

Short-Term Energy Outlook

September 9, 2009 Release

Highlights

- Volatility persists for crude oil spot prices, although over narrower ranges than seen earlier this year and last year. EIA expects the price of West Texas Intermediate (WTI) crude oil to average about \$70 per barrel in the fourth quarter of 2009, a \$27-increase over the first quarter of the year. The forecast for average WTI prices rises gradually to about \$75 per barrel by December 2010 as world economic conditions improve.
- EIA expects the monthly average regular-grade gasoline retail price to fall from \$2.62 per gallon in August and September to an average of \$2.56 per gallon over the fourth quarter of 2009. Higher crude oil prices next year contribute to an increase in the annual average gasoline retail price from \$2.34 per gallon in 2009 to \$2.70 in 2010. Projected annual average diesel fuel retail prices are \$2.47 and \$2.88 per gallon in 2009 and 2010, respectively.
- EIA projects the monthly Henry Hub natural gas spot price to average \$2.32 per thousand cubic feet (Mcf) in October, the lowest monthly average spot price since September 2001. Natural gas inventories likely will set a new record high at the end of this year's injection season (October 31) reaching more than 3.8 trillion cubic feet (Tcf). The projected Henry Hub annual average spot price increases from \$3.65 per Mcf in 2009 to \$4.78 in 2010. However, upward price pressure next year is limited by the sensitivity of natural gas use in the electric power sector to higher natural gas prices and continued expansion of U.S. natural gas production from shale formations.
- EIA expects electricity retail prices to show year-over-year declines next year for the first time since early 2003 because of lower fossil fuel costs for generation. The projected annual average 2010 residential electricity price of 11.4 cents per kilowatthour is about 2 percent lower than the 2009 average.

Global Petroleum

Global Petroleum Overview. WTI oil prices hovered in the \$67-to-\$74-per-barrel range in August as expectations of an economic recovery and higher oil consumption in the future were weighed against weak current demand and high inventories. As long as oil prices remain in their current range, EIA expects the Organization of the Petroleum Exporting Countries (OPEC) to maintain its existing production targets.

Global Petroleum Consumption. Preliminary data indicate that global oil consumption declined by 3 million barrels per day (bbl/d) in the second quarter of 2009 compared with year-earlier levels. Members of the Organization for Economic Cooperation and Development (OECD) accounted for most of the decline; total non-OECD consumption was virtually unchanged. The current macroeconomic outlook assumes that the world economy begins to recover at the end of this year, led by non-OECD Asia. As a result, EIA expects world oil consumption to grow in the fourth quarter of 2009 compared with year-earlier levels, the first such growth in 5 quarters. Projected world oil consumption grows by 0.9 million bbl/d in 2010, with relatively strong growth in non-OECD countries being partially offset by a slight decline in OECD consumption ([World Liquid Fuels Consumption Chart](#)).

Non-OPEC Supply. Total non-OPEC supply averaged 50.1 million bbl/d in the second quarter of 2009, about 0.3 million bbl/d higher than in the second quarter of 2008. The largest amount of growth came from Central and South America (0.3 million bbl/d) and the Former Soviet Union (0.3 million bbl/d), which was offset by a 0.3 million bbl/d decline in Europe. Over the forecast period, higher output from Brazil, the United States, Azerbaijan, Kazakhstan, and Canada offsets falling production in Mexico and the North Sea ([Non-OPEC Crude Oil and Liquid Fuels Production Growth Chart](#)).

OPEC Supply. OPEC crude oil production was 28.7 million bbl/d in the second quarter of 2009, similar to first quarter levels, but down 3 million bbl/d from peak production in the third quarter of 2008. The combination of higher prices and OPEC's historical tendency for weaker compliance with production targets over time (see [This Week in Petroleum](#), August 12, 2009) suggests that OPEC crude oil production could rise over the remainder of the year, unless prices fall sharply from current levels. Projected OPEC crude oil production climbs to 29.3 million bbl/d in the second half of 2009, then averages 28.9 million bbl/d in 2010.

Global Petroleum Inventories. Based on preliminary data, OECD commercial oil inventories stood at 2.74 billion barrels at the end of the second quarter of 2009. At 61 days of forward cover, OECD commercial inventories were well above average levels

for that time of year ([Days of Supply of OECD Commercial Stocks Chart](#)). EIA expects OECD oil inventories to remain at above-average levels throughout the forecast period because of weakness in global oil consumption and continuing contango in the futures market, i.e., relatively high future prices compared with current prices.

Crude Oil Prices. Equity-market and exchange-rate expectations continue to be cited by market analysts as proximate causes of oil-price behavior, in addition to changing expectations of global oil consumption growth. EIA projects that WTI crude oil prices will average \$69 per barrel in the second half of 2009, \$19 per barrel lower than in the second half of 2008 ([Crude Oil Prices Chart](#)). This projection is largely unchanged from last month's *Outlook* and reflects the view that an expected economic upturn will restore oil demand growth and gradually work off the surplus oil inventories. Although a consensus seems to be forming that the global economic downturn may have bottomed out, there still remains considerable uncertainty regarding the timing and pattern of any economic recovery.

U.S. Crude Oil and Liquid Fuels

U.S. Petroleum Consumption. EIA forecasts total consumption of liquid fuels and other petroleum products to decrease by about 800,000 bbl/d (4 percent) in 2009 ([U.S. Petroleum Products Consumption Growth Chart](#)) compared with 2008. During the first half of the year, consumption declined by almost 1.25 million barrels per day (6.3 percent) from the same period last year, one of the steepest declines on record. The year-over-year projected decline in petroleum consumption slows to 300,000 barrels per day (1.6 percent) in the second half of 2009 as economic recovery begins to take hold. Monthly average motor gasoline consumption in June showed an increase over the same month from the prior year for the first time since September 2007 and continues to grow over year-ago levels through the forecast. The modest economic recovery projected for 2010 contributes to a 260,000-bbl/d (1.4 percent) increase in total liquid fuels consumption, led by increases of 110,000 bbl/d (2.9 percent) in distillate consumption, 60,000 bbl/d (0.6 percent) in motor gasoline consumption, and 10,000 bbl/d (0.7 percent) in jet fuel consumption.

U.S. Petroleum Supply. EIA projects total U.S. crude oil production to average 5.24 million barrels per day in 2009 and increase to an average of 5.30 million bbl/d in 2010 ([U.S. Crude Oil Production Chart](#)). Crude oil production from the new Thunder Horse, Tahiti, Shenzi, and Atlantis Federal offshore fields accounts for about 14 percent of Lower-48 crude oil production in the fourth quarter of 2010.

U.S. Petroleum Product Prices. EIA expects the monthly average regular-grade gasoline retail price to fall from \$2.62 per gallon in August and September to an average \$2.56 per gallon over the last 3 months of the year. Higher projected crude oil prices in 2010 (about \$12 per barrel, or 29 cents per gallon, higher than the 2009 average) increase regular-grade gasoline prices to an average of \$2.70 per gallon next year. Projected diesel fuel retail prices, which averaged \$2.63 per gallon in August, increase over the next few months to average \$2.74 during the fourth quarter of 2009 as the winter heating fuel season begins.

Natural Gas

U.S. Consumption. EIA projects that total natural gas consumption will likely decline by 2.4 percent in 2009 and remain flat in 2010 ([Total U.S. Natural Gas Consumption Growth Chart](#)). Despite low relative prices for much of the year, industrial natural gas consumption declined by 12 percent in the first 6 months of 2009 compared with the same period last year. EIA expects this year-over-year consumption decline will continue through the second half of the year for industrial users, although the trend will be less pronounced. Conversely, EIA expects natural gas use in the electric power sector will increase by 4.3 percent on a year-over-year basis during the second half of 2009 as natural gas continues to compete with coal for a share of the baseload power supply at current prices.

EIA expects natural gas consumption will increase slightly in the commercial and industrial sectors in 2010 as a result of improved economic conditions and low prices. Consumption remains relatively flat in the residential and electric power sectors next year. The anticipated addition of new coal-fired generating capacity and rising natural gas prices limits the potential for significant increases beyond the forecast 2009 level in natural gas consumption by electric generators.

U.S. Production and Imports. EIA expects total U.S. marketed natural gas production to increase by 0.9 percent in 2009 and fall by 3.5 percent in 2010. Despite a 20-percent drop in prices and a 45-percent drop in working natural gas drilling rigs since the start of the year, total natural gas production increased slightly from January to June 2009. This current production trend reflects significant improvements in horizontal drilling technology and robust productivity from shale gas discoveries in Louisiana, Oklahoma, Arkansas, and Pennsylvania. While lower prices have caused a reduction in drilling activity by all rig types, according to data compiled by Smith International, working horizontal rigs have fallen by only 27 percent since the start of the year compared with a 65-percent decrease among vertically-directed rigs. Working horizontal drilling rigs now represent more than half of the active natural gas drilling fleet.

As U.S. natural gas inventories swell to record-high levels, some curtailment of production is expected. The sustained reduction in drilling activity and production curtailments are projected to result in a 5.7-percent decline in marketed production from the Lower-48 non-Gulf of Mexico (GOM) between the first and second half of the year. The projected 1.3-percent increase in Federal GOM production during the second half of 2009 over the first half results from the addition of new producing wells and continued recovery from damage sustained during last year's hurricane season.

Projected U.S. liquefied natural gas (LNG) imports increase to about 460 billion cubic feet (Bcf) in 2009 from 350 Bcf in 2008 and rise to about 660 Bcf in 2010. Maintenance to existing LNG supply facilities and delays to new liquefaction projects, in addition to higher world oil prices during the second half of 2009, contribute to the 43-Bcf downward revision in the 2009 LNG import forecast from last month's *Outlook*.

U.S. Inventories. On August 28, 2009, working natural gas in storage was 3,323 Bcf ([U.S. Working Natural Gas in Storage Chart](#)). Current inventories are now 501 Bcf above the 5-year average (2004–2008) and 489 Bcf above the level during the corresponding week last year. While weekly stocks could exceed reported end-of-month levels, EIA now expects working natural gas inventories to reach 3,840 Bcf at the end of the 2009 injection season (October 31). This would be 275 Bcf above the previous record of 3,565 Bcf reported for the end of October 2007. The working gas inventory forecast assumes weekly storage injections will average about 57 Bcf over the next 9 weeks, compared with average storage injections of about 60 Bcf per week over this period during the previous 5 years.

U.S. Prices. The Henry Hub spot price averaged \$3.23 per Mcf in August, \$0.25 per Mcf below the average spot price in July. Prices continue to be pushed lower as robust production adds to already high inventories. As electric power demand for air conditioning wanes, a continuation of recent natural gas supply trends could cause spot natural gas prices to fall below current projections before cooler temperatures induce higher demand for space heating. In the projections, prices rise modestly in 2010, reflecting increased economic activity and lower production levels as a result of the current drilling pullback. However, it will take some time to work off current inventory levels and enhanced production capabilities should limit significant increases in prices throughout the forecast period. On an annual basis, the projected Henry Hub spot price averages \$3.65 Mcf in 2009 and \$4.78 Mcf in 2010.

Electricity

U.S. Electricity Consumption. Total U.S. electricity consumption fell by 4.4 percent during the first half of the year compared with the same period in 2008, primarily because of the effect of the economic downturn on industrial electricity sales. The expected year-over-year decline in total consumption during the second half of 2009 is smaller, a 2.3-percent decline, as residential sales begin to recover ([U.S. Total Electricity Consumption Chart](#)).

U.S. Electricity Generation. While generation from coal fell by 12 percent in the first half of the year compared with the same period in 2008, natural gas generation has risen by 3 percent. Lower coal prices relative to natural gas prices next year and the planned addition of up to 10 gigawatts of coal capacity during 2009 and 2010 could mitigate or reverse the fuel-switching trend.

U.S. Retail Electricity Prices. EIA significantly lowered its electricity retail price projections through 2010 from last month's *Outlook* due to the dramatic decline in natural gas fuel costs for power generation ([U.S. Residential Electricity Prices Chart](#)). Although retail residential prices during the first half of this year are up by 5 percent from the same period last year, EIA expects prices during the second half will show little change from the second half of last year. The projected annual average 2010 residential electricity price of 11.4 cents per kilowatthour is about 2 percent lower than the 2009 price.

Coal

U.S. Coal Consumption. Electric-power-sector coal consumption fell by 11 percent in the first half of this year. The decline resulted from lower total electricity generation combined with increases in generation from natural gas, nuclear, hydropower, and wind. Coal is expected to regain a larger share of the baseload generation mix beginning in 2010, as natural gas prices begin to rise. Projected coal consumption in the electric power sector increases by almost 2 percent in 2010 but remains below the 1-billion short-ton level for the second consecutive year. Coal consumed for steam (retail and general industry) and coke production declined by 15 percent in the first quarter of 2009 compared with the first quarter of last year. In the forecast, lower consumption of coal in both sectors continues for the remainder of the year, followed by a combined increase in coal consumed by these sectors of more than 5 percent in 2010 ([U.S. Coal Consumption Growth Chart](#)).

U.S. Coal Supply. Coal production for the first 6 months of 2009 fell by more than 5 percent in response to lower U.S. coal consumption, fewer exports, and higher coal

inventories; these conditions persist in the forecast for the remainder of 2009. Projected production declines by 1.4 percent in 2010, despite increases in domestic consumption and exports. Reductions in coal inventories and increased imports offset the increase in U.S. coal consumption ([U.S. Annual Coal Production Chart](#)).

U.S. Coal Prices. The monthly average delivered electric-power-sector coal price reached a record high of \$2.29 per million Btu in March 2009. The delivered cost of coal to the electric power sector had continued to rise, despite decreases in spot coal prices, lower prices for other fossil fuels, and declines in demand for coal for electricity generation, because a significant portion of power-sector coal contracts was entered into during a period of high prices for all fuels. The projected average power-sector coal price of \$2.18 per million Btu for September 2009 represents the first decline in price from the same month of the prior year since 2002. Projected power-sector coal prices fall over the forecast to about \$1.95 per million Btu in December 2010.

U.S. Carbon Dioxide Emissions

Projected carbon dioxide (CO₂) emissions from fossil fuels fall by 6.0 percent in 2009 because of the weak economic conditions and declines in the consumption of most fossil fuels ([U.S. Carbon Dioxide Emissions Growth Chart](#)). Coal leads the drop in 2009 CO₂ emissions, falling by nearly 10 percent because of fuel switching from coal to natural gas in the electric power sector. The projected recovery in the economy contributes to an expected 0.9-percent increase in CO₂ emissions in 2010.

Table SF01. U.S. Motor Gasoline Summer Outlook

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

	2008			2009			Year-over-year Change (percent)		
	Q2	Q3	Season	Q2	Q3	Season	Q2	Q3	Season
Prices (dollars per gallon)									
WTI Crude Oil (Spot) ^a	2.95	2.81	2.88	1.42	<i>1.63</i>	<i>1.52</i>	<i>-52.0</i>	<i>-42.1</i>	<i>-47.2</i>
Imported Crude Oil Price ^b	2.76	2.69	2.72	1.37	<i>1.56</i>	<i>1.46</i>	<i>-50.4</i>	<i>-42.0</i>	<i>-46.3</i>
U.S. Refiner Average Crude Oil Cost	2.79	2.74	2.76	1.35	<i>1.57</i>	<i>1.46</i>	<i>-51.4</i>	<i>-42.8</i>	<i>-47.1</i>
Wholesale Gasoline Price ^c	3.15	3.15	3.15	1.76	<i>1.96</i>	<i>1.86</i>	<i>-44.2</i>	<i>-37.8</i>	<i>-41.0</i>
Wholesale Diesel Fuel Price ^c	3.65	3.47	3.56	1.60	<i>1.86</i>	<i>1.73</i>	<i>-56.0</i>	<i>-46.3</i>	<i>-51.3</i>
Regular Gasoline Retail Price ^d	3.76	3.85	3.81	2.32	<i>2.59</i>	<i>2.45</i>	<i>-38.4</i>	<i>-32.9</i>	<i>-35.6</i>
Diesel Fuel Retail Price ^d	4.39	4.34	4.37	2.33	<i>2.62</i>	<i>2.47</i>	<i>-47.0</i>	<i>-39.7</i>	<i>-43.4</i>
Gasoline Consumption/Supply (million barrels per day)									
Total Consumption	9.159	8.932	9.045	9.086	<i>9.119</i>	<i>9.103</i>	<i>-0.8</i>	<i>2.1</i>	<i>0.6</i>
Total Refinery Output ^e	7.341	7.113	7.226	7.595	<i>7.462</i>	<i>7.528</i>	<i>3.5</i>	<i>4.9</i>	<i>4.2</i>
Fuel Ethanol Blending	0.637	0.685	0.661	0.702	<i>0.721</i>	<i>0.712</i>	<i>10.3</i>	<i>5.4</i>	<i>7.8</i>
Total Stock Withdrawal ^f	0.124	0.227	0.176	0.029	<i>0.083</i>	<i>0.056</i>			
Net Imports ^f	1.056	0.908	0.982	0.759	<i>0.853</i>	<i>0.806</i>	<i>-28.1</i>	<i>-6.1</i>	<i>-17.9</i>
Refinery Utilization (percent)	88.2	83.6	85.9	84.1	<i>83.8</i>	<i>84.0</i>			
Gasoline Stocks, Including Blending Components (million barrels)									
Beginning	222.2	210.9	222.2	216.7	<i>214.0</i>	<i>216.7</i>			
Ending	210.9	190.0	190.0	214.0	<i>206.4</i>	<i>206.4</i>			
Economic Indicators (annualized billion 2000 dollars)									
Real GDP	11,727	11,712	11,720	11,298	<i>11,307</i>	<i>11,303</i>	<i>-3.7</i>	<i>-3.5</i>	<i>-3.6</i>
Real Income	8,891	8,696	8,794	9,025	<i>8,923</i>	<i>8,974</i>	<i>1.5</i>	<i>2.6</i>	<i>2.0</i>

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

GDP = gross domestic product.

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

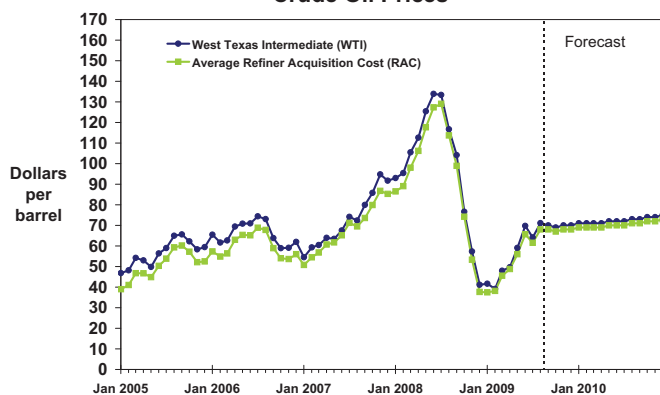
Sources: Historical data: latest data available from: EIA *Petroleum Supply Monthly*, DOE/EIA-0109; *Monthly Energy Review*, DOE/EIA-0035; U.S. Department of Commerce, Bureau of Economic Analysis; Federal Reserve System. Macroeconomic projections are based on Global Insight Macroeconomic Forecast Model.



Short-Term Energy Outlook

Chart Gallery for September 2009

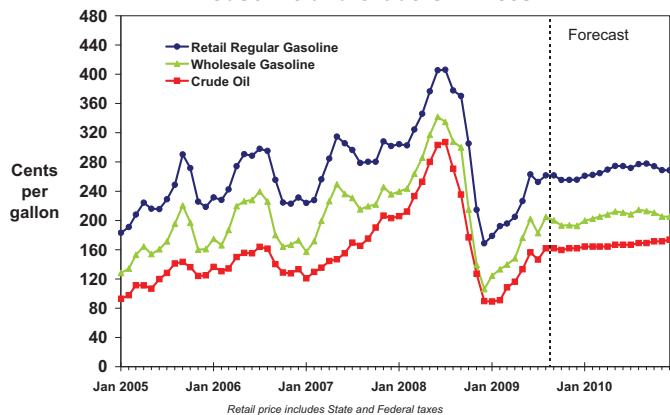
Crude Oil Prices



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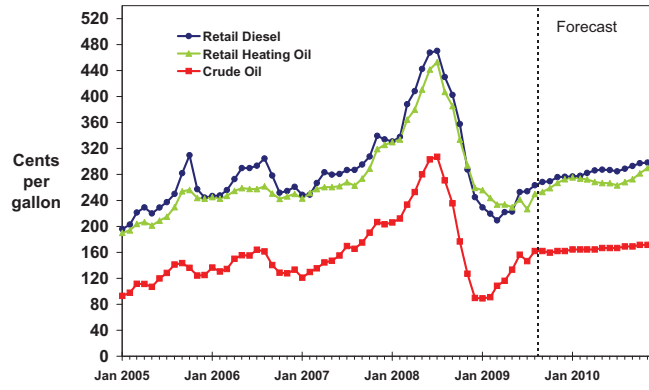
Gasoline and Crude Oil Prices



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U.S. Distillate Fuel Prices

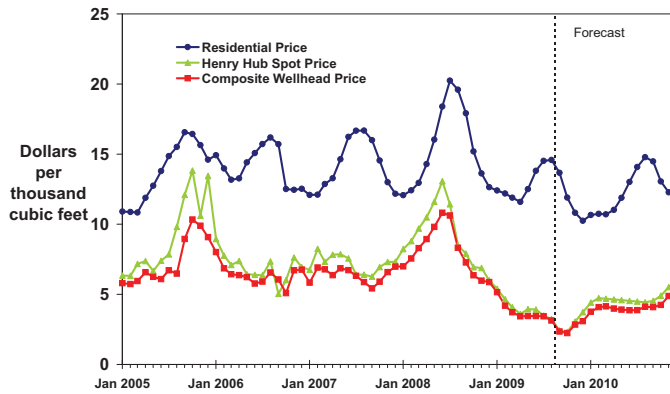


Retail prices include State and Federal taxes

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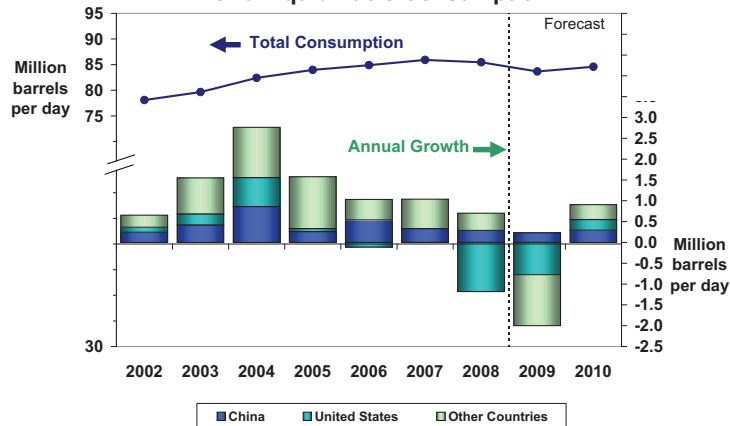
Natural Gas Prices



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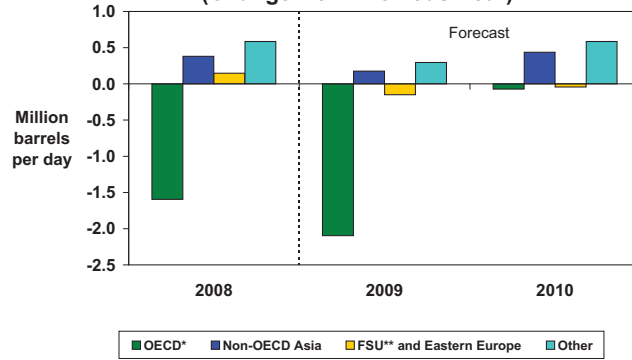
World Liquid Fuels Consumption



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World Liquid Fuels Consumption Growth (Change from Previous Year)

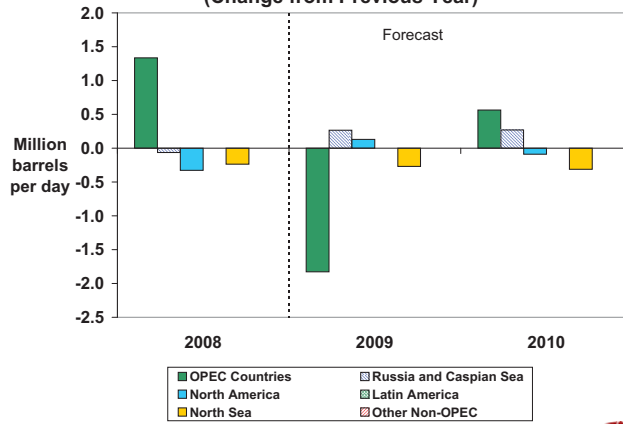


* Countries belonging to Organization for Economic Cooperation and Development
** Former Soviet Union

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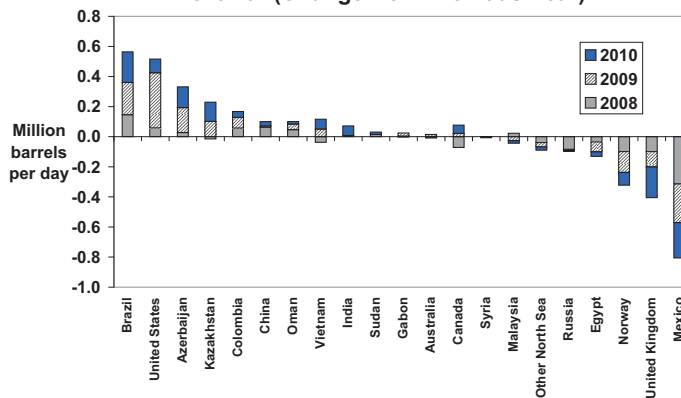
World Crude Oil and Liquid Fuels Production Growth (Change from Previous Year)



