroleum Supply Annual*, DOE/EIA-0340/2; and *Weekly Petroleum Status Report*, DOE/EIA-0208.

Minor discrepancies with published historical data are due to independent rounding.

Projections: Generated by simulation of the EIA Regional Short-Term Energy Model.

Table 4d. U.S. Regional Heating Oil Prices and Distillate Inventories
 Energy Information Administration/Short-Term Energy Outlook - July 2009

	2008				2009				2010				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2008	2009	2010
Prices (cents per gallon)															
Refiner Wholesale Prices															
Heating Oil	269	347	337	189	145	156	184	197	200	204	203	209	275	166	203
Diesel Fuel	283	365	347	199	138	163	188	197	201	209	208	210	300	170	207
Heating Oil Residential Prices Excluding Taxes															
Northeast	324	381	390	274	238	228	240	263	268	259	258	274	322	244	267
South	327	386	393	272	228	215	234	260	263	252	254	273	322	238	264
Midwest	319	389	382	246	190	198	232	246	250	253	253	260	310	216	254
West	330	399	399	263	217	225	251	262	267	268	269	274	331	238	270
U.S. Average	324	382	390	272	235	226	239	262	267	259	258	273	322	242	266
Heating Oil Residential Prices Including State Taxes															
Northeast	340	400	410	288	250	239	252	276	281	272	271	288	339	256	281
South	342	403	412	284	238	225	245	272	275	264	266	285	336	248	276
Midwest	337	411	403	260	201	209	245	260	264	267	267	275	327	228	268
West	342	413	412	272	225	233	259	272	277	277	278	284	343	246	280
U.S. Average	340	401	409	286	246	237	251	275	280	271	270	287	338	254	280
Total Distillate End-of-period Inventories (million barrels)															
PADD 1 (East Coast)	33.6	42.3	50.8	56.7	54.2	64.7	71.7	69.8	48.6	54.6	66.0	66.2	56.7	69.8	66.2
PADD 2 (Midwest)	28.7	30.3	28.0	32.7	34.6	31.9	30.7	30.3	28.9	30.4	30.0	30.0	32.7	30.3	30.0
PADD 3 (Gulf Coast)	29.9	32.5	33.2	39.7	38.8	43.8	38.1	37.8	34.5	35.6	34.2	36.6	39.7	37.8	36.6
PADD 4 (Rocky Mountain)	3.1	3.4	3.0	3.0	3.4	3.2	2.7	3.2	3.1	3.1	2.8	3.3	3.0	3.2	3.3
PADD 5 (West Coast)	12.5	13.2	12.8	13.9	12.6	11.7	12.1	13.2	12.1	12.4	12.3	13.2	13.9	13.2	13.2
U.S. Total	107.8	121.7	127.7	146.0	143.6	155.3	155.4	154.2	127.1	136.1	145.3	149.3	146.0	154.2	149.3

- = no data available

Notes: The approximate break between historical and forecast values is shown with historical data printed in bold; estimates and forecasts in italics.

Regions refer to Petroleum Administration for Defense Districts (PADD) for inventories and to U.S. Census regions for prices.

See "Petroleum for Administration Defense District" and "Census region" in EIA's Energy Glossary (<http://www.eia.doe.gov/glossary/index.html>) for a list of States in each region.

Historical data: Latest data available from Energy Information Administration databases supporting the following reports: *Petroleum Marketing Monthly*, DOE/EIA-0380;

Petroleum Supply Monthly, DOE/EIA-0109; *Petroleum Supply Annual*, DOE/EIA-0340/2; and *Weekly Petroleum Status Report*, DOE/EIA-0208.

Minor discrepancies with published historical data are due to independent rounding.

Projections: Generated by simulation of the EIA Regional Short-Term Energy Model.

Table 4e. U.S. Regional Propane Prices and Inventories

Energy Information Administration/Short-Term Energy Outlook - July 2009

	2008				2009				2010				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2008	2009	2010
Prices (cents per gallon)															
Propane Wholesale Price (a)	145	166	172	83	68	78	<i>87</i>	<i>95</i>	<i>99</i>	<i>95</i>	<i>95</i>	<i>104</i>	139	<i>82</i>	<i>99</i>
Propane Residential Prices excluding Taxes															
Northeast	270	289	313	267	255	245	<i>228</i>	<i>229</i>	<i>233</i>	<i>229</i>	<i>225</i>	<i>231</i>	277	<i>242</i>	<i>231</i>
South	257	267	273	246	237	215	<i>196</i>	<i>207</i>	<i>217</i>	<i>204</i>	<i>194</i>	<i>211</i>	257	<i>218</i>	<i>210</i>
Midwest	204	217	227	207	204	186	<i>168</i>	<i>174</i>	<i>179</i>	<i>166</i>	<i>157</i>	<i>171</i>	209	<i>187</i>	<i>172</i>
West	258	255	257	224	218	200	<i>180</i>	<i>201</i>	<i>211</i>	<i>192</i>	<i>183</i>	<i>209</i>	248	<i>203</i>	<i>203</i>
U.S. Average	237	251	257	229	223	207	<i>185</i>	<i>196</i>	<i>203</i>	<i>194</i>	<i>181</i>	<i>197</i>	239	<i>207</i>	<i>197</i>
Propane Residential Prices including State Taxes															
Northeast	282	303	328	280	267	256	<i>239</i>	<i>239</i>	<i>244</i>	<i>239</i>	<i>235</i>	<i>242</i>	290	<i>254</i>	<i>242</i>
South	270	281	288	258	249	226	<i>206</i>	<i>218</i>	<i>228</i>	<i>214</i>	<i>204</i>	<i>222</i>	270	<i>230</i>	<i>221</i>
Midwest	216	229	240	218	215	197	<i>177</i>	<i>184</i>	<i>189</i>	<i>175</i>	<i>166</i>	<i>181</i>	221	<i>197</i>	<i>181</i>
West	272	270	270	237	229	211	<i>189</i>	<i>212</i>	<i>222</i>	<i>203</i>	<i>193</i>	<i>220</i>	262	<i>215</i>	<i>214</i>
U.S. Average	250	265	271	241	235	218	<i>195</i>	<i>206</i>	<i>214</i>	<i>204</i>	<i>191</i>	<i>208</i>	251	<i>218</i>	<i>207</i>
Propane End-of-period Inventories (million barrels)															
PADD 1 (East Coast)	2.5	3.8	4.5	3.5	3.1	3.8	<i>4.7</i>	<i>4.4</i>	<i>2.6</i>	<i>4.1</i>	<i>4.8</i>	<i>4.4</i>	3.5	<i>4.4</i>	<i>4.4</i>
PADD 2 (Midwest)	9.0	17.8	24.5	18.4	13.4	23.8	<i>27.9</i>	<i>22.7</i>	<i>11.5</i>	<i>19.5</i>	<i>25.6</i>	<i>21.1</i>	18.4	<i>22.7</i>	<i>21.1</i>
PADD 3 (Gulf Coast)	13.2	19.5	27.5	31.3	22.5	32.6	<i>36.8</i>	<i>30.1</i>	<i>16.2</i>	<i>25.6</i>	<i>34.2</i>	<i>28.9</i>	31.3	<i>30.1</i>	<i>28.9</i>
PADD 4 (Rocky Mountain)	0.4	0.4	0.4	0.4	0.4	0.5	<i>0.5</i>	<i>0.5</i>	<i>0.4</i>	<i>0.4</i>	<i>0.5</i>	<i>0.4</i>	0.4	<i>0.5</i>	<i>0.4</i>
PADD 5 (West Coast)	0.4	0.9	2.1	1.9	0.5	0.9	<i>2.1</i>	<i>1.5</i>	<i>0.3</i>	<i>1.1</i>	<i>2.3</i>	<i>1.7</i>	1.9	<i>1.5</i>	<i>1.7</i>
U.S. Total	25.6	42.5	59.0	55.4	40.0	61.6	<i>72.1</i>	<i>59.2</i>	<i>31.1</i>	<i>50.8</i>	<i>67.4</i>	<i>56.5</i>	55.4	<i>59.2</i>	<i>56.5</i>

- = no data available

(a) Propane price to petrochemical sector.

Notes: The approximate break between historical and forecast values is shown with historical data printed in bold; estimates and forecasts in italics.

Regions refer to Petroleum Administration for Defense Districts (PADD) for inventories and to U.S. Census regions for prices.

 See "Petroleum for Administration Defense District" and "Census region" in EIA's Energy Glossary (<http://www.eia.doe.gov/glossary/index.html>) for a list of States in each region.

Historical data: Latest data available from Energy Information Administration databases supporting the following reports: *Petroleum Marketing Monthly*, DOE/EIA-0380;

Petroleum Supply Monthly, DOE/EIA-0109; *Petroleum Supply Annual*, DOE/EIA-0340/2; and *Weekly Petroleum Status Report*, DOE/EIA-0208.

Minor discrepancies with published historical data are due to independent rounding.

Projections: Generated by simulation of the EIA Regional Short-Term Energy Model.

Table 5a. U.S. Natural Gas Supply, Consumption, and Inventories
 Energy Information Administration/Short-Term Energy Outlook - July 2009

	2008				2009				2010				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2008	2009	2010
Supply (billion cubic feet per day)															
Total Marketed Production	58.34	58.88	57.87	59.26	60.28	59.69	<i>57.48</i>	<i>55.53</i>	<i>55.43</i>	<i>56.19</i>	<i>56.92</i>	<i>57.50</i>	58.59	<i>58.23</i>	<i>56.51</i>
Alaska	1.23	1.03	0.97	1.19	1.22	1.04	<i>0.99</i>	<i>1.16</i>	<i>1.23</i>	<i>1.03</i>	<i>1.01</i>	<i>1.19</i>	1.10	<i>1.10</i>	<i>1.11</i>
Federal GOM (a)	7.81	6.97	5.58	5.28	6.49	6.86	<i>6.61</i>	<i>6.66</i>	<i>6.71</i>	<i>6.63</i>	<i>6.35</i>	<i>6.40</i>	6.41	<i>6.65</i>	<i>6.52</i>
Lower 48 States (excl GOM)	49.30	50.87	51.32	52.79	52.58	51.79	<i>49.88</i>	<i>47.71</i>	<i>47.48</i>	<i>48.53</i>	<i>49.56</i>	<i>49.91</i>	51.07	<i>50.47</i>	<i>48.88</i>
Total Dry Gas Production	55.88	56.36	55.52	56.95	57.84	57.21	<i>55.10</i>	<i>53.23</i>	<i>53.13</i>	<i>53.86</i>	<i>54.56</i>	<i>55.11</i>	56.18	<i>55.83</i>	<i>54.17</i>
Gross Imports	12.12	9.92	10.46	11.01	11.19	10.14	<i>10.40</i>	<i>10.03</i>	<i>11.07</i>	<i>10.56</i>	<i>11.23</i>	<i>10.94</i>	10.88	<i>10.44</i>	<i>10.95</i>
Pipeline	11.29	8.86	9.39	10.13	10.23	8.23	<i>8.71</i>	<i>9.05</i>	<i>9.45</i>	<i>8.13</i>	<i>8.91</i>	<i>9.28</i>	9.92	<i>9.05</i>	<i>8.94</i>
LNG	0.83	1.06	1.07	0.88	0.96	1.91	<i>1.69</i>	<i>0.98</i>	<i>1.62</i>	<i>2.43</i>	<i>2.32</i>	<i>1.66</i>	0.96	<i>1.39</i>	<i>2.01</i>
Gross Exports	3.52	2.39	2.10	2.98	3.68	2.10	<i>1.98</i>	<i>2.82</i>	<i>3.51</i>	<i>2.38</i>	<i>2.16</i>	<i>3.00</i>	2.75	<i>2.64</i>	<i>2.76</i>
Net Imports	8.60	7.53	8.36	8.03	7.50	8.04	<i>8.42</i>	<i>7.21</i>	<i>7.56</i>	<i>8.19</i>	<i>9.07</i>	<i>7.95</i>	8.13	<i>7.80</i>	<i>8.20</i>
Supplemental Gaseous Fuels	0.12	0.14	0.16	0.17	0.20	0.15	<i>0.15</i>	<i>0.16</i>	<i>0.16</i>	<i>0.14</i>	<i>0.15</i>	<i>0.17</i>	0.15	<i>0.16</i>	<i>0.16</i>
Net Inventory Withdrawals	18.08	-10.25	-10.79	3.53	12.96	-11.97	<i>-8.08</i>	<i>4.65</i>	<i>16.17</i>	<i>-9.63</i>	<i>-8.79</i>	<i>4.08</i>	0.12	<i>-0.65</i>	<i>0.40</i>
Total Supply	82.67	53.79	53.25	68.68	78.50	53.43	<i>55.59</i>	<i>65.25</i>	<i>77.04</i>	<i>52.56</i>	<i>55.00</i>	<i>67.31</i>	64.58	<i>63.14</i>	<i>62.93</i>
Balancing Item (b)	-0.49	1.39	-0.27	-4.79	1.04	-0.32	<i>-1.62</i>	<i>-3.21</i>	<i>1.07</i>	<i>0.90</i>	<i>-0.74</i>	<i>-4.59</i>	-1.05	<i>-1.04</i>	<i>-0.86</i>
Total Primary Supply	82.18	55.17	52.98	63.89	79.54	53.11	<i>53.97</i>	<i>62.04</i>	<i>78.10</i>	<i>53.46</i>	<i>54.26</i>	<i>62.72</i>	63.53	<i>62.10</i>	<i>62.07</i>
Consumption (billion cubic feet per day)															
Residential	25.89	8.52	3.77	15.23	25.41	8.35	<i>3.89</i>	<i>15.01</i>	<i>25.36</i>	<i>8.51</i>	<i>3.92</i>	<i>14.95</i>	13.33	<i>13.11</i>	<i>13.13</i>
Commercial	14.31	6.26	4.15	9.48	14.29	6.06	<i>4.33</i>	<i>9.14</i>	<i>14.19</i>	<i>6.33</i>	<i>4.32</i>	<i>9.14</i>	8.54	<i>8.43</i>	<i>8.47</i>
Industrial	20.56	17.65	16.71	17.71	18.09	15.82	<i>15.73</i>	<i>17.03</i>	<i>18.50</i>	<i>16.26</i>	<i>15.70</i>	<i>17.01</i>	18.15	<i>16.66</i>	<i>16.86</i>
Electric Power (c)	15.63	17.65	23.36	16.12	15.90	17.78	<i>25.04</i>	<i>15.75</i>	<i>14.48</i>	<i>17.46</i>	<i>25.39</i>	<i>16.38</i>	18.20	<i>18.64</i>	<i>18.45</i>
Lease and Plant Fuel	3.49	3.53	3.46	3.55	3.61	3.57	<i>3.44</i>	<i>3.32</i>	<i>3.32</i>	<i>3.36</i>	<i>3.41</i>	<i>3.44</i>	3.51	<i>3.49</i>	<i>3.38</i>
Pipeline and Distribution Use	2.22	1.48	1.43	1.73	2.15	1.44	<i>1.46</i>	<i>1.69</i>	<i>2.17</i>	<i>1.44</i>	<i>1.43</i>	<i>1.70</i>	1.71	<i>1.69</i>	<i>1.68</i>
Vehicle Use	0.08	0.08	0.08	0.08	0.09	0.09	<i>0.09</i>	<i>0.09</i>	<i>0.09</i>	<i>0.09</i>	<i>0.09</i>	<i>0.09</i>	0.08	<i>0.09</i>	<i>0.09</i>
Total Consumption	82.18	55.17	52.98	63.89	79.54	53.11	<i>53.97</i>	<i>62.04</i>	<i>78.10</i>	<i>53.46</i>	<i>54.26</i>	<i>62.72</i>	63.53	<i>62.10</i>	<i>62.07</i>
End-of-period Inventories (billion cubic feet)															
Working Gas Inventory	1,247	2,171	3,163	2,840	1,656	2,740	<i>3,483</i>	<i>3,056</i>	<i>1,600</i>	<i>2,476</i>	<i>3,285</i>	<i>2,909</i>	2,840	<i>3,056</i>	<i>2,909</i>
Producing Region (d)	497	705	845	901	734	1,009	<i>1,069</i>	<i>1,001</i>	<i>684</i>	<i>879</i>	<i>980</i>	<i>918</i>	901	<i>1,001</i>	<i>918</i>
East Consuming Region (d)	574	1,157	1,887	1,552	644	1,300	<i>1,929</i>	<i>1,644</i>	<i>667</i>	<i>1,230</i>	<i>1,853</i>	<i>1,594</i>	1,552	<i>1,644</i>	<i>1,594</i>
West Consuming Region (d)	176	310	431	388	279	431	<i>485</i>	<i>411</i>	<i>249</i>	<i>367</i>	<i>452</i>	<i>398</i>	388	<i>411</i>	<i>398</i>

