

 **Short-Term Energy Outlook**

September 8, 2010 Release

Highlights

- These projections reflect updated expectations for economic activity, with forecasted U.S. real gross domestic product (GDP) growth of 2.8 percent in 2010 and 2.3 percent in 2011, down from the previous *Outlook's* growth projections of 3.1 and 2.7 percent for 2010 and 2011, respectively. The 2011 world oil-consumption-weighted real GDP growth rate is also lowered, to 3.3 percent from the 3.6 percent level in last month's *Outlook*.
- EIA projects that the West Texas Intermediate (WTI) spot price, which averaged \$77 per barrel in August, will average \$77 per barrel in the fourth quarter of 2010 and \$82 per barrel in 2011, slightly below the forecasts in last month's *Outlook*.
- EIA expects that regular-grade motor gasoline retail prices, which averaged \$2.35 per gallon last year, will average \$2.69 per gallon over the second half of 2010, down 7 cents per gallon from the average for the first half of the year. In 2011, higher projected crude oil prices combined with strengthening refiner margins are expected to boost annual average motor gasoline prices to \$2.90 per gallon.
- The projected Henry Hub natural gas spot price averages \$4.54 per million Btu (MMBtu) for 2010, a \$0.60-per-MMBtu increase over the 2009 average, but down \$0.15 per MMBtu from the forecast in last month's *Outlook*. EIA expects the Henry Hub spot price will average \$4.76 per MMBtu in 2011, down \$0.22 per MMBtu from last month's *Outlook*.
- The annual average residential electricity price increases only moderately over the forecast period, averaging 11.6 cents per kilowatthour (kWh) in 2010, compared with 11.5 cents per kWh in 2009, and rising to 11.9 cents per kWh in 2011. These projections are virtually unchanged from the previous *Outlook*.

- Estimated U.S. carbon dioxide (CO₂) emissions from fossil fuels, which declined by 6.9 percent in 2009, are expected to increase by 3.6 percent in 2010. In 2011, projected CO₂ emissions increase by a further 0.4 percent as the expected milder summer reduces electricity use. However, even with these increases, CO₂ emissions remain below their level in any year from 1999 through 2008.

Global Crude Oil and Liquid Fuels

Crude Oil and Liquid Fuels Overview. For the third month in a row, EIA's view of the world oil market remains largely unchanged. Despite a slight reduction in forecast global demand growth and the drop in world oil prices in recent weeks, the projected gradual reduction in global oil inventories over the forecast period should lend support to firming oil prices. World oil prices are expected to rise slowly as global economic growth leads to higher global oil demand, growth in non-OPEC oil supply slows in 2011, and members of the Organization of the Petroleum Exporting Countries (OPEC) continue to support world oil prices.

Global Crude Oil and Liquid Fuels Consumption. EIA projects world oil consumption growth of 1.6 million barrels per day (bbl/d) in 2010. Countries outside of the Organization for Economic Cooperation and Development (OECD), especially China, the Middle East countries, and Brazil, represent most of the expected growth in world oil consumption ([World Liquid Fuels Consumption Chart](#)). Projected global oil consumption growth in 2011 is 1.4 million bbl/d, down slightly from the previous *Outlook* due to lower GDP forecast growth.

Non-OPEC Supply. EIA projects non-OPEC oil supply will increase by 0.7 million bbl/d in 2010 with the growth coming mainly from the United States, Brazil, and the former Soviet Union. Forecasted non-OPEC supply falls by 160,000 bbl/d in 2011, primarily because of declining total North Sea production and lower supply originating in the former Soviet Union, particularly Russia. This would be only the third time in the last 15 years that non-OPEC supplies fail to grow year-over-year, following non-OPEC production declines in 2005 and 2008, which were primarily the result of supply disruptions in the Gulf of Mexico.

OPEC Supply. EIA expects OPEC crude oil production to rise slightly through 2011 to accommodate increasing world oil demand and to maintain OPEC market objectives. OPEC crude oil production is projected to increase by 0.3 and 0.5 million bbl/d in 2010 and 2011, respectively, with non-crude petroleum liquids expected to increase by 0.6 million bbl/d in 2010 and 0.7 million bbl/d in 2011. OPEC surplus capacity should

remain near 5 million bbl/d compared with 4.3 million in 2009 and 1.5 million in 2008 ([OPEC Surplus Crude Oil Production Capacity Chart](#)).

OECD Petroleum Inventories. Commercial inventories held by OECD countries stood at an estimated 2.75 billion barrels at the end of the second quarter of 2010, equivalent to about 61 days of forward cover, and roughly 95 million barrels more than the 5-year average for the corresponding time of year ([Days of Supply of OECD Commercial Stocks Chart](#)). OECD oil inventories decline throughout the forecast period, although days-forward-cover should remain high by historical standards.

Crude Oil Prices. WTI crude oil spot prices averaged about \$77 per barrel in August 2010, very close to the July average, but \$3 per barrel lower than projected in last month's *Outlook*. WTI spot prices averaged almost \$82 per barrel over the first 10 days of August but then fell by \$9 per barrel over the next 2 weeks as the market reacted to a series of reports of a stumbling economic recovery. EIA has lowered the average fourth quarter 2010 forecasted WTI spot price to \$77 per barrel, compared with \$81 per barrel in last month's *Outlook*. WTI spot prices are projected to rise to \$84 per barrel by the end of next year ([West Texas Intermediate Crude Oil Price Chart](#)).

Energy price forecasts are highly uncertain, as history has shown ([Energy Price Volatility and Forecast Uncertainty](#)). WTI futures for November 2010 delivery for the 5-day period ending September 2 averaged \$75 per barrel, and implied volatility averaged 32 percent. This made the lower and upper limits of the 95-percent confidence interval \$61 and \$94 per barrel, respectively, for WTI delivered November 2010. Last year at this time, WTI for November 2009 delivery averaged \$70 per barrel, and implied volatility averaged 47 percent, with the limits of the 95-percent confidence interval at \$51 and \$96 per barrel.

U.S. Crude Oil and Liquid Fuels

U.S. Liquid Fuels Consumption. Projected total liquid fuels consumption grows by 160,000 bbl/d (0.8 percent) in 2010, and 130,000 bbl/d (0.7 percent) in 2011 as all of the major petroleum products register consumption growth ([U.S. Liquid Fuels Consumption Growth Chart](#)). This reverses the trend of falling consumption during 2006-2009. A year-over-year decline in total liquid fuels consumption averaging 40,000 bbl/d in the first quarter of 2010 was followed by a year-over-year rise averaging 440,000 bbl/d in the second quarter of 2010, led by increases in motor gasoline and distillate fuel oil consumption. During 2010 as a whole, gasoline consumption is projected to increase by 0.3 percent and distillate consumption is projected to grow by 2.0 percent. Projected gasoline consumption growth increases to

0.8 percent in 2011 while distillate fuel consumption growth moderates to 0.7 percent. Jet fuel consumption grows at an average annual rate of about 0.7 percent through 2011.

U.S. Liquid Fuels Supply and Imports. Domestic crude oil production, which increased by 410,000 bbl/d in 2009, is projected to increase by 70,000 bbl/d in 2010 ([U.S. Crude Oil Production Chart](#)). Crude oil production shut in by hurricanes during June, July, and August averaged 47,000 bbl/d, about half of EIA's original forecast of 96,000 bbl/d for those 3 months. Forecast total domestic crude oil production rises by 10,000 bbl/d to 5.44 million bbl/d in 2011. That projection includes a 120,000 bbl/d decline in the federal Gulf of Mexico (GOM) and a 150,000 bbl/d increase in lower-48 non-GOM production next year. These projections reflect EIA's estimates of an average reduction in crude oil output of about 82,000 bbl/d in 2011 resulting from the current 6-month moratorium on deepwater drilling. Projected ethanol production, which averaged 710,000 bbl/d in 2009, increases to an average of 850,000 bbl/d in 2010 and 880,000 bbl/d in 2011.

EIA forecasts that liquid fuel net imports (including both crude oil and refined products), which fell from 57 percent to 51 percent of total U.S. consumption between 2008 and 2009, will average about 50 percent of total consumption in 2010 and 2011.

U.S. Petroleum Product Prices. Projected regular-grade gasoline retail prices rise from an average \$2.35 per gallon in 2009 to an average \$2.72 per gallon in 2010 and \$2.90 per gallon in 2011. Forecast regular-grade pump prices average \$2.76 per gallon this summer, an increase of 33 cents from last summer. On-highway diesel fuel retail prices, which averaged \$2.46 per gallon in 2009, average \$2.93 per gallon in 2010 and \$3.10 in 2011 in this forecast. Refining margins, which have been at their lowest levels since 2003, are projected to average about \$2 per barrel higher next year because of growing global product demand and shutdowns of excess global refining capacity.

Natural Gas

U.S. Natural Gas Consumption. EIA expects total natural gas consumption will increase by 4.0 percent from 2009 levels to 65.0 billion cubic feet per day (Bcf/d) in 2010 and then remain relatively flat in 2011 ([Total U.S. Natural Gas Consumption Growth Chart](#)). The power generation and industrial sectors account for the bulk of the projected increase in consumption in 2010 over 2009.

Projected consumption of natural gas for power generation grows by nearly 1.3 Bcf/d to 20.2 Bcf/d in 2010. The use of natural gas for electric power generation surged this year because of the 23 percent increase in U.S. cooling degree- days, resulting in an

over 300 Bcf (11 percent) increase in natural gas consumption in the power generation sector over the last 4 months compared with the same period last year. Projected natural gas consumption in the power generation sector falls by 0.4 Bcf/d (2.0 percent) next year because of the expected return to near-normal summer temperatures.

Projected use of natural gas in the industrial sector also grows significantly in 2010, increasing by 6.4 percent, from 16.8 Bcf/d in 2009 to 17.9 Bcf/d in 2010. Forecasted industrial-sector consumption growth slows to 1.2 percent in 2011 as the projected increase in the natural-gas-weighted industrial production index slows from 7.0 percent in 2010 to 2.1 percent in 2011.

U.S. Natural Gas Production and Imports. EIA predicts total marketed natural gas production will increase by 1.2 Bcf/d (2.1 percent) to 61.2 Bcf/d in 2010. Projected production declines gradually in 2011, falling by 1.2 Bcf/d (1.9 percent) as relatively low prices depress drilling activity.

A total of 7.9 Bcf of natural gas production was shut in because of hurricanes during June, July, and August, compared with EIA's original projection of 57.4 Bcf for those 3 months. Nevertheless, the next 2 months are typically the height of the hurricane season and additional outages are included in this forecast. Based on the latest NOAA hurricane forecast, during the final 3 months of the hurricane season this forecast includes 66.3 Bcf in outages with almost two-thirds of that total occurring in September.

EIA forecasts gross pipeline imports of 9.2 Bcf/d in 2010, an increase of 1.3 percent from 2009. Forecasted imports of liquefied natural gas (LNG) average 1.25 Bcf/d in 2010 and 1.32 Bcf/d in 2011. Low U.S. prices have discouraged imports, and ample domestic natural gas production has reduced the need for large quantities of LNG despite significantly higher consumption.

U.S. Natural Gas Inventories. On August 27, working natural gas in storage was 3,106 Bcf ([U.S. Working Natural Gas in Storage Chart](#)), which is 208 Bcf less than the previous year's level and 169 Bcf greater than the 5-year (2005-2009) average. Weekly U.S. natural gas inventory builds this year have fallen below last year's builds in 16 of the last 18 weeks. This was primarily the result of the very warm summer and the resulting increase in natural gas consumption in the power generation sector. EIA expects working gas inventories in the United States to total 3,687 Bcf at the end of the injection season, about 3 percent below the record level reached at the end of the injection season last year.

U.S. Natural Gas Prices. The Henry Hub spot price averaged \$4.32 per MMBtu in August, \$0.31 per MMBtu lower than the average spot price in July ([Henry Hub Natural Gas Price Chart](#)). EIA expects prices will fall below \$4 per MMBtu in September and October before rebounding at the onset of colder weather. EIA now expects prices will average \$4.76 per MMBtu in 2011; this is a downward revision from the \$4.98 per MMBtu forecast in last month's *Outlook*.

Uncertainty over future natural gas prices is lower this year compared with last year at this time. Natural gas futures for November 2010 delivery for the 5-day period ending September 2 averaged \$4.07 per MMBtu, and the average implied volatility over the same period was 48 percent. This produced lower and upper bounds for the 95-percent confidence interval of \$2.84 and \$5.83 per MMBtu, respectively. At this time last year, the natural gas November 2009 futures contract averaged \$3.89 per MMBtu and implied volatility averaged 75 percent. The corresponding lower and upper limits of the 95-percent confidence interval were \$2.22 and \$6.81 per MMBtu.

Electricity

U.S. Electricity Consumption. During the first half of 2010, total consumption of electricity rose an estimated 4.2 percent compared with the first half of last year. Growth during the second half is projected to be slightly higher, rising 5.2 percent compared with the same period in 2009. High temperatures during July and August have pushed up sales of electricity in the residential and commercial sectors, especially in the Midwest and Northeast. Projected electricity sales to the industrial sector increase by 6 percent in 2010, but growth slows to 0.2 percent next year as expected growth in industrial output moderates. Total forecast consumption of electricity falls slightly in 2011 since summer temperatures are forecast to return to near-normal levels ([U.S. Total Electricity Consumption Chart](#)).

U.S. Electricity Generation. Total U.S. electric-power-sector generation grew by about 3 percent during the first half of this year compared with the same period in 2009. Generation from coal increased by 6.1 percent, and natural gas generation increased by 4.7 percent. Hydropower output declined by nearly 8 percent as water runoff in the Pacific Northwest was low this spring compared with last year. Some areas of the United States set hourly peak load records during July and August and much of this peak demand was fueled by natural gas, boosting projected year-over-year growth in natural gas generation during the second half of 2010 to over 8 percent.

U.S. Electricity Retail Prices. Overall, the average U.S. residential electricity price was down slightly during the first half of 2010 compared with the first half of 2009 in response to lower fuel costs for generating power. The largest price declines occurred

in New England (-7.7 percent) and the West South Central region (-5.3 percent). In contrast, residential prices in the Middle Atlantic region were up 6.2 percent during the first half of the year as some of the price caps in Pennsylvania began to expire. Generation fuel costs have increased this year, which is expected to boost U.S. residential electricity prices by about 2.1 percent in the second half of 2010 compared with the same period last year, and by 2.4 percent during 2011 ([U.S. Residential Electricity Prices Chart](#)).

Coal

U.S. Coal Consumption. Projected coal consumption in the electric power sector increases by 6.2 percent in 2010 because of the warm summer weather and associated increase in electricity generation. With a small projected decline (0.4 percent) in electricity consumption in 2011, coal-fired electricity generation and related coal consumption are projected to decline at a slightly higher rate (0.8 percent), primarily because of forecasted increases in nuclear and renewable-based electricity generation ([U.S. Coal Consumption Growth Chart](#)).

U.S. Coal Supply. Drawdowns in both producer and end-user inventories ([U.S. Electric Power Sector Coal Stocks Chart](#)) are forecasted to meet the increased coal consumption in 2010. Consequently, projected coal production falls by 0.3 percent in 2010. EIA forecasts a 1.8-percent increase in coal production in 2011 ([U.S. Annual Coal Production Chart](#)).

U.S. Coal Trade. U.S. coal gross imports and gross exports fell by 34 percent and 28 percent in 2009, respectively. Forecast coal exports will grow by 25 percent in 2010, driven in part by rising demand for metallurgical coal. Forecast coal exports in 2011 are relatively unchanged from 2010 levels. Metallurgical coal currently constitutes a larger share of the U.S. coal export market than steam coal.

EIA projects coal imports to decline an additional 15 percent in 2010 as increased consumption is met by draws on domestic inventories. Projected coal imports grow by 35 percent in 2011, but the annual tonnage (26 million short tons) remains significantly below the 2005-through-2008 average of 34 million short tons.

U.S. Coal Prices. The 2009 delivered electric-power-sector coal price increased by 6.7 percent despite decreases in spot coal prices, lower prices for other fossil fuels, and declines in coal-fired electricity generation. This higher cost of delivered coal reflected the impacts of longer-term power-sector coal contracts initiated during a period of high prices and rising transportation costs. The projected electric-power-

sector delivered coal price increases by 1.7 percent to average \$2.25 per MMBtu in 2010, and then declines to an average of \$2.19 per MMBtu in 2011.

U.S. Carbon Dioxide Emissions

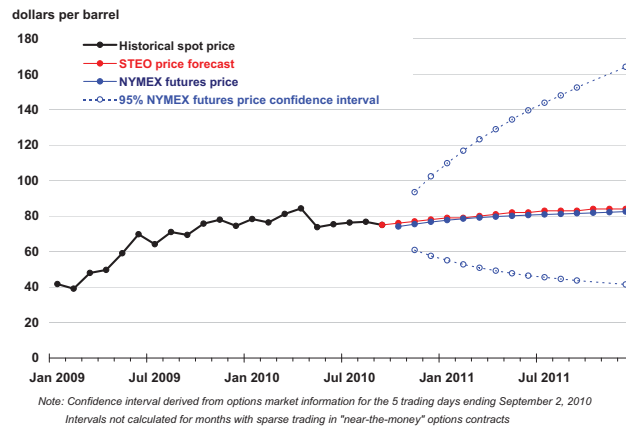
Forecasted economic growth combined with increased use of coal and natural gas is expected to contribute to increases in fossil-fuel CO₂ emissions of 3.6 percent in 2010 ([U.S. Carbon Dioxide Emissions Growth Chart](#)). Projected coal-related CO₂ emissions increase by 6.8 percent in 2010 primarily because of increased electricity sector coal usage. Higher natural gas consumption in the industrial and electric power sectors is expected to lead to a 4.3-percent increase in CO₂ emissions from natural gas. Demand for petroleum in the transportation sector (motor gasoline, diesel fuel, and jet fuel) combined with continued industrial sector fossil fuel demand growth contribute to the projected 0.4-percent increase in fossil-fuel CO₂ emissions in 2011. However, even with these increases, projected CO₂ emissions in 2010 and 2011 remain below their level in any year from 1999 through 2008.