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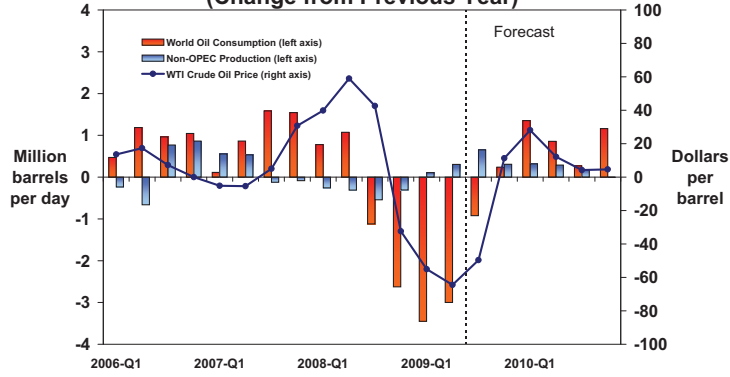
Non-OPEC Crude Oil and Liquid Fuels Production Growth (Change from Previous Year)



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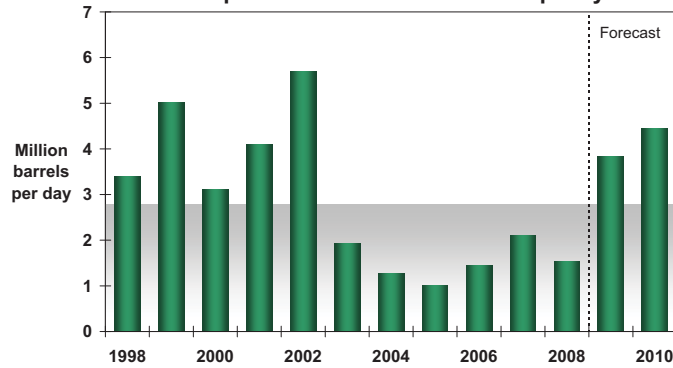
World Consumption and Non-OPEC Production (Change from Previous Year)



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OPEC Surplus Crude Oil Production Capacity

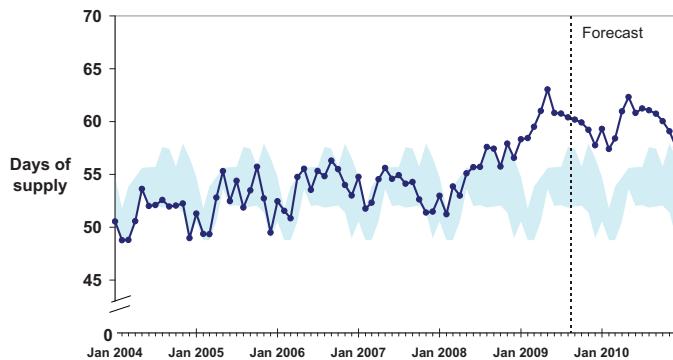


Note: Shaded area represents 1998-2008 average (2.8 million barrels per day)

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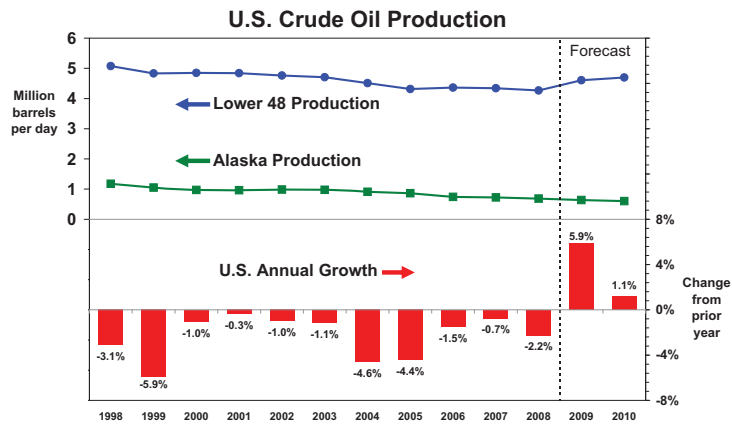
Days of Supply of OECD Commercial Oil Stocks



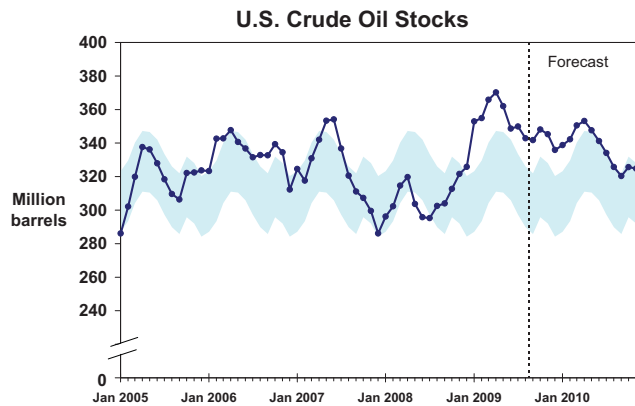
NOTE: Colored band represents the range between the minimum and maximum observed inventories from Jan. 2004 - Dec. 2008.

Short-Term Energy Outlook, September 2009



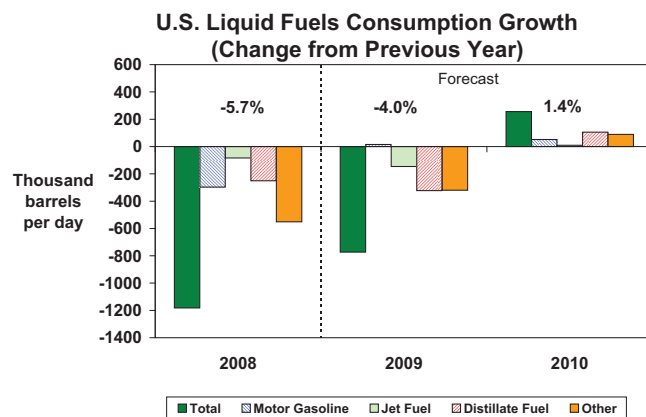


Short-Term Energy Outlook, September 2009



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

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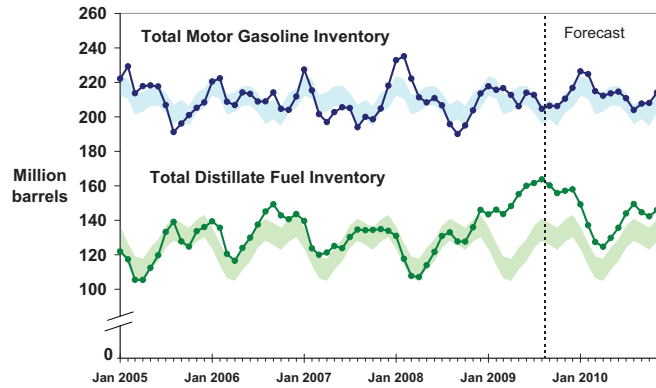


Note: Percent change labels refer to total petroleum products growth

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U.S. Gasoline and Distillate Inventories

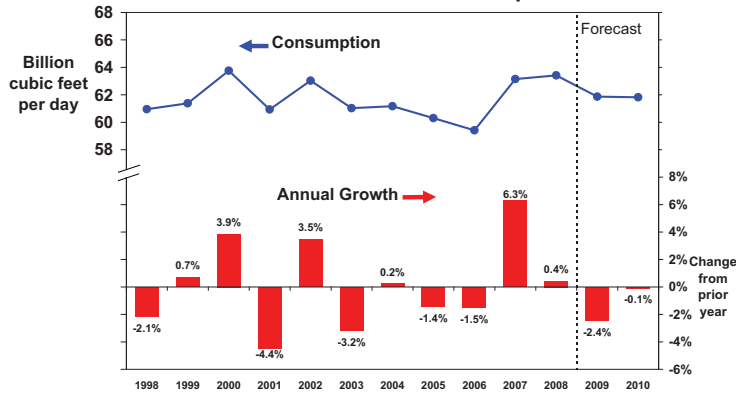


NOTE: Colored bands represent "normal" range published in EIA Weekly Petroleum Status Report, Appendix A.

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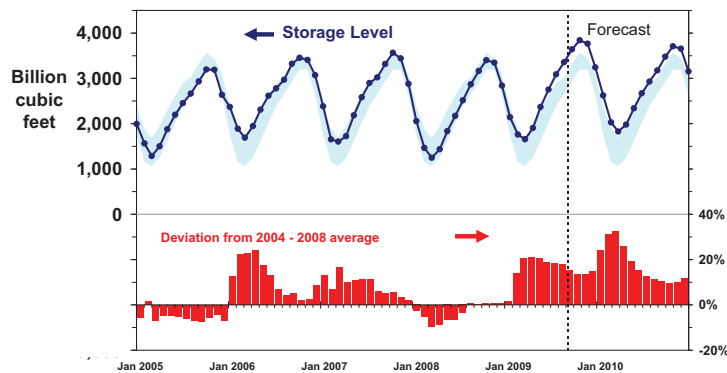
U.S. Total Natural Gas Consumption



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U.S. Working Natural Gas in Storage

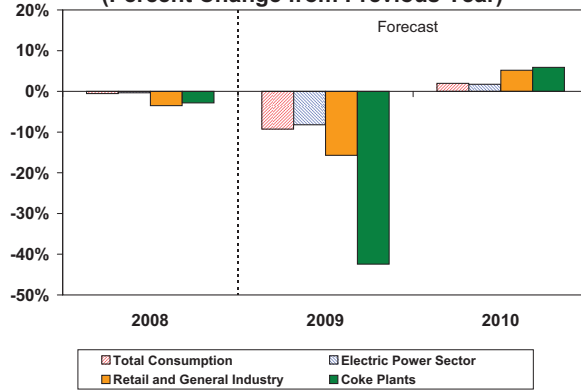


NOTE: Colored band around storage levels represents the range between the minimum and maximum from Jan. 2004 - Dec. 2008

Short-Term Energy Outlook, September 2009



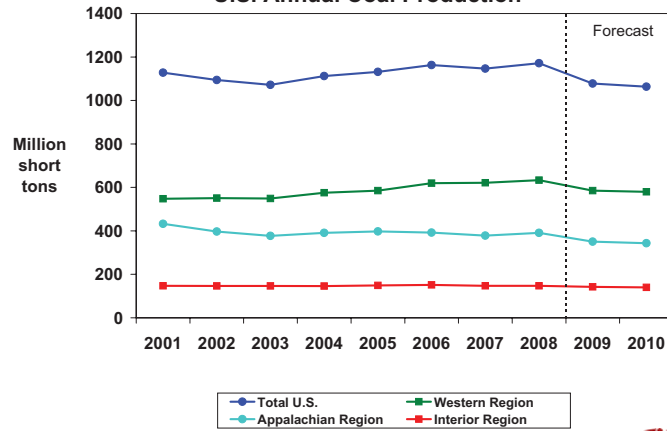
U.S. Coal Consumption Growth (Percent Change from Previous Year)



Short-Term Energy Outlook, September 2009



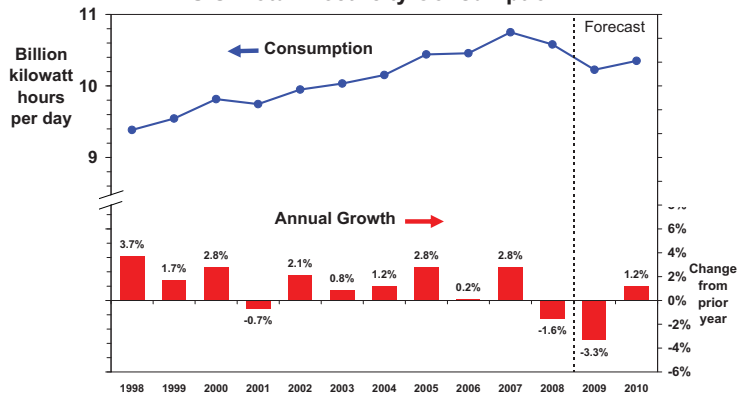
U.S. Annual Coal Production



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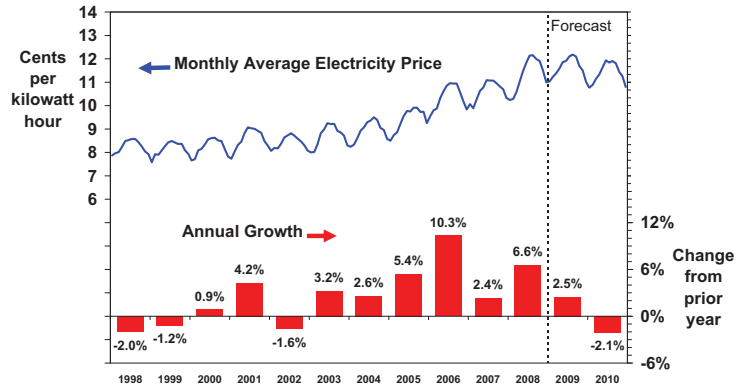
U.S. Total Electricity Consumption



Short-Term Energy Outlook, September 2009



U.S. Residential Electricity Price



Short-Term Energy Outlook, September 2009



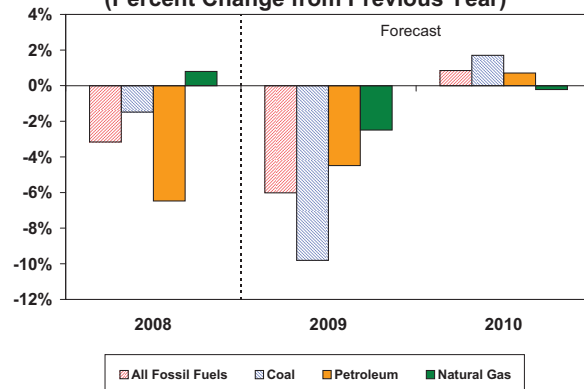
U.S. Annual Energy Expenditures As Percent of Gross Domestic Product



Short-Term Energy Outlook, September 2009



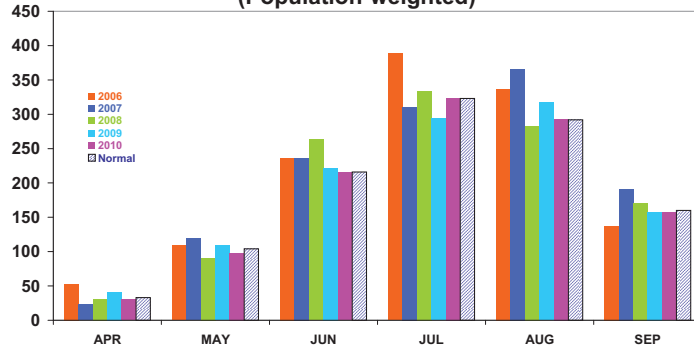
U.S. Carbon Dioxide Emissions Growth (Percent Change from Previous Year)



Short-Term Energy Outlook, September 2009



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

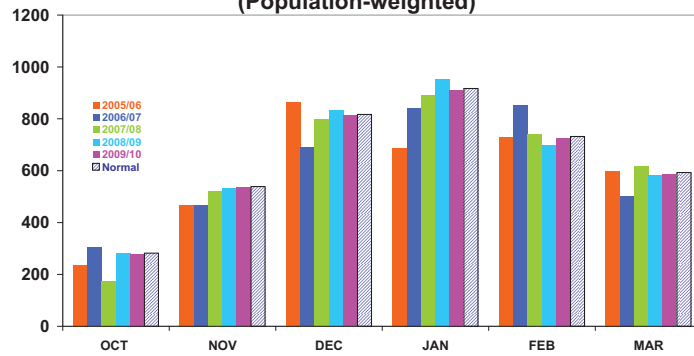


Source: National Oceanic and Atmospheric Administration, National Weather Service
http://www.cpc.ncep.noaa.gov/products/analysis_monitoring/cdus/degree_days/

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

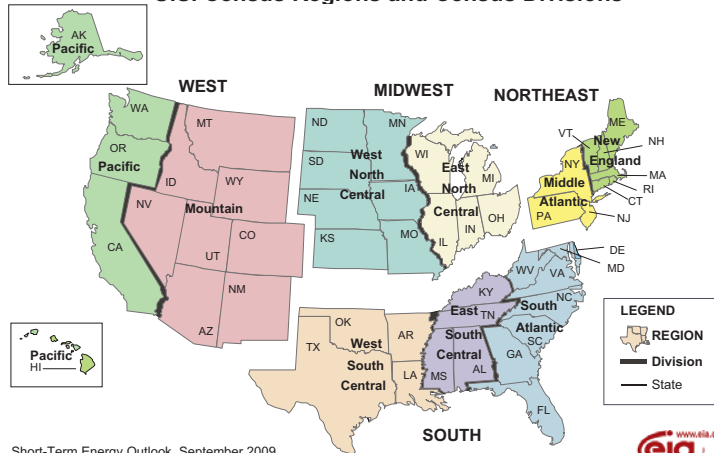


Source: National Oceanic and Atmospheric Administration, National Weather Service
http://www.cpc.ncep.noaa.gov/products/analysis_monitoring/cdus/degree_days/

Short-Term Energy Outlook, September 2009



U.S. Census Regions and Census Divisions



Short-Term Energy Outlook, September 2009



Table 1. U.S. Energy Markets Summary

Energy Information Administration/Short-Term Energy Outlook - September 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	5.11	4.66	4.92	5.24	5.24	<i>5.22</i>	<i>5.26</i>	<i>5.34</i>	<i>5.34</i>	<i>5.29</i>	<i>5.24</i>	4.95	<i>5.24</i>	<i>5.30</i>
Dry Natural Gas Production (billion cubic feet per day)	55.88	56.36	55.52	56.95	58.26	57.93	<i>56.15</i>	<i>54.17</i>	<i>53.92</i>	<i>54.19</i>	<i>54.82</i>	<i>55.51</i>	56.18	<i>56.62</i>	<i>54.61</i>
Coal Production (million short tons)	289	284	299	299	281	261	<i>265</i>	<i>271</i>	<i>265</i>	<i>248</i>	<i>260</i>	<i>290</i>	1,171	<i>1,078</i>	<i>1,063</i>
Energy Consumption															
Liquid Fuels (million barrels per day)	20.04	19.76	18.90	19.30	18.84	18.47	<i>18.74</i>	<i>18.85</i>	<i>18.97</i>	<i>18.93</i>	<i>18.93</i>	<i>19.09</i>	19.50	<i>18.72</i>	<i>18.98</i>
Natural Gas (billion cubic feet per day)	82.09	54.91	52.81	63.96	79.58	52.28	<i>52.82</i>	<i>63.08</i>	<i>78.11</i>	<i>52.17</i>	<i>53.70</i>	<i>63.54</i>	63.42	<i>61.87</i>	<i>61.82</i>
Coal (b) (million short tons)	284	268	299	270	255	232	<i>270</i>	<i>260</i>	<i>262</i>	<i>236</i>	<i>276</i>	<i>264</i>	1,122	<i>1,018</i>	<i>1,038</i>
Electricity (billion kilowatt hours per day)	10.57	10.21	11.64	9.90	10.25	9.61	<i>11.22</i>	<i>9.83</i>	<i>10.32</i>	<i>9.67</i>	<i>11.44</i>	<i>9.97</i>	10.58	<i>10.23</i>	<i>10.35</i>
Renewables (c) (quadrillion Btu)	1.62	1.84	1.67	1.62	1.69	1.93	<i>1.74</i>	<i>1.67</i>	<i>1.86</i>	<i>1.97</i>	<i>1.83</i>	<i>1.76</i>	6.74	<i>7.03</i>	<i>7.41</i>
Total Energy Consumption (d) (quadrillion Btu)	26.80	23.92	24.14	24.56	25.29	22.92	<i>23.56</i>	<i>24.05</i>	<i>25.42</i>	<i>22.78</i>	<i>23.89</i>	<i>24.39</i>	99.43	<i>95.82</i>	<i>96.48</i>
Nominal Energy Prices															
Crude Oil (e) (dollars per barrel)	91.17	117.20	114.89	55.19	40.45	56.91	<i>65.76</i>	<i>67.67</i>	<i>69.00</i>	<i>69.68</i>	<i>70.65</i>	<i>72.34</i>	94.68	<i>57.84</i>	<i>70.43</i>
Natural Gas Wellhead (dollars per thousand cubic feet)	7.62	9.86	8.81	6.06	4.36	3.44	<i>2.98</i>	<i>2.72</i>	<i>3.99</i>	<i>3.92</i>	<i>4.02</i>	<i>4.74</i>	8.08	<i>3.38</i>	<i>4.17</i>
Coal (dollars per million Btu)	1.91	2.04	2.16	2.18	2.27	2.24	<i>2.20</i>	<i>2.11</i>	<i>2.04</i>	<i>2.00</i>	<i>1.97</i>	<i>1.96</i>	2.07	<i>2.20</i>	<i>1.99</i>
Macroeconomic															
Real Gross Domestic Product (billion chained 2000 dollars - SAAR)	11,646	11,727	11,712	11,522	11,361	11,298	<i>11,307</i>	<i>11,324</i>	<i>11,346</i>	<i>11,406</i>	<i>11,463</i>	<i>11,558</i>	11,652	<i>11,322</i>	<i>11,443</i>
Percent change from prior year	2.5	2.1	0.7	-0.8	-2.5	-3.7	<i>-3.5</i>	<i>-1.7</i>	<i>-0.1</i>	<i>1.0</i>	<i>1.4</i>	<i>2.1</i>	1.1	<i>-2.8</i>	<i>1.1</i>
GDP Implicit Price Deflator (Index, 2000=100)	121.6	122.0	123.1	123.3	124.2	124.1	<i>124.3</i>	<i>124.9</i>	<i>125.7</i>	<i>125.8</i>	<i>126.2</i>	<i>127.0</i>	122.5	<i>124.4</i>	<i>126.2</i>
Percent change from prior year	2.3	2.0	2.6	2.0	2.1	1.7	<i>1.0</i>	<i>1.3</i>	<i>1.3</i>	<i>1.4</i>	<i>1.5</i>	<i>1.7</i>	2.2	<i>1.5</i>	<i>1.5</i>
Real Disposable Personal Income (billion chained 2000 dollars - SAAR)	8,668	8,891	8,696	8,758	8,887	9,025	<i>8,923</i>	<i>8,909</i>	<i>8,838</i>	<i>8,907</i>	<i>8,948</i>	<i>8,939</i>	8,753	<i>8,936</i>	<i>8,908</i>
Percent change from prior year	0.6	3.3	0.3	0.9	2.5	1.5	<i>2.6</i>	<i>1.7</i>	<i>-0.5</i>	<i>-1.3</i>	<i>0.3</i>	<i>0.3</i>	1.3	<i>2.1</i>	<i>-0.3</i>
Manufacturing Production Index (Index, 2002=100)	114.1	112.6	109.9	104.5	98.3	95.9	<i>97.2</i>	<i>97.3</i>	<i>97.3</i>	<i>97.3</i>	<i>98.0</i>	<i>99.0</i>	110.3	<i>97.2</i>	<i>97.9</i>
Percent change from prior year	1.3	-0.9	-3.9	-8.7	-13.9	-14.8	<i>-11.5</i>	<i>-6.8</i>	<i>-1.0</i>	<i>1.4</i>	<i>0.8</i>	<i>1.7</i>	-3.1	<i>-11.9</i>	<i>0.7</i>
Weather															
U.S. Heating Degree-Days	2,251	528	70	1,646	2,235	515	<i>99</i>	<i>1,626</i>	<i>2,225</i>	<i>539</i>	<i>99</i>	<i>1,615</i>	4,496	<i>4,475</i>	<i>4,478</i>
U.S. Cooling Degree-Days	35	385	789	68	27	372	<i>769</i>	<i>76</i>	<i>33</i>	<i>343</i>	<i>774</i>	<i>77</i>	1,277	<i>1,244</i>	<i>1,227</i>

- = no data available

(a) Includes lease condensate.

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

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

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

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

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

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

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

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

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

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

Weather projections from National Oceanic and Atmospheric Administration.