- = no data available

(a) Marketed production from U.S. Federal leases in the Gulf of Mexico.

(b) The balancing item represents the difference between the sum of the components of natural gas supply and the sum of components of natural gas demand.

(c) Natural gas used for electricity generation and (a limited amount of) useful thermal output by electric utilities and independent power producers.

(d) For a list of States in each inventory region refer to *Methodology for EIA Weekly Underground Natural Gas Storage Estimates* (<http://tonto.eia.doe.gov/oog/info/ngs/methodology.html>).

Notes: The approximate break between historical and forecast values is shown with historical data printed in bold; estimates and forecasts in italics.

LNG: liquefied natural gas.

Historical data: Latest data available from Energy Information Administration databases supporting the following reports: *Natural Gas Monthly*, DOE/EIA-0130; and *Electric Power Monthly*, DOE/EIA-0226.

Minor discrepancies with published historical data are due to independent rounding.

Projections: Generated by simulation of the EIA Regional Short-Term Energy Model.

Table 5b. U.S. Regional Natural Gas Consumption (Billion Cubic Feet/ Day)

Energy Information Administration/Short-Term Energy Outlook - July 2009

	2008				2009				2010				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2008	2009	2010
Residential Sector															
New England	0.98	0.39	0.16	0.50	0.98	0.37	<i>0.15</i>	<i>0.51</i>	<i>1.05</i>	<i>0.42</i>	<i>0.15</i>	<i>0.50</i>	0.51	<i>0.50</i>	<i>0.53</i>
Middle Atlantic	4.46	1.57	0.63	2.66	4.78	1.51	<i>0.65</i>	<i>2.62</i>	<i>4.63</i>	<i>1.64</i>	<i>0.66</i>	<i>2.65</i>	2.33	<i>2.38</i>	<i>2.39</i>
E. N. Central	7.65	2.32	0.85	4.57	7.50	2.25	<i>0.87</i>	<i>4.32</i>	<i>7.12</i>	<i>2.22</i>	<i>0.87</i>	<i>4.33</i>	3.84	<i>3.72</i>	<i>3.62</i>
W. N. Central	2.65	0.79	0.27	1.40	2.51	0.72	<i>0.28</i>	<i>1.36</i>	<i>2.37</i>	<i>0.70</i>	<i>0.28</i>	<i>1.40</i>	1.28	<i>1.21</i>	<i>1.18</i>
S. Atlantic	2.25	0.58	0.32	1.61	2.44	0.60	<i>0.33</i>	<i>1.51</i>	<i>2.43</i>	<i>0.64</i>	<i>0.34</i>	<i>1.47</i>	1.19	<i>1.22</i>	<i>1.22</i>
E. S. Central	1.06	0.26	0.11	0.60	1.03	0.25	<i>0.12</i>	<i>0.54</i>	<i>1.05</i>	<i>0.27</i>	<i>0.12</i>	<i>0.54</i>	0.51	<i>0.48</i>	<i>0.49</i>
W. S. Central	1.88	0.51	0.28	0.95	1.70	0.57	<i>0.31</i>	<i>0.91</i>	<i>1.91</i>	<i>0.54</i>	<i>0.32</i>	<i>0.89</i>	0.91	<i>0.87</i>	<i>0.91</i>
Mountain	1.98	0.70	0.31	1.13	1.67	0.70	<i>0.33</i>	<i>1.30</i>	<i>1.94</i>	<i>0.69</i>	<i>0.33</i>	<i>1.25</i>	1.03	<i>1.00</i>	<i>1.05</i>
Pacific	2.97	1.41	0.83	1.80	2.80	1.37	<i>0.83</i>	<i>1.93</i>	<i>2.85</i>	<i>1.39</i>	<i>0.84</i>	<i>1.92</i>	1.75	<i>1.73</i>	<i>1.75</i>
Total	25.89	8.52	3.77	15.23	25.41	8.35	<i>3.89</i>	<i>15.01</i>	<i>25.36</i>	<i>8.51</i>	<i>3.92</i>	<i>14.95</i>	13.33	<i>13.11</i>	<i>13.13</i>
Commercial Sector															
New England	0.60	0.26	0.15	0.33	0.61	0.25	<i>0.15</i>	<i>0.34</i>	<i>0.61</i>	<i>0.26</i>	<i>0.14</i>	<i>0.34</i>	0.34	<i>0.34</i>	<i>0.33</i>
Middle Atlantic	2.70	1.19	0.86	1.86	2.81	1.17	<i>0.91</i>	<i>1.74</i>	<i>2.78</i>	<i>1.28</i>	<i>0.90</i>	<i>1.73</i>	1.65	<i>1.65</i>	<i>1.66</i>
E. N. Central	3.71	1.30	0.69	2.34	3.75	1.26	<i>0.76</i>	<i>2.17</i>	<i>3.57</i>	<i>1.32</i>	<i>0.75</i>	<i>2.18</i>	2.01	<i>1.98</i>	<i>1.95</i>
W. N. Central	1.56	0.55	0.29	0.95	1.53	0.53	<i>0.31</i>	<i>0.90</i>	<i>1.46</i>	<i>0.52</i>	<i>0.31</i>	<i>0.91</i>	0.84	<i>0.82</i>	<i>0.80</i>
S. Atlantic	1.51	0.71	0.56	1.20	1.61	0.70	<i>0.56</i>	<i>1.14</i>	<i>1.62</i>	<i>0.74</i>	<i>0.56</i>	<i>1.13</i>	0.99	<i>1.00</i>	<i>1.01</i>
E. S. Central	0.65	0.25	0.17	0.42	0.63	0.23	<i>0.18</i>	<i>0.38</i>	<i>0.64</i>	<i>0.24</i>	<i>0.18</i>	<i>0.38</i>	0.37	<i>0.35</i>	<i>0.36</i>
W. S. Central	1.13	0.60	0.47	0.74	1.08	0.60	<i>0.48</i>	<i>0.74</i>	<i>1.15</i>	<i>0.58</i>	<i>0.49</i>	<i>0.75</i>	0.73	<i>0.72</i>	<i>0.74</i>
Mountain	1.08	0.50	0.28	0.67	0.95	0.49	<i>0.30</i>	<i>0.70</i>	<i>1.03</i>	<i>0.49</i>	<i>0.30</i>	<i>0.70</i>	0.63	<i>0.61</i>	<i>0.63</i>
Pacific	1.35	0.89	0.68	0.98	1.32	0.83	<i>0.68</i>	<i>1.03</i>	<i>1.33</i>	<i>0.90</i>	<i>0.70</i>	<i>1.03</i>	0.98	<i>0.96</i>	<i>0.99</i>
Total	14.31	6.26	4.15	9.48	14.29	6.06	<i>4.33</i>	<i>9.14</i>	<i>14.19</i>	<i>6.33</i>	<i>4.32</i>	<i>9.14</i>	8.54	<i>8.43</i>	<i>8.47</i>
Industrial Sector															
New England	0.36	0.21	0.15	0.24	0.34	0.22	<i>0.16</i>	<i>0.22</i>	<i>0.30</i>	<i>0.21</i>	<i>0.16</i>	<i>0.21</i>	0.24	<i>0.23</i>	<i>0.22</i>
Middle Atlantic	1.13	0.83	0.74	0.88	0.99	0.76	<i>0.72</i>	<i>0.86</i>	<i>1.01</i>	<i>0.80</i>	<i>0.72</i>	<i>0.86</i>	0.89	<i>0.83</i>	<i>0.85</i>
E. N. Central	3.82	2.85	2.53	2.93	3.32	2.40	<i>2.35</i>	<i>2.98</i>	<i>3.51</i>	<i>2.59</i>	<i>2.34</i>	<i>2.96</i>	3.03	<i>2.76</i>	<i>2.85</i>
W. N. Central	1.66	1.32	1.26	1.44	1.53	1.15	<i>1.12</i>	<i>1.24</i>	<i>1.31</i>	<i>1.07</i>	<i>1.12</i>	<i>1.25</i>	1.42	<i>1.26</i>	<i>1.19</i>
S. Atlantic	1.59	1.42	1.34	1.31	1.36	1.26	<i>1.24</i>	<i>1.35</i>	<i>1.46</i>	<i>1.30</i>	<i>1.22</i>	<i>1.33</i>	1.42	<i>1.30</i>	<i>1.33</i>
E. S. Central	1.40	1.21	1.11	1.14	1.16	1.04	<i>0.99</i>	<i>1.12</i>	<i>1.22</i>	<i>1.05</i>	<i>0.97</i>	<i>1.10</i>	1.21	<i>1.08</i>	<i>1.08</i>
W. S. Central	7.06	6.67	6.41	6.36	6.06	6.03	<i>6.13</i>	<i>6.10</i>	<i>6.44</i>	<i>6.24</i>	<i>6.14</i>	<i>6.12</i>	6.62	<i>6.08</i>	<i>6.23</i>
Mountain	0.96	0.76	0.69	0.85	0.88	0.72	<i>0.66</i>	<i>0.77</i>	<i>0.83</i>	<i>0.69</i>	<i>0.65</i>	<i>0.77</i>	0.82	<i>0.76</i>	<i>0.74</i>
Pacific	2.58	2.37	2.48	2.56	2.45	2.23	<i>2.34</i>	<i>2.40</i>	<i>2.42</i>	<i>2.32</i>	<i>2.38</i>	<i>2.40</i>	2.50	<i>2.36</i>	<i>2.38</i>
Total	20.56	17.65	16.71	17.71	18.09	15.82	<i>15.73</i>	<i>17.03</i>	<i>18.50</i>	<i>16.26</i>	<i>15.70</i>	<i>17.01</i>	18.15	<i>16.66</i>	<i>16.86</i>

- = no data available

Notes: The approximate break between historical and forecast values is shown with historical data printed in bold; estimates and forecasts in italics.

Regions refer to U.S. Census divisions.

See "Census division" in EIA's Energy Glossary (<http://www.eia.doe.gov/glossary/index.html>) for a list of States in each region.**Historical data:** Latest data available from Energy Information Administration databases supporting the *Natural Gas Monthly*, DOE/EIA-0130.

Minor discrepancies with published historical data are due to independent rounding.

Projections: Generated by simulation of the EIA Regional Short-Term Energy Model.

