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Energy Information Administration

May 2009

Short-Term Energy Outlook

May 12, 2009 Release

Highlights

- Energy prices rose in early May following reports suggesting that the U.S. economy may have reached a turning point in the current recession, at least in some sectors. Near-term prices in this *Outlook*, however, remain somewhat below market prices as of its release date given that prospects for a global economic turnaround remain highly uncertain. EIA's forecast is based on a macroeconomic outlook that assumes the U.S. and global economies begin to stabilize in the coming months and show signs of recovery late in 2009 and into 2010.

- The price of West Texas Intermediate (WTI) crude oil is expected to remain relatively flat for the remainder of 2009, averaging about $55 per barrel over the second half of 2009. Assuming a modest economic improvement next year, WTI prices are expected to average about $58 in 2010.

- During this summer driving season (April through September), regular gasoline retail prices are projected to average $2.21 per gallon, down about $1.60 from last summer. The annual average regular-grade gasoline retail price in 2009 is expected to be $2.12 per gallon, increasing to an average of $2.30 in 2010. The annual average diesel fuel retail prices are expected to be $2.26 and $2.48 per gallon, respectively, in 2009 and 2010.

- The Henry Hub natural gas spot price is projected to average $4.06 per thousand cubic feet (Mcf) in 2009, down from an average of $9.13 per Mcf in 2008. Then, buoyed by modest economic growth next year, the price is expected to increase to an average of about $5.21 per Mcf in 2010. The projected steep decline in industrial output this year is expected to reduce industrial natural gas consumption by 8 percent, resulting in a 1.9-percent decrease in total annual consumption of natural gas. Natural gas consumption in the electric power sector, however, is projected to increase by 2.1 percent since lower natural gas prices are expected to back out some coal consumption

in this sector. (See this month's supplemental report, *The Implications of Lower Natural Gas Prices in the Electric Power Sector*).

Global Petroleum

Overview. EIA is currently projecting a weaker global oil market for 2009 than anticipated in last month's assessment. Expectations of global economic recovery and a resultant increase in demand were offset by initial data for the first quarter showing high oil inventories, weak consumption, and higher-than-expected production. Price increases will likely be muted by the substantial surplus production capacity held by members of the Organization of the Petroleum Exporting Countries (OPEC), along with very high level of inventories among members of the Organization for Economic Cooperation and Development (OECD). The expectation that prices should rise in 2009-2010 because of future economic growth will need to be tempered with the current market reality of this supply overhang. The main downside risk to this *Outlook*'s oil price forecast remains a prolonged global economic slump, as well as the possibility of reduced compliance with OPEC production targets in the months ahead.

Consumption. World oil consumption remains weak because of the global economic downturn. Based on revised data and a re-estimation of the impact of the economic slowdown on oil consumption, EIA has reduced its forecast for world oil consumption from the fourth quarter of 2008 through the end of the forecast period. World oil consumption is now projected to fall by 1.8 million barrels per day (bbl/d) in 2009, a decline that is 0.4 million bbl/d larger than the decline projected in last month's *Outlook*. The forecasts for Asia and the Former Soviet Union (FSU) show the largest revisions. In total, OECD oil consumption is expected to fall by nearly 2 million bbl/d in 2009, with oil consumption in Japan alone expected to fall by over 0.5 million bbl/d in 2009. Partially offsetting declining OECD oil consumption is a growth of 0.2 million bbl/d in non-OECD consumption, particularly in the Middle East, China, and India. World oil consumption is expected to grow by 0.7 million bbl/d in 2010, on the back of a rebound in global economic activity next year (World Liquid Fuels Consumption).

Non-OPEC Supply. EIA has revised projected non-OPEC supply growth in 2009 upward to 100,000 bbl/d. Recent data indicate that production in the first quarter of 2009 was higher than expected in the North Sea, FSU, and Latin America, although much of the revision for Latin America reflects a re-evaluation of seasonal ethanol production in Brazil. Total liquids production from Norway and offshore United Kingdom was 140,000 bbl/d higher in the first quarter than forecasted from last month. Russia tallied a year-over-year increase in its oil production in March, the first such increase in the past 6 months and only the second such increase since November

2007. Non-OPEC supply is expected to increase by a modest 45,000 bbl/d in 2010, due to increasing production from Brazil, the United States, and the FSU (Non-OPEC Crude Oil and Liquid Fuels Production Growth).

OPEC Supply. The current weakness in global oil markets is driven not only by demand weakness, but also by additional supplies from both non-OPEC and OPEC members. Crude oil production by OPEC (including Iraq) in the first quarter averaged 28.7 million bbl/d, roughly 3 million bbl/d below third-quarter 2008 levels. In addition, production of other petroleum liquids outside of the quota system, such as natural gas liquids, is projected to continue growing. OPEC will meet again on May 28 to assess market conditions and production targets. EIA expects that total OPEC petroleum liquids production will average 33.5 million bbl/d for the year, some 2 million bbl/d below 2008 levels, and could reach 34.4 million bbl/d in 2010. Surplus crude oil production capacity in OPEC, which has increased from an estimated 1 million barrels in mid-2008 to 4.3 million barrels in April 2009, is projected to remain relatively high over the forecast period, exceeding 5 million bbl/d in 2010.

Inventories. Revised data indicate that OECD commercial inventories at year-end 2008 stood at 2.7 billion barrels. At 57 days of forward cover, OECD commercial inventories were well above average levels for that time of year (Days of Supply of OECD Commercial Stocks). Preliminary estimates suggest that OECD commercial inventories increased by 34 million barrels during the first quarter, reaching 60 days of forward cover. The United States was mostly responsible for this counter-seasonal build in OECD commercial inventories, with other OECD-member commercial stocks largely unchanged during that period. EIA estimates there are also an additional 130 million barrels of crude oil in floating storage, which we take into consideration in our oil market outlook.

U.S. Crude Oil and Liquid Fuels

Consumption. Total consumption of liquid fuels and other petroleum products averaged 19.4 million bbl/d in 2008, down nearly 1.3 million bbl/d from 2007 (U.S. Petroleum Products Consumption Growth). Based on the prospects of a continuing weak economy, consumption is projected to shrink by an additional 570,000 bbl/d in 2009, led by a 200,000-bbl/d fall in distillate fuel consumption. The assumed gradual economic recovery in 2010 is expected to contribute to a 250,000-bbl/d increase in total liquid fuels consumption. Having fallen by 320,000 bbl/d last year, motor gasoline consumption is projected to increase slightly in 2009 and then rise by a further 70,000 bbl/d in 2010, or 0.7 percent, as continuing high unemployment constrains increases in driving activity. Distillate consumption in 2010 is projected to rise by only 50,000 bbl/d, reflecting a weak recovery in industrial activity.

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). Crude oil production is projected to increase to an average of 5.20 million bbl/d in 2009 and 5.33 million bbl/d in 2010. Contributing to the increases in output are the Gulf of Mexico Thunder Horse and Tahiti platforms.

Prices. WTI crude oil prices, which averaged $99.57 per barrel in 2008 (Crude Oil Prices), are projected to average $52 per barrel in 2009 and $58 per barrel in 2010. These prices are about $1 per barrel and $5 per barrel, respectively, below those projected in last month's *Outlook*. However, a stronger-than-expected economic recovery or lower non-OPEC production (due to low oil prices, financial market constraints, or more aggressive action to cut production by OPEC countries) could lead to a faster and stronger rise in oil prices. As always, energy price forecasts are highly uncertain. Both recent experience and the sizable participation in near-term crude oil futures options contracts at strike prices that are significantly different from current futures market prices clearly demonstrate that crude oil prices can move within a wide range in a relatively short period.

EIA projects that regular-grade motor gasoline retail prices, which averaged $3.26 per gallon in 2008, will average $2.12 per gallon this year, down 4 cents per gallon from last month's *Outlook* projection. Regular-grade gasoline retail prices are projected to rise to $2.30 per gallon in 2010, 12 cents lower than projected in the previous *Outlook*. These projections indicate that total gasoline margins, which had declined last year as a result of weakness in gasoline consumption and growth in ethanol supplies, are expected to stabilize, albeit at low levels, as consumption slowly recovers and increases in ethanol supplies moderate.

Diesel fuel retail prices, which averaged $3.80 per gallon in 2008, are projected to average $2.26 per gallon in 2009, down 4 cents per gallon from the previous *Outlook*. Diesel fuel retail prices are projected to average $2.48 per gallon in 2010, down 21 cents per gallon from the previous *Outlook*.

Natural Gas

Consumption. Total natural gas consumption is projected to decline by 1.9 percent in 2009 and then increase slightly in 2010 (Total U.S. Natural Gas Consumption Growth). Weak economic conditions leading to significantly lower natural gas consumption in the industrial sector are expected to be the main source of the dip in total consumption this year. The projected increase in natural gas use in the electric power sector offsets some of this decline. Lower relative natural gas prices compared with coal, particularly in the Southeast, are expected to induce higher utilization of natural-

gas-fired electric generation capacity in the near-term and lead to a consumption increase of 2.1 percent in the electric power sector this year. (See this month's supplemental report, *The Implications of Lower Natural Gas Prices in the Electric Power Sector*). Natural gas consumption is expected to decline slightly in the residential and commercial sectors this year. Similar to other fuels across the energy market, the outlook for natural gas consumption in 2010 is highly contingent upon the timing and pace of economic recovery. Under current assumptions, consumption growth in the electric power sector and a slight recovery in the industrial sector are expected to contribute to a small increase in total consumption for the year, despite minor consumption declines in the residential and commercial sectors due to the expectation of 0.8 percent fewer heating degree-days than the previous year.

Production and Imports. Total U.S. marketed natural gas production is expected to decline by 1.0 percent in 2009 and by 2.8 percent in 2010. As a result of poor economic conditions and lower natural gas prices, total working natural gas rigs have declined by 54 percent since last August. The erosion of drilling activity combined with production curtailments in response to current and projected low prices and high inventory levels are expected to cause natural gas production in the lower-48 non-Gulf of Mexico (GOM) to decrease by about 1.6 percent in 2009. Conversely, marketed production from the Federal GOM is expected to increase by 3.4 percent in 2009 due to the return of facilities damaged by Hurricanes Gustav and Ike as well as the start-up of new production associated with offshore oil projects. Despite expectations of higher prices next year, the lagged effects of the downturn in drilling this year and the natural decline in productivity from existing wells are expected to contribute to lower production in both the lower-48 non-GOM and Federal GOM regions in 2010.

Expected weak natural gas demand in the liquefied natural gas (LNG)-consuming countries of Asia and Europe, the startup of new liquefaction capacity, and limited natural gas storage capacity in countries that typically rely on LNG are expected to increase the availability of LNG for the United States. U.S. LNG imports are expected to increase from 350 billion cubic feet (Bcf) in 2008 to about 500 Bcf in 2009 and 650 Bcf in 2010. However, there is significant uncertainty associated with the global LNG balance. U.S. pipeline imports are expected to decline by about 7 percent in 2009 because of the impacts of suspended drilling programs and declining well productivity in Canada.

Inventories. On May 1, 2009, working natural gas in storage was 1,918 Bcf (U.S. Working Natural Gas in Storage). Current inventories are now 362 Bcf above the 5-year average (2004–2008), and 491 Bcf above the level during the corresponding week last year. The natural gas working inventory is projected to peak at about 3,635 Bcf at

the end of October 2009, exceeding the previous record of 3,565 Bcf reported for the end of October 2007. Over the past 10 years natural gas working inventory has typically reached a maximum level during the first 2 weeks of November, with the earliest seasonal peak reported the week ending October 20, 2006, and the latest peak the week ending November 30, 2001.

Prices. The Henry Hub spot price averaged $3.62 per Mcf in April, $0.46 per Mcf below the average spot price in March, as consumption has flagged amidst the drop in economic activity. No significant rise in average spot prices is expected until cooler temperatures increase the demand for space heating in the fall. While the seasonal boost in natural gas consumption is expected to add some strength to prices, robust storage levels are expected to limit any significant upward price movement through the winter. However, as the expected improvement in the economy contributes to demand recovery in 2010, sustained lower production levels could lead to higher prices in the latter part of the forecast period. The Henry Hub spot price is expected to average $4.06 per Mcf in 2009 and $5.21 per Mcf in 2010.

Electricity

Consumption. The drag on industrial retail sales of electricity as a result of the ongoing recession is expected to decrease total electricity consumption by 0.8 percent this year. Consumption is projected to return to a more normal growth rate of 1.5 percent in 2010 (U.S. Total Electricity Consumption).

Prices. The increased cost of constructing new generation and transmission facilities has led to rising residential retail electricity prices despite lower power generation fuel costs. As a result, residential electricity prices are projected to increase by 4.4 percent in 2009. The lower fuel costs are expected to be passed through to consumers later in the year, slowing growth in 2010 residential retail prices to 1.9 percent (U.S. Residential Electricity Prices).

Generation. EIA's preliminary estimates indicate that power generation by natural-gas-fired plants increased by nearly 3 percent in February 2009 from the same month last year while coal generation fell by about 14 percent. This change in the relative generation fuel mix may be a response to the converging generation costs for coal and natural gas (see *The Implications of Lower Natural Gas Prices in the Electric Power Sector*). A similar pattern is expected to continue during the rest of 2009, with natural gas generation increasing by 2.9 percent and coal generation falling by 2.8 percent.

Coal

Consumption. A decline in overall electricity generation, combined with projected increases from natural gas, nuclear, and renewable generation (hydroelectric and wind) sources, are projected to lead to a 2.3-percent decline in coal consumption in the electric power sector. An expected increase in total electricity generation of 1.6 percent in 2010 is expected to lead to a 1.4-percent increase in electric-power-sector coal consumption. Consumption in the coke-plant sector is expected to continue falling over the forecast period (U.S. Coal Consumption Growth).

Production. Production is expected to fall by 4.9 percent in 2009 in response to lower total domestic coal consumption combined with export declines. Production is projected to increase by 1.0 percent in 2010 as domestic consumption and exports increase with an improving economy (U.S. Annual Coal Production).

Exports. Reductions in global coal demand are expected to reduce U.S. coal exports by about 12 million short tons, a 14-percent decrease, in 2009 but an expected increase in global coal demand is projected to result in a 15-percent increase in exports in 2010.

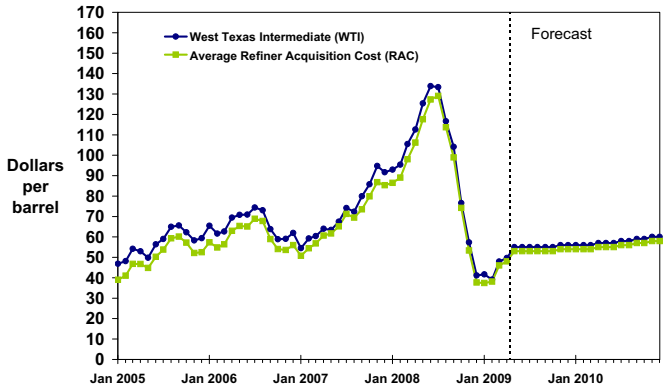
Prices. The average delivered coal price to the electric power sector increased by more than 17 percent in 2008, to an average of $2.07 per million Btu. Although record increases in spot prices (some well over 100 percent) for several types of coal contributed to the increase in the cost of coal, spot market purchases make up only a small portion of total coal consumed. Instead, a rise in transportation charges was the primary reason for the cost increase last year. Despite declines in electricity demand and lower fuel costs, the annual average delivered coal price, which is primarily dictated by long-term coal contracts, is projected to increase to $2.11 per million Btu in 2009 since current delivered prices were set when contracts were entered into during a period of high prices for all fuels a year or more ago. The average delivered coal price is expected to decline to $1.91 per million Btu in 2010.

Energy Information Administration
Official Energy Statistics from the U.S. Government

Short-Term Energy Outlook

Chart Gallery for May 2009

Crude Oil Prices



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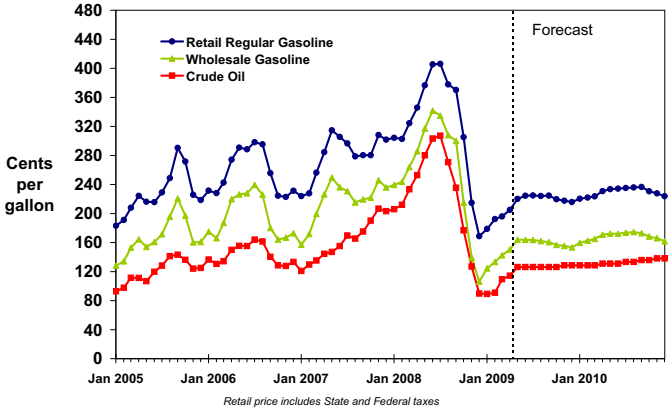
Gasoline and Crude Oil Prices



Retail price includes State and Federal taxes

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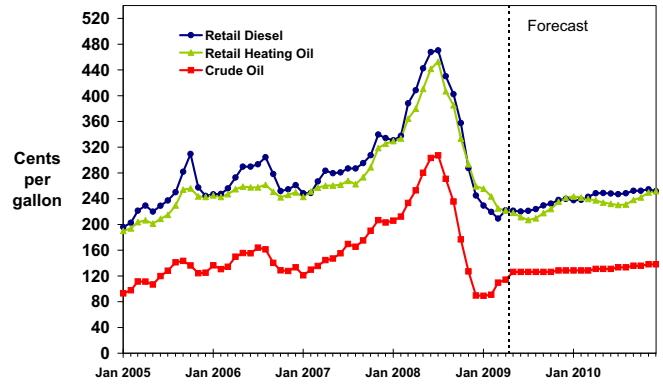
U.S. Distillate Fuel Prices



Retail prices include State and Federal taxes

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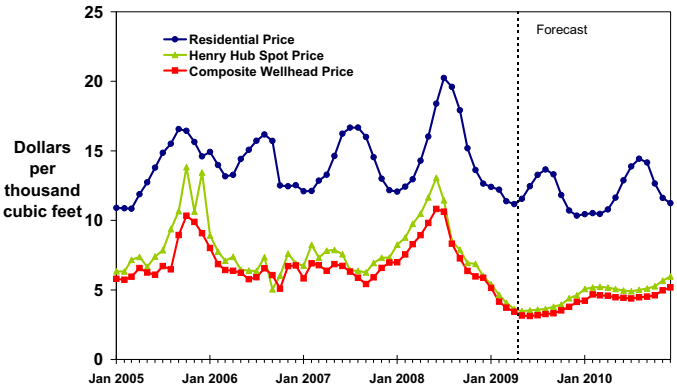
Natural Gas Prices



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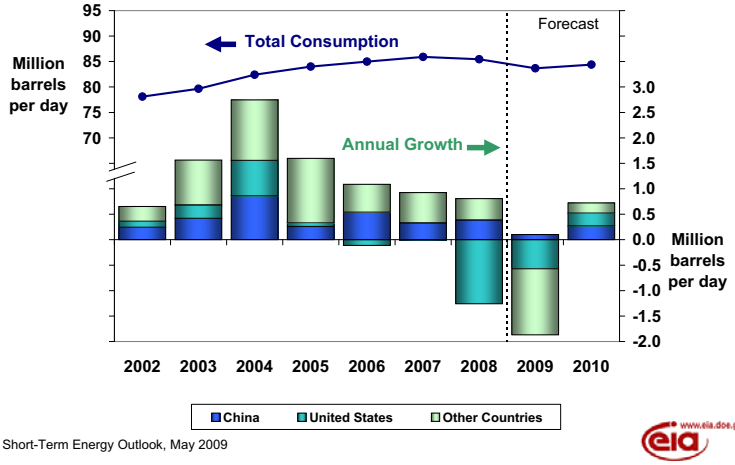
World Liquid Fuels Consumption



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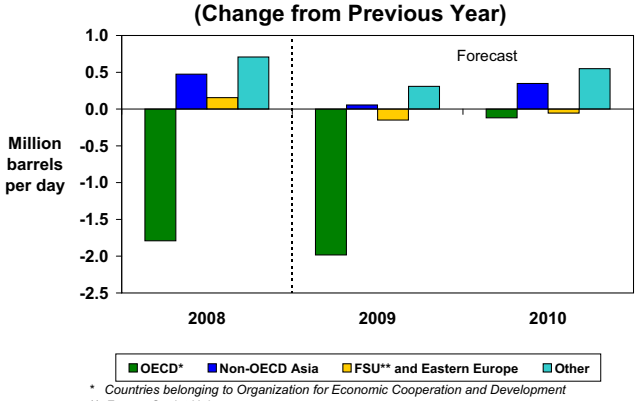
World Liquid Fuels Consumption Growth (Change from Previous Year)



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

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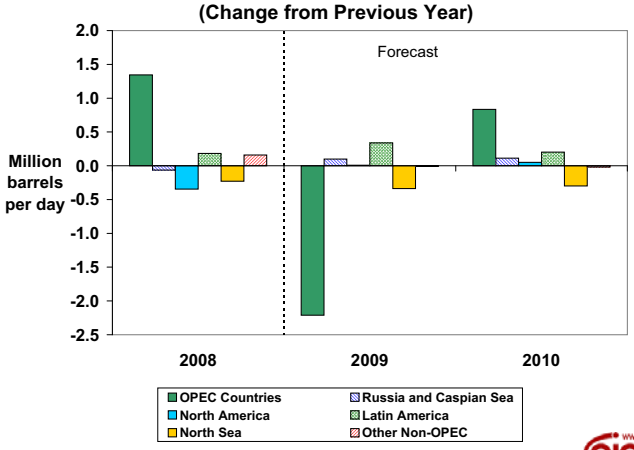
World Crude Oil and Liquid Fuels Production Growth (Change from Previous Year)



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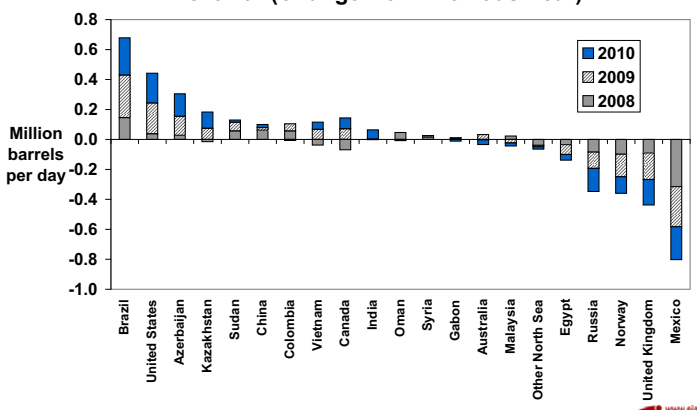
Non-OPEC Crude Oil and Liquid Fuels Production Growth (Change from Previous Year)



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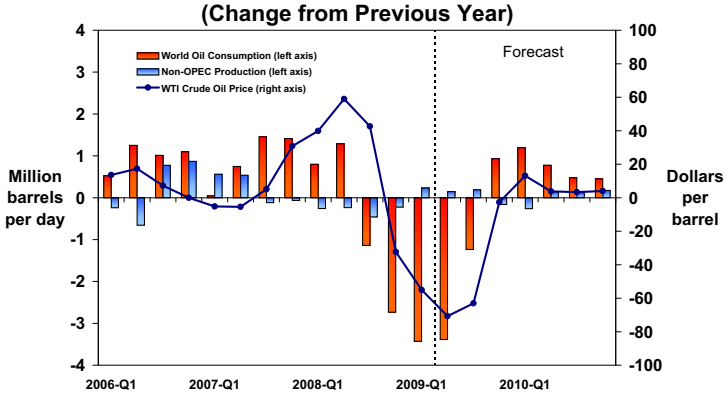
World Consumption and Non-OPEC Production (Change from Previous Year)



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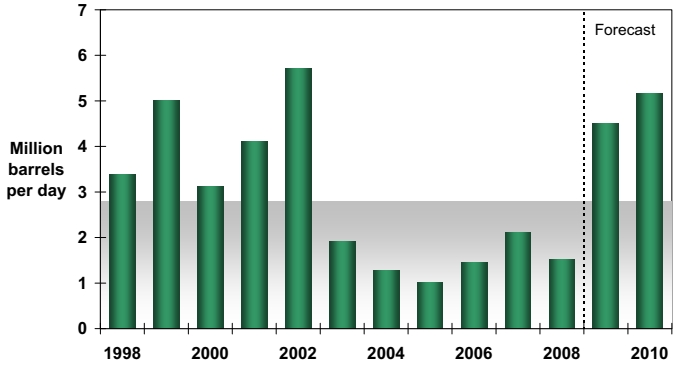
OPEC Surplus Crude Oil Production Capacity



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

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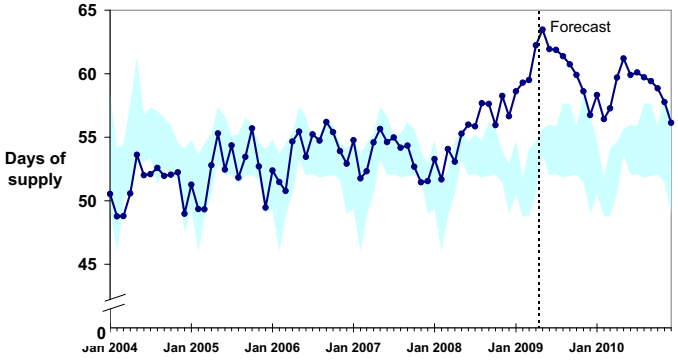
Days of Supply of OECD Commercial Oil Stocks