Table 2. U.S. Energy Nominal Prices

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

	2008				2009				2010				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2008	2009	2010
Crude Oil (dollars per barrel)															
West Texas Intermediate Spot Average	97.94	123.95	118.05	58.35	42.90	59.48	<i>68.41</i>	<i>69.67</i>	<i>71.00</i>	<i>71.67</i>	<i>72.67</i>	<i>74.33</i>	99.57	<i>60.12</i>	<i>72.42</i>
Imported Average	89.72	115.91	112.85	52.29	40.47	57.50	<i>65.41</i>	<i>66.66</i>	<i>68.00</i>	<i>68.68</i>	<i>69.65</i>	<i>71.33</i>	92.61	<i>57.35</i>	<i>69.43</i>
Refiner Average Acquisition Cost	91.17	117.20	114.89	55.19	40.45	56.91	<i>65.76</i>	<i>67.67</i>	<i>69.00</i>	<i>69.68</i>	<i>70.65</i>	<i>72.34</i>	94.68	<i>57.84</i>	<i>70.43</i>
Liquid Fuels (cents per gallon)															
Refiner Prices for Resale															
Gasoline	249	315	315	154	132	176	<i>196</i>	<i>193</i>	<i>203</i>	<i>211</i>	<i>212</i>	<i>207</i>	258	<i>175</i>	<i>208</i>
Diesel Fuel	283	365	347	199	138	160	<i>186</i>	<i>196</i>	<i>203</i>	<i>210</i>	<i>212</i>	<i>219</i>	300	<i>169</i>	<i>211</i>
Heating Oil	269	347	337	189	145	151	<i>179</i>	<i>193</i>	<i>197</i>	<i>201</i>	<i>203</i>	<i>215</i>	275	<i>163</i>	<i>204</i>
Refiner Prices to End Users															
Jet Fuel	284	364	357	204	137	159	<i>187</i>	<i>197</i>	<i>205</i>	<i>209</i>	<i>211</i>	<i>220</i>	305	<i>170</i>	<i>211</i>
No. 6 Residual Fuel Oil (a)	187	218	262	135	105	124	<i>154</i>	<i>162</i>	<i>162</i>	<i>160</i>	<i>160</i>	<i>164</i>	200	<i>135</i>	<i>162</i>
Propane to Petrochemical Sector	145	166	172	83	68	72	<i>85</i>	<i>93</i>	<i>94</i>	<i>92</i>	<i>93</i>	<i>102</i>	139	<i>79</i>	<i>95</i>
Retail Prices Including Taxes															
Gasoline Regular Grade (b)	311	376	385	230	189	232	<i>259</i>	<i>256</i>	<i>263</i>	<i>273</i>	<i>275</i>	<i>271</i>	326	<i>234</i>	<i>270</i>
Gasoline All Grades (b)	316	381	391	236	194	237	<i>264</i>	<i>261</i>	<i>268</i>	<i>278</i>	<i>280</i>	<i>276</i>	331	<i>239</i>	<i>276</i>
On-highway Diesel Fuel	352	439	434	299	220	233	<i>262</i>	<i>274</i>	<i>279</i>	<i>287</i>	<i>289</i>	<i>298</i>	380	<i>247</i>	<i>288</i>
Heating Oil	340	401	409	286	246	234	<i>245</i>	<i>268</i>	<i>274</i>	<i>268</i>	<i>269</i>	<i>292</i>	338	<i>251</i>	<i>278</i>
Propane	250	265	271	241	235	213	<i>190</i>	<i>205</i>	<i>212</i>	<i>203</i>	<i>192</i>	<i>210</i>	251	<i>216</i>	<i>208</i>
Natural Gas (dollars per thousand cubic feet)															
Average Wellhead	7.62	9.86	8.81	6.06	4.36	3.44	<i>2.98</i>	<i>2.72</i>	<i>3.99</i>	<i>3.92</i>	<i>4.02</i>	<i>4.74</i>	8.08	<i>3.38</i>	<i>4.17</i>
Henry Hub Spot	8.91	11.72	9.29	6.60	4.71	3.82	<i>3.05</i>	<i>3.03</i>	<i>4.60</i>	<i>4.59</i>	<i>4.49</i>	<i>5.45</i>	9.12	<i>3.65</i>	<i>4.78</i>
End-Use Prices															
Industrial Sector	8.88	11.09	10.77	7.62	6.55	4.63	<i>4.32</i>	<i>4.12</i>	<i>5.59</i>	<i>5.19</i>	<i>5.10</i>	<i>6.13</i>	9.58	<i>4.90</i>	<i>5.52</i>
Commercial Sector	11.35	13.12	14.17	11.46	10.66	9.29	<i>8.66</i>	<i>8.27</i>	<i>9.00</i>	<i>8.76</i>	<i>9.16</i>	<i>9.88</i>	11.99	<i>9.47</i>	<i>9.21</i>
Residential Sector	12.44	15.59	19.25	13.33	12.20	12.27	<i>14.25</i>	<i>10.68</i>	<i>10.70</i>	<i>11.66</i>	<i>14.44</i>	<i>12.18</i>	13.67	<i>11.92</i>	<i>11.56</i>
Electricity															
Power Generation Fuel Costs (dollars per million Btu)															
Coal	1.91	2.04	2.16	2.18	2.27	2.24	<i>2.20</i>	<i>2.11</i>	<i>2.04</i>	<i>2.00</i>	<i>1.97</i>	<i>1.96</i>	2.07	<i>2.20</i>	<i>1.99</i>
Natural Gas	8.57	11.08	9.75	6.67	5.44	4.43	<i>3.76</i>	<i>3.46</i>	<i>4.88</i>	<i>4.82</i>	<i>4.83</i>	<i>5.54</i>	9.13	<i>4.20</i>	<i>5.00</i>
Residual Fuel Oil (c)	12.90	15.44	17.75	10.28	7.26	8.56	<i>10.44</i>	<i>11.21</i>	<i>11.25</i>	<i>11.21</i>	<i>11.16</i>	<i>11.38</i>	14.40	<i>8.90</i>	<i>11.24</i>
Distillate Fuel Oil	18.86	23.38	23.99	14.88	11.40	11.92	<i>12.94</i>	<i>13.79</i>	<i>14.10</i>	<i>14.34</i>	<i>14.63</i>	<i>15.25</i>	20.27	<i>12.52</i>	<i>14.59</i>
End-Use Prices (cents per kilowatthour)															
Industrial Sector	6.4	6.9	7.6	7.1	6.9	7.0	<i>7.4</i>	<i>6.9</i>	<i>6.7</i>	<i>6.8</i>	<i>7.3</i>	<i>6.8</i>	7.0	<i>7.0</i>	<i>6.9</i>
Commercial Sector	9.5	10.3	11.0	10.2	10.1	10.2	<i>10.9</i>	<i>10.2</i>	<i>9.9</i>	<i>10.1</i>	<i>10.7</i>	<i>10.1</i>	10.3	<i>10.4</i>	<i>10.2</i>
Residential Sector	10.4	11.5	12.1	11.4	11.2	11.8	<i>12.1</i>	<i>11.4</i>	<i>10.9</i>	<i>11.7</i>	<i>11.9</i>	<i>11.1</i>	11.4	<i>11.6</i>	<i>11.4</i>

- = no data available

(a) Average for all sulfur contents.

(b) Average self-service cash price.

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

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

Prices exclude taxes unless otherwise noted

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

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

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

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

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

Table 3a. International Crude Oil and Liquid Fuels Supply, Consumption, and Inventories
Energy Information Administration/Short-Term Energy Outlook - September 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	21.31	21.06	20.38	20.95	21.16	20.76	<i>20.51</i>	<i>20.68</i>	<i>20.68</i>	<i>20.39</i>	<i>20.17</i>	<i>20.22</i>	20.92	<i>20.78</i>	<i>20.36</i>
U.S. (50 States)	8.67	8.75	8.18	8.46	8.76	8.96	<i>8.90</i>	<i>8.90</i>	<i>8.91</i>	<i>9.02</i>	<i>9.01</i>	<i>8.95</i>	8.51	<i>8.88</i>	<i>8.97</i>
Canada	3.38	3.22	3.40	3.40	3.39	3.25	<i>3.40</i>	<i>3.45</i>	<i>3.50</i>	<i>3.29</i>	<i>3.45</i>	<i>3.47</i>	3.35	<i>3.37</i>	<i>3.43</i>
Mexico	3.29	3.19	3.15	3.12	3.06	2.99	<i>2.87</i>	<i>2.79</i>	<i>2.75</i>	<i>2.76</i>	<i>2.65</i>	<i>2.61</i>	3.19	<i>2.93</i>	<i>2.69</i>
North Sea (b)	4.44	4.32	4.06	4.38	4.41	4.01	<i>3.74</i>	<i>3.98</i>	<i>3.97</i>	<i>3.75</i>	<i>3.50</i>	<i>3.66</i>	4.30	<i>4.03</i>	<i>3.72</i>
Other OECD	1.53	1.57	1.59	1.59	1.54	1.54	<i>1.61</i>	<i>1.57</i>	<i>1.56</i>	<i>1.56</i>	<i>1.55</i>	<i>1.52</i>	1.57	<i>1.57</i>	<i>1.55</i>
Non-OECD	64.45	64.56	64.87	63.96	62.21	62.87	<i>63.59</i>	<i>63.79</i>	<i>63.98</i>	<i>64.38</i>	<i>64.27</i>	<i>64.54</i>	64.46	<i>63.12</i>	<i>64.29</i>
OPEC	35.72	35.84	36.18	35.16	33.23	33.55	<i>34.37</i>	<i>34.42</i>	<i>34.20</i>	<i>34.39</i>	<i>34.54</i>	<i>34.70</i>	35.72	<i>33.90</i>	<i>34.46</i>
Crude Oil Portion	31.31	31.42	31.68	30.67	28.69	28.73	<i>29.36</i>	<i>29.26</i>	<i>28.84</i>	<i>28.84</i>	<i>28.94</i>	<i>28.94</i>	31.27	<i>29.01</i>	<i>28.89</i>
Other Liquids	4.41	4.42	4.50	4.49	4.53	4.82	<i>5.01</i>	<i>5.16</i>	<i>5.36</i>	<i>5.55</i>	<i>5.60</i>	<i>5.76</i>	4.46	<i>4.88</i>	<i>5.57</i>
Former Soviet Union	12.59	12.60	12.42	12.46	12.60	12.87	<i>12.80</i>	<i>12.79</i>	<i>13.02</i>	<i>13.09</i>	<i>12.99</i>	<i>12.98</i>	12.52	<i>12.76</i>	<i>13.02</i>
China	3.94	4.00	3.97	3.98	3.92	3.98	<i>4.00</i>	<i>4.03</i>	<i>4.02</i>	<i>4.05</i>	<i>3.99</i>	<i>4.00</i>	3.97	<i>3.98</i>	<i>4.01</i>
Other Non-OECD	12.21	12.13	12.30	12.35	12.46	12.47	<i>12.43</i>	<i>12.56</i>	<i>12.74</i>	<i>12.85</i>	<i>12.75</i>	<i>12.86</i>	12.25	<i>12.48</i>	<i>12.80</i>
Total World Production	85.76	85.62	85.26	84.91	83.37	83.64	<i>84.09</i>	<i>84.47</i>	<i>84.67</i>	<i>84.77</i>	<i>84.43</i>	<i>84.75</i>	85.38	<i>83.90</i>	<i>84.65</i>
Non-OPEC Production	50.04	49.78	49.08	49.75	50.15	50.08	<i>49.73</i>	<i>50.06</i>	<i>50.46</i>	<i>50.37</i>	<i>49.90</i>	<i>50.05</i>	49.66	<i>50.00</i>	<i>50.19</i>
Consumption (million barrels per day) (c)															
OECD	48.97	47.35	46.68	47.26	46.36	44.36	<i>45.11</i>	<i>46.04</i>	<i>46.06</i>	<i>44.46</i>	<i>44.97</i>	<i>46.09</i>	47.56	<i>45.47</i>	<i>45.39</i>
U.S. (50 States)	20.04	19.76	18.90	19.30	18.84	18.47	<i>18.74</i>	<i>18.85</i>	<i>18.97</i>	<i>18.93</i>	<i>18.93</i>	<i>19.09</i>	19.50	<i>18.72</i>	<i>18.98</i>
U.S. Territories	0.27	0.28	0.29	0.23	0.22	0.26	<i>0.26</i>	<i>0.26</i>	<i>0.26</i>	<i>0.26</i>	<i>0.25</i>	<i>0.26</i>	0.27	<i>0.25</i>	<i>0.26</i>
Canada	2.31	2.19	2.28	2.26	2.19	2.14	<i>2.24</i>	<i>2.25</i>	<i>2.25</i>	<i>2.18</i>	<i>2.28</i>	<i>2.28</i>	2.26	<i>2.20</i>	<i>2.25</i>
Europe	15.33	15.06	15.54	15.43	14.92	14.24	<i>14.80</i>	<i>14.99</i>	<i>14.58</i>	<i>14.20</i>	<i>14.63</i>	<i>14.82</i>	15.34	<i>14.74</i>	<i>14.56</i>
Japan	5.45	4.63	4.34	4.71	4.72	4.00	<i>4.02</i>	<i>4.46</i>	<i>4.61</i>	<i>3.76</i>	<i>3.82</i>	<i>4.23</i>	4.78	<i>4.30</i>	<i>4.10</i>
Other OECD	5.57	5.42	5.33	5.33	5.47	5.25	<i>5.06</i>	<i>5.24</i>	<i>5.40</i>	<i>5.13</i>	<i>5.06</i>	<i>5.41</i>	5.41	<i>5.25</i>	<i>5.25</i>
Non-OECD	37.51	38.54	38.51	36.98	36.67	38.53	<i>39.16</i>	<i>38.44</i>	<i>38.32</i>	<i>39.29</i>	<i>39.57</i>	<i>39.55</i>	37.89	<i>38.21</i>	<i>39.19</i>
Former Soviet Union	4.30	4.31	4.35	4.38	4.11	4.16	<i>4.19</i>	<i>4.27</i>	<i>4.09</i>	<i>4.09</i>	<i>4.12</i>	<i>4.20</i>	4.33	<i>4.18</i>	<i>4.12</i>
Europe	0.79	0.79	0.80	0.80	0.77	0.77	<i>0.83</i>	<i>0.81</i>	<i>0.79</i>	<i>0.78</i>	<i>0.85</i>	<i>0.82</i>	0.80	<i>0.80</i>	<i>0.81</i>
China	7.86	7.89	8.10	7.56	7.55	8.28	<i>8.39</i>	<i>8.09</i>	<i>8.20</i>	<i>8.37</i>	<i>8.46</i>	<i>8.46</i>	7.85	<i>8.08</i>	<i>8.37</i>
Other Asia	9.52	9.61	8.96	8.76	9.09	9.26	<i>9.05</i>	<i>9.22</i>	<i>9.29</i>	<i>9.36</i>	<i>9.08</i>	<i>9.47</i>	9.21	<i>9.16</i>	<i>9.30</i>
Other Non-OECD	15.04	15.95	16.31	15.49	15.15	16.06	<i>16.70</i>	<i>16.05</i>	<i>15.95</i>	<i>16.69</i>	<i>17.06</i>	<i>16.60</i>	15.70	<i>15.99</i>	<i>16.58</i>
Total World Consumption	86.48	85.89	85.20	84.24	83.03	82.89	<i>84.27</i>	<i>84.48</i>	<i>84.39</i>	<i>83.75</i>	<i>84.54</i>	<i>85.64</i>	85.45	<i>83.67</i>	<i>84.58</i>
Inventory Net Withdrawals (million barrels per day)															
U.S. (50 States)	0.12	-0.34	-0.20	-0.35	-0.65	-0.48	<i>-0.01</i>	<i>0.39</i>	<i>0.42</i>	<i>-0.34</i>	<i>0.00</i>	<i>0.28</i>	-0.20	<i>-0.18</i>	<i>0.09</i>
Other OECD	-0.23	-0.01	-0.28	-0.15	0.03	0.26	<i>0.18</i>	<i>-0.16</i>	<i>-0.29</i>	<i>-0.27</i>	<i>0.04</i>	<i>0.25</i>	-0.17	<i>0.08</i>	<i>-0.07</i>
Other Stock Draws and Balance	0.84	0.62	0.42	-0.16	0.28	-0.53	<i>0.01</i>	<i>-0.23</i>	<i>-0.41</i>	<i>-0.41</i>	<i>0.06</i>	<i>0.36</i>	0.43	<i>-0.12</i>	<i>-0.10</i>
Total Stock Draw	0.73	0.27	-0.06	-0.67	-0.34	-0.75	<i>0.18</i>	<i>0.00</i>	<i>-0.28</i>	<i>-1.02</i>	<i>0.11</i>	<i>0.89</i>	0.06	<i>-0.22</i>	<i>-0.07</i>
End-of-period Inventories (million barrels)															
U.S. Commercial Inventory	954	980	1,002	1,035	1,082	1,115	<i>1,114</i>	<i>1,077</i>	<i>1,039</i>	<i>1,070</i>	<i>1,070</i>	<i>1,044</i>	1,035	<i>1,077</i>	<i>1,044</i>
OECD Commercial Inventory	2,569	2,602	2,652	2,694	2,731	2,738	<i>2,721</i>	<i>2,698</i>	<i>2,686</i>	<i>2,742</i>	<i>2,737</i>	<i>2,689</i>	2,694	<i>2,698</i>	<i>2,689</i>

- = no data available

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

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

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

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

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

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

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

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

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

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

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

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

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

	2008				2009				2010				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2008	2009	2010
North America	15.34	15.17	14.73	14.97	15.22	15.21	<i>15.16</i>	<i>15.14</i>	<i>15.16</i>	<i>15.07</i>	<i>15.11</i>	<i>15.03</i>	15.05	<i>15.18</i>	<i>15.09</i>
Canada	3.38	3.22	3.40	3.40	3.39	3.25	<i>3.40</i>	<i>3.45</i>	<i>3.50</i>	<i>3.29</i>	<i>3.45</i>	<i>3.47</i>	3.35	<i>3.37</i>	<i>3.43</i>
Mexico	3.29	3.19	3.15	3.12	3.06	2.99	<i>2.87</i>	<i>2.79</i>	<i>2.75</i>	<i>2.76</i>	<i>2.65</i>	<i>2.61</i>	3.19	<i>2.93</i>	<i>2.69</i>
United States	8.67	8.75	8.18	8.46	8.76	8.96	<i>8.90</i>	<i>8.90</i>	<i>8.91</i>	<i>9.02</i>	<i>9.01</i>	<i>8.95</i>	8.51	<i>8.88</i>	<i>8.97</i>
Central and South America	4.14	4.17	4.32	4.35	4.49	4.49	<i>4.48</i>	<i>4.59</i>	<i>4.68</i>	<i>4.73</i>	<i>4.74</i>	<i>4.81</i>	4.24	<i>4.51</i>	<i>4.74</i>
Argentina	0.81	0.75	0.81	0.81	0.78	0.77	<i>0.77</i>	<i>0.76</i>	<i>0.76</i>	<i>0.76</i>	<i>0.75</i>	<i>0.75</i>	0.79	<i>0.77</i>	<i>0.76</i>
Brazil	2.32	2.39	2.44	2.44	2.58	2.60	<i>2.58</i>	<i>2.68</i>	<i>2.76</i>	<i>2.80</i>	<i>2.82</i>	<i>2.88</i>	2.40	<i>2.61</i>	<i>2.81</i>
Colombia	0.57	0.59	0.61	0.63	0.65	0.67	<i>0.68</i>	<i>0.69</i>	<i>0.70</i>	<i>0.70</i>	<i>0.71</i>	<i>0.73</i>	0.60	<i>0.67</i>	<i>0.71</i>
Other Central and S. America	0.44	0.44	0.46	0.48	0.48	0.46	<i>0.46</i>	<i>0.46</i>	<i>0.46</i>	<i>0.46</i>	<i>0.46</i>	<i>0.46</i>	0.46	<i>0.46</i>	<i>0.46</i>
Europe	5.12	4.99	4.73	5.03	5.05	4.67	<i>4.40</i>	<i>4.64</i>	<i>4.62</i>	<i>4.40</i>	<i>4.15</i>	<i>4.31</i>	4.97	<i>4.69</i>	<i>4.37</i>
Norway	2.51	2.42	2.39	2.55	2.53	2.21	<i>2.20</i>	<i>2.37</i>	<i>2.37</i>	<i>2.25</i>	<i>2.15</i>	<i>2.21</i>	2.47	<i>2.33</i>	<i>2.24</i>
United Kingdom (offshore)	1.59	1.57	1.35	1.51	1.55	1.50	<i>1.24</i>	<i>1.32</i>	<i>1.31</i>	<i>1.22</i>	<i>1.08</i>	<i>1.18</i>	1.50	<i>1.40</i>	<i>1.20</i>
Other North Sea	0.35	0.33	0.33	0.32	0.32	0.30	<i>0.29</i>	<i>0.29</i>	<i>0.29</i>	<i>0.29</i>	<i>0.27</i>	<i>0.27</i>	0.33	<i>0.30</i>	<i>0.28</i>
FSU and Eastern Europe	12.82	12.82	12.65	12.70	12.82	13.09	<i>13.01</i>	<i>13.00</i>	<i>13.23</i>	<i>13.30</i>	<i>13.20</i>	<i>13.18</i>	12.75	<i>12.98</i>	<i>13.23</i>
Azerbaijan	0.91	0.98	0.85	0.77	0.93	1.07	<i>1.07</i>	<i>1.10</i>	<i>1.14</i>	<i>1.18</i>	<i>1.19</i>	<i>1.21</i>	0.88	<i>1.04</i>	<i>1.18</i>
Kazakhstan	1.47	1.44	1.33	1.47	1.48	1.51	<i>1.55</i>	<i>1.58</i>	<i>1.65</i>	<i>1.67</i>	<i>1.65</i>	<i>1.66</i>	1.43	<i>1.53</i>	<i>1.66</i>
Russia	9.78	9.75	9.82	9.81	9.77	9.88	<i>9.77</i>	<i>9.71</i>	<i>9.82</i>	<i>9.83</i>	<i>9.75</i>	<i>9.70</i>	9.79	<i>9.78</i>	<i>9.78</i>
Turkmenistan	0.19	0.19	0.19	0.19	0.19	0.20	<i>0.20</i>	<i>0.20</i>	<i>0.20</i>	<i>0.20</i>	<i>0.20</i>	<i>0.21</i>	0.19	<i>0.20</i>	<i>0.20</i>
Other FSU/Eastern Europe	0.66	0.65	0.65	0.65	0.64	0.63	<i>0.62</i>	<i>0.62</i>	<i>0.62</i>	<i>0.62</i>	<i>0.61</i>	<i>0.60</i>	0.65	<i>0.63</i>	<i>0.61</i>
Middle East	1.55	1.54	1.53	1.54	1.56	1.58	<i>1.54</i>	<i>1.55</i>	<i>1.58</i>	<i>1.57</i>	<i>1.54</i>	<i>1.55</i>	1.54	<i>1.56</i>	<i>1.56</i>
Oman	0.75	0.75	0.77	0.78	0.79	0.80	<i>0.80</i>	<i>0.80</i>	<i>0.82</i>	<i>0.82</i>	<i>0.81</i>	<i>0.81</i>	0.76	<i>0.80</i>	<i>0.82</i>
Syria	0.43	0.43	0.42	0.42	0.43	0.43	<i>0.42</i>	<i>0.42</i>	<i>0.43</i>	<i>0.43</i>	<i>0.42</i>	<i>0.42</i>	0.43	<i>0.43</i>	<i>0.43</i>
Yemen	0.32	0.30	0.29	0.29	0.29	0.29	<i>0.27</i>	<i>0.27</i>	<i>0.27</i>	<i>0.26</i>	<i>0.26</i>	<i>0.26</i>	0.30	<i>0.28</i>	<i>0.26</i>
Asia and Oceania	8.50	8.55	8.55	8.63	8.50	8.49	<i>8.62</i>	<i>8.62</i>	<i>8.64</i>	<i>8.67</i>	<i>8.56</i>	<i>8.57</i>	8.56	<i>8.56</i>	<i>8.61</i>
Australia	0.52	0.58	0.61	0.63	0.59	0.57	<i>0.64</i>	<i>0.60</i>	<i>0.60</i>	<i>0.60</i>	<i>0.60</i>	<i>0.56</i>	0.59	<i>0.60</i>	<i>0.59</i>
China	3.94	4.00	3.97	3.98	3.92	3.98	<i>4.00</i>	<i>4.03</i>	<i>4.02</i>	<i>4.05</i>	<i>3.99</i>	<i>4.00</i>	3.97	<i>3.98</i>	<i>4.01</i>
India	0.89	0.88	0.87	0.89	0.86	0.87	<i>0.90</i>	<i>0.91</i>	<i>0.93</i>	<i>0.95</i>	<i>0.95</i>	<i>0.97</i>	0.88	<i>0.89</i>	<i>0.95</i>
Indonesia	1.04	1.04	1.06	1.06	1.05	1.03	<i>1.01</i>	<i>1.00</i>	<i>0.97</i>	<i>0.96</i>	<i>0.94</i>	<i>0.94</i>	1.05	<i>1.02</i>	<i>0.95</i>
Malaysia	0.74	0.71	0.73	0.73	0.71	0.70	<i>0.70</i>	<i>0.69</i>	<i>0.70</i>	<i>0.69</i>	<i>0.68</i>	<i>0.67</i>	0.73	<i>0.70</i>	<i>0.68</i>
Vietnam	0.34	0.31	0.29	0.31	0.33	0.33	<i>0.39</i>	<i>0.40</i>	<i>0.42</i>	<i>0.43</i>	<i>0.43</i>	<i>0.44</i>	0.31	<i>0.36</i>	<i>0.43</i>
Africa	2.57	2.55	2.57	2.53	2.51	2.54	<i>2.52</i>	<i>2.52</i>	<i>2.56</i>	<i>2.63</i>	<i>2.60</i>	<i>2.59</i>	2.55	<i>2.53</i>	<i>2.60</i>
Egypt	0.63	0.62	0.65	0.62	0.59	0.57	<i>0.56</i>	<i>0.54</i>	<i>0.54</i>	<i>0.54</i>	<i>0.53</i>	<i>0.53</i>	0.63	<i>0.56</i>	<i>0.53</i>
Equatorial Guinea	0.36	0.36	0.36	0.35	0.35	0.36	<i>0.35</i>	<i>0.35</i>	<i>0.36</i>	<i>0.36</i>	<i>0.35</i>	<i>0.35</i>	0.36	<i>0.35</i>	<i>0.36</i>
Gabon	0.24	0.25	0.25	0.25	0.25	0.27	<i>0.28</i>	<i>0.28</i>	<i>0.28</i>	<i>0.27</i>	<i>0.26</i>	<i>0.26</i>	0.25	<i>0.27</i>	<i>0.27</i>
Sudan	0.51	0.49	0.47	0.45	0.46	0.48	<i>0.49</i>	<i>0.49</i>	<i>0.50</i>	<i>0.50</i>	<i>0.49</i>	<i>0.49</i>	0.48	<i>0.48</i>	<i>0.50</i>
Total non-OPEC liquids	50.04	49.78	49.08	49.75	50.15	50.08	<i>49.73</i>	<i>50.06</i>	<i>50.46</i>	<i>50.37</i>	<i>49.90</i>	<i>50.05</i>	49.66	<i>50.00</i>	<i>50.19</i>
OPEC non-crude liquids	4.41	4.42	4.50	4.49	4.53	4.82	<i>5.01</i>	<i>5.16</i>	<i>5.36</i>	<i>5.55</i>	<i>5.60</i>	<i>5.76</i>	4.46	<i>4.88</i>	<i>5.57</i>
Non-OPEC + OPEC non-crude	54.45	54.20	53.58	54.24	54.68	54.91	<i>54.74</i>	<i>55.22</i>	<i>55.83</i>	<i>55.92</i>	<i>55.49</i>	<i>55.81</i>	54.12	<i>54.89</i>	<i>55.76</i>