Table 5c. U.S. Regional Natural Gas Prices (dollars per thousand cubic feet)

Energy Information Administration/Short-Term Energy Outlook - July 2009

	2008				2009				2010				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2008	2009	2010
Wholesale/Spot															
U.S. Average Wellhead	7.62	9.86	8.81	6.06	4.35	3.43	3.39	3.82	4.91	5.01	5.02	5.54	8.08	3.75	5.12
Henry Hub Spot Price	8.92	11.73	9.29	6.60	4.71	3.83	3.88	4.47	5.83	5.74	5.70	6.42	9.13	4.22	5.93
Residential															
New England	16.19	17.98	21.63	17.46	17.28	16.84	17.39	14.63	14.51	14.54	17.69	15.83	17.27	16.52	15.06
Middle Atlantic	14.69	17.29	22.09	16.77	15.15	14.74	16.67	12.88	12.32	13.44	17.31	14.20	16.23	14.56	13.38
E. N. Central	11.39	14.94	19.51	12.43	10.96	10.36	13.19	9.46	9.39	10.77	14.62	11.12	12.68	10.56	10.44
W. N. Central	11.20	14.36	20.21	11.07	10.22	10.90	14.58	10.29	10.20	11.34	15.43	11.25	12.14	10.60	11.00
S. Atlantic	15.29	20.88	27.01	16.87	14.65	18.50	22.28	15.53	14.08	17.21	22.13	16.04	17.30	15.93	15.66
E. S. Central	13.41	17.51	23.07	15.09	13.43	14.61	17.41	13.63	12.31	13.92	18.01	14.84	14.98	13.89	13.58
W. S. Central	11.93	17.93	21.40	12.74	11.36	12.68	15.24	11.69	10.76	13.28	16.36	13.15	13.72	12.01	12.22
Mountain	10.45	12.37	15.59	10.80	10.58	9.86	12.19	8.78	9.30	9.57	12.59	9.67	11.26	10.00	9.72
Pacific	12.12	14.37	15.54	11.24	10.74	9.69	9.42	8.97	9.75	10.18	10.91	10.54	12.75	9.87	10.19
U.S. Average	12.44	15.58	19.25	13.32	12.20	11.96	13.70	10.84	10.77	11.81	14.66	12.14	13.67	11.88	11.63
Commercial															
New England	14.22	15.31	17.33	14.81	14.23	12.34	10.90	11.67	12.44	12.04	12.03	13.14	14.88	12.88	12.50
Middle Atlantic	12.97	14.40	14.71	13.07	12.23	9.89	8.52	9.79	10.43	10.14	9.97	11.45	13.42	10.53	10.54
E. N. Central	10.45	13.06	14.97	11.11	9.75	7.89	8.02	7.99	8.77	9.08	9.53	9.55	11.34	8.77	9.10
W. N. Central	10.59	12.25	13.72	9.60	9.45	8.19	7.80	7.70	8.65	8.79	9.12	9.25	10.82	8.62	8.89
S. Atlantic	13.00	14.61	15.80	13.29	12.21	10.87	10.21	10.75	11.00	10.79	11.19	11.88	13.70	11.16	11.20
E. S. Central	12.41	14.65	16.50	13.68	12.33	10.72	10.27	10.68	10.96	10.86	10.96	11.71	13.57	11.37	11.15
W. S. Central	10.61	13.11	13.50	10.58	9.64	7.91	7.77	8.14	8.30	8.42	9.10	9.69	11.53	8.60	8.80
Mountain	9.48	10.53	11.59	9.76	9.32	8.22	8.05	7.55	7.80	7.88	8.59	8.73	9.98	8.43	8.17
Pacific	11.23	12.45	13.15	10.58	10.27	8.55	7.42	7.98	8.97	8.37	8.56	9.42	11.63	8.82	8.89
U.S. Average	11.35	13.12	14.17	11.46	10.67	9.03	8.51	8.82	9.44	9.36	9.67	10.21	11.99	9.56	9.65
Industrial															
New England	13.06	14.65	15.55	12.93	13.70	10.91	8.51	9.92	11.19	10.31	9.81	11.66	13.70	11.30	10.88
Middle Atlantic	12.43	13.33	14.19	13.19	11.39	8.21	6.99	8.38	9.52	8.61	8.37	10.09	13.04	9.10	9.28
E. N. Central	9.85	11.74	12.41	9.91	9.44	6.93	6.47	6.85	7.96	7.89	7.86	8.52	10.57	7.84	8.09
W. N. Central	9.12	10.35	10.37	7.67	7.80	5.40	4.83	5.41	7.12	6.44	6.14	7.17	9.27	5.99	6.77
S. Atlantic	10.65	12.63	13.09	10.57	8.67	6.42	6.19	7.20	8.11	7.74	7.85	9.02	11.64	7.07	8.20
E. S. Central	9.46	11.60	11.94	9.44	7.99	5.72	5.68	6.60	7.65	7.12	7.21	8.20	10.53	6.54	7.57
W. S. Central	8.12	10.91	10.35	6.70	4.73	4.09	4.13	4.54	5.76	5.83	5.71	6.40	9.09	4.35	5.92
Mountain	9.33	10.03	10.08	8.40	8.31	6.99	6.31	6.46	7.25	6.96	6.96	7.70	9.38	7.07	7.24
Pacific	9.74	10.81	10.95	8.95	8.47	6.93	5.56	6.31	7.00	6.08	6.11	7.52	10.07	6.80	6.67
U.S. Average	8.88	11.09	10.78	7.63	6.55	4.90	4.66	5.24	6.61	6.27	6.11	6.99	9.58	5.32	6.50

- = no data available

Notes: The approximate break between historical and forecast values is shown with historical data printed in bold; estimates and forecasts in italics.

Regions refer to U.S. Census divisions.

 See "Census division" in EIA's Energy Glossary (<http://www.eia.doe.gov/glossary/index.html>) for a list of States in each region.

Historical data: Latest data available from Energy Information Administration databases supporting the *Natural Gas Monthly*, DOE/EIA-0130.

 Natural gas Henry Hub spot price from NGI's *Daily Gas Price Index* (<http://Intelligencepress.com>).

Minor discrepancies with published historical data are due to independent rounding.

Projections: Generated by simulation of the EIA Regional Short-Term Energy Model.

Table 6. U.S. Coal Supply, Consumption, and Inventories
 Energy Information Administration/Short-Term Energy Outlook - July 2009

	2008				2009				2010				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2008	2009	2010
Supply (million short tons)															
Production	289.1	283.9	299.0	299.4	281.4	256.7	266.3	274.1	266.5	260.2	269.9	287.8	1171.5	1078.6	1084.4
Appalachia	97.8	99.1	95.4	98.6	94.8	87.3	87.2	87.1	90.1	90.1	87.4	91.5	390.8	356.5	359.1
Interior	35.5	35.0	37.9	38.7	37.1	32.7	32.7	33.8	32.7	32.1	34.3	35.5	147.1	136.3	134.6
Western	155.8	149.8	165.8	162.2	149.6	136.6	146.4	153.2	143.6	138.0	148.2	160.9	633.6	585.8	590.7
Primary Inventory Withdrawals	1.5	1.1	1.2	2.9	-1.6	-3.0	7.6	-0.3	-4.2	-3.0	7.6	-0.3	6.7	2.6	0.0
Imports	7.6	9.0	8.5	9.1	6.3	5.8	6.3	8.0	8.1	9.4	9.4	9.2	34.2	26.5	36.1
Exports	15.8	23.1	20.3	22.3	13.3	14.9	18.7	16.4	15.0	21.4	23.2	21.0	81.5	63.2	80.5
Metallurgical Coal	9.1	12.6	10.6	10.4	8.5	5.9	7.5	9.2	6.3	9.0	9.9	11.9	42.5	31.1	37.1
Steam Coal	6.7	10.5	9.8	12.0	4.9	9.0	11.2	7.2	8.7	12.5	13.3	9.1	39.0	32.2	43.5
Total Primary Supply	282.5	270.9	288.3	289.1	272.9	244.5	261.6	265.4	255.4	245.1	263.7	275.7	1130.8	1044.4	1039.9
Secondary Inventory Withdrawals	5.1	-7.4	7.6	-18.4	-12.7	-10.0	18.4	-6.0	3.5	-0.5	17.8	-16.9	-13.1	-10.3	4.0
Waste Coal (a)	3.3	3.3	3.5	3.7	3.0	3.7	3.7	3.7	3.7	3.7	3.7	3.7	13.7	14.3	15.0
Total Supply	290.8	266.7	299.5	274.5	263.2	238.3	283.8	263.2	262.7	248.4	285.3	262.5	1131.5	1048.4	1058.9
Consumption (million short tons)															
Coke Plants	5.5	5.6	5.8	5.2	4.4	3.3	3.0	3.0	3.4	3.5	3.2	3.4	22.1	13.7	13.5
Electric Power Sector (b)	263.3	247.9	279.2	251.2	237.5	227.0	272.3	250.2	248.7	234.6	271.8	247.9	1041.6	987.0	1003.0
Retail and Other Industry	15.2	14.6	14.3	14.0	13.2	11.8	8.6	10.0	10.6	10.2	10.2	11.2	58.0	43.5	42.3
Residential and Commercial	1.1	0.7	0.7	0.9	1.1	0.6	0.6	1.0	0.9	0.6	0.6	1.0	3.5	3.2	3.1
Other Industrial	14.1	13.9	13.6	13.0	12.1	11.2	8.0	9.0	9.6	9.6	9.6	10.3	54.5	40.2	39.2
Total Consumption	284.0	268.1	299.3	270.4	255.1	242.1	283.8	263.2	262.7	248.4	285.3	262.5	1121.7	1044.2	1058.9
Discrepancy (c)	6.8	-1.4	0.2	4.1	8.1	-3.9	0.0	0.0	0.0	0.0	0.0	0.0	9.8	4.2	0.0
End-of-period Inventories (million short tons)															
Primary Inventories (d)	32.5	31.4	30.2	27.3	28.9	31.9	24.3	24.7	28.9	31.9	24.3	24.7	27.3	24.7	24.7
Secondary Inventories	153.7	161.1	153.5	171.9	184.6	194.6	176.2	182.2	178.6	179.1	161.3	178.2	171.9	182.2	178.2
Electric Power Sector	147.0	153.9	145.8	163.1	176.6	186.4	167.3	173.0	169.7	169.8	151.6	168.3	163.1	173.0	168.3
Retail and General Industry	4.8	5.0	5.2	6.0	5.4	5.6	6.1	6.5	6.5	6.8	7.1	7.4	6.0	6.5	7.4
Coke Plants	1.5	1.8	2.0	2.3	2.1	2.1	2.2	2.1	1.9	1.9	2.0	1.9	2.3	2.1	1.9
Coal Market Indicators															
Coal Miner Productivity (Tons per hour)	6.27	6.27	6.27	6.17	6.00	6.00	6.00	6.00	5.90	5.90	5.90	5.90	6.24	6.00	5.90
Total Raw Steel Production (Million short tons per day)	0.302	0.303	0.298	0.200	0.146	0.152	0.152	0.159	0.132	0.121	0.137	0.124	0.276	0.152	0.129
Cost of Coal to Electric Utilities (Dollars per million Btu)	1.91	2.04	2.16	2.18	2.27	2.19	2.11	2.05	2.04	2.02	2.01	2.00	2.07	2.15	2.02

- = no data available

(a) Waste coal includes waste coal and coal slurry reprocessed into briquettes.

(b) Coal used for electricity generation and (a limited amount of) useful thermal output by electric utilities and independent power producers.

(c) The discrepancy reflects an unaccounted-for shipper and receiver reporting difference, assumed to be zero in the forecast period.

(d) Primary stocks are held at the mines and distribution points.

Notes: The approximate break between historical and forecast values is shown with historical data printed in bold; estimates and forecasts in italics.

Historical data: Latest data available from Energy Information Administration databases supporting the following reports: *Quarterly Coal Report*, DOE/EIA-0121; and *Electric Power Monthly*, DOE/EIA-0226.

Minor discrepancies with published historical data are due to independent rounding.

Projections: Generated by simulation of the EIA Regional Short-Term Energy Model.

Table 7a. U.S. Electricity Industry Overview

Energy Information Administration/Short-Term Energy Outlook - July 2009

	2008				2009				2010				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2008	2009	2010
Electricity Supply (billion kilowatthours per day)															
Electricity Generation	11.10	11.00	12.25	10.56	10.71	10.62	12.30	10.50	10.83	10.80	12.37	10.55	11.23	11.04	11.14
Electric Power Sector (a)	10.70	10.61	11.85	10.19	10.34	10.26	11.91	10.13	10.45	10.44	11.98	10.19	10.84	10.66	10.77
Industrial Sector	0.38	0.37	0.38	0.34	0.36	0.34	0.37	0.34	0.36	0.34	0.36	0.34	0.37	0.35	0.35
Commercial Sector	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Net Imports	0.09	0.09	0.13	0.05	0.07	0.07	0.09	0.05	0.06	0.06	0.08	0.04	0.09	0.07	0.06
Total Supply	11.20	11.09	12.38	10.61	10.78	10.69	12.39	10.54	10.89	10.86	12.45	10.60	11.32	11.10	11.20
Losses and Unaccounted for (b) ...	0.63	0.88	0.74	0.71	0.54	0.89	0.81	0.72	0.61	0.89	0.80	0.72	0.74	0.74	0.75
Electricity Consumption (billion kilowatthours per day)															
Retail Sales	10.14	9.80	11.22	9.51	9.85	9.42	11.17	9.44	9.88	9.59	11.25	9.50	10.17	9.97	10.06
Residential Sector	3.94	3.35	4.34	3.44	3.97	3.30	4.48	3.45	3.95	3.42	4.55	3.52	3.77	3.80	3.86
Commercial Sector	3.52	3.65	4.09	3.52	3.50	3.60	4.08	3.53	3.50	3.66	4.14	3.58	3.70	3.68	3.72
Industrial Sector	2.66	2.77	2.77	2.53	2.35	2.50	2.59	2.44	2.40	2.50	2.53	2.38	2.68	2.47	2.45
Transportation Sector	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Direct Use (c)	0.43	0.41	0.43	0.38	0.40	0.38	0.41	0.39	0.40	0.38	0.41	0.38	0.41	0.39	0.39
Total Consumption	10.57	10.21	11.64	9.90	10.25	9.80	11.58	9.82	10.28	9.97	11.66	9.88	10.58	10.37	10.45
Prices															
Power Generation Fuel Costs (dollars per million Btu)															
Coal	1.91	2.04	2.16	2.18	2.27	2.19	2.11	2.05	2.04	2.02	2.01	2.00	2.07	2.15	2.02
Natural Gas	8.57	11.08	9.75	6.67	5.44	4.16	3.96	4.49	5.82	5.75	5.72	6.30	9.13	4.43	5.88
Residual Fuel Oil	12.90	15.44	17.75	10.28	7.26	8.75	10.24	10.59	10.85	10.95	10.97	11.28	14.40	8.98	11.01
Distillate Fuel Oil	18.86	23.38	23.99	14.88	11.40	11.33	13.33	14.08	14.29	14.52	14.65	14.91	20.27	12.54	14.60
End-Use Prices (cents per kilowatthour)															
Residential Sector	10.4	11.5	12.1	11.4	11.2	12.1	12.5	11.8	11.4	12.5	12.9	12.2	11.4	11.9	12.3
Commercial Sector	9.5	10.3	11.0	10.2	10.1	10.5	11.2	10.5	10.4	11.0	11.6	10.9	10.3	10.6	11.0
Industrial Sector	6.4	6.9	7.6	7.1	6.9	7.1	7.7	7.3	7.2	7.5	8.1	7.6	7.0	7.3	7.6

- = no data available

(a) Electric utilities and independent power producers.