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

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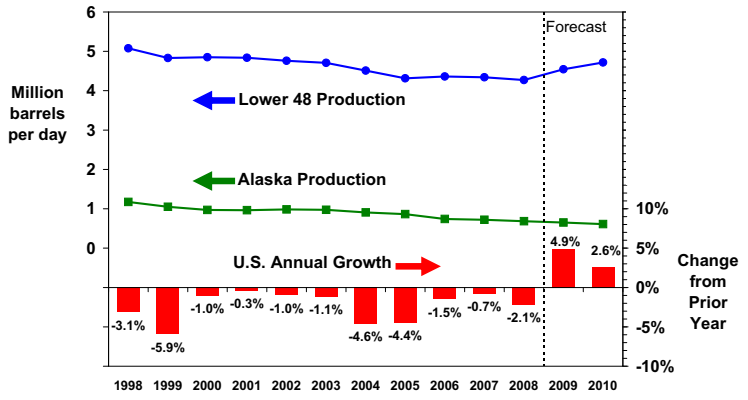
U.S. Crude Oil Production



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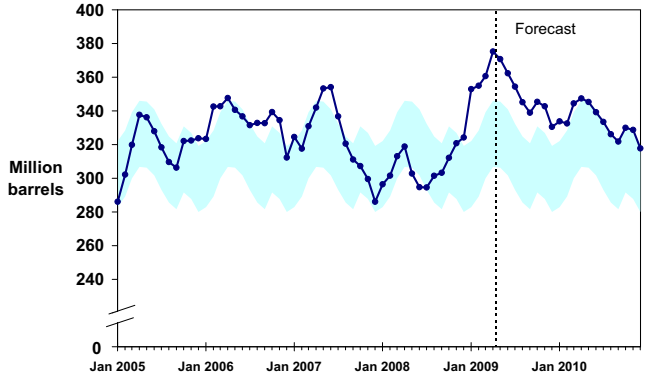
U.S. Crude Oil Stocks



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

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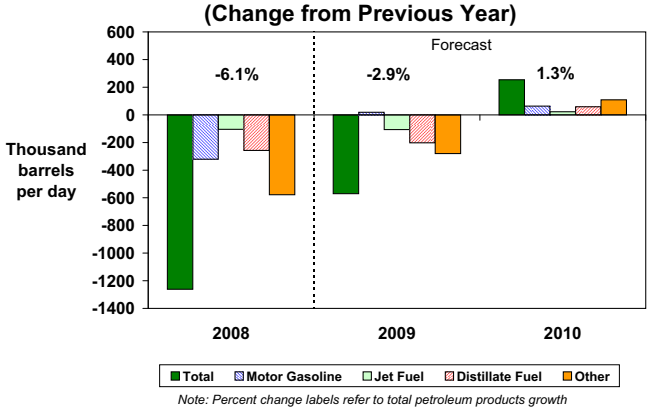
U.S. Liquid Fuels Consumption Growth (Change from Previous Year)



Note: Percent change labels refer to total petroleum products growth

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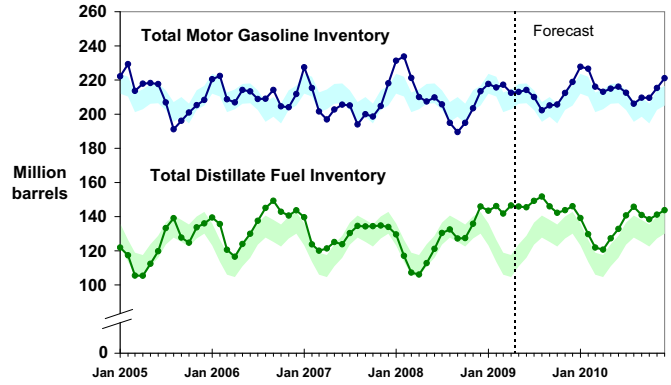
U.S. Gasoline and Distillate Inventories



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

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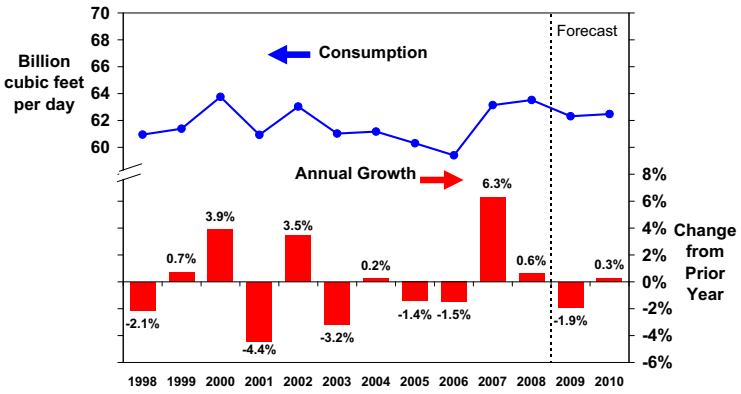
U.S. Total Natural Gas Consumption



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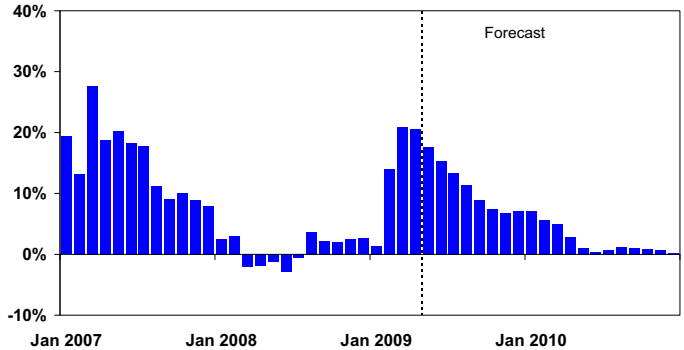
U.S. Working Natural Gas in Storage (Percent Difference from Previous 5-Year Average)



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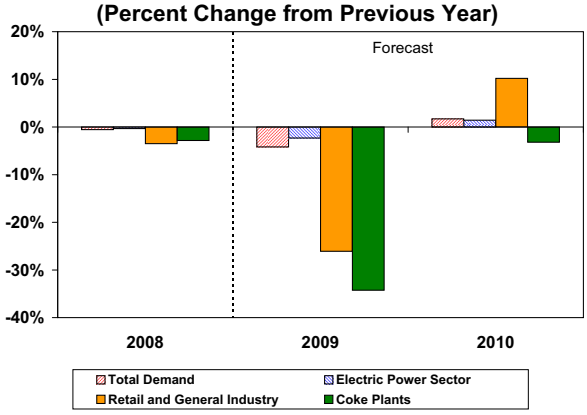
U.S. Coal Consumption Growth
(Percent Change from Previous Year)



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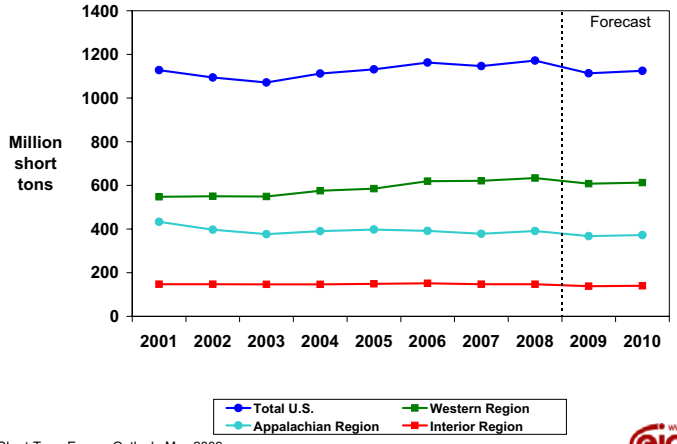
U.S. Annual Coal Production



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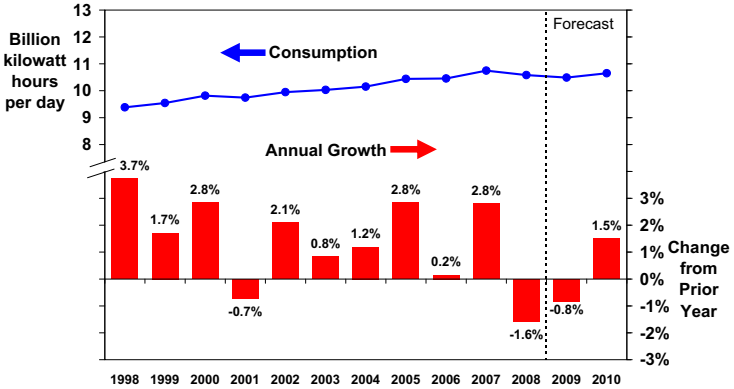
U.S. Total Electricity Consumption



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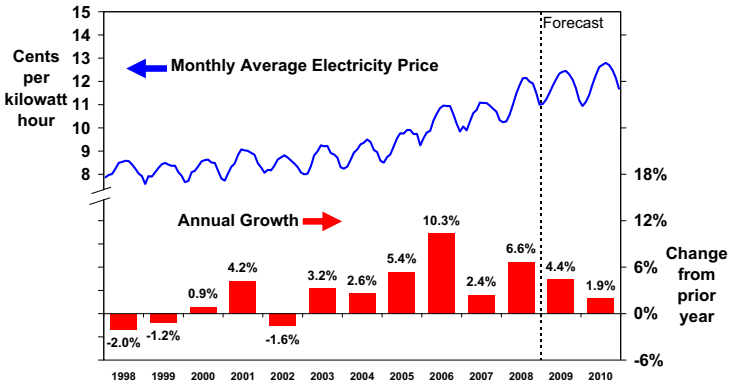
U.S. Residential Electricity Price



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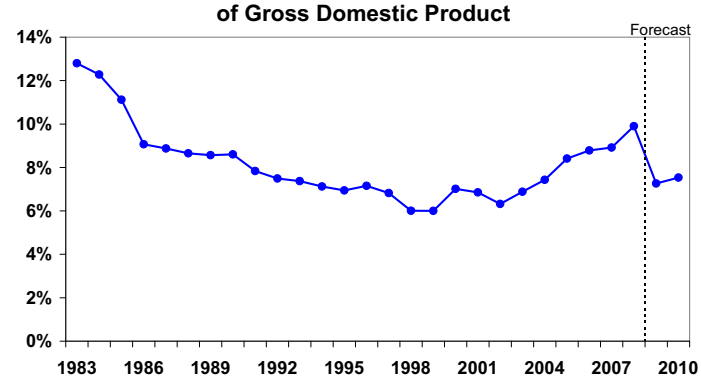
U.S. Annual Energy Expenditures As Percent of Gross Domestic Product



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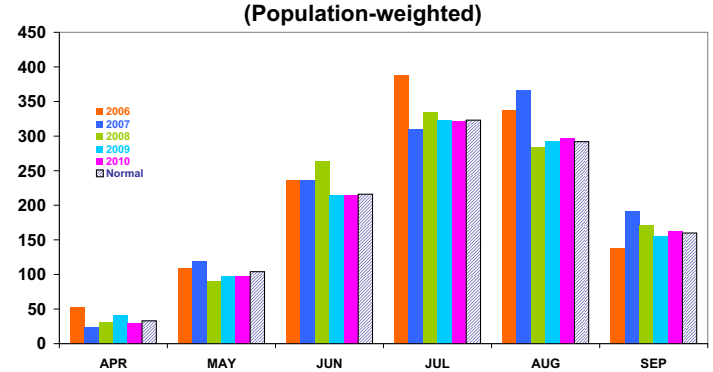
U.S. Summer Cooling Degree-Days (Population-weighted)



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

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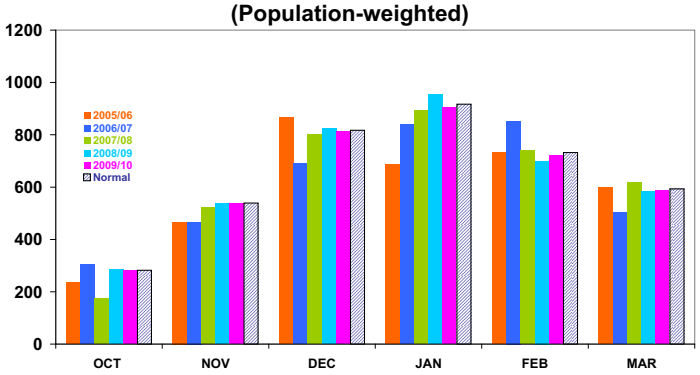
U.S. Winter Heating Degree-Days (Population-weighted)



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

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U.S. Census Regions and Census Divisions

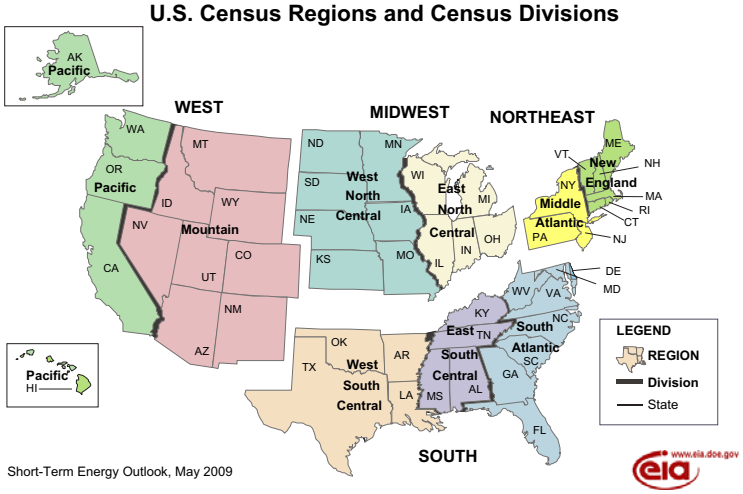

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Table SF01. U.S. Motor Gasoline Summer Outlook

Energy Information Administration/Short-Term Energy Outlook -- May 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**	*1.27*	*1.31*	*1.29*	*-57.1*	*-53.4*	*-55.3*
Imported Crude Oil Price[b]	**2.76**	**2.69**	**2.72**	*1.20*	*1.24*	*1.22*	*-56.6*	*-53.9*	*-55.3*
U.S. Refiner Average Crude Oil Cost	**2.79**	**2.74**	**2.76**	*1.22*	*1.26*	*1.24*	*-56.2*	*-53.9*	*-55.0*
Wholesale Gasoline Price[c]	**3.15**	**3.15**	**3.15**	*1.60*	*1.62*	*1.61*	*-49.3*	*-48.5*	*-48.9*
Wholesale Diesel Fuel Price[c]	**3.65**	**3.47**	**3.56**	*1.50*	*1.54*	*1.52*	*-59.0*	*-55.6*	*-57.3*
Regular Gasoline Retail Price[d]	**3.76**	**3.85**	**3.81**	*2.17*	*2.25*	*2.21*	*-42.4*	*-41.7*	*-42.0*
Diesel Fuel Retail Price[d]	**4.39**	**4.34**	**4.37**	*2.21*	*2.25*	*2.23*	*-49.6*	*-48.2*	*-48.9*
Gasoline Consumption/Supply (million barrels per day)									
Total Consumption	**9.135**	**8.882**	**9.008**	*9.109*	*9.036*	*9.073*	*-0.3*	*1.7*	*0.7*
Total Refinery Output[e]	**7.339**	**7.102**	**7.220**	*7.476*	*7.474*	*7.475*	*1.9*	*5.2*	*3.5*
Fuel Ethanol Blending	**0.615**	**0.656**	**0.635**	*0.663*	*0.681*	*0.672*	*7.8*	*3.8*	*5.7*
Total Stock Withdrawal[f]	**0.126**	**0.221**	**0.173**	*0.034*	*0.099*	*0.067*			
Net Imports[f]	**1.056**	**0.902**	**0.979**	*0.937*	*0.783*	*0.859*	*-11.3*	*-13.3*	*-12.2*
Refinery Utilization (percent)	**88.2**	**83.6**	**85.9**	*83.4*	*83.1*	*83.2*			
Gasoline Stocks, Including Blending Components (million barrels)									
Beginning	**221.2**	**209.8**	**221.2**	*217.3*	*214.2*	*217.3*			
Ending	**209.8**	**189.5**	**189.5**	*214.2*	*205.1*	*205.1*			
Economic Indicators (annualized billion 2000 dollars)									
Real GDP	**11,727**	**11,712**	**11,720**	*11,230*	*11,191*	*11,211*	*-4.2*	*-4.5*	*-4.3*
Real Income	**8,891**	**8,696**	**8,794**	*8,999*	*8,956*	*8,977*	*1.2*	*3.0*	*2.1*

[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 - May 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**	**5.26**	*5.26*	*5.10*	*5.17*	*5.24*	*5.34*	*5.34*	*5.40*	**4.96**	*5.20*	*5.33*
Dry Natural Gas Production															
(billion cubic feet per day)	**55.88**	**56.36**	**55.52**	**56.95**	**57.84**	*57.17*	*54.66*	*53.20*	*53.33*	*53.89*	*54.27*	*55.05*	**56.18**	*55.70*	*54.14*
Coal Production															
(million short tons)	**289**	**284**	**299**	**299**	**283**	*267*	*275*	*289*	*277*	*273*	*280*	*295*	**1,171**	*1,114*	*1,125*
Energy Consumption															
Liquid Fuels															
(million barrels per day)	**19.88**	**19.68**	**18.84**	**19.28**	**18.94**	*18.64*	*18.79*	*19.02*	*19.11*	*18.96*	*19.06*	*19.27*	**19.42**	*18.85*	*19.10*
Natural Gas															
(billion cubic feet per day)	**82.18**	**55.17**	**52.98**	**63.89**	**79.40**	*53.88*	*54.18*	*62.08*	*78.68*	*53.73*	*54.71*	*63.07*	**63.53**	*62.32*	*62.48*
Coal (b)															
(million short tons)	**284**	**268**	**299**	**270**	**265**	*251*	*291*	*268*	*270*	*257*	*295*	*271*	**1,122**	*1,075*	*1,093*
Electricity															
(billion kilowatt hours per day)	**10.57**	**10.21**	**11.64**	**9.90**	**10.28**	*10.00*	*11.73*	*9.94*	*10.44*	*10.15*	*11.90*	*10.08*	**10.58**	*10.49*	*10.65*
Renewables (c)															
(quadrillion Btu)	**1.62**	**1.84**	**1.67**	**1.62**	**1.73**	*1.82*	*1.71*	*1.67*	*1.85*	*1.97*	*1.81*	*1.73*	**6.74**	*6.92*	*7.36*
Total Energy Consumption (d)															
(quadrillion Btu)	**26.71**	**23.97**	**24.19**	**24.63**	**25.96**	*23.14*	*24.14*	*24.29*	*25.80*	*23.44*	*24.50*	*24.62*	**99.50**	*97.53*	*98.37*
Nominal Energy Prices															
Crude Oil (e)															
(dollars per barrel)	**91.17**	**117.20**	**114.89**	**55.19**	**40.61**	*51.36*	*53.00*	*53.67*	*54.00*	*55.00*	*56.32*	*57.67*	**94.68**	*49.72*	*55.77*
Natural Gas Wellhead															
(dollars per thousand cubic feet)	**7.62**	**9.86**	**8.81**	**6.06**	**4.35**	*3.24*	*3.25*	*3.82*	*4.50*	*4.49*	*4.45*	*4.92*	**8.08**	*3.66*	*4.59*
Coal															
(dollars per million Btu)	**1.91**	**2.04**	**2.16**	**2.18**	**2.25**	*2.16*	*2.06*	*1.98*	*1.96*	*1.92*	*1.90*	*1.87*	**2.07**	*2.11*	*1.91*
Macroeconomic															
Real Gross Domestic Product															
(billion chained 2000 dollars - SAAR)	**11,646**	**11,727**	**11,712**	**11,522**	**11,327**	*11,230*	*11,191*	*11,192*	*11,223*	*11,306*	*11,380*	*11,483*	**11,652**	*11,235*	*11,348*
Percent change from prior year	**2.5**	**2.1**	**0.7**	**-0.8**	**-2.7**	*-4.2*	*-4.5*	*-2.9*	*-0.9*	*0.7*	*1.7*	*2.6*	**1.1**	*-3.6*	*1.0*
GDP Implicit Price Deflator															
(Index, 2000=100)	**121.6**	**122.0**	**123.1**	**123.3**	**124.3**	*124.2*	*124.4*	*125.0*	*125.7*	*125.7*	*126.1*	*126.8*	**122.5**	*124.5*	*126.1*
Percent change from prior year	**2.3**	**2.0**	**2.6**	**2.0**	**2.2**	*1.8*	*1.1*	*1.4*	*1.1*	*1.3*	*1.3*	*1.5*	**2.2**	*1.6*	*1.3*
Real Disposable Personal Income															
(billion chained 2000 dollars - SAAR)	**8,668**	**8,891**	**8,696**	**8,754**	**8,861**	*8,999*	*8,956*	*8,936*	*8,874*	*8,929*	*8,965*	*8,952*	**8,752**	*8,938*	*8,930*
Percent change from prior year	**0.6**	**3.3**	**0.3**	**0.8**	**2.2**	*1.2*	*3.0*	*2.1*	*0.1*	*-0.8*	*0.1*	*0.2*	**1.3**	*2.1*	*-0.1*
Manufacturing Production Index															
(Index, 2002=100)	**114.1**	**112.6**	**109.9**	**104.7**	**98.2**	*96.8*	*95.7*	*94.8*	*94.5*	*94.7*	*95.6*	*96.9*	**110.4**	*96.4*	*95.4*
Percent change from prior year	**1.3**	**-0.9**	**-3.9**	**-8.5**	**-14.0**	*-14.0*	*-13.0*	*-9.5*	*-3.7*	*-2.2*	*0.0*	*2.2*	**-3.0**	*-12.7*	*-1.0*
Weather															
U.S. Heating Degree-Days	**2,251**	**528**	**70**	**1,647**	**2,235**	*542*	*100*	*1,632*	*2,211*	*542*	*100*	*1,620*	**4,496**	*4,509*	*4,472*
U.S. Cooling Degree-Days	**35**	**385**	**789**	**69**	**27**	*354*	*771*	*76*	*35*	*341*	*782*	*83*	**1,277**	*1,228*	*1,241*

- = 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 - May 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**	*53.22*	*55.00*	*55.67*	*56.00*	*57.00*	*58.33*	*59.67*	**99.57**	*51.70*	*57.75*
Imported Average	**89.74**	**115.93**	**112.85**	**52.31**	**40.13**	*50.28*	*52.00*	*52.66*	*53.00*	*54.00*	*55.32*	*56.66*	**92.59**	*48.70*	*54.76*
Refiner Average Acquisition Cost	**91.17**	**117.20**	**114.89**	**55.19**	**40.61**	*51.36*	*53.00*	*53.67*	*54.00*	*55.00*	*56.32*	*57.67*	**94.68**	*49.72*	*55.77*
Liquid Fuels (cents per gallon)															
Refiner Prices for Resale															
Gasoline	**249**	**315**	**315**	**154**	**133**	*160*	*162*	*155*	*162*	*172*	*174*	*165*	**258**	*153*	*168*
Diesel Fuel	**283**	**365**	**347**	**200**	**137**	*150*	*154*	*164*	*168*	*178*	*178*	*180*	**303**	*151*	*176*
Heating Oil	**269**	**347**	**337**	**189**	**145**	*145*	*150*	*163*	*164*	*169*	*169*	*173*	**275**	*150*	*168*
Refiner Prices to End Users															
Jet Fuel	**284**	**364**	**357**	**204**	**139**	*149*	*153*	*164*	*171*	*177*	*177*	*180*	**305**	*151*	*176*
No. 6 Residual Fuel Oil (a)	**187**	**218**	**262**	**134**	**108**	*118*	*117*	*122*	*122*	*117*	*119*	*128*	**200**	*116*	*122*
Propane to Petrochemical Sector	**145**	**166**	**172**	**83**	**67**	*69*	*73*	*77*	*81*	*81*	*78*	*85*	**139**	*72*	*82*
Retail Prices Including Taxes															
Gasoline Regular Grade (b)	**311**	**376**	**385**	**230**	**189**	*217*	*225*	*218*	*222*	*233*	*236*	*227*	**326**	*212*	*230*
Gasoline All Grades (b)	**316**	**381**	**391**	**236**	**194**	*222*	*229*	*223*	*227*	*238*	*241*	*232*	**331**	*217*	*235*
On-highway Diesel Fuel	**352**	**439**	**434**	**299**	**219**	*221*	*225*	*237*	*240*	*248*	*249*	*253*	**380**	*226*	*248*
Heating Oil	**340**	**401**	**409**	**286**	**243**	*219*	*212*	*236*	*242*	*235*	*234*	*249*	**338**	*235*	*242*
Propane	**250**	**265**	**270**	**241**	**232**	*192*	*168*	*178*	*187*	*181*	*168*	*184*	**251**	*200*	*182*
Natural Gas (dollars per thousand cubic feetf)															
Average Wellhead	**7.62**	**9.86**	**8.81**	**6.06**	**4.35**	*3.24*	*3.25*	*3.82*	*4.50*	*4.49*	*4.45*	*4.92*	**8.08**	*3.66*	*4.59*
Henry Hub Spot	**8.92**	**11.73**	**9.29**	**6.60**	**4.71**	*3.54*	*3.67*	*4.32*	*5.15*	*5.06*	*5.00*	*5.63*	**9.13**	*4.06*	*5.21*
End-Use Prices															
Industrial Sector	**8.91**	**11.10**	**10.76**	**7.71**	**6.48**	*4.65*	*4.33*	*5.22*	*6.04*	*5.60*	*5.42*	*6.32*	**9.61**	*5.17*	*5.85*
Commercial Sector	**11.35**	**13.12**	**14.16**	**11.44**	**10.52**	*8.73*	*8.25*	*8.70*	*9.17*	*8.97*	*9.15*	*9.60*	**11.98**	*9.41*	*9.24*
Residential Sector	**12.44**	**15.58**	**19.25**	**13.32**	**12.06**	*11.53*	*13.41*	*10.69*	*10.47*	*11.44*	*14.15*	*11.57*	**13.67**	*11.68*	*11.22*
Electricity															
Power Generation Fuel Costs (dollars per million Btu)															
Coal	**1.91**	**2.04**	**2.16**	**2.18**	**2.25**	*2.16*	*2.06*	*1.98*	*1.96*	*1.92*	*1.90*	*1.87*	**2.07**	*2.11*	*1.91*
Natural Gas	**8.57**	**11.08**	**9.75**	**6.67**	**5.44**	*3.89*	*3.82*	*4.47*	*5.33*	*5.18*	*5.11*	*5.63*	**9.13**	*4.30*	*5.29*
Residual Fuel Oil (c)	**12.90**	**15.44**	**17.75**	**10.28**	**7.16**	*8.09*	*8.15*	*8.37*	*8.43*	*8.20*	*8.22*	*8.74*	**14.40**	*7.74*	*8.39*
Distillate Fuel Oil	**18.86**	**23.38**	**23.99**	**14.88**	**10.56**	*10.49*	*10.96*	*11.72*	*11.83*	*12.11*	*12.30*	*12.53*	**20.27**	*10.94*	*12.20*
End-Use Prices (cents per kilowatthour)															
Industrial Sector	**6.4**	**6.9**	**7.6**	**7.1**	**6.9**	*7.2*	*7.6*	*7.1*	*7.0*	*7.3*	*7.8*	*7.4*	**7.0**	*7.2*	*7.4*
Commercial Sector	**9.5**	**10.3**	**11.0**	**10.2**	**10.1**	*10.6*	*11.1*	*10.4*	*10.2*	*10.8*	*11.4*	*10.8*	**10.3**	*10.6*	*10.8*
Residential Sector	**10.4**	**11.5**	**12.1**	**11.4**	**11.2**	*12.1*	*12.4*	*11.6*	*11.1*	*12.3*	*12.7*	*12.1*	**11.4**	*11.9*	*12.1*