- = no data available

FSU = Former Soviet Union

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

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

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

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

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

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

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

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

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

	2008				2009				2010				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2008	2009	2010
Crude Oil															
Algeria	1.37	1.37	1.37	1.37	1.30	1.30	-	-	-	-	-	-	1.37	-	-
Angola	1.91	1.92	1.85	1.88	1.78	1.75	-	-	-	-	-	-	1.89	-	-
Ecuador	0.52	0.50	0.50	0.50	0.50	0.49	-	-	-	-	-	-	0.50	-	-
Iran	3.80	3.80	3.90	3.90	3.77	3.80	-	-	-	-	-	-	3.85	-	-
Iraq	2.30	2.42	2.42	2.34	2.28	2.38	-	-	-	-	-	-	2.37	-	-
Kuwait	2.58	2.60	2.60	2.50	2.30	2.30	-	-	-	-	-	-	2.57	-	-
Libya	1.79	1.75	1.70	1.70	1.65	1.67	-	-	-	-	-	-	1.74	-	-
Nigeria	1.99	1.90	1.95	1.92	1.80	1.68	-	-	-	-	-	-	1.94	-	-
Qatar	0.85	0.87	0.87	0.81	0.82	0.83	-	-	-	-	-	-	0.85	-	-
Saudi Arabia	9.20	9.32	9.57	8.95	8.07	8.13	-	-	-	-	-	-	9.26	-	-
United Arab Emirates	2.60	2.60	2.60	2.48	2.30	2.30	-	-	-	-	-	-	2.57	-	-
Venezuela	2.40	2.37	2.34	2.31	2.13	2.10	-	-	-	-	-	-	2.35	-	-
OPEC Total	31.31	31.42	31.68	30.67	28.69	28.73	29.36	29.26	28.84	28.84	28.94	28.94	31.27	29.01	28.89
Other Liquids	4.41	4.42	4.50	4.49	4.53	4.82	<i>5.01</i>	<i>5.16</i>	<i>5.36</i>	<i>5.55</i>	<i>5.60</i>	<i>5.76</i>	4.46	<i>4.88</i>	<i>5.57</i>
Total OPEC Supply	35.72	35.84	36.18	35.16	33.23	33.55	<i>34.37</i>	<i>34.42</i>	<i>34.20</i>	<i>34.39</i>	<i>34.54</i>	<i>34.70</i>	35.72	<i>33.90</i>	<i>34.46</i>
Crude Oil Production Capacity															
Algeria	1.37	1.37	1.37	1.37	1.37	1.37	-	-	-	-	-	-	1.37	-	-
Angola	1.91	1.92	1.85	1.99	2.05	2.07	-	-	-	-	-	-	1.92	-	-
Ecuador	0.52	0.50	0.50	0.50	0.50	0.49	-	-	-	-	-	-	0.50	-	-
Iran	3.80	3.80	3.90	3.90	3.90	3.90	-	-	-	-	-	-	3.85	-	-
Iraq	2.30	2.42	2.42	2.34	2.28	2.38	-	-	-	-	-	-	2.37	-	-
Kuwait	2.60	2.60	2.60	2.60	2.60	2.60	-	-	-	-	-	-	2.60	-	-
Libya	1.79	1.75	1.70	1.75	1.75	1.75	-	-	-	-	-	-	1.75	-	-
Nigeria	1.99	1.90	1.95	1.92	1.80	1.68	-	-	-	-	-	-	1.94	-	-
Qatar	0.88	0.93	0.98	1.03	1.07	1.07	-	-	-	-	-	-	0.96	-	-
Saudi Arabia	10.57	10.60	10.60	10.60	10.60	10.70	-	-	-	-	-	-	10.59	-	-
United Arab Emirates	2.60	2.60	2.60	2.55	2.60	2.60	-	-	-	-	-	-	2.59	-	-
Venezuela	2.40	2.37	2.34	2.31	2.13	2.10	-	-	-	-	-	-	2.35	-	-
OPEC Total	32.72	32.76	32.82	32.86	32.65	32.71	32.95	33.03	33.26	33.29	33.38	33.41	32.79	32.84	33.33
Surplus Crude Oil Production Capacity															
Algeria	0.00	0.00	0.00	0.00	0.07	0.07	-	-	-	-	-	-	0.00	-	-
Angola	0.00	0.00	0.00	0.11	0.27	0.32	-	-	-	-	-	-	0.03	-	-
Ecuador	0.00	0.00	0.00	0.00	0.00	0.00	-	-	-	-	-	-	0.00	-	-
Iran	0.00	0.00	0.00	0.00	0.13	0.10	-	-	-	-	-	-	0.00	-	-
Iraq	0.00	0.00	0.00	0.00	0.00	0.00	-	-	-	-	-	-	0.00	-	-
Kuwait	0.02	0.00	0.00	0.10	0.30	0.30	-	-	-	-	-	-	0.03	-	-
Libya	0.00	0.00	0.00	0.05	0.10	0.08	-	-	-	-	-	-	0.01	-	-
Nigeria	0.00	0.00	0.00	0.00	0.00	0.00	-	-	-	-	-	-	0.00	-	-
Qatar	0.03	0.06	0.11	0.22	0.25	0.24	-	-	-	-	-	-	0.11	-	-
Saudi Arabia	1.37	1.28	1.03	1.65	2.53	2.57	-	-	-	-	-	-	1.33	-	-
United Arab Emirates	0.00	0.00	0.00	0.07	0.30	0.30	-	-	-	-	-	-	0.02	-	-
Venezuela	0.00	0.00	0.00	0.00	0.00	0.00	-	-	-	-	-	-	0.00	-	-
OPEC Total	1.41	1.35	1.14	2.19	3.96	3.98	3.60	3.78	4.42	4.45	4.44	4.47	1.53	3.83	4.44

- = 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 - September 2009

	2008				2009				2010				2008	2009	2010
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4			
North America (a)	24.74	24.43	23.62	23.87	23.31	22.90	23.27	23.41	23.49	23.42	23.47	23.66	24.16	23.22	23.51
Canada	2.31	2.19	2.28	2.26	2.19	2.14	2.24	2.25	2.25	2.18	2.28	2.28	2.26	2.20	2.25
Mexico	2.12	2.19	2.14	2.07	2.05	2.02	2.02	2.04	2.00	2.03	1.99	2.01	2.13	2.04	2.01
United States	20.04	19.76	18.90	19.30	18.84	18.47	18.74	18.85	18.97	18.93	18.93	19.09	19.50	18.72	18.98
Central and South America	5.79	6.07	5.87	5.90	5.73	6.04	6.08	6.07	6.00	6.24	6.29	6.27	5.90	5.98	6.20
Brazil	2.43	2.57	2.57	2.51	2.39	2.51	2.59	2.58	2.49	2.58	2.67	2.66	2.52	2.52	2.60
Europe	14.79	14.48	14.91	14.85	14.45	13.68	14.17	14.36	14.10	13.62	14.00	14.19	14.76	14.17	13.98
FSU and Eastern Europe	5.64	5.69	5.77	5.76	5.35	5.49	5.65	5.70	5.36	5.44	5.60	5.65	5.71	5.55	5.51
Russia	2.87	2.89	2.90	2.93	2.69	2.74	2.75	2.78	2.66	2.68	2.69	2.72	2.90	2.74	2.69
Middle East	6.00	6.67	7.21	6.39	6.16	6.77	7.41	6.71	6.58	7.12	7.50	6.97	6.57	6.76	7.04
Asia and Oceania	26.29	25.36	24.60	24.28	24.78	24.78	24.49	24.96	25.50	24.59	24.42	25.55	25.13	24.75	25.01
China	7.86	7.89	8.10	7.56	7.55	8.28	8.39	8.09	8.20	8.37	8.46	8.46	7.85	8.08	8.37
Japan	5.45	4.63	4.34	4.71	4.72	4.00	4.02	4.46	4.61	3.76	3.82	4.23	4.78	4.30	4.10
India	3.02	3.02	2.84	2.89	3.10	3.09	2.92	3.00	3.26	3.20	2.98	3.27	2.94	3.03	3.18
Africa	3.25	3.20	3.22	3.20	3.25	3.24	3.20	3.27	3.37	3.32	3.27	3.34	3.22	3.24	3.32
Total OECD Liquid Fuels Consumption	48.97	47.35	46.68	47.26	46.36	44.36	45.11	46.04	46.06	44.46	44.97	46.09	47.56	45.47	45.39
Total non-OECD Liquid Fuels Consumption	37.51	38.54	38.51	36.98	36.67	38.53	39.16	38.44	38.32	39.29	39.57	39.55	37.89	38.21	39.19
Total World Liquid Fuels Consumption	86.48	85.89	85.20	84.24	83.03	82.89	84.27	84.48	84.39	83.75	84.54	85.64	85.45	83.67	84.58
World Oil-Consumption-Weighted GDP															
Index, 2006 Q1 = 100	109.34	110.28	110.39	108.99	108.21	108.68	109.15	109.28	109.79	111.12	112.13	112.72	109.75	108.83	111.45
Percent change from prior year	4.5	3.9	2.8	0.6	-1.0	-1.4	-1.1	0.3	1.5	2.2	2.7	3.1	2.9	-0.8	2.4

- = 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.

(a) North American total includes U.S. territories.

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
 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 - September 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	5.11	4.66	4.92	5.24	5.24	5.22	5.26	5.34	5.34	5.29	5.24	4.95	5.24	5.30
Alaska	0.71	0.68	0.62	0.72	0.70	0.63	0.56	0.65	0.64	0.61	0.59	0.57	0.68	0.64	0.60
Federal Gulf of Mexico (b)	1.32	1.31	0.97	1.02	1.39	1.46	1.54	1.59	1.54	1.50	1.51	1.52	1.15	1.50	1.52
Lower 48 States (excl GOM)	3.09	3.12	3.07	3.18	3.14	3.15	3.12	3.03	3.16	3.22	3.18	3.15	3.12	3.11	3.18
Crude Oil Net Imports (c)	9.77	9.87	9.61	9.78	9.48	9.12	9.11	8.78	8.67	9.10	8.99	8.86	9.75	9.12	8.91
SPR Net Withdrawals	-0.04	-0.06	0.04	0.01	-0.12	-0.12	-0.01	-0.02	0.00	0.00	0.00	0.00	-0.01	-0.07	0.00
Commercial Inventory Net Withdrawals	-0.31	0.21	-0.09	-0.24	-0.44	0.19	0.07	0.06	-0.16	0.10	0.23	0.05	-0.11	-0.03	0.05
Crude Oil Adjustment (d)	0.06	0.04	0.12	0.04	-0.02	0.13	0.00	-0.03	0.04	0.07	0.01	-0.03	0.07	0.02	0.02
Total Crude Oil Input to Refineries	14.60	15.16	14.34	14.50	14.11	14.55	14.40	14.05	13.88	14.61	14.52	14.11	14.65	14.28	14.28
Other Supply															
Refinery Processing Gain	0.99	1.01	0.98	1.00	0.93	1.00	0.96	0.98	0.95	0.96	0.97	1.00	0.99	0.97	0.97
Natural Gas Liquids Production	1.84	1.87	1.73	1.70	1.79	1.90	1.84	1.75	1.71	1.78	1.79	1.74	1.78	1.82	1.76
Renewables and Oxygenate Production (e)	0.59	0.64	0.68	0.70	0.67	0.70	0.74	0.76	0.78	0.81	0.82	0.84	0.65	0.72	0.81
Fuel Ethanol Production	0.54	0.59	0.64	0.66	0.64	0.67	0.71	0.73	0.75	0.77	0.79	0.80	0.61	0.69	0.78
Petroleum Products Adjustment (f)	0.13	0.13	0.13	0.15	0.13	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13
Product Net Imports (c)	1.42	1.45	1.19	1.38	1.29	0.74	0.74	0.82	0.93	1.08	0.92	1.03	1.36	0.89	0.99
Pentanes Plus	-0.01	-0.01	-0.02	-0.01	-0.03	-0.03	-0.04	-0.04	-0.01	0.00	-0.01	0.00	-0.01	-0.03	-0.01
Liquefied Petroleum Gas	0.17	0.14	0.23	0.21	0.13	0.06	0.06	0.08	0.08	0.10	0.10	0.11	0.19	0.08	0.10
Unfinished Oils	0.75	0.76	0.74	0.80	0.68	0.68	0.76	0.71	0.68	0.72	0.74	0.69	0.76	0.71	0.71
Other HC/Oxygenates	-0.03	0.00	0.02	-0.03	-0.04	-0.03	-0.03	-0.04	-0.03	-0.02	-0.02	-0.03	-0.01	-0.03	-0.03
Motor Gasoline Blend Comp.	0.58	0.84	0.81	0.85	0.85	0.71	0.73	0.67	0.69	0.84	0.76	0.71	0.77	0.74	0.75
Finished Motor Gasoline	0.20	0.21	0.10	0.01	0.09	0.05	0.12	0.13	0.08	0.13	0.15	0.12	0.13	0.10	0.12
Jet Fuel	0.06	0.07	0.02	0.02	0.02	0.01	-0.01	-0.01	-0.02	-0.01	-0.04	0.00	0.04	0.00	-0.02
Distillate Fuel Oil	-0.10	-0.36	-0.47	-0.33	-0.26	-0.43	-0.47	-0.30	-0.26	-0.34	-0.39	-0.24	-0.32	-0.36	-0.31
Residual Fuel Oil	-0.02	-0.01	0.00	0.01	0.06	0.00	-0.10	-0.03	-0.01	-0.01	-0.06	0.00	-0.01	-0.02	-0.02
Other Oils (g)	-0.19	-0.20	-0.22	-0.14	-0.21	-0.28	-0.30	-0.35	-0.27	-0.32	-0.30	-0.31	-0.19	-0.29	-0.30
Product Inventory Net Withdrawals	0.47	-0.49	-0.15	-0.12	-0.08	-0.55	-0.07	0.34	0.59	-0.44	-0.22	0.23	-0.07	-0.09	0.04
Total Supply	20.04	19.76	18.90	19.30	18.84	18.47	18.74	18.85	18.97	18.93	18.93	19.09	19.50	18.72	18.98
Consumption (million barrels per day)															
Natural Gas Liquids and Other Liquids															
Pentanes Plus	0.12	0.08	0.07	0.09	0.03	0.06	0.08	0.09	0.09	0.08	0.08	0.10	0.09	0.07	0.09
Liquefied Petroleum Gas	2.29	1.87	1.76	1.89	2.07	1.76	1.83	1.99	2.16	1.77	1.79	1.99	1.95	1.91	1.93
Unfinished Oils	-0.02	-0.06	-0.13	0.11	0.00	-0.19	-0.04	0.00	-0.01	-0.02	-0.03	0.00	-0.03	-0.06	-0.01
Finished Liquid Fuels															
Motor Gasoline	8.92	9.16	8.93	8.95	8.79	9.09	9.12	9.02	8.82	9.18	9.16	9.06	8.99	9.00	9.06
Jet Fuel	1.56	1.61	1.56	1.42	1.38	1.39	1.40	1.41	1.39	1.41	1.40	1.41	1.54	1.39	1.40
Distillate Fuel Oil	4.21	3.93	3.70	3.95	3.91	3.48	3.43	3.68	3.87	3.68	3.59	3.77	3.95	3.62	3.73
Residual Fuel Oil	0.60	0.69	0.57	0.62	0.61	0.59	0.53	0.55	0.58	0.56	0.55	0.61	0.62	0.57	0.57
Other Oils (f)	2.35	2.49	2.43	2.27	2.05	2.30	2.41	2.12	2.06	2.27	2.38	2.15	2.38	2.22	2.22
Total Consumption	20.04	19.76	18.90	19.30	18.84	18.47	18.74	18.85	18.97	18.93	18.93	19.09	19.50	18.72	18.98
Total Liquid Fuels Net Imports	11.19	11.32	10.80	11.15	10.76	9.86	9.85	9.59	9.60	10.19	9.91	9.89	11.11	10.01	9.90
End-of-period Inventories (million barrels)															
Commercial Inventory															
Crude Oil (excluding SPR)	314.7	295.8	304.0	325.8	365.8	348.7	341.8	335.9	350.5	341.2	320.4	316.2	325.8	335.9	316.2
Pentanes Plus	9.0	12.8	15.6	13.8	15.8	17.0	17.1	14.0	13.4	14.5	15.3	12.9	13.8	14.0	12.9
Liquefied Petroleum Gas	63.9	102.5	136.9	113.1	90.2	132.3	154.4	120.2	81.1	117.8	145.4	113.7	113.1	120.2	113.7
Unfinished Oils	90.2	88.7	91.4	83.5	93.8	91.7	87.8	82.5	94.3	90.8	90.2	83.4	83.5	82.5	83.4
Other HC/Oxygenates	14.1	14.8	17.3	15.8	17.2	15.1	15.6	15.2	15.9	16.2	16.6	16.2	15.8	15.2	16.2
Total Motor Gasoline	222.2	210.9	190.0	213.6	216.7	214.0	206.4	216.8	214.9	214.6	207.6	218.6	213.6	216.8	218.6
Finished Motor Gasoline	110.6	107.3	92.6	98.3	88.2	87.9	87.3	94.6	92.2	96.3	94.0	99.6	98.3	94.6	99.6
Motor Gasoline Blend Comp.	111.6	103.6	97.4	115.2	128.5	126.1	119.1	122.2	122.8	118.3	113.7	119.1	115.2	122.2	119.1
Jet Fuel	38.7	39.8	37.8	38.0	41.6	43.9	45.5	43.4	41.2	41.8	41.8	41.3	38.0	43.4	41.3
Distillate Fuel Oil	107.8	121.7	127.7	146.0	143.6	160.0	160.2	157.9	127.4	135.6	144.6	149.5	146.0	157.9	149.5
Residual Fuel Oil	39.9	41.2	38.9	36.1	39.0	37.0	34.5	37.8	38.1	38.6	37.6	40.0	36.1	37.8	40.0
Other Oils (f)	53.9	51.8	42.5	49.3	58.5	55.2	51.0	53.1	62.2	58.9	50.2	52.3	49.3	53.1	52.3
Total Commercial Inventory	954	980	1,002	1,035	1,082	1,115	1,114	1,077	1,039	1,070	1,070	1,044	1,035	1,077	1,044
Crude Oil in SPR	700	706	702	702	713	724	725	727	727	727	727	727	702	727	727
Heating Oil Reserve	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0

- = no data available

(a) Includes lease condensate.

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

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

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

(e) Renewables and oxygenate production includes pentanes plus, oxygenates (excluding fuel ethanol), and renewable fuels.

(f) Petroleum products adjustment includes hydrogen/oxygenates/renewables/other hydrocarbons, motor gasoline blend components, and finished motor gasoline.

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

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

SPR: Strategic Petroleum Reserve

HC: Hydrocarbons

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

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

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

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

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

	2008				2009				2010				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2008	2009	2010
Refinery and Blender Net Inputs															
Crude Oil	14.60	15.16	14.34	14.50	14.11	14.55	<i>14.40</i>	<i>14.05</i>	<i>13.88</i>	<i>14.61</i>	<i>14.52</i>	<i>14.11</i>	14.65	<i>14.28</i>	<i>14.28</i>
Pentanes Plus	0.14	0.15	0.15	0.16	0.15	0.15	<i>0.15</i>	<i>0.15</i>	<i>0.14</i>	<i>0.15</i>	<i>0.15</i>	<i>0.17</i>	0.15	<i>0.15</i>	<i>0.15</i>
Liquefied Petroleum Gas	0.36	0.29	0.27	0.41	0.35	0.28	<i>0.29</i>	<i>0.39</i>	<i>0.34</i>	<i>0.27</i>	<i>0.27</i>	<i>0.39</i>	0.33	<i>0.33</i>	<i>0.32</i>
Other Hydrocarbons/Oxygenates	0.56	0.63	0.68	0.75	0.73	0.78	<i>0.81</i>	<i>0.85</i>	<i>0.88</i>	<i>0.91</i>	<i>0.93</i>	<i>0.94</i>	0.65	<i>0.80</i>	<i>0.92</i>
Unfinished Oils	0.67	0.84	0.84	0.78	0.57	0.90	<i>0.84</i>	<i>0.77</i>	<i>0.55</i>	<i>0.78</i>	<i>0.77</i>	<i>0.77</i>	0.78	<i>0.77</i>	<i>0.72</i>
Motor Gasoline Blend Components	0.39	0.76	0.63	0.56	0.66	0.60	<i>0.64</i>	<i>0.54</i>	<i>0.64</i>	<i>0.78</i>	<i>0.68</i>	<i>0.55</i>	0.58	<i>0.61</i>	<i>0.66</i>
Aviation Gasoline Blend Components	0.00	0.00	0.00	0.00	0.00	0.00	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	0.00	<i>0.00</i>	<i>0.00</i>
Total Refinery and Blender Net Inputs	16.72	17.83	16.90	17.17	16.56	17.26	<i>17.12</i>	<i>16.76</i>	<i>16.43</i>	<i>17.50</i>	<i>17.32</i>	<i>16.94</i>	17.15	<i>16.93</i>	<i>17.05</i>
Refinery Processing Gain	0.99	1.01	0.98	1.00	0.93	1.00	<i>0.96</i>	<i>0.98</i>	<i>0.95</i>	<i>0.96</i>	<i>0.97</i>	<i>1.00</i>	0.99	<i>0.97</i>	<i>0.97</i>
Refinery and Blender Net Production															
Liquefied Petroleum Gas	0.55	0.85	0.72	0.39	0.50	0.82	<i>0.73</i>	<i>0.43</i>	<i>0.53</i>	<i>0.83</i>	<i>0.75</i>	<i>0.44</i>	0.63	<i>0.62</i>	<i>0.64</i>
Finished Motor Gasoline	8.46	8.61	8.30	8.82	8.52	8.85	<i>8.78</i>	<i>8.85</i>	<i>8.65</i>	<i>8.97</i>	<i>8.83</i>	<i>8.89</i>	8.55	<i>8.75</i>	<i>8.84</i>
Jet Fuel	1.49	1.55	1.52	1.40	1.40	1.40	<i>1.42</i>	<i>1.40</i>	<i>1.38</i>	<i>1.43</i>	<i>1.45</i>	<i>1.41</i>	1.49	<i>1.40</i>	<i>1.42</i>
Distillate Fuel	4.02	4.44	4.23	4.48	4.14	4.09	<i>3.90</i>	<i>3.96</i>	<i>3.80</i>	<i>4.10</i>	<i>4.08</i>	<i>4.06</i>	4.29	<i>4.02</i>	<i>4.01</i>
Residual Fuel	0.63	0.71	0.55	0.59	0.58	0.57	<i>0.60</i>	<i>0.62</i>	<i>0.59</i>	<i>0.57</i>	<i>0.60</i>	<i>0.64</i>	0.62	<i>0.59</i>	<i>0.60</i>
Other Oils (a)	2.55	2.67	2.55	2.48	2.36	2.54	<i>2.66</i>	<i>2.49</i>	<i>2.44</i>	<i>2.56</i>	<i>2.59</i>	<i>2.49</i>	2.56	<i>2.51</i>	<i>2.52</i>
Total Refinery and Blender Net Production	17.71	18.84	17.88	18.16	17.49	18.26	<i>18.09</i>	<i>17.75</i>	<i>17.38</i>	<i>18.46</i>	<i>18.30</i>	<i>17.93</i>	18.15	<i>17.90</i>	<i>18.02</i>
Refinery Distillation Inputs	14.89	15.52	14.72	14.98	14.43	14.86	<i>14.81</i>	<i>14.42</i>	<i>14.23</i>	<i>14.95</i>	<i>14.85</i>	<i>14.46</i>	15.03	<i>14.63</i>	<i>14.62</i>
Refinery Operable Distillation Capacity	17.59	17.60	17.61	17.62	17.67	17.66	<i>17.67</i>	<i>17.67</i>	<i>17.67</i>	<i>17.67</i>	<i>17.67</i>	<i>17.67</i>	17.61	<i>17.67</i>	<i>17.67</i>
Refinery Distillation Utilization Factor	0.85	0.88	0.84	0.85	0.82	0.84	<i>0.84</i>	<i>0.82</i>	<i>0.81</i>	<i>0.85</i>	<i>0.84</i>	<i>0.82</i>	0.85	<i>0.83</i>	<i>0.83</i>