(b) Includes transmission and distribution losses, data collection time-frame differences, and estimation error.

(c) Direct Use represents commercial and industrial facility use of onsite net electricity generation; and electrical sales or transfers to adjacent or collocated facilities for which revenue information is not available. See Table 7.6 of the EIA *Monthly Energy Review*.

Notes: The approximate break between historical and forecast values is shown with historical data printed in bold; estimates and forecasts in italics.

Historical data: Latest data available from Energy Information Administration databases supporting the following reports: *Electric Power Monthly*, DOE/EIA-0226; and *Electric Power Annual*, DOE/EIA-0348.

Minor discrepancies with published historical data are due to independent rounding.

Projections: Generated by simulation of the EIA Regional Short-Term Energy Model.

Table 7b. U.S. Regional Electricity Retail Sales (Million Kilowatthours per Day)

Energy Information Administration/Short-Term Energy Outlook - July 2009

	2008				2009				2010				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2008	2009	2010
Residential Sector															
New England	140	112	138	123	144	113	140	125	142	116	141	126	128	130	131
Middle Atlantic	385	318	407	336	399	314	417	336	391	323	424	342	362	366	370
E. N. Central	575	439	562	497	570	429	587	489	567	456	587	495	519	519	526
W. N. Central	316	237	308	263	315	238	326	257	306	249	336	266	281	284	289
S. Atlantic	954	861	1,110	857	997	830	1,137	852	973	857	1,156	867	946	954	964
E. S. Central	355	281	383	293	355	277	399	293	356	292	404	298	328	331	337
W. S. Central	502	500	680	445	495	488	716	466	500	507	728	474	532	542	553
Mountain	250	228	324	225	239	233	328	231	248	239	335	236	257	258	265
Pacific contiguous	446	362	416	385	442	361	420	391	455	366	427	398	402	403	411
AK and HI	16	13	13	14	15	13	14	15	16	14	14	15	14	14	15
Total	3,938	3,352	4,342	3,439	3,972	3,296	4,483	3,454	3,954	3,417	4,552	3,516	3,769	3,802	3,861
Commercial Sector															
New England	154	150	168	146	133	142	168	148	150	147	164	146	155	148	152
Middle Atlantic	447	434	493	431	449	433	496	432	451	440	501	437	451	452	457
E. N. Central	552	547	608	540	553	540	595	527	545	553	613	543	562	554	564
W. N. Central	262	260	290	261	263	261	296	259	261	266	302	265	268	270	273
S. Atlantic	782	840	931	785	786	816	917	781	770	827	940	801	835	825	835
E. S. Central	217	228	263	216	215	228	268	221	215	230	269	221	231	233	234
W. S. Central	407	460	519	417	417	463	535	438	412	467	543	444	451	463	467
Mountain	240	257	290	250	237	258	292	251	243	265	297	256	259	260	266
Pacific contiguous	443	456	508	458	432	446	494	451	433	443	497	453	466	456	457
AK and HI	17	17	17	17	17	17	18	18	18	17	18	18	17	17	18
Total	3,521	3,649	4,087	3,522	3,503	3,603	4,077	3,527	3,498	3,657	4,143	3,584	3,695	3,679	3,722
Industrial Sector															
New England	60	63	64	59	79	72	73	70	71	72	75	71	62	73	72
Middle Atlantic	196	202	202	188	177	188	200	189	183	187	191	180	197	189	185
E. N. Central	532	534	526	486	445	453	454	432	428	439	439	417	519	446	431
W. N. Central	231	235	245	230	203	220	238	226	216	224	234	222	235	222	224
S. Atlantic	409	434	426	383	348	379	396	370	365	382	384	359	413	373	373
E. S. Central	369	362	348	345	313	324	324	330	326	328	319	324	356	323	324
W. S. Central	415	455	441	386	366	406	417	383	378	397	398	366	424	393	385
Mountain	210	232	242	213	196	222	237	209	210	232	241	213	224	216	224
Pacific contiguous	225	242	258	230	211	225	239	214	211	223	238	214	239	222	222
AK and HI	14	14	14	14	13	13	14	14	13	14	14	14	14	14	14
Total	2,661	2,773	2,767	2,533	2,352	2,502	2,592	2,436	2,402	2,496	2,533	2,379	2,683	2,471	2,453
Total All Sectors (a)															
New England	356	327	371	330	357	328	382	345	364	336	381	344	346	353	356
Middle Atlantic	1,039	965	1,113	966	1,038	944	1,123	967	1,036	960	1,127	968	1,021	1,018	1,023
E. N. Central	1,662	1,521	1,697	1,525	1,569	1,424	1,637	1,450	1,542	1,449	1,640	1,457	1,601	1,520	1,522
W. N. Central	808	733	844	754	782	719	859	743	782	740	872	753	785	776	787
S. Atlantic	2,148	2,139	2,471	2,029	2,135	2,028	2,453	2,007	2,112	2,070	2,484	2,030	2,197	2,156	2,174
E. S. Central	941	871	994	854	883	828	992	843	898	850	991	844	915	887	896
W. S. Central	1,324	1,416	1,640	1,248	1,279	1,357	1,667	1,287	1,291	1,370	1,669	1,285	1,407	1,399	1,404
Mountain	701	717	857	687	673	713	857	691	702	736	873	704	741	734	754
Pacific contiguous	1,117	1,062	1,184	1,076	1,088	1,034	1,155	1,059	1,102	1,035	1,164	1,067	1,110	1,084	1,092
AK and HI	47	45	45	46	45	44	46	46	46	45	46	47	46	45	46
Total	10,142	9,795	11,217	9,515	9,849	9,420	11,173	9,437	9,875	9,590	11,248	9,499	10,168	9,972	10,055

- = no data available

(a) Total retail sales to all sectors includes residential, commercial, industrial, and transportation sector sales.

Notes: The approximate break between historical and forecast values is shown with historical data printed in bold; estimates and forecasts in italics.

Retail Sales represents total retail electricity sales by electric utilities and power marketers.

Regions refer to U.S. Census divisions.

See "Census division" in EIA's Energy Glossary (<http://www.eia.doe.gov/glossary/index.html>) for a list of States in each region.**Historical data:** Latest data available from Energy Information Administration databases supporting the following reports: *Electric Power Monthly*, DOE/EIA-0226; and *Electric Power Annual*, DOE/EIA-0348.

Minor discrepancies with published historical data are due to independent rounding.

Projections: Generated by simulation of the EIA Regional Short-Term Energy Model.

Table 7c. U.S. Regional Electricity Prices (Cents per Kilowatthour)
 Energy Information Administration/Short-Term Energy Outlook - July 2009

	2008				2009				2010				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2008	2009	2010
Residential Sector															
New England	16.7	17.4	18.0	18.2	17.8	18.3	18.5	18.5	18.5	18.9	19.1	19.0	17.6	18.3	18.9
Middle Atlantic	13.8	15.5	16.7	14.5	14.2	15.5	16.5	15.2	14.8	16.2	17.2	15.8	15.2	15.4	16.0
E. N. Central	9.5	10.8	11.0	10.7	10.4	11.4	11.5	10.9	10.5	11.7	11.9	11.2	10.5	11.1	11.3
W. N. Central	7.7	9.1	9.6	8.6	8.3	9.6	10.0	8.8	8.4	9.7	10.2	9.0	8.7	9.2	9.4
S. Atlantic	9.9	10.7	11.3	10.9	11.0	11.6	11.9	11.4	11.1	12.0	12.5	12.0	10.7	11.5	11.9
E. S. Central	8.2	9.3	9.7	9.9	9.5	10.1	10.2	9.7	9.5	10.4	10.5	10.4	9.3	9.8	10.2
W. S. Central	10.4	11.9	12.7	11.9	11.5	12.5	13.0	12.0	11.8	13.1	13.7	13.0	11.8	12.3	13.0
Mountain	8.9	10.2	10.5	9.6	9.3	10.3	10.6	9.8	9.6	10.7	11.0	10.2	9.8	10.1	10.4
Pacific	11.3	11.8	13.0	11.8	11.5	12.2	13.4	12.2	11.7	12.4	13.6	12.2	11.9	12.3	12.4
U.S. Average	10.3	11.5	12.1	11.4	11.2	12.1	12.5	11.8	11.4	12.5	12.9	12.2	11.4	11.9	12.3
Commercial Sector															
New England	14.6	15.5	16.1	15.6	16.2	16.4	16.3	15.5	16.2	16.5	17.2	16.5	15.5	16.1	16.6
Middle Atlantic	12.8	14.3	15.6	13.1	13.1	13.8	15.4	13.8	13.4	14.5	16.0	14.3	14.0	14.1	14.6
E. N. Central	8.4	8.9	9.1	9.0	8.9	9.1	9.4	9.2	9.1	9.5	9.7	9.4	8.9	9.2	9.4
W. N. Central	6.5	7.3	7.8	6.8	6.9	7.6	8.0	7.0	7.0	7.7	8.2	7.2	7.1	7.4	7.6
S. Atlantic	8.8	9.2	9.8	9.7	9.8	9.9	10.2	9.9	10.0	10.2	10.6	10.5	9.4	10.0	10.4
E. S. Central	8.2	8.8	9.3	9.6	9.4	9.5	9.6	9.5	9.6	10.0	10.1	10.2	9.0	9.5	10.0
W. S. Central	9.3	10.3	10.8	9.9	9.5	9.6	10.6	10.1	10.2	10.6	11.1	10.7	10.1	10.0	10.7
Mountain	7.7	8.6	8.9	8.1	7.9	8.7	8.9	8.6	8.4	9.0	9.2	8.9	8.3	8.6	8.9
Pacific	10.1	11.5	12.8	11.2	10.7	12.1	13.6	11.7	11.2	12.4	13.9	11.9	11.4	12.1	12.4
U.S. Average	9.5	10.3	11.0	10.2	10.1	10.5	11.2	10.5	10.4	11.0	11.6	10.9	10.3	10.6	11.0
Industrial Sector															
New England	12.8	13.2	13.7	13.4	12.1	12.5	14.0	14.5	14.1	13.9	14.3	14.2	13.3	13.2	14.2
Middle Atlantic	8.4	8.8	9.2	8.3	8.5	8.7	9.3	8.8	9.0	9.2	9.8	9.2	8.7	8.8	9.3
E. N. Central	6.0	6.3	6.7	6.6	6.7	6.7	7.0	6.6	6.7	6.9	7.3	7.0	6.4	6.7	7.0
W. N. Central	4.9	5.3	5.9	5.2	5.5	5.9	6.1	5.2	5.5	5.9	6.4	5.6	5.4	5.7	5.9
S. Atlantic	5.8	6.2	6.8	6.6	6.7	6.8	7.3	6.7	6.6	6.8	7.6	7.2	6.3	6.9	7.1
E. S. Central	5.0	5.5	6.2	6.2	5.9	6.2	6.7	6.1	5.9	6.5	7.1	6.6	5.7	6.2	6.5
W. S. Central	7.2	8.3	8.9	7.9	7.2	7.4	8.4	8.4	8.0	8.4	8.9	8.6	8.1	7.8	8.5
Mountain	5.6	6.1	6.7	5.7	5.6	6.0	6.7	6.1	5.9	6.3	6.9	6.3	6.0	6.1	6.4
Pacific	7.5	7.7	8.8	8.1	7.4	8.0	8.8	7.9	7.4	7.9	8.8	8.1	8.0	8.1	8.1
U.S. Average	6.4	6.9	7.6	7.1	6.9	7.1	7.7	7.3	7.2	7.5	8.1	7.6	7.0	7.3	7.6
All Sectors (a)															
New England	15.1	15.7	16.4	16.2	15.9	16.2	16.6	16.4	16.7	16.8	17.3	16.9	15.8	16.3	16.9
Middle Atlantic	12.3	13.5	14.9	12.7	12.7	13.4	14.8	13.3	13.1	14.0	15.4	13.8	13.4	13.6	14.1
E. N. Central	8.0	8.5	9.0	8.8	8.8	9.0	9.5	9.0	8.9	9.4	9.8	9.3	8.6	9.1	9.4
W. N. Central	6.5	7.3	7.9	6.9	7.1	7.7	8.2	7.1	7.1	7.9	8.5	7.4	7.2	7.5	7.7
S. Atlantic	8.7	9.2	10.0	9.6	9.9	10.0	10.5	10.0	10.0	10.4	11.0	10.6	9.4	10.1	10.5
E. S. Central	6.9	7.6	8.4	8.4	8.2	8.4	8.9	8.2	8.2	8.8	9.3	8.9	7.8	8.4	8.8
W. S. Central	9.1	10.2	11.1	10.0	9.6	10.0	11.1	10.3	10.2	10.9	11.7	11.0	10.2	10.3	11.0
Mountain	7.5	8.3	8.9	7.8	7.7	8.4	8.9	8.2	8.1	8.7	9.2	8.5	8.2	8.4	8.7
Pacific	10.0	10.7	12.0	10.7	10.4	11.2	12.5	11.1	10.7	11.4	12.7	11.2	10.9	11.3	11.5
U.S. Average	9.0	9.8	10.6	9.8	9.8	10.2	10.9	10.1	10.0	10.6	11.3	10.6	9.8	10.3	10.7

- = no data available

(a) Volume-weighted average of retail prices to residential, commercial, industrial, and transportation sectors.