- = 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 - May 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	**21.29**	**21.09**	**20.39**	**20.94**	**21.15**	*20.64*	*20.14*	*20.36*	*20.39*	*20.39*	*20.01*	*20.21*	**20.92**	*20.57*	*20.25*
U.S. (50 States)	**8.62**	**8.75**	**8.18**	**8.43**	**8.78**	*8.76*	*8.59*	*8.68*	*8.71*	*8.90*	*8.94*	*9.04*	**8.49**	*8.70*	*8.90*
Canada	**3.38**	**3.23**	**3.40**	**3.40**	**3.40**	*3.43*	*3.42*	*3.46*	*3.52*	*3.52*	*3.47*	*3.49*	**3.35**	*3.42*	*3.50*
Mexico	**3.29**	**3.19**	**3.15**	**3.12**	**3.06**	*2.96*	*2.85*	*2.80*	*2.75*	*2.77*	*2.66*	*2.61*	**3.19**	*2.92*	*2.70*
North Sea (b)	**4.47**	**4.33**	**4.07**	**4.39**	**4.35**	*3.93*	*3.73*	*3.91*	*3.92*	*3.71*	*3.47*	*3.63*	**4.32**	*3.98*	*3.68*
Other OECD	**1.53**	**1.58**	**1.59**	**1.60**	**1.56**	*1.57*	*1.55*	*1.51*	*1.50*	*1.49*	*1.48*	*1.44*	**1.57**	*1.55*	*1.48*
Non-OECD	**64.41**	**64.60**	**65.02**	**64.13**	**62.32**	*62.76*	*63.11*	*62.93*	*63.56*	*63.86*	*64.09*	*64.41*	**64.54**	*62.79*	*63.98*
OPEC	**35.66**	**35.83**	**36.24**	**35.21**	**33.19**	*33.40*	*33.89*	*33.60*	*33.93*	*34.10*	*34.63*	*34.75*	**35.73**	*33.52*	*34.36*
Crude Oil Portion	**31.25**	**31.40**	**31.74**	**30.72**	**28.65**	*28.57*	*28.91*	*28.49*	*28.58*	*28.57*	*29.07*	*29.07*	**31.28**	*28.65*	*28.82*
Other Liquids	**4.41**	**4.42**	**4.50**	**4.49**	**4.54**	*4.83*	*4.98*	*5.12*	*5.35*	*5.53*	*5.56*	*5.69*	**4.46**	*4.87*	*5.53*
Former Soviet Union	**12.59**	**12.60**	**12.42**	**12.46**	**12.60**	*12.66*	*12.57*	*12.58*	*12.70*	*12.76*	*12.63*	*12.69*	**12.52**	*12.60*	*12.70*
China	**3.94**	**4.00**	**3.97**	**3.98**	**3.93**	*4.00*	*4.00*	*4.03*	*4.02*	*4.04*	*3.99*	*4.00*	**3.97**	*3.99*	*4.01*
Other Non-OECD	**12.23**	**12.17**	**12.38**	**12.47**	**12.60**	*12.71*	*12.65*	*12.72*	*12.91*	*12.95*	*12.85*	*12.97*	**12.31**	*12.67*	*12.92*
Total World Production	**85.70**	**85.68**	**85.41**	**85.06**	**83.47**	*83.40*	*83.25*	*83.29*	*83.95*	*84.25*	*84.11*	*84.62*	**85.46**	*83.35*	*84.23*
Non-OPEC Production	**50.04**	**49.86**	**49.17**	**49.85**	**50.28**	*50.00*	*49.36*	*49.69*	*50.02*	*50.14*	*49.48*	*49.86*	**49.73**	*49.83*	*49.87*
Consumption (million barrels per day) (c)															
OECD	**48.68**	**47.09**	**46.48**	**47.09**	**46.19**	*44.25*	*44.92*	*46.05*	*45.92*	*44.21*	*44.82*	*45.98*	**47.33**	*45.35*	*45.23*
U.S. (50 States)	**19.88**	**19.68**	**18.84**	**19.28**	**18.94**	*18.64*	*18.79*	*19.02*	*19.11*	*18.96*	*19.06*	*19.27*	**19.42**	*18.85*	*19.10*
U.S. Territories	**0.27**	**0.28**	**0.29**	**0.23**	**0.23**	*0.25*	*0.25*	*0.25*	*0.25*	*0.25*	*0.24*	*0.25*	**0.27**	*0.25*	*0.25*
Canada	**2.37**	**2.25**	**2.34**	**2.31**	**2.25**	*2.13*	*2.23*	*2.23*	*2.13*	*2.07*	*2.16*	*2.17*	**2.32**	*2.21*	*2.13*
Europe	**15.20**	**14.89**	**15.40**	**15.30**	**14.70**	*14.28*	*14.72*	*14.90*	*14.44*	*14.08*	*14.51*	*14.69*	**15.20**	*14.65*	*14.43*
Japan	**5.41**	**4.59**	**4.30**	**4.67**	**4.74**	*3.84*	*3.90*	*4.32*	*4.68*	*3.81*	*3.87*	*4.29*	**4.74**	*4.20*	*4.16*
Other OECD	**5.55**	**5.39**	**5.31**	**5.30**	**5.33**	*5.10*	*5.03*	*5.32*	*5.30*	*5.05*	*4.97*	*5.31*	**5.39**	*5.20*	*5.16*
Non-OECD	**37.83**	**38.97**	**38.65**	**36.99**	**36.89**	*38.43*	*38.97*	*38.97*	*38.35*	*39.25*	*39.55*	*39.49*	**38.11**	*38.32*	*39.16*
Former Soviet Union	**4.31**	**4.31**	**4.35**	**4.38**	**4.12**	*4.17*	*4.20*	*4.27*	*4.08*	*4.09*	*4.12*	*4.19*	**4.34**	*4.19*	*4.12*
Europe	**0.79**	**0.79**	**0.80**	**0.80**	**0.77**	*0.77*	*0.83*	*0.81*	*0.79*	*0.78*	*0.84*	*0.82*	**0.80**	*0.80*	*0.81*
China	**8.07**	**8.19**	**8.10**	**7.46**	**7.53**	*8.09*	*8.27*	*8.32*	*8.15*	*8.32*	*8.41*	*8.41*	**7.95**	*8.05*	*8.32*
Other Asia	**9.51**	**9.60**	**8.95**	**8.75**	**9.14**	*9.21*	*8.95*	*9.32*	*9.30*	*9.27*	*9.00*	*9.38*	**9.20**	*9.16*	*9.24*
Other Non-OECD	**15.15**	**16.07**	**16.44**	**15.60**	**15.33**	*16.19*	*16.73*	*16.24*	*16.03*	*16.79*	*17.19*	*16.69*	**15.82**	*16.13*	*16.68*
Total World Consumption	**86.50**	**86.07**	**85.13**	**84.09**	**83.07**	*82.68*	*83.89*	*85.02*	*84.27*	*83.46*	*84.37*	*85.47*	**85.44**	*83.67*	*84.39*
Inventory Net Withdrawals (million barrels per day)															
U.S. (50 States)	**0.14**	**-0.36**	**-0.22**	**-0.32**	**-0.46**	*-0.49*	*0.17*	*0.32*	*0.30*	*-0.43*	*-0.03*	*0.30*	**-0.19**	*-0.11*	*0.03*
Other OECD	**-0.25**	**0.05**	**-0.28**	**-0.23**	**-0.08**	*-0.09*	*0.19*	*0.58*	*0.01*	*-0.14*	*0.11*	*0.22*	**-0.18**	*0.15*	*0.05*
Other Stock Draws and Balance	**0.92**	**0.69**	**0.21**	**-0.42**	**0.15**	*-0.14*	*0.28*	*0.83*	*0.01*	*-0.22*	*0.18*	*0.33*	**0.35**	*0.28*	*0.08*
Total Stock Draw	**0.80**	**0.38**	**-0.28**	**-0.98**	**-0.40**	*-0.72*	*0.65*	*1.73*	*0.32*	*-0.79*	*0.26*	*0.85*	**-0.02**	*0.32*	*0.16*
End-of-period Inventories (million barrels)															
U.S. Commercial Inventory	**953**	**980**	**1,003**	**1,033**	**1,064**	*1,098*	*1,081*	*1,050*	*1,023*	*1,062*	*1,064*	*1,037*	**1,033**	*1,050*	*1,037*
OECD Commercial Inventory	**2,569**	**2,599**	**2,649**	**2,696**	**2,730**	*2,773*	*2,738*	*2,654*	*2,626*	*2,678*	*2,670*	*2,622*	**2,696**	*2,654*	*2,622*

- = 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 - May 2009

	2008				2009				2010				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2008	2009	2010
North America	**15.29**	**15.17**	**14.72**	**14.95**	**15.24**	*15.14*	*14.86*	*14.94*	*14.98*	*15.18*	*15.07*	*15.14*	**15.03**	*15.04*	*15.09*
Canada	**3.38**	**3.23**	**3.40**	**3.40**	**3.40**	*3.43*	*3.42*	*3.46*	*3.52*	*3.52*	*3.47*	*3.49*	**3.35**	*3.42*	*3.50*
Mexico	**3.29**	**3.19**	**3.15**	**3.12**	**3.06**	*2.96*	*2.85*	*2.80*	*2.75*	*2.77*	*2.66*	*2.61*	**3.19**	*2.92*	*2.70*
United States	**8.62**	**8.75**	**8.18**	**8.43**	**8.78**	*8.76*	*8.59*	*8.68*	*8.71*	*8.90*	*8.94*	*9.04*	**8.49**	*8.70*	*8.90*
Central and South America	**4.14**	**4.17**	**4.32**	**4.35**	**4.50**	*4.59*	*4.63*	*4.68*	*4.74*	*4.80*	*4.82*	*4.91*	**4.25**	*4.60*	*4.81*
Argentina	**0.81**	**0.75**	**0.81**	**0.81**	**0.80**	*0.80*	*0.79*	*0.78*	*0.78*	*0.79*	*0.77*	*0.77*	**0.79**	*0.79*	*0.78*
Brazil	**2.32**	**2.39**	**2.44**	**2.44**	**2.57**	*2.66*	*2.72*	*2.78*	*2.83*	*2.90*	*2.94*	*3.03*	**2.40**	*2.68*	*2.93*
Colombia	**0.57**	**0.59**	**0.61**	**0.63**	**0.65**	*0.65*	*0.65*	*0.65*	*0.65*	*0.64*	*0.64*	*0.64*	**0.60**	*0.65*	*0.64*
Other Central and S. America	**0.44**	**0.44**	**0.46**	**0.48**	**0.49**	*0.48*	*0.48*	*0.47*	*0.47*	*0.47*	*0.47*	*0.47*	**0.46**	*0.48*	*0.47*
Europe	**5.14**	**5.00**	**4.74**	**5.04**	**4.99**	*4.57*	*4.35*	*4.53*	*4.53*	*4.32*	*4.06*	*4.22*	**4.98**	*4.61*	*4.28*
Norway	**2.51**	**2.42**	**2.39**	**2.55**	**2.52**	*2.26*	*2.21*	*2.28*	*2.32*	*2.21*	*2.11*	*2.17*	**2.47**	*2.32*	*2.20*
United Kingdom (offshore)	**1.61**	**1.58**	**1.36**	**1.52**	**1.51**	*1.34*	*1.20*	*1.31*	*1.28*	*1.19*	*1.05*	*1.16*	**1.52**	*1.34*	*1.17*
Other North Sea	**0.35**	**0.33**	**0.33**	**0.32**	**0.32**	*0.33*	*0.32*	*0.32*	*0.32*	*0.31*	*0.30*	*0.30*	**0.33**	*0.32*	*0.31*
FSU and Eastern Europe	**12.83**	**12.83**	**12.66**	**12.70**	**12.83**	*12.89*	*12.79*	*12.80*	*12.92*	*12.98*	*12.85*	*12.90*	**12.76**	*12.83*	*12.91*
Azerbaijan	**0.91**	**0.98**	**0.85**	**0.77**	**0.93**	*0.99*	*1.02*	*1.07*	*1.11*	*1.15*	*1.16*	*1.19*	**0.88**	*1.00*	*1.15*
Kazakhstan	**1.47**	**1.44**	**1.33**	**1.47**	**1.48**	*1.49*	*1.50*	*1.53*	*1.60*	*1.62*	*1.61*	*1.62*	**1.43**	*1.50*	*1.61*
Russia	**9.78**	**9.75**	**9.82**	**9.81**	**9.77**	*9.76*	*9.63*	*9.56*	*9.58*	*9.58*	*9.46*	*9.48*	**9.79**	*9.68*	*9.53*
Turkmenistan	**0.19**	**0.19**	**0.19**	**0.19**	**0.19**	*0.20*	*0.20*	*0.20*	*0.20*	*0.20*	*0.20*	*0.21*	**0.19**	*0.20*	*0.20*
Other FSU/Eastern Europe	**0.66**	**0.66**	**0.66**	**0.66**	**0.65**	*0.65*	*0.64*	*0.63*	*0.63*	*0.63*	*0.61*	*0.61*	**0.66**	*0.64*	*0.62*
Middle East	**1.56**	**1.55**	**1.56**	**1.57**	**1.57**	*1.57*	*1.54*	*1.54*	*1.56*	*1.55*	*1.53*	*1.54*	**1.56**	*1.55*	*1.54*
Oman	**0.75**	**0.75**	**0.77**	**0.78**	**0.78**	*0.76*	*0.75*	*0.74*	*0.75*	*0.75*	*0.75*	*0.76*	**0.76**	*0.76*	*0.75*
Syria	**0.45**	**0.45**	**0.45**	**0.45**	**0.46**	*0.46*	*0.46*	*0.46*	*0.46*	*0.47*	*0.45*	*0.45*	**0.45**	*0.46*	*0.46*
Yemen	**0.32**	**0.30**	**0.29**	**0.29**	**0.29**	*0.29*	*0.28*	*0.29*	*0.29*	*0.28*	*0.27*	*0.28*	**0.30**	*0.29*	*0.28*
Asia and Oceania	**8.50**	**8.55**	**8.54**	**8.63**	**8.54**	*8.62*	*8.59*	*8.59*	*8.61*	*8.64*	*8.53*	*8.54*	**8.55**	*8.59*	*8.58*
Australia	**0.52**	**0.58**	**0.60**	**0.63**	**0.61**	*0.63*	*0.63*	*0.59*	*0.59*	*0.59*	*0.60*	*0.56*	**0.58**	*0.62*	*0.58*
China	**3.94**	**4.00**	**3.97**	**3.98**	**3.93**	*4.00*	*4.00*	*4.03*	*4.02*	*4.04*	*3.99*	*4.00*	**3.97**	*3.99*	*4.01*
India	**0.89**	**0.88**	**0.87**	**0.89**	**0.86**	*0.87*	*0.90*	*0.90*	*0.92*	*0.94*	*0.94*	*0.96*	**0.88**	*0.88*	*0.94*
Indonesia	**1.04**	**1.04**	**1.06**	**1.07**	**1.05**	*1.03*	*1.00*	*0.99*	*0.96*	*0.95*	*0.93*	*0.93*	**1.05**	*1.02*	*0.94*
Malaysia	**0.74**	**0.71**	**0.73**	**0.73**	**0.72**	*0.70*	*0.70*	*0.69*	*0.70*	*0.69*	*0.68*	*0.67*	**0.73**	*0.70*	*0.68*
Vietnam	**0.34**	**0.31**	**0.29**	**0.31**	**0.35**	*0.39*	*0.39*	*0.40*	*0.42*	*0.43*	*0.43*	*0.44*	**0.31**	*0.38*	*0.43*
Africa	**2.58**	**2.58**	**2.62**	**2.60**	**2.60**	*2.63*	*2.60*	*2.61*	*2.69*	*2.68*	*2.63*	*2.62*	**2.60**	*2.61*	*2.65*
Egypt	**0.63**	**0.62**	**0.65**	**0.62**	**0.59**	*0.57*	*0.56*	*0.54*	*0.54*	*0.53*	*0.52*	*0.51*	**0.63**	*0.56*	*0.53*
Equatorial Guinea	**0.36**	**0.36**	**0.36**	**0.35**	**0.35**	*0.36*	*0.35*	*0.35*	*0.36*	*0.36*	*0.35*	*0.35*	**0.36**	*0.35*	*0.35*
Gabon	**0.24**	**0.25**	**0.25**	**0.25**	**0.25**	*0.26*	*0.26*	*0.25*	*0.25*	*0.25*	*0.24*	*0.24*	**0.25**	*0.26*	*0.24*
Sudan	**0.52**	**0.52**	**0.52**	**0.53**	**0.55**	*0.58*	*0.60*	*0.59*	*0.60*	*0.60*	*0.59*	*0.59*	**0.52**	*0.58*	*0.60*
Total non-OPEC liquids	**50.04**	**49.86**	**49.17**	**49.85**	**50.28**	*50.00*	*49.36*	*49.69*	*50.02*	*50.14*	*49.48*	*49.86*	**49.73**	*49.83*	*49.87*
OPEC non-crude liquids	**4.41**	**4.42**	**4.50**	**4.49**	**4.54**	*4.83*	*4.98*	*5.12*	*5.35*	*5.53*	*5.56*	*5.69*	**4.46**	*4.87*	*5.53*
Non-OPEC + OPEC non-crude	**54.45**	**54.28**	**53.67**	**54.34**	**54.82**	*54.83*	*54.34*	*54.81*	*55.37*	*55.68*	*55.04*	*55.55*	**54.18**	*54.70*	*55.41*

- = 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 - May 2009

	2008				2009				2010				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2008	2009	2010
Crude Oil															
Algeria	**1.41**	**1.42**	**1.42**	**1.42**	**1.30**	-	-	-	-	-	-	-	**1.42**	-	-
Angola	**1.91**	**1.92**	**1.85**	**1.88**	**1.78**	-	-	-	-	-	-	-	**1.89**	-	-
Ecudaor	**0.52**	**0.50**	**0.50**	**0.50**	**0.45**	-	-	-	-	-	-	-	**0.50**	-	-
Iran	**3.80**	**3.80**	**3.90**	**3.90**	**3.77**	-	-	-	-	-	-	-	**3.85**	-	-
Iraq	**2.25**	**2.40**	**2.42**	**2.34**	**2.30**	-	-	-	-	-	-	-	**2.35**	-	-
Kuwait	**2.58**	**2.60**	**2.60**	**2.50**	**2.30**	-	-	-	-	-	-	-	**2.57**	-	-
Libya	**1.74**	**1.71**	**1.71**	**1.70**	**1.65**	-	-	-	-	-	-	-	**1.71**	-	-
Nigeria	**1.99**	**1.90**	**1.95**	**1.92**	**1.80**	-	-	-	-	-	-	-	**1.94**	-	-
Qatar	**0.85**	**0.87**	**0.87**	**0.81**	**0.82**	-	-	-	-	-	-	-	**0.85**	-	-
Saudi Arabia	**9.20**	**9.32**	**9.57**	**8.95**	**8.07**	-	-	-	-	-	-	-	**9.26**	-	-
United Arab Emirates	**2.60**	**2.60**	**2.60**	**2.48**	**2.30**	-	-	-	-	-	-	-	**2.57**	-	-
Venezuela	**2.40**	**2.37**	**2.34**	**2.31**	**2.13**	-	-	-	-	-	-	-	**2.35**	-	-
OPEC Total	**31.25**	**31.40**	**31.74**	**30.72**	**28.65**	*28.57*	*28.91*	*28.49*	*28.58*	*28.57*	*29.07*	*29.07*	**31.28**	*28.65*	*28.82*
Other Liquids	**4.41**	**4.42**	**4.50**	**4.49**	**4.54**	*4.83*	*4.98*	*5.12*	*5.35*	*5.53*	*5.56*	*5.69*	**4.46**	*4.87*	*5.53*
Total OPEC Supply	**35.66**	**35.83**	**36.24**	**35.21**	**33.19**	*33.40*	*33.89*	*33.60*	*33.93*	*34.10*	*34.63*	*34.75*	**35.73**	*33.52*	*34.36*
Crude Oil Production Capacity															
Algeria	**1.37**	**1.37**	**1.37**	**1.37**	**1.37**	-	-	-	-	-	-	-	**1.37**	-	-
Angola	**1.91**	**1.92**	**1.85**	**1.99**	**2.05**	-	-	-	-	-	-	-	**1.92**	-	-
Ecudaor	**0.52**	**0.50**	**0.50**	**0.50**	**0.45**	-	-	-	-	-	-	-	**0.50**	-	-
Iran	**3.80**	**3.80**	**3.90**	**3.90**	**3.90**	-	-	-	-	-	-	-	**3.85**	-	-
Iraq	**2.30**	**2.42**	**2.42**	**2.34**	**2.30**	-	-	-	-	-	-	-	**2.37**	-	-
Kuwait	**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**	-	-
Nigeria	**1.99**	**1.90**	**1.95**	**1.96**	**1.96**	-	-	-	-	-	-	-	**1.95**	-	-
Qatar	**0.88**	**0.93**	**0.98**	**1.03**	**1.07**	-	-	-	-	-	-	-	**0.96**	-	-
Saudi Arabia	**10.57**	**10.60**	**10.60**	**10.60**	**10.60**	-	-	-	-	-	-	-	**10.59**	-	-
United Arab Emirates	**2.60**	**2.60**	**2.60**	**2.55**	**2.60**	-	-	-	-	-	-	-	**2.59**	-	-
Venezuela	**2.40**	**2.37**	**2.34**	**2.31**	**2.13**	-	-	-	-	-	-	-	**2.35**	-	-
OPEC Total	**32.72**	**32.76**	**32.82**	**32.90**	**32.77**	*32.90*	*33.42*	*33.54*	*33.90*	*33.92*	*34.07*	*34.09*	**32.80**	*33.16*	*33.99*
Surplus Crude Oil Production Capacity															
Algeria	**-0.04**	**-0.05**	**-0.05**	**-0.05**	**0.07**	-	-	-	-	-	-	-	**-0.05**	-	-
Angola	**0.00**	**0.00**	**0.00**	**0.11**	**0.27**	-	-	-	-	-	-	-	**0.03**	-	-
Ecudaor	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	-	-	-	-	-	-	-	**0.00**	-	-
Iran	**0.00**	**0.00**	**0.00**	**0.00**	**0.13**	-	-	-	-	-	-	-	**0.00**	-	-
Iraq	**0.05**	**0.02**	**0.00**	**0.00**	**0.00**	-	-	-	-	-	-	-	**0.02**	-	-
Kuwait	**0.02**	**0.00**	**0.00**	**0.10**	**0.30**	-	-	-	-	-	-	-	**0.03**	-	-
Libya	**0.05**	**0.05**	**-0.01**	**0.05**	**0.10**	-	-	-	-	-	-	-	**0.03**	-	-
Nigeria	**0.00**	**0.00**	**0.00**	**0.04**	**0.16**	-	-	-	-	-	-	-	**0.01**	-	-
Qatar	**0.03**	**0.06**	**0.11**	**0.22**	**0.25**	-	-	-	-	-	-	-	**0.11**	-	-
Saudi Arabia	**1.37**	**1.28**	**1.03**	**1.65**	**2.53**	-	-	-	-	-	-	-	**1.33**	-	-
United Arab Emirates	**0.00**	**0.00**	**0.00**	**0.07**	**0.30**	-	-	-	-	-	-	-	**0.02**	-	-
Venezuela	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	-	-	-	-	-	-	-	**0.00**	-	-
OPEC Total	**1.47**	**1.36**	**1.08**	**2.18**	**4.11**	*4.33*	*4.52*	*5.05*	*5.31*	*5.35*	*5.00*	*5.02*	**1.52**	*4.51*	*5.17*