- = no data available

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

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

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

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

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

Table 4c. U.S. Regional Motor Gasoline Prices and Inventories

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

	2008				2009				2010				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2008	2009	2010
Prices (cents per gallon)															
Refiner Wholesale Price	249	315	315	154	132	176	196	193	203	211	212	207	258	175	208
Gasoline Regular Grade Retail Prices Excluding Taxes															
PADD 1 (East Coast)	263	325	332	180	140	183	210	205	212	220	223	219	275	185	218
PADD 2 (Midwest)	260	325	331	170	142	186	206	203	212	221	224	218	272	185	219
PADD 3 (Gulf Coast)	260	323	330	172	136	180	205	202	211	219	221	217	271	181	217
PADD 4 (Rocky Mountain)	255	321	343	176	128	182	214	208	208	222	231	222	274	184	221
PADD 5 (West Coast)	268	340	343	191	157	197	233	222	227	241	238	235	286	203	235
U.S. Average	262	327	333	177	142	185	212	207	214	224	226	221	275	187	221
Gasoline Regular Grade Retail Prices Including Taxes															
PADD 1	312	374	383	234	187	229	257	254	261	270	273	269	326	232	268
PADD 2	307	373	381	218	187	231	251	249	258	268	272	265	320	230	266
PADD 3	301	364	374	218	178	221	244	244	252	260	264	259	314	222	259
PADD 4	302	367	391	230	173	226	259	255	255	270	280	271	323	229	269
PADD 5	327	398	406	253	210	251	288	280	284	299	296	292	346	258	293
U.S. Average	311	376	385	230	189	232	259	256	263	273	275	271	326	234	270
Gasoline All Grades Including Taxes	316	381	391	236	194	237	264	261	268	278	280	276	331	239	276
End-of-period Inventories (million barrels)															
Total Gasoline Inventories															
PADD 1	59.4	58.9	45.4	62.6	56.5	56.0	54.4	59.6	59.3	60.1	56.4	61.2	62.6	59.6	61.2
PADD 2	52.7	51.5	49.0	48.2	51.9	51.1	49.8	49.5	48.4	47.9	48.4	50.1	48.2	49.5	50.1
PADD 3	72.1	65.8	62.5	68.7	72.5	71.2	69.4	72.3	72.6	72.7	70.0	72.6	68.7	72.3	72.6
PADD 4	6.7	6.6	6.6	6.9	6.3	6.0	6.0	6.7	6.5	6.2	6.2	6.7	6.9	6.7	6.7
PADD 5	31.3	28.0	26.6	27.1	29.4	29.7	26.8	28.8	28.0	27.6	26.6	28.0	27.1	28.8	28.0
U.S. Total	222.2	210.9	190.0	213.6	216.7	214.0	206.4	216.8	214.9	214.6	207.6	218.6	213.6	216.8	218.6
Finished Gasoline Inventories															
PADD 1	27.0	28.3	19.6	25.7	18.6	18.6	20.1	23.0	20.9	23.0	21.9	24.7	25.7	23.0	24.7
PADD 2	34.8	33.6	30.4	29.5	28.4	26.8	26.6	28.9	28.4	28.6	29.2	30.9	29.5	28.9	30.9
PADD 3	36.3	34.5	32.1	33.9	31.5	32.6	30.9	33.5	32.7	34.2	33.0	34.7	33.9	33.5	34.7
PADD 4	4.7	4.5	4.4	4.7	3.9	4.1	4.1	4.5	4.5	4.4	4.4	4.6	4.7	4.5	4.6
PADD 5	7.8	6.4	6.2	4.6	5.8	5.9	5.5	4.8	5.7	6.1	5.4	4.6	4.6	4.8	4.6
U.S. Total	110.6	107.3	92.6	98.3	88.2	87.9	87.3	94.6	92.2	96.3	94.0	99.6	98.3	94.6	99.6
Gasoline Blending Components Inventories															
PADD 1	32.4	30.6	25.8	37.0	38.0	37.4	34.3	36.6	38.5	37.1	34.5	36.5	37.0	36.6	36.5
PADD 2	17.9	17.9	18.6	18.7	23.4	24.3	23.2	20.6	20.0	19.3	19.2	19.2	18.7	20.6	19.2
PADD 3	35.9	31.3	30.4	34.8	41.1	38.7	38.5	38.8	39.9	38.6	36.9	37.9	34.8	38.8	37.9
PADD 4	1.9	2.2	2.2	2.2	2.4	1.9	1.9	2.2	2.0	1.8	1.8	2.1	2.2	2.2	2.1
PADD 5	23.5	21.6	20.4	22.6	23.6	23.8	21.3	24.0	22.3	21.5	21.2	23.4	22.6	24.0	23.4
U.S. Total	111.6	103.6	97.4	115.2	128.5	126.1	119.1	122.2	122.8	118.3	113.7	119.1	115.2	122.2	119.1

- = 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 - September 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	151	<i>179</i>	<i>193</i>	<i>197</i>	<i>201</i>	<i>203</i>	<i>215</i>	275	<i>163</i>	<i>204</i>
Diesel Fuel	283	365	347	199	138	160	<i>186</i>	<i>196</i>	<i>203</i>	<i>210</i>	<i>212</i>	<i>219</i>	300	<i>169</i>	<i>211</i>
Heating Oil Residential Prices Excluding Taxes															
Northeast	324	381	390	274	238	225	<i>234</i>	<i>256</i>	<i>262</i>	<i>255</i>	<i>256</i>	<i>279</i>	322	<i>241</i>	<i>265</i>
South	327	386	393	272	228	211	<i>228</i>	<i>254</i>	<i>260</i>	<i>250</i>	<i>254</i>	<i>278</i>	322	<i>235</i>	<i>264</i>
Midwest	319	389	382	246	190	195	<i>226</i>	<i>240</i>	<i>245</i>	<i>250</i>	<i>254</i>	<i>266</i>	310	<i>213</i>	<i>253</i>
West	330	399	399	263	217	233	<i>255</i>	<i>262</i>	<i>264</i>	<i>267</i>	<i>271</i>	<i>281</i>	331	<i>238</i>	<i>271</i>
U.S. Average	324	382	390	272	235	223	<i>233</i>	<i>255</i>	<i>261</i>	<i>255</i>	<i>256</i>	<i>278</i>	322	<i>239</i>	<i>265</i>
Heating Oil Residential Prices Including State Taxes															
Northeast	340	400	410	288	250	237	<i>246</i>	<i>269</i>	<i>275</i>	<i>268</i>	<i>269</i>	<i>293</i>	339	<i>253</i>	<i>279</i>
South	342	403	412	284	238	221	<i>238</i>	<i>266</i>	<i>271</i>	<i>261</i>	<i>266</i>	<i>291</i>	336	<i>246</i>	<i>276</i>
Midwest	337	411	403	260	201	206	<i>239</i>	<i>254</i>	<i>259</i>	<i>264</i>	<i>268</i>	<i>281</i>	327	<i>225</i>	<i>267</i>
West	342	413	412	272	225	241	<i>263</i>	<i>272</i>	<i>274</i>	<i>276</i>	<i>279</i>	<i>292</i>	343	<i>247</i>	<i>281</i>
U.S. Average	340	401	409	286	246	234	<i>245</i>	<i>268</i>	<i>274</i>	<i>268</i>	<i>269</i>	<i>292</i>	338	<i>251</i>	<i>278</i>
Total Distillate End-of-period Inventories (million barrels)															
PADD 1 (East Coast)	33.6	42.3	50.8	56.7	54.2	67.9	<i>69.8</i>	<i>68.2</i>	<i>47.1</i>	<i>53.4</i>	<i>64.9</i>	<i>65.4</i>	56.7	<i>68.2</i>	<i>65.4</i>
PADD 2 (Midwest)	28.7	30.3	28.0	32.7	34.6	32.8	<i>32.4</i>	<i>32.0</i>	<i>28.9</i>	<i>30.0</i>	<i>30.0</i>	<i>30.5</i>	32.7	<i>32.0</i>	<i>30.5</i>
PADD 3 (Gulf Coast)	29.9	32.5	33.2	39.7	38.8	43.6	<i>43.7</i>	<i>41.4</i>	<i>36.5</i>	<i>36.7</i>	<i>34.8</i>	<i>37.2</i>	39.7	<i>41.4</i>	<i>37.2</i>
PADD 4 (Rocky Mountain)	3.1	3.4	3.0	3.0	3.4	3.1	<i>2.7</i>	<i>3.2</i>	<i>3.0</i>	<i>3.1</i>	<i>2.8</i>	<i>3.3</i>	3.0	<i>3.2</i>	<i>3.3</i>
PADD 5 (West Coast)	12.5	13.2	12.8	13.9	12.6	12.6	<i>11.6</i>	<i>13.2</i>	<i>11.9</i>	<i>12.4</i>	<i>12.2</i>	<i>13.2</i>	13.9	<i>13.2</i>	<i>13.2</i>
U.S. Total	107.8	121.7	127.7	146.0	143.6	160.0	<i>160.2</i>	<i>157.9</i>	<i>127.4</i>	<i>135.6</i>	<i>144.6</i>	<i>149.5</i>	146.0	<i>157.9</i>	<i>149.5</i>

- = no data available

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

Regions refer to Petroleum Administration for Defense Districts (PADD) 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 - September 2009

	2008				2009				2010				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2008	2009	2010
Prices (cents per gallon)															
Propane Wholesale Price (a)	145	166	172	83	68	72	85	93	94	92	93	102	139	79	95
Propane Residential Prices excluding Taxes															
Northeast	270	289	313	267	255	248	<i>233</i>	<i>234</i>	<i>237</i>	<i>232</i>	<i>228</i>	<i>235</i>	277	<i>245</i>	<i>234</i>
South	257	267	273	246	237	212	<i>193</i>	<i>208</i>	<i>215</i>	<i>202</i>	<i>194</i>	<i>211</i>	257	<i>218</i>	<i>209</i>
Midwest	204	217	227	207	204	176	<i>156</i>	<i>170</i>	<i>176</i>	<i>165</i>	<i>160</i>	<i>175</i>	209	<i>182</i>	<i>172</i>
West	258	255	257	224	218	197	<i>178</i>	<i>201</i>	<i>207</i>	<i>190</i>	<i>181</i>	<i>208</i>	248	<i>203</i>	<i>200</i>
U.S. Average	237	251	257	229	223	202	<i>180</i>	<i>195</i>	<i>202</i>	<i>193</i>	<i>182</i>	<i>199</i>	239	<i>205</i>	<i>197</i>
Propane Residential Prices including State Taxes															
Northeast	282	303	328	280	267	260	<i>244</i>	<i>245</i>	<i>248</i>	<i>243</i>	<i>239</i>	<i>246</i>	290	<i>257</i>	<i>245</i>
South	270	281	288	258	249	223	<i>203</i>	<i>218</i>	<i>226</i>	<i>213</i>	<i>204</i>	<i>222</i>	270	<i>229</i>	<i>220</i>
Midwest	216	229	240	218	215	186	<i>164</i>	<i>179</i>	<i>186</i>	<i>175</i>	<i>168</i>	<i>185</i>	221	<i>192</i>	<i>182</i>
West	272	270	270	237	229	208	<i>188</i>	<i>212</i>	<i>218</i>	<i>200</i>	<i>191</i>	<i>219</i>	262	<i>214</i>	<i>211</i>
U.S. Average	250	265	271	241	235	213	<i>190</i>	<i>205</i>	<i>212</i>	<i>203</i>	<i>192</i>	<i>210</i>	251	<i>216</i>	<i>208</i>
Propane End-of-period Inventories (million barrels)															
PADD 1 (East Coast)	2.5	3.8	4.5	3.5	3.1	3.6	<i>4.0</i>	<i>4.1</i>	<i>2.4</i>	<i>4.1</i>	<i>4.7</i>	<i>4.3</i>	3.5	<i>4.1</i>	<i>4.3</i>
PADD 2 (Midwest)	9.0	17.8	24.5	18.4	13.4	24.2	<i>29.9</i>	<i>24.0</i>	<i>12.1</i>	<i>19.8</i>	<i>25.9</i>	<i>21.6</i>	18.4	<i>24.0</i>	<i>21.6</i>
PADD 3 (Gulf Coast)	13.2	19.5	27.5	31.3	22.5	35.9	<i>35.6</i>	<i>30.6</i>	<i>16.2</i>	<i>25.1</i>	<i>34.0</i>	<i>28.8</i>	31.3	<i>30.6</i>	<i>28.8</i>
PADD 4 (Rocky Mountain)	0.4	0.4	0.4	0.4	0.4	0.4	<i>0.5</i>	<i>0.4</i>	<i>0.4</i>	<i>0.4</i>	<i>0.5</i>	<i>0.4</i>	0.4	<i>0.4</i>	<i>0.4</i>
PADD 5 (West Coast)	0.4	0.9	2.1	1.9	0.5	1.2	<i>1.9</i>	<i>1.4</i>	<i>0.2</i>	<i>1.1</i>	<i>2.3</i>	<i>1.6</i>	1.9	<i>1.4</i>	<i>1.6</i>
U.S. Total	25.6	42.5	59.0	55.4	40.0	65.3	<i>71.8</i>	<i>60.5</i>	<i>31.3</i>	<i>50.5</i>	<i>67.4</i>	<i>56.7</i>	55.4	<i>60.5</i>	<i>56.7</i>

- = no data available

(a) Propane price to petrochemical sector.

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

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

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

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

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

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

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

Table 5a. U.S. Natural Gas Supply, Consumption, and Inventories
 Energy Information Administration/Short-Term Energy Outlook - September 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	60.70	60.50	<i>58.65</i>	<i>56.58</i>	<i>56.31</i>	<i>56.60</i>	<i>57.26</i>	<i>57.97</i>	58.59	<i>59.10</i>	<i>57.04</i>
Alaska	1.23	1.03	0.97	1.19	1.22	1.06	<i>0.97</i>	<i>1.15</i>	<i>1.23</i>	<i>1.02</i>	<i>1.00</i>	<i>1.18</i>	1.10	<i>1.10</i>	<i>1.11</i>
Federal GOM (a)	7.81	6.97	5.58	5.28	6.51	6.91	<i>6.81</i>	<i>6.78</i>	<i>6.80</i>	<i>6.65</i>	<i>6.32</i>	<i>6.37</i>	6.41	<i>6.75</i>	<i>6.53</i>
Lower 48 States (excl GOM)	49.30	50.87	51.32	52.79	52.97	52.53	<i>50.86</i>	<i>48.66</i>	<i>48.29</i>	<i>48.93</i>	<i>49.93</i>	<i>50.42</i>	51.07	<i>51.24</i>	<i>49.40</i>
Total Dry Gas Production	55.88	56.36	55.52	56.95	58.26	57.93	<i>56.15</i>	<i>54.17</i>	<i>53.92</i>	<i>54.19</i>	<i>54.82</i>	<i>55.51</i>	56.18	<i>56.62</i>	<i>54.61</i>
Gross Imports	12.12	9.92	10.46	11.01	11.19	9.41	<i>9.66</i>	<i>10.23</i>	<i>11.21</i>	<i>10.13</i>	<i>10.62</i>	<i>10.55</i>	10.88	<i>10.12</i>	<i>10.62</i>
Pipeline	11.29	8.86	9.39	10.13	10.23	7.71	<i>8.41</i>	<i>9.11</i>	<i>9.59</i>	<i>8.07</i>	<i>8.61</i>	<i>8.99</i>	9.92	<i>8.86</i>	<i>8.82</i>
LNG	0.83	1.06	1.07	0.88	0.96	1.71	<i>1.26</i>	<i>1.12</i>	<i>1.61</i>	<i>2.06</i>	<i>2.01</i>	<i>1.55</i>	0.96	<i>1.26</i>	<i>1.81</i>
Gross Exports	3.52	2.39	2.10	2.98	3.68	2.50	<i>2.13</i>	<i>2.87</i>	<i>3.53</i>	<i>2.39</i>	<i>2.16</i>	<i>3.00</i>	2.75	<i>2.79</i>	<i>2.77</i>
Net Imports	8.59	7.53	8.36	8.03	7.50	6.91	<i>7.53</i>	<i>7.36</i>	<i>7.67</i>	<i>7.74</i>	<i>8.46</i>	<i>7.55</i>	8.13	<i>7.33</i>	<i>7.86</i>
Supplemental Gaseous Fuels	0.12	0.14	0.16	0.17	0.20	0.14	<i>0.15</i>	<i>0.16</i>	<i>0.16</i>	<i>0.14</i>	<i>0.15</i>	<i>0.17</i>	0.15	<i>0.16</i>	<i>0.16</i>
Net Inventory Withdrawals	18.08	-10.25	-10.79	3.53	12.96	-12.19	<i>-9.66</i>	<i>4.34</i>	<i>15.74</i>	<i>-9.27</i>	<i>-8.81</i>	<i>3.56</i>	0.12	<i>-1.19</i>	<i>0.25</i>
Total Supply	82.67	53.79	53.25	68.68	78.92	52.79	<i>54.17</i>	<i>66.03</i>	<i>77.49</i>	<i>52.81</i>	<i>54.62</i>	<i>66.78</i>	64.58	<i>62.92</i>	<i>62.87</i>
Balancing Item (b)	-0.58	1.12	-0.44	-4.72	0.66	-0.51	<i>-1.35</i>	<i>-2.96</i>	<i>0.62</i>	<i>-0.63</i>	<i>-0.93</i>	<i>-3.25</i>	-1.16	<i>-1.05</i>	<i>-1.06</i>
Total Primary Supply	82.09	54.91	52.81	63.96	79.58	52.28	<i>52.82</i>	<i>63.08</i>	<i>78.11</i>	<i>52.17</i>	<i>53.70</i>	<i>63.54</i>	63.42	<i>61.87</i>	<i>61.82</i>
Consumption (billion cubic feet per day)															
Residential	25.84	8.37	3.75	15.30	25.42	8.10	<i>3.85</i>	<i>15.15</i>	<i>25.24</i>	<i>8.39</i>	<i>3.90</i>	<i>15.00</i>	13.29	<i>13.08</i>	<i>13.08</i>
Commercial	14.30	6.23	4.15	9.48	14.30	5.89	<i>4.25</i>	<i>9.29</i>	<i>14.27</i>	<i>6.24</i>	<i>4.28</i>	<i>9.23</i>	8.53	<i>8.41</i>	<i>8.48</i>
Industrial	20.53	17.57	16.57	17.71	18.09	15.38	<i>15.12</i>	<i>16.68</i>	<i>17.98</i>	<i>15.58</i>	<i>15.29</i>	<i>16.85</i>	18.09	<i>16.31</i>	<i>16.42</i>
Electric Power (c)	15.63	17.65	23.36	16.12	15.90	17.79	<i>24.53</i>	<i>16.77</i>	<i>14.97</i>	<i>17.04</i>	<i>25.28</i>	<i>17.18</i>	18.20	<i>18.77</i>	<i>18.64</i>
Lease and Plant Fuel	3.49	3.53	3.46	3.55	3.63	3.62	<i>3.51</i>	<i>3.39</i>	<i>3.37</i>	<i>3.39</i>	<i>3.43</i>	<i>3.47</i>	3.51	<i>3.54</i>	<i>3.42</i>
Pipeline and Distribution Use	2.22	1.48	1.43	1.73	2.15	1.41	<i>1.47</i>	<i>1.71</i>	<i>2.18</i>	<i>1.44</i>	<i>1.44</i>	<i>1.70</i>	1.71	<i>1.68</i>	<i>1.69</i>
Vehicle Use	0.08	0.08	0.08	0.08	0.09	0.09	<i>0.09</i>	<i>0.09</i>	<i>0.09</i>	<i>0.09</i>	<i>0.09</i>	<i>0.09</i>	0.08	<i>0.09</i>	<i>0.09</i>
Total Consumption	82.09	54.91	52.81	63.96	79.58	52.28	<i>52.82</i>	<i>63.08</i>	<i>78.11</i>	<i>52.17</i>	<i>53.70</i>	<i>63.54</i>	63.42	<i>61.87</i>	<i>61.82</i>
End-of-period Inventories (billion cubic feet)															
Working Gas Inventory	1,247	2,171	3,163	2,840	1,656	2,752	<i>3,641</i>	<i>3,242</i>	<i>1,826</i>	<i>2,669</i>	<i>3,479</i>	<i>3,152</i>	2,840	<i>3,242</i>	<i>3,152</i>
Producing Region (d)	497	705	845	901	734	1,003	<i>1,140</i>	<i>1,052</i>	<i>759</i>	<i>956</i>	<i>1,065</i>	<i>1,039</i>	901	<i>1,052</i>	<i>1,039</i>
East Consuming Region (d)	574	1,157	1,887	1,552	644	1,322	<i>1,999</i>	<i>1,705</i>	<i>773</i>	<i>1,327</i>	<i>1,948</i>	<i>1,695</i>	1,552	<i>1,705</i>	<i>1,695</i>
West Consuming Region (d)	176	310	431	388	279	427	<i>502</i>	<i>484</i>	<i>294</i>	<i>386</i>	<i>466</i>	<i>418</i>	388	<i>484</i>	<i>418</i>

- = no data available

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

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

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

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

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

LNG: liquefied natural gas.