Notes: The approximate break between historical and forecast values is shown with historical data printed in bold; estimates and forecasts in italics.

Regions refer to U.S. Census divisions.

See "Census division" in EIA's Energy Glossary (<http://www.eia.doe.gov/glossary/index.html>) for a list of States in each region.

Historical data: Latest data available from Energy Information Administration databases supporting the following reports: *Electric Power Monthly*, DOE/EIA-0226; and *Electric Power Annual*, DOE/EIA-0348.

Minor discrepancies with published historical data are due to independent rounding.

Projections: Generated by simulation of the EIA Regional Short-Term Energy Model.

Table 7d. U.S. Electricity Generation by Fuel and Sector (Billion Kilowatthours per day)

Energy Information Administration/Short-Term Energy Outlook - July 2009

	2008				2009				2010				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2008	2009	2010
Electric Power Sector (a)															
Coal	5.571	5.167	5.721	5.138	4.973	4.746	<i>5.532</i>	<i>5.089</i>	<i>5.194</i>	<i>4.822</i>	<i>5.483</i>	<i>5.006</i>	5.399	<i>5.087</i>	<i>5.127</i>
Natural Gas	1.902	2.079	2.791	1.951	1.958	2.126	<i>3.010</i>	<i>1.911</i>	<i>1.765</i>	<i>2.096</i>	<i>3.061</i>	<i>1.994</i>	2.182	<i>2.253</i>	<i>2.232</i>
Other Gases	0.010	0.010	0.009	0.007	0.007	0.009	<i>0.010</i>	<i>0.010</i>	<i>0.011</i>	<i>0.011</i>	<i>0.011</i>	<i>0.010</i>	0.009	<i>0.009</i>	<i>0.010</i>
Petroleum	0.113	0.120	0.122	0.107	0.130	0.097	<i>0.109</i>	<i>0.111</i>	<i>0.121</i>	<i>0.114</i>	<i>0.123</i>	<i>0.109</i>	0.116	<i>0.112</i>	<i>0.117</i>
Residual Fuel Oil	0.052	0.066	0.070	0.055	0.067	0.043	<i>0.045</i>	<i>0.039</i>	<i>0.041</i>	<i>0.041</i>	<i>0.042</i>	<i>0.036</i>	0.060	<i>0.048</i>	<i>0.040</i>
Distillate Fuel Oil	0.022	0.018	0.015	0.015	0.024	0.015	<i>0.012</i>	<i>0.013</i>	<i>0.020</i>	<i>0.015</i>	<i>0.015</i>	<i>0.016</i>	0.017	<i>0.016</i>	<i>0.016</i>
Petroleum Coke	0.036	0.034	0.035	0.035	0.035	0.037	<i>0.050</i>	<i>0.058</i>	<i>0.058</i>	<i>0.057</i>	<i>0.065</i>	<i>0.056</i>	0.035	<i>0.045</i>	<i>0.059</i>
Other Petroleum	0.004	0.003	0.003	0.003	0.005	0.001	<i>0.002</i>	<i>0.001</i>	<i>0.003</i>	<i>0.001</i>	<i>0.001</i>	<i>0.001</i>	0.003	<i>0.002</i>	<i>0.002</i>
Nuclear	2.204	2.115	2.326	2.164	2.274	2.157	<i>2.318</i>	<i>2.150</i>	<i>2.259</i>	<i>2.185</i>	<i>2.324</i>	<i>2.156</i>	2.203	<i>2.225</i>	<i>2.231</i>
Pumped Storage Hydroelectric	-0.019	-0.012	-0.021	-0.016	-0.012	-0.013	<i>-0.017</i>	<i>-0.016</i>	<i>-0.015</i>	<i>-0.014</i>	<i>-0.017</i>	<i>-0.016</i>	-0.017	<i>-0.015</i>	<i>-0.016</i>
Other Fuels (b)	0.018	0.020	0.019	0.018	0.018	0.020	<i>0.021</i>	<i>0.019</i>	<i>0.018</i>	<i>0.019</i>	<i>0.020</i>	<i>0.019</i>	0.019	<i>0.020</i>	<i>0.019</i>
Renewables:															
Conventional Hydroelectric	0.649	0.832	0.657	0.552	0.690	0.795	<i>0.659</i>	<i>0.589</i>	<i>0.744</i>	<i>0.843</i>	<i>0.664</i>	<i>0.598</i>	0.672	<i>0.683</i>	<i>0.712</i>
Geothermal	0.039	0.041	0.042	0.041	0.041	0.040	<i>0.042</i>	<i>0.042</i>	<i>0.042</i>	<i>0.042</i>	<i>0.044</i>	<i>0.043</i>	0.041	<i>0.041</i>	<i>0.043</i>
Solar	0.001	0.003	0.003	0.001	0.001	0.004	<i>0.003</i>	<i>0.001</i>	<i>0.002</i>	<i>0.004</i>	<i>0.005</i>	<i>0.002</i>	0.002	<i>0.002</i>	<i>0.003</i>
Wind	0.138	0.166	0.105	0.160	0.188	0.206	<i>0.142</i>	<i>0.150</i>	<i>0.228</i>	<i>0.241</i>	<i>0.182</i>	<i>0.186</i>	0.142	<i>0.171</i>	<i>0.209</i>
Wood and Wood Waste	0.031	0.027	0.032	0.030	0.030	0.027	<i>0.033</i>	<i>0.031</i>	<i>0.032</i>	<i>0.029</i>	<i>0.033</i>	<i>0.032</i>	0.030	<i>0.030</i>	<i>0.031</i>
Other Renewables	0.039	0.043	0.040	0.040	0.039	0.043	<i>0.046</i>	<i>0.046</i>	<i>0.047</i>	<i>0.049</i>	<i>0.051</i>	<i>0.050</i>	0.041	<i>0.044</i>	<i>0.049</i>
Subtotal Electric Power Sector	10.696	10.611	11.848	10.193	10.338	10.256	<i>11.909</i>	<i>10.133</i>	<i>10.447</i>	<i>10.440</i>	<i>11.985</i>	<i>10.190</i>	10.838	<i>10.662</i>	<i>10.768</i>
Commercial Sector (c)															
Coal	0.003	0.003	0.004	0.003	0.003	0.003	<i>0.004</i>	<i>0.003</i>	<i>0.004</i>	<i>0.003</i>	<i>0.004</i>	<i>0.003</i>	0.003	<i>0.003</i>	<i>0.004</i>
Natural Gas	0.012	0.010	0.012	0.011	0.011	0.011	<i>0.012</i>	<i>0.011</i>	<i>0.011</i>	<i>0.010</i>	<i>0.012</i>	<i>0.012</i>	0.011	<i>0.012</i>	<i>0.011</i>
Petroleum	0.000	0.000	0.000	0.000	0.001	0.000	<i>0.001</i>	<i>0.001</i>	<i>0.001</i>	<i>0.001</i>	<i>0.001</i>	<i>0.001</i>	0.000	<i>0.001</i>	<i>0.001</i>
Other Fuels (b)	0.002	0.002	0.002	0.002	0.002	0.002	<i>0.002</i>	<i>0.002</i>	<i>0.002</i>	<i>0.002</i>	<i>0.002</i>	<i>0.002</i>	0.002	<i>0.002</i>	<i>0.002</i>
Renewables (d)	0.004	0.005	0.005	0.004	0.004	0.005	<i>0.005</i>	<i>0.004</i>	<i>0.004</i>	<i>0.005</i>	<i>0.005</i>	<i>0.004</i>	0.004	<i>0.005</i>	<i>0.005</i>
Subtotal Commercial Sector	0.021	0.022	0.023	0.021	0.021	0.022	<i>0.024</i>	<i>0.022</i>	<i>0.022</i>	<i>0.022</i>	<i>0.024</i>	<i>0.022</i>	0.022	<i>0.022</i>	<i>0.023</i>
Industrial Sector (c)															
Coal	0.046	0.047	0.050	0.043	0.041	0.041	<i>0.046</i>	<i>0.045</i>	<i>0.046</i>	<i>0.046</i>	<i>0.048</i>	<i>0.045</i>	0.046	<i>0.043</i>	<i>0.046</i>
Natural Gas	0.213	0.201	0.207	0.191	0.201	0.185	<i>0.199</i>	<i>0.188</i>	<i>0.197</i>	<i>0.179</i>	<i>0.195</i>	<i>0.185</i>	0.203	<i>0.193</i>	<i>0.189</i>
Other Gases	0.025	0.024	0.025	0.017	0.018	0.021	<i>0.024</i>	<i>0.018</i>	<i>0.018</i>	<i>0.020</i>	<i>0.024</i>	<i>0.017</i>	0.023	<i>0.020</i>	<i>0.020</i>
Petroleum	0.009	0.007	0.008	0.008	0.010	0.008	<i>0.009</i>	<i>0.009</i>	<i>0.011</i>	<i>0.008</i>	<i>0.009</i>	<i>0.009</i>	0.008	<i>0.009</i>	<i>0.009</i>
Other Fuels (b)	0.007	0.008	0.008	0.006	0.008	0.008	<i>0.008</i>	<i>0.006</i>	<i>0.008</i>	<i>0.008</i>	<i>0.008</i>	<i>0.006</i>	0.007	<i>0.008</i>	<i>0.008</i>
Renewables:															
Conventional Hydroelectric	0.008	0.005	0.004	0.004	0.005	0.005	<i>0.004</i>	<i>0.004</i>	<i>0.005</i>	<i>0.005</i>	<i>0.004</i>	<i>0.004</i>	0.005	<i>0.005</i>	<i>0.005</i>
Wood and Wood Waste	0.077	0.076	0.079	0.073	0.071	0.069	<i>0.075</i>	<i>0.073</i>	<i>0.071</i>	<i>0.069</i>	<i>0.075</i>	<i>0.073</i>	0.076	<i>0.072</i>	<i>0.072</i>
Other Renewables (e)	0.002	0.002	0.002	0.001	0.002	0.001	<i>0.002</i>	<i>0.001</i>	<i>0.002</i>	<i>0.001</i>	<i>0.001</i>	<i>0.001</i>	0.002	<i>0.001</i>	<i>0.001</i>
Subtotal Industrial Sector	0.385	0.372	0.383	0.343	0.356	0.339	<i>0.365</i>	<i>0.345</i>	<i>0.359</i>	<i>0.337</i>	<i>0.363</i>	<i>0.341</i>	0.371	<i>0.351</i>	<i>0.350</i>
Total All Sectors	11.103	11.004	12.253	10.557	10.715	10.617	<i>12.298</i>	<i>10.500</i>	<i>10.828</i>	<i>10.800</i>	<i>12.372</i>	<i>10.553</i>	11.230	<i>11.035</i>	<i>11.141</i>

- = no data available

(a) Electric utilities and independent power producers.

(b) "Other" includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires and miscellaneous technologies.

(c) Commercial and industrial sectors include electricity output from combined heat and power (CHP) facilities and some electric-only plants.

(d) "Renewables" in commercial sector includes wood, black liquor, other wood waste, biogenic municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy and wind.

(e) "Other Renewables" in industrial sector includes black liquor, biogenic municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy and wind.

Notes: The approximate break between historical and forecast values is shown with historical data printed in bold; estimates and forecasts in italics.

Values of 0.000 may indicate positive levels of generation that are less than 0.0005 billion kilowatthours per day.

Historical data: Latest data available from Energy Information Administration databases supporting the following reports: *Electric Power Monthly*, DOE/EIA-0226; and *Electric Power Annual*, DOE/EIA-0348.

Minor discrepancies with published historical data are due to independent rounding.

Projections: Generated by simulation of the EIA Regional Short-Term Energy Model.

Table 7e. U.S. Fuel Consumption for Electricity Generation by Sector
 Energy Information Administration/Short-Term Energy Outlook - July 2009