- = 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 - May 2009

	2008				2009				2010						
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2008	2009	2010
North America	**24.35**	**24.11**	**23.30**	**23.65**	**23.20**	*22.82*	*23.03*	*23.29*	*23.23*	*23.04*	*23.20*	*23.43*	**23.85**	*23.08*	*23.23*
Canada	**2.37**	**2.25**	**2.34**	**2.31**	**2.25**	*2.13*	*2.23*	*2.23*	*2.13*	*2.07*	*2.16*	*2.17*	**2.32**	*2.21*	*2.13*
Mexico	**2.10**	**2.16**	**2.11**	**2.04**	**2.00**	*2.04*	*2.00*	*2.02*	*1.97*	*2.01*	*1.96*	*1.98*	**2.10**	*2.02*	*1.98*
United States	**19.88**	**19.68**	**18.84**	**19.28**	**18.94**	*18.64*	*18.79*	*19.02*	*19.11*	*18.96*	*19.06*	*19.27*	**19.42**	*18.85*	*19.10*
Central and South America	**6.08**	**6.36**	**6.16**	**6.19**	**6.02**	*6.33*	*6.37*	*6.36*	*6.27*	*6.52*	*6.56*	*6.55*	**6.20**	*6.27*	*6.47*
Brazil	**2.45**	**2.59**	**2.60**	**2.53**	**2.41**	*2.53*	*2.62*	*2.60*	*2.50*	*2.60*	*2.69*	*2.68*	**2.54**	*2.54*	*2.62*
Europe	**20.13**	**19.74**	**20.33**	**20.26**	**19.71**	*19.17*	*19.66*	*19.83*	*19.47*	*18.97*	*19.46*	*19.63*	**20.12**	*19.59*	*19.39*
FSU and Eastern Europe	**5.65**	**5.69**	**5.78**	**5.77**	**5.38**	*5.51*	*5.66*	*5.71*	*5.35*	*5.44*	*5.60*	*5.65*	**5.72**	*5.56*	*5.51*
Russia	**2.88**	**2.90**	**2.91**	**2.94**	**2.70**	*2.75*	*2.76*	*2.79*	*2.66*	*2.68*	*2.69*	*2.72*	**2.91**	*2.75*	*2.69*
Middle East	**6.07**	**6.75**	**7.30**	**6.46**	**6.29**	*6.86*	*7.39*	*6.86*	*6.64*	*7.20*	*7.60*	*7.04*	**6.64**	*6.85*	*7.12*
Asia and Oceania	**26.46**	**25.62**	**24.56**	**24.14**	**24.74**	*24.21*	*24.16*	*25.26*	*25.46*	*24.45*	*24.29*	*25.41*	**25.19**	*24.59*	*24.90*
China	**8.07**	**8.19**	**8.10**	**7.46**	**7.53**	*8.09*	*8.27*	*8.32*	*8.15*	*8.32*	*8.41*	*8.41*	**7.95**	*8.05*	*8.32*
Japan	**5.41**	**4.59**	**4.30**	**4.67**	**4.74**	*3.84*	*3.90*	*4.32*	*4.68*	*3.81*	*3.87*	*4.29*	**4.74**	*4.20*	*4.16*
India	**3.01**	**3.01**	**2.83**	**2.88**	**3.15**	*3.04*	*2.82*	*3.10*	*3.28*	*3.13*	*2.91*	*3.19*	**2.93**	*3.03*	*3.12*
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**	*3.24*	*3.32*
Total OECD Liquid Fuels Consumption	**48.68**	**47.09**	**46.48**	**47.09**	**46.19**	*44.25*	*44.92*	*46.05*	*45.92*	*44.21*	*44.82*	*45.98*	**47.33**	*45.35*	*45.23*
Total non-OECD Liquid Fuels Consumption	**37.83**	**38.97**	**38.65**	**36.99**	**36.89**	*38.43*	*38.97*	*38.97*	*38.35*	*39.25*	*39.55*	*39.49*	**38.11**	*38.32*	*39.16*
Total World Liquid Fuels Consumption	**86.50**	**86.07**	**85.13**	**84.09**	**83.07**	*82.68*	*83.89*	*85.02*	*84.27*	*83.46*	*84.37*	*85.47*	**85.44**	*83.67*	*84.39*
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**	*108.92*	*111.79*
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**	*-0.8*	*2.6*

- = 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 - May 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**	**5.26**	*5.26*	*5.10*	*5.17*	*5.24*	*5.34*	*5.34*	*5.40*	**4.96**	*5.20*	*5.33*
Alaska	**0.71**	**0.68**	**0.62**	**0.72**	**0.70**	*0.65*	*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**	**1.41**	*1.48*	*1.43*	*1.48*	*1.63*	*1.70*	*1.63*	*1.61*	**1.16**	*1.45*	*1.64*
Lower 48 States (excl GOM)	**3.07**	**3.11**	**3.11**	**3.15**	**3.15**	*3.13*	*3.07*	*3.03*	*2.96*	*3.01*	*3.11*	*3.21*	**3.11**	*3.09*	*3.07*
Crude Oil Net Imports (c)	**9.72**	**9.84**	**9.57**	**9.78**	**9.44**	*9.27*	*9.01*	*8.85*	*8.75*	*9.12*	*8.98*	*8.86*	**9.73**	*9.14*	*8.93*
SPR Net Withdrawals	**-0.04**	**-0.06**	**0.04**	**0.01**	**-0.12**	*-0.11*	*-0.01*	*-0.03*	*0.00*	*0.00*	*0.00*	*0.00*	**-0.01**	*-0.07*	*0.00*
Commercial Inventory Net Withdrawals	**-0.30**	**0.20**	**-0.09**	**-0.23**	**-0.40**	*-0.02*	*0.25*	*0.09*	*-0.15*	*0.06*	*0.19*	*0.04*	**-0.10**	*-0.02*	*0.03*
Crude Oil Adjustment (d)	**0.09**	**0.04**	**0.15**	**0.04**	**-0.05**	*0.07*	*0.00*	*-0.03*	*0.04*	*0.07*	*0.01*	*-0.02*	**0.08**	*0.00*	*0.02*
Total Crude Oil Input to Refineries	**14.59**	**15.16**	**14.33**	**14.50**	**14.13**	*14.45*	*14.36*	*14.05*	*13.87*	*14.59*	*14.52*	*14.28*	**14.65**	*14.25*	*14.32*
Other Supply															
Refinery Processing Gain	**0.98**	**0.97**	**0.95**	**0.98**	**0.94**	*0.95*	*0.96*	*0.99*	*0.97*	*0.97*	*0.98*	*1.01*	**0.97**	*0.96*	*0.98*
Natural Gas Liquids Production	**1.82**	**1.87**	**1.75**	**1.69**	**1.76**	*1.73*	*1.70*	*1.65*	*1.63*	*1.69*	*1.72*	*1.71*	**1.78**	*1.71*	*1.69*
Other HC/Oxygenates Adjustment (e)	**0.70**	**0.77**	**0.82**	**0.86**	**0.82**	*0.81*	*0.84*	*0.86*	*0.88*	*0.91*	*0.91*	*0.92*	**0.79**	*0.83*	*0.90*
Fuel Ethanol Production	**0.53**	**0.58**	**0.63**	**0.66**	**0.64**	*0.65*	*0.67*	*0.69*	*0.70*	*0.72*	*0.73*	*0.73*	**0.60**	*0.66*	*0.72*
Product Net Imports (c)	**1.33**	**1.41**	**1.15**	**1.36**	**1.23**	*1.05*	*1.01*	*1.22*	*1.32*	*1.30*	*1.15*	*1.10*	**1.31**	*1.13*	*1.22*
Pentanes Plus	**-0.01**	**-0.01**	**-0.02**	**-0.01**	**-0.02**	*-0.03*	*-0.03*	*-0.01*	*0.00*	*0.00*	*-0.01*	*0.00*	**-0.01**	*-0.02*	*0.00*
Liquefied Petroleum Gas	**0.16**	**0.13**	**0.22**	**0.21**	**0.11**	*0.07*	*0.14*	*0.20*	*0.19*	*0.21*	*0.17*	*0.18*	**0.18**	*0.13*	*0.19*
Unfinished Oils	**0.75**	**0.76**	**0.74**	**0.80**	**0.70**	*0.80*	*0.85*	*0.75*	*0.78*	*0.77*	*0.80*	*0.72*	**0.76**	*0.78*	*0.77*
Other HC/Oxygenates	**-0.04**	**-0.02**	**0.00**	**-0.04**	**-0.04**	*-0.04*	*-0.02*	*-0.04*	*-0.03*	*-0.05*	*-0.03*	*-0.04*	**-0.03**	*-0.04*	*-0.04*
Motor Gasoline Blend Comp.	**0.59**	**0.84**	**0.80**	**0.85**	**0.82**	*0.79*	*0.70*	*0.67*	*0.63*	*0.83*	*0.75*	*0.67*	**0.77**	*0.74*	*0.72*
Finished Motor Gasoline	**0.21**	**0.21**	**0.10**	**0.01**	**0.12**	*0.14*	*0.08*	*0.11*	*0.23*	*0.15*	*0.05*	*0.06*	**0.13**	*0.11*	*0.12*
Jet Fuel	**0.06**	**0.07**	**0.02**	**0.02**	**0.02**	*0.01*	*-0.01*	*0.02*	*-0.01*	*0.01*	*0.00*	*0.00*	**0.04**	*0.01*	*0.00*
Distillate Fuel Oil	**-0.10**	**-0.36**	**-0.47**	**-0.33**	**-0.26**	*-0.46*	*-0.34*	*-0.19*	*-0.17*	*-0.26*	*-0.23*	*-0.20*	**-0.32**	*-0.31*	*-0.21*
Residual Fuel Oil	**-0.03**	**-0.01**	**0.00**	**0.01**	**0.03**	*0.03*	*-0.02*	*0.03*	*-0.05*	*-0.04*	*-0.04*	*0.01*	**-0.01**	*0.02*	*-0.03*
Other Oils (f)	**-0.26**	**-0.21**	**-0.23**	**-0.14**	**-0.23**	*-0.29*	*-0.33*	*-0.31*	*-0.26*	*-0.32*	*-0.32*	*-0.31*	**-0.21**	*-0.29*	*-0.30*
Product Inventory Net Withdrawals	**0.47**	**-0.50**	**-0.16**	**-0.10**	**0.06**	*-0.36*	*-0.07*	*0.25*	*0.45*	*-0.49*	*-0.21*	*0.25*	**-0.07**	*-0.03*	*0.00*
Total Supply	**19.90**	**19.68**	**18.84**	**19.28**	**18.95**	*18.64*	*18.79*	*19.02*	*19.11*	*18.96*	*19.06*	*19.27*	**19.42**	*18.85*	*19.10*
Consumption (million barrels per day)															
Natural Gas Liquids and Other Liquids															
Pentanes Plus	**0.11**	**0.07**	**0.07**	**0.10**	**0.04**	*0.08*	*0.08*	*0.10*	*0.09*	*0.08*	*0.09*	*0.10*	**0.09**	*0.07*	*0.09*
Liquefied Petroleum Gas	**2.25**	**1.86**	**1.77**	**1.89**	**2.06**	*1.73*	*1.77*	*2.00*	*2.14*	*1.75*	*1.80*	*2.03*	**1.94**	*1.89*	*1.93*
Unfinished Oils	**0.00**	**-0.06**	**-0.13**	**0.11**	**0.05**	*-0.02*	*-0.02*	*-0.01*	*0.00*	*-0.01*	*0.00*	*0.00*	**-0.02**	*0.00*	*0.00*
Finished Liquid Fuels															
Motor Gasoline	**8.91**	**9.14**	**8.88**	**8.93**	**8.83**	*9.11*	*9.04*	*8.95*	*8.93*	*9.18*	*9.07*	*9.01*	**8.96**	*8.98*	*9.05*
Jet Fuel	**1.54**	**1.58**	**1.54**	**1.41**	**1.39**	*1.41*	*1.43*	*1.42*	*1.40*	*1.44*	*1.45*	*1.44*	**1.52**	*1.41*	*1.43*
Distillate Fuel Oil	**4.20**	**3.92**	**3.69**	**3.94**	**3.94**	*3.56*	*3.63*	*3.82*	*3.93*	*3.67*	*3.69*	*3.88*	**3.94**	*3.74*	*3.79*
Residual Fuel Oil	**0.60**	**0.68**	**0.58**	**0.62**	**0.59**	*0.53*	*0.52*	*0.58*	*0.55*	*0.56*	*0.56*	*0.59*	**0.62**	*0.56*	*0.57*
Other Oils (f)	**2.27**	**2.49**	**2.44**	**2.28**	**2.04**	*2.24*	*2.34*	*2.16*	*2.08*	*2.28*	*2.40*	*2.21*	**2.37**	*2.19*	*2.24*
Total Consumption	**19.88**	**19.68**	**18.84**	**19.28**	**18.94**	*18.64*	*18.79*	*19.02*	*19.11*	*18.96*	*19.06*	*19.27*	**19.42**	*18.85*	*19.10*
Total Liquid Fuels Net Imports	**11.05**	**11.25**	**10.73**	**11.14**	**10.67**	*10.31*	*10.03*	*10.07*	*10.07*	*10.42*	*10.13*	*9.96*	**11.04**	*10.27*	*10.15*
End-of-period Inventories (million barrels)															
Commercial Inventory															
Crude Oil (excluding SPR)	**313.1**	**294.7**	**303.3**	**324.2**	**360.6**	*362.3*	*338.9*	*330.5*	*344.4*	*339.2*	*321.8*	*317.8*	**324.2**	*330.5*	*317.8*
Pentanes Plus	**9.1**	**12.9**	**15.8**	**13.7**	**15.9**	*16.2*	*16.1*	*13.0*	*12.3*	*13.5*	*14.3*	*11.8*	**13.7**	*13.0*	*11.8*
Liquefied Petroleum Gas	**64.7**	**103.1**	**137.9**	**113.2**	**87.2**	*119.6*	*142.7*	*110.5*	*75.4*	*114.6*	*141.0*	*109.3*	**113.2**	*110.5*	*109.3*
Unfinished Oils	**90.2**	**88.7**	**91.4**	**83.4**	**88.0**	*88.1*	*88.1*	*82.7*	*94.4*	*90.1*	*89.4*	*83.0*	**83.4**	*82.7*	*83.0*
Other HC/Oxygenates	**13.3**	**13.8**	**17.2**	**15.8**	**17.5**	*17.1*	*18.1*	*17.2*	*18.3*	*18.0*	*19.0*	*18.1*	**15.8**	*17.2*	*18.1*
Total Motor Gasoline	**221.2**	**209.8**	**189.5**	**213.4**	**217.3**	*214.2*	*205.1*	*218.9*	*216.1*	*216.1*	*209.6*	*221.1*	**213.4**	*218.9*	*221.1*
Finished Motor Gasoline	**110.0**	**107.0**	**92.3**	**98.2**	**87.3**	*92.7*	*92.2*	*102.0*	*96.7*	*100.3*	*98.3*	*104.6*	**98.2**	*102.0*	*104.6*
Motor Gasoline Blend Comp.	**111.2**	**102.8**	**97.1**	**115.2**	**130.0**	*121.5*	*112.9*	*116.9*	*119.4*	*115.8*	*111.3*	*116.4*	**115.2**	*116.9*	*116.4*
Jet Fuel	**38.4**	**39.7**	**37.5**	**38.2**	**40.2**	*41.3*	*41.2*	*40.3*	*39.2*	*40.0*	*40.5*	*39.9*	**38.2**	*40.3*	*39.9*
Distillate Fuel Oil	**107.2**	**121.1**	**127.2**	**145.9**	**141.8**	*145.5*	*146.0*	*146.1*	*121.9*	*132.8*	*140.9*	*143.8*	**145.9**	*146.1*	*143.8*
Residual Fuel Oil	**39.4**	**41.6**	**39.0**	**36.2**	**37.0**	*37.2*	*36.5*	*39.1*	*39.0*	*39.1*	*38.1*	*40.4*	**36.2**	*39.1*	*40.4*
Other Oils (f)	**56.1**	**54.2**	**44.2**	**49.3**	**58.6**	*56.6*	*48.7*	*51.3*	*61.8*	*58.7*	*49.9*	*51.9*	**49.3**	*51.3*	*51.9*
Total Commercial Inventory	**953**	**980**	**1,003**	**1,033**	**1,064**	*1,098*	*1,081*	*1,050*	*1,023*	*1,062*	*1,064*	*1,037*	**1,033**	*1,050*	*1,037*
Crude Oil in SPR	**700**	**706**	**702**	**702**	**712**	*723*	*724*	*726*	*726*	*726*	*726*	*726*	**702**	*726*	*726*
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" inludes 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 - May 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	**14.59**	**15.16**	**14.33**	**14.50**	**14.13**	*14.45*	*14.36*	*14.05*	*13.87*	*14.59*	*14.52*	*14.28*	**14.65**	*14.25*	*14.32*
Pentanes Plus	**0.15**	**0.16**	**0.15**	**0.16**	**0.16**	*0.15*	*0.15*	*0.17*	*0.15*	*0.16*	*0.16*	*0.18*	**0.15**	*0.16*	*0.16*
Liquefied Petroleum Gas	**0.36**	**0.29**	**0.27**	**0.41**	**0.35**	*0.29*	*0.30*	*0.41*	*0.36*	*0.28*	*0.29*	*0.40*	**0.33**	*0.34*	*0.33*
Other Hydrocarbons/Oxygenates	**0.54**	**0.60**	**0.66**	**0.74**	**0.70**	*0.67*	*0.69*	*0.71*	*0.72*	*0.74*	*0.75*	*0.75*	**0.64**	*0.69*	*0.74*
Unfinished Oils	**0.67**	**0.84**	**0.84**	**0.78**	**0.60**	*0.82*	*0.86*	*0.82*	*0.64*	*0.83*	*0.81*	*0.78*	**0.78**	*0.77*	*0.77*
Motor Gasoline Blend Components	**0.28**	**0.63**	**0.48**	**0.43**	**0.57**	*0.56*	*0.40*	*0.27*	*0.37*	*0.54*	*0.42*	*0.28*	**0.45**	*0.45*	*0.40*
Aviation Gasoline Blend Components	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*	**0.00**	*0.00*	*0.00*
Total Refinery and Blender Net Inputs	**16.58**	**17.68**	**16.73**	**17.04**	**16.49**	*16.94*	*16.76*	*16.42*	*16.11*	*17.13*	*16.95*	*16.67*	**17.01**	*16.66*	*16.72*
Refinery Processing Gain	**0.98**	**0.97**	**0.95**	**0.98**	**0.94**	*0.95*	*0.96*	*0.99*	*0.97*	*0.97*	*0.98*	*1.01*	**0.97**	*0.96*	*0.98*
Refinery and Blender Net Production															
Liquefied Petroleum Gas	**0.55**	**0.85**	**0.73**	**0.39**	**0.50**	*0.83*	*0.75*	*0.45*	*0.52*	*0.82*	*0.76*	*0.44*	**0.63**	*0.63*	*0.64*
Finished Motor Gasoline	**8.34**	**8.45**	**8.12**	**8.67**	**8.45**	*8.59*	*8.44*	*8.48*	*8.29*	*8.61*	*8.50*	*8.55*	**8.39**	*8.49*	*8.49*
Jet Fuel	**1.47**	**1.52**	**1.50**	**1.40**	**1.39**	*1.41*	*1.43*	*1.40*	*1.40*	*1.44*	*1.46*	*1.43*	**1.47**	*1.41*	*1.43*
Distillate Fuel	**4.01**	**4.44**	**4.22**	**4.48**	**4.15**	*4.05*	*3.98*	*4.01*	*3.83*	*4.06*	*4.01*	*4.11*	**4.29**	*4.05*	*4.00*
Residual Fuel	**0.63**	**0.71**	**0.55**	**0.59**	**0.57**	*0.50*	*0.53*	*0.58*	*0.60*	*0.60*	*0.58*	*0.61*	**0.62**	*0.55*	*0.60*
Other Oils (a)	**2.57**	**2.68**	**2.56**	**2.48**	**2.38**	*2.50*	*2.58*	*2.50*	*2.45*	*2.56*	*2.62*	*2.54*	**2.57**	*2.49*	*2.54*
Total Refinery and Blender Net Production	**17.57**	**18.65**	**17.68**	**18.01**	**17.44**	*17.89*	*17.73*	*17.41*	*17.08*	*18.10*	*17.93*	*17.69*	**17.98**	*17.62*	*17.70*
Refinery Distillation Inputs	**14.89**	**15.52**	**14.72**	**14.98**	**14.46**	*14.74*	*14.69*	*14.40*	*14.22*	*14.92*	*14.85*	*14.63*	**15.03**	*14.57*	*14.66*
Refinery Operable Distillation Capacity	**17.59**	**17.60**	**17.61**	**17.62**	**17.66**	*17.67*	*17.67*	*17.67*	*17.67*	*17.67*	*17.67*	*17.67*	**17.61**	*17.67*	*17.67*
Refinery Distillation Utilization Factor	**0.85**	**0.88**	**0.84**	**0.85**	**0.82**	*0.83*	*0.83*	*0.81*	*0.80*	*0.84*	*0.84*	*0.83*	**0.85**	*0.82*	*0.83*