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

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

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

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

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

	2008				2009				2010				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2008	2009	2010
Residential Sector															
New England	0.98	0.39	0.16	0.50	0.98	0.33	<i>0.15</i>	<i>0.51</i>	<i>0.96</i>	<i>0.38</i>	<i>0.15</i>	<i>0.49</i>	0.51	<i>0.49</i>	<i>0.49</i>
Middle Atlantic	4.43	1.43	0.62	2.74	4.78	1.44	<i>0.64</i>	<i>2.71</i>	<i>4.62</i>	<i>1.56</i>	<i>0.65</i>	<i>2.70</i>	2.30	<i>2.38</i>	<i>2.37</i>
E. N. Central	7.65	2.32	0.85	4.57	7.50	2.26	<i>0.88</i>	<i>4.37</i>	<i>7.17</i>	<i>2.23</i>	<i>0.86</i>	<i>4.31</i>	3.84	<i>3.73</i>	<i>3.63</i>
W. N. Central	2.64	0.79	0.27	1.40	2.51	0.71	<i>0.28</i>	<i>1.37</i>	<i>2.40</i>	<i>0.70</i>	<i>0.28</i>	<i>1.38</i>	1.27	<i>1.21</i>	<i>1.19</i>
S. Atlantic	2.25	0.58	0.32	1.61	2.44	0.56	<i>0.32</i>	<i>1.54</i>	<i>2.46</i>	<i>0.63</i>	<i>0.34</i>	<i>1.51</i>	1.19	<i>1.21</i>	<i>1.23</i>
E. S. Central	1.06	0.26	0.11	0.60	1.03	0.24	<i>0.12</i>	<i>0.56</i>	<i>1.07</i>	<i>0.26</i>	<i>0.12</i>	<i>0.55</i>	0.51	<i>0.48</i>	<i>0.50</i>
W. S. Central	1.88	0.51	0.28	0.95	1.70	0.53	<i>0.31</i>	<i>0.97</i>	<i>1.91</i>	<i>0.54</i>	<i>0.31</i>	<i>0.91</i>	0.91	<i>0.87</i>	<i>0.91</i>
Mountain	1.96	0.69	0.31	1.12	1.67	0.68	<i>0.32</i>	<i>1.22</i>	<i>1.85</i>	<i>0.68</i>	<i>0.33</i>	<i>1.21</i>	1.02	<i>0.97</i>	<i>1.01</i>
Pacific	2.97	1.41	0.83	1.80	2.80	1.35	<i>0.82</i>	<i>1.92</i>	<i>2.80</i>	<i>1.40</i>	<i>0.85</i>	<i>1.93</i>	1.75	<i>1.72</i>	<i>1.74</i>
Total	25.84	8.37	3.75	15.30	25.42	8.10	<i>3.85</i>	<i>15.15</i>	<i>25.24</i>	<i>8.39</i>	<i>3.90</i>	<i>15.00</i>	13.29	<i>13.08</i>	<i>13.08</i>
Commercial Sector															
New England	0.60	0.26	0.15	0.33	0.61	0.25	<i>0.15</i>	<i>0.34</i>	<i>0.60</i>	<i>0.27</i>	<i>0.15</i>	<i>0.33</i>	0.34	<i>0.33</i>	<i>0.34</i>
Middle Atlantic	2.70	1.19	0.86	1.87	2.81	1.06	<i>0.87</i>	<i>1.80</i>	<i>2.73</i>	<i>1.20</i>	<i>0.86</i>	<i>1.77</i>	1.65	<i>1.63</i>	<i>1.64</i>
E. N. Central	3.71	1.28	0.69	2.34	3.76	1.24	<i>0.71</i>	<i>2.19</i>	<i>3.60</i>	<i>1.26</i>	<i>0.71</i>	<i>2.19</i>	2.00	<i>1.97</i>	<i>1.93</i>
W. N. Central	1.56	0.55	0.29	0.95	1.53	0.52	<i>0.31</i>	<i>0.91</i>	<i>1.51</i>	<i>0.52</i>	<i>0.31</i>	<i>0.91</i>	0.84	<i>0.81</i>	<i>0.81</i>
S. Atlantic	1.51	0.71	0.56	1.20	1.61	0.69	<i>0.57</i>	<i>1.17</i>	<i>1.61</i>	<i>0.74</i>	<i>0.57</i>	<i>1.16</i>	0.99	<i>1.01</i>	<i>1.02</i>
E. S. Central	0.65	0.25	0.17	0.42	0.63	0.24	<i>0.18</i>	<i>0.40</i>	<i>0.65</i>	<i>0.26</i>	<i>0.18</i>	<i>0.40</i>	0.37	<i>0.36</i>	<i>0.37</i>
W. S. Central	1.13	0.60	0.47	0.72	1.08	0.59	<i>0.48</i>	<i>0.75</i>	<i>1.18</i>	<i>0.62</i>	<i>0.49</i>	<i>0.73</i>	0.73	<i>0.72</i>	<i>0.75</i>
Mountain	1.08	0.50	0.28	0.67	0.95	0.48	<i>0.30</i>	<i>0.71</i>	<i>1.04</i>	<i>0.49</i>	<i>0.30</i>	<i>0.71</i>	0.63	<i>0.61</i>	<i>0.63</i>
Pacific	1.35	0.89	0.68	0.98	1.32	0.84	<i>0.69</i>	<i>1.03</i>	<i>1.36</i>	<i>0.89</i>	<i>0.71</i>	<i>1.03</i>	0.98	<i>0.97</i>	<i>1.00</i>
Total	14.30	6.23	4.15	9.48	14.30	5.89	<i>4.25</i>	<i>9.29</i>	<i>14.27</i>	<i>6.24</i>	<i>4.28</i>	<i>9.23</i>	8.53	<i>8.41</i>	<i>8.48</i>
Industrial Sector															
New England	0.36	0.21	0.15	0.25	0.34	0.23	<i>0.16</i>	<i>0.24</i>	<i>0.34</i>	<i>0.22</i>	<i>0.16</i>	<i>0.24</i>	0.24	<i>0.24</i>	<i>0.24</i>
Middle Atlantic	1.13	0.83	0.74	0.88	0.99	0.72	<i>0.67</i>	<i>0.83</i>	<i>0.97</i>	<i>0.72</i>	<i>0.66</i>	<i>0.82</i>	0.89	<i>0.80</i>	<i>0.79</i>
E. N. Central	3.84	2.81	2.42	2.90	3.32	2.21	<i>2.04</i>	<i>2.66</i>	<i>3.19</i>	<i>2.21</i>	<i>2.04</i>	<i>2.67</i>	2.99	<i>2.55</i>	<i>2.52</i>
W. N. Central	1.65	1.33	1.29	1.47	1.53	1.20	<i>1.22</i>	<i>1.40</i>	<i>1.53</i>	<i>1.22</i>	<i>1.24</i>	<i>1.42</i>	1.43	<i>1.34</i>	<i>1.35</i>
S. Atlantic	1.59	1.43	1.34	1.29	1.36	1.27	<i>1.23</i>	<i>1.27</i>	<i>1.36</i>	<i>1.29</i>	<i>1.22</i>	<i>1.27</i>	1.41	<i>1.28</i>	<i>1.28</i>
E. S. Central	1.40	1.21	1.11	1.14	1.16	1.01	<i>0.97</i>	<i>1.09</i>	<i>1.16</i>	<i>1.01</i>	<i>0.98</i>	<i>1.10</i>	1.21	<i>1.05</i>	<i>1.06</i>
W. S. Central	7.02	6.63	6.36	6.35	6.06	5.80	<i>5.80</i>	<i>5.95</i>	<i>6.09</i>	<i>5.88</i>	<i>5.87</i>	<i>6.02</i>	6.59	<i>5.90</i>	<i>5.96</i>
Mountain	0.96	0.75	0.69	0.87	0.88	0.69	<i>0.65</i>	<i>0.81</i>	<i>0.89</i>	<i>0.70</i>	<i>0.67</i>	<i>0.82</i>	0.82	<i>0.76</i>	<i>0.77</i>
Pacific	2.59	2.37	2.48	2.56	2.45	2.25	<i>2.39</i>	<i>2.43</i>	<i>2.46</i>	<i>2.34</i>	<i>2.45</i>	<i>2.49</i>	2.50	<i>2.38</i>	<i>2.43</i>
Total	20.53	17.57	16.57	17.71	18.09	15.38	<i>15.12</i>	<i>16.68</i>	<i>17.98</i>	<i>15.58</i>	<i>15.29</i>	<i>16.85</i>	18.09	<i>16.31</i>	<i>16.42</i>

- = no data available

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

Regions refer to U.S. Census divisions.

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

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

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

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

Energy Information Administration/Short-Term Energy Outlook - September 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	4.36	3.44	2.98	2.72	3.99	3.92	4.02	4.74	8.08	3.38	4.17
Henry Hub Spot Price	8.91	11.72	9.29	6.60	4.71	3.82	3.05	3.03	4.60	4.59	4.49	5.45	9.12	3.65	4.78
Residential															
New England	16.19	17.98	21.63	17.46	17.28	17.40	18.16	14.27	13.88	13.99	16.93	15.25	17.27	16.58	14.48
Middle Atlantic	14.62	17.63	21.88	16.76	15.15	15.24	17.37	13.06	12.82	14.04	17.23	14.63	16.22	14.71	13.85
E. N. Central	11.39	14.94	19.51	12.43	10.96	10.85	13.96	9.12	9.13	10.50	14.18	10.89	12.68	10.58	10.17
W. N. Central	11.20	14.37	20.22	11.07	10.21	10.86	14.40	9.58	9.59	10.63	15.04	10.99	12.14	10.37	10.48
S. Atlantic	15.29	20.88	26.98	16.35	14.65	18.51	23.11	15.75	14.53	17.44	22.40	16.61	17.12	16.02	16.10
E. S. Central	13.41	17.51	23.07	15.09	13.43	14.76	17.94	13.34	12.28	13.88	17.53	14.17	14.98	13.85	13.34
W. S. Central	11.93	17.93	21.40	12.74	11.36	13.16	15.52	11.30	10.53	12.93	16.79	13.75	13.72	11.99	12.23
Mountain	10.43	12.36	15.61	10.84	10.58	10.52	13.47	9.09	9.28	9.73	12.30	9.27	11.26	10.33	9.60
Pacific	12.12	14.37	15.54	11.24	10.74	10.06	9.45	8.11	9.48	9.74	10.48	10.32	12.75	9.71	9.89
U.S. Average	12.44	15.59	19.25	13.33	12.20	12.27	14.25	10.68	10.70	11.66	14.44	12.18	13.67	11.92	11.56
Commercial															
New England	14.22	15.31	17.34	14.77	14.23	12.80	11.34	11.06	11.78	11.20	11.40	12.57	14.87	12.86	11.82
Middle Atlantic	12.97	14.40	14.71	13.07	12.23	10.23	8.50	9.21	10.22	9.40	9.18	11.16	13.42	10.45	10.16
E. N. Central	10.50	13.23	14.97	11.11	9.70	8.10	8.01	7.53	8.46	8.70	9.18	9.31	11.38	8.66	8.79
W. N. Central	10.59	12.25	13.72	9.60	9.45	8.05	7.51	6.80	7.87	8.04	8.41	8.63	10.82	8.31	8.15
S. Atlantic	13.00	14.61	15.79	13.36	12.24	11.29	10.38	10.21	10.51	10.35	10.88	11.82	13.72	11.09	10.87
E. S. Central	12.41	14.65	16.50	13.68	12.33	11.02	10.63	10.21	10.34	10.08	10.52	11.60	13.57	11.31	10.66
W. S. Central	10.61	13.11	13.50	10.58	9.64	8.63	7.91	7.46	7.69	7.77	8.63	9.54	11.53	8.59	8.30
Mountain	9.47	10.52	11.65	9.80	9.32	8.77	8.91	7.51	7.58	7.55	8.21	8.39	9.99	8.62	7.88
Pacific	11.23	12.45	13.15	10.58	10.27	8.92	7.73	7.32	8.56	7.87	8.06	8.85	11.63	8.76	8.41
U.S. Average	11.35	13.12	14.17	11.46	10.66	9.29	8.66	8.27	9.00	8.76	9.16	9.88	11.99	9.47	9.21
Industrial															
New England	13.06	14.65	15.55	12.79	13.70	11.73	8.75	9.12	10.50	9.32	8.94	10.83	13.66	11.25	10.09
Middle Atlantic	12.38	13.35	14.09	13.40	11.39	8.81	7.02	7.62	9.14	7.85	7.85	9.58	13.05	9.06	8.79
E. N. Central	9.85	11.74	12.41	9.90	9.44	6.59	6.08	5.81	7.00	6.84	6.95	7.60	10.57	7.51	7.13
W. N. Central	9.09	10.12	10.41	7.74	7.79	5.11	4.42	4.38	6.11	5.44	5.26	6.31	9.23	5.51	5.84
S. Atlantic	10.65	12.63	13.08	10.54	8.68	6.30	5.95	6.21	7.37	6.64	6.86	7.99	11.63	6.74	7.25
E. S. Central	9.46	11.60	11.94	9.45	7.99	5.56	5.37	5.51	6.61	6.20	6.39	7.38	10.53	6.16	6.67
W. S. Central	8.08	10.89	10.36	6.56	4.73	3.76	3.68	3.16	4.58	4.70	4.64	5.40	9.04	3.79	4.83
Mountain	9.26	9.95	10.01	8.44	8.30	7.06	6.25	5.84	6.51	6.13	6.10	6.80	9.35	6.90	6.42
Pacific	9.74	10.81	10.95	8.95	8.47	7.43	6.32	6.14	6.32	5.20	5.41	6.98	10.07	7.03	6.00
U.S. Average	8.88	11.09	10.77	7.62	6.55	4.63	4.32	4.12	5.59	5.19	5.10	6.13	9.58	4.90	5.52

- = 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 - September 2009

	2008				2009				2010				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2008	2009	2010
Supply (million short tons)															
Production	289.1	283.9	299.0	299.4	281.4	260.6	<i>265.0</i>	<i>271.2</i>	<i>265.4</i>	<i>247.8</i>	<i>259.9</i>	<i>290.0</i>	1171.5	<i>1078.1</i>	<i>1063.2</i>
Appalachia	97.8	99.1	95.4	98.6	94.8	88.1	<i>84.6</i>	<i>83.2</i>	<i>86.3</i>	<i>80.6</i>	<i>84.2</i>	<i>92.2</i>	390.8	<i>350.7</i>	<i>343.2</i>
Interior	35.5	35.0	37.9	38.7	37.1	34.4	<i>35.0</i>	<i>35.8</i>	<i>35.0</i>	<i>32.7</i>	<i>34.3</i>	<i>38.3</i>	147.1	<i>142.2</i>	<i>140.2</i>
Western	155.8	149.8	165.8	162.2	149.6	138.0	<i>145.3</i>	<i>152.2</i>	<i>144.1</i>	<i>134.6</i>	<i>141.5</i>	<i>159.6</i>	633.6	<i>585.2</i>	<i>579.8</i>
Primary Inventory Withdrawals	1.5	1.1	1.2	2.9	-1.6	-3.0	<i>7.6</i>	<i>-0.3</i>	<i>-4.2</i>	<i>-3.0</i>	<i>7.6</i>	<i>-0.3</i>	6.7	<i>2.6</i>	<i>0.0</i>
Imports	7.6	9.0	8.5	9.1	6.3	5.4	<i>5.4</i>	<i>6.8</i>	<i>6.9</i>	<i>8.5</i>	<i>9.2</i>	<i>8.5</i>	34.2	<i>23.9</i>	<i>33.0</i>
Exports	15.8	23.1	20.3	22.3	13.3	13.0	<i>18.7</i>	<i>16.4</i>	<i>15.0</i>	<i>21.4</i>	<i>23.2</i>	<i>21.0</i>	81.5	<i>61.3</i>	<i>80.5</i>
Metallurgical Coal	9.1	12.6	10.6	10.4	8.5	6.5	<i>7.5</i>	<i>9.2</i>	<i>6.3</i>	<i>9.0</i>	<i>9.9</i>	<i>11.9</i>	42.5	<i>31.7</i>	<i>37.1</i>
Steam Coal	6.7	10.5	9.8	12.0	4.9	6.4	<i>11.2</i>	<i>7.2</i>	<i>8.7</i>	<i>12.5</i>	<i>13.3</i>	<i>9.1</i>	39.0	<i>29.6</i>	<i>43.5</i>
Total Primary Supply	282.5	270.9	288.3	289.1	272.9	250.0	<i>259.3</i>	<i>261.2</i>	<i>253.1</i>	<i>231.8</i>	<i>253.5</i>	<i>277.2</i>	1130.8	<i>1043.4</i>	<i>1015.7</i>
Secondary Inventory Withdrawals	5.1	-7.4	7.6	-18.4	-12.7	-21.8	<i>19.3</i>	<i>-5.2</i>	<i>5.1</i>	<i>0.2</i>	<i>18.4</i>	<i>-16.6</i>	-13.1	<i>-20.4</i>	<i>7.1</i>
Waste Coal (a)	3.3	3.3	3.5	3.7	3.0	3.7	<i>3.7</i>	<i>3.7</i>	<i>3.7</i>	<i>3.7</i>	<i>3.7</i>	<i>3.7</i>	13.7	<i>14.3</i>	<i>15.0</i>
Total Supply	290.8	266.7	299.5	274.5	263.2	231.9	<i>282.3</i>	<i>259.8</i>	<i>262.0</i>	<i>235.7</i>	<i>275.7</i>	<i>264.4</i>	1131.5	<i>1037.2</i>	<i>1037.8</i>
Consumption (million short tons)															
Coke Plants	5.5	5.6	5.8	5.2	4.4	2.9	<i>2.6</i>	<i>2.8</i>	<i>3.3</i>	<i>3.5</i>	<i>3.2</i>	<i>3.4</i>	22.1	<i>12.7</i>	<i>13.5</i>
Electric Power Sector (b)	263.3	247.9	279.2	251.2	237.5	217.3	<i>256.2</i>	<i>245.1</i>	<i>246.1</i>	<i>219.9</i>	<i>259.4</i>	<i>247.4</i>	1041.6	<i>956.1</i>	<i>972.8</i>
Retail and Other Industry	15.2	14.6	14.3	14.0	13.2	12.3	<i>11.5</i>	<i>11.9</i>	<i>12.5</i>	<i>12.4</i>	<i>13.0</i>	<i>13.6</i>	58.0	<i>48.9</i>	<i>51.5</i>
Residential and Commercial	1.1	0.7	0.7	0.9	1.1	0.6	<i>0.6</i>	<i>1.0</i>	<i>1.0</i>	<i>0.6</i>	<i>0.6</i>	<i>1.0</i>	3.5	<i>3.2</i>	<i>3.2</i>
Other Industrial	14.1	13.9	13.6	13.0	12.1	11.7	<i>10.9</i>	<i>10.9</i>	<i>11.6</i>	<i>11.8</i>	<i>12.4</i>	<i>12.6</i>	54.5	<i>45.7</i>	<i>48.3</i>
Total Consumption	284.0	268.1	299.3	270.4	255.1	232.5	<i>270.4</i>	<i>259.8</i>	<i>262.0</i>	<i>235.7</i>	<i>275.7</i>	<i>264.4</i>	1121.7	<i>1017.8</i>	<i>1037.8</i>
Discrepancy (c)	6.8	-1.4	0.2	4.1	8.1	-0.5	<i>11.9</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	9.8	<i>19.4</i>	<i>0.0</i>
End-of-period Inventories (million short tons)															
Primary Inventories (d)	32.5	31.4	30.2	27.3	28.9	31.9	<i>24.3</i>	<i>24.7</i>	<i>28.9</i>	<i>31.9</i>	<i>24.3</i>	<i>24.7</i>	27.3	<i>24.7</i>	<i>24.7</i>
Secondary Inventories	153.7	161.1	153.5	171.9	184.6	206.4	<i>187.2</i>	<i>192.3</i>	<i>187.2</i>	<i>187.1</i>	<i>168.7</i>	<i>185.2</i>	171.9	<i>192.3</i>	<i>185.2</i>
Electric Power Sector	147.0	153.9	145.8	163.1	176.6	198.2	<i>178.5</i>	<i>183.5</i>	<i>178.6</i>	<i>178.2</i>	<i>159.5</i>	<i>175.9</i>	163.1	<i>183.5</i>	<i>175.9</i>
Retail and General Industry	4.8	5.0	5.2	6.0	5.4	5.6	<i>5.9</i>	<i>6.3</i>	<i>6.2</i>	<i>6.4</i>	<i>6.6</i>	<i>6.8</i>	6.0	<i>6.3</i>	<i>6.8</i>
Coke Plants	1.5	1.8	2.0	2.3	2.1	2.1	<i>2.1</i>	<i>2.0</i>	<i>1.9</i>	<i>1.9</i>	<i>2.0</i>	<i>1.9</i>	2.3	<i>2.0</i>	<i>1.9</i>
Coal Market Indicators															
Coal Miner Productivity															
(Tons per hour)	5.96	5.96	5.96	5.96	6.00	6.00	<i>6.00</i>	<i>6.00</i>	<i>6.06</i>	<i>6.06</i>	<i>6.06</i>	<i>6.06</i>	5.96	<i>6.00</i>	<i>6.06</i>
Total Raw Steel Production															
(Million short tons per day)	0.302	0.303	0.298	0.200	0.146	0.153	<i>0.181</i>	<i>0.170</i>	<i>0.158</i>	<i>0.168</i>	<i>0.167</i>	<i>0.170</i>	0.276	<i>0.162</i>	<i>0.166</i>
Cost of Coal to Electric Utilities															
(Dollars per million Btu)	1.91	2.04	2.16	2.18	2.27	2.24	<i>2.20</i>	<i>2.11</i>	<i>2.04</i>	<i>2.00</i>	<i>1.97</i>	<i>1.96</i>	2.07	<i>2.20</i>	<i>1.99</i>

- = no data available

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

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

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

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

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

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

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

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

Table 7a. U.S. Electricity Industry Overview

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

	2008				2009				2010				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2008	2009	2010
Electricity Supply (billion kilowatthours per day)															
Electricity Generation	11.10	11.00	12.25	10.56	10.71	10.43	11.85	10.48	10.80	10.43	12.09	10.62	11.23	10.87	10.99
Electric Power Sector (a)	10.70	10.61	11.85	10.19	10.34	10.06	11.46	10.11	10.42	10.08	11.70	10.25	10.84	10.49	10.62
Industrial Sector	0.38	0.37	0.38	0.34	0.36	0.34	0.36	0.35	0.36	0.33	0.36	0.35	0.37	0.35	0.35
Commercial Sector	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Net Imports	0.09	0.09	0.13	0.05	0.06	0.08	0.08	0.04	0.06	0.05	0.08	0.05	0.09	0.07	0.06
Total Supply	11.20	11.09	12.38	10.61	10.78	10.51	11.93	10.52	10.86	10.48	12.17	10.67	11.32	10.94	11.05
Losses and Unaccounted for (b) ...	0.63	0.88	0.74	0.71	0.53	0.91	0.71	0.69	0.53	0.81	0.73	0.70	0.74	0.71	0.69
Electricity Consumption (billion kilowatthours per day)															
Retail Sales	10.14	9.80	11.22	9.51	9.85	9.23	10.81	9.44	9.92	9.30	11.03	9.58	10.17	9.83	9.96
Residential Sector	3.94	3.35	4.34	3.44	3.97	3.29	4.31	3.51	4.07	3.30	4.42	3.58	3.77	3.77	3.84
Commercial Sector	3.52	3.65	4.09	3.52	3.50	3.55	3.97	3.51	3.53	3.60	4.09	3.59	3.70	3.63	3.70
Industrial Sector	2.66	2.77	2.77	2.53	2.35	2.37	2.51	2.40	2.31	2.38	2.51	2.40	2.68	2.41	2.40
Transportation Sector	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Direct Use (c)	0.43	0.41	0.43	0.38	0.40	0.38	0.41	0.39	0.40	0.37	0.41	0.39	0.41	0.39	0.39
Total Consumption	10.57	10.21	11.64	9.90	10.25	9.61	11.22	9.83	10.32	9.67	11.44	9.97	10.58	10.23	10.35
Prices															
Power Generation Fuel Costs (dollars per million Btu)															
Coal	1.91	2.04	2.16	2.18	2.27	2.24	2.20	2.11	2.04	2.00	1.97	1.96	2.07	2.20	1.99
Natural Gas	8.57	11.08	9.75	6.67	5.44	4.43	3.76	3.46	4.88	4.82	4.83	5.54	9.13	4.20	5.00
Residual Fuel Oil	12.90	15.44	17.75	10.28	7.26	8.56	10.44	11.21	11.25	11.21	11.16	11.38	14.40	8.90	11.24
Distillate Fuel Oil	18.86	23.38	23.99	14.88	11.40	11.92	12.94	13.79	14.10	14.34	14.63	15.25	20.27	12.52	14.59
End-Use Prices (cents per kilowatthour)															
Residential Sector	10.4	11.5	12.1	11.4	11.2	11.8	12.1	11.4	10.9	11.7	11.9	11.1	11.4	11.6	11.4
Commercial Sector	9.5	10.3	11.0	10.2	10.1	10.2	10.9	10.2	9.9	10.1	10.7	10.1	10.3	10.4	10.2
Industrial Sector	6.4	6.9	7.6	7.1	6.9	7.0	7.4	6.9	6.7	6.8	7.3	6.8	7.0	7.0	6.9

- = no data available

(a) Electric utilities and independent power producers.