	2008				2009				2010				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2008	2009	2010
Electric Power Sector (a)															
Coal (mmst/d)	2.88	2.71	3.02	2.72	2.63	2.48	<i>2.95</i>	<i>2.71</i>	<i>2.75</i>	<i>2.57</i>	<i>2.94</i>	<i>2.68</i>	2.84	<i>2.69</i>	<i>2.74</i>
Natural Gas (bcf/d)	14.67	16.67	22.37	15.20	15.00	16.89	<i>24.04</i>	<i>14.80</i>	<i>13.50</i>	<i>16.54</i>	<i>24.33</i>	<i>15.37</i>	17.24	<i>17.70</i>	<i>17.46</i>
Petroleum (mmb/d) (b)	0.20	0.21	0.22	0.19	0.23	0.17	<i>0.20</i>	<i>0.21</i>	<i>0.22</i>	<i>0.21</i>	<i>0.23</i>	<i>0.21</i>	0.21	<i>0.20</i>	<i>0.22</i>
Residual Fuel Oil (mmb/d)	0.09	0.11	0.12	0.09	0.11	0.07	<i>0.08</i>	<i>0.06</i>	<i>0.07</i>	<i>0.07</i>	<i>0.07</i>	<i>0.06</i>	0.10	<i>0.08</i>	<i>0.07</i>
Distillate Fuel Oil (mmb/d)	0.04	0.03	0.03	0.03	0.04	0.03	<i>0.02</i>	<i>0.02</i>	<i>0.04</i>	<i>0.03</i>	<i>0.03</i>	<i>0.03</i>	0.03	<i>0.03</i>	<i>0.03</i>
Petroleum Coke (mmst/d)	0.07	0.07	0.07	0.07	0.07	0.07	<i>0.10</i>	<i>0.12</i>	<i>0.11</i>	<i>0.11</i>	<i>0.13</i>	<i>0.11</i>	0.07	<i>0.09</i>	<i>0.12</i>
Other Petroleum (mmb/d)	0.01	0.01	0.00	0.01	0.01	0.00	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	0.01	<i>0.00</i>	<i>0.00</i>
Commercial Sector (c)															
Coal (mmst/d)	0.00	0.00	0.00	0.00	0.00	0.00	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	0.00	<i>0.00</i>	<i>0.00</i>
Natural Gas (bcf/d)	0.09	0.08	0.09	0.08	0.09	0.09	<i>0.10</i>	<i>0.09</i>	<i>0.09</i>	<i>0.08</i>	<i>0.10</i>	<i>0.09</i>	0.09	<i>0.09</i>	<i>0.09</i>
Petroleum (mmb/d) (b)	0.00	0.00	0.00	0.00	0.00	0.00	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	0.00	<i>0.00</i>	<i>0.00</i>
Industrial Sector (c)															
Coal (mmst/d)	0.01	0.02	0.02	0.01	0.01	0.01	<i>0.02</i>	<i>0.02</i>	<i>0.02</i>	<i>0.02</i>	<i>0.02</i>	<i>0.02</i>	0.02	<i>0.02</i>	<i>0.02</i>
Natural Gas (bcf/d)	1.41	1.33	1.37	1.27	1.35	1.31	<i>1.42</i>	<i>1.35</i>	<i>1.40</i>	<i>1.29</i>	<i>1.40</i>	<i>1.33</i>	1.35	<i>1.36</i>	<i>1.36</i>
Petroleum (mmb/d) (b)	0.01	0.01	0.01	0.01	0.01	0.01	<i>0.01</i>	<i>0.01</i>	<i>0.01</i>	<i>0.01</i>	<i>0.01</i>	<i>0.01</i>	0.01	<i>0.01</i>	<i>0.01</i>
Total All Sectors															
Coal (mmst/d)	2.90	2.73	3.04	2.73	2.64	2.50	<i>2.97</i>	<i>2.73</i>	<i>2.77</i>	<i>2.59</i>	<i>2.96</i>	<i>2.70</i>	2.85	<i>2.71</i>	<i>2.76</i>
Natural Gas (bcf/d)	16.18	18.08	23.83	16.55	16.44	18.29	<i>25.56</i>	<i>16.24</i>	<i>15.00</i>	<i>17.91</i>	<i>25.83</i>	<i>16.79</i>	18.67	<i>19.15</i>	<i>18.91</i>
Petroleum (mmb/d) (b)	0.22	0.22	0.23	0.20	0.24	0.19	<i>0.22</i>	<i>0.22</i>	<i>0.24</i>	<i>0.22</i>	<i>0.24</i>	<i>0.22</i>	0.22	<i>0.22</i>	<i>0.23</i>
End-of-period Fuel Inventories Held by Electric Power Sector															
Coal (mmst)	147.0	153.9	145.8	163.1	176.6	186.4	<i>167.3</i>	<i>173.0</i>	<i>169.7</i>	<i>169.8</i>	<i>151.6</i>	<i>168.3</i>	163.1	<i>173.0</i>	<i>168.3</i>
Residual Fuel Oil (mmb)	23.1	24.3	22.3	21.7	22.0	22.4	<i>20.5</i>	<i>20.7</i>	<i>20.2</i>	<i>21.1</i>	<i>19.0</i>	<i>20.3</i>	21.7	<i>20.7</i>	<i>20.3</i>
Distillate Fuel Oil (mmb)	18.4	18.4	18.3	18.9	18.7	18.7	<i>18.7</i>	<i>19.1</i>	<i>18.4</i>	<i>18.2</i>	<i>18.2</i>	<i>18.7</i>	18.9	<i>19.1</i>	<i>18.7</i>
Petroleum Coke (mmb)	3.3	3.7	3.6	4.0	3.8	3.2	<i>3.4</i>	<i>3.6</i>	<i>3.8</i>	<i>3.7</i>	<i>3.9</i>	<i>3.6</i>	4.0	<i>3.6</i>	<i>3.6</i>

- = no data available

(a) Electric utilities and independent power producers.

(b) Petroleum category may include petroleum coke, which is converted from short tons to barrels by multiplying by 5.

(c) Commercial and industrial sectors include electricity output from combined heat and power (CHP) facilities and some electric-only plants.

Notes: The approximate break between historical and forecast values is shown with historical data printed in bold; estimates and forecasts in italics.

Physical Units: mmst/d = million short tons per day; mmb/d = million barrels per day; bcf/d = billion cubic feet per day; mmb = million barrels.

Values of 0.00 may indicate positive levels of fuel consumption that are less than 0.005 units per day.

Historical data: Latest data available from Energy Information Administration databases supporting the following reports: *Electric Power Monthly*, DOE/EIA-0226; and *Electric Power Annual*, DOE/EIA-0348.

Minor discrepancies with published historical data are due to independent rounding.

Projections: Generated by simulation of the EIA Regional Short-Term Energy Model.

Table 8. U.S. Renewable Energy Supply and Consumption (Quadrillion Btu)

Energy Information Administration/Short-Term Energy Outlook - July 2009

	2008				2009				2010				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2008	2009	2010
Supply															
Hydroelectric Power (a)	0.591	0.754	0.602	0.506	0.618	0.747	<i>0.605</i>	<i>0.541</i>	<i>0.669</i>	<i>0.766</i>	<i>0.609</i>	<i>0.550</i>	2.452	2.511	2.593
Geothermal	0.085	0.091	0.092	0.090	0.088	0.088	<i>0.093</i>	<i>0.093</i>	<i>0.092</i>	<i>0.092</i>	<i>0.096</i>	<i>0.095</i>	0.358	0.362	0.375
Solar	0.022	0.024	0.024	0.022	0.021	0.024	<i>0.024</i>	<i>0.022</i>	<i>0.022</i>	<i>0.025</i>	<i>0.026</i>	<i>0.023</i>	0.091	0.091	0.095
Wind	0.125	0.150	0.096	0.146	0.168	0.186	<i>0.130</i>	<i>0.137</i>	<i>0.203</i>	<i>0.218</i>	<i>0.166</i>	<i>0.170</i>	0.516	0.621	0.757
Wood	0.507	0.506	0.521	0.507	0.482	0.479	<i>0.513</i>	<i>0.505</i>	<i>0.487</i>	<i>0.475</i>	<i>0.511</i>	<i>0.502</i>	2.041	1.979	1.975
Ethanol (b)	0.174	0.190	0.207	0.214	0.203	0.208	<i>0.217</i>	<i>0.224</i>	<i>0.224</i>	<i>0.232</i>	<i>0.238</i>	<i>0.239</i>	0.784	0.852	0.933
Biodiesel (b)	0.018	0.022	0.025	0.022	0.013	0.018	<i>0.019</i>	<i>0.019</i>	<i>0.022</i>	<i>0.022</i>	<i>0.022</i>	<i>0.022</i>	0.087	0.070	0.088
Other Renewables	0.110	0.108	0.107	0.106	0.108	0.117	<i>0.121</i>	<i>0.114</i>	<i>0.125</i>	<i>0.125</i>	<i>0.129</i>	<i>0.121</i>	0.431	0.458	0.499
Total	1.631	1.843	1.674	1.613	1.702	1.862	<i>1.721</i>	<i>1.654</i>	<i>1.845</i>	<i>1.954</i>	<i>1.796</i>	<i>1.721</i>	6.760	6.939	7.316
Consumption															
Electric Power Sector															
Hydroelectric Power (a)	0.586	0.751	0.600	0.504	0.616	0.718	<i>0.602</i>	<i>0.537</i>	<i>0.664</i>	<i>0.761</i>	<i>0.606</i>	<i>0.546</i>	2.441	2.472	2.576
Geothermal	0.074	0.079	0.081	0.079	0.077	0.077	<i>0.082</i>	<i>0.081</i>	<i>0.080</i>	<i>0.081</i>	<i>0.084</i>	<i>0.084</i>	0.312	0.316	0.329
Solar	0.001	0.003	0.003	0.001	0.001	0.003	<i>0.003</i>	<i>0.001</i>	<i>0.002</i>	<i>0.004</i>	<i>0.005</i>	<i>0.002</i>	0.008	0.009	0.013
Wind	0.125	0.150	0.096	0.146	0.168	0.186	<i>0.130</i>	<i>0.137</i>	<i>0.203</i>	<i>0.218</i>	<i>0.166</i>	<i>0.170</i>	0.516	0.621	0.757
Wood	0.047	0.041	0.047	0.045	0.044	0.041	<i>0.050</i>	<i>0.048</i>	<i>0.047</i>	<i>0.043</i>	<i>0.051</i>	<i>0.049</i>	0.181	0.182	0.189
Other Renewables	0.061	0.061	0.060	0.059	0.060	0.068	<i>0.070</i>	<i>0.070</i>	<i>0.072</i>	<i>0.075</i>	<i>0.079</i>	<i>0.078</i>	0.242	0.267	0.303
Subtotal	0.894	1.085	0.888	0.834	0.965	1.111	<i>0.936</i>	<i>0.874</i>	<i>1.068</i>	<i>1.181</i>	<i>0.991</i>	<i>0.927</i>	3.700	3.886	4.167
Industrial Sector															
Hydroelectric Power (a)	0.007	0.005	0.004	0.004	0.005	0.004	<i>0.003</i>	<i>0.004</i>	<i>0.005</i>	<i>0.005</i>	<i>0.003</i>	<i>0.004</i>	0.019	0.016	0.016
Geothermal	0.001	0.001	0.001	0.001	0.001	0.001	<i>0.001</i>	<i>0.001</i>	<i>0.001</i>	<i>0.001</i>	<i>0.001</i>	<i>0.001</i>	0.005	0.005	0.005
Wood and Wood Waste	0.320	0.325	0.332	0.321	0.299	0.298	<i>0.324</i>	<i>0.317</i>	<i>0.300</i>	<i>0.293</i>	<i>0.322</i>	<i>0.313</i>	1.298	1.238	1.227
Other Renewables	0.040	0.039	0.039	0.039	0.039	0.042	<i>0.040</i>	<i>0.034</i>	<i>0.044</i>	<i>0.039</i>	<i>0.040</i>	<i>0.034</i>	0.157	0.155	0.156
Subtotal	0.371	0.374	0.380	0.368	0.347	0.350	<i>0.373</i>	<i>0.360</i>	<i>0.354</i>	<i>0.342</i>	<i>0.370</i>	<i>0.355</i>	1.492	1.429	1.421
Commercial Sector															
Hydroelectric Power (a)	0.000	0.000	0.000	0.000	0.000	0.000	<i>0.000</i>	<i>0.000</i>	<i>0.000</i>	<i>0.000</i>	<i>0.000</i>	<i>0.000</i>	0.001	0.001	0.001
Geothermal	0.004	0.004	0.004	0.004	0.004	0.004	<i>0.004</i>	<i>0.004</i>	<i>0.004</i>	<i>0.004</i>	<i>0.004</i>	<i>0.004</i>	0.015	0.015	0.015
Wood and Wood Waste	0.018	0.018	0.018	0.018	0.018	0.018	<i>0.017</i>	<i>0.019</i>	<i>0.018</i>	<i>0.018</i>	<i>0.017</i>	<i>0.019</i>	0.072	0.071	0.071
Other Renewables	0.008	0.008	0.008	0.008	0.009	0.010	<i>0.010</i>	<i>0.009</i>	<i>0.009</i>	<i>0.011</i>	<i>0.011</i>	<i>0.009</i>	0.032	0.039	0.040
Subtotal	0.031	0.031	0.030	0.030	0.032	0.034	<i>0.033</i>	<i>0.034</i>	<i>0.034</i>	<i>0.035</i>	<i>0.034</i>	<i>0.035</i>	0.123	0.133	0.138
Residential Sector															
Geothermal	0.007	0.007	0.007	0.007	0.007	0.007	<i>0.007</i>	<i>0.007</i>	<i>0.007</i>	<i>0.007</i>	<i>0.007</i>	<i>0.007</i>	0.026	0.026	0.026
Biomass	0.122	0.122	0.123	0.123	0.121	0.122	<i>0.122</i>	<i>0.122</i>	<i>0.122</i>	<i>0.122</i>	<i>0.122</i>	<i>0.122</i>	0.490	0.487	0.488
Solar	0.021	0.021	0.021	0.021	0.020	0.021	<i>0.021</i>	<i>0.021</i>	<i>0.021</i>	<i>0.021</i>	<i>0.021</i>	<i>0.021</i>	0.083	0.082	0.082
Subtotal	0.149	0.149	0.151	0.151	0.148	0.150	<i>0.149</i>	<i>0.149</i>	<i>0.149</i>	<i>0.149</i>	<i>0.149</i>	<i>0.149</i>	0.599	0.596	0.597
Transportation Sector															
Ethanol (b)	0.172	0.200	0.218	0.226	0.200	0.215	<i>0.222</i>	<i>0.230</i>	<i>0.228</i>	<i>0.242</i>	<i>0.249</i>	<i>0.248</i>	0.816	0.867	0.967
Biodiesel (b)	0.008	0.005	0.014	0.014	0.001	0.017	<i>0.019</i>	<i>0.019</i>	<i>0.022</i>	<i>0.022</i>	<i>0.022</i>	<i>0.022</i>	0.041	0.056	0.088
Total Consumption	1.619	1.835	1.669	1.615	1.686	1.869	<i>1.726</i>	<i>1.659</i>	<i>1.849</i>	<i>1.964</i>	<i>1.808</i>	<i>1.730</i>	6.739	6.940	7.350

- = no data available

(a) Conventional hydroelectric power only. Hydroelectricity generated by pumped storage is not included in renewable energy.

(b) Fuel ethanol and biodiesel supply represents domestic production only. Fuel ethanol and biodiesel consumption in the transportation sector includes production, stock change, and imports less exports. Some biodiesel may be consumed in the residential s

Notes: The approximate break between historical and forecast values is shown with historical data printed in bold; estimates and forecasts in italics.

Historical data: Latest data available from EIA databases supporting the following reports: *Electric Power Monthly*, DOE/EIA-0226 and *Renewable Energy Annual*, DOE/EIA-0603; *Petroleum Supply Monthly*, DOE/EIA-0109.