- = 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 - May 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**	**133**	*160*	*162*	*155*	*162*	*172*	*174*	*165*	**258**	*153*	*168*
Gasoline Regular Grade Retail Prices Excluding Taxes															
PADD 1 (East Coast)	**263**	**325**	**332**	**180**	**141**	*168*	*173*	*167*	*172*	*181*	*184*	*176*	**275**	*162*	*178*
PADD 2 (Midwest)	**260**	**325**	**331**	**170**	**143**	*166*	*174*	*166*	*171*	*181*	*185*	*176*	**271**	*162*	*179*
PADD 3 (Gulf Coast)	**260**	**323**	**330**	**172**	**137**	*165*	*172*	*165*	*170*	*179*	*183*	*175*	**271**	*160*	*177*
PADD 4 (Rocky Mountain)	**255**	**321**	**343**	**176**	**129**	*169*	*182*	*170*	*168*	*183*	*193*	*181*	**274**	*163*	*181*
PADD 5 (West Coast)	**268**	**339**	**343**	**191**	**158**	*184*	*187*	*182*	*185*	*200*	*199*	*192*	**285**	*178*	*194*
U.S. Average	**262**	**327**	**333**	**177**	**143**	*170*	*176*	*169*	*174*	*184*	*187*	*179*	**275**	*164*	*181*
Gasoline Regular Grade Retail Prices Including Taxes															
PADD 1	**312**	**374**	**383**	**234**	**187**	*215*	*223*	*216*	*221*	*230*	*233*	*225*	**326**	*211*	*227*
PADD 2	**307**	**373**	**381**	**218**	**187**	*212*	*220*	*212*	*218*	*228*	*233*	*223*	**320**	*208*	*226*
PADD 3	**301**	**364**	**374**	**218**	**178**	*206*	*214*	*207*	*212*	*221*	*225*	*217*	**314**	*202*	*219*
PADD 4	**302**	**367**	**391**	**230**	**173**	*214*	*229*	*218*	*216*	*231*	*241*	*229*	**323**	*209*	*229*
PADD 5	**327**	**398**	**406**	**253**	**210**	*238*	*243*	*239*	*241*	*257*	*254*	*247*	**346**	*233*	*250*
U.S. Average	**311**	**376**	**385**	**230**	**189**	*217*	*225*	*218*	*222*	*233*	*236*	*227*	**326**	*212*	*230*
Gasoline All Grades Including Taxes	**316**	**381**	**391**	**236**	**194**	*222*	*229*	*223*	*227*	*238*	*241*	*232*	**331**	*217*	*235*
End-of-period Inventories (million barrels)															
Total Gasoline Inventories															
PADD 1	**59.4**	**59.2**	**45.8**	**62.7**	**56.7**	*57.9*	*55.0*	*60.6*	*60.0*	*60.4*	*57.0*	*61.5*	**62.7**	*60.6*	*61.5*
PADD 2	**52.4**	**51.3**	**48.8**	**48.2**	**52.9**	*50.1*	*49.1*	*51.2*	*49.4*	*49.3*	*49.6*	*52.2*	**48.2**	*51.2*	*52.2*
PADD 3	**71.5**	**64.7**	**61.9**	**68.4**	**71.7**	*71.2*	*67.0*	*70.7*	*70.8*	*71.0*	*68.3*	*70.9*	**68.4**	*70.7*	*70.9*
PADD 4	**6.7**	**6.6**	**6.5**	**6.9**	**6.2**	*6.0*	*5.9*	*6.6*	*6.6*	*6.2*	*6.2*	*6.8*	**6.9**	*6.6*	*6.8*
PADD 5	**31.3**	**28.0**	**26.4**	**27.3**	**29.7**	*29.1*	*28.0*	*29.8*	*29.2*	*29.1*	*28.6*	*29.8*	**27.3**	*29.8*	*29.8*
U.S. Total	**221.2**	**209.8**	**189.5**	**213.4**	**217.3**	*214.2*	*205.1*	*218.9*	*216.1*	*216.1*	*209.6*	*221.1*	**213.4**	*218.9*	*221.1*
Finished Gasoline Inventories															
PADD 1	**27.0**	**28.8**	**20.1**	**25.7**	**18.6**	*20.1*	*20.3*	*24.0*	*21.6*	*23.3*	*22.5*	*24.9*	**25.7**	*24.0*	*24.9*
PADD 2	**34.5**	**33.6**	**30.3**	**29.5**	**29.4**	*30.7*	*31.1*	*33.6*	*30.9*	*31.0*	*31.7*	*34.2*	**29.5**	*33.6*	*34.2*
PADD 3	**36.1**	**33.8**	**31.6**	**33.9**	**30.0**	*31.6*	*30.5*	*34.5*	*33.3*	*34.6*	*33.2*	*35.2*	**33.9**	*34.5*	*35.2*
PADD 4	**4.7**	**4.5**	**4.3**	**4.7**	**3.8**	*4.1*	*4.2*	*4.5*	*4.6*	*4.5*	*4.4*	*4.7*	**4.7**	*4.5*	*4.7*
PADD 5	**7.7**	**6.3**	**6.0**	**4.6**	**5.4**	*6.3*	*6.1*	*5.3*	*6.2*	*7.0*	*6.5*	*5.6*	**4.6**	*5.3*	*5.6*
U.S. Total	**110.0**	**107.0**	**92.3**	**98.2**	**87.3**	*92.7*	*92.2*	*102.0*	*96.7*	*100.3*	*98.3*	*104.6*	**98.2**	*102.0*	*104.6*
Gasoline Blending Components Inventories															
PADD 1	**32.4**	**30.5**	**25.7**	**37.0**	**38.1**	*37.8*	*34.7*	*36.6*	*38.4*	*37.1*	*34.5*	*36.5*	**37.0**	*36.6*	*36.5*
PADD 2	**17.9**	**17.6**	**18.5**	**18.7**	**23.5**	*19.4*	*18.0*	*17.6*	*18.5*	*18.4*	*17.9*	*18.0*	**18.7**	*17.6*	*18.0*
PADD 3	**35.3**	**30.9**	**30.3**	**34.6**	**41.7**	*39.6*	*36.5*	*36.2*	*37.5*	*36.5*	*35.1*	*35.6*	**34.6**	*36.2*	*35.6*
PADD 4	**1.9**	**2.2**	**2.2**	**2.2**	**2.4**	*1.9*	*1.7*	*2.1*	*2.0*	*1.8*	*1.7*	*2.1*	**2.2**	*2.1*	*2.1*
PADD 5	**23.6**	**21.7**	**20.4**	**22.7**	**24.3**	*22.8*	*21.9*	*24.5*	*23.0*	*22.1*	*22.1*	*24.2*	**22.7**	*24.5*	*24.2*
U.S. Total	**111.2**	**102.8**	**97.1**	**115.2**	**130.0**	*121.5*	*112.9*	*116.9*	*119.4*	*115.8*	*111.3*	*116.4*	**115.2**	*116.9*	*116.4*

- = 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 - May 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**	*145*	*150*	*163*	*164*	*169*	*169*	*173*	**275**	*150*	*168*
Diesel Fuel	**283**	**365**	**347**	**200**	**137**	*150*	*154*	*164*	*168*	*178*	*178*	*180*	**303**	*151*	*176*
Heating Oil Residential Prices Excluding Taxes															
Northeast	**324**	**381**	**390**	**274**	**235**	*210*	*204*	*226*	*231*	*225*	*223*	*238*	**322**	*226*	*232*
South	**327**	**386**	**393**	**272**	**227**	*199*	*194*	*220*	*225*	*216*	*216*	*233*	**322**	*218*	*225*
Midwest	**319**	**389**	**382**	**246**	**188**	*182*	*194*	*213*	*217*	*220*	*221*	*229*	**310**	*197*	*222*
West	**330**	**399**	**399**	**263**	**217**	*211*	*219*	*234*	*238*	*239*	*239*	*249*	**331**	*223*	*242*
U.S. Average	**324**	**382**	**390**	**272**	**232**	*208*	*202*	*225*	*230*	*224*	*223*	*237*	**322**	*224*	*231*
Heating Oil Residential Prices Including State Taxes															
Northeast	**340**	**400**	**409**	**288**	**246**	*221*	*214*	*237*	*243*	*236*	*234*	*249*	**338**	*237*	*243*
South	**341**	**403**	**410**	**283**	**237**	*208*	*202*	*229*	*235*	*226*	*225*	*243*	**335**	*227*	*235*
Midwest	**338**	**412**	**404**	**261**	**199**	*193*	*206*	*226*	*230*	*233*	*234*	*242*	**328**	*209*	*234*
West	**339**	**410**	**410**	**269**	**223**	*216*	*224*	*240*	*244*	*245*	*246*	*255*	**340**	*229*	*248*
U.S. Average	**340**	**401**	**409**	**286**	**243**	*219*	*212*	*236*	*242*	*235*	*234*	*249*	**338**	*235*	*242*
Total Distillate End-of-period Inventories (million barrels)															
PADD 1 (East Coast)	**33.2**	**41.9**	**50.5**	**56.8**	**53.0**	*60.8*	*68.8*	*66.6*	*46.2*	*52.4*	*64.2*	*63.9*	**56.8**	*66.6*	*63.9*
PADD 2 (Midwest)	**28.5**	**30.3**	**27.9**	**32.6**	**33.2**	*31.2*	*29.1*	*28.8*	*28.3*	*30.5*	*29.1*	*28.9*	**32.6**	*28.8*	*28.9*
PADD 3 (Gulf Coast)	**29.9**	**32.4**	**33.1**	**39.6**	**39.8**	*38.0*	*33.8*	*34.7*	*32.8*	*34.6*	*33.2*	*34.9*	**39.6**	*34.7*	*34.9*
PADD 4 (Rocky Mountain)	**3.1**	**3.4**	**2.9**	**2.9**	**3.4**	*3.2*	*2.7*	*3.2*	*3.1*	*3.2*	*2.8*	*3.3*	**2.9**	*3.2*	*3.3*
PADD 5 (West Coast)	**12.5**	**13.2**	**12.8**	**13.9**	**12.4**	*12.2*	*11.6*	*12.8*	*11.5*	*12.0*	*11.6*	*12.8*	**13.9**	*12.8*	*12.8*
U.S. Total	**107.2**	**121.1**	**127.2**	**145.9**	**141.8**	*145.5*	*146.0*	*146.1*	*121.9*	*132.8*	*140.9*	*143.8*	**145.9**	*146.1*	*143.8*

- = 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 - May 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**	**67**	*69*	*73*	*77*	*81*	*81*	*78*	*85*	**139**	*72*	*82*
Propane Residential Prices excluding Taxes															
Northeast	**270**	**289**	**313**	**267**	**253**	*210*	*199*	*202*	*207*	*207*	*203*	*207*	**277**	*225*	*207*
South	**257**	**267**	**273**	**246**	**233**	*191*	*171*	*182*	*192*	*183*	*173*	*190*	**257**	*202*	*188*
Midwest	**204**	**217**	**227**	**207**	**200**	*158*	*137*	*144*	*149*	*139*	*133*	*147*	**209**	*167*	*145*
West	**258**	**255**	**257**	**224**	**214**	*185*	*167*	*186*	*194*	*177*	*167*	*192*	**248**	*193*	*187*
U.S. Average	**237**	**251**	**257**	**229**	**220**	*182*	*160*	*169*	*177*	*172*	*160*	*175*	**239**	*190*	*173*
Propane Residential Prices including State Taxes															
Northeast	**282**	**302**	**327**	**279**	**264**	*220*	*208*	*211*	*216*	*216*	*213*	*217*	**289**	*235*	*216*
South	**270**	**280**	**287**	**258**	**245**	*201*	*179*	*191*	*202*	*192*	*182*	*199*	**269**	*212*	*197*
Midwest	**216**	**229**	**240**	**218**	**212**	*167*	*145*	*152*	*157*	*147*	*140*	*155*	**221**	*177*	*153*
West	**273**	**270**	**271**	**237**	**226**	*195*	*176*	*197*	*205*	*187*	*177*	*203*	**262**	*204*	*197*
U.S. Average	**250**	**265**	**270**	**241**	**232**	*192*	*168*	*178*	*187*	*181*	*168*	*184*	**251**	*200*	*182*
Propane End-of-period Inventories (million barrels)															
PADD 1 (East Coast)	**2.5**	**3.8**	**4.4**	**3.4**	**2.8**	*4.6*	*5.0*	*4.5*	*2.7*	*4.2*	*4.9*	*4.6*	**3.4**	*4.5*	*4.6*
PADD 2 (Midwest)	**9.0**	**17.8**	**24.5**	**18.4**	**13.8**	*20.8*	*25.8*	*21.0*	*9.7*	*17.9*	*24.2*	*20.0*	**18.4**	*21.0*	*20.0*
PADD 3 (Gulf Coast)	**13.3**	**19.7**	**27.8**	**31.3**	**22.0**	*30.0*	*34.5*	*28.8*	*16.7*	*26.6*	*33.1*	*27.4*	**31.3**	*28.8*	*27.4*
PADD 4 (Rocky Mountain)	**0.4**	**0.4**	**0.4**	**0.4**	**0.3**	*0.4*	*0.5*	*0.4*	*0.3*	*0.4*	*0.5*	*0.4*	**0.4**	*0.4*	*0.4*
PADD 5 (West Coast)	**0.4**	**0.9**	**2.0**	**1.8**	**0.5**	*1.3*	*2.5*	*1.8*	*0.5*	*1.3*	*2.5*	*1.8*	**1.8**	*1.8*	*1.8*
U.S. Total	**25.6**	**42.6**	**59.2**	**55.4**	**39.4**	*57.0*	*68.2*	*56.6*	*29.9*	*50.5*	*65.2*	*54.1*	**55.4**	*56.6*	*54.1*

- = 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 - May 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**	**60.22**	*59.51*	*56.90*	*55.38*	*55.51*	*56.10*	*56.50*	*57.30*	**58.59**	*57.98*	*56.36*
Alaska	**1.23**	**1.03**	**0.97**	**1.19**	**1.22**	*1.02*	*0.99*	*1.16*	*1.23*	*1.03*	*1.01*	*1.19*	**1.10**	*1.10*	*1.11*
Federal GOM (a)	**7.81**	**6.97**	**5.58**	**5.28**	**6.54**	*6.99*	*6.39*	*6.59*	*6.79*	*6.68*	*6.11*	*6.37*	**6.41**	*6.63*	*6.49*
Lower 48 States (excl GOM)	**49.30**	**50.87**	**51.32**	**52.79**	**52.46**	*51.51*	*49.52*	*47.62*	*47.49*	*48.39*	*49.38*	*49.75*	**51.07**	*50.26*	*48.76*
Total Dry Gas Production	**55.88**	**56.36**	**55.52**	**56.95**	**57.84**	*57.17*	*54.66*	*53.20*	*53.33*	*53.89*	*54.27*	*55.05*	**56.18**	*55.70*	*54.14*
Gross Imports	**12.12**	**9.92**	**10.46**	**11.01**	**11.32**	*10.41*	*10.37*	*10.10*	*10.89*	*10.41*	*10.99*	*10.77*	**10.88**	*10.54*	*10.77*
Pipeline	**11.29**	**8.86**	**9.39**	**10.13**	**10.32**	*8.48*	*8.84*	*9.12*	*9.51*	*8.18*	*8.95*	*9.30*	**9.92**	*9.19*	*8.98*
LNG	**0.83**	**1.06**	**1.07**	**0.88**	**1.00**	*1.93*	*1.52*	*0.98*	*1.37*	*2.24*	*2.04*	*1.48*	**0.96**	*1.36*	*1.78*
Gross Exports	**3.52**	**2.39**	**2.10**	**2.98**	**3.36**	*2.17*	*2.02*	*2.72*	*3.03*	*2.04*	*1.96*	*2.75*	**2.75**	*2.56*	*2.44*
Net Imports	**8.60**	**7.53**	**8.36**	**8.03**	**7.96**	*8.24*	*8.34*	*7.38*	*7.86*	*8.37*	*9.03*	*8.02*	**8.13**	*7.98*	*8.32*
Supplemental Gaseous Fuels	**0.12**	**0.14**	**0.16**	**0.17**	**0.19**	*0.13*	*0.15*	*0.16*	*0.16*	*0.14*	*0.15*	*0.17*	**0.15**	*0.16*	*0.16*
Net Inventory Withdrawals	**18.08**	**-10.25**	**-10.79**	**3.53**	**12.91**	*-11.09*	*-8.34*	*4.54*	*16.12*	*-9.73*	*-8.79*	*4.04*	**0.12**	*-0.54*	*0.35*
Total Supply	**82.67**	**53.79**	**53.25**	**68.68**	**78.90**	*54.45*	*54.81*	*65.27*	*77.47*	*52.68*	*54.67*	*67.28*	**64.58**	*63.30*	*62.97*
Balancing Item (b)	**-0.49**	**1.38**	**-0.27**	**-4.79**	**0.50**	*-0.56*	*-0.62*	*-3.19*	*1.21*	*1.06*	*0.03*	*-4.21*	**-1.05**	*-0.98*	*-0.49*
Total Primary Supply	**82.18**	**55.17**	**52.98**	**63.89**	**79.40**	*53.88*	*54.18*	*62.08*	*78.68*	*53.73*	*54.71*	*63.07*	**63.53**	*62.32*	*62.48*
Consumption (billion cubic feet per day)															
Residential	**25.89**	**8.52**	**3.77**	**15.23**	**25.94**	*8.49*	*3.91*	*15.08*	*25.68*	*8.51*	*3.92*	*15.03*	**13.33**	*13.30*	*13.23*
Commercial	**14.31**	**6.26**	**4.15**	**9.48**	**14.40**	*6.26*	*4.25*	*9.10*	*14.27*	*6.31*	*4.25*	*9.08*	**8.54**	*8.48*	*8.45*
Industrial	**20.56**	**17.65**	**16.71**	**17.71**	**18.19**	*16.10*	*15.67*	*16.88*	*18.35*	*16.15*	*15.61*	*16.97*	**18.15**	*16.71*	*16.76*
Electric Power (c)	**15.63**	**17.65**	**23.36**	**16.12**	**15.03**	*17.88*	*25.40*	*15.93*	*14.79*	*17.88*	*26.02*	*16.77*	**18.20**	*18.58*	*18.89*
Lease and Plant Fuel	**3.49**	**3.53**	**3.46**	**3.55**	**3.61**	*3.56*	*3.41*	*3.32*	*3.32*	*3.36*	*3.38*	*3.43*	**3.51**	*3.47*	*3.37*
Pipeline and Distribution Use	**2.22**	**1.48**	**1.43**	**1.73**	**2.15**	*1.49*	*1.46*	*1.69*	*2.17*	*1.44*	*1.43*	*1.69*	**1.71**	*1.69*	*1.68*
Vehicle Use	**0.08**	**0.08**	**0.08**	**0.08**	**0.09**	*0.09*	*0.09*	*0.09*	*0.09*	*0.09*	*0.09*	*0.10*	**0.08**	*0.09*	*0.09*
Total Consumption	**82.18**	**55.17**	**52.98**	**63.89**	**79.40**	*53.88*	*54.18*	*62.08*	*78.68*	*53.73*	*54.71*	*63.07*	**63.53**	*62.32*	*62.48*
End-of-period Inventories (billion cubic feet)															
Working Gas Inventory	**1,247**	**2,171**	**3,163**	**2,840**	**1,665**	*2,675*	*3,442*	*3,024*	*1,574*	*2,459*	*3,268*	*2,896*	**2,840**	*3,024*	*2,896*
Producing Region (d)	**497**	**705**	**845**	**901**	**738**	*1,005*	*1,066*	*995*	*673*	*871*	*969*	*910*	**901**	*995*	*910*
East Consuming Region (d)	**574**	**1,157**	**1,887**	**1,552**	**644**	*1,269*	*1,910*	*1,630*	*658*	*1,225*	*1,851*	*1,592*	**1,552**	*1,630*	*1,592*
West Consuming Region (d)	**176**	**310**	**431**	**388**	**283**	*400*	*466*	*400*	*243*	*363*	*447*	*394*	**388**	*400*	*394*

- = 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 - May 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**	**1.04**	*0.40*	*0.15*	*0.51*	*1.05*	*0.42*	*0.15*	*0.51*	**0.51**	*0.52*	*0.53*
Middle Atlantic	**4.46**	**1.57**	**0.63**	**2.66**	**4.83**	*1.59*	*0.65*	*2.61*	*4.65*	*1.64*	*0.66*	*2.62*	**2.33**	*2.41*	*2.38*
E. N. Central	**7.65**	**2.32**	**0.85**	**4.57**	**7.62**	*2.17*	*0.89*	*4.45*	*7.29*	*2.17*	*0.88*	*4.37*	**3.84**	*3.77*	*3.66*
W. N. Central	**2.65**	**0.79**	**0.27**	**1.40**	**2.54**	*0.70*	*0.27*	*1.33*	*2.49*	*0.68*	*0.27*	*1.33*	**1.28**	*1.20*	*1.19*
S. Atlantic	**2.25**	**0.58**	**0.32**	**1.61**	**2.47**	*0.64*	*0.34*	*1.50*	*2.45*	*0.65*	*0.34*	*1.52*	**1.19**	*1.23*	*1.23*
E. S. Central	**1.06**	**0.26**	**0.11**	**0.60**	**1.05**	*0.27*	*0.12*	*0.55*	*1.07*	*0.26*	*0.12*	*0.53*	**0.51**	*0.49*	*0.49*
W. S. Central	**1.88**	**0.51**	**0.28**	**0.95**	**1.80**	*0.56*	*0.31*	*0.89*	*1.85*	*0.55*	*0.31*	*0.90*	**0.91**	*0.88*	*0.90*
Mountain	**1.98**	**0.70**	**0.31**	**1.13**	**1.75**	*0.70*	*0.33*	*1.27*	*1.98*	*0.70*	*0.33*	*1.28*	**1.03**	*1.01*	*1.07*
Pacific	**2.97**	**1.41**	**0.83**	**1.80**	**2.84**	*1.47*	*0.85*	*1.97*	*2.87*	*1.44*	*0.86*	*1.97*	**1.75**	*1.78*	*1.78*
Total	**25.89**	**8.52**	**3.77**	**15.23**	**25.94**	*8.49*	*3.91*	*15.08*	*25.68*	*8.51*	*3.92*	*15.03*	**13.33**	*13.30*	*13.23*
Commercial Sector															
New England	**0.60**	**0.26**	**0.15**	**0.33**	**0.63**	*0.26*	*0.15*	*0.34*	*0.61*	*0.27*	*0.15*	*0.34*	**0.34**	*0.34*	*0.34*
Middle Atlantic	**2.70**	**1.19**	**0.86**	**1.86**	**2.81**	*1.23*	*0.84*	*1.66*	*2.74*	*1.25*	*0.84*	*1.64*	**1.65**	*1.63*	*1.61*
E. N. Central	**3.71**	**1.30**	**0.69**	**2.34**	**3.77**	*1.25*	*0.74*	*2.20*	*3.68*	*1.30*	*0.73*	*2.21*	**2.01**	*1.98*	*1.97*
W. N. Central	**1.56**	**0.55**	**0.29**	**0.95**	**1.54**	*0.54*	*0.31*	*0.91*	*1.49*	*0.53*	*0.31*	*0.92*	**0.84**	*0.82*	*0.81*
S. Atlantic	**1.51**	**0.71**	**0.56**	**1.20**	**1.62**	*0.75*	*0.56*	*1.14*	*1.61*	*0.74*	*0.56*	*1.13*	**0.99**	*1.02*	*1.01*
E. S. Central	**0.65**	**0.25**	**0.17**	**0.42**	**0.64**	*0.24*	*0.18*	*0.37*	*0.63*	*0.24*	*0.18*	*0.38*	**0.37**	*0.36*	*0.36*
W. S. Central	**1.13**	**0.60**	**0.47**	**0.74**	**1.08**	*0.57*	*0.49*	*0.74*	*1.13*	*0.58*	*0.49*	*0.75*	**0.73**	*0.72*	*0.74*
Mountain	**1.08**	**0.50**	**0.28**	**0.67**	**0.99**	*0.50*	*0.29*	*0.70*	*1.04*	*0.50*	*0.29*	*0.70*	**0.63**	*0.62*	*0.63*
Pacific	**1.35**	**0.89**	**0.68**	**0.98**	**1.32**	*0.91*	*0.70*	*1.04*	*1.33*	*0.90*	*0.70*	*1.02*	**0.98**	*0.99*	*0.98*
Total	**14.31**	**6.26**	**4.15**	**9.48**	**14.40**	*6.26*	*4.25*	*9.10*	*14.27*	*6.31*	*4.25*	*9.08*	**8.54**	*8.48*	*8.45*
Industrial Sector															
New England	**0.36**	**0.21**	**0.15**	**0.24**	**0.33**	*0.20*	*0.16*	*0.21*	*0.30*	*0.20*	*0.16*	*0.21*	**0.24**	*0.23*	*0.22*
Middle Atlantic	**1.13**	**0.83**	**0.74**	**0.88**	**1.01**	*0.78*	*0.72*	*0.85*	*1.00*	*0.79*	*0.72*	*0.86*	**0.89**	*0.84*	*0.84*
E. N. Central	**3.82**	**2.85**	**2.53**	**2.93**	**3.38**	*2.56*	*2.35*	*2.95*	*3.50*	*2.58*	*2.33*	*2.95*	**3.03**	*2.81*	*2.84*
W. N. Central	**1.66**	**1.32**	**1.26**	**1.44**	**1.48**	*1.07*	*1.09*	*1.21*	*1.29*	*1.05*	*1.10*	*1.24*	**1.42**	*1.21*	*1.17*
S. Atlantic	**1.59**	**1.42**	**1.34**	**1.31**	**1.38**	*1.30*	*1.23*	*1.33*	*1.45*	*1.29*	*1.22*	*1.33*	**1.42**	*1.31*	*1.32*
E. S. Central	**1.40**	**1.21**	**1.11**	**1.14**	**1.18**	*1.07*	*0.99*	*1.12*	*1.21*	*1.05*	*0.97*	*1.11*	**1.21**	*1.09*	*1.09*
W. S. Central	**7.06**	**6.67**	**6.41**	**6.36**	**6.09**	*6.10*	*6.09*	*6.03*	*6.38*	*6.19*	*6.10*	*6.10*	**6.62**	*6.08*	*6.19*
Mountain	**0.96**	**0.76**	**0.69**	**0.85**	**0.88**	*0.70*	*0.65*	*0.76*	*0.82*	*0.68*	*0.65*	*0.77*	**0.82**	*0.75*	*0.73*
Pacific	**2.58**	**2.37**	**2.48**	**2.56**	**2.47**	*2.32*	*2.39*	*2.40*	*2.41*	*2.31*	*2.38*	*2.41*	**2.50**	*2.39*	*2.38*
Total	**20.56**	**17.65**	**16.71**	**17.71**	**18.19**	*16.10*	*15.67*	*16.88*	*18.35*	*16.15*	*15.61*	*16.97*	**18.15**	*16.71*	*16.76*