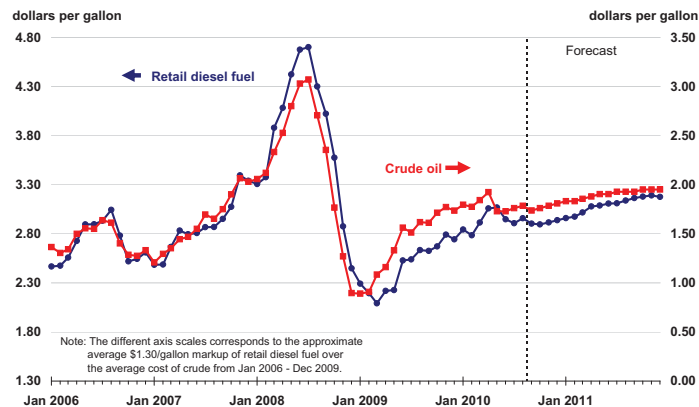
Short-Term Energy Outlook

Chart Gallery for September 2010

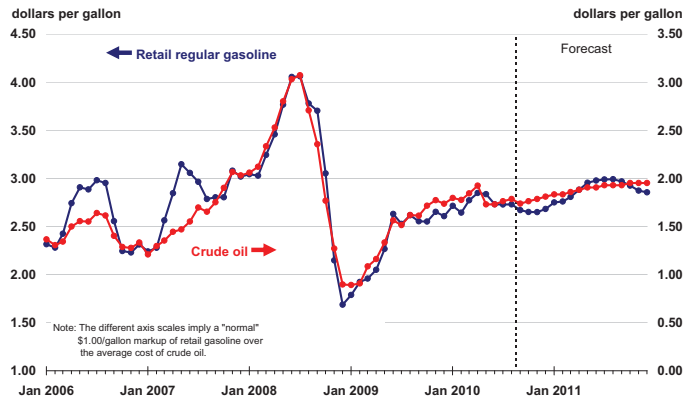
West Texas Intermediate (WTI) Crude Oil Price



U.S. Diesel Fuel and Crude Oil Prices



U.S. Gasoline and Crude Oil Prices

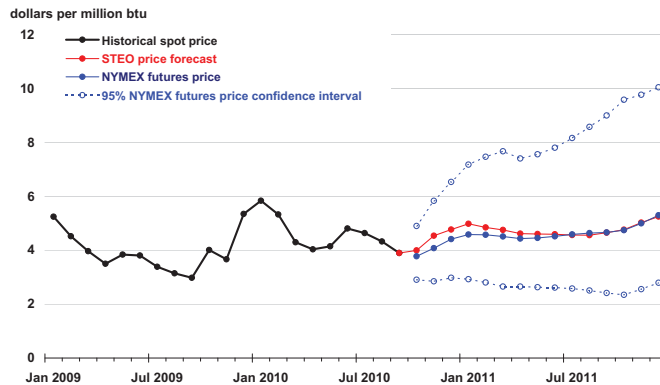


Note: Crude oil price is refiner average acquisition cost. Retail gasoline price includes State and Federal taxes.



Source: Short-Term Energy Outlook, September

Henry Hub Natural Gas Price

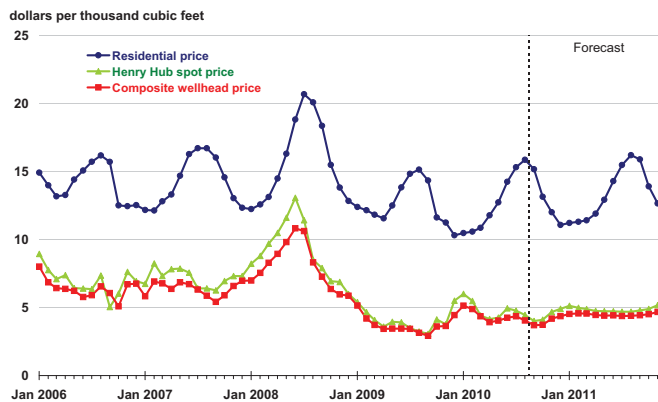


Note: Confidence interval derived from options market information for the 5 trading days ending September 2, 2010. Intervals not calculated for months with sparse trading in "near-the-money" options contracts



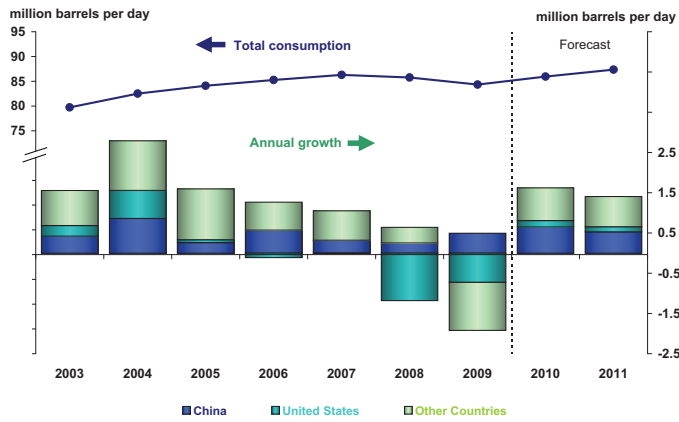
Source: Short-Term Energy Outlook, September 2010; Reuters News Service; and CME Group

Natural Gas Prices



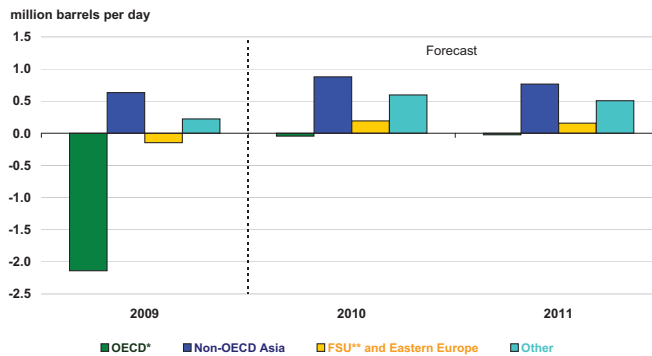
Source: Short-Term Energy Outlook, September 2010; Reuters News Service

World Liquid Fuels Consumption



Source: Short-Term Energy Outlook, September

World Liquid Fuels Consumption Growth (change from previous year)

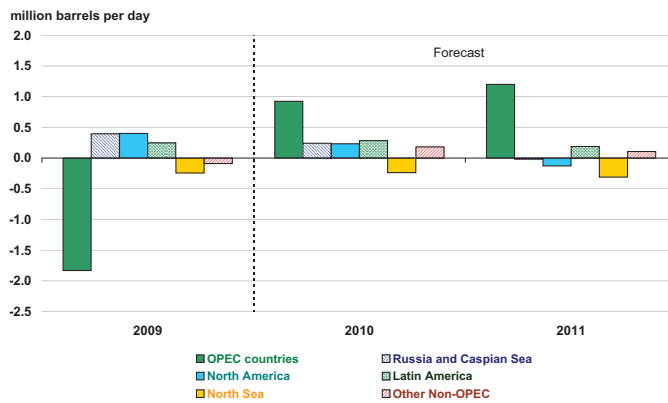


* Countries belonging to Organization for Economic Cooperation and Development
 ** Former Soviet Union



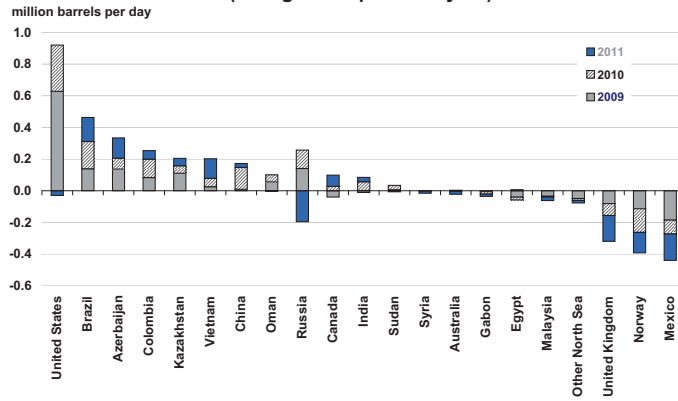
Source: Short-Term Energy Outlook, September

World Crude Oil and Liquid Fuels Production Growth (change from previous year)



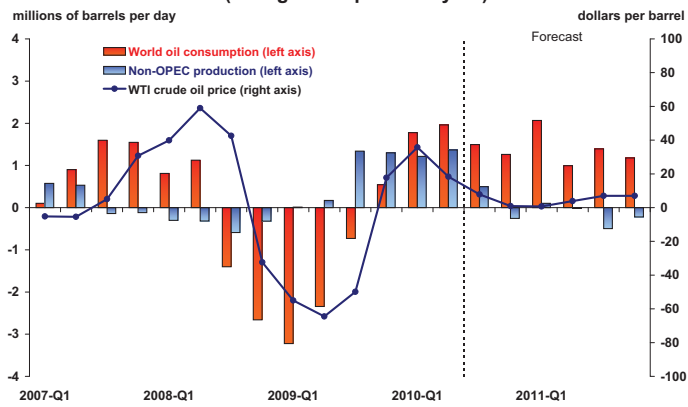
Source: Short-Term Energy Outlook, September

Non-OPEC Crude Oil and Liquid Fuels Production Growth (change from previous year)



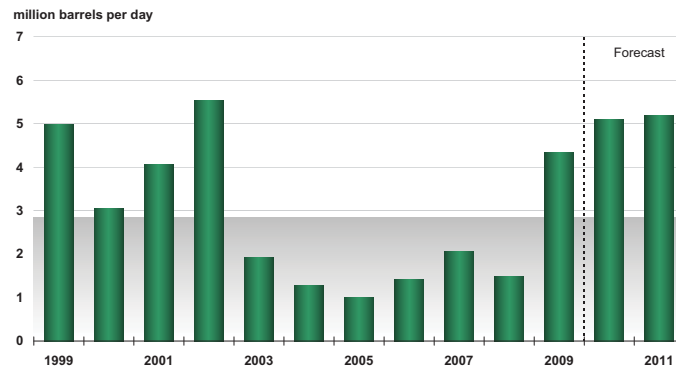
Source: Short-Term Energy Outlook, September

World Consumption and Non-OPEC Production (change from previous year)



Source: Short-Term Energy Outlook, September

OPEC Surplus Crude Oil Production Capacity

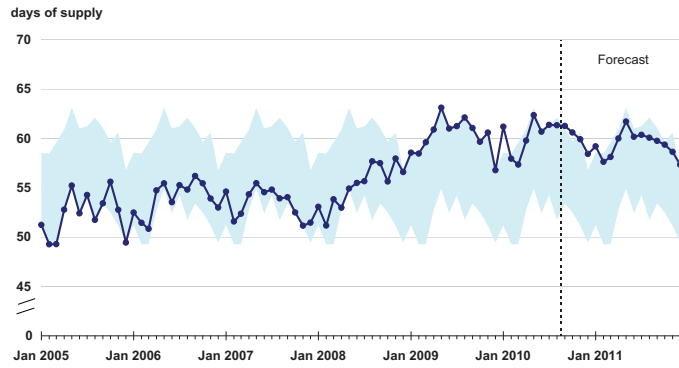


Note: Shaded area represents 1999-2009 average (2.8 million barrels per day)



Source: Short-Term Energy Outlook, September

OECD Commercial Oil Stocks

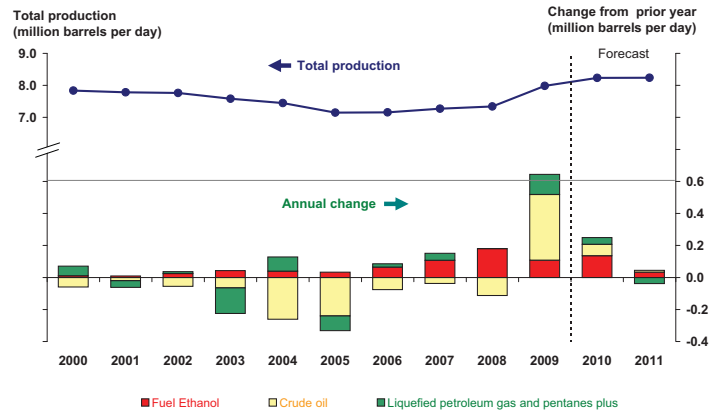


Note: Colored band represents the range between the minimum and maximum observed inventories from Jan. 2005 - Dec. 2009.



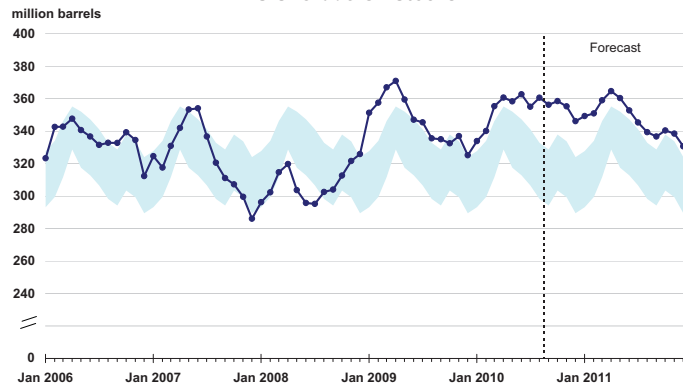
Source: Short-Term Energy Outlook, September

U.S. Crude Oil and Liquid Fuels Production



Source: Short-Term Energy Outlook, September

U.S. Crude Oil Stocks

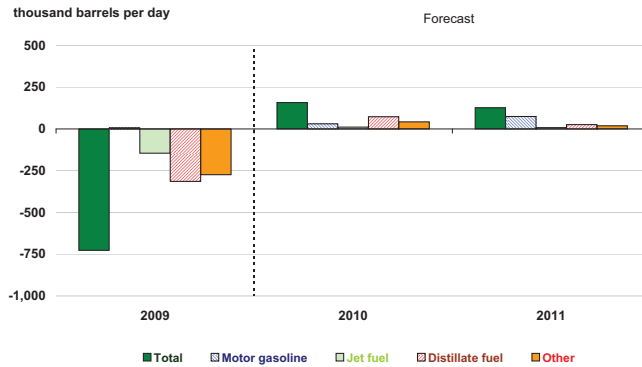


Note: Colored band represents "normal" range published in EIA Weekly Petroleum Status Report, Appendix A.



Source: Short-Term Energy Outlook, September

U.S. Liquid Fuels Consumption Growth (change from previous year)

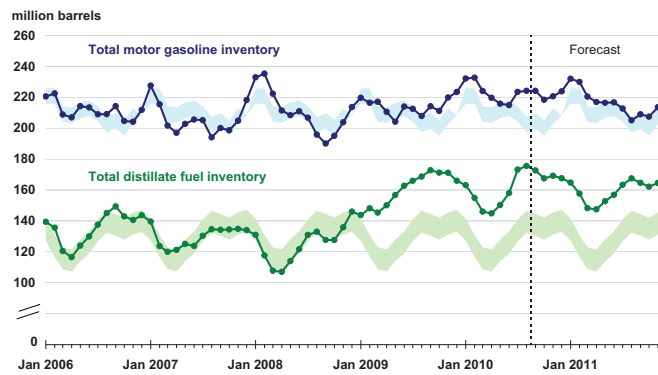


Note: Percent change labels refer to total petroleum products growth



Source: Short-Term Energy Outlook, September

U.S. Gasoline and Distillate Inventories

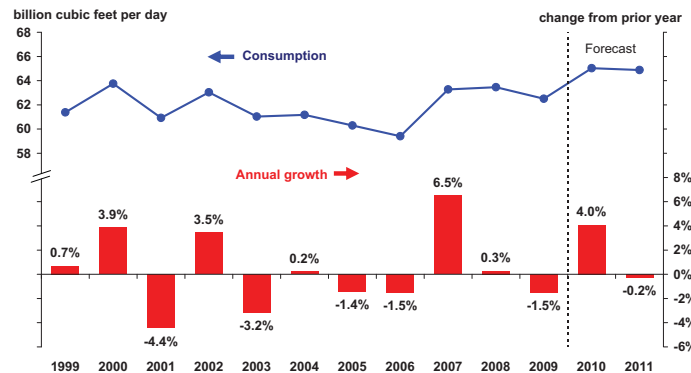


Note: Colored bands represent "normal" range published in EIA Weekly Petroleum Status Report, Appendix A.