Minor discrepancies with published historical data are due to independent rounding.

Projections: Generated by simulation of the EIA Regional Short-Term Energy Model.

Table 9a. U.S. Macroeconomic Energy Indicators
 Energy Information Administration/Short-Term Energy Outlook - July 2009

	2008				2009				2010				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2008	2009	2010
Macroeconomic															
Real Gross Domestic Product															
(billion chained 2000 dollars - SAAR)	11,646	11,727	11,712	11,522	11,354	11,271	<i>11,270</i>	<i>11,280</i>	<i>11,300</i>	<i>11,355</i>	<i>11,413</i>	<i>11,513</i>	11,652	<i>11,294</i>	<i>11,395</i>
Real Disposable Personal Income															
(billion chained 2000 Dollars - SAAR)	8,668	8,891	8,696	8,758	8,897	9,000	<i>8,910</i>	<i>8,909</i>	<i>8,847</i>	<i>8,913</i>	<i>8,951</i>	<i>8,941</i>	8,753	<i>8,929</i>	<i>8,913</i>
Real Fixed Investment															
(billion chained 2000 dollars-SAAR)	1,762	1,755	1,731	1,627	1,448	1,381	<i>1,351</i>	<i>1,336</i>	<i>1,347</i>	<i>1,354</i>	<i>1,383</i>	<i>1,442</i>	1,719	<i>1,379</i>	<i>1,381</i>
Business Inventory Change															
(billion chained 2000 dollars-SAAR)	13.75	-25.98	-25.63	-0.73	-11.18	-35.50	<i>-31.50</i>	<i>-32.90</i>	<i>-24.62</i>	<i>-12.70</i>	<i>-4.16</i>	<i>0.49</i>	-9.65	<i>-27.77</i>	<i>-10.24</i>
Housing Stock															
(millions)	123.1	123.2	123.3	123.4	123.5	123.5	<i>123.5</i>	<i>123.5</i>	<i>123.5</i>	<i>123.6</i>	<i>123.6</i>	<i>123.7</i>	123.4	<i>123.5</i>	<i>123.7</i>
Non-Farm Employment															
(millions)	137.9	137.5	137.0	135.7	133.7	132.1	<i>131.3</i>	<i>130.8</i>	<i>130.6</i>	<i>130.8</i>	<i>130.8</i>	<i>131.2</i>	137.0	<i>132.0</i>	<i>130.9</i>
Commercial Employment															
(millions)	91.8	91.6	91.3	90.6	89.5	88.7	<i>88.5</i>	<i>88.5</i>	<i>88.7</i>	<i>89.0</i>	<i>89.5</i>	<i>90.0</i>	91.3	<i>88.8</i>	<i>89.3</i>
Industrial Production Indices (Index, 2002=100)															
Total Industrial Production	112.0	110.7	108.1	104.5	99.0	96.6	<i>97.4</i>	<i>97.5</i>	<i>97.0</i>	<i>96.9</i>	<i>97.4</i>	<i>98.1</i>	108.8	<i>97.6</i>	<i>97.4</i>
Manufacturing	114.1	112.6	109.9	104.5	98.3	96.0	<i>97.1</i>	<i>96.8</i>	<i>96.4</i>	<i>96.3</i>	<i>97.1</i>	<i>98.1</i>	110.3	<i>97.0</i>	<i>97.0</i>
Food	111.7	111.6	110.5	110.7	109.0	109.0	<i>109.4</i>	<i>109.6</i>	<i>110.0</i>	<i>110.3</i>	<i>110.9</i>	<i>111.7</i>	111.2	<i>109.2</i>	<i>110.7</i>
Paper	94.8	94.9	93.2	85.7	80.6	79.0	<i>78.6</i>	<i>78.4</i>	<i>78.3</i>	<i>78.2</i>	<i>78.4</i>	<i>78.9</i>	92.1	<i>79.1</i>	<i>78.5</i>
Chemicals	113.3	111.8	107.1	102.9	101.1	100.0	<i>100.2</i>	<i>100.4</i>	<i>100.6</i>	<i>100.7</i>	<i>101.1</i>	<i>102.0</i>	108.8	<i>100.4</i>	<i>101.1</i>
Petroleum	111.3	112.0	106.8	109.9	107.1	107.4	<i>107.6</i>	<i>107.0</i>	<i>106.3</i>	<i>106.2</i>	<i>106.5</i>	<i>106.7</i>	110.0	<i>107.3</i>	<i>106.4</i>
Stone, Clay, Glass	104.2	102.3	101.1	95.1	84.7	82.5	<i>81.0</i>	<i>80.6</i>	<i>80.3</i>	<i>80.8</i>	<i>81.7</i>	<i>83.1</i>	100.7	<i>82.2</i>	<i>81.5</i>
Primary Metals	111.9	108.5	106.9	82.2	64.9	60.5	<i>60.3</i>	<i>59.8</i>	<i>59.4</i>	<i>59.5</i>	<i>61.5</i>	<i>63.4</i>	102.4	<i>61.4</i>	<i>60.9</i>
Resins and Synthetic Products	104.5	103.7	92.0	86.8	90.2	89.5	<i>89.3</i>	<i>88.8</i>	<i>88.5</i>	<i>88.3</i>	<i>88.4</i>	<i>89.1</i>	96.8	<i>89.5</i>	<i>88.6</i>
Agricultural Chemicals	109.4	109.3	106.3	90.0	81.1	82.9	<i>84.4</i>	<i>85.3</i>	<i>85.7</i>	<i>85.9</i>	<i>87.1</i>	<i>88.6</i>	103.7	<i>83.4</i>	<i>86.8</i>
Natural Gas-weighted (a)	109.2	108.0	103.2	95.6	89.9	88.8	<i>88.8</i>	<i>88.7</i>	<i>88.5</i>	<i>88.5</i>	<i>89.1</i>	<i>90.0</i>	104.0	<i>89.1</i>	<i>89.0</i>
Price Indexes															
Consumer Price Index															
(index, 1982-1984=1.00)	2.13	2.15	2.19	2.14	2.13	2.13	<i>2.15</i>	<i>2.16</i>	<i>2.18</i>	<i>2.18</i>	<i>2.19</i>	<i>2.21</i>	2.15	<i>2.14</i>	<i>2.19</i>
Producer Price Index: All Commodities															
(index, 1982=1.00)	1.85	1.94	2.00	1.79	1.71	1.69	<i>1.70</i>	<i>1.72</i>	<i>1.74</i>	<i>1.73</i>	<i>1.74</i>	<i>1.76</i>	1.90	<i>1.70</i>	<i>1.74</i>
Producer Price Index: Petroleum															
(index, 1982=1.00)	2.58	3.18	3.28	1.83	1.37	1.67	<i>1.96</i>	<i>1.96</i>	<i>2.01</i>	<i>2.09</i>	<i>2.11</i>	<i>2.08</i>	2.72	<i>1.74</i>	<i>2.07</i>
GDP Implicit Price Deflator															
(index, 2000=100)	121.6	122.0	123.1	123.3	124.2	124.0	<i>124.1</i>	<i>124.6</i>	<i>125.4</i>	<i>125.4</i>	<i>125.7</i>	<i>126.5</i>	122.5	<i>124.2</i>	<i>125.7</i>
Miscellaneous															
Vehicle Miles Traveled (b)															
(million miles/day)	7,725	8,321	8,147	7,866	7,597	8,417	<i>8,206</i>	<i>7,909</i>	<i>7,670</i>	<i>8,477</i>	<i>8,282</i>	<i>7,959</i>	8,014	<i>8,034</i>	<i>8,098</i>
Air Travel Capacity															
(Available ton-miles/day, thousands)	543	558	546	513	493	471	<i>488</i>	<i>498</i>	<i>502</i>	<i>501</i>	<i>504</i>	<i>505</i>	540	<i>487</i>	<i>503</i>
Aircraft Utilization															
(Revenue ton-miles/day, thousands)	323	346	338	298	275	295	<i>306</i>	<i>305</i>	<i>300</i>	<i>313</i>	<i>316</i>	<i>311</i>	326	<i>296</i>	<i>310</i>
Airline Ticket Price Index															
(index, 1982-1984=100)	263.5	288.1	305.6	270.7	252.7	252.4	<i>268.2</i>	<i>270.8</i>	<i>278.4</i>	<i>284.4</i>	<i>287.5</i>	<i>282.9</i>	282.0	<i>261.0</i>	<i>283.3</i>
Raw Steel Production															
(million short tons per day)	0.302	0.303	0.298	0.200	0.146	0.152	<i>0.152</i>	<i>0.159</i>	<i>0.132</i>	<i>0.121</i>	<i>0.137</i>	<i>0.124</i>	0.276	<i>0.152</i>	<i>0.129</i>

- = no data available

(a) Natural gas share weights of individual sector indices based on EIA *Manufacturing Energy Consumption Survey*, 2002.

(b) Total highway travel includes gasoline and diesel fuel vehicles.

Notes: The approximate break between historical and forecast values is shown with historical data printed in bold; estimates and forecasts in italics.

Historical data: Latest data available from U.S. Department of Commerce, Bureau of Economic Analysis; Federal Reserve System, Statistical release G17; Federal Highway Administration; and Federal Aviation Administration.

Minor discrepancies with published historical data are due to independent rounding.

Projections: Macroeconomic projections are based on the Global Insight Model of the U.S. Economy and Regional Economic Information and simulation of the EIA Regional Short-Term Energy Model.