- = 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 - May 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**	*3.24*	*3.25*	*3.82*	*4.50*	*4.49*	*4.45*	*4.92*	**8.08**	*3.66*	*4.59*
Henry Hub Spot Price	**8.92**	**11.73**	**9.29**	**6.60**	**4.71**	*3.54*	*3.67*	*4.32*	*5.15*	*5.06*	*5.00*	*5.63*	**9.13**	*4.06*	*5.21*
Residential															
New England	**16.19**	**17.98**	**21.63**	**17.46**	**16.97**	*14.85*	*16.47*	*14.27*	*14.19*	*14.16*	*17.21*	*15.27*	**17.27**	*15.86*	*14.67*
Middle Atlantic	**14.69**	**17.29**	**22.09**	**16.77**	**14.92**	*13.60*	*16.19*	*12.71*	*12.03*	*13.01*	*16.80*	*13.62*	**16.23**	*14.19*	*12.97*
E. N. Central	**11.39**	**14.94**	**19.51**	**12.43**	**10.87**	*10.76*	*13.28*	*9.50*	*9.24*	*10.49*	*14.18*	*10.57*	**12.68**	*10.59*	*10.13*
W. N. Central	**11.20**	**14.36**	**20.21**	**11.07**	**10.07**	*10.62*	*14.40*	*10.18*	*9.86*	*10.93*	*14.96*	*10.68*	**12.14**	*10.42*	*10.53*
S. Atlantic	**15.29**	**20.88**	**27.01**	**16.87**	**14.64**	*17.05*	*21.32*	*14.89*	*13.43*	*16.56*	*21.51*	*15.42*	**17.30**	*15.49*	*15.02*
E. S. Central	**13.41**	**17.51**	**23.07**	**15.09**	**13.29**	*13.54*	*16.80*	*13.30*	*11.94*	*13.49*	*17.53*	*14.30*	**14.98**	*13.54*	*13.13*
W. S. Central	**11.93**	**17.93**	**21.40**	**12.74**	**11.08**	*12.55*	*15.17*	*11.70*	*10.48*	*12.86*	*15.90*	*12.59*	**13.72**	*11.83*	*11.85*
Mountain	**10.45**	**12.37**	**15.59**	**10.80**	**10.35**	*9.63*	*11.95*	*8.58*	*9.08*	*9.26*	*12.20*	*9.19*	**11.26**	*9.79*	*9.38*
Pacific	**12.12**	**14.37**	**15.54**	**11.24**	**10.68**	*9.01*	*9.22*	*8.91*	*9.46*	*9.71*	*10.37*	*9.93*	**12.75**	*9.67*	*9.75*
U.S. Average	**12.44**	**15.58**	**19.25**	**13.32**	**12.06**	*11.53*	*13.41*	*10.69*	*10.47*	*11.44*	*14.15*	*11.57*	**13.67**	*11.68*	*11.22*
Commercial															
New England	**14.22**	**15.31**	**17.33**	**14.81**	**13.94**	*11.46*	*10.54*	*11.56*	*12.18*	*11.60*	*11.51*	*12.56*	**14.88**	*12.55*	*12.09*
Middle Atlantic	**12.97**	**14.40**	**14.71**	**13.07**	**11.98**	*9.73*	*8.36*	*9.76*	*10.16*	*9.75*	*9.45*	*10.86*	**13.42**	*10.47*	*10.14*
E. N. Central	**10.45**	**13.06**	**14.97**	**11.11**	**9.56**	*8.06*	*7.91*	*7.94*	*8.50*	*8.63*	*9.00*	*8.95*	**11.34**	*8.70*	*8.68*
W. N. Central	**10.59**	**12.25**	**13.72**	**9.60**	**9.27**	*7.69*	*7.56*	*7.63*	*8.32*	*8.34*	*8.59*	*8.64*	**10.82**	*8.41*	*8.44*
S. Atlantic	**13.00**	**14.61**	**15.80**	**13.29**	**11.96**	*10.33*	*9.84*	*10.58*	*10.69*	*10.37*	*10.69*	*11.31*	**13.70**	*10.89*	*10.77*
E. S. Central	**12.41**	**14.65**	**16.50**	**13.68**	**12.23**	*10.38*	*10.05*	*10.58*	*10.69*	*10.45*	*10.46*	*11.13*	**13.57**	*11.23*	*10.74*
W. S. Central	**10.61**	**13.11**	**13.50**	**10.58**	**9.40**	*7.36*	*7.55*	*8.09*	*8.00*	*7.94*	*8.55*	*9.08*	**11.53**	*8.36*	*8.35*
Mountain	**9.48**	**10.53**	**11.59**	**9.76**	**9.24**	*7.89*	*7.79*	*7.38*	*7.61*	*7.58*	*8.18*	*8.24*	**9.98**	*8.27*	*7.85*
Pacific	**11.23**	**12.45**	**13.15**	**10.58**	**10.03**	*7.57*	*7.06*	*7.86*	*8.68*	*7.92*	*8.03*	*8.83*	**11.63**	*8.42*	*8.45*
U.S. Average	**11.35**	**13.12**	**14.16**	**11.44**	**10.52**	*8.73*	*8.25*	*8.70*	*9.17*	*8.97*	*9.15*	*9.60*	**11.98**	*9.41*	*9.24*
Industrial															
New England	**13.06**	**14.65**	**15.55**	**12.93**	**13.18**	*9.32*	*7.95*	*9.76*	*10.76*	*9.71*	*9.10*	*10.94*	**13.70**	*10.66*	*10.29*
Middle Atlantic	**12.43**	**13.33**	**14.19**	**13.19**	**11.05**	*7.36*	*6.52*	*8.29*	*9.05*	*7.98*	*7.65*	*9.36*	**13.04**	*8.72*	*8.66*
E. N. Central	**9.85**	**11.74**	**12.41**	**9.91**	**9.02**	*6.73*	*6.16*	*6.73*	*7.45*	*7.23*	*7.20*	*7.79*	**10.57**	*7.58*	*7.47*
W. N. Central	**9.12**	**10.35**	**10.37**	**7.67**	**7.54**	*4.99*	*4.45*	*5.29*	*6.61*	*5.81*	*5.48*	*6.44*	**9.27**	*5.71*	*6.14*
S. Atlantic	**10.65**	**12.63**	**13.09**	**10.57**	**8.24**	*5.96*	*5.91*	*7.10*	*7.52*	*7.08*	*7.15*	*8.28*	**11.64**	*6.79*	*7.53*
E. S. Central	**9.46**	**11.60**	**11.94**	**9.44**	**7.84**	*5.75*	*5.36*	*6.54*	*7.13*	*6.46*	*6.49*	*7.46*	**10.53**	*6.43*	*6.91*
W. S. Central	**8.12**	**10.91**	**10.35**	**6.70**	**4.85**	*3.98*	*3.88*	*4.47*	*5.15*	*5.17*	*5.03*	*5.65*	**9.09**	*4.27*	*5.25*
Mountain	**9.33**	**10.03**	**10.08**	**8.40**	**8.17**	*6.61*	*5.91*	*6.24*	*6.89*	*6.47*	*6.34*	*7.01*	**9.38**	*6.82*	*6.71*
Pacific	**9.74**	**10.81**	**10.95**	**8.95**	**8.19**	*5.63*	*4.68*	*5.78*	*6.47*	*5.52*	*5.43*	*6.79*	**10.07**	*6.09*	*6.05*
U.S. Average	**8.91**	**11.10**	**10.76**	**7.71**	**6.48**	*4.65*	*4.33*	*5.22*	*6.04*	*5.60*	*5.42*	*6.32*	**9.61**	*5.17*	*5.85*

- = 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 - May 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**	**282.6**	*267.3*	*274.7*	*289.1*	*276.7*	*273.1*	*280.1*	*295.3*	**1171.5**	*1113.7*	*1125.1*
Appalachia	**97.8**	**99.1**	**95.4**	**98.6**	**93.4**	*92.6*	*90.0*	*91.9*	*93.6*	*94.5*	*90.7*	*93.8*	**390.8**	*367.8*	*372.6*
Interior	**35.5**	**35.0**	**37.9**	**38.7**	**35.8**	*33.0*	*33.7*	*35.6*	*34.0*	*33.7*	*35.6*	*36.4*	**147.1**	*138.1*	*139.7*
Western	**155.8**	**149.8**	**165.8**	**162.2**	**153.4**	*141.8*	*150.9*	*161.6*	*149.1*	*144.8*	*153.8*	*165.1*	**633.6**	*607.8*	*612.8*
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**	**4.8**	*6.6*	*7.1*	*8.9*	*8.1*	*9.4*	*9.4*	*9.2*	**34.2**	*27.4*	*36.1*
Exports	**15.8**	**23.1**	**20.3**	**22.3**	**14.0**	*18.6*	*19.6*	*17.7*	*15.0*	*21.4*	*23.2*	*21.0*	**81.5**	*69.9*	*80.5*
Metallurgical Coal	**9.1**	**12.6**	**10.6**	**10.4**	**7.2**	*8.1*	*8.9*	*10.8*	*6.3*	*9.0*	*9.9*	*11.9*	**42.5**	*34.9*	*37.1*
Steam Coal	**6.7**	**10.5**	**9.8**	**12.0**	**6.8**	*10.5*	*10.7*	*7.0*	*8.7*	*12.5*	*13.3*	*9.1*	**39.0**	*35.0*	*43.5*
Total Primary Supply	**282.5**	**270.9**	**288.3**	**289.1**	**271.8**	*252.3*	*269.8*	*279.9*	*265.6*	*258.0*	*273.9*	*283.2*	**1130.8**	*1073.8*	*1080.6*
Secondary Inventory Withdrawals	**5.1**	**-7.4**	**7.6**	**-18.4**	**6.2**	*-4.7*	*17.2*	*-15.9*	*1.2*	*-4.5*	*17.3*	*-16.2*	**-13.1**	*2.9*	*-2.2*
Waste Coal (a)	**3.3**	**3.3**	**3.5**	**3.7**	**3.7**	*3.7*	*3.7*	*3.7*	*3.7*	*3.7*	*3.7*	*3.7*	**13.7**	*15.0*	*15.0*
Total Supply	**290.8**	**266.7**	**299.5**	**274.5**	**281.8**	*251.4*	*290.7*	*267.8*	*270.5*	*257.2*	*294.9*	*270.8*	**1131.5**	*1091.6*	*1093.4*
Consumption (million short tons)															
Coke Plants	**5.5**	**5.6**	**5.8**	**5.2**	**4.1**	*3.9*	*3.3*	*3.3*	*3.6*	*3.7*	*3.3*	*3.5*	**22.1**	*14.5*	*14.0*
Electric Power Sector (b)	**263.3**	**247.9**	**279.2**	**251.2**	**250.6**	*237.2*	*276.8*	*252.9*	*254.9*	*242.0*	*280.2*	*254.9*	**1041.6**	*1017.5*	*1032.0*
Retail and Other Industry	**15.2**	**14.6**	**14.3**	**14.0**	**10.4**	*10.4*	*10.6*	*11.6*	*12.0*	*11.5*	*11.4*	*12.4*	**58.0**	*42.9*	*47.3*
Residential and Commercial	**1.1**	**0.7**	**0.7**	**0.9**	**1.0**	*0.6*	*0.6*	*1.0*	*0.9*	*0.6*	*0.6*	*1.0*	**3.5**	*3.1*	*3.1*
Other Industrial	**14.1**	**13.9**	**13.6**	**13.0**	**9.4**	*9.8*	*10.0*	*10.6*	*11.0*	*10.9*	*10.8*	*11.4*	**54.5**	*39.8*	*44.1*
Total Consumption	**284.0**	**268.1**	**299.3**	**270.4**	**265.0**	*251.4*	*290.7*	*267.8*	*270.5*	*257.2*	*294.9*	*270.8*	**1121.7**	*1074.9*	*1093.4*
Discrepancy (c)	**6.8**	**-1.4**	**0.2**	**4.1**	**16.7**	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	**9.8**	*16.7*	*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 (e)	**153.7**	**161.1**	**153.5**	**171.9**	**165.7**	*170.3*	*153.1*	*169.0*	*167.9*	*172.4*	*155.1*	*171.2*	**171.9**	*169.0*	*171.2*
Electric Power Sector	**147.0**	**153.9**	**145.8**	**163.1**	**157.0**	*161.3*	*143.7*	*159.4*	*158.5*	*162.8*	*145.1*	*161.2*	**163.1**	*159.4*	*161.2*
Retail and General Industry	**4.8**	**5.0**	**5.2**	**6.0**	**6.0**	*6.3*	*6.6*	*7.0*	*6.8*	*7.0*	*7.3*	*7.5*	**6.0**	*7.0*	*7.5*
Coke Plants	**1.5**	**1.8**	**2.0**	**2.3**	**2.2**	*2.2*	*2.3*	*2.2*	*2.0*	*2.0*	*2.1*	*2.0*	**2.3**	*2.2*	*2.0*
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**	*0.140*	*0.151*	*0.160*	*0.136*	*0.135*	*0.151*	*0.133*	**0.276**	*0.149*	*0.139*
Cost of Coal to Electric Utilities (Dollars per million Btu)	**1.91**	**2.04**	**2.16**	**2.18**	**2.25**	*2.16*	*2.06*	*1.98*	*1.96*	*1.92*	*1.90*	*1.87*	**2.07**	*2.11*	*1.91*

- = no data available

(a) Waste coal includes waste coal and cloal 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, generation plants, and distribution points.

(e) Secondary stocks are held by users. It includes an estimate of stocks held at utility plants sold to nonutility generators.

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 - May 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**	**10.97**	*10.79*	*12.43*	*10.59*	*11.03*	*11.02*	*12.66*	*10.79*	**11.23**	*11.20*	*11.38*
Electric Power Sector (a)	**10.70**	**10.61**	**11.85**	**10.19**	**10.60**	*10.43*	*12.04*	*10.22*	*10.64*	*10.65*	*12.26*	*10.41*	**10.84**	*10.83*	*10.99*
Industrial Sector	**0.38**	**0.37**	**0.38**	**0.34**	**0.34**	*0.34*	*0.37*	*0.35*	*0.37*	*0.35*	*0.38*	*0.36*	**0.37**	*0.35*	*0.36*
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*	*0.04*	*0.06*	*0.06*	*0.08*	*0.04*	**0.09**	*0.07*	*0.06*
Total Supply	**11.20**	**11.09**	**12.38**	**10.61**	**11.04**	*10.87*	*12.52*	*10.64*	*11.08*	*11.08*	*12.75*	*10.83*	**11.32**	*11.27*	*11.44*
Losses and Unaccounted for (b)	**0.63**	**0.88**	**0.74**	**0.71**	**0.76**	*0.86*	*0.79*	*0.70*	*0.64*	*0.93*	*0.84*	*0.75*	**0.74**	*0.78*	*0.79*
Electricity Consumption (billion kilowatthours per day)															
Retail Sales	**10.14**	**9.80**	**11.22**	**9.51**	**9.89**	*9.62*	*11.32*	*9.55*	*10.04*	*9.76*	*11.48*	*9.69*	**10.17**	*10.10*	*10.24*
Residential Sector	**3.94**	**3.35**	**4.34**	**3.44**	**3.95**	*3.38*	*4.54*	*3.49*	*3.99*	*3.45*	*4.61*	*3.54*	**3.77**	*3.84*	*3.90*
Commercial Sector	**3.52**	**3.65**	**4.09**	**3.52**	**3.51**	*3.64*	*4.12*	*3.57*	*3.56*	*3.72*	*4.22*	*3.65*	**3.70**	*3.71*	*3.79*
Industrial Sector	**2.66**	**2.77**	**2.77**	**2.53**	**2.40**	*2.58*	*2.63*	*2.48*	*2.47*	*2.58*	*2.63*	*2.47*	**2.68**	*2.52*	*2.54*
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**	**0.38**	*0.38*	*0.41*	*0.39*	*0.41*	*0.39*	*0.42*	*0.40*	**0.41**	*0.39*	*0.40*
Total Consumption	**10.57**	**10.21**	**11.64**	**9.90**	**10.28**	*10.00*	*11.73*	*9.94*	*10.44*	*10.15*	*11.90*	*10.08*	**10.58**	*10.49*	*10.65*
Prices															
Power Generation Fuel Costs (dollars per million Btu)															
Coal	**1.91**	**2.04**	**2.16**	**2.18**	**2.25**	*2.16*	*2.06*	*1.98*	*1.96*	*1.92*	*1.90*	*1.87*	**2.07**	*2.11*	*1.91*
Natural Gas	**8.57**	**11.08**	**9.75**	**6.67**	**5.44**	*3.89*	*3.82*	*4.47*	*5.33*	*5.18*	*5.11*	*5.63*	**9.13**	*4.30*	*5.29*
Residual Fuel Oil	**12.90**	**15.44**	**17.75**	**10.28**	**7.16**	*8.09*	*8.15*	*8.37*	*8.43*	*8.20*	*8.22*	*8.74*	**14.40**	*7.74*	*8.39*
Distillate Fuel Oil	**18.86**	**23.38**	**23.99**	**14.88**	**10.56**	*10.49*	*10.96*	*11.72*	*11.83*	*12.11*	*12.30*	*12.53*	**20.27**	*10.94*	*12.20*
End-Use Prices (cents per kilowatthour)															
Residential Sector	**10.4**	**11.5**	**12.1**	**11.4**	**11.2**	*12.1*	*12.4*	*11.6*	*11.1*	*12.3*	*12.7*	*12.1*	**11.4**	*11.9*	*12.1*
Commercial Sector	**9.5**	**10.3**	**11.0**	**10.2**	**10.1**	*10.6*	*11.1*	*10.4*	*10.2*	*10.8*	*11.4*	*10.8*	**10.3**	*10.6*	*10.8*
Industrial Sector	**6.4**	**6.9**	**7.6**	**7.1**	**6.9**	*7.2*	*7.6*	*7.1*	*7.0*	*7.3*	*7.8*	*7.4*	**7.0**	*7.2*	*7.4*

- = 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 colocated 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 - May 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**	**146**	*115*	*140*	*126*	*141*	*115*	*140*	*126*	**128**	*132*	*131*
Middle Atlantic	**385**	**318**	**407**	**336**	**400**	*317*	*417*	*336*	*392*	*323*	*425*	*342*	**362**	*367*	*371*
E. N. Central	**575**	**439**	**562**	**497**	**567**	*451*	*596*	*492*	*567*	*457*	*600*	*495*	**519**	*527*	*530*
W. N. Central	**316**	**237**	**308**	**263**	**317**	*243*	*327*	*258*	*303*	*247*	*333*	*263*	**281**	*286*	*286*
S. Atlantic	**954**	**861**	**1,110**	**857**	**979**	*850*	*1,148*	*860*	*986*	*866*	*1,169*	*876*	**946**	*959*	*974*
E. S. Central	**355**	**281**	**383**	**293**	**357**	*281*	*397*	*288*	*350*	*286*	*402*	*292*	**328**	*331*	*332*
W. S. Central	**502**	**500**	**680**	**445**	**490**	*511*	*746*	*487*	*523*	*529*	*761*	*497*	**532**	*559*	*578*
Mountain	**250**	**228**	**324**	**225**	**240**	*237*	*330*	*232*	*251*	*242*	*339*	*239*	**257**	*260*	*268*
Pacific contiguous	**446**	**362**	**416**	**385**	**443**	*363*	*422*	*393*	*456*	*366*	*428*	*399*	**402**	*405*	*412*
AK and HI	**16**	**13**	**13**	**14**	**15**	*14*	*14*	*15*	*16*	*14*	*14*	*15*	**14**	*14*	*15*
Total	**3,938**	**3,352**	**4,342**	**3,439**	**3,954**	*3,383*	*4,538*	*3,487*	*3,986*	*3,445*	*4,612*	*3,542*	**3,769**	*3,841*	*3,897*
Commercial Sector															
New England	**154**	**150**	**168**	**146**	**142**	*152*	*171*	*151*	*159*	*155*	*174*	*154*	**155**	*154*	*160*
Middle Atlantic	**447**	**434**	**493**	**431**	**451**	*430*	*489*	*427*	*449*	*439*	*499*	*435*	**451**	*449*	*455*
E. N. Central	**552**	**547**	**608**	**540**	**551**	*540*	*599*	*531*	*546*	*554*	*614*	*544*	**562**	*555*	*565*
W. N. Central	**262**	**260**	**290**	**261**	**262**	*261*	*295*	*259*	*258*	*263*	*298*	*261*	**268**	*269*	*270*
S. Atlantic	**782**	**840**	**931**	**785**	**780**	*816*	*927*	*790*	*774*	*832*	*945*	*806*	**835**	*828*	*840*
E. S. Central	**217**	**228**	**263**	**216**	**215**	*229*	*268*	*220*	*218*	*233*	*272*	*224*	**231**	*233*	*237*
W. S. Central	**407**	**460**	**519**	**417**	**418**	*481*	*560*	*459*	*441*	*500*	*581*	*476*	**451**	*480*	*500*
Mountain	**240**	**257**	**290**	**250**	**240**	*264*	*296*	*254*	*250*	*273*	*305*	*263*	**259**	*263*	*273*
Pacific contiguous	**443**	**456**	**508**	**458**	**436**	*448*	*503*	*459*	*447*	*458*	*513*	*468*	**466**	*462*	*472*
AK and HI	**17**	**17**	**17**	**17**	**17**	*17*	*18*	*18*	*18*	*18*	*18*	*18*	**17**	*18*	*18*
Total	**3,521**	**3,649**	**4,087**	**3,522**	**3,513**	*3,639*	*4,125*	*3,568*	*3,560*	*3,723*	*4,219*	*3,649*	**3,695**	*3,713*	*3,789*
Industrial Sector															
New England	**60**	**63**	**64**	**59**	**69**	*57*	*59*	*56*	*55*	*56*	*58*	*55*	**62**	*60*	*56*
Middle Atlantic	**196**	**202**	**202**	**188**	**181**	*194*	*200*	*188*	*183*	*188*	*193*	*182*	**197**	*191*	*186*
E. N. Central	**532**	**534**	**526**	**486**	**446**	*452*	*453*	*432*	*427*	*438*	*439*	*419*	**519**	*445*	*431*
W. N. Central	**231**	**235**	**245**	**230**	**210**	*230*	*242*	*229*	*224*	*234*	*245*	*233*	**235**	*228*	*234*
S. Atlantic	**409**	**434**	**426**	**383**	**362**	*395*	*399*	*373*	*374*	*395*	*399*	*373*	**413**	*382*	*385*
E. S. Central	**369**	**362**	**348**	**345**	**326**	*346*	*340*	*346*	*353*	*355*	*349*	*354*	**356**	*340*	*353*
W. S. Central	**415**	**455**	**441**	**386**	**389**	*455*	*463*	*427*	*433*	*457*	*464*	*428*	**424**	*434*	*446*
Mountain	**210**	**232**	**242**	**213**	**200**	*228*	*242*	*214*	*212*	*233*	*247*	*219*	**224**	*221*	*228*
Pacific contiguous	**225**	**242**	**258**	**230**	**208**	*208*	*223*	*199*	*194*	*206*	*221*	*197*	**239**	*210*	*205*
AK and HI	**14**	**14**	**14**	**14**	**13**	*14*	*15*	*14*	*13*	*14*	*15*	*14*	**14**	*14*	*14*
Total	**2,661**	**2,773**	**2,767**	**2,533**	**2,405**	*2,580*	*2,634*	*2,479*	*2,469*	*2,576*	*2,630*	*2,474*	**2,683**	*2,525*	*2,537*
Total All Sectors (a)															
New England	**356**	**327**	**371**	**330**	**359**	*326*	*371*	*334*	*357*	*328*	*374*	*336*	**346**	*348*	*349*
Middle Atlantic	**1,039**	**965**	**1,113**	**966**	**1,044**	*952*	*1,118*	*961*	*1,035*	*959*	*1,128*	*969*	**1,021**	*1,019*	*1,023*
E. N. Central	**1,662**	**1,521**	**1,697**	**1,525**	**1,566**	*1,444*	*1,649*	*1,456*	*1,542*	*1,450*	*1,654*	*1,459*	**1,601**	*1,529*	*1,527*
W. N. Central	**808**	**733**	**844**	**754**	**790**	*735*	*864*	*747*	*785*	*744*	*876*	*757*	**785**	*784*	*791*
S. Atlantic	**2,148**	**2,139**	**2,471**	**2,029**	**2,124**	*2,064*	*2,477*	*2,026*	*2,138*	*2,097*	*2,517*	*2,057*	**2,197**	*2,173*	*2,203*
E. S. Central	**941**	**871**	**994**	**854**	**898**	*857*	*1,005*	*854*	*920*	*874*	*1,023*	*870*	**915**	*904*	*922*
W. S. Central	**1,324**	**1,416**	**1,640**	**1,248**	**1,297**	*1,448*	*1,769*	*1,373*	*1,398*	*1,486*	*1,806*	*1,401*	**1,407**	*1,473*	*1,524*
Mountain	**701**	**717**	**857**	**687**	**680**	*729*	*868*	*701*	*714*	*748*	*892*	*720*	**741**	*745*	*769*
Pacific contiguous	**1,117**	**1,062**	**1,184**	**1,076**	**1,091**	*1,022*	*1,150*	*1,053*	*1,100*	*1,033*	*1,165*	*1,067*	**1,110**	*1,079*	*1,091*
AK and HI	**47**	**45**	**45**	**46**	**46**	*45*	*47*	*47*	*47*	*46*	*47*	*48*	**46**	*46*	*47*
Total	**10,142**	**9,795**	**11,217**	**9,515**	**9,895**	*9,623*	*11,317*	*9,553*	*10,036*	*9,764*	*11,481*	*9,685*	**10,168**	*10,099*	*10,244*