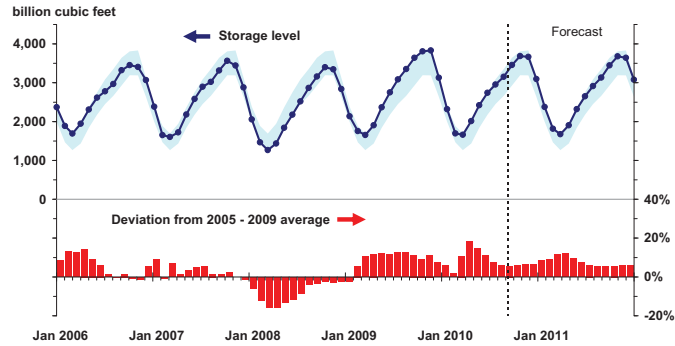
Source: Short-Term Energy Outlook, September

U.S. Total Natural Gas Consumption



Source: Short-Term Energy Outlook, September

U.S. Working Natural Gas in Storage

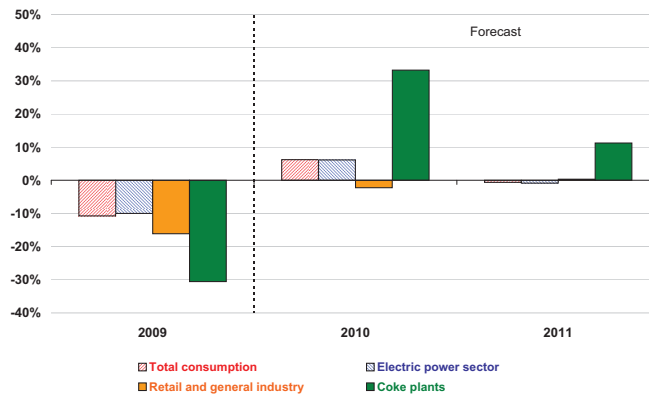


Note: Colored band around storage levels represents the range between the minimum and maximum from Jan, 2005 - Dec, 2009

Source: Short-Term Energy Outlook, September 2010

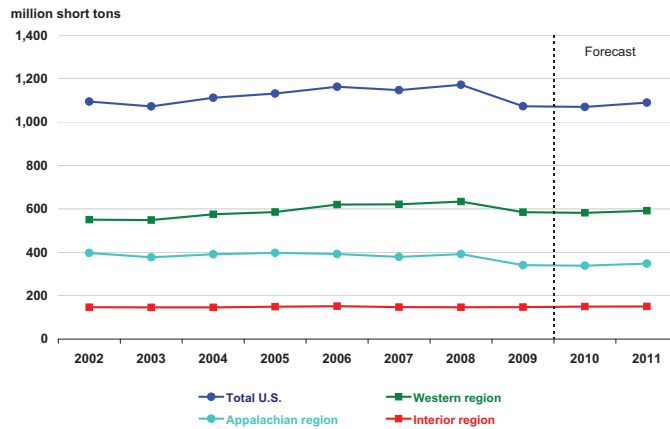


U.S. Coal Consumption Growth (change from previous year)



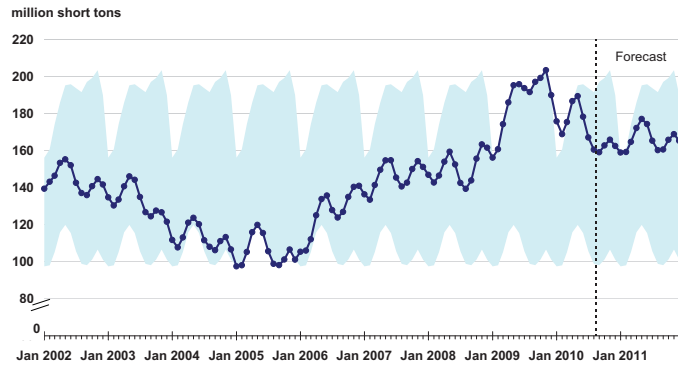
Source: Short-Term Energy Outlook, September

U.S. Annual Coal Production



Source: Short-Term Energy Outlook, September

U.S. Electric Power Sector Coal Stocks

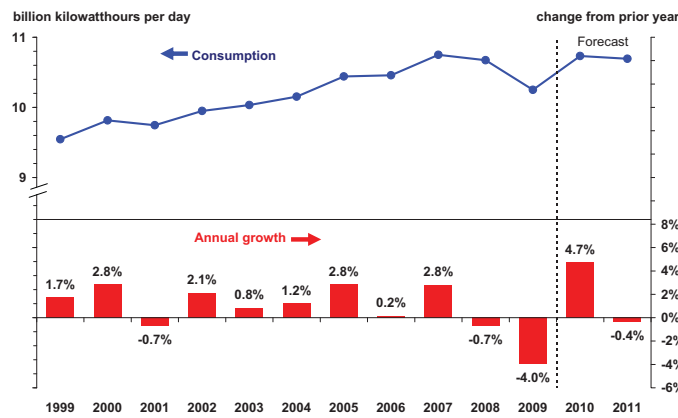


Note: Colored band represents the range between the minimum and maximum observed inventories from Jan. 2002 - Dec. 2009.



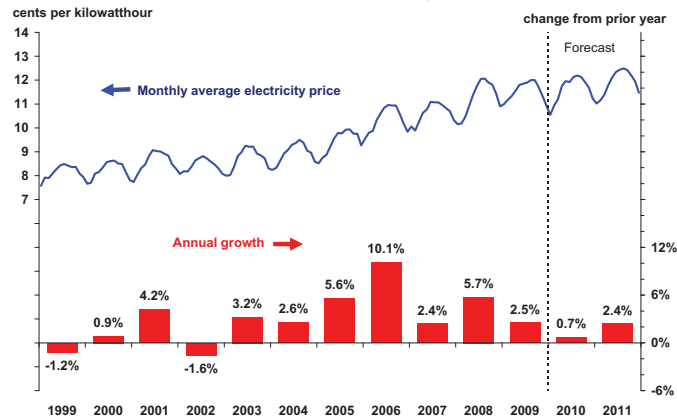
Source: Short-Term Energy Outlook, September

U.S. Total Electricity Consumption



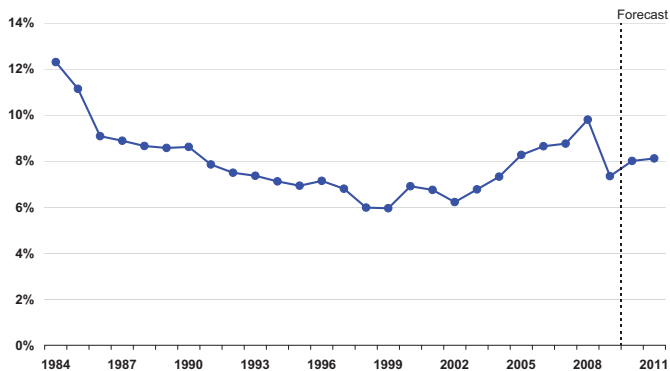
Source: Short-Term Energy Outlook, September

U.S. Residential Electricity Price



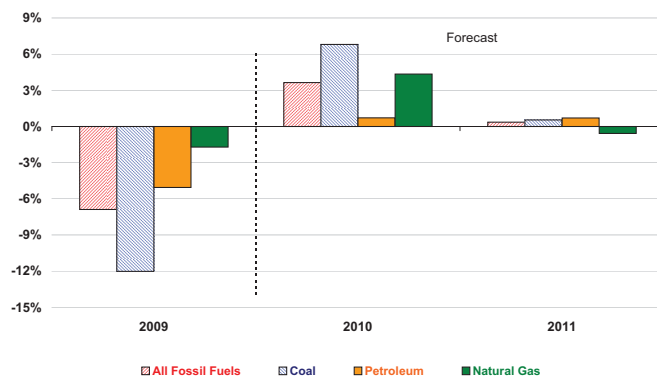
Source: Short-Term Energy Outlook, September

U.S. Annual Energy Expenditures Share of Gross Domestic Product



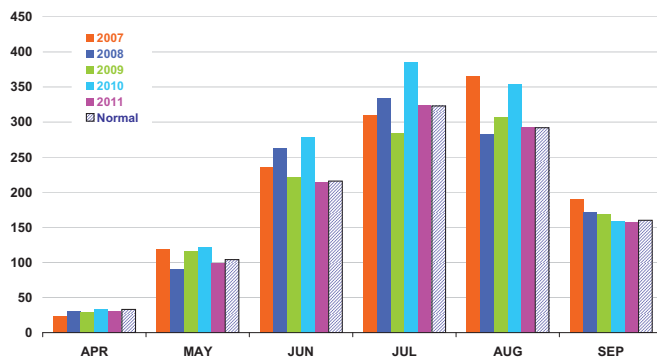
Source: Short-Term Energy Outlook, September

U.S. Carbon Dioxide Emissions Growth (change from previous year)



Source: Short-Term Energy Outlook, September

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

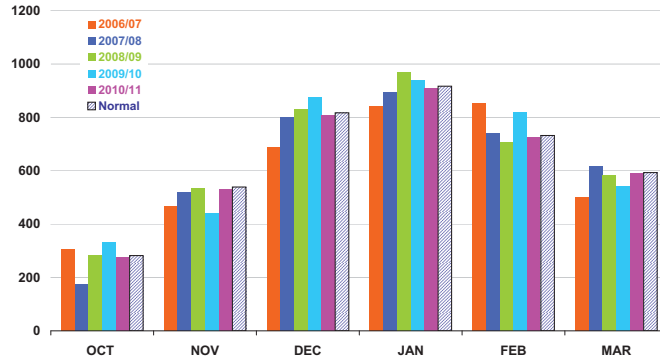


Data source: National Oceanic and Atmospheric Administration, National Weather Service
http://www.cpc.ncep.noaa.gov/products/analysis_monitoring/cdus/degree_days/



Source: Short-Term Energy Outlook, September

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

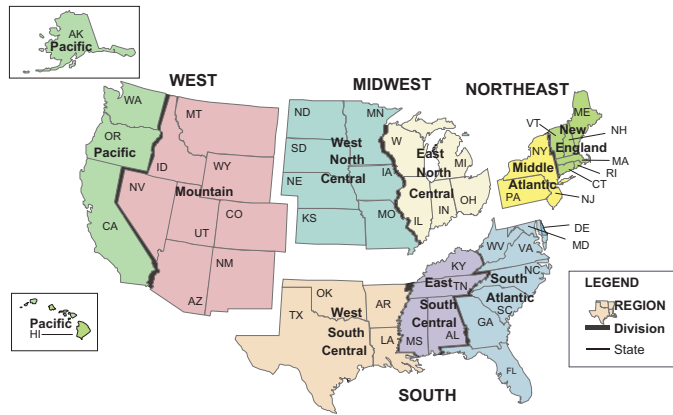


Data source: National Oceanic and Atmospheric Administration, National Weather Service
http://www.cpc.ncep.noaa.gov/products/analysis_monitoring/cdus/degree_days/



Source: Short-Term Energy Outlook, September

U.S. Census Regions and Census Divisions



Source: Short-Term Energy Outlook, September

Table SF01. U.S. Motor Gasoline Summer Outlook

Energy Information Administration/Short-Term Energy Outlook -- September 2010

	2009			2010			Year-over-year Change (percent)		
	Q2	Q3	Season	Q2	Q3	Season	Q2	Q3	Season
Nominal Prices (dollars per gallon)									
WTI Crude Oil (Spot) ^a	1.42	1.62	1.52	<i>1.85</i>	<i>1.81</i>	<i>1.83</i>	<i>30.8</i>	<i>11.5</i>	<i>20.5</i>
Imported Crude Oil Price ^b	1.37	1.58	1.48	<i>1.77</i>	<i>1.74</i>	<i>1.75</i>	<i>29.3</i>	<i>10.0</i>	<i>18.9</i>
U.S. Refiner Average Crude Oil Cost	1.35	1.58	1.47	<i>1.79</i>	<i>1.76</i>	<i>1.78</i>	<i>32.4</i>	<i>11.4</i>	<i>21.0</i>
Wholesale Gasoline Price ^c	1.76	1.94	1.85	<i>2.18</i>	<i>2.08</i>	<i>2.13</i>	<i>23.8</i>	<i>7.3</i>	<i>15.1</i>
Wholesale Diesel Fuel Price ^c	1.61	1.84	1.72	<i>2.20</i>	<i>2.10</i>	<i>2.15</i>	<i>37.2</i>	<i>13.9</i>	<i>24.7</i>
Regular Gasoline Retail Price ^d	2.32	2.57	2.44	<i>2.81</i>	<i>2.71</i>	<i>2.76</i>	<i>21.1</i>	<i>5.6</i>	<i>12.9</i>
Diesel Fuel Retail Price ^d	2.33	2.60	2.46	<i>3.03</i>	<i>2.92</i>	<i>2.98</i>	<i>30.1</i>	<i>12.5</i>	<i>20.8</i>
Gasoline Consumption/Supply (million barrels per day)									
Total Consumption	9.097	9.158	9.128	<i>9.201</i>	<i>9.244</i>	<i>9.223</i>	<i>1.1</i>	<i>0.9</i>	<i>1.0</i>
Total Refinery and Blender Output ^e	7.587	7.724	7.656	<i>7.604</i>	<i>7.778</i>	<i>7.691</i>	<i>0.2</i>	<i>0.7</i>	<i>0.5</i>
Fuel Ethanol Blending	0.718	0.752	0.735	<i>0.858</i>	<i>0.844</i>	<i>0.851</i>	<i>19.4</i>	<i>12.2</i>	<i>15.7</i>
Total Stock Withdrawal ^f	0.035	-0.002	0.016	<i>0.101</i>	<i>-0.101</i>	<i>0.000</i>			
Net Imports ^f	0.758	0.684	0.721	<i>0.639</i>	<i>0.723</i>	<i>0.681</i>	<i>-15.7</i>	<i>5.7</i>	<i>-5.5</i>
Refinery Utilization (percent)	84.2	84.4	84.3	<i>89.0</i>	<i>87.8</i>	<i>88.4</i>			
Gasoline Stocks, Including Blending Components (million barrels)									
Beginning	217.1	213.9	217.1	<i>224.0</i>	<i>214.8</i>	<i>224.0</i>			
Ending	213.9	214.1	214.1	<i>214.8</i>	<i>224.1</i>	<i>224.1</i>			
Economic Indicators (annualized billion 2000 dollars)									
Real GDP	12,810	12,861	12,835	<i>13,217</i>	<i>13,269</i>	<i>13,243</i>	<i>3.2</i>	<i>3.2</i>	<i>3.2</i>
Real Income	10,193	10,080	10,136	<i>10,231</i>	<i>10,283</i>	<i>10,257</i>	<i>0.4</i>	<i>2.0</i>	<i>1.2</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 and blender net production plus finished motor gasoline adjustment.^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 (GDP and income); Reuters News Service (WTI crude oil spotprice). Macroeconomic projections are based on IHS Global Insight Macroeconomic Forecast Model.

Table 1. U.S. Energy Markets Summary

Energy Information Administration/Short-Term Energy Outlook - September 2010

	2009				2010				2011				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2009	2010	2011
Energy Supply															
Crude Oil Production (a) (million barrels per day)	5.21	5.31	5.46	5.46	5.47	5.46	5.25	5.54	5.55	5.50	5.38	5.35	5.36	5.43	5.44
Dry Natural Gas Production (billion cubic feet per day)	58.11	57.63	56.84	57.08	58.36	58.99	58.54	58.10	58.00	57.64	57.07	56.81	57.41	58.50	57.38
Coal Production (million short tons)	281	263	269	260	265	264	267	274	269	265	281	275	1,073	1,070	1,090
Energy Consumption															
Liquid Fuels (million barrels per day)	18.86	18.57	18.72	18.93	18.82	19.01	18.98	18.91	19.15	19.08	19.03	18.96	18.77	18.93	19.06
Natural Gas (billion cubic feet per day)	79.68	52.51	53.87	64.24	83.40	54.52	57.05	65.45	82.07	55.39	56.90	65.45	62.51	65.04	64.88
Coal (b) (million short tons)	255	231	260	253	265	247	291	260	266	244	284	261	1,000	1,063	1,056
Electricity (billion kilowatt hours per day)	10.31	9.67	11.21	9.80	10.72	10.10	12.10	10.01	10.53	10.15	11.95	10.13	10.25	10.73	10.69
Renewables (c) (quadrillion Btu)	1.70	1.94	1.71	1.83	1.79	1.97	1.82	1.70	1.90	2.09	1.93	1.90	7.18	7.28	7.83
Total Energy Consumption (d) (quadrillion Btu)	25.18	22.32	23.21	24.01	25.75	23.24	24.55	24.35	26.01	23.47	24.53	24.59	94.72	97.89	98.60
Energy Prices															
Crude Oil (e) (dollars per barrel)	40.45	56.90	66.43	73.14	75.88	75.34	74.02	75.00	77.35	79.68	81.00	82.00	59.36	75.04	80.04
Natural Gas Wellhead (dollars per thousand cubic feet)	4.36	3.44	3.17	3.89	4.79	4.07	4.04	4.09	4.55	4.43	4.40	4.67	3.72	4.25	4.51
Coal (dollars per million Btu)	2.26	2.23	2.20	2.15	2.27	2.27	2.24	2.21	2.22	2.21	2.18	2.15	2.21	2.25	2.19
Macroeconomic															
Real Gross Domestic Product (billion chained 2005 dollars - SAAR)	12,833	12,810	12,861	13,019	13,139	13,217	13,269	13,336	13,423	13,495	13,574	13,690	12,881	13,240	13,546
Percent change from prior year	-3.8	-4.1	-2.7	0.2	2.4	3.2	3.2	2.4	2.2	2.1	2.3	2.7	-2.6	2.8	2.3
GDP Implicit Price Deflator (Index, 2005=100)	109.5	109.6	109.8	109.7	110.0	110.5	110.7	110.9	111.5	111.6	111.9	112.5	109.6	110.5	111.9
Percent change from prior year	1.9	1.2	0.2	0.5	0.5	0.8	0.9	1.1	1.4	1.0	1.1	1.4	0.9	0.8	1.2
Real Disposable Personal Income (billion chained 2005 dollars - SAAR)	10,047	10,193	10,080	10,080	10,122	10,231	10,283	10,305	10,297	10,369	10,419	10,466	10,100	10,235	10,388
Percent change from prior year	0.8	0.0	1.1	0.4	0.7	0.4	2.0	2.2	1.7	1.3	1.3	1.6	0.6	1.3	1.5
Manufacturing Production Index (Index, 2007=100)	85.2	83.3	85.5	87.0	88.5	90.2	91.1	91.8	92.7	93.7	94.8	95.9	85.2	90.4	94.3
Percent change from prior year	-14.5	-14.7	-10.0	-3.7	3.9	8.3	6.5	5.6	4.8	3.9	4.1	4.4	-10.9	6.1	4.3
Weather															
U.S. Heating Degree-Days	2,257	502	86	1,648	2,301	436	86	1,617	2,224	541	100	1,616	4,494	4,440	4,481
U.S. Cooling Degree-Days	31	367	759	70	10	434	898	79	37	345	774	77	1,228	1,420	1,233

- = no data available

Prices are not adjusted for inflation.