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

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

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

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

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

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

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

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

	2008				2009				2010				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2008	2009	2010
Residential Sector															
New England	140	112	138	123	144	110	133	127	144	113	138	129	128	128	131
Middle Atlantic	385	318	407	336	399	306	393	349	403	318	407	349	362	361	369
E. N. Central	575	439	562	497	570	434	532	494	568	445	576	500	519	507	522
W. N. Central	316	237	308	263	315	240	295	261	317	242	329	266	281	278	288
S. Atlantic	954	861	1,110	857	997	840	1,119	872	1,032	822	1,131	897	946	957	970
E. S. Central	355	281	383	293	355	276	386	297	367	271	397	300	328	329	334
W. S. Central	502	500	680	445	495	490	710	477	523	482	692	488	532	544	546
Mountain	250	228	324	225	239	229	311	229	248	233	316	235	257	252	258
Pacific contiguous	446	362	416	385	442	353	421	390	448	363	416	398	402	401	406
AK and HI	16	13	13	14	15	13	14	15	15	13	14	15	14	14	14
Total	3,938	3,352	4,342	3,439	3,972	3,291	4,312	3,511	4,066	3,301	4,415	3,577	3,769	3,772	3,840
Commercial Sector															
New England	154	150	168	146	133	123	142	128	137	127	139	126	155	131	132
Middle Atlantic	447	434	493	431	449	421	479	433	453	435	498	440	451	446	457
E. N. Central	552	547	608	540	553	533	564	520	552	543	599	540	562	542	558
W. N. Central	262	260	290	261	263	259	281	259	259	260	294	264	268	266	269
S. Atlantic	782	840	931	785	786	826	906	788	784	823	935	811	835	827	839
E. S. Central	217	228	263	216	215	223	255	219	217	224	265	223	231	228	233
W. S. Central	407	460	519	417	417	454	547	444	437	467	555	454	451	466	478
Mountain	240	257	290	250	237	251	281	248	235	256	286	251	259	255	257
Pacific contiguous	443	456	508	458	432	445	500	450	436	451	501	460	466	457	462
AK and HI	17	17	17	17	17	17	18	17	17	17	18	18	17	17	18
Total	3,521	3,649	4,087	3,522	3,503	3,552	3,972	3,507	3,527	3,603	4,091	3,586	3,695	3,634	3,703
Industrial Sector															
New England	60	63	64	59	79	77	80	77	75	76	79	76	62	78	77
Middle Atlantic	196	202	202	188	177	175	186	183	177	181	185	175	197	180	180
E. N. Central	532	534	526	486	445	435	445	432	424	424	432	424	519	439	426
W. N. Central	231	235	245	230	203	200	230	222	205	206	232	224	235	214	217
S. Atlantic	409	434	426	383	348	359	377	354	339	357	375	354	413	360	356
E. S. Central	369	362	348	345	313	301	315	337	324	320	328	344	356	316	329
W. S. Central	415	455	441	386	366	378	401	361	352	369	396	359	424	377	369
Mountain	210	232	242	213	196	207	229	211	204	222	242	219	224	211	222
Pacific contiguous	225	242	258	230	211	221	232	212	198	212	223	209	239	219	210
AK and HI	14	14	14	14	13	14	15	14	13	14	14	14	14	14	14
Total	2,661	2,773	2,767	2,533	2,352	2,367	2,508	2,403	2,310	2,380	2,506	2,398	2,683	2,408	2,399
Total All Sectors (a)															
New England	356	327	371	330	357	311	356	334	359	317	358	333	346	339	341
Middle Atlantic	1,039	965	1,113	966	1,038	912	1,068	975	1,045	943	1,101	975	1,021	998	1,016
E. N. Central	1,662	1,521	1,697	1,525	1,569	1,404	1,542	1,448	1,545	1,413	1,609	1,466	1,601	1,491	1,508
W. N. Central	808	733	844	754	782	699	806	742	781	708	855	754	785	757	775
S. Atlantic	2,148	2,139	2,471	2,029	2,135	2,028	2,405	2,018	2,158	2,006	2,445	2,066	2,197	2,147	2,169
E. S. Central	941	871	994	854	883	801	955	853	908	815	990	867	915	873	895
W. S. Central	1,324	1,416	1,640	1,248	1,279	1,323	1,658	1,282	1,312	1,318	1,642	1,302	1,407	1,386	1,394
Mountain	701	717	857	687	673	687	821	688	687	712	845	705	741	718	737
Pacific contiguous	1,117	1,062	1,184	1,076	1,088	1,021	1,155	1,055	1,084	1,028	1,142	1,068	1,110	1,080	1,081
AK and HI	47	45	45	46	45	44	46	46	46	44	46	47	46	45	46
Total	10,142	9,795	11,217	9,515	9,849	9,229	10,812	9,441	9,924	9,303	11,032	9,582	10,168	9,835	9,962

- = 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 - September 2009

	2008				2009				2010				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2008	2009	2010
Residential Sector															
New England	16.7	17.4	18.0	18.2	17.8	17.9	18.0	17.8	17.3	17.4	17.4	17.5	17.6	17.9	17.4
Middle Atlantic	13.8	15.5	16.7	14.5	14.2	15.3	16.4	14.8	14.3	15.2	16.2	14.5	15.2	15.2	15.0
E. N. Central	9.5	10.8	11.0	10.7	10.4	11.4	11.4	10.7	10.3	11.2	11.3	10.6	10.5	11.0	10.8
W. N. Central	7.7	9.1	9.6	8.6	8.3	9.6	9.9	8.7	8.1	9.4	9.7	8.4	8.7	9.1	8.9
S. Atlantic	9.9	10.7	11.3	10.9	11.0	11.4	11.7	11.0	10.7	11.2	11.3	10.7	10.7	11.3	11.0
E. S. Central	8.2	9.3	9.7	9.9	9.5	9.8	9.8	9.6	9.1	9.5	9.4	9.0	9.3	9.7	9.3
W. S. Central	10.4	11.9	12.7	11.9	11.5	11.5	12.0	11.4	10.7	11.5	11.8	11.2	11.8	11.7	11.4
Mountain	8.9	10.2	10.5	9.6	9.3	10.3	10.6	9.7	9.2	10.1	10.5	9.6	9.8	10.0	9.9
Pacific	11.3	11.8	13.0	11.8	11.5	12.3	13.1	11.7	11.5	12.3	12.8	11.6	11.9	12.2	12.1
U.S. Average	10.3	11.5	12.1	11.4	11.2	11.8	12.1	11.4	10.9	11.7	11.9	11.1	11.4	11.6	11.4
Commercial Sector															
New England	14.6	15.5	16.1	15.6	16.2	15.7	15.9	15.3	15.0	15.0	15.6	15.4	15.5	15.8	15.3
Middle Atlantic	12.8	14.3	15.6	13.1	13.1	13.3	15.0	13.5	13.0	13.3	15.0	13.4	14.0	13.8	13.7
E. N. Central	8.4	8.9	9.1	9.0	8.9	9.0	9.3	9.0	8.6	8.8	9.1	8.8	8.9	9.1	8.8
W. N. Central	6.5	7.3	7.8	6.8	6.9	7.6	8.0	6.9	6.7	7.4	7.8	6.8	7.1	7.4	7.2
S. Atlantic	8.8	9.2	9.8	9.7	9.8	9.7	10.0	9.7	9.5	9.5	9.6	9.4	9.4	9.8	9.5
E. S. Central	8.2	8.8	9.3	9.6	9.4	9.2	9.4	9.3	9.2	9.2	9.0	9.1	9.0	9.3	9.1
W. S. Central	9.3	10.3	10.8	9.9	9.5	9.2	9.9	9.8	9.3	9.2	9.7	9.8	10.1	9.6	9.5
Mountain	7.7	8.6	8.9	8.1	7.9	8.5	9.0	8.4	7.8	8.2	8.7	8.1	8.3	8.5	8.2
Pacific	10.1	11.5	12.8	11.2	10.7	12.0	13.3	11.5	10.9	12.1	13.3	11.4	11.4	11.9	12.0
U.S. Average	9.5	10.3	11.0	10.2	10.1	10.2	10.9	10.2	9.9	10.1	10.7	10.1	10.3	10.4	10.2
Industrial Sector															
New England	12.8	13.2	13.7	13.4	12.1	11.9	12.9	13.0	12.3	11.9	12.6	13.0	13.3	12.5	12.5
Middle Atlantic	8.4	8.8	9.2	8.3	8.5	8.6	9.0	8.5	8.3	8.3	8.9	8.4	8.7	8.6	8.5
E. N. Central	6.0	6.3	6.7	6.6	6.7	6.8	7.0	6.6	6.5	6.6	6.8	6.4	6.4	6.8	6.5
W. N. Central	4.9	5.3	5.9	5.2	5.5	5.8	6.0	5.1	5.3	5.5	5.9	5.1	5.4	5.6	5.5
S. Atlantic	5.8	6.2	6.8	6.6	6.7	6.8	7.2	6.6	6.4	6.5	7.0	6.4	6.3	6.8	6.6
E. S. Central	5.0	5.5	6.2	6.2	5.9	6.0	6.5	5.8	5.6	5.9	6.5	5.6	5.7	6.0	5.9
W. S. Central	7.2	8.3	8.9	7.9	7.2	6.5	7.0	7.1	6.7	6.3	6.8	7.0	8.1	6.9	6.7
Mountain	5.6	6.1	6.7	5.7	5.6	6.0	6.6	5.9	5.6	5.8	6.4	5.8	6.0	6.0	5.9
Pacific	7.5	7.7	8.8	8.1	7.4	8.2	9.1	8.1	7.6	8.2	9.1	8.2	8.0	8.2	8.3
U.S. Average	6.4	6.9	7.6	7.1	6.9	7.0	7.4	6.9	6.7	6.8	7.3	6.8	7.0	7.0	6.9
All Sectors (a)															
New England	15.1	15.7	16.4	16.2	15.9	15.5	16.0	15.7	15.3	15.1	15.6	15.6	15.8	15.8	15.4
Middle Atlantic	12.3	13.5	14.9	12.7	12.7	13.1	14.5	13.0	12.7	12.9	14.4	12.9	13.4	13.4	13.2
E. N. Central	8.0	8.5	9.0	8.8	8.8	9.1	9.3	8.8	8.6	8.9	9.2	8.7	8.6	9.0	8.9
W. N. Central	6.5	7.3	7.9	6.9	7.1	7.8	8.1	7.0	6.9	7.5	8.0	6.9	7.2	7.5	7.3
S. Atlantic	8.7	9.2	10.0	9.6	9.9	9.9	10.3	9.7	9.6	9.7	10.0	9.4	9.4	10.0	9.7
E. S. Central	6.9	7.6	8.4	8.4	8.2	8.2	8.6	8.0	7.9	8.0	8.3	7.7	7.8	8.3	8.0
W. S. Central	9.1	10.2	11.1	10.0	9.6	9.3	10.1	9.6	9.2	9.3	9.9	9.6	10.2	9.7	9.5
Mountain	7.5	8.3	8.9	7.8	7.7	8.3	8.9	8.1	7.7	8.1	8.7	7.9	8.2	8.3	8.1
Pacific	10.0	10.7	12.0	10.7	10.4	11.3	12.4	10.9	10.5	11.4	12.3	10.9	10.9	11.3	11.3
U.S. Average	9.0	9.8	10.6	9.8	9.8	9.9	10.6	9.8	9.6	9.8	10.4	9.7	9.8	10.0	9.9

- = 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 - September 2009

	2008				2009				2010				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2008	2009	2010
Electric Power Sector (a)															
Coal	5.571	5.167	5.721	5.138	4.973	4.458	<i>5.182</i>	<i>4.965</i>	<i>5.121</i>	<i>4.503</i>	<i>5.213</i>	<i>4.973</i>	5.399	<i>4.895</i>	<i>4.953</i>
Natural Gas	1.902	2.079	2.791	1.951	1.958	2.146	<i>2.952</i>	<i>2.031</i>	<i>1.830</i>	<i>2.052</i>	<i>3.058</i>	<i>2.098</i>	2.182	<i>2.274</i>	<i>2.262</i>
Other Gases	0.010	0.010	0.009	0.007	0.007	0.008	<i>0.009</i>	<i>0.009</i>	<i>0.010</i>	<i>0.010</i>	<i>0.010</i>	<i>0.010</i>	0.009	<i>0.009</i>	<i>0.010</i>
Petroleum	0.113	0.120	0.122	0.107	0.130	0.095	<i>0.097</i>	<i>0.092</i>	<i>0.108</i>	<i>0.103</i>	<i>0.113</i>	<i>0.103</i>	0.116	<i>0.104</i>	<i>0.107</i>
Residual Fuel Oil	0.052	0.066	0.070	0.055	0.067	0.040	<i>0.038</i>	<i>0.026</i>	<i>0.033</i>	<i>0.036</i>	<i>0.037</i>	<i>0.033</i>	0.060	<i>0.042</i>	<i>0.034</i>
Distillate Fuel Oil	0.022	0.018	0.015	0.015	0.024	0.017	<i>0.012</i>	<i>0.011</i>	<i>0.018</i>	<i>0.012</i>	<i>0.012</i>	<i>0.014</i>	0.017	<i>0.016</i>	<i>0.014</i>
Petroleum Coke	0.036	0.034	0.035	0.035	0.035	0.035	<i>0.046</i>	<i>0.053</i>	<i>0.054</i>	<i>0.054</i>	<i>0.062</i>	<i>0.055</i>	0.035	<i>0.043</i>	<i>0.056</i>
Other Petroleum	0.004	0.003	0.003	0.003	0.005	0.003	<i>0.002</i>	<i>0.002</i>	<i>0.003</i>	<i>0.001</i>	<i>0.002</i>	<i>0.002</i>	0.003	<i>0.003</i>	<i>0.002</i>
Nuclear	2.204	2.115	2.326	2.164	2.274	2.130	<i>2.292</i>	<i>2.150</i>	<i>2.259</i>	<i>2.185</i>	<i>2.324</i>	<i>2.156</i>	2.203	<i>2.211</i>	<i>2.231</i>
Pumped Storage Hydroelectric	-0.019	-0.012	-0.021	-0.016	-0.012	-0.010	<i>-0.017</i>	<i>-0.016</i>	<i>-0.015</i>	<i>-0.015</i>	<i>-0.017</i>	<i>-0.016</i>	-0.017	<i>-0.014</i>	<i>-0.016</i>
Other Fuels (b)	0.018	0.020	0.019	0.018	0.018	0.019	<i>0.020</i>	<i>0.019</i>	<i>0.018</i>	<i>0.018</i>	<i>0.020</i>	<i>0.019</i>	0.019	<i>0.019</i>	<i>0.019</i>
Renewables:															
Conventional Hydroelectric	0.649	0.832	0.657	0.552	0.690	0.916	<i>0.666</i>	<i>0.591</i>	<i>0.744</i>	<i>0.859</i>	<i>0.668</i>	<i>0.598</i>	0.672	<i>0.715</i>	<i>0.717</i>
Geothermal	0.039	0.041	0.042	0.041	0.041	0.039	<i>0.041</i>	<i>0.042</i>	<i>0.042</i>	<i>0.042</i>	<i>0.044</i>	<i>0.043</i>	0.041	<i>0.041</i>	<i>0.043</i>
Solar	0.001	0.003	0.003	0.001	0.001	0.003	<i>0.003</i>	<i>0.001</i>	<i>0.002</i>	<i>0.004</i>	<i>0.006</i>	<i>0.002</i>	0.002	<i>0.002</i>	<i>0.003</i>
Wind	0.138	0.166	0.105	0.160	0.188	0.193	<i>0.138</i>	<i>0.151</i>	<i>0.228</i>	<i>0.240</i>	<i>0.182</i>	<i>0.187</i>	0.142	<i>0.167</i>	<i>0.209</i>
Wood and Wood Waste	0.031	0.027	0.032	0.030	0.030	0.026	<i>0.033</i>	<i>0.031</i>	<i>0.032</i>	<i>0.028</i>	<i>0.033</i>	<i>0.032</i>	0.030	<i>0.030</i>	<i>0.031</i>
Other Renewables	0.039	0.043	0.040	0.040	0.039	0.041	<i>0.043</i>	<i>0.043</i>	<i>0.045</i>	<i>0.048</i>	<i>0.050</i>	<i>0.049</i>	0.041	<i>0.042</i>	<i>0.048</i>
Subtotal Electric Power Sector	10.696	10.611	11.848	10.193	10.338	10.064	<i>11.460</i>	<i>10.110</i>	<i>10.422</i>	<i>10.078</i>	<i>11.704</i>	<i>10.255</i>	10.838	<i>10.495</i>	<i>10.617</i>
Commercial Sector (c)															
Coal	0.003	0.003	0.004	0.003	0.003	0.003	<i>0.003</i>	<i>0.003</i>	<i>0.004</i>	<i>0.003</i>	<i>0.004</i>	<i>0.003</i>	0.003	<i>0.003</i>	<i>0.003</i>
Natural Gas	0.012	0.010	0.012	0.011	0.011	0.011	<i>0.012</i>	<i>0.011</i>	<i>0.011</i>	<i>0.011</i>	<i>0.012</i>	<i>0.012</i>	0.011	<i>0.011</i>	<i>0.011</i>
Petroleum	0.000	0.000	0.000	0.000	0.001	0.000	<i>0.001</i>	<i>0.001</i>	<i>0.001</i>	<i>0.000</i>	<i>0.001</i>	<i>0.000</i>	0.000	<i>0.001</i>	<i>0.001</i>
Other Fuels (b)	0.002	0.002	0.002	0.002	0.002	0.002	<i>0.002</i>	<i>0.002</i>	<i>0.002</i>	<i>0.002</i>	<i>0.002</i>	<i>0.002</i>	0.002	<i>0.002</i>	<i>0.002</i>
Renewables (d)	0.004	0.005	0.005	0.004	0.004	0.005	<i>0.005</i>	<i>0.004</i>	<i>0.004</i>	<i>0.005</i>	<i>0.005</i>	<i>0.004</i>	0.004	<i>0.004</i>	<i>0.004</i>
Subtotal Commercial Sector	0.021	0.022	0.023	0.021	0.021	0.021	<i>0.023</i>	<i>0.021</i>	<i>0.022</i>	<i>0.022</i>	<i>0.024</i>	<i>0.022</i>	0.022	<i>0.021</i>	<i>0.022</i>
Industrial Sector (c)															
Coal	0.046	0.047	0.050	0.043	0.041	0.039	<i>0.043</i>	<i>0.044</i>	<i>0.045</i>	<i>0.045</i>	<i>0.047</i>	<i>0.046</i>	0.046	<i>0.042</i>	<i>0.046</i>
Natural Gas	0.213	0.201	0.207	0.191	0.201	0.192	<i>0.200</i>	<i>0.189</i>	<i>0.197</i>	<i>0.177</i>	<i>0.195</i>	<i>0.188</i>	0.203	<i>0.196</i>	<i>0.189</i>
Other Gases	0.025	0.024	0.025	0.017	0.018	0.019	<i>0.024</i>	<i>0.018</i>	<i>0.018</i>	<i>0.018</i>	<i>0.024</i>	<i>0.018</i>	0.023	<i>0.020</i>	<i>0.019</i>
Petroleum	0.009	0.007	0.008	0.008	0.010	0.008	<i>0.009</i>	<i>0.009</i>	<i>0.010</i>	<i>0.008</i>	<i>0.009</i>	<i>0.009</i>	0.008	<i>0.009</i>	<i>0.009</i>
Other Fuels (b)	0.007	0.008	0.008	0.006	0.008	0.011	<i>0.008</i>	<i>0.006</i>	<i>0.008</i>	<i>0.010</i>	<i>0.008</i>	<i>0.006</i>	0.007	<i>0.008</i>	<i>0.008</i>
Renewables:															
Conventional Hydroelectric	0.008	0.005	0.004	0.004	0.005	0.006	<i>0.004</i>	<i>0.004</i>	<i>0.005</i>	<i>0.006</i>	<i>0.004</i>	<i>0.004</i>	0.005	<i>0.005</i>	<i>0.005</i>
Wood and Wood Waste	0.077	0.076	0.079	0.073	0.071	0.069	<i>0.075</i>	<i>0.074</i>	<i>0.071</i>	<i>0.066</i>	<i>0.074</i>	<i>0.074</i>	0.076	<i>0.072</i>	<i>0.071</i>
Other Renewables (e)	0.002	0.002	0.002	0.001	0.002	0.001	<i>0.001</i>	<i>0.001</i>	<i>0.002</i>	<i>0.001</i>	<i>0.001</i>	<i>0.001</i>	0.002	<i>0.001</i>	<i>0.001</i>
Subtotal Industrial Sector	0.385	0.372	0.383	0.343	0.356	0.345	<i>0.364</i>	<i>0.345</i>	<i>0.357</i>	<i>0.331</i>	<i>0.361</i>	<i>0.345</i>	0.371	<i>0.353</i>	<i>0.349</i>
Total All Sectors	11.103	11.004	12.253	10.557	10.715	10.430	<i>11.847</i>	<i>10.476</i>	<i>10.800</i>	<i>10.431</i>	<i>12.090</i>	<i>10.622</i>	11.230	<i>10.869</i>	<i>10.988</i>

- = no data available

(a) Electric utilities and independent power producers.

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

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

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

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

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

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

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

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

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

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

	2008				2009				2010				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2008	2009	2010
Electric Power Sector (a)															
Coal (mmst/d)	2.88	2.71	3.02	2.72	2.63	2.38	<i>2.77</i>	<i>2.65</i>	<i>2.72</i>	<i>2.41</i>	<i>2.81</i>	<i>2.68</i>	2.84	<i>2.61</i>	<i>2.66</i>
Natural Gas (bcf/d)	14.67	16.67	22.37	15.20	15.00	16.96	<i>23.65</i>	<i>15.80</i>	<i>13.98</i>	<i>16.16</i>	<i>24.24</i>	<i>16.13</i>	17.24	<i>17.87</i>	<i>17.65</i>
Petroleum (mmb/d) (b)	0.20	0.21	0.22	0.19	0.23	0.17	<i>0.18</i>	<i>0.17</i>	<i>0.20</i>	<i>0.19</i>	<i>0.21</i>	<i>0.19</i>	0.21	<i>0.19</i>	<i>0.20</i>
Residual Fuel Oil (mmb/d)	0.09	0.11	0.12	0.09	0.11	0.07	<i>0.06</i>	<i>0.04</i>	<i>0.05</i>	<i>0.06</i>	<i>0.06</i>	<i>0.05</i>	0.10	<i>0.07</i>	<i>0.06</i>
Distillate Fuel Oil (mmb/d)	0.04	0.03	0.03	0.03	0.04	0.03	<i>0.02</i>	<i>0.02</i>	<i>0.03</i>	<i>0.02</i>	<i>0.02</i>	<i>0.03</i>	0.03	<i>0.03</i>	<i>0.03</i>
Petroleum Coke (mmst/d)	0.07	0.07	0.07	0.07	0.07	0.07	<i>0.09</i>	<i>0.11</i>	<i>0.11</i>	<i>0.11</i>	<i>0.12</i>	<i>0.11</i>	0.07	<i>0.08</i>	<i>0.11</i>
Other Petroleum (mmb/d)	0.01	0.01	0.00	0.01	0.01	0.01	<i>0.00</i>	<i>0.00</i>	<i>0.01</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	0.01	<i>0.01</i>	<i>0.00</i>
Commercial Sector (c)															
Coal (mmst/d)	0.00	0.00	0.00	0.00	0.00	0.00	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	0.00	<i>0.00</i>	<i>0.00</i>
Natural Gas (bcf/d)	0.09	0.08	0.09	0.08	0.09	0.08	<i>0.09</i>	<i>0.09</i>	<i>0.09</i>	<i>0.08</i>	<i>0.10</i>	<i>0.09</i>	0.09	<i>0.09</i>	<i>0.09</i>
Petroleum (mmb/d) (b)	0.00	0.00	0.00	0.00	0.00	0.00	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	0.00	<i>0.00</i>	<i>0.00</i>
Industrial Sector (c)															
Coal (mmst/d)	0.01	0.02	0.02	0.01	0.01	0.01	<i>0.02</i>	<i>0.02</i>	<i>0.02</i>	<i>0.02</i>	<i>0.02</i>	<i>0.02</i>	0.02	<i>0.01</i>	<i>0.02</i>
Natural Gas (bcf/d)	1.41	1.33	1.37	1.27	1.35	1.32	<i>1.42</i>	<i>1.36</i>	<i>1.40</i>	<i>1.28</i>	<i>1.40</i>	<i>1.35</i>	1.35	<i>1.36</i>	<i>1.36</i>
Petroleum (mmb/d) (b)	0.01	0.01	0.01	0.01	0.01	0.01	<i>0.01</i>	<i>0.01</i>	<i>0.01</i>	<i>0.01</i>	<i>0.01</i>	<i>0.01</i>	0.01	<i>0.01</i>	<i>0.01</i>
Total All Sectors															
Coal (mmst/d)	2.90	2.73	3.04	2.73	2.64	2.39	<i>2.79</i>	<i>2.67</i>	<i>2.74</i>	<i>2.42</i>	<i>2.83</i>	<i>2.70</i>	2.85	<i>2.62</i>	<i>2.67</i>
Natural Gas (bcf/d)	16.18	18.08	23.83	16.55	16.44	18.36	<i>25.16</i>	<i>17.25</i>	<i>15.47</i>	<i>17.52</i>	<i>25.74</i>	<i>17.57</i>	18.67	<i>19.32</i>	<i>19.10</i>
Petroleum (mmb/d) (b)	0.22	0.22	0.23	0.20	0.24	0.18	<i>0.19</i>	<i>0.19</i>	<i>0.22</i>	<i>0.20</i>	<i>0.23</i>	<i>0.21</i>	0.22	<i>0.20</i>	<i>0.21</i>
End-of-period Fuel Inventories Held by Electric Power Sector															
Coal (mmst)	147.0	153.9	145.8	163.1	176.6	198.2	<i>178.5</i>	<i>183.5</i>	<i>178.6</i>	<i>178.2</i>	<i>159.5</i>	<i>175.9</i>	163.1	<i>183.5</i>	<i>175.9</i>
Residual Fuel Oil (mmb)	23.1	24.3	22.3	21.7	22.0	21.7	<i>19.8</i>	<i>19.3</i>	<i>18.5</i>	<i>19.1</i>	<i>16.8</i>	<i>18.0</i>	21.7	<i>19.3</i>	<i>18.0</i>
Distillate Fuel Oil (mmb)	18.4	18.4	18.3	18.9	18.7	19.4	<i>19.3</i>	<i>19.7</i>	<i>18.9</i>	<i>18.8</i>	<i>18.7</i>	<i>19.2</i>	18.9	<i>19.7</i>	<i>19.2</i>
Petroleum Coke (mmb)	3.3	3.7	3.6	4.0	3.8	4.0	<i>4.1</i>	<i>4.2</i>	<i>4.4</i>	<i>4.3</i>	<i>4.5</i>	<i>4.1</i>	4.0	<i>4.2</i>	<i>4.1</i>

- = no data available

(a) Electric utilities and independent power producers.