- = 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 - May 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**	**18.1**	*18.4*	*18.3*	*18.1*	*18.1*	*18.7*	*18.8*	*18.7*	**17.6**	*18.2*	*18.6*
Middle Atlantic	**13.8**	**15.5**	**16.7**	**14.5**	**14.3**	*15.6*	*16.5*	*15.1*	*14.5*	*15.9*	*17.0*	*15.6*	**15.2**	*15.4*	*15.8*
E. N. Central	**9.5**	**10.8**	**11.0**	**10.7**	**10.4**	*11.4*	*11.4*	*10.7*	*10.3*	*11.5*	*11.7*	*11.1*	**10.5**	*11.0*	*11.1*
W. N. Central	**7.7**	**9.1**	**9.6**	**8.6**	**8.2**	*9.6*	*9.9*	*8.6*	*8.2*	*9.6*	*10.1*	*8.9*	**8.7**	*9.1*	*9.2*
S. Atlantic	**9.9**	**10.7**	**11.3**	**10.9**	**11.1**	*11.7*	*11.8*	*11.2*	*10.8*	*11.8*	*12.3*	*11.9*	**10.7**	*11.5*	*11.7*
E. S. Central	**8.2**	**9.3**	**9.7**	**9.9**	**9.5**	*10.2*	*10.1*	*9.6*	*9.3*	*10.2*	*10.3*	*10.2*	**9.3**	*9.8*	*10.0*
W. S. Central	**10.4**	**11.9**	**12.7**	**11.9**	**11.6**	*12.7*	*13.0*	*12.0*	*11.5*	*12.9*	*13.4*	*12.7*	**11.8**	*12.4*	*12.7*
Mountain	**8.9**	**10.2**	**10.5**	**9.6**	**9.4**	*10.3*	*10.5*	*9.7*	*9.4*	*10.5*	*10.8*	*10.0*	**9.8**	*10.0*	*10.2*
Pacific	**11.3**	**11.8**	**13.0**	**11.8**	**11.5**	*12.2*	*13.4*	*12.2*	*11.6*	*12.3*	*13.5*	*12.1*	**11.9**	*12.3*	*12.4*
U.S. Average	**10.3**	**11.5**	**12.1**	**11.4**	**11.2**	*12.1*	*12.4*	*11.6*	*11.1*	*12.3*	*12.7*	*12.1*	**11.4**	*11.9*	*12.1*
Commercial Sector															
New England	**14.6**	**15.5**	**16.1**	**15.6**	**15.9**	*15.5*	*16.2*	*15.6*	*15.7*	*16.0*	*16.6*	*16.0*	**15.5**	*15.8*	*16.1*
Middle Atlantic	**12.8**	**14.3**	**15.6**	**13.1**	**13.1**	*14.1*	*15.6*	*13.8*	*13.2*	*14.4*	*15.9*	*14.2*	**14.0**	*14.2*	*14.5*
E. N. Central	**8.4**	**8.9**	**9.1**	**9.0**	**9.0**	*9.2*	*9.4*	*9.1*	*9.0*	*9.4*	*9.6*	*9.3*	**8.9**	*9.2*	*9.3*
W. N. Central	**6.5**	**7.3**	**7.8**	**6.8**	**6.8**	*7.5*	*7.9*	*6.9*	*6.8*	*7.6*	*8.1*	*7.1*	**7.1**	*7.3*	*7.4*
S. Atlantic	**8.8**	**9.2**	**9.8**	**9.7**	**9.9**	*10.0*	*10.1*	*9.8*	*9.6*	*10.0*	*10.4*	*10.4*	**9.4**	*10.0*	*10.1*
E. S. Central	**8.2**	**8.8**	**9.3**	**9.6**	**9.5**	*9.6*	*9.5*	*9.5*	*9.4*	*9.8*	*9.9*	*10.0*	**9.0**	*9.5*	*9.8*
W. S. Central	**9.3**	**10.3**	**10.8**	**9.9**	**9.8**	*10.1*	*10.5*	*10.0*	*9.9*	*10.6*	*10.9*	*10.6*	**10.1**	*10.1*	*10.6*
Mountain	**7.7**	**8.6**	**8.9**	**8.1**	**8.0**	*8.7*	*8.8*	*8.5*	*8.2*	*8.9*	*9.1*	*8.7*	**8.3**	*8.5*	*8.7*
Pacific	**10.1**	**11.5**	**12.8**	**11.2**	**10.7**	*12.0*	*13.5*	*11.6*	*11.0*	*12.1*	*13.6*	*11.7*	**11.4**	*12.0*	*12.1*
U.S. Average	**9.5**	**10.3**	**11.0**	**10.2**	**10.1**	*10.6*	*11.1*	*10.4*	*10.2*	*10.8*	*11.4*	*10.8*	**10.3**	*10.6*	*10.8*
Industrial Sector															
New England	**12.8**	**13.2**	**13.7**	**13.4**	**12.6**	*13.2*	*13.6*	*13.5*	*13.4*	*13.3*	*13.7*	*13.6*	**13.3**	*13.2*	*13.5*
Middle Atlantic	**8.4**	**8.8**	**9.2**	**8.3**	**8.7**	*8.9*	*9.3*	*8.8*	*8.9*	*9.1*	*9.6*	*9.1*	**8.7**	*8.9*	*9.2*
E. N. Central	**6.0**	**6.3**	**6.7**	**6.6**	**6.6**	*6.6*	*6.9*	*6.6*	*6.5*	*6.8*	*7.1*	*6.8*	**6.4**	*6.7*	*6.8*
W. N. Central	**4.9**	**5.3**	**5.9**	**5.2**	**5.5**	*5.8*	*6.1*	*5.2*	*5.4*	*5.8*	*6.3*	*5.5*	**5.4**	*5.6*	*5.8*
S. Atlantic	**5.8**	**6.2**	**6.8**	**6.6**	**6.7**	*6.7*	*7.1*	*6.6*	*6.5*	*6.7*	*7.2*	*6.9*	**6.3**	*6.8*	*6.8*
E. S. Central	**5.0**	**5.5**	**6.2**	**6.2**	**6.0**	*6.2*	*6.5*	*5.8*	*5.6*	*6.2*	*6.7*	*6.4*	**5.7**	*6.1*	*6.2*
W. S. Central	**7.2**	**8.3**	**8.9**	**7.9**	**7.2**	*7.8*	*8.3*	*8.1*	*7.7*	*8.1*	*8.5*	*8.3*	**8.1**	*7.9*	*8.1*
Mountain	**5.6**	**6.1**	**6.7**	**5.7**	**5.6**	*6.1*	*6.7*	*6.0*	*5.8*	*6.2*	*6.8*	*6.1*	**6.0**	*6.1*	*6.3*
Pacific	**7.5**	**7.7**	**8.8**	**8.1**	**7.6**	*8.1*	*9.1*	*8.4*	*7.8*	*8.1*	*8.9*	*8.3*	**8.0**	*8.3*	*8.3*
U.S. Average	**6.4**	**6.9**	**7.6**	**7.1**	**6.9**	*7.2*	*7.6*	*7.1*	*7.0*	*7.3*	*7.8*	*7.4*	**7.0**	*7.2*	*7.4*
All Sectors (a)															
New England	**15.1**	**15.7**	**16.4**	**16.2**	**16.1**	*16.1*	*16.5*	*16.1*	*16.3*	*16.4*	*16.9*	*16.6*	**15.8**	*16.2*	*16.6*
Middle Atlantic	**12.3**	**13.5**	**14.9**	**12.7**	**12.8**	*13.5*	*14.8*	*13.3*	*12.9*	*13.8*	*15.2*	*13.7*	**13.4**	*13.6*	*14.0*
E. N. Central	**8.0**	**8.5**	**9.0**	**8.8**	**8.8**	*9.1*	*9.4*	*8.9*	*8.8*	*9.3*	*9.7*	*9.2*	**8.6**	*9.1*	*9.2*
W. N. Central	**6.5**	**7.3**	**7.9**	**6.9**	**7.0**	*7.6*	*8.1*	*7.0*	*6.9*	*7.7*	*8.4*	*7.2*	**7.2**	*7.5*	*7.6*
S. Atlantic	**8.7**	**9.2**	**10.0**	**9.6**	**9.9**	*10.0*	*10.4*	*9.8*	*9.6*	*10.1*	*10.8*	*10.4*	**9.4**	*10.1*	*10.3*
E. S. Central	**6.9**	**7.6**	**8.4**	**8.4**	**8.2**	*8.4*	*8.7*	*8.0*	*7.9*	*8.5*	*9.0*	*8.6*	**7.8**	*8.4*	*8.5*
W. S. Central	**9.1**	**10.2**	**11.1**	**10.0**	**9.7**	*10.3*	*11.0*	*10.1*	*9.8*	*10.6*	*11.3*	*10.7*	**10.2**	*10.3*	*10.7*
Mountain	**7.5**	**8.3**	**8.9**	**7.8**	**7.8**	*8.4*	*8.9*	*8.1*	*7.9*	*8.6*	*9.1*	*8.3*	**8.2**	*8.3*	*8.5*
Pacific	**10.0**	**10.7**	**12.0**	**10.7**	**10.4**	*11.3*	*12.6*	*11.2*	*10.7*	*11.4*	*12.7*	*11.2*	**10.9**	*11.4*	*11.5*
U.S. Average	**9.0**	**9.8**	**10.6**	**9.8**	**9.8**	*10.2*	*10.8*	*10.0*	*9.8*	*10.4*	*11.1*	*10.4*	**9.8**	*10.2*	*10.4*

- = 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 - May 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**	**5.322**	*4.906*	*5.623*	*5.144*	*5.325*	*4.974*	*5.651*	*5.149*	**5.399**	*5.250*	*5.275*
Natural Gas	**1.902**	**2.079**	**2.791**	**1.951**	**1.827**	*2.141*	*3.061*	*1.938*	*1.805*	*2.150*	*3.143*	*2.045*	**2.182**	*2.244*	*2.289*
Other Gases	**0.010**	**0.010**	**0.009**	**0.007**	**0.007**	*0.010*	*0.010*	*0.010*	*0.011*	*0.011*	*0.011*	*0.010*	**0.009**	*0.009*	*0.010*
Petroleum	**0.113**	**0.120**	**0.122**	**0.107**	**0.160**	*0.104*	*0.108*	*0.113*	*0.134*	*0.124*	*0.152*	*0.135*	**0.116**	*0.121*	*0.136*
Residual Fuel Oil	**0.052**	**0.066**	**0.070**	**0.055**	**0.098**	*0.052*	*0.041*	*0.034*	*0.043*	*0.039*	*0.058*	*0.048*	**0.060**	*0.056*	*0.047*
Distillate Fuel Oil	**0.022**	**0.018**	**0.015**	**0.015**	**0.028**	*0.016*	*0.015*	*0.015*	*0.023*	*0.017*	*0.017*	*0.018*	**0.017**	*0.019*	*0.019*
Petroleum Coke	**0.036**	**0.034**	**0.035**	**0.035**	**0.030**	*0.035*	*0.051*	*0.062*	*0.064*	*0.066*	*0.075*	*0.067*	**0.035**	*0.044*	*0.068*
Other Petroleum	**0.004**	**0.003**	**0.003**	**0.003**	**0.004**	*0.001*	*0.002*	*0.002*	*0.003*	*0.002*	*0.002*	*0.002*	**0.003**	*0.002*	*0.002*
Nuclear	**2.204**	**2.115**	**2.326**	**2.164**	**2.257**	*2.167*	*2.318*	*2.150*	*2.259*	*2.185*	*2.324*	*2.156*	**2.203**	*2.223*	*2.231*
Pumped Storage Hydroelectric	**-0.019**	**-0.012**	**-0.021**	**-0.016**	**-0.015**	*-0.015*	*-0.018*	*-0.017*	*-0.016*	*-0.015*	*-0.017*	*-0.016*	**-0.017**	*-0.016*	*-0.016*
Other Fuels (b)	**0.018**	**0.020**	**0.019**	**0.018**	**0.018**	*0.019*	*0.020*	*0.019*	*0.018*	*0.019*	*0.021*	*0.019*	**0.019**	*0.019*	*0.019*
Renewables:															
Conventional Hydroelectric	**0.649**	**0.832**	**0.657**	**0.552**	**0.735**	*0.799*	*0.647*	*0.598*	*0.750*	*0.840*	*0.664*	*0.598*	**0.672**	*0.694*	*0.712*
Geothermal	**0.039**	**0.041**	**0.042**	**0.041**	**0.040**	*0.040*	*0.042*	*0.042*	*0.042*	*0.042*	*0.044*	*0.043*	**0.041**	*0.041*	*0.043*
Solar	**0.001**	**0.003**	**0.003**	**0.001**	**0.001**	*0.003*	*0.003*	*0.001*	*0.002*	*0.004*	*0.005*	*0.002*	**0.002**	*0.002*	*0.003*
Wind	**0.138**	**0.166**	**0.105**	**0.160**	**0.183**	*0.188*	*0.141*	*0.150*	*0.228*	*0.241*	*0.182*	*0.186*	**0.142**	*0.165*	*0.209*
Wood and Wood Waste	**0.031**	**0.027**	**0.032**	**0.030**	**0.030**	*0.028*	*0.033*	*0.031*	*0.032*	*0.029*	*0.033*	*0.032*	**0.030**	*0.031*	*0.031*
Other Renewables	**0.039**	**0.043**	**0.040**	**0.040**	**0.039**	*0.042*	*0.045*	*0.045*	*0.047*	*0.048*	*0.051*	*0.050*	**0.041**	*0.043*	*0.049*
Subtotal Electric Power Sector	**10.696**	**10.611**	**11.848**	**10.193**	**10.605**	*10.431*	*12.035*	*10.224*	*10.635*	*10.652*	*12.264*	*10.407*	**10.838**	*10.826*	*10.992*
Commercial Sector (c)															
Coal	**0.003**	**0.003**	**0.004**	**0.003**	**0.003**	*0.003*	*0.004*	*0.003*	*0.004*	*0.003*	*0.004*	*0.003*	**0.003**	*0.003*	*0.003*
Natural Gas	**0.012**	**0.010**	**0.012**	**0.011**	**0.011**	*0.010*	*0.012*	*0.011*	*0.011*	*0.010*	*0.012*	*0.012*	**0.011**	*0.011*	*0.011*
Petroleum	**0.000**	**0.000**	**0.000**	**0.000**	**0.001**	*0.001*	*0.001*	*0.001*	*0.001*	*0.001*	*0.001*	*0.001*	**0.000**	*0.001*	*0.001*
Other Fuels (b)	**0.002**	**0.002**	**0.002**	**0.002**	**0.002**	*0.002*	*0.002*	*0.002*	*0.002*	*0.002*	*0.002*	*0.002*	**0.002**	*0.002*	*0.002*
Renewables (d)	**0.004**	**0.005**	**0.005**	**0.004**	**0.004**	*0.005*	*0.005*	*0.004*	*0.004*	*0.005*	*0.005*	*0.004*	**0.004**	*0.005*	*0.005*
Subtotal Commercial Sector	**0.021**	**0.022**	**0.023**	**0.021**	**0.022**	*0.022*	*0.024*	*0.022*	*0.022*	*0.022*	*0.024*	*0.022*	**0.022**	*0.022*	*0.023*
Industrial Sector (c)															
Coal	**0.046**	**0.047**	**0.050**	**0.043**	**0.042**	*0.045*	*0.047*	*0.046*	*0.048*	*0.048*	*0.050*	*0.048*	**0.046**	*0.045*	*0.049*
Natural Gas	**0.213**	**0.201**	**0.207**	**0.191**	**0.188**	*0.180*	*0.200*	*0.189*	*0.200*	*0.183*	*0.202*	*0.192*	**0.203**	*0.189*	*0.194*
Other Gases	**0.025**	**0.024**	**0.025**	**0.017**	**0.019**	*0.022*	*0.024*	*0.018*	*0.020*	*0.023*	*0.025*	*0.018*	**0.023**	*0.021*	*0.021*
Petroleum	**0.009**	**0.007**	**0.008**	**0.008**	**0.011**	*0.009*	*0.010*	*0.010*	*0.011*	*0.009*	*0.010*	*0.010*	**0.008**	*0.010*	*0.010*
Other Fuels (b)	**0.007**	**0.008**	**0.008**	**0.006**	**0.006**	*0.008*	*0.008*	*0.006*	*0.007*	*0.008*	*0.008*	*0.007*	**0.007**	*0.007*	*0.007*
Renewables:															
Conventional Hydroelectric	**0.008**	**0.005**	**0.004**	**0.004**	**0.006**	*0.005*	*0.004*	*0.004*	*0.007*	*0.005*	*0.004*	*0.004*	**0.005**	*0.005*	*0.005*
Wood and Wood Waste	**0.077**	**0.076**	**0.079**	**0.073**	**0.068**	*0.070*	*0.076*	*0.074*	*0.073*	*0.072*	*0.078*	*0.076*	**0.076**	*0.072*	*0.075*
Other Renewables (e)	**0.002**	**0.002**	**0.002**	**0.001**	**0.002**	*0.002*	*0.002*	*0.001*	*0.002*	*0.002*	*0.002*	*0.001*	**0.002**	*0.002*	*0.002*
Subtotal Industrial Sector	**0.385**	**0.372**	**0.383**	**0.343**	**0.342**	*0.340*	*0.370*	*0.350*	*0.368*	*0.349*	*0.377*	*0.356*	**0.371**	*0.351*	*0.362*
Total All Sectors	**11.103**	**11.004**	**12.253**	**10.557**	**10.969**	*10.793*	*12.429*	*10.595*	*11.025*	*11.023*	*12.665*	*10.785*	**11.230**	*11.199*	*11.377*

- = 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 - May 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**	**2.77**	*2.60*	*3.00*	*2.74*	*2.82*	*2.65*	*3.03*	*2.76*	**2.84**	*2.78*	*2.82*
Natural Gas (bcf/d)	**14.67**	**16.67**	**22.37**	**15.20**	**14.12**	*17.01*	*24.41*	*14.97*	*13.79*	*16.94*	*24.94*	*15.73*	**17.24**	*17.65*	*17.87*
Petroleum (mmb/d) (b)	**0.20**	**0.21**	**0.22**	**0.19**	**0.28**	*0.19*	*0.20*	*0.21*	*0.25*	*0.23*	*0.28*	*0.25*	**0.21**	*0.22*	*0.25*
Residual Fuel Oil (mmb/d)	**0.09**	**0.11**	**0.12**	**0.09**	**0.16**	*0.09*	*0.07*	*0.06*	*0.07*	*0.06*	*0.10*	*0.08*	**0.10**	*0.09*	*0.08*
Distillate Fuel Oil (mmb/d)	**0.04**	**0.03**	**0.03**	**0.03**	**0.05**	*0.03*	*0.03*	*0.03*	*0.04*	*0.03*	*0.03*	*0.04*	**0.03**	*0.04*	*0.04*
Petroleum Coke (mmst/d)	**0.07**	**0.07**	**0.07**	**0.07**	**0.06**	*0.07*	*0.10*	*0.12*	*0.13*	*0.13*	*0.15*	*0.13*	**0.07**	*0.09*	*0.13*
Other Petroleum (mmb/d)	**0.01**	**0.01**	**0.00**	**0.01**	**0.01**	*0.00*	*0.00*	*0.00*	*0.01*	*0.00*	*0.00*	*0.00*	**0.01**	*0.00*	*0.00*
Commercial Sector (c)															
Coal (mmst/d)	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*	**0.00**	*0.00*	*0.00*
Natural Gas (bcf/d)	**0.09**	**0.08**	**0.09**	**0.08**	**0.09**	*0.08*	*0.10*	*0.09*	*0.09*	*0.08*	*0.10*	*0.09*	**0.09**	*0.09*	*0.09*
Petroleum (mmb/d) (b)	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*	**0.00**	*0.00*	*0.00*
Industrial Sector (c)															
Coal (mmst/d)	**0.01**	**0.02**	**0.02**	**0.01**	**0.01**	*0.02*	*0.02*	*0.02*	*0.02*	*0.02*	*0.02*	*0.02*	**0.02**	*0.02*	*0.02*
Natural Gas (bcf/d)	**1.41**	**1.33**	**1.37**	**1.27**	**1.26**	*1.28*	*1.43*	*1.36*	*1.42*	*1.32*	*1.45*	*1.38*	**1.35**	*1.33*	*1.39*
Petroleum (mmb/d) (b)	**0.01**	**0.01**	**0.01**	**0.01**	**0.01**	*0.01*	*0.01*	*0.01*	*0.02*	*0.01*	*0.01*	*0.01*	**0.01**	*0.01*	*0.01*
Total All Sectors															
Coal (mmst/d)	**2.90**	**2.73**	**3.04**	**2.73**	**2.79**	*2.61*	*3.02*	*2.76*	*2.84*	*2.67*	*3.05*	*2.78*	**2.85**	*2.79*	*2.84*
Natural Gas (bcf/d)	**16.18**	**18.08**	**23.83**	**16.55**	**15.46**	*18.37*	*25.94*	*16.42*	*15.30*	*18.34*	*26.48*	*17.20*	**18.67**	*19.07*	*19.36*
Petroleum (mmb/d) (b)	**0.22**	**0.22**	**0.23**	**0.20**	**0.30**	*0.20*	*0.22*	*0.23*	*0.27*	*0.24*	*0.30*	*0.27*	**0.22**	*0.24*	*0.27*
End-of-period Fuel Inventories Held by Electric Power Sector															
Coal (mmst)	**147.0**	**153.9**	**145.8**	**163.1**	**157.0**	*161.3*	*143.7*	*159.4*	*158.5*	*162.8*	*145.1*	*161.2*	**163.1**	*159.4*	*161.2*
Residual Fuel Oil (mmb)	**23.1**	**24.3**	**22.3**	**21.7**	**20.7**	*20.4*	*17.5*	*18.6*	*17.9*	*18.8*	*16.8*	*18.2*	**21.7**	*18.6*	*18.2*
Distillate Fuel Oil (mmb)	**18.4**	**18.4**	**18.3**	**18.9**	**18.5**	*18.4*	*18.3*	*18.8*	*18.1*	*17.9*	*18.0*	*18.5*	**18.9**	*18.8*	*18.5*
Petroleum Coke (mmb)	**3.3**	**3.7**	**3.6**	**4.0**	**3.7**	*3.6*	*3.9*	*4.1*	*4.4*	*4.3*	*4.6*	*4.3*	**4.0**	*4.1*	*4.3*