(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 Prices

Energy Information Administration/Short-Term Energy Outlook - September 2010

	2009				2010				2011				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2009	2010	2011
Crude Oil (dollars per barrel)															
West Texas Intermediate Spot Average	42.90	59.48	68.20	76.06	78.64	77.79	<i>76.04</i>	<i>77.00</i>	<i>79.33</i>	<i>81.67</i>	<i>83.00</i>	<i>84.00</i>	61.66	<i>77.37</i>	<i>82.00</i>
Imported Average	40.48	57.50	66.38	73.04	75.28	74.33	<i>73.02</i>	<i>73.99</i>	<i>76.36</i>	<i>78.67</i>	<i>80.00</i>	<i>81.00</i>	59.04	<i>74.13</i>	<i>79.06</i>
Refiner Average Acquisition Cost	40.45	56.90	66.43	73.14	75.88	75.34	<i>74.02</i>	<i>75.00</i>	<i>77.35</i>	<i>79.68</i>	<i>81.00</i>	<i>82.00</i>	59.36	<i>75.04</i>	<i>80.04</i>
Liquid Fuels (cents per gallon)															
Refiner Prices for Resale															
Gasoline	133	176	194	200	211	218	<i>208</i>	<i>204</i>	<i>217</i>	<i>233</i>	<i>234</i>	<i>224</i>	176	<i>210</i>	<i>227</i>
Diesel Fuel	137	161	184	200	209	220	<i>210</i>	<i>214</i>	<i>222</i>	<i>233</i>	<i>236</i>	<i>238</i>	171	<i>213</i>	<i>233</i>
Heating Oil	145	151	175	197	205	212	<i>202</i>	<i>211</i>	<i>219</i>	<i>222</i>	<i>224</i>	<i>232</i>	166	<i>207</i>	<i>224</i>
Refiner Prices to End Users															
Jet Fuel	137	159	184	200	210	219	<i>212</i>	<i>214</i>	<i>224</i>	<i>231</i>	<i>235</i>	<i>238</i>	171	<i>214</i>	<i>232</i>
No. 6 Residual Fuel Oil (a)	105	124	150	162	170	168	<i>167</i>	<i>174</i>	<i>181</i>	<i>184</i>	<i>187</i>	<i>192</i>	133	<i>170</i>	<i>186</i>
Propane to Petrochemical Sector	68	72	86	109	123	109	<i>106</i>	<i>114</i>	<i>115</i>	<i>108</i>	<i>109</i>	<i>120</i>	86	<i>114</i>	<i>114</i>
Retail Prices Including Taxes															
Gasoline Regular Grade (b)	189	232	257	260	271	281	<i>271</i>	<i>266</i>	<i>277</i>	<i>294</i>	<i>298</i>	<i>288</i>	235	<i>272</i>	<i>290</i>
Gasoline All Grades (b)	194	237	262	266	277	286	<i>276</i>	<i>271</i>	<i>282</i>	<i>299</i>	<i>303</i>	<i>294</i>	240	<i>278</i>	<i>295</i>
On-highway Diesel Fuel	220	233	260	274	285	303	<i>292</i>	<i>292</i>	<i>299</i>	<i>309</i>	<i>314</i>	<i>318</i>	246	<i>293</i>	<i>310</i>
Heating Oil	246	235	246	272	290	289	<i>276</i>	<i>293</i>	<i>305</i>	<i>297</i>	<i>296</i>	<i>316</i>	252	<i>290</i>	<i>306</i>
Propane	235	213	185	195	234	239	<i>212</i>	<i>226</i>	<i>241</i>	<i>234</i>	<i>211</i>	<i>232</i>	213	<i>229</i>	<i>233</i>
Natural Gas															
Average Wellhead (dollars per thousand cubic feet)	4.36	3.44	3.17	3.89	4.79	4.07	<i>4.04</i>	<i>4.09</i>	<i>4.55</i>	<i>4.43</i>	<i>4.40</i>	<i>4.67</i>	3.72	<i>4.25</i>	<i>4.51</i>
Henry Hub Spot (dollars per thousand cubic feet)	4.71	3.82	3.26	4.47	5.30	4.45	<i>4.41</i>	<i>4.56</i>	<i>5.00</i>	<i>4.74</i>	<i>4.72</i>	<i>5.16</i>	4.06	<i>4.68</i>	<i>4.90</i>
Henry Hub Spot (dollars per Million Btu)	4.57	3.71	3.17	4.34	5.14	4.32	<i>4.28</i>	<i>4.43</i>	<i>4.86</i>	<i>4.60</i>	<i>4.58</i>	<i>5.01</i>	3.95	<i>4.54</i>	<i>4.76</i>
End-Use Prices (dollars per thousand cubic feet)															
Industrial Sector	6.53	4.63	4.25	5.42	6.58	5.02	<i>5.48</i>	<i>5.63</i>	<i>6.46</i>	<i>5.75</i>	<i>5.71</i>	<i>6.35</i>	5.28	<i>5.70</i>	<i>6.08</i>
Commercial Sector	10.75	9.37	9.40	8.90	9.31	9.27	<i>9.81</i>	<i>9.64</i>	<i>9.87</i>	<i>9.55</i>	<i>10.07</i>	<i>10.26</i>	9.86	<i>9.47</i>	<i>9.95</i>
Residential Sector	12.17	12.26	14.76	10.80	10.61	12.58	<i>15.44</i>	<i>11.69</i>	<i>11.30</i>	<i>12.66</i>	<i>15.85</i>	<i>12.33</i>	11.97	<i>11.55</i>	<i>12.14</i>
Electricity															
Power Generation Fuel Costs (dollars per million Btu)															
Coal	2.26	2.23	2.20	2.15	2.27	2.27	<i>2.24</i>	<i>2.21</i>	<i>2.22</i>	<i>2.21</i>	<i>2.18</i>	<i>2.15</i>	2.21	<i>2.25</i>	<i>2.19</i>
Natural Gas	5.45	4.43	4.07	5.18	6.06	4.89	<i>5.16</i>	<i>5.14</i>	<i>5.69</i>	<i>5.41</i>	<i>5.41</i>	<i>5.69</i>	4.69	<i>5.27</i>	<i>5.53</i>
Residual Fuel Oil (c)	6.80	8.26	10.65	11.24	11.74	12.00	<i>11.29</i>	<i>11.44</i>	<i>11.94</i>	<i>12.35</i>	<i>12.47</i>	<i>12.60</i>	8.85	<i>11.52</i>	<i>12.32</i>
Distillate Fuel Oil	11.10	12.30	14.59	15.55	15.70	16.45	<i>16.17</i>	<i>16.52</i>	<i>17.06</i>	<i>17.38</i>	<i>17.72</i>	<i>18.06</i>	13.10	<i>16.17</i>	<i>17.52</i>
End-Use Prices (cents per kilowatthour)															
Industrial Sector	6.85	6.91	7.07	6.55	6.53	6.76	<i>7.11</i>	<i>6.68</i>	<i>6.42</i>	<i>6.68</i>	<i>7.14</i>	<i>6.70</i>	6.84	<i>6.78</i>	<i>6.74</i>
Commercial Sector	10.09	10.20	10.58	9.92	9.83	10.22	<i>10.84</i>	<i>10.26</i>	<i>9.91</i>	<i>10.35</i>	<i>10.89</i>	<i>10.29</i>	10.21	<i>10.31</i>	<i>10.39</i>
Residential Sector	11.15	11.74	11.96	11.29	10.86	11.88	<i>12.15</i>	<i>11.59</i>	<i>11.17</i>	<i>12.10</i>	<i>12.45</i>	<i>11.84</i>	11.55	<i>11.63</i>	<i>11.91</i>

- = no data available

Prices are not adjusted for inflation.

(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 and WTI crude oil spot prices 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 2010

	2009				2010				2011				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2009	2010	2011
Supply (million barrels per day) (a)															
OECD	21.18	20.74	20.97	21.35	21.34	21.26	20.77	20.81	20.94	20.74	20.23	20.33	21.06	21.04	20.56
U.S. (50 States)	8.77	9.09	9.32	9.38	9.46	9.55	9.25	9.49	9.44	9.49	9.38	9.30	9.14	9.43	9.40
Canada	3.39	3.11	3.32	3.36	3.29	3.30	3.35	3.35	3.44	3.36	3.36	3.42	3.29	3.32	3.39
Mexico	3.06	2.99	2.96	2.98	3.02	2.99	2.87	2.78	2.81	2.82	2.70	2.66	3.00	2.91	2.75
North Sea (b)	4.40	4.02	3.81	4.07	4.08	3.89	3.72	3.66	3.74	3.58	3.30	3.50	4.07	3.84	3.53
Other OECD	1.54	1.53	1.56	1.56	1.51	1.53	1.58	1.52	1.51	1.50	1.48	1.45	1.55	1.54	1.49
Non-OECD	62.36	62.93	63.76	64.06	64.55	64.87	65.18	65.09	65.99	66.50	66.80	66.51	63.28	64.93	66.45
OPEC	33.36	33.59	34.24	34.28	34.51	34.68	34.96	35.03	35.44	35.82	36.54	36.18	33.87	34.80	36.00
Crude Oil Portion	28.88	28.86	29.32	29.32	29.40	29.37	29.40	29.33	29.49	29.69	30.38	29.99	29.10	29.37	29.89
Other Liquids	4.49	4.74	4.92	4.96	5.11	5.32	5.57	5.70	5.95	6.13	6.15	6.20	4.78	5.43	6.11
Former Soviet Union	12.60	12.88	12.99	13.12	13.11	13.15	13.19	13.03	13.15	13.18	13.01	13.01	12.90	13.12	13.09
China	3.93	3.99	4.02	4.03	4.16	4.20	4.08	4.08	4.12	4.18	4.14	4.18	3.99	4.13	4.16
Other Non-OECD	12.46	12.46	12.52	12.64	12.78	12.84	12.95	12.95	13.28	13.33	13.11	13.13	12.52	12.88	13.21
Total World Supply	83.54	83.67	84.73	85.41	85.90	86.13	85.95	85.90	86.93	87.24	87.03	86.84	84.34	85.97	87.01
Non-OPEC Supply	50.17	50.08	50.49	51.13	51.39	51.44	50.99	50.88	51.49	51.43	50.49	50.66	50.47	51.17	51.01
Consumption (million barrels per day) (c)															
OECD	46.39	44.47	44.97	45.86	45.82	44.83	45.03	45.82	46.10	44.58	45.02	45.70	45.42	45.37	45.35
U.S. (50 States)	18.86	18.57	18.72	18.93	18.82	19.01	18.98	18.91	19.15	19.08	19.03	18.96	18.77	18.93	19.06
U.S. Territories	0.26	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27
Canada	2.20	2.08	2.16	2.17	2.24	2.20	2.21	2.26	2.27	2.19	2.30	2.29	2.15	2.23	2.26
Europe	14.89	14.27	14.46	14.35	14.16	13.98	14.38	14.54	14.15	13.80	14.24	14.37	14.49	14.27	14.14
Japan	4.73	4.04	4.11	4.60	4.79	3.96	3.92	4.29	4.58	3.80	3.82	4.18	4.37	4.24	4.09
Other OECD	5.45	5.25	5.25	5.54	5.55	5.42	5.27	5.56	5.68	5.45	5.36	5.63	5.37	5.45	5.53
Non-OECD	37.25	39.52	39.59	39.25	39.59	41.12	41.02	40.56	41.38	42.36	42.42	41.85	38.91	40.58	42.01
Former Soviet Union	4.09	4.19	4.23	4.32	4.31	4.33	4.48	4.44	4.47	4.52	4.68	4.64	4.21	4.39	4.58
Europe	0.77	0.77	0.82	0.82	0.79	0.77	0.83	0.83	0.76	0.74	0.80	0.79	0.79	0.80	0.77
China	7.72	8.55	8.43	8.59	8.78	9.21	8.89	9.00	9.40	9.65	9.52	9.42	8.32	8.97	9.50
Other Asia	9.43	9.65	9.29	9.45	9.77	9.89	9.43	9.65	10.08	10.11	9.65	9.87	9.45	9.68	9.92
Other Non-OECD	15.24	16.37	16.82	16.08	15.94	16.92	17.40	16.64	16.66	17.35	17.78	17.13	16.13	16.73	17.23
Total World Consumption	83.63	83.99	84.56	85.11	85.41	85.95	86.05	86.37	87.48	86.95	87.44	87.55	84.33	85.95	87.36
Inventory Net Withdrawals (million barrels per day)															
U.S. (50 States)	-0.73	-0.46	-0.04	0.78	-0.03	-0.65	-0.38	0.60	0.28	-0.39	-0.05	0.41	-0.11	-0.12	0.06
Other OECD	-0.06	0.23	-0.20	0.45	-0.15	-0.10	0.19	-0.05	0.11	0.04	0.18	0.12	0.11	-0.03	0.11
Other Stock Draws and Balance	0.89	0.55	0.07	-1.53	-0.30	0.58	0.30	-0.08	0.16	0.06	0.29	0.19	-0.01	0.13	0.18
Total Stock Draw	0.10	0.32	-0.18	-0.29	-0.48	-0.17	0.10	0.47	0.54	-0.30	0.42	0.71	-0.01	-0.02	0.35
End-of-period Inventories (million barrels)															
U.S. Commercial Inventory	1,090	1,120	1,123	1,050	1,053	1,112	1,147	1,092	1,068	1,103	1,108	1,071	1,050	1,092	1,071
OECD Commercial Inventory	2,743	2,750	2,770	2,655	2,669	2,742	2,761	2,710	2,676	2,708	2,697	2,648	2,655	2,710	2,648

- = 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, biofuels, other liquids, and refinery processing gains.