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

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

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

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

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

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

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

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

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

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

	2008				2009				2010				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2008	2009	2010
Supply															
Hydroelectric Power (a)	0.591	0.754	0.602	0.506	0.618	0.830	<i>0.609</i>	<i>0.541</i>	<i>0.667</i>	<i>0.779</i>	<i>0.611</i>	<i>0.548</i>	2.452	2.599	2.604
Geothermal	0.085	0.091	0.092	0.090	0.088	0.088	<i>0.091</i>	<i>0.092</i>	<i>0.091</i>	<i>0.092</i>	<i>0.096</i>	<i>0.095</i>	0.358	0.360	0.375
Solar	0.022	0.024	0.024	0.022	0.021	0.024	<i>0.024</i>	<i>0.022</i>	<i>0.022</i>	<i>0.025</i>	<i>0.026</i>	<i>0.023</i>	0.091	0.091	0.095
Wind	0.124	0.149	0.096	0.145	0.167	0.174	<i>0.125</i>	<i>0.137</i>	<i>0.203</i>	<i>0.216</i>	<i>0.165</i>	<i>0.170</i>	0.514	0.603	0.754
Wood	0.507	0.506	0.521	0.507	0.482	0.476	<i>0.513</i>	<i>0.507</i>	<i>0.488</i>	<i>0.464</i>	<i>0.513</i>	<i>0.509</i>	2.041	1.978	1.974
Ethanol (b)	0.174	0.190	0.207	0.214	0.203	0.215	<i>0.232</i>	<i>0.237</i>	<i>0.238</i>	<i>0.249</i>	<i>0.257</i>	<i>0.262</i>	0.784	0.888	1.006
Biodiesel (b)	0.018	0.022	0.025	0.022	0.013	0.014	<i>0.019</i>	<i>0.020</i>	<i>0.020</i>	<i>0.023</i>	<i>0.023</i>	<i>0.023</i>	0.087	0.066	0.088
Other Renewables	0.110	0.108	0.107	0.106	0.108	0.108	<i>0.117</i>	<i>0.111</i>	<i>0.123</i>	<i>0.113</i>	<i>0.128</i>	<i>0.121</i>	0.431	0.443	0.485
Total	1.631	1.842	1.673	1.612	1.701	1.928	<i>1.731</i>	<i>1.668</i>	<i>1.853</i>	<i>1.959</i>	<i>1.818</i>	<i>1.751</i>	6.758	7.028	7.381
Consumption															
Electric Power Sector															
Hydroelectric Power (a)	0.584	0.748	0.598	0.502	0.613	0.824	<i>0.606</i>	<i>0.538</i>	<i>0.662</i>	<i>0.773</i>	<i>0.607</i>	<i>0.544</i>	2.432	2.581	2.586
Geothermal	0.074	0.079	0.081	0.079	0.077	0.076	<i>0.080</i>	<i>0.081</i>	<i>0.080</i>	<i>0.080</i>	<i>0.084</i>	<i>0.084</i>	0.312	0.314	0.328
Solar	0.001	0.003	0.003	0.001	0.001	0.003	<i>0.003</i>	<i>0.001</i>	<i>0.002</i>	<i>0.004</i>	<i>0.005</i>	<i>0.002</i>	0.008	0.008	0.013
Wind	0.124	0.149	0.096	0.145	0.167	0.174	<i>0.125</i>	<i>0.137</i>	<i>0.203</i>	<i>0.216</i>	<i>0.165</i>	<i>0.170</i>	0.514	0.603	0.754
Wood	0.047	0.041	0.047	0.045	0.044	0.042	<i>0.050</i>	<i>0.048</i>	<i>0.048</i>	<i>0.044</i>	<i>0.051</i>	<i>0.049</i>	0.181	0.185	0.192
Other Renewables	0.061	0.061	0.060	0.059	0.060	0.060	<i>0.065</i>	<i>0.066</i>	<i>0.067</i>	<i>0.071</i>	<i>0.076</i>	<i>0.075</i>	0.242	0.251	0.289
Subtotal	0.892	1.082	0.885	0.831	0.962	1.178	<i>0.929</i>	<i>0.870</i>	<i>1.061</i>	<i>1.188</i>	<i>0.989</i>	<i>0.924</i>	3.690	3.940	4.162
Industrial Sector															
Hydroelectric Power (a)	0.007	0.005	0.004	0.004	0.005	0.005	<i>0.003</i>	<i>0.004</i>	<i>0.005</i>	<i>0.005</i>	<i>0.003</i>	<i>0.004</i>	0.019	0.017	0.017
Geothermal	0.001	0.001	0.001	0.001	0.001	0.001	<i>0.001</i>	<i>0.001</i>	<i>0.001</i>	<i>0.001</i>	<i>0.001</i>	<i>0.001</i>	0.005	0.005	0.005
Wood and Wood Waste	0.320	0.325	0.332	0.321	0.299	0.292	<i>0.324</i>	<i>0.318</i>	<i>0.299</i>	<i>0.283</i>	<i>0.321</i>	<i>0.317</i>	1.298	1.233	1.220
Other Renewables	0.040	0.039	0.039	0.039	0.039	0.040	<i>0.043</i>	<i>0.037</i>	<i>0.048</i>	<i>0.033</i>	<i>0.043</i>	<i>0.038</i>	0.157	0.159	0.162
Subtotal	0.371	0.374	0.380	0.368	0.347	0.343	<i>0.376</i>	<i>0.364</i>	<i>0.357</i>	<i>0.327</i>	<i>0.374</i>	<i>0.364</i>	1.492	1.430	1.422
Commercial Sector															
Hydroelectric Power (a)	0.000	0.000	0.000	0.000	0.000	0.000	<i>0.000</i>	<i>0.000</i>	<i>0.000</i>	<i>0.000</i>	<i>0.000</i>	<i>0.000</i>	0.001	0.001	0.001
Geothermal	0.004	0.004	0.004	0.004	0.004	0.004	<i>0.004</i>	<i>0.004</i>	<i>0.004</i>	<i>0.004</i>	<i>0.004</i>	<i>0.004</i>	0.015	0.015	0.015
Wood and Wood Waste	0.018	0.018	0.018	0.018	0.018	0.020	<i>0.016</i>	<i>0.019</i>	<i>0.019</i>	<i>0.014</i>	<i>0.017</i>	<i>0.020</i>	0.072	0.073	0.070
Other Renewables	0.008	0.008	0.008	0.008	0.009	0.008	<i>0.009</i>	<i>0.008</i>	<i>0.008</i>	<i>0.009</i>	<i>0.009</i>	<i>0.008</i>	0.032	0.034	0.035
Subtotal	0.031	0.031	0.030	0.030	0.032	0.033	<i>0.030</i>	<i>0.032</i>	<i>0.031</i>	<i>0.028</i>	<i>0.032</i>	<i>0.033</i>	0.123	0.126	0.124
Residential Sector															
Geothermal	0.007	0.007	0.007	0.007	0.007	0.007	<i>0.007</i>	<i>0.007</i>	<i>0.007</i>	<i>0.007</i>	<i>0.007</i>	<i>0.007</i>	0.026	0.026	0.026
Biomass	0.122	0.122	0.123	0.123	0.121	0.122	<i>0.124</i>	<i>0.123</i>	<i>0.123</i>	<i>0.123</i>	<i>0.123</i>	<i>0.123</i>	0.490	0.490	0.491
Solar	0.021	0.021	0.021	0.021	0.020	0.021	<i>0.021</i>	<i>0.021</i>	<i>0.021</i>	<i>0.021</i>	<i>0.021</i>	<i>0.021</i>	0.083	0.083	0.083
Subtotal	0.149	0.149	0.151	0.151	0.148	0.149	<i>0.152</i>	<i>0.150</i>	<i>0.150</i>	<i>0.150</i>	<i>0.150</i>	<i>0.150</i>	0.599	0.599	0.601
Transportation Sector															
Ethanol (b)	0.172	0.200	0.218	0.226	0.200	0.226	<i>0.238</i>	<i>0.242</i>	<i>0.243</i>	<i>0.256</i>	<i>0.264</i>	<i>0.270</i>	0.816	0.906	1.032
Biodiesel (b)	0.008	0.005	0.014	0.014	0.007	0.012	<i>0.018</i>	<i>0.019</i>	<i>0.020</i>	<i>0.023</i>	<i>0.023</i>	<i>0.023</i>	0.041	0.056	0.088
Total Consumption	1.619	1.837	1.673	1.615	1.692	1.935	<i>1.735</i>	<i>1.673</i>	<i>1.856</i>	<i>1.966</i>	<i>1.826</i>	<i>1.758</i>	6.744	7.034	7.407

- = 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 Indicators and CO₂ Emissions
 Energy Information Administration/Short-Term Energy Outlook - September 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	11,361	11,298	<i>11,307</i>	<i>11,324</i>	<i>11,346</i>	<i>11,406</i>	<i>11,463</i>	<i>11,558</i>	11,652	<i>11,322</i>	<i>11,443</i>
Real Disposable Personal Income															
(billion chained 2000 Dollars - SAAR)	8,668	8,891	8,696	8,758	8,887	9,025	<i>8,923</i>	<i>8,909</i>	<i>8,838</i>	<i>8,907</i>	<i>8,948</i>	<i>8,939</i>	8,753	<i>8,936</i>	<i>8,908</i>
Real Fixed Investment															
(billion chained 2000 dollars-SAAR)	1,762	1,755	1,731	1,627	1,446	1,388	<i>1,359</i>	<i>1,343</i>	<i>1,353</i>	<i>1,365</i>	<i>1,394</i>	<i>1,454</i>	1,719	<i>1,384</i>	<i>1,392</i>
Business Inventory Change															
(billion chained 2000 dollars-SAAR)	13.75	-25.98	-25.63	-0.73	-11.62	-25.88	<i>-26.34</i>	<i>-27.66</i>	<i>-22.82</i>	<i>-11.42</i>	<i>-2.47</i>	<i>2.40</i>	-9.65	<i>-22.88</i>	<i>-8.58</i>
Housing Stock															
(millions)	123.1	123.2	123.3	123.4	123.5	123.5	<i>123.5</i>	<i>123.5</i>	<i>123.5</i>	<i>123.6</i>	<i>123.6</i>	<i>123.7</i>	123.4	<i>123.5</i>	<i>123.7</i>
Non-Farm Employment															
(millions)	137.9	137.5	137.0	135.7	133.7	132.2	<i>131.4</i>	<i>130.9</i>	<i>130.8</i>	<i>131.0</i>	<i>131.2</i>	<i>131.6</i>	137.0	<i>132.0</i>	<i>131.2</i>
Commercial Employment															
(millions)	91.8	91.6	91.3	90.6	89.5	88.7	<i>88.6</i>	<i>88.5</i>	<i>88.8</i>	<i>89.1</i>	<i>89.7</i>	<i>90.2</i>	91.3	<i>88.8</i>	<i>89.4</i>
Industrial Production Indices (Index, 2002=100)															
Total Industrial Production	112.0	110.7	108.1	104.4	99.1	96.2	<i>97.2</i>	<i>97.7</i>	<i>97.7</i>	<i>97.7</i>	<i>98.3</i>	<i>99.0</i>	108.8	<i>97.5</i>	<i>98.2</i>
Manufacturing	114.1	112.6	109.9	104.5	98.3	95.9	<i>97.2</i>	<i>97.3</i>	<i>97.3</i>	<i>97.3</i>	<i>98.0</i>	<i>99.0</i>	110.3	<i>97.2</i>	<i>97.9</i>
Food	111.7	111.6	110.5	110.7	108.9	110.0	<i>110.4</i>	<i>110.6</i>	<i>110.9</i>	<i>111.1</i>	<i>111.6</i>	<i>112.2</i>	111.1	<i>110.0</i>	<i>111.5</i>
Paper	94.8	94.9	93.2	85.7	80.6	77.4	<i>77.2</i>	<i>77.1</i>	<i>77.2</i>	<i>77.2</i>	<i>77.3</i>	<i>77.8</i>	92.1	<i>78.1</i>	<i>77.4</i>
Chemicals	113.3	111.8	107.1	102.9	100.8	101.1	<i>101.1</i>	<i>101.3</i>	<i>101.5</i>	<i>101.5</i>	<i>101.9</i>	<i>102.6</i>	108.8	<i>101.1</i>	<i>101.9</i>
Petroleum	111.3	112.0	106.8	109.9	107.7	106.8	<i>106.9</i>	<i>106.7</i>	<i>106.3</i>	<i>106.2</i>	<i>106.5</i>	<i>106.7</i>	110.0	<i>107.0</i>	<i>106.4</i>
Stone, Clay, Glass	104.2	102.3	101.1	95.0	84.4	81.6	<i>79.7</i>	<i>78.9</i>	<i>78.7</i>	<i>79.1</i>	<i>80.0</i>	<i>81.3</i>	100.7	<i>81.1</i>	<i>79.8</i>
Primary Metals	111.9	108.5	106.9	82.2	64.1	60.7	<i>60.4</i>	<i>60.2</i>	<i>59.9</i>	<i>59.8</i>	<i>61.7</i>	<i>63.8</i>	102.4	<i>61.4</i>	<i>61.3</i>
Resins and Synthetic Products	104.5	103.7	92.0	86.8	90.2	95.0	<i>93.3</i>	<i>92.5</i>	<i>92.2</i>	<i>91.8</i>	<i>91.6</i>	<i>92.0</i>	96.8	<i>92.7</i>	<i>91.9</i>
Agricultural Chemicals	109.4	109.3	106.3	89.9	87.8	94.7	<i>95.2</i>	<i>95.2</i>	<i>94.7</i>	<i>94.0</i>	<i>94.2</i>	<i>94.9</i>	103.7	<i>93.2</i>	<i>94.4</i>
Natural Gas-weighted (a)	109.2	108.0	103.2	95.6	90.5	90.8	<i>90.4</i>	<i>90.2</i>	<i>90.0</i>	<i>89.8</i>	<i>90.2</i>	<i>90.9</i>	104.0	<i>90.5</i>	<i>90.2</i>
Price Indexes															
Consumer Price Index															
(index, 1982-1984=1.00)	2.13	2.15	2.19	2.14	2.13	2.13	<i>2.15</i>	<i>2.17</i>	<i>2.19</i>	<i>2.19</i>	<i>2.20</i>	<i>2.22</i>	2.15	<i>2.15</i>	<i>2.20</i>
Producer Price Index: All Commodities															
(index, 1982=1.00)	1.85	1.94	2.00	1.79	1.71	1.69	<i>1.71</i>	<i>1.73</i>	<i>1.76</i>	<i>1.76</i>	<i>1.77</i>	<i>1.79</i>	1.90	<i>1.71</i>	<i>1.77</i>
Producer Price Index: Petroleum															
(index, 1982=1.00)	2.58	3.18	3.28	1.83	1.37	1.66	<i>1.94</i>	<i>1.98</i>	<i>2.04</i>	<i>2.10</i>	<i>2.11</i>	<i>2.12</i>	2.72	<i>1.73</i>	<i>2.09</i>
GDP Implicit Price Deflator															
(index, 2000=100)	121.6	122.0	123.1	123.3	124.2	124.1	<i>124.3</i>	<i>124.9</i>	<i>125.7</i>	<i>125.8</i>	<i>126.2</i>	<i>127.0</i>	122.5	<i>124.4</i>	<i>126.2</i>
Miscellaneous															
Vehicle Miles Traveled (b)															
(million miles/day)	7,725	8,321	8,147	7,866	7,598	8,376	<i>8,235</i>	<i>7,873</i>	<i>7,639</i>	<i>8,400</i>	<i>8,260</i>	<i>7,911</i>	8,014	<i>8,022</i>	<i>8,054</i>
Air Travel Capacity															
(Available ton-miles/day, thousands)	543	558	546	513	493	498	<i>489</i>	<i>494</i>	<i>494</i>	<i>498</i>	<i>494</i>	<i>497</i>	540	<i>494</i>	<i>496</i>
Aircraft Utilization															
(Revenue ton-miles/day, thousands)	323	346	338	298	275	296	<i>292</i>	<i>286</i>	<i>284</i>	<i>297</i>	<i>293</i>	<i>290</i>	326	<i>287</i>	<i>291</i>
Airline Ticket Price Index															
(index, 1982-1984=100)	263.5	288.1	305.6	270.7	252.7	249.8	<i>262.2</i>	<i>263.7</i>	<i>273.9</i>	<i>290.4</i>	<i>293.9</i>	<i>280.2</i>	282.0	<i>257.1</i>	<i>284.6</i>
Raw Steel Production															
(million short tons per day)	0.302	0.303	0.298	0.200	0.146	0.153	<i>0.181</i>	<i>0.170</i>	<i>0.158</i>	<i>0.168</i>	<i>0.167</i>	<i>0.170</i>	0.276	<i>0.162</i>	<i>0.166</i>
Carbon Dioxide (CO₂) Emissions (million metric tons)															
Petroleum	616	608	584	605	576	567	<i>580</i>	<i>582</i>	<i>572</i>	<i>579</i>	<i>581</i>	<i>589</i>	2,413	<i>2,305</i>	<i>2,321</i>
Natural Gas	403	267	260	316	387	255	<i>261</i>	<i>312</i>	<i>378</i>	<i>255</i>	<i>266</i>	<i>314</i>	1,247	<i>1,216</i>	<i>1,213</i>
Coal	540	511	568	512	483	441	<i>508</i>	<i>489</i>	<i>494</i>	<i>444</i>	<i>519</i>	<i>498</i>	2,130	<i>1,921</i>	<i>1,954</i>
Total Fossil Fuels	1,559	1,386	1,412	1,433	1,446	1,263	<i>1,349</i>	<i>1,384</i>	<i>1,444</i>	<i>1,279</i>	<i>1,365</i>	<i>1,401</i>	5,790	<i>5,442</i>	<i>5,488</i>

- = no data available

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

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

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

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

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

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

Table 9b. U.S. Regional Macroeconomic Data

Energy Information Administration/Short-Term Energy Outlook - September 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	647	637	629	626	627	628	629	632	634	639	643	628	633
Middle Atlantic	1,800	1,815	1,815	1,788	1,768	1,761	1,762	1,765	1,764	1,769	1,775	1,788	1,805	1,764	1,774
E. N. Central	1,648	1,655	1,648	1,617	1,588	1,574	1,572	1,571	1,572	1,578	1,584	1,594	1,642	1,576	1,582
W. N. Central	739	747	748	738	730	725	724	724	725	725	727	731	743	726	727
S. Atlantic	2,117	2,128	2,121	2,083	2,054	2,043	2,047	2,052	2,058	2,071	2,082	2,101	2,112	2,049	2,078
E. S. Central	548	551	551	541	534	531	532	532	533	535	538	542	548	532	537
W. S. Central	1,252	1,264	1,266	1,248	1,234	1,229	1,231	1,234	1,238	1,247	1,255	1,266	1,258	1,232	1,252
Mountain	759	765	764	752	740	736	737	737	739	744	748	755	760	737	746
Pacific	2,043	2,057	2,055	2,021	1,989	1,978	1,981	1,986	1,993	2,009	2,024	2,045	2,044	1,984	2,018
Industrial Output, Manufacturing (Index, Year 1997=100)															
New England	109.3	108.3	106.1	101.1	96.5	95.4	96.8	96.5	96.3	96.1	96.5	97.1	106.2	96.3	96.5
Middle Atlantic	107.3	106.1	103.9	98.5	92.9	91.3	92.4	92.2	92.0	91.7	92.4	93.2	103.9	92.2	92.3
E. N. Central	111.1	109.2	106.2	100.7	92.3	88.4	89.3	89.1	88.7	88.3	88.9	89.6	106.8	89.8	88.9
W. N. Central	124.1	122.9	120.3	115.3	107.8	105.0	107.1	107.8	108.3	108.7	109.6	110.5	120.6	106.9	109.3
S. Atlantic	109.2	107.2	104.2	98.6	92.8	90.7	91.6	91.3	91.2	91.2	92.0	92.8	104.8	91.6	91.8
E. S. Central	114.5	112.7	109.2	102.9	95.7	93.5	94.4	94.0	93.8	93.6	94.3	95.4	109.8	94.4	94.3
W. S. Central	123.1	122.0	119.5	114.6	109.3	106.9	108.3	108.6	108.5	108.4	109.2	110.2	119.8	108.3	109.0
Mountain	127.4	125.4	122.5	116.7	110.9	109.3	111.6	112.3	112.8	113.0	114.0	115.1	123.0	111.0	113.7
Pacific	117.3	116.0	113.4	107.4	102.3	100.4	102.0	102.5	102.8	103.1	103.9	105.1	113.5	101.8	103.7
Real Personal Income (Billion \$2000)															
New England	574	574	569	576	573	577	570	568	567	571	573	573	573	572	571
Middle Atlantic	1,550	1,543	1,535	1,550	1,546	1,556	1,538	1,536	1,537	1,548	1,553	1,554	1,544	1,544	1,548
E. N. Central	1,426	1,434	1,417	1,430	1,422	1,428	1,408	1,402	1,401	1,408	1,410	1,409	1,427	1,415	1,407
W. N. Central	631	635	631	640	633	636	628	625	625	628	630	629	634	631	628
S. Atlantic	1,838	1,851	1,825	1,838	1,838	1,851	1,827	1,823	1,827	1,843	1,852	1,854	1,838	1,835	1,844
E. S. Central	485	492	483	487	488	494	488	486	486	489	491	491	487	489	489
W. S. Central	1,078	1,094	1,080	1,097	1,094	1,102	1,089	1,088	1,090	1,100	1,107	1,110	1,087	1,093	1,102
Mountain	644	646	639	641	638	641	634	634	635	640	643	644	642	637	640
Pacific	1,691	1,701	1,686	1,687	1,678	1,683	1,661	1,657	1,658	1,670	1,679	1,683	1,692	1,670	1,673
Households (Thousands)															
New England	5,466	5,469	5,469	5,476	5,477	5,479	5,482	5,486	5,492	5,501	5,511	5,520	5,476	5,486	5,520
Middle Atlantic	15,155	15,172	15,179	15,203	15,207	15,202	15,207	15,214	15,226	15,252	15,274	15,299	15,203	15,214	15,299
E. N. Central	17,846	17,864	17,869	17,895	17,898	17,896	17,904	17,913	17,925	17,951	17,978	18,003	17,895	17,913	18,003
W. N. Central	7,982	7,996	8,004	8,023	8,033	8,036	8,044	8,052	8,063	8,080	8,096	8,112	8,023	8,052	8,112
S. Atlantic	22,186	22,242	22,286	22,360	22,410	22,454	22,511	22,571	22,639	22,724	22,809	22,893	22,360	22,571	22,893
E. S. Central	6,995	7,011	7,023	7,044	7,055	7,063	7,073	7,085	7,099	7,120	7,141	7,161	7,044	7,085	7,161
W. S. Central	12,449	12,493	12,528	12,578	12,613	12,644	12,682	12,720	12,761	12,811	12,861	12,908	12,578	12,720	12,908
Mountain	7,827	7,851	7,871	7,902	7,923	7,940	7,967	8,001	8,032	8,074	8,116	8,153	7,902	8,001	8,153
Pacific	16,966	17,016	17,053	17,112	17,150	17,177	17,217	17,260	17,309	17,370	17,431	17,490	17,112	17,260	17,490
Total Non-farm Employment (Millions)															
New England	7.1	7.1	7.0	7.0	6.9	6.8	6.8	6.8	6.7	6.7	6.7	6.8	7.0	6.8	6.7
Middle Atlantic	18.7	18.7	18.7	18.5	18.3	18.2	18.1	18.0	18.0	18.0	18.0	18.0	18.6	18.1	18.0
E. N. Central	21.5	21.4	21.3	21.0	20.6	20.3	20.2	20.1	20.0	20.0	20.0	20.0	21.3	20.3	20.0
W. N. Central	10.2	10.2	10.2	10.2	10.0	9.9	9.9	9.9	9.8	9.8	9.8	9.9	10.2	9.9	9.9
S. Atlantic	26.4	26.3	26.1	25.8	25.4	25.2	25.1	25.0	25.0	25.0	25.1	25.2	26.2	25.2	25.1
E. S. Central	7.8	7.8	7.8	7.7	7.5	7.5	7.4	7.4	7.4	7.4	7.4	7.4	7.8	7.5	7.4
W. S. Central	15.3	15.4	15.4	15.4	15.2	15.1	15.0	14.9	14.9	15.0	15.0	15.1	15.4	15.0	15.0
Mountain	9.8	9.8	9.7	9.6	9.4	9.3	9.2	9.2	9.2	9.2	9.3	9.3	9.7	9.3	9.2
Pacific	20.8	20.7	20.6	20.4	20.0	19.8	19.6	19.5	19.5	19.6	19.6	19.7	20.6	19.7	19.6

- = 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 - September 2009

	2008				2009				2010				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2008	2009	2010
Heating Degree-days															
New England	3,114	861	139	2,281	3,386	891	194	2,253	3,218	930	181	2,234	6,395	6,724	6,563
Middle Atlantic	2,814	674	78	2,076	3,030	687	118	2,053	2,965	752	123	2,035	5,642	5,888	5,875
E. N. Central	3,365	777	102	2,451	3,287	773	184	2,293	3,167	794	156	2,284	6,696	6,537	6,401
W. N. Central	3,540	852	146	2,574	3,341	809	194	2,463	3,216	724	183	2,481	7,114	6,807	6,604
South Atlantic	1,452	234	13	1,083	1,553	230	24	1,068	1,554	248	25	1,043	2,782	2,875	2,870
E. S. Central	1,914	283	11	1,434	1,806	289	36	1,381	1,903	299	33	1,354	3,641	3,512	3,589
W. S. Central	1,212	101	9	855	1,069	143	9	895	1,269	112	9	876	2,178	2,116	2,266
Mountain	2,409	765	150	1,789	2,159	674	156	1,923	2,275	718	172	1,935	5,112	4,912	5,100
Pacific	1,496	543	77	1,068	1,409	470	78	1,136	1,409	548	105	1,138	3,184	3,093	3,200
U.S. Average	2,251	528	70	1,646	2,235	515	99	1,626	2,225	539	99	1,615	4,496	4,475	4,478
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	41	350	0	0	69	357	0	496	391	426
Middle Atlantic	0	204	540	0	0	112	515	5	0	140	519	5	744	632	664
E. N. Central	0	198	497	4	0	177	386	8	1	197	502	8	698	571	708
W. N. Central	0	229	612	6	0	251	509	12	3	263	650	12	847	772	928
South Atlantic	122	626	1,073	165	84	677	1,084	203	102	567	1,086	213	1,986	2,048	1,968
E. S. Central	17	501	1,000	43	6	582	912	62	31	459	1,000	63	1,562	1,562	1,553
W. S. Central	81	890	1,370	154	103	899	1,495	175	80	779	1,420	176	2,495	2,672	2,455
Mountain	17	423	969	93	11	360	895	70	15	388	847	68	1,503	1,336	1,318
Pacific	6	187	606	70	0	144	634	43	7	154	518	41	869	821	720
U.S. Average	35	385	789	68	27	372	769	76	33	343	774	77	1,277	1,244	1,227
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.