Table 9b. U.S. Regional Macroeconomic Data

Energy Information Administration/Short-Term Energy Outlook - July 2009

	2008				2009				2010				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2008	2009	2010
Real Gross State Product (Billion \$2000)															
New England	643	648	647	637	627	623	<i>623</i>	<i>624</i>	<i>625</i>	<i>627</i>	<i>630</i>	<i>634</i>	644	<i>624</i>	<i>629</i>
Middle Atlantic	1,801	1,815	1,816	1,788	1,759	1,746	<i>1,745</i>	<i>1,747</i>	<i>1,747</i>	<i>1,749</i>	<i>1,756</i>	<i>1,769</i>	1,805	<i>1,749</i>	<i>1,755</i>
E. N. Central	1,638	1,645	1,641	1,614	1,589	1,577	<i>1,574</i>	<i>1,572</i>	<i>1,572</i>	<i>1,575</i>	<i>1,577</i>	<i>1,589</i>	1,634	<i>1,578</i>	<i>1,578</i>
W. N. Central	734	739	739	728	718	715	<i>716</i>	<i>717</i>	<i>718</i>	<i>721</i>	<i>724</i>	<i>730</i>	735	<i>716</i>	<i>723</i>
S. Atlantic	2,136	2,147	2,143	2,105	2,074	2,058	<i>2,058</i>	<i>2,060</i>	<i>2,065</i>	<i>2,078</i>	<i>2,089</i>	<i>2,109</i>	2,133	<i>2,062</i>	<i>2,085</i>
E. S. Central	549	553	551	542	535	531	<i>531</i>	<i>531</i>	<i>531</i>	<i>534</i>	<i>536</i>	<i>540</i>	549	<i>532</i>	<i>535</i>
W. S. Central	1,263	1,277	1,280	1,264	1,249	1,241	<i>1,242</i>	<i>1,245</i>	<i>1,249</i>	<i>1,258</i>	<i>1,267</i>	<i>1,279</i>	1,271	<i>1,245</i>	<i>1,263</i>
Mountain	763	769	770	755	745	739	<i>739</i>	<i>739</i>	<i>740</i>	<i>744</i>	<i>748</i>	<i>755</i>	764	<i>740</i>	<i>747</i>
Pacific	2,050	2,065	2,059	2,020	1,991	1,976	<i>1,976</i>	<i>1,979</i>	<i>1,987</i>	<i>2,003</i>	<i>2,019</i>	<i>2,040</i>	2,048	<i>1,980</i>	<i>2,012</i>
Industrial Output, Manufacturing (Index, Year 1997=100)															
New England	109.3	108.3	106.1	101.1	96.6	93.8	<i>94.5</i>	<i>93.8</i>	<i>93.5</i>	<i>93.4</i>	<i>93.8</i>	<i>94.7</i>	106.2	<i>94.7</i>	<i>93.8</i>
Middle Atlantic	107.3	106.1	103.9	98.5	92.9	90.8	<i>91.6</i>	<i>91.2</i>	<i>90.6</i>	<i>90.2</i>	<i>90.9</i>	<i>91.8</i>	103.9	<i>91.6</i>	<i>90.9</i>
E. N. Central	111.1	109.2	106.2	100.8	92.3	89.6	<i>90.0</i>	<i>89.4</i>	<i>88.4</i>	<i>87.7</i>	<i>88.3</i>	<i>89.1</i>	106.8	<i>90.3</i>	<i>88.4</i>
W. N. Central	124.1	122.9	120.3	115.3	107.8	105.7	<i>107.9</i>	<i>108.3</i>	<i>107.9</i>	<i>107.8</i>	<i>108.7</i>	<i>109.9</i>	120.6	<i>107.4</i>	<i>108.6</i>
S. Atlantic	109.8	107.8	104.8	99.1	93.3	90.8	<i>91.6</i>	<i>91.2</i>	<i>90.6</i>	<i>90.4</i>	<i>91.1</i>	<i>92.1</i>	105.4	<i>91.7</i>	<i>91.1</i>
E. S. Central	114.5	112.7	109.2	103.0	95.7	93.0	<i>93.7</i>	<i>93.0</i>	<i>92.2</i>	<i>91.6</i>	<i>92.4</i>	<i>93.5</i>	109.9	<i>93.9</i>	<i>92.4</i>
W. S. Central	123.1	122.0	119.5	114.6	109.3	107.2	<i>108.5</i>	<i>108.5</i>	<i>108.1</i>	<i>107.9</i>	<i>108.7</i>	<i>109.8</i>	119.8	<i>108.4</i>	<i>108.6</i>
Mountain	127.4	125.4	122.5	116.8	111.0	108.9	<i>110.8</i>	<i>111.0</i>	<i>111.4</i>	<i>111.7</i>	<i>112.7</i>	<i>114.3</i>	123.0	<i>110.4</i>	<i>112.6</i>
Pacific	117.4	116.1	113.5	107.6	102.5	100.4	<i>101.8</i>	<i>101.9</i>	<i>102.2</i>	<i>102.7</i>	<i>103.6</i>	<i>104.9</i>	113.6	<i>101.6</i>	<i>103.4</i>
Real Personal Income (Billion \$2000)															
New England	574	573	569	573	570	570	<i>564</i>	<i>563</i>	<i>563</i>	<i>566</i>	<i>567</i>	<i>567</i>	572	<i>567</i>	<i>566</i>
Middle Atlantic	1,548	1,546	1,535	1,547	1,537	1,538	<i>1,521</i>	<i>1,522</i>	<i>1,523</i>	<i>1,532</i>	<i>1,536</i>	<i>1,535</i>	1,544	<i>1,529</i>	<i>1,532</i>
E. N. Central	1,426	1,433	1,415	1,426	1,417	1,422	<i>1,404</i>	<i>1,400</i>	<i>1,401</i>	<i>1,407</i>	<i>1,408</i>	<i>1,406</i>	1,425	<i>1,411</i>	<i>1,405</i>
W. N. Central	632	635	630	634	632	633	<i>626</i>	<i>626</i>	<i>627</i>	<i>631</i>	<i>633</i>	<i>633</i>	633	<i>629</i>	<i>631</i>
S. Atlantic	1,839	1,851	1,826	1,841	1,843	1,848	<i>1,827</i>	<i>1,825</i>	<i>1,830</i>	<i>1,843</i>	<i>1,851</i>	<i>1,853</i>	1,839	<i>1,836</i>	<i>1,844</i>
E. S. Central	485	492	483	488	490	493	<i>485</i>	<i>484</i>	<i>485</i>	<i>488</i>	<i>489</i>	<i>489</i>	487	<i>488</i>	<i>487</i>
W. S. Central	1,077	1,093	1,078	1,095	1,098	1,101	<i>1,090</i>	<i>1,090</i>	<i>1,092</i>	<i>1,102</i>	<i>1,109</i>	<i>1,111</i>	1,086	<i>1,094</i>	<i>1,104</i>
Mountain	644	646	640	644	642	643	<i>638</i>	<i>637</i>	<i>639</i>	<i>643</i>	<i>645</i>	<i>645</i>	643	<i>640</i>	<i>643</i>
Pacific	1,692	1,702	1,689	1,700	1,695	1,698	<i>1,675</i>	<i>1,672</i>	<i>1,675</i>	<i>1,687</i>	<i>1,695</i>	<i>1,699</i>	1,696	<i>1,685</i>	<i>1,689</i>
Households (Thousands)															
New England	5,467	5,471	5,471	5,479	5,480	5,479	<i>5,483</i>	<i>5,487</i>	<i>5,494</i>	<i>5,503</i>	<i>5,512</i>	<i>5,520</i>	5,479	<i>5,487</i>	<i>5,520</i>
Middle Atlantic	15,153	15,168	15,171	15,192	15,193	15,186	<i>15,192</i>	<i>15,202</i>	<i>15,219</i>	<i>15,242</i>	<i>15,266</i>	<i>15,290</i>	15,192	<i>15,202</i>	<i>15,290</i>
E. N. Central	17,855	17,878	17,889	17,923	17,934	17,940	<i>17,946</i>	<i>17,955</i>	<i>17,955</i>	<i>17,993</i>	<i>18,025</i>	<i>18,054</i>	17,923	<i>17,955</i>	<i>18,054</i>
W. N. Central	7,982	7,995	8,003	8,021	8,030	8,036	<i>8,049</i>	<i>8,062</i>	<i>8,078</i>	<i>8,098</i>	<i>8,116</i>	<i>8,133</i>	8,021	<i>8,062</i>	<i>8,133</i>
S. Atlantic	22,186	22,240	22,282	22,354	22,401	22,441	<i>22,499</i>	<i>22,560</i>	<i>22,632</i>	<i>22,711</i>	<i>22,790</i>	<i>22,870</i>	22,354	<i>22,560</i>	<i>22,870</i>
E. S. Central	6,994	7,010	7,020	7,039	7,049	7,057	<i>7,071</i>	<i>7,086</i>	<i>7,104</i>	<i>7,124</i>	<i>7,151</i>	<i>7,178</i>	7,039	<i>7,086</i>	<i>7,178</i>
W. S. Central	12,447	12,488	12,520	12,566	12,597	12,621	<i>12,659</i>	<i>12,696</i>	<i>12,738</i>	<i>12,785</i>	<i>12,830</i>	<i>12,873</i>	12,566	<i>12,696</i>	<i>12,873</i>
Mountain	7,834	7,862	7,887	7,924	7,952	7,974	<i>7,998</i>	<i>8,029</i>	<i>8,056</i>	<i>8,092</i>	<i>8,128</i>	<i>8,160</i>	7,924	<i>8,029</i>	<i>8,160</i>
Pacific	16,965	17,013	17,049	17,105	17,140	17,168	<i>17,208</i>	<i>17,253</i>	<i>17,302</i>	<i>17,359</i>	<i>17,417</i>	<i>17,475</i>	17,105	<i>17,253</i>	<i>17,475</i>
Total Non-farm Employment (Millions)															
New England	7.1	7.1	7.0	7.0	6.9	6.8	<i>6.7</i>	<i>6.7</i>	<i>6.7</i>	<i>6.7</i>	<i>6.7</i>	<i>6.7</i>	7.0	<i>6.8</i>	<i>6.7</i>
Middle Atlantic	18.7	18.7	18.7	18.5	18.3	18.1	<i>18.0</i>	<i>18.0</i>	<i>17.9</i>	<i>17.9</i>	<i>17.9</i>	<i>18.0</i>	18.6	<i>18.1</i>	<i>17.9</i>
E. N. Central	21.5	21.4	21.3	21.0	20.6	20.3	<i>20.2</i>	<i>20.1</i>	<i>20.1</i>	<i>20.1</i>	<i>20.0</i>	<i>20.0</i>	21.3	<i>20.3</i>	<i>20.0</i>
W. N. Central	10.2	10.2	10.2	10.2	10.0	9.9	<i>9.9</i>	<i>9.8</i>	<i>9.8</i>	<i>9.8</i>	<i>9.8</i>	<i>9.9</i>	10.2	<i>9.9</i>	<i>9.8</i>
S. Atlantic	26.4	26.3	26.1	25.8	25.4	25.1	<i>25.0</i>	<i>24.9</i>	<i>24.9</i>	<i>24.9</i>	<i>24.9</i>	<i>25.0</i>	26.2	<i>25.1</i>	<i>24.9</i>
E. S. Central	7.8	7.8	7.8	7.7	7.5	7.4	<i>7.4</i>	<i>7.4</i>	<i>7.3</i>	<i>7.3</i>	<i>7.3</i>	<i>7.4</i>	7.8	<i>7.4</i>	<i>7.3</i>
W. S. Central	15.3	15.4	15.4	15.4	15.2	15.1	<i>15.0</i>	<i>14.9</i>	<i>14.9</i>	<i>15.0</i>	<i>15.0</i>	<i>15.1</i>	15.4	<i>15.0</i>	<i>15.0</i>
Mountain	9.8	9.8	9.7	9.6	9.4	9.3	<i>9.3</i>	<i>9.2</i>	<i>9.2</i>	<i>9.2</i>	<i>9.3</i>	<i>9.3</i>	9.7	<i>9.3</i>	<i>9.3</i>
Pacific	20.8	20.7	20.6	20.4	20.0	19.8	<i>19.6</i>	<i>19.5</i>	<i>19.5</i>	<i>19.6</i>	<i>19.6</i>	<i>19.7</i>	20.6	<i>19.7</i>	<i>19.6</i>

- = no data available

Notes: The approximate break between historical and forecast values is shown with historical data printed in bold; estimates and forecasts in italics.

Regions refer to U.S. Census divisions.

 See "Census division" in EIA's Energy Glossary (<http://www.eia.doe.gov/glossary/index.html>) for a list of States in each region.

Historical data: Latest data available from U.S. Department of Commerce, Bureau of Economic Analysis; Federal Reserve System, Statistical release G17.

Minor discrepancies with published historical data are due to independent rounding.

Projections: Macroeconomic projections are based on the Global Insight Model of the U.S. Economy.

Table 9c. U.S. Regional Weather Data

Energy Information Administration/Short-Term Energy Outlook - July 2009

	2008				2009				2010				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2008	2009	2010
Heating Degree-days															
New England	3,114	861	139	2,281	3,386	887	182	2,247	3,212	928	175	2,254	6,395	6,702	6,569
Middle Atlantic	2,814	674	78	2,076	3,030	687	124	2,053	2,950	750	118	2,046	5,642	5,894	5,864
E. N. Central	3,365	777	102	2,451	3,287	772	156	2,287	3,112	789	156	2,299	6,696	6,502	6,356
W. N. Central	3,540	852	146	2,574	3,341	806	184	2,464	3,177	721	183	2,496	7,114	6,795	6,577
South Atlantic	1,452	234	13	1,083	1,553	229	25	1,056	1,512	246	24	1,041	2,782	2,863	2,823
E. S. Central	1,914	283	11	1,434	1,806	287	33	1,373	1,855	295	32	1,361	3,641	3,499	3,543
W. S. Central	1,212	101	9	855	1,069	143	9	888	1,244	111	9	879	2,178	2,109	2,243
Mountain	2,409	765	150	1,789	2,159	673	175	1,941	2,290	720	168	1,942	5,112	4,948	5,120
Pacific	1,496	543	77	1,068	1,409	465	105	1,145	1,419	552	104	1,120	3,184	3,124	3,195
U.S. Average	2,251	528	70	1,646	2,235	512	100	1,623	2,200	538	97	1,620	4,496	4,470	4,455
Heating Degree-days, 30-year Normal (a)															
New England	3,219	930	190	2,272	3,219	930	190	2,272	3,219	930	190	2,272	6,611	6,611	6,611
Middle Atlantic	2,968	752	127	2,064	2,968	752	127	2,064	2,968	752	127	2,064	5,911	5,911	5,911
E. N. Central	3,227	798	156	2,316	3,227	798	156	2,316	3,227	798	156	2,316	6,497	6,497	6,497
W. N. Central	3,326	729	183	2,512	3,326	729	183	2,512	3,326	729	183	2,512	6,750	6,750	6,750
South Atlantic	1,523	247	25	1,058	1,523	247	25	1,058	1,523	247	25	1,058	2,853	2,853	2,853
E. S. Central	1,895	299	33	1,377	1,895	299	33	1,377	1,895	299	33	1,377	3,604	3,604	3,604
W. S. Central	1,270	112	9	896	1,270	112	9	896	1,270	112	9	896	2,287	2,287	2,287
Mountain	2,321	741	183	1,964	2,321	741	183	1,964	2,321	741	183	1,964	5,209	5,209	5,209
Pacific	1,419	556	108	1,145	1,419	556	108	1,145	1,419	556	108	1,145	3,228	3,228	3,228
U.S. Average	2,242	543	101	1,638	2,242	543	101	1,638	2,242	543	101	1,638	4,524	4,524	4,524
Cooling Degree-days															
New England	0	105	391	0	0	61	353	0	0	71	368	1	496	414	440
Middle Atlantic	0	204	540	0	0	116	514	5	0	142	530	5	744	635	677
E. N. Central	0	198	497	4	0	175	499	8	1	197	502	8	698	682	708
W. N. Central	0	229	612	6	0	266	641	12	3	263	650	15	847	919	931
South Atlantic	122	626	1,073	165	84	674	1,080	211	113	568	1,088	222	1,986	2,049	1,991
E. S. Central	17	501	1,000	43	6	575	995	62	31	462	1,008	65	1,562	1,638	1,566
W. S. Central	81	890	1,370	154	103	894	1,417	176	81	780	1,425	189	2,495	2,590	2,475
Mountain	17	423	969	93	11	375	835	65	15	387	851	77	1,503	1,286	1,330
Pacific	6	187	606	70	0	152	512	41	7	154	520	55	869	705	736
U.S. Average	35	385	789	68	27	374	769	77	35	344	779	83	1,277	1,247	1,241
Cooling Degree-days, 30-year Normal (a)															
New England	0	81	361	1	0	81	361	1	0	81	361	1	443	443	443
Middle Atlantic	0	151	508	7	0	151	508	7	0	151	508	7	666	666	666
E. N. Central	1	208	511	10	1	208	511	10	1	208	511	10	730	730	730
W. N. Central	3	270	661	14	3	270	661	14	3	270	661	14	948	948	948
South Atlantic	113	576	1,081	213	113	576	1,081	213	113	576	1,081	213	1,983	1,983	1,983
E. S. Central	29	469	1,002	66	29	469	1,002	66	29	469	1,002	66	1,566	1,566	1,566
W. S. Central	80	790	1,424	185	80	790	1,424	185	80	790	1,424	185	2,479	2,479	2,479
Mountain	17	383	839	68	17	383	839	68	17	383	839	68	1,307	1,307	1,307
Pacific	10	171	526	49	10	171	526	49	10	171	526	49	756	756	756
U.S. Average	34	353	775	80	34	353	775	80	34	353	775	80	1,242	1,242	1,242

- = no data available

(a) 30-year normal represents average over 1971 - 2000, reported by National Oceanic and Atmospheric Administration.

Notes: The approximate break between historical and forecast values is shown with historical data printed in bold; estimates and forecasts in italics.

Regions refer to U.S. Census divisions.

See "Census division" in EIA's Energy Glossary (<http://www.eia.doe.gov/glossary/index.html>) for a list of States in each region.

Historical data: Latest data available from U.S. Department of Commerce, National Oceanic and Atmospheric Association (NOAA).

Minor discrepancies with published historical data are due to independent rounding.

Projections: Based on forecasts by the NOAA Climate Prediction Center.