(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 2010

	2009				2010				2011				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2009	2010	2011
North America	15.23	15.19	15.60	15.72	15.76	15.83	<i>15.47</i>	<i>15.63</i>	<i>15.68</i>	<i>15.66</i>	<i>15.45</i>	<i>15.38</i>	15.44	<i>15.67</i>	<i>15.54</i>
Canada	3.39	3.11	3.32	3.36	3.29	3.30	<i>3.35</i>	<i>3.35</i>	<i>3.44</i>	<i>3.36</i>	<i>3.36</i>	<i>3.42</i>	3.29	<i>3.32</i>	<i>3.39</i>
Mexico	3.06	2.99	2.96	2.98	3.02	2.99	<i>2.87</i>	<i>2.78</i>	<i>2.81</i>	<i>2.82</i>	<i>2.70</i>	<i>2.66</i>	3.00	<i>2.91</i>	<i>2.75</i>
United States	8.77	9.09	9.32	9.38	9.46	9.55	<i>9.25</i>	<i>9.49</i>	<i>9.44</i>	<i>9.49</i>	<i>9.38</i>	<i>9.30</i>	9.14	<i>9.43</i>	<i>9.40</i>
Central and South America	4.45	4.48	4.50	4.62	4.72	4.79	<i>4.82</i>	<i>4.86</i>	<i>4.98</i>	<i>5.03</i>	<i>4.96</i>	<i>4.98</i>	4.51	<i>4.80</i>	<i>4.99</i>
Argentina	0.82	0.81	0.77	0.79	0.80	0.79	<i>0.79</i>	<i>0.77</i>	<i>0.78</i>	<i>0.78</i>	<i>0.77</i>	<i>0.76</i>	0.80	<i>0.79</i>	<i>0.77</i>
Brazil	2.52	2.55	2.58	2.63	2.68	2.75	<i>2.76</i>	<i>2.80</i>	<i>2.90</i>	<i>2.94</i>	<i>2.87</i>	<i>2.88</i>	2.57	<i>2.74</i>	<i>2.90</i>
Colombia	0.65	0.67	0.68	0.74	0.77	0.79	<i>0.82</i>	<i>0.83</i>	<i>0.84</i>	<i>0.85</i>	<i>0.86</i>	<i>0.88</i>	0.69	<i>0.80</i>	<i>0.86</i>
Other Central and S. America	0.46	0.45	0.46	0.46	0.47	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	5.26	4.89	4.67	4.93	4.92	4.75	<i>4.57</i>	<i>4.49</i>	<i>4.57</i>	<i>4.40</i>	<i>4.10</i>	<i>4.29</i>	4.94	<i>4.68</i>	<i>4.34</i>
Norway	2.53	2.21	2.29	2.38	2.32	2.19	<i>2.15</i>	<i>2.15</i>	<i>2.17</i>	<i>2.09</i>	<i>1.97</i>	<i>2.06</i>	2.35	<i>2.20</i>	<i>2.07</i>
United Kingdom (offshore)	1.55	1.51	1.22	1.41	1.46	1.41	<i>1.29</i>	<i>1.23</i>	<i>1.29</i>	<i>1.21</i>	<i>1.06</i>	<i>1.17</i>	1.42	<i>1.35</i>	<i>1.18</i>
Other North Sea	0.32	0.30	0.30	0.28	0.30	0.29	<i>0.29</i>	<i>0.28</i>	<i>0.28</i>	<i>0.28</i>	<i>0.27</i>	<i>0.26</i>	0.30	<i>0.29</i>	<i>0.27</i>
FSU and Eastern Europe	12.60	12.88	12.99	13.12	13.11	13.15	<i>13.19</i>	<i>13.03</i>	<i>13.15</i>	<i>13.18</i>	<i>13.01</i>	<i>13.01</i>	12.90	<i>13.12</i>	<i>13.09</i>
Azerbaijan	0.93	1.07	1.04	1.01	1.00	1.08	<i>1.11</i>	<i>1.13</i>	<i>1.22</i>	<i>1.23</i>	<i>1.20</i>	<i>1.19</i>	1.01	<i>1.08</i>	<i>1.21</i>
Kazakhstan	1.49	1.51	1.55	1.62	1.61	1.57	<i>1.60</i>	<i>1.58</i>	<i>1.63</i>	<i>1.64</i>	<i>1.63</i>	<i>1.64</i>	1.54	<i>1.59</i>	<i>1.63</i>
Russia	9.77	9.88	9.99	10.08	10.10	10.10	<i>10.08</i>	<i>9.92</i>	<i>9.91</i>	<i>9.91</i>	<i>9.79</i>	<i>9.80</i>	9.93	<i>10.05</i>	<i>9.85</i>
Turkmenistan	0.19	0.20	0.20	0.20	0.20	0.21	<i>0.21</i>	<i>0.21</i>	<i>0.21</i>	<i>0.21</i>	<i>0.21</i>	<i>0.21</i>	0.20	<i>0.21</i>	<i>0.21</i>
Other FSU/Eastern Europe	0.42	0.42	0.41	0.41	0.41	0.40	<i>0.40</i>	<i>0.40</i>	<i>0.40</i>	<i>0.40</i>	<i>0.39</i>	<i>0.39</i>	0.42	<i>0.40</i>	<i>0.39</i>
Middle East	1.53	1.55	1.58	1.57	1.59	1.58	<i>1.57</i>	<i>1.56</i>	<i>1.57</i>	<i>1.56</i>	<i>1.53</i>	<i>1.53</i>	1.56	<i>1.58</i>	<i>1.55</i>
Oman	0.79	0.80	0.84	0.84	0.86	0.86	<i>0.87</i>	<i>0.86</i>	<i>0.86</i>	<i>0.86</i>	<i>0.85</i>	<i>0.85</i>	0.82	<i>0.86</i>	<i>0.86</i>
Syria	0.40	0.40	0.40	0.40	0.40	0.40	<i>0.40</i>	<i>0.39</i>	<i>0.39</i>	<i>0.39</i>	<i>0.38</i>	<i>0.38</i>	0.40	<i>0.40</i>	<i>0.39</i>
Yemen	0.29	0.29	0.29	0.28	0.27	0.26	<i>0.26</i>	<i>0.26</i>	<i>0.26</i>	<i>0.25</i>	<i>0.25</i>	<i>0.25</i>	0.29	<i>0.26</i>	<i>0.25</i>
Asia and Oceania	8.48	8.48	8.55	8.57	8.68	8.74	<i>8.79</i>	<i>8.77</i>	<i>8.93</i>	<i>8.96</i>	<i>8.86</i>	<i>8.87</i>	8.52	<i>8.74</i>	<i>8.90</i>
Australia	0.59	0.58	0.60	0.59	0.56	0.57	<i>0.63</i>	<i>0.59</i>	<i>0.58</i>	<i>0.57</i>	<i>0.57</i>	<i>0.54</i>	0.59	<i>0.59</i>	<i>0.57</i>
China	3.93	3.99	4.02	4.03	4.16	4.20	<i>4.08</i>	<i>4.08</i>	<i>4.12</i>	<i>4.18</i>	<i>4.14</i>	<i>4.18</i>	3.99	<i>4.13</i>	<i>4.16</i>
India	0.87	0.88	0.87	0.89	0.91	0.92	<i>0.95</i>	<i>0.96</i>	<i>0.98</i>	<i>0.98</i>	<i>0.95</i>	<i>0.95</i>	0.88	<i>0.94</i>	<i>0.96</i>
Indonesia	1.04	1.02	1.02	1.02	1.02	1.04	<i>1.03</i>	<i>1.03</i>	<i>1.03</i>	<i>1.03</i>	<i>1.02</i>	<i>1.02</i>	1.02	<i>1.03</i>	<i>1.03</i>
Malaysia	0.71	0.70	0.70	0.67	0.68	0.67	<i>0.72</i>	<i>0.69</i>	<i>0.69</i>	<i>0.67</i>	<i>0.66</i>	<i>0.64</i>	0.69	<i>0.69</i>	<i>0.67</i>
Vietnam	0.32	0.34	0.35	0.34	0.35	0.35	<i>0.42</i>	<i>0.45</i>	<i>0.51</i>	<i>0.51</i>	<i>0.51</i>	<i>0.53</i>	0.34	<i>0.39</i>	<i>0.52</i>
Africa	2.61	2.61	2.60	2.60	2.61	2.61	<i>2.57</i>	<i>2.54</i>	<i>2.61</i>	<i>2.65</i>	<i>2.60</i>	<i>2.59</i>	2.61	<i>2.58</i>	<i>2.61</i>
Egypt	0.69	0.69	0.68	0.67	0.66	0.66	<i>0.66</i>	<i>0.66</i>	<i>0.66</i>	<i>0.68</i>	<i>0.67</i>	<i>0.67</i>	0.68	<i>0.66</i>	<i>0.67</i>
Equatorial Guinea	0.35	0.35	0.34	0.34	0.33	0.33	<i>0.32</i>	<i>0.31</i>	<i>0.32</i>	<i>0.32</i>	<i>0.31</i>	<i>0.31</i>	0.35	<i>0.32</i>	<i>0.32</i>
Gabon	0.25	0.24	0.24	0.24	0.23	0.23	<i>0.23</i>	<i>0.22</i>	<i>0.22</i>	<i>0.21</i>	<i>0.21</i>	<i>0.20</i>	0.24	<i>0.23</i>	<i>0.21</i>
Sudan	0.46	0.48	0.50	0.50	0.51	0.52	<i>0.52</i>	<i>0.51</i>	<i>0.51</i>	<i>0.51</i>	<i>0.50</i>	<i>0.50</i>	0.49	<i>0.52</i>	<i>0.51</i>
Total non-OPEC liquids	50.17	50.08	50.49	51.13	51.39	51.44	<i>50.99</i>	<i>50.88</i>	<i>51.49</i>	<i>51.43</i>	<i>50.49</i>	<i>50.66</i>	50.47	<i>51.17</i>	<i>51.01</i>
OPEC non-crude liquids	4.49	4.74	4.92	4.96	5.11	5.32	<i>5.57</i>	<i>5.70</i>	<i>5.95</i>	<i>6.13</i>	<i>6.15</i>	<i>6.20</i>	4.78	<i>5.43</i>	<i>6.11</i>
Non-OPEC + OPEC non-crude	54.66	54.81	55.41	56.09	56.50	56.76	<i>56.56</i>	<i>56.57</i>	<i>57.44</i>	<i>57.55</i>	<i>56.64</i>	<i>56.85</i>	55.25	<i>56.60</i>	<i>57.12</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, biofuels, other liquids, and refinery processing gains.

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 2010

	2009				2010				2011				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2009	2010	2011
Crude Oil															
Algeria	1.30	1.30	1.35	1.35	1.35	1.35	-	-	-	-	-	-	1.33	-	-
Angola	1.78	1.75	1.84	1.90	1.97	1.94	-	-	-	-	-	-	1.82	-	-
Ecuador	0.50	0.49	0.48	0.47	0.47	0.48	-	-	-	-	-	-	0.49	-	-
Iran	3.77	3.80	3.80	3.80	3.80	3.80	-	-	-	-	-	-	3.79	-	-
Iraq	2.28	2.38	2.45	2.37	2.42	2.37	-	-	-	-	-	-	2.37	-	-
Kuwait	2.30	2.30	2.30	2.30	2.30	2.30	-	-	-	-	-	-	2.30	-	-
Libya	1.65	1.65	1.65	1.65	1.65	1.65	-	-	-	-	-	-	1.65	-	-
Nigeria	1.82	1.73	1.71	1.96	2.03	1.95	-	-	-	-	-	-	1.80	-	-
Qatar	0.82	0.83	0.84	0.85	0.84	0.85	-	-	-	-	-	-	0.83	-	-
Saudi Arabia	8.07	8.13	8.40	8.27	8.20	8.30	-	-	-	-	-	-	8.22	-	-
United Arab Emirates	2.30	2.30	2.30	2.30	2.30	2.30	-	-	-	-	-	-	2.30	-	-
Venezuela	2.30	2.20	2.20	2.10	2.07	2.09	-	-	-	-	-	-	2.20	-	-
OPEC Total	28.88	28.86	29.32	29.32	29.40	29.37	29.40	29.33	29.49	29.69	30.38	29.99	29.10	29.37	29.89
Other Liquids	4.49	4.74	4.92	4.96	5.11	5.32	<i>5.57</i>	<i>5.70</i>	<i>5.95</i>	<i>6.13</i>	<i>6.15</i>	<i>6.20</i>	4.78	<i>5.43</i>	<i>6.11</i>
Total OPEC Supply	33.36	33.59	34.24	34.28	34.51	34.68	<i>34.96</i>	<i>35.03</i>	<i>35.44</i>	<i>35.82</i>	<i>36.54</i>	<i>36.18</i>	33.87	<i>34.80</i>	<i>36.00</i>
Crude Oil Production Capacity															
Algeria	1.35	1.35	1.35	1.35	1.35	1.35	-	-	-	-	-	-	1.35	-	-
Angola	1.93	1.95	2.03	2.07	2.00	1.98	-	-	-	-	-	-	1.99	-	-
Ecuador	0.50	0.49	0.48	0.47	0.47	0.48	-	-	-	-	-	-	0.49	-	-
Iran	3.90	3.90	3.90	3.90	3.90	3.90	-	-	-	-	-	-	3.90	-	-
Iraq	2.28	2.38	2.45	2.37	2.42	2.37	-	-	-	-	-	-	2.37	-	-
Kuwait	2.60	2.60	2.60	2.60	2.60	2.60	-	-	-	-	-	-	2.60	-	-
Libya	1.78	1.80	1.80	1.80	1.80	1.80	-	-	-	-	-	-	1.80	-	-
Nigeria	1.82	1.73	1.71	1.96	2.03	1.95	-	-	-	-	-	-	1.80	-	-
Qatar	1.07	1.07	1.07	1.07	1.10	1.10	-	-	-	-	-	-	1.07	-	-
Saudi Arabia	10.60	10.80	11.63	12.00	12.00	12.25	-	-	-	-	-	-	11.26	-	-
United Arab Emirates	2.60	2.60	2.60	2.60	2.60	2.60	-	-	-	-	-	-	2.60	-	-
Venezuela	2.30	2.20	2.20	2.10	2.07	2.09	-	-	-	-	-	-	2.20	-	-
OPEC Total	32.73	32.87	33.82	34.28	34.33	34.46	<i>34.43</i>	<i>34.62</i>	<i>35.05</i>	<i>35.09</i>	<i>35.15</i>	<i>35.05</i>	33.43	34.46	35.08
Surplus Crude Oil Production Capacity															
Algeria	0.05	0.05	0.00	0.00	0.00	0.00	-	-	-	-	-	-	0.02	-	-
Angola	0.15	0.20	0.19	0.17	0.03	0.05	-	-	-	-	-	-	0.18	-	-
Ecuador	0.00	0.00	0.00	0.00	0.00	0.00	-	-	-	-	-	-	0.00	-	-
Iran	0.13	0.10	0.10	0.10	0.10	0.10	-	-	-	-	-	-	0.11	-	-
Iraq	0.00	0.00	0.00	0.00	0.00	0.00	-	-	-	-	-	-	0.00	-	-
Kuwait	0.30	0.30	0.30	0.30	0.30	0.30	-	-	-	-	-	-	0.30	-	-
Libya	0.13	0.15	0.15	0.15	0.15	0.15	-	-	-	-	-	-	0.15	-	-
Nigeria	0.00	0.00	0.00	0.00	0.00	0.00	-	-	-	-	-	-	0.00	-	-
Qatar	0.25	0.24	0.22	0.22	0.25	0.25	-	-	-	-	-	-	0.23	-	-
Saudi Arabia	2.53	2.67	3.23	3.73	3.80	3.95	-	-	-	-	-	-	3.04	-	-
United Arab Emirates	0.30	0.30	0.30	0.30	0.30	0.30	-	-	-	-	-	-	0.30	-	-
Venezuela	0.00	0.00	0.00	0.00	0.00	0.00	-	-	-	-	-	-	0.00	-	-
OPEC Total	3.85	4.01	4.49	4.97	4.94	5.09	<i>5.03</i>	<i>5.29</i>	<i>5.56</i>	<i>5.40</i>	<i>4.77</i>	<i>5.07</i>	4.33	5.09	5.19

- = 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 2010

	2009				2010				2011				2009	2010	2011
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4			
North America	23.13	22.67	23.00	23.26	23.21	23.38	<i>23.32</i>	<i>23.31</i>	<i>23.60</i>	<i>23.49</i>	<i>23.49</i>	<i>23.42</i>	23.02	<i>23.31</i>	<i>23.50</i>
Canada	2.20	2.08	2.16	2.17	2.24	2.20	<i>2.21</i>	<i>2.26</i>	<i>2.27</i>	<i>2.19</i>	<i>2.30</i>	<i>2.29</i>	2.15	<i>2.23</i>	<i>2.26</i>
Mexico	2.06	2.02	2.11	2.15	2.14	2.17	<i>2.12</i>	<i>2.13</i>	<i>2.17</i>	<i>2.21</i>	<i>2.15</i>	<i>2.16</i>	2.08	<i>2.14</i>	<i>2.17</i>
United States	18.86	18.57	18.72	18.93	18.82	19.01	<i>18.98</i>	<i>18.91</i>	<i>19.15</i>	<i>19.08</i>	<i>19.03</i>	<i>18.96</i>	18.77	<i>18.93</i>	<i>19.06</i>
Central and South America	5.96	6.28	6.16	6.25	6.15	6.40	<i>6.39</i>	<i>6.38</i>	<i>6.26</i>	<i>6.52</i>	<i>6.51</i>	<i>6.50</i>	6.17	<i>6.33</i>	<i>6.45</i>
Brazil	2.38	2.50	2.56	2.53	2.51	2.62	<i>2.67</i>	<i>2.65</i>	<i>2.64</i>	<i>2.75</i>	<i>2.81</i>	<i>2.78</i>	2.49	<i>2.61</i>	<i>2.74</i>
Europe	15.66	15.03	15.28	15.17	14.95	14.76	<i>15.21</i>	<i>15.36</i>	<i>14.91</i>	<i>14.54</i>	<i>15.04</i>	<i>15.16</i>	15.28	<i>15.07</i>	<i>14.91</i>
FSU and Eastern Europe	4.09	4.19	4.23	4.32	4.31	4.33	<i>4.48</i>	<i>4.44</i>	<i>4.47</i>	<i>4.52</i>	<i>4.68</i>	<i>4.64</i>	4.21	<i>4.39</i>	<i>4.58</i>
Russia	2.73	2.81	2.80	2.90	2.92	2.94	<i>3.04</i>	<i>3.00</i>	<i>2.96</i>	<i>3.02</i>	<i>3.11</i>	<i>3.07</i>	2.81	<i>2.98</i>	<i>3.04</i>
Middle East	6.24	7.08	7.76	6.79	6.67	7.43	<i>8.01</i>	<i>7.17</i>	<i>7.21</i>	<i>7.70</i>	<i>8.18</i>	<i>7.48</i>	6.97	<i>7.32</i>	<i>7.64</i>
Asia and Oceania	25.28	25.48	24.98	26.04	26.75	26.32	<i>25.40</i>	<i>26.39</i>	<i>27.58</i>	<i>26.80</i>	<i>26.21</i>	<i>26.96</i>	25.44	<i>26.21</i>	<i>26.88</i>
China	7.72	8.55	8.43	8.59	8.78	9.21	<i>8.89</i>	<i>9.00</i>	<i>9.40</i>	<i>9.65</i>	<i>9.52</i>	<i>9.42</i>	8.32	<i>8.97</i>	<i>9.50</i>
Japan	4.73	4.04	4.11	4.60	4.79	3.96	<i>3.92</i>	<i>4.29</i>	<i>4.58</i>	<i>3.80</i>	<i>3.82</i>	<i>4.18</i>	4.37	<i>4.24</i>	<i>4.09</i>
India	3.18	3.19	2.98	3.11	3.32	3.29	<i>3.02</i>	<i>3.26</i>	<i>3.47</i>	<i>3.34</i>	<i>3.07</i>	<i>3.30</i>	3.11	<i>3.22</i>	<i>3.29</i>
Africa	3.28	3.25	3.15	3.28	3.37	3.34	<i>3.25</i>	<i>3.34</i>	<i>3.43</i>	<i>3.38</i>	<i>3.34</i>	<i>3.40</i>	3.24	<i>3.32</i>	<i>3.39</i>
Total OECD Liquid Fuels Consumption	46.39	44.47	44.97	45.86	45.82	44.83	<i>45.03</i>	<i>45.82</i>	<i>46.10</i>	<i>44.58</i>	<i>45.02</i>	<i>45.70</i>	45.42	<i>45.37</i>	<i>45.35</i>
Total non-OECD Liquid Fuels Consumption	37.25	39.52	39.59	39.25	39.59	41.12	<i>41.02</i>	<i>40.56</i>	<i>41.38</i>	<i>42.36</i>	<i>42.42</i>	<i>41.85</i>	38.91	<i>40.58</i>	<i>42.01</i>
Total World Liquid Fuels Consumption	83.63	83.99	84.56	85.11	85.41	85.95	<i>86.05</i>	<i>86.37</i>	<i>87.48</i>	<i>86.95</i>	<i>87.44</i>	<i>87.55</i>	84.33	<i>85.95</i>	<i>87.36</i>
World Real Gross Domestic Product (a)															
Index, 2007 Q1 = 100	100.77	101.38	102.21	103.46	104.68	105.59	<i>106.24</i>	<i>107.11</i>	<i>107.97</i>	<i>108.91</i>	<i>109.84</i>	<i>111.05</i>	101.96	<i>105.91</i>	<i>109.45</i>
Percent change from prior year	-3.0	-2.8	-1.6	1.3	3.9	4.2	<i>3.9</i>	<i>3.5</i>	<i>3.1</i>	<i>3.1</i>	<i>3.4</i>	<i>3.7</i>	-1.5	<i>3.9</i>	<i>3.3</i>
Real U.S. Dollar Exchange Rate (a)															
Index, January 2007 = 100	104.11	100.90	97.91	95.55	95.71	96.38	<i>96.64</i>	<i>96.82</i>	<i>96.57</i>	<i>96.37</i>	<i>95.87</i>	<i>95.94</i>	99.59	<i>96.39</i>	<i>96.18</i>
Percent change from prior year	13.9	12.1	6.5	-5.6	-8.1	-4.5	<i>-1.3</i>	<i>1.3</i>	<i>0.9</i>	<i>0.0</i>	<i>-0.8</i>	<i>-0.9</i>	6.3	<i>-3.2</i>	<i>-0.2</i>

- = no data available

FSU = Former Soviet Union

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

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

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

(a) Weighted geometric mean of real indices for various countries with weights equal to each country's share of world oil consumption in the base period. Exchange rate is measured in foreign currency per U.S. dollar.