- = 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 - May 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**	**0.662**	*0.726*	*0.594*	*0.549*	*0.676*	*0.763*	*0.609*	*0.550*	**2.452**	*2.531*	*2.598*
Geothermal	**0.085**	**0.091**	**0.092**	**0.090**	**0.088**	*0.088*	*0.093*	*0.093*	*0.092*	*0.092*	*0.096*	*0.095*	**0.358**	*0.362*	*0.375*
Solar	**0.022**	**0.024**	**0.024**	**0.022**	**0.022**	*0.024*	*0.024*	*0.022*	*0.022*	*0.025*	*0.026*	*0.023*	**0.091**	*0.092*	*0.096*
Wind	**0.125**	**0.150**	**0.096**	**0.146**	**0.163**	*0.170*	*0.128*	*0.137*	*0.203*	*0.217*	*0.167*	*0.169*	**0.516**	*0.598*	*0.757*
Wood	**0.507**	**0.506**	**0.521**	**0.507**	**0.479**	*0.483*	*0.524*	*0.519*	*0.505*	*0.494*	*0.533*	*0.525*	**2.041**	*2.005*	*2.057*
Ethanol (b)	**0.171**	**0.187**	**0.206**	**0.214**	**0.204**	*0.208*	*0.217*	*0.224*	*0.224*	*0.231*	*0.236*	*0.237*	**0.778**	*0.852*	*0.929*
Biodiesel (b)	**0.018**	**0.022**	**0.025**	**0.022**	**0.014**	*0.007*	*0.007*	*0.007*	*0.007*	*0.007*	*0.007*	*0.007*	**0.087**	*0.036*	*0.028*
Other Renewables	**0.110**	**0.108**	**0.107**	**0.106**	**0.105**	*0.112*	*0.117*	*0.110*	*0.119*	*0.126*	*0.126*	*0.118*	**0.431**	*0.443*	*0.488*
Total	**1.628**	**1.841**	**1.673**	**1.612**	**1.734**	*1.818*	*1.705*	*1.660*	*1.849*	*1.956*	*1.799*	*1.724*	**6.754**	*6.916*	*7.328*
Consumption															
Electric Power Sector															
Hydroelectric Power (a)	**0.586**	**0.751**	**0.600**	**0.504**	**0.656**	*0.721*	*0.591*	*0.545*	*0.669*	*0.759*	*0.606*	*0.546*	**2.441**	*2.514*	*2.580*
Geothermal	**0.074**	**0.079**	**0.081**	**0.079**	**0.076**	*0.077*	*0.082*	*0.081*	*0.080*	*0.081*	*0.084*	*0.084*	**0.312**	*0.316*	*0.329*
Solar	**0.001**	**0.003**	**0.003**	**0.001**	**0.001**	*0.003*	*0.003*	*0.001*	*0.002*	*0.004*	*0.005*	*0.002*	**0.008**	*0.008*	*0.012*
Wind	**0.125**	**0.150**	**0.096**	**0.146**	**0.163**	*0.170*	*0.128*	*0.137*	*0.203*	*0.217*	*0.167*	*0.169*	**0.516**	*0.598*	*0.757*
Wood	**0.047**	**0.041**	**0.047**	**0.045**	**0.047**	*0.042*	*0.050*	*0.048*	*0.048*	*0.043*	*0.051*	*0.049*	**0.181**	*0.187*	*0.191*
Other Renewables	**0.061**	**0.061**	**0.060**	**0.059**	**0.059**	*0.062*	*0.068*	*0.068*	*0.069*	*0.072*	*0.077*	*0.075*	**0.242**	*0.257*	*0.293*
Subtotal	**0.894**	**1.085**	**0.888**	**0.834**	**0.998**	*1.074*	*0.922*	*0.880*	*1.071*	*1.176*	*0.989*	*0.925*	**3.700**	*3.874*	*4.162*
Industrial Sector															
Hydroelectric Power (a)	**0.007**	**0.005**	**0.004**	**0.004**	**0.006**	*0.004*	*0.003*	*0.004*	*0.006*	*0.005*	*0.003*	*0.004*	**0.019**	*0.017*	*0.018*
Geothermal	**0.001**	**0.001**	**0.001**	**0.001**	**0.001**	*0.001*	*0.001*	*0.001*	*0.001*	*0.001*	*0.001*	*0.001*	**0.005**	*0.005*	*0.005*
Wood and Wood Waste	**0.320**	**0.325**	**0.332**	**0.321**	**0.290**	*0.300*	*0.333*	*0.327*	*0.315*	*0.310*	*0.340*	*0.332*	**1.298**	*1.250*	*1.297*
Other Renewables	**0.040**	**0.039**	**0.039**	**0.039**	**0.041**	*0.041*	*0.040*	*0.034*	*0.042*	*0.044*	*0.040*	*0.034*	**0.157**	*0.156*	*0.161*
Subtotal	**0.371**	**0.374**	**0.380**	**0.368**	**0.341**	*0.351*	*0.382*	*0.370*	*0.368*	*0.363*	*0.390*	*0.376*	**1.492**	*1.444*	*1.497*
Commercial Sector															
Hydroelectric Power (a)	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	*0.000*	*0.000*	*0.000*	*0.000*	*0.000*	*0.000*	*0.000*	**0.001**	*0.001*	*0.001*
Geothermal	**0.004**	**0.004**	**0.004**	**0.004**	**0.004**	*0.004*	*0.004*	*0.004*	*0.004*	*0.004*	*0.004*	*0.004*	**0.015**	*0.015*	*0.015*
Wood and Wood Waste	**0.018**	**0.018**	**0.018**	**0.018**	**0.020**	*0.018*	*0.018*	*0.020*	*0.020*	*0.018*	*0.018*	*0.021*	**0.072**	*0.076*	*0.076*
Other Renewables	**0.008**	**0.008**	**0.008**	**0.008**	**0.008**	*0.009*	*0.009*	*0.008*	*0.008*	*0.009*	*0.009*	*0.008*	**0.032**	*0.034*	*0.034*
Subtotal	**0.031**	**0.031**	**0.030**	**0.030**	**0.032**	*0.032*	*0.031*	*0.033*	*0.032*	*0.032*	*0.032*	*0.033*	**0.123**	*0.128*	*0.130*
Residential Sector															
Geothermal	**0.007**	**0.007**	**0.007**	**0.007**	**0.007**	*0.007*	*0.007*	*0.007*	*0.007*	*0.007*	*0.007*	*0.007*	**0.026**	*0.027*	*0.027*
Biomass	**0.122**	**0.122**	**0.123**	**0.123**	**0.124**	*0.123*	*0.123*	*0.123*	*0.123*	*0.123*	*0.123*	*0.123*	**0.490**	*0.493*	*0.493*
Solar	**0.021**	**0.021**	**0.021**	**0.021**	**0.021**	*0.021*	*0.021*	*0.021*	*0.021*	*0.021*	*0.021*	*0.021*	**0.083**	*0.083*	*0.083*
Subtotal	**0.149**	**0.149**	**0.151**	**0.151**	**0.151**	*0.151*	*0.151*	*0.151*	*0.151*	*0.151*	*0.151*	*0.151*	**0.599**	*0.603*	*0.603*
Transportation Sector															
Ethanol (b)	**0.172**	**0.198**	**0.214**	**0.225**	**0.200**	*0.213*	*0.222*	*0.229*	*0.228*	*0.241*	*0.248*	*0.246*	**0.809**	*0.864*	*0.963*
Biodiesel (b)	**0.008**	**0.005**	**0.014**	**0.014**	**0.003**	*0.006*	*0.007*	*0.007*	*0.007*	*0.007*	*0.007*	*0.007*	**0.041**	*0.023*	*0.028*
Total Consumption	**1.619**	**1.835**	**1.669**	**1.615**	**1.728**	*1.822*	*1.710*	*1.665*	*1.852*	*1.966*	*1.811*	*1.733*	**6.739**	*6.925*	*7.362*

- = 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 - May 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**	**11,327**	*11,230*	*11,191*	*11,192*	*11,223*	*11,306*	*11,380*	*11,483*	**11,652**	*11,235*	*11,348*
Real Disposable Personal Income															
(billion chained 2000 Dollars - SAAR)	**8,668**	**8,891**	**8,696**	**8,754**	**8,861**	*8,999*	*8,956*	*8,936*	*8,874*	*8,929*	*8,965*	*8,952*	**8,752**	*8,938*	*8,930*
Real Fixed Investment															
(billion chained 2000 dollars-SAAR)	**1,762**	**1,755**	**1,731**	**1,627**	**1,466**	*1,379*	*1,325*	*1,312*	*1,324*	*1,348*	*1,389*	*1,449*	**1,719**	*1,371*	*1,378*
Business Inventory Change															
(billion chained 2000 dollars-SAAR)	**13.75**	**-25.98**	**-25.63**	**-0.73**	**-23.51**	*-52.05*	*-48.74*	*-43.70*	*-25.37*	*-13.29*	*-3.57*	*1.35*	**-9.65**	*-42.00*	*-10.22*
Housing Stock															
(millions)	**123.1**	**123.2**	**123.3**	**123.4**	**123.5**	*123.5*	*123.5*	*123.5*	*123.5*	*123.5*	*123.6*	*123.6*	**123.4**	*123.5*	*123.6*
Non-Farm Employment															
(millions)	**137.9**	**137.5**	**137.0**	**135.7**	**133.7**	*132.3*	*131.3*	*130.7*	*130.5*	*130.6*	*130.7*	*131.0*	**137.0**	*132.0*	*130.7*
Commercial Employment															
(millions)	**91.8**	**91.6**	**91.3**	**90.6**	**89.5**	*88.8*	*88.6*	*88.5*	*88.5*	*88.8*	*89.2*	*89.8*	**91.3**	*88.8*	*89.1*
Industrial Production Indices (Index, 2002=100)															
Total Industrial Production	**112.0**	**110.7**	**108.1**	**104.5**	**99.2**	*97.9*	*96.9*	*96.2*	*95.8*	*95.9*	*96.6*	*97.5*	**108.8**	*97.5*	*96.5*
Manufacturing	**114.1**	**112.6**	**109.9**	**104.7**	**98.2**	*96.8*	*95.7*	*94.8*	*94.5*	*94.7*	*95.6*	*96.9*	**110.4**	*96.4*	*95.4*
Food	**111.7**	**111.6**	**110.5**	**110.7**	**109.0**	*109.2*	*109.3*	*109.5*	*109.8*	*110.2*	*110.8*	*111.5*	**111.2**	*109.3*	*110.6*
Paper	**94.8**	**94.9**	**93.2**	**85.7**	**80.0**	*77.2*	*76.5*	*76.5*	*76.6*	*76.9*	*77.4*	*78.1*	**92.1**	*77.6*	*77.3*
Chemicals	**113.3**	**111.8**	**107.1**	**103.2**	**99.2**	*97.5*	*97.2*	*97.4*	*97.7*	*98.0*	*98.7*	*99.7*	**108.8**	*97.8*	*98.5*
Petroleum	**111.3**	**112.0**	**106.8**	**109.9**	**107.5**	*107.0*	*106.8*	*106.5*	*106.3*	*106.5*	*107.1*	*107.7*	**110.0**	*107.0*	*106.9*
Stone, Clay, Glass	**104.2**	**102.3**	**101.1**	**95.1**	**85.9**	*81.1*	*79.3*	*79.2*	*79.5*	*80.6*	*82.1*	*84.2*	**100.7**	*81.4*	*81.6*
Primary Metals	**111.9**	**108.5**	**106.9**	**83.0**	**65.2**	*63.7*	*62.9*	*62.9*	*62.6*	*63.2*	*65.3*	*67.7*	**102.6**	*63.7*	*64.7*
Resins and Synthetic Products	**104.5**	**103.7**	**92.0**	**86.8**	**77.0**	*76.7*	*76.6*	*76.8*	*77.0*	*77.9*	*78.8*	*80.4*	**96.8**	*76.8*	*78.5*
Agricultural Chemicals	**109.4**	**109.3**	**106.3**	**89.9**	**80.9**	*82.1*	*83.6*	*84.6*	*86.3*	*87.0*	*88.8*	*90.6*	**103.7**	*82.8*	*88.1*
Natural Gas-weighted (a)	**109.2**	**108.0**	**103.2**	**95.8**	**88.3**	*86.9*	*86.6*	*86.7*	*86.9*	*87.5*	*88.5*	*89.9*	**104.1**	*87.1*	*88.2*
Price Indexes															
Consumer Price Index															
(index, 1982-1984=1.00)	**2.13**	**2.15**	**2.19**	**2.14**	**2.13**	*2.13*	*2.14*	*2.15*	*2.17*	*2.17*	*2.18*	*2.20*	**2.15**	*2.14*	*2.18*
Producer Price Index: All Commodities															
(index, 1982=1.00)	**1.85**	**1.94**	**2.00**	**1.79**	**1.70**	*1.67*	*1.66*	*1.68*	*1.70*	*1.70*	*1.71*	*1.74*	**1.90**	*1.68*	*1.71*
Producer Price Index: Petroleum															
(index, 1982=1.00)	**2.58**	**3.18**	**3.28**	**1.84**	**1.37**	*1.56*	*1.60*	*1.60*	*1.65*	*1.72*	*1.73*	*1.72*	**2.72**	*1.53*	*1.70*
GDP Implicit Price Deflator															
(index, 2000=100)	**121.6**	**122.0**	**123.1**	**123.3**	**124.3**	*124.2*	*124.4*	*125.0*	*125.7*	*125.7*	*126.1*	*126.8*	**122.5**	*124.5*	*126.1*
Miscellaneous															
Vehicle Miles Traveled (b)															
(million miles/day)	**7,640**	**8,323**	**8,141**	**7,865**	**7,630**	*8,333*	*8,201*	*7,875*	*7,716*	*8,388*	*8,253*	*7,954*	**7,992**	*8,011*	*8,079*
Air Travel Capacity															
(Available ton-miles/day, thousands)	**542**	**556**	**543**	**510**	**467**	*477*	*502*	*505*	*488*	*495*	*514*	*511*	**538**	*488*	*502*
Aircraft Utilization															
(Revenue ton-miles/day, thousands)	**323**	**347**	**338**	**298**	**273**	*295*	*310*	*306*	*287*	*308*	*322*	*314*	**326**	*296*	*308*
Airline Ticket Price Index															
(index, 1982-1984=100)	**263.5**	**288.1**	**305.6**	**270.7**	**252.7**	*257.0*	*272.8*	*272.4*	*271.5*	*272.3*	*284.9*	*282.7*	**282.0**	*263.7*	*277.9*
Raw Steel Production															
(million short tons per day)	**0.302**	**0.303**	**0.298**	**0.200**	**0.146**	*0.140*	*0.151*	*0.160*	*0.136*	*0.135*	*0.151*	*0.133*	**0.276**	*0.149*	*0.139*

- = 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 - May 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	**642**	**647**	**646**	**635**	**624**	*619*	*617*	*617*	*619*	*623*	*626*	*632*	**642**	*619*	*625*
Middle Atlantic	**1,798**	**1,809**	**1,807**	**1,777**	**1,744**	*1,727*	*1,720*	*1,719*	*1,721*	*1,730*	*1,739*	*1,752*	**1,798**	*1,728*	*1,736*
E. N. Central	**1,639**	**1,647**	**1,643**	**1,615**	**1,588**	*1,572*	*1,564*	*1,561*	*1,561*	*1,568*	*1,570*	*1,581*	**1,636**	*1,571*	*1,570*
W. N. Central	**734**	**738**	**738**	**726**	**715**	*711*	*709*	*709*	*711*	*716*	*720*	*726*	**734**	*711*	*718*
S. Atlantic	**2,138**	**2,149**	**2,144**	**2,105**	**2,068**	*2,051*	*2,043*	*2,043*	*2,050*	*2,067*	*2,082*	*2,104*	**2,134**	*2,051*	*2,076*
E. S. Central	**549**	**551**	**551**	**542**	**533**	*529*	*527*	*527*	*528*	*531*	*535*	*539*	**548**	*529*	*533*
W. S. Central	**1,261**	**1,276**	**1,280**	**1,271**	**1,252**	*1,244*	*1,243*	*1,246*	*1,251*	*1,262*	*1,273*	*1,285*	**1,272**	*1,246*	*1,268*
Mountain	**764**	**771**	**770**	**755**	**742**	*736*	*734*	*734*	*735*	*741*	*746*	*753*	**765**	*736*	*744*
Pacific	**2,053**	**2,069**	**2,066**	**2,029**	**1,994**	*1,975*	*1,968*	*1,971*	*1,981*	*2,002*	*2,022*	*2,045*	**2,054**	*1,977*	*2,012*
Industrial Output, Manufacturing (Index, Year 1997=100)															
New England	**110.1**	**109.2**	**106.8**	**102.1**	**95.4**	*93.9*	*92.7*	*91.6*	*91.4*	*91.7*	*92.4*	*93.5*	**107.1**	*93.4*	*92.2*
Middle Atlantic	**107.4**	**105.9**	**103.1**	**98.5**	**92.4**	*91.2*	*89.9*	*88.9*	*88.4*	*88.4*	*89.1*	*90.1*	**103.7**	*90.6*	*89.0*
E. N. Central	**111.6**	**109.9**	**107.4**	**101.7**	**94.4**	*92.8*	*90.9*	*89.8*	*88.8*	*88.5*	*89.2*	*90.2*	**107.6**	*92.0*	*89.2*
W. N. Central	**123.6**	**122.1**	**119.1**	**114.2**	**106.8**	*105.9*	*105.2*	*104.7*	*104.3*	*104.5*	*105.5*	*106.8*	**119.7**	*105.6*	*105.3*
S. Atlantic	**110.2**	**108.1**	**104.9**	**99.7**	**93.3**	*92.0*	*90.6*	*89.7*	*89.3*	*89.4*	*90.1*	*91.3*	**105.7**	*91.4*	*90.0*
E. S. Central	**115.4**	**113.7**	**110.8**	**104.9**	**98.1**	*96.5*	*95.0*	*93.8*	*93.2*	*93.2*	*94.1*	*95.5*	**111.2**	*95.9*	*94.0*
W. S. Central	**123.5**	**122.3**	**120.0**	**115.3**	**108.1**	*106.7*	*105.5*	*104.5*	*104.2*	*104.5*	*105.5*	*106.8*	**120.3**	*106.2*	*105.3*
Mountain	**128.1**	**126.4**	**123.2**	**117.7**	**110.6**	*109.3*	*108.7*	*108.2*	*108.5*	*109.2*	*110.5*	*112.3*	**123.8**	*109.2*	*110.1*
Pacific	**117.8**	**116.5**	**113.8**	**108.2**	**102.7**	*101.4*	*100.7*	*100.3*	*100.7*	*101.5*	*102.7*	*104.1*	**114.1**	*101.3*	*102.2*
Real Personal Income (Billion $2000)															
New England	**575**	**574**	**570**	**575**	**571**	*575*	*570*	*567*	*566*	*569*	*570*	*570*	**574**	*571*	*569*
Middle Atlantic	**1,548**	**1,545**	**1,532**	**1,548**	**1,530**	*1,539*	*1,528*	*1,523*	*1,523*	*1,530*	*1,532*	*1,530*	**1,543**	*1,530*	*1,529*
E. N. Central	**1,425**	**1,432**	**1,416**	**1,423**	**1,423**	*1,432*	*1,421*	*1,414*	*1,411*	*1,416*	*1,416*	*1,413*	**1,424**	*1,422*	*1,414*
W. N. Central	**630**	**633**	**625**	**631**	**629**	*634*	*629*	*627*	*626*	*629*	*629*	*628*	**630**	*630*	*628*
S. Atlantic	**1,839**	**1,852**	**1,828**	**1,844**	**1,842**	*1,857*	*1,845*	*1,839*	*1,839*	*1,851*	*1,860*	*1,862*	**1,841**	*1,846*	*1,853*
E. S. Central	**485**	**492**	**484**	**488**	**488**	*492*	*489*	*487*	*486*	*489*	*490*	*490*	**487**	*489*	*489*
W. S. Central	**1,078**	**1,093**	**1,081**	**1,097**	**1,097**	*1,109*	*1,103*	*1,101*	*1,103*	*1,111*	*1,117*	*1,119*	**1,087**	*1,103*	*1,112*
Mountain	**644**	**646**	**639**	**644**	**644**	*649*	*645*	*644*	*644*	*648*	*650*	*651*	**643**	*645*	*648*
Pacific	**1,693**	**1,703**	**1,689**	**1,702**	**1,699**	*1,712*	*1,700*	*1,695*	*1,696*	*1,709*	*1,717*	*1,721*	**1,697**	*1,701*	*1,711*
Households (Thousands)															
New England	**5,468**	**5,471**	**5,471**	**5,478**	**5,479**	*5,481*	*5,486*	*5,491*	*5,498*	*5,507*	*5,515*	*5,523*	**5,478**	*5,491*	*5,523*
Middle Atlantic	**15,151**	**15,164**	**15,165**	**15,186**	**15,188**	*15,185*	*15,189*	*15,194*	*15,205*	*15,224*	*15,243*	*15,265*	**15,186**	*15,194*	*15,265*
E. N. Central	**17,855**	**17,877**	**17,887**	**17,924**	**17,941**	*17,951*	*17,954*	*17,956*	*17,950*	*17,983*	*18,010*	*18,036*	**17,924**	*17,956*	*18,036*
W. N. Central	**7,982**	**7,995**	**8,002**	**8,021**	**8,032**	*8,040*	*8,053*	*8,065*	*8,080*	*8,098*	*8,115*	*8,134*	**8,021**	*8,065*	*8,134*
S. Atlantic	**22,191**	**22,247**	**22,293**	**22,364**	**22,410**	*22,454*	*22,515*	*22,573*	*22,643*	*22,722*	*22,802*	*22,884*	**22,364**	*22,573*	*22,884*
E. S. Central	**6,994**	**7,009**	**7,019**	**7,038**	**7,049**	*7,059*	*7,074*	*7,081*	*7,097*	*7,116*	*7,142*	*7,167*	**7,038**	*7,081*	*7,167*
W. S. Central	**12,451**	**12,493**	**12,528**	**12,578**	**12,614**	*12,647*	*12,687*	*12,726*	*12,768*	*12,816*	*12,863*	*12,906*	**12,578**	*12,726*	*12,906*
Mountain	**7,836**	**7,865**	**7,891**	**7,921**	**7,946**	*7,968*	*7,988*	*8,015*	*8,040*	*8,081*	*8,122*	*8,160*	**7,921**	*8,015*	*8,160*
Pacific	**16,964**	**17,010**	**17,043**	**17,102**	**17,142**	*17,175*	*17,216*	*17,259*	*17,308*	*17,367*	*17,427*	*17,489*	**17,102**	*17,259*	*17,489*
Total Non-farm Employment (Millions)															
New England	**7.0**	**7.0**	**7.0**	**6.9**	**6.8**	*6.8*	*6.7*	*6.7*	*6.7*	*6.7*	*6.6*	*6.7*	**7.0**	*6.7*	*6.7*
Middle Atlantic	**18.6**	**18.6**	**18.5**	**18.4**	**18.0**	*17.8*	*17.7*	*17.6*	*17.6*	*17.6*	*17.5*	*17.6*	**18.5**	*17.8*	*17.5*
E. N. Central	**21.5**	**21.4**	**21.3**	**21.0**	**20.7**	*20.5*	*20.3*	*20.2*	*20.2*	*20.1*	*20.1*	*20.1*	**21.3**	*20.4*	*20.1*
W. N. Central	**10.2**	**10.2**	**10.2**	**10.1**	**10.0**	*9.9*	*9.8*	*9.8*	*9.7*	*9.7*	*9.7*	*9.7*	**10.2**	*9.8*	*9.7*
S. Atlantic	**26.6**	**26.5**	**26.3**	**26.0**	**25.6**	*25.3*	*25.2*	*25.0*	*25.0*	*25.1*	*25.1*	*25.2*	**26.3**	*25.3*	*25.1*
E. S. Central	**7.8**	**7.8**	**7.8**	**7.7**	**7.6**	*7.5*	*7.4*	*7.4*	*7.4*	*7.4*	*7.4*	*7.4*	**7.8**	*7.5*	*7.4*
W. S. Central	**15.2**	**15.3**	**15.3**	**15.3**	**15.1**	*14.9*	*14.8*	*14.8*	*14.8*	*14.8*	*14.8*	*14.9*	**15.3**	*14.9*	*14.8*
Mountain	**9.8**	**9.8**	**9.7**	**9.6**	**9.5**	*9.4*	*9.3*	*9.3*	*9.3*	*9.3*	*9.3*	*9.3*	**9.7**	*9.3*	*9.3*
Pacific	**20.8**	**20.7**	**20.6**	**20.4**	**20.2**	*19.9*	*19.8*	*19.7*	*19.7*	*19.7*	*19.8*	*19.9*	**20.6**	*19.9*	*19.8*

- = 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 - May 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**	**2,297**	**3,386**	*857*	*180*	*2,263*	*3,215*	*930*	*192*	*2,254*	**6,411**	*6,686*	*6,591*
Middle Atlantic	**2,814**	**674**	**78**	**2,084**	**3,030**	*705*	*124*	*2,060*	*2,953*	*751*	*126*	*2,046*	**5,650**	*5,919*	*5,877*
E. N. Central	**3,365**	**777**	**102**	**2,438**	**3,287**	*789*	*156*	*2,312*	*3,176*	*796*	*159*	*2,299*	**6,683**	*6,544*	*6,430*
W. N. Central	**3,540**	**852**	**146**	**2,605**	**3,341**	*786*	*184*	*2,489*	*3,248*	*729*	*181*	*2,496*	**7,144**	*6,800*	*6,654*
South Atlantic	**1,452**	**234**	**13**	**1,088**	**1,553**	*250*	*25*	*1,056*	*1,503*	*247*	*23*	*1,041*	**2,786**	*2,884*	*2,815*
E. S. Central	**1,914**	**283**	**11**	**1,443**	**1,806**	*313*	*33*	*1,372*	*1,847*	*297*	*32*	*1,361*	**3,650**	*3,524*	*3,537*
W. S. Central	**1,212**	**101**	**9**	**876**	**1,069**	*137*	*9*	*882*	*1,207*	*111*	*7*	*879*	**2,198**	*2,097*	*2,204*
Mountain	**2,409**	**765**	**149**	**1,800**	**2,159**	*736*	*175*	*1,955*	*2,306*	*735*	*174*	*1,942*	**5,122**	*5,025*	*5,156*
Pacific	**1,496**	**543**	**77**	**1,033**	**1,409**	*583*	*105*	*1,145*	*1,419*	*554*	*99*	*1,120*	**3,149**	*3,242*	*3,193*
U.S. Average	**2,251**	**528**	**70**	**1,647**	**2,235**	*542*	*100*	*1,632*	*2,211*	*542*	*100*	*1,620*	**4,496**	*4,509*	*4,472*
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**	*78*	*359*	*0*	*0*	*69*	*360*	*1*	**496**	*437*	*430*
Middle Atlantic	**0**	**204**	**540**	**0**	**0**	*159*	*518*	*5*	*0*	*140*	*511*	*5*	**744**	*682*	*656*
E. N. Central	**0**	**198**	**497**	**3**	**0**	*205*	*502*	*8*	*1*	*197*	*517*	*8*	**697**	*715*	*723*
W. N. Central	**0**	**229**	**612**	**3**	**0**	*259*	*646*	*12*	*3*	*263*	*657*	*15*	**844**	*917*	*939*
South Atlantic	**122**	**626**	**1,073**	**172**	**84**	*586*	*1,082*	*210*	*115*	*566*	*1,093*	*222*	**1,993**	*1,962*	*1,996*
E. S. Central	**17**	**501**	**1,000**	**41**	**6**	*473*	*997*	*62*	*32*	*458*	*1,005*	*65*	**1,559**	*1,538*	*1,561*
W. S. Central	**81**	**890**	**1,370**	**176**	**103**	*814*	*1,422*	*177*	*85*	*778*	*1,429*	*189*	**2,518**	*2,516*	*2,481*
Mountain	**17**	**423**	**969**	**72**	**11**	*371*	*833*	*60*	*15*	*371*	*849*	*77*	**1,482**	*1,275*	*1,312*
Pacific	**6**	**187**	**606**	**61**	**0**	*156*	*512*	*41*	*7*	*151*	*537*	*55*	**860**	*709*	*750*
U.S. Average	**35**	**385**	**789**	**69**	**27**	*354*	*771*	*76*	*35*	*341*	*782*	*83*	**1,277**	*1,228*	*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.