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.

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 2010

	2009				2010				2011				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2009	2010	2011
Supply (million barrels per day)															
Crude Oil Supply															
Domestic Production (a)	5.21	5.31	5.46	5.46	5.47	5.46	<i>5.25</i>	<i>5.54</i>	<i>5.55</i>	<i>5.50</i>	<i>5.38</i>	<i>5.35</i>	5.36	<i>5.43</i>	<i>5.44</i>
Alaska	0.70	0.63	0.59	0.66	0.64	0.58	<i>0.58</i>	<i>0.64</i>	<i>0.62</i>	<i>0.60</i>	<i>0.57</i>	<i>0.55</i>	0.65	<i>0.61</i>	<i>0.59</i>
Federal Gulf of Mexico (b)	1.31	1.52	1.73	1.67	1.70	1.67	<i>1.47</i>	<i>1.69</i>	<i>1.60</i>	<i>1.50</i>	<i>1.46</i>	<i>1.50</i>	1.56	<i>1.63</i>	<i>1.51</i>
Lower 48 States (excl GOM)	3.20	3.16	3.13	3.13	3.12	3.22	<i>3.20</i>	<i>3.21</i>	<i>3.33</i>	<i>3.40</i>	<i>3.34</i>	<i>3.30</i>	3.16	<i>3.19</i>	<i>3.34</i>
Crude Oil Net Imports (c)	9.39	9.05	9.02	8.43	8.77	9.80	<i>9.60</i>	<i>8.53</i>	<i>8.51</i>	<i>9.37</i>	<i>9.42</i>	<i>8.86</i>	8.97	<i>9.17</i>	<i>9.04</i>
SPR Net Withdrawals	-0.12	-0.12	-0.01	-0.02	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>	-0.07	<i>0.00</i>	<i>0.00</i>
Commercial Inventory Net Withdrawals	-0.46	0.22	0.13	0.11	-0.34	-0.08	<i>0.07</i>	<i>0.11</i>	<i>-0.14</i>	<i>0.07</i>	<i>0.17</i>	<i>0.07</i>	0.00	<i>-0.06</i>	<i>0.04</i>
Crude Oil Adjustment (d)	0.11	0.11	0.06	0.02	0.08	0.05	<i>-0.02</i>	<i>-0.03</i>	<i>0.05</i>	<i>0.09</i>	<i>0.03</i>	<i>-0.03</i>	0.07	<i>0.02</i>	<i>0.03</i>
Total Crude Oil Input to Refineries	14.13	14.57	14.65	13.99	13.98	15.24	<i>14.98</i>	<i>14.15</i>	<i>13.97</i>	<i>15.02</i>	<i>15.00</i>	<i>14.25</i>	14.34	<i>14.59</i>	<i>14.56</i>
Other Supply															
Refinery Processing Gain	0.93	1.00	1.01	0.98	1.02	1.06	<i>1.01</i>	<i>0.99</i>	<i>0.96</i>	<i>1.00</i>	<i>1.02</i>	<i>1.01</i>	0.98	<i>1.02</i>	<i>1.00</i>
Natural Gas Liquids Production	1.81	1.92	1.93	1.98	1.96	1.99	<i>1.95</i>	<i>1.91</i>	<i>1.89</i>	<i>1.94</i>	<i>1.93</i>	<i>1.89</i>	1.91	<i>1.95</i>	<i>1.91</i>
Renewables and Oxygenate Production (e)	0.68	0.71	0.78	0.82	0.86	0.89	<i>0.89</i>	<i>0.90</i>	<i>0.91</i>	<i>0.91</i>	<i>0.92</i>	<i>0.92</i>	0.75	<i>0.88</i>	<i>0.92</i>
Fuel Ethanol Production	0.64	0.68	0.74	0.79	0.83	0.84	<i>0.85</i>	<i>0.87</i>	<i>0.88</i>	<i>0.88</i>	<i>0.89</i>	<i>0.89</i>	0.71	<i>0.85</i>	<i>0.88</i>
Petroleum Products Adjustment (f)	0.14	0.14	0.15	0.15	0.14	0.15	<i>0.15</i>	<i>0.14</i>	<i>0.13</i>	<i>0.13</i>	<i>0.13</i>	<i>0.13</i>	0.14	<i>0.14</i>	<i>0.13</i>
Product Net Imports (c)	1.33	0.77	0.38	0.32	0.56	0.25	<i>0.45</i>	<i>0.33</i>	<i>0.87</i>	<i>0.53</i>	<i>0.25</i>	<i>0.42</i>	0.70	<i>0.40</i>	<i>0.52</i>
Pentanes Plus	-0.03	-0.03	-0.03	-0.03	-0.03	0.00	<i>-0.02</i>	<i>0.00</i>	<i>-0.01</i>	<i>-0.01</i>	<i>-0.03</i>	<i>-0.01</i>	-0.03	<i>-0.01</i>	<i>-0.02</i>
Liquefied Petroleum Gas	0.15	0.07	0.02	0.09	0.07	-0.01	<i>-0.01</i>	<i>0.00</i>	<i>0.03</i>	<i>0.00</i>	<i>0.00</i>	<i>0.03</i>	0.08	<i>0.01</i>	<i>0.01</i>
Unfinished Oils	0.69	0.73	0.71	0.57	0.53	0.57	<i>0.71</i>	<i>0.68</i>	<i>0.64</i>	<i>0.68</i>	<i>0.71</i>	<i>0.67</i>	0.68	<i>0.62</i>	<i>0.67</i>
Other HC/Oxygenates	-0.04	-0.04	-0.03	-0.03	-0.03	-0.05	<i>-0.06</i>	<i>-0.05</i>	<i>-0.05</i>	<i>-0.04</i>	<i>-0.04</i>	<i>-0.04</i>	-0.03	<i>-0.05</i>	<i>-0.04</i>
Motor Gasoline Blend Comp.	0.84	0.71	0.66	0.61	0.60	0.75	<i>0.81</i>	<i>0.63</i>	<i>0.64</i>	<i>0.71</i>	<i>0.69</i>	<i>0.71</i>	0.70	<i>0.70</i>	<i>0.69</i>
Finished Motor Gasoline	0.10	0.05	0.03	-0.06	-0.12	-0.11	<i>-0.09</i>	<i>-0.08</i>	<i>0.04</i>	<i>0.03</i>	<i>0.01</i>	<i>-0.05</i>	0.03	<i>-0.10</i>	<i>0.00</i>
Jet Fuel	0.02	0.01	0.04	-0.03	0.02	0.00	<i>0.01</i>	<i>-0.02</i>	<i>0.01</i>	<i>0.01</i>	<i>0.00</i>	<i>0.00</i>	0.01	<i>0.00</i>	<i>0.00</i>
Distillate Fuel Oil	-0.26	-0.43	-0.43	-0.33	-0.11	-0.48	<i>-0.52</i>	<i>-0.47</i>	<i>-0.24</i>	<i>-0.45</i>	<i>-0.57</i>	<i>-0.44</i>	-0.36	<i>-0.40</i>	<i>-0.43</i>
Residual Fuel Oil	0.05	-0.02	-0.25	-0.11	-0.02	-0.04	<i>-0.02</i>	<i>0.00</i>	<i>0.05</i>	<i>-0.05</i>	<i>-0.09</i>	<i>-0.06</i>	-0.08	<i>-0.02</i>	<i>-0.04</i>
Other Oils (g)	-0.20	-0.28	-0.34	-0.37	-0.35	-0.38	<i>-0.37</i>	<i>-0.35</i>	<i>-0.25</i>	<i>-0.34</i>	<i>-0.42</i>	<i>-0.38</i>	-0.30	<i>-0.36</i>	<i>-0.35</i>
Product Inventory Net Withdrawals	-0.15	-0.55	-0.16	0.69	0.30	-0.57	<i>-0.45</i>	<i>0.49</i>	<i>0.42</i>	<i>-0.46</i>	<i>-0.23</i>	<i>0.34</i>	-0.04	<i>-0.06</i>	<i>0.02</i>
Total Supply	18.86	18.57	18.72	18.93	18.83	19.01	<i>18.98</i>	<i>18.91</i>	<i>19.15</i>	<i>19.08</i>	<i>19.03</i>	<i>18.96</i>	18.77	<i>18.93</i>	<i>19.06</i>
Consumption (million barrels per day)															
Natural Gas Liquids and Other Liquids															
Pentanes Plus	0.04	0.06	0.09	0.10	0.08	0.07	<i>0.07</i>	<i>0.09</i>	<i>0.07</i>	<i>0.06</i>	<i>0.06</i>	<i>0.08</i>	0.08	<i>0.08</i>	<i>0.07</i>
Liquefied Petroleum Gas	2.09	1.80	1.90	2.41	2.38	1.79	<i>1.87</i>	<i>2.05</i>	<i>2.27</i>	<i>1.80</i>	<i>1.84</i>	<i>2.06</i>	2.05	<i>2.02</i>	<i>1.99</i>
Unfinished Oils	0.04	-0.11	-0.02	-0.05	0.05	0.03	<i>-0.08</i>	<i>0.00</i>	<i>0.01</i>	<i>-0.02</i>	<i>-0.07</i>	<i>0.00</i>	-0.04	<i>0.00</i>	<i>-0.02</i>
Finished Liquid Fuels															
Motor Gasoline	8.79	9.10	9.16	8.94	8.65	9.20	<i>9.24</i>	<i>9.00</i>	<i>8.81</i>	<i>9.25</i>	<i>9.30</i>	<i>9.04</i>	9.00	<i>9.03</i>	<i>9.10</i>
Jet Fuel	1.36	1.39	1.46	1.36	1.39	1.44	<i>1.43</i>	<i>1.36</i>	<i>1.39</i>	<i>1.44</i>	<i>1.45</i>	<i>1.38</i>	1.39	<i>1.40</i>	<i>1.41</i>
Distillate Fuel Oil	3.90	3.47	3.46	3.70	3.79	3.70	<i>3.60</i>	<i>3.74</i>	<i>3.90</i>	<i>3.69</i>	<i>3.59</i>	<i>3.75</i>	3.63	<i>3.70</i>	<i>3.73</i>
Residual Fuel Oil	0.60	0.56	0.38	0.51	0.56	0.53	<i>0.51</i>	<i>0.56</i>	<i>0.62</i>	<i>0.54</i>	<i>0.51</i>	<i>0.54</i>	0.51	<i>0.54</i>	<i>0.55</i>
Other Oils (f)	2.05	2.30	2.30	1.95	1.92	2.24	<i>2.34</i>	<i>2.12</i>	<i>2.09</i>	<i>2.32</i>	<i>2.35</i>	<i>2.12</i>	2.15	<i>2.15</i>	<i>2.22</i>
Total Consumption	18.86	18.57	18.72	18.93	18.82	19.01	<i>18.98</i>	<i>18.91</i>	<i>19.15</i>	<i>19.08</i>	<i>19.03</i>	<i>18.96</i>	18.77	<i>18.93</i>	<i>19.06</i>
Total Liquid Fuels Net Imports	10.71	9.83	9.40	8.75	9.33	10.05	<i>10.05</i>	<i>8.86</i>	<i>9.38</i>	<i>9.90</i>	<i>9.67</i>	<i>9.28</i>	9.67	<i>9.57</i>	<i>9.56</i>
End-of-period Inventories (million barrels)															
Commercial Inventory															
Crude Oil (excluding SPR)	366.9	347.1	335.0	325.2	355.4	362.7	<i>356.2</i>	<i>346.1</i>	<i>359.0</i>	<i>352.8</i>	<i>336.7</i>	<i>330.6</i>	325.2	<i>346.1</i>	<i>330.6</i>
Pentanes Plus	15.5	17.2	15.0	10.5	9.4	11.5	<i>12.8</i>	<i>10.9</i>	<i>11.2</i>	<i>12.9</i>	<i>13.7</i>	<i>11.4</i>	10.5	<i>10.9</i>	<i>11.4</i>
Liquefied Petroleum Gas	91.2	132.6	156.3	102.1	73.2	121.8	<i>149.6</i>	<i>114.8</i>	<i>78.4</i>	<i>118.2</i>	<i>146.9</i>	<i>112.0</i>	102.1	<i>114.8</i>	<i>112.0</i>
Unfinished Oils	94.0	92.0	85.0	79.9	86.3	83.4	<i>80.6</i>	<i>77.6</i>	<i>89.9</i>	<i>87.2</i>	<i>87.4</i>	<i>80.9</i>	79.9	<i>77.6</i>	<i>80.9</i>
Other HC/Oxygenates	18.2	15.4	16.4	18.8	22.0	20.6	<i>20.7</i>	<i>20.9</i>	<i>21.6</i>	<i>21.8</i>	<i>21.9</i>	<i>21.9</i>	18.8	<i>20.9</i>	<i>21.9</i>
Total Motor Gasoline	217.1	213.9	214.1	223.3	224.0	214.8	<i>224.1</i>	<i>223.7</i>	<i>220.3</i>	<i>216.6</i>	<i>208.9</i>	<i>218.6</i>	223.3	<i>223.7</i>	<i>218.6</i>
Finished Motor Gasoline	85.9	88.6	84.7	84.9	81.9	71.8	<i>76.6</i>	<i>76.7</i>	<i>70.9</i>	<i>74.6</i>	<i>70.7</i>	<i>74.1</i>	84.9	<i>76.7</i>	<i>74.1</i>
Motor Gasoline Blend Comp.	131.2	125.2	129.4	138.4	142.1	143.0	<i>147.5</i>	<i>147.0</i>	<i>149.4</i>	<i>142.0</i>	<i>138.3</i>	<i>144.5</i>	138.4	<i>147.0</i>	<i>144.5</i>
Jet Fuel	43.1	44.8	46.3	43.4	41.9	44.9	<i>46.6</i>	<i>43.7</i>	<i>42.6</i>	<i>43.4</i>	<i>43.8</i>	<i>42.5</i>	43.4	<i>43.7</i>	<i>42.5</i>
Distillate Fuel Oil	145.3	162.7	172.7	166.0	146.0	157.9	<i>172.6</i>	<i>167.5</i>	<i>148.2</i>	<i>156.8</i>	<i>164.6</i>	<i>165.3</i>	166.0	<i>167.5</i>	<i>165.3</i>
Residual Fuel Oil	38.4	36.9	35.2	37.2	40.6	42.3	<i>39.5</i>	<i>40.0</i>	<i>39.5</i>	<i>39.4</i>	<i>38.1</i>	<i>39.3</i>	37.2	<i>40.0</i>	<i>39.3</i>
Other Oils (f)	60.3	57.9	47.3	43.5	54.0	52.2	<i>44.7</i>	<i>47.2</i>	<i>56.9</i>	<i>54.3</i>	<i>46.1</i>	<i>48.2</i>	43.5	<i>47.2</i>	<i>48.2</i>
Total Commercial Inventory	1,090	1,120	1,123	1,050	1,053	1,112	<i>1,147</i>	<i>1,092</i>	<i>1,068</i>	<i>1,103</i>	<i>1,108</i>	<i>1,071</i>	1,050	<i>1,092</i>	<i>1,071</i>
Crude Oil in SPR	713	724	725	727	727	727	<i>727</i>	<i>727</i>	<i>727</i>	<i>727</i>	<i>727</i>	<i>727</i>	727	<i>727</i>	<i>727</i>
Heating Oil Reserve	2.0	2.0	2.0	2.0	2.0	2.0	<i>2.0</i>	<i>2.0</i>	<i>2.0</i>	<i>2.0</i>	<i>2.0</i>	<i>2.0</i>	2.0	<i>2.0</i>	<i>2.0</i>

- = 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

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

Energy Information Administration/Short-Term Energy Outlook - September 2010

	2009				2010				2011				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2009	2010	2011
Refinery and Blender Net Inputs															
Crude Oil	14.13	14.57	14.65	13.99	13.98	15.24	<i>14.98</i>	<i>14.15</i>	<i>13.97</i>	<i>15.02</i>	<i>15.00</i>	<i>14.25</i>	14.34	<i>14.59</i>	<i>14.56</i>
Pentanes Plus	0.15	0.15	0.17	0.17	0.14	0.15	<i>0.16</i>	<i>0.18</i>	<i>0.16</i>	<i>0.16</i>	<i>0.16</i>	<i>0.18</i>	0.16	<i>0.16</i>	<i>0.16</i>
Liquefied Petroleum Gas	0.34	0.27	0.27	0.40	0.30	0.22	<i>0.25</i>	<i>0.38</i>	<i>0.32</i>	<i>0.25</i>	<i>0.27</i>	<i>0.38</i>	0.32	<i>0.29</i>	<i>0.31</i>
Other Hydrocarbons/Oxygenates	0.74	0.80	0.82	0.86	0.87	0.95	<i>0.94</i>	<i>0.93</i>	<i>0.95</i>	<i>0.96</i>	<i>0.97</i>	<i>0.96</i>	0.81	<i>0.93</i>	<i>0.96</i>
Unfinished Oils	0.53	0.87	0.81	0.68	0.42	0.58	<i>0.82</i>	<i>0.71</i>	<i>0.50</i>	<i>0.72</i>	<i>0.78</i>	<i>0.74</i>	0.72	<i>0.63</i>	<i>0.69</i>
Motor Gasoline Blend Components	0.64	0.62	0.48	0.48	0.47	0.70	<i>0.56</i>	<i>0.52</i>	<i>0.54</i>	<i>0.67</i>	<i>0.51</i>	<i>0.54</i>	0.55	<i>0.56</i>	<i>0.56</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	16.55	17.28	17.20	16.59	16.17	17.86	<i>17.72</i>	<i>16.88</i>	<i>16.42</i>	<i>17.79</i>	<i>17.70</i>	<i>17.05</i>	16.90	<i>17.16</i>	<i>17.25</i>
Refinery Processing Gain	0.93	1.00	1.01	0.98	1.02	1.06	<i>1.01</i>	<i>0.99</i>	<i>0.96</i>	<i>1.00</i>	<i>1.02</i>	<i>1.01</i>	0.98	<i>1.02</i>	<i>1.00</i>
Refinery and Blender Net Production															
Liquefied Petroleum Gas	0.49	0.81	0.76	0.43	0.57	0.85	<i>0.76</i>	<i>0.41</i>	<i>0.52</i>	<i>0.83</i>	<i>0.77</i>	<i>0.41</i>	0.62	<i>0.65</i>	<i>0.63</i>
Finished Motor Gasoline	8.50	8.86	8.88	8.89	8.58	9.09	<i>9.13</i>	<i>8.90</i>	<i>8.58</i>	<i>9.08</i>	<i>8.98</i>	<i>8.96</i>	8.79	<i>8.93</i>	<i>8.90</i>
Jet Fuel	1.39	1.40	1.43	1.36	1.35	1.47	<i>1.44</i>	<i>1.35</i>	<i>1.37</i>	<i>1.43</i>	<i>1.45</i>	<i>1.37</i>	1.40	<i>1.41</i>	<i>1.41</i>
Distillate Fuel	4.15	4.09	4.00	3.96	3.69	4.31	<i>4.28</i>	<i>4.15</i>	<i>3.93</i>	<i>4.23</i>	<i>4.24</i>	<i>4.20</i>	4.05	<i>4.11</i>	<i>4.15</i>
Residual Fuel	0.58	0.56	0.61	0.64	0.61	0.59	<i>0.50</i>	<i>0.57</i>	<i>0.56</i>	<i>0.58</i>	<i>0.59</i>	<i>0.61</i>	0.60	<i>0.56</i>	<i>0.59</i>
Other Oils (a)	2.37	2.55	2.53	2.28	2.39	2.60	<i>2.62</i>	<i>2.49</i>	<i>2.44</i>	<i>2.63</i>	<i>2.69</i>	<i>2.52</i>	2.43	<i>2.53</i>	<i>2.57</i>
Total Refinery and Blender Net Production	17.48	18.28	18.20	17.57	17.19	18.91	<i>18.73</i>	<i>17.87</i>	<i>17.39</i>	<i>18.80</i>	<i>18.72</i>	<i>18.06</i>	17.88	<i>18.18</i>	<i>18.24</i>
Refinery Distillation Inputs	14.45	14.88	14.92	14.38	14.32	15.65	<i>15.45</i>	<i>14.52</i>	<i>14.31</i>	<i>15.35</i>	<i>15.33</i>	<i>14.60</i>	14.66	<i>14.99</i>	<i>14.90</i>
Refinery Operable Distillation Capacity	17.67	17.67	17.68	17.69	17.58	17.59	<i>17.59</i>	<i>17.59</i>	<i>17.59</i>	<i>17.59</i>	<i>17.59</i>	<i>17.59</i>	17.68	<i>17.59</i>	<i>17.59</i>
Refinery Distillation Utilization Factor	0.82	0.84	0.84	0.81	0.81	0.89	<i>0.88</i>	<i>0.83</i>	<i>0.81</i>	<i>0.87</i>	<i>0.87</i>	<i>0.83</i>	0.83	<i>0.85</i>	<i>0.85</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 2010

	2009				2010				2011				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2009	2010	2011
Prices (cents per gallon)															
Refiner Wholesale Price	133	176	194	200	211	218	208	204	217	233	234	224	176	210	227
Gasoline Regular Grade Retail Prices Excluding Taxes															
PADD 1 (East Coast)	140	183	204	211	223	229	216	214	227	242	246	238	185	220	239
PADD 2 (Midwest)	142	186	201	208	218	228	218	214	226	242	244	234	185	220	237
PADD 3 (Gulf Coast)	136	180	200	205	216	226	213	213	225	240	244	234	181	217	236
PADD 4 (Rocky Mountain)	128	182	210	207	218	236	228	216	221	242	253	240	183	225	239
PADD 5 (West Coast)	157	197	233	231	239	247	246	230	241	260	260	251	205	240	253
U.S. Average	142	185	206	211	223	231	221	217	229	245	248	238	187	223	240
Gasoline Regular Grade Retail Prices Including Taxes															
PADD 1	187	229	254	259	271	278	265	264	276	291	298	288	233	269	289
PADD 2	187	230	248	254	265	276	266	261	272	289	292	282	230	267	284
PADD 3	178	220	241	246	259	269	256	255	267	283	286	277	222	260	278
PADD 4	173	226	257	254	264	284	276	264	268	290	302	289	228	272	288
PADD 5	210	251	292	288	294	304	304	288	298	318	319	310	261	298	311
U.S. Average	189	232	257	260	271	281	271	266	277	294	298	288	235	272	290
Gasoline All Grades Including Taxes	194	237	262	266	277	286	276	271	282	299	303	294	240	278	295
End-of-period Inventories (million barrels)															
Total Gasoline Inventories															
PADD 1	58.1	57.2	59.5	61.7	56.6	59.9	63.4	61.1	57.0	56.6	53.0	56.4	61.7	61.1	56.4
PADD 2	51.1	51.0	51.5	52.5	55.2	48.9	50.8	51.9	53.3	52.8	52.4	53.0	52.5	51.9	53.0
PADD 3	72.6	70.4	68.7	71.7	74.2	72.5	74.1	73.2	72.8	70.7	68.5	71.7	71.7	73.2	71.7
PADD 4	6.2	5.9	6.1	5.8	5.9	6.4	6.4	7.0	6.7	6.4	6.4	6.9	5.8	7.0	6.9
PADD 5	29.1	29.3	28.3	31.6	32.1	27.2	29.3	30.5	30.6	30.1	28.7	30.6	31.6	30.5	30.6
U.S. Total	217.1	213.9	214.1	223.3	224.0	214.8	224.1	223.7	220.3	216.6	208.9	218.6	223.3	223.7	218.6
Finished Gasoline Inventories															
PADD 1	17.4	18.6	19.0	18.3	15.4	13.3	14.3	13.1	9.1	11.8	10.6	13.2	18.3	13.1	13.2
PADD 2	28.5	28.1	26.5	27.5	27.9	24.3	25.5	27.2	27.4	27.6	27.1	27.3	27.5	27.2	27.3
PADD 3	31.0	32.0	30.0	31.1	29.4	25.2	26.5	27.6	24.8	25.5	24.0	25.4	31.1	27.6	25.4
PADD 4	3.9	4.1	4.1	4.0	4.1	4.1	4.3	4.5	4.5	4.4	4.2	4.4	4.0	4.5	4.4
PADD 5	5.1	5.8	5.1	4.1	5.1	4.9	6.0	4.3	5.2	5.4	4.7	3.7	4.1	4.3	3.7
U.S. Total	85.9	88.6	84.7	84.9	81.9	71.8	76.6	76.7	70.9	74.6	70.7	74.1	84.9	76.7	74.1
Gasoline Blending Components Inventories															
PADD 1	40.6	38.5	40.6	43.4	41.3	46.6	49.1	48.0	47.9	44.8	42.4	43.2	43.4	48.0	43.2
PADD 2	22.6	22.9	24.9	25.0	27.3	24.6	25.4	24.7	25.9	25.2	25.3	25.8	25.0	24.7	25.8
PADD 3	41.6	38.4	38.7	40.6	44.8	47.3	47.6	45.6	48.0	45.2	44.5	46.2	40.6	45.6	46.2
PADD 4	2.4	1.9	2.1	1.8	1.8	2.2	2.1	2.5	2.2	2.0	2.2	2.5	1.8	2.5	2.5
PADD 5	24.0	23.5	23.2	27.6	27.0	22.2	23.3	26.2	25.4	24.7	24.0	26.8	27.6	26.2	26.8
U.S. Total	131.2	125.2	129.4	138.4	142.1	143.0	147.5	147.0	149.4	142.0	138.3	144.5	138.4	147.0	144.5

- = no data available

Prices are not adjusted for inflation.

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 2010

	2009				2010				2011				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2009	2010	2011
Prices (cents per gallon)															
Refiner Wholesale Prices															
Heating Oil	145	151	175	197	205	212	202	211	219	222	224	232	166	207	224
Diesel Fuel	137	161	184	200	209	220	210	214	222	233	236	238	171	213	233
Heating Oil Residential Prices Excluding Taxes															
Northeast	238	226	236	260	277	276	264	280	290	284	283	301	242	277	292
South	228	211	225	260	275	262	253	278	291	274	272	300	236	272	290
Midwest	190	194	220	240	250	258	253	263	268	269	274	285	210	255	274
West	217	233	258	277	285	300	276	289	294	299	303	315	247	288	303
U.S. Average	233	222	232	258	275	274	263	279	290	283	283	301	239	275	291
Heating Oil Residential Prices Including State Taxes															
Northeast	250	237	247	273	292	290	277	294	306	298	298	317	254	291	307
South	238	220	235	272	289	276	264	291	307	288	285	314	247	286	304
Midwest	201	205	233	253	264	272	267	278	283	284	289	301	222	270	289
West	225	241	266	287	294	312	284	300	303	310	313	327	255	298	313
U.S. Average	246	235	246	272	290	289	276	293	305	297	296	316	252	290	306
Total Distillate End-of-period Inventories (million barrels)															
PADD 1 (East Coast)	54.6	68.9	74.8	68.3	56.6	62.7	74.9	71.5	55.8	63.1	71.3	68.8	68.3	71.5	68.8
PADD 2 (Midwest)	34.1	32.9	34.0	32.3	30.1	30.6	32.0	30.7	30.5	29.9	30.5	31.3	32.3	30.7	31.3
PADD 3 (Gulf Coast)	40.2	44.9	48.5	48.9	45.5	48.6	50.3	48.9	46.6	48.6	47.9	48.7	48.9	48.9	48.7
PADD 4 (Rocky Mountain)	3.4	3.2	3.3	3.1	3.0	3.0	3.1	3.2	3.2	3.1	3.0	3.2	3.1	3.2	3.2
PADD 5 (West Coast)	12.9	12.8	12.1	13.4	10.8	13.0	12.2	13.2	12.1	12.2	12.0	13.3	13.4	13.2	13.3
U.S. Total	145.3	162.7	172.7	166.0	146.0	157.9	172.6	167.5	148.2	156.8	164.6	165.3	166.0	167.5	165.3

- = no data available

Prices are not adjusted for inflation.

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 2010

	2009				2010				2011				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2009	2010	2011
Prices (cents per gallon)															
Propane Wholesale Price (a)	68	72	86	109	123	109	106	114	115	108	109	120	86	114	114
Propane Residential Prices excluding Taxes															
Northeast	255	248	240	242	264	266	<i>256</i>	<i>256</i>	<i>264</i>	<i>263</i>	<i>259</i>	<i>265</i>	249	<i>261</i>	<i>263</i>
South	237	212	191	205	245	245	<i>220</i>	<i>237</i>	<i>248</i>	<i>232</i>	<i>218</i>	<i>243</i>	218	<i>239</i>	<i>240</i>
Midwest	204	176	143	151	180	179	<i>168</i>	<i>181</i>	<i>193</i>	<i>184</i>	<i>166</i>	<i>184</i>	175	<i>178</i>	<i>185</i>
West	218	197	170	195	241	235	<i>207</i>	<i>230</i>	<i>249</i>	<i>230</i>	<i>209</i>	<i>239</i>	200	<i>231</i>	<i>237</i>
U.S. Average	223	203	175	185	222	227	<i>201</i>	<i>215</i>	<i>228</i>	<i>222</i>	<i>200</i>	<i>220</i>	202	<i>217</i>	<i>221</i>
Propane Residential Prices including State Taxes															
Northeast	267	260	251	253	277	278	<i>269</i>	<i>267</i>	<i>277</i>	<i>275</i>	<i>271</i>	<i>277</i>	260	<i>273</i>	<i>276</i>
South	249	223	201	216	258	258	<i>231</i>	<i>249</i>	<i>261</i>	<i>245</i>	<i>230</i>	<i>255</i>	229	<i>252</i>	<i>253</i>
Midwest	215	186	151	159	190	189	<i>178</i>	<i>191</i>	<i>205</i>	<i>194</i>	<i>175</i>	<i>194</i>	184	<i>189</i>	<i>196</i>
West	229	208	179	205	254	249	<i>218</i>	<i>243</i>	<i>263</i>	<i>244</i>	<i>220</i>	<i>253</i>	211	<i>244</i>	<i>251</i>
U.S. Average	235	213	185	195	234	239	<i>212</i>	<i>226</i>	<i>241</i>	<i>234</i>	<i>211</i>	<i>232</i>	213	<i>229</i>	<i>233</i>
Propane End-of-period Inventories (million barrels)															
PADD 1 (East Coast)	3.2	3.6	4.5	4.7	2.6	4.0	<i>4.5</i>	<i>4.3</i>	<i>2.5</i>	<i>4.0</i>	<i>4.6</i>	<i>4.3</i>	4.7	<i>4.3</i>	<i>4.3</i>
PADD 2 (Midwest)	13.4	24.3	31.6	19.4	10.1	20.0	<i>29.4</i>	<i>23.2</i>	<i>12.4</i>	<i>20.9</i>	<i>27.4</i>	<i>22.0</i>	19.4	<i>23.2</i>	<i>22.0</i>
PADD 3 (Gulf Coast)	22.6	34.6	36.3	24.4	14.7	25.3	<i>32.2</i>	<i>27.6</i>	<i>14.6</i>	<i>25.3</i>	<i>33.9</i>	<i>27.4</i>	24.4	<i>27.6</i>	<i>27.4</i>
PADD 4 (Rocky Mountain)	0.4	0.4	0.4	0.4	0.3	0.3	<i>0.4</i>	<i>0.4</i>	<i>0.3</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)	0.5	1.2	2.3	1.3	0.4	1.0	<i>2.1</i>	<i>1.5</i>	<i>0.3</i>	<i>1.1</i>	<i>2.2</i>	<i>1.6</i>	1.3	<i>1.5</i>	<i>1.6</i>
U.S. Total	40.0	64.2	75.1	50.1	28.1	50.5	<i>68.5</i>	<i>57.0</i>	<i>30.1</i>	<i>51.6</i>	<i>68.6</i>	<i>55.6</i>	50.1	<i>57.0</i>	<i>55.6</i>

- = no data available

Prices are not adjusted for inflation.

(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 2010

	2009				2010				2011				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2009	2010	2011
Supply (billion cubic feet per day)															
Total Marketed Production	60.55	60.20	59.42	59.77	61.03	61.73	<i>61.28</i>	<i>60.82</i>	<i>60.71</i>	<i>60.34</i>	<i>59.74</i>	<i>59.47</i>	59.98	<i>61.21</i>	<i>60.06</i>
Alaska	1.22	1.06	0.93	1.14	1.16	0.98	<i>0.89</i>	<i>1.08</i>	<i>1.16</i>	<i>1.00</i>	<i>0.98</i>	<i>1.11</i>	1.09	<i>1.03</i>	<i>1.06</i>
Federal GOM (a)	6.46	6.80	6.92	6.48	6.67	6.22	<i>5.67</i>	<i>5.87</i>	<i>5.70</i>	<i>5.52</i>	<i>5.07</i>	<i>4.97</i>	6.67	<i>6.10</i>	<i>5.31</i>
Lower 48 States (excl GOM)	52.87	52.34	51.57	52.15	53.20	54.54	<i>54.71</i>	<i>53.87</i>	<i>53.86</i>	<i>53.82</i>	<i>53.69</i>	<i>53.39</i>	52.23	<i>54.09</i>	<i>53.69</i>
Total Dry Gas Production	58.11	57.63	56.84	57.08	58.36	58.99	<i>58.54</i>	<i>58.10</i>	<i>58.00</i>	<i>57.64</i>	<i>57.07</i>	<i>56.81</i>	57.41	<i>58.50</i>	<i>57.38</i>
Gross Imports	11.15	9.56	10.44	9.98	11.41	9.77	<i>10.25</i>	<i>10.19</i>	<i>11.11</i>	<i>9.72</i>	<i>10.54</i>	<i>10.40</i>	10.28	<i>10.40</i>	<i>10.44</i>
Pipeline	10.19	7.85	9.23	8.90	9.86	8.55	<i>9.24</i>	<i>8.97</i>	<i>9.84</i>	<i>8.35</i>	<i>9.18</i>	<i>9.11</i>	9.04	<i>9.15</i>	<i>9.12</i>
LNG	0.96	1.71	1.21	1.08	1.55	1.21	<i>1.01</i>	<i>1.22</i>	<i>1.27</i>	<i>1.37</i>	<i>1.36</i>	<i>1.29</i>	1.24	<i>1.25</i>	<i>1.32</i>
Gross Exports	3.55	2.45	2.60	3.16	3.10	2.62	<i>2.64</i>	<i>3.15</i>	<i>3.46</i>	<i>2.43</i>	<i>2.41</i>	<i>3.13</i>	2.94	<i>2.87</i>	<i>2.85</i>
Net Imports	7.60	7.10	7.85	6.82	8.31	7.15	<i>7.61</i>	<i>7.04</i>	<i>7.65</i>	<i>7.30</i>	<i>8.13</i>	<i>7.28</i>	7.34	<i>7.53</i>	<i>7.59</i>
Supplemental Gaseous Fuels	0.19	0.14	0.17	0.19	0.19	0.16	<i>0.17</i>	<i>0.18</i>	<i>0.18</i>	<i>0.15</i>	<i>0.17</i>	<i>0.18</i>	0.17	<i>0.18</i>	<i>0.17</i>
Net Inventory Withdrawals	13.00	-12.19	-9.88	5.59	16.25	-11.94	<i>-7.80</i>	<i>3.94</i>	<i>15.81</i>	<i>-10.73</i>	<i>-8.65</i>	<i>4.00</i>	-0.91	<i>0.06</i>	<i>0.05</i>
Total Supply	78.90	52.68	54.97	69.69	83.11	54.36	<i>58.52</i>	<i>69.26</i>	<i>81.64</i>	<i>54.36</i>	<i>56.71</i>	<i>68.27</i>	64.01	<i>66.26</i>	<i>65.19</i>
Balancing Item (b)	0.78	-0.17	-1.10	-5.45	0.28	0.16	<i>-1.47</i>	<i>-3.81</i>	<i>0.43</i>	<i>1.03</i>	<i>0.18</i>	<i>-2.83</i>	-1.50	<i>-1.22</i>	<i>-0.30</i>
Total Primary Supply	79.68	52.51	53.87	64.24	83.40	54.52	<i>57.05</i>	<i>65.45</i>	<i>82.07</i>	<i>55.39</i>	<i>56.90</i>	<i>65.45</i>	62.51	<i>65.04</i>	<i>64.88</i>
Consumption (billion cubic feet per day)															
Residential	25.43	8.09	3.80	15.05	26.59	7.30	<i>3.80</i>	<i>14.92</i>	<i>25.95</i>	<i>8.27</i>	<i>3.84</i>	<i>14.98</i>	13.04	<i>13.10</i>	<i>13.20</i>
Commercial	14.35	6.03	4.23	9.53	14.72	5.72	<i>4.23</i>	<i>9.33</i>	<i>14.55</i>	<i>6.13</i>	<i>4.21</i>	<i>9.25</i>	8.51	<i>8.47</i>	<i>8.51</i>
Industrial	18.13	15.51	15.72	17.87	19.78	17.17	<i>16.54</i>	<i>18.06</i>	<i>19.78</i>	<i>17.18</i>	<i>16.88</i>	<i>18.56</i>	16.80	<i>17.88</i>	<i>18.09</i>
Electric Power (c)	15.97	17.87	25.10	16.47	16.37	19.17	<i>27.34</i>	<i>17.76</i>	<i>15.95</i>	<i>18.75</i>	<i>26.96</i>	<i>17.38</i>	18.87	<i>20.18</i>	<i>19.78</i>
Lease and Plant Fuel	3.49	3.47	3.42	3.44	3.52	3.56	<i>3.53</i>	<i>3.50</i>	<i>3.50</i>	<i>3.48</i>	<i>3.44</i>	<i>3.43</i>	3.46	<i>3.53</i>	<i>3.46</i>
Pipeline and Distribution Use	2.22	1.46	1.50	1.79	2.33	1.52	<i>1.52</i>	<i>1.79</i>	<i>2.25</i>	<i>1.50</i>	<i>1.47</i>	<i>1.75</i>	1.74	<i>1.79</i>	<i>1.74</i>
Vehicle Use	0.09	0.09	0.09	0.09	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>	0.09	<i>0.09</i>	<i>0.09</i>
Total Consumption	79.68	52.51	53.87	64.24	83.40	54.52	<i>57.05</i>	<i>65.45</i>	<i>82.07</i>	<i>55.39</i>	<i>56.90</i>	<i>65.45</i>	62.51	<i>65.04</i>	<i>64.88</i>
End-of-period Inventories (billion cubic feet)															
Working Gas Inventory	1,656	2,752	3,643	3,131	1,662	2,741	<i>3,459</i>	<i>3,097</i>	<i>1,674</i>	<i>2,650</i>	<i>3,446</i>	<i>3,078</i>	3,131	<i>3,097</i>	<i>3,078</i>
Producing Region (d)	734	1,003	1,164	1,012	627	962	<i>1,036</i>	<i>992</i>	<i>687</i>	<i>924</i>	<i>1,035</i>	<i>991</i>	1,012	<i>992</i>	<i>991</i>
East Consuming Region (d)	644	1,322	1,988	1,686	744	1,330	<i>1,917</i>	<i>1,663</i>	<i>709</i>	<i>1,309</i>	<i>1,918</i>	<i>1,648</i>	1,686	<i>1,663</i>	<i>1,648</i>
West Consuming Region (d)	279	427	490	433	291	450	<i>505</i>	<i>442</i>	<i>277</i>	<i>417</i>	<i>493</i>	<i>439</i>	433	<i>442</i>	<i>439</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 2010

	2009				2010				2011				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2009	2010	2011
Residential Sector															
New England	0.98	0.33	0.13	0.43	0.98	0.30	<i>0.14</i>	<i>0.46</i>	<i>1.01</i>	<i>0.37</i>	<i>0.15</i>	<i>0.45</i>	0.47	<i>0.47</i>	<i>0.49</i>
Middle Atlantic	4.79	1.43	0.64	2.60	4.60	1.21	<i>0.64</i>	<i>2.68</i>	<i>4.69</i>	<i>1.53</i>	<i>0.65</i>	<i>2.70</i>	2.35	<i>2.27</i>	<i>2.38</i>
E. N. Central	7.50	2.25	0.92	4.23	7.34	1.79	<i>0.87</i>	<i>4.35</i>	<i>7.43</i>	<i>2.22</i>	<i>0.89</i>	<i>4.34</i>	3.71	<i>3.57</i>	<i>3.70</i>
W. N. Central	2.52	0.71	0.28	1.36	2.60	0.57	<i>0.28</i>	<i>1.37</i>	<i>2.54</i>	<i>0.70</i>	<i>0.29</i>	<i>1.37</i>	1.21	<i>1.20</i>	<i>1.22</i>
S. Atlantic	2.44	0.56	0.32	1.56	2.81	0.49	<i>0.32</i>	<i>1.53</i>	<i>2.46</i>	<i>0.58</i>	<i>0.32</i>	<i>1.52</i>	1.22	<i>1.28</i>	<i>1.21</i>
E. S. Central	1.03	0.24	0.12	0.56	1.29	0.21	<i>0.12</i>	<i>0.54</i>	<i>1.08</i>	<i>0.24</i>	<i>0.12</i>	<i>0.54</i>	0.49	<i>0.53</i>	<i>0.49</i>
W. S. Central	1.71	0.53	0.28	1.04	2.47	0.53	<i>0.30</i>	<i>0.91</i>	<i>1.94</i>	<i>0.53</i>	<i>0.30</i>	<i>0.94</i>	0.89	<i>1.04</i>	<i>0.92</i>
Mountain	1.68	0.67	0.30	1.30	1.88	0.73	<i>0.31</i>	<i>1.18</i>	<i>1.91</i>	<i>0.69</i>	<i>0.31</i>	<i>1.21</i>	0.98	<i>1.02</i>	<i>1.02</i>
Pacific	2.80	1.36	0.81	1.96	2.63	1.48	<i>0.83</i>	<i>1.91</i>	<i>2.88</i>	<i>1.41</i>	<i>0.83</i>	<i>1.92</i>	1.73	<i>1.71</i>	<i>1.76</i>
Total	25.43	8.09	3.80	15.05	26.59	7.30	<i>3.80</i>	<i>14.92</i>	<i>25.95</i>	<i>8.27</i>	<i>3.84</i>	<i>14.98</i>	13.04	<i>13.10</i>	<i>13.20</i>
Commercial Sector															
New England	0.61	0.24	0.14	0.31	0.60	0.22	<i>0.14</i>	<i>0.32</i>	<i>0.60</i>	<i>0.25</i>	<i>0.14</i>	<i>0.31</i>	0.32	<i>0.32</i>	<i>0.32</i>
Middle Atlantic	2.85	1.16	0.88	1.76	2.78	1.12	<i>0.93</i>	<i>1.79</i>	<i>2.91</i>	<i>1.22</i>	<i>0.91</i>	<i>1.77</i>	1.66	<i>1.65</i>	<i>1.70</i>
E. N. Central	3.67	1.24	0.76	2.31	3.62	1.06	<i>0.72</i>	<i>2.31</i>	<i>3.73</i>	<i>1.24</i>	<i>0.73</i>	<i>2.30</i>	1.99	<i>1.92</i>	<i>1.99</i>
W. N. Central	1.53	0.52	0.30	0.96	1.56	0.45	<i>0.29</i>	<i>0.89</i>	<i>1.53</i>	<i>0.50</i>	<i>0.29</i>	<i>0.89</i>	0.82	<i>0.80</i>	<i>0.80</i>
S. Atlantic	1.62	0.70	0.56	1.17	1.76	0.67	<i>0.56</i>	<i>1.16</i>	<i>1.62</i>	<i>0.72</i>	<i>0.55</i>	<i>1.14</i>	1.01	<i>1.03</i>	<i>1.01</i>
E. S. Central	0.63	0.24	0.18	0.40	0.76	0.23	<i>0.18</i>	<i>0.39</i>	<i>0.65</i>	<i>0.24</i>	<i>0.17</i>	<i>0.38</i>	0.36	<i>0.39</i>	<i>0.36</i>
W. S. Central	1.11	0.60	0.46	0.78	1.36	0.58	<i>0.46</i>	<i>0.72</i>	<i>1.17</i>	<i>0.60</i>	<i>0.45</i>	<i>0.72</i>	0.74	<i>0.78</i>	<i>0.73</i>
Mountain	1.00	0.50	0.29	0.80	1.07	0.52	<i>0.28</i>	<i>0.69</i>	<i>1.05</i>	<i>0.50</i>	<i>0.28</i>	<i>0.70</i>	0.64	<i>0.64</i>	<i>0.63</i>
Pacific	1.32	0.84	0.67	1.04	1.22	0.86	<i>0.68</i>	<i>1.05</i>	<i>1.29</i>	<i>0.86</i>	<i>0.69</i>	<i>1.04</i>	0.96	<i>0.95</i>	<i>0.97</i>
Total	14.35	6.03	4.23	9.53	14.72	5.72	<i>4.23</i>	<i>9.33</i>	<i>14.55</i>	<i>6.13</i>	<i>4.21</i>	<i>9.25</i>	8.51	<i>8.47</i>	<i>8.51</i>
Industrial Sector															
New England	0.38	0.26	0.22	0.32	0.45	0.28	<i>0.22</i>	<i>0.31</i>	<i>0.45</i>	<i>0.30</i>	<i>0.23</i>	<i>0.32</i>	0.29	<i>0.32</i>	<i>0.32</i>
Middle Atlantic	0.98	0.72	0.66	0.86	1.02	0.75	<i>0.69</i>	<i>0.86</i>	<i>1.01</i>	<i>0.75</i>	<i>0.69</i>	<i>0.86</i>	0.80	<i>0.83</i>	<i>0.83</i>
E. N. Central	3.28	2.17	2.07	2.85	3.49	2.61	<i>2.37</i>	<i>2.95</i>	<i>3.64</i>	<i>2.64</i>	<i>2.45</i>	<i>3.07</i>	2.59	<i>2.85</i>	<i>2.95</i>
W. N. Central	1.71	1.34	1.38	1.66	1.86	1.52	<i>1.52</i>	<i>1.71</i>	<i>1.90</i>	<i>1.56</i>	<i>1.56</i>	<i>1.79</i>	1.52	<i>1.65</i>	<i>1.70</i>
S. Atlantic	1.37	1.26	1.26	1.38	1.54	1.34	<i>1.32</i>	<i>1.35</i>	<i>1.49</i>	<i>1.37</i>	<i>1.30</i>	<i>1.34</i>	1.32	<i>1.39</i>	<i>1.37</i>
E. S. Central	1.14	1.02	1.07	1.23	1.35	1.15	<i>1.09</i>	<i>1.25</i>	<i>1.36</i>	<i>1.15</i>	<i>1.13</i>	<i>1.29</i>	1.11	<i>1.21</i>	<i>1.23</i>
W. S. Central	5.96	5.81	5.94	6.29	6.79	6.49	<i>6.27</i>	<i>6.35</i>	<i>6.56</i>	<i>6.36</i>	<i>6.40</i>	<i>6.52</i>	6.00	<i>6.48</i>	<i>6.46</i>
Mountain	0.85	0.68	0.63	0.81	0.88	0.68	<i>0.66</i>	<i>0.82</i>	<i>0.89</i>	<i>0.70</i>	<i>0.66</i>	<i>0.83</i>	0.75	<i>0.76</i>	<i>0.77</i>
Pacific	2.45	2.25	2.48	2.47	2.40	2.34	<i>2.41</i>	<i>2.46</i>	<i>2.49</i>	<i>2.34</i>	<i>2.46</i>	<i>2.53</i>	2.41	<i>2.40</i>	<i>2.46</i>
Total	18.13	15.51	15.72	17.87	19.78	17.17	<i>16.54</i>	<i>18.06</i>	<i>19.78</i>	<i>17.18</i>	<i>16.88</i>	<i>18.56</i>	16.80	<i>17.88</i>	<i>18.09</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 2010

	2009				2010				2011				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2009	2010	2011
Wholesale/Spot															
U.S. Average Wellhead	4.36	3.44	3.17	3.89	4.79	4.07	<i>4.04</i>	<i>4.09</i>	<i>4.55</i>	<i>4.43</i>	<i>4.40</i>	<i>4.67</i>	3.72	<i>4.25</i>	<i>4.51</i>
Henry Hub Spot Price	4.71	3.82	3.26	4.47	5.30	4.45	<i>4.41</i>	<i>4.56</i>	<i>5.00</i>	<i>4.74</i>	<i>4.72</i>	<i>5.16</i>	4.06	<i>4.68</i>	<i>4.90</i>
Residential															
New England	17.27	17.28	17.61	15.00	14.84	16.49	<i>19.06</i>	<i>16.30</i>	<i>16.00</i>	<i>17.02</i>	<i>19.33</i>	<i>16.87</i>	16.77	<i>15.79</i>	<i>16.64</i>
Middle Atlantic	15.08	15.18	18.03	13.71	12.79	15.17	<i>18.63</i>	<i>14.64</i>	<i>13.79</i>	<i>14.91</i>	<i>18.84</i>	<i>15.18</i>	14.92	<i>14.07</i>	<i>14.71</i>
E. N. Central	10.96	10.88	14.53	9.44	9.54	12.24	<i>15.20</i>	<i>10.43</i>	<i>10.09</i>	<i>11.80</i>	<i>15.22</i>	<i>10.97</i>	10.73	<i>10.50</i>	<i>10.91</i>
W. N. Central	10.21	10.86	14.95	9.35	9.08	11.87	<i>15.82</i>	<i>10.16</i>	<i>9.65</i>	<i>11.62</i>	<i>16.06</i>	<i>10.63</i>	10.33	<i>10.12</i>	<i>10.59</i>
S. Atlantic	14.49	17.95	22.77	13.42	12.62	18.73	<i>24.05</i>	<i>15.16</i>	<i>14.04</i>	<i>18.52</i>	<i>25.43</i>	<i>16.14</i>	15.09	<i>14.68</i>	<i>15.99</i>
E. S. Central	13.43	14.78	17.30	11.15	10.51	14.81	<i>19.02</i>	<i>13.16</i>	<i>12.18</i>	<i>15.06</i>	<i>20.03</i>	<i>14.07</i>	13.17	<i>12.07</i>	<i>13.53</i>
W. S. Central	11.35	13.16	16.72	10.13	9.72	13.93	<i>18.22</i>	<i>11.70</i>	<i>10.28</i>	<i>14.46</i>	<i>19.43</i>	<i>12.67</i>	11.69	<i>11.30</i>	<i>12.24</i>
Mountain	10.55	10.48	13.44	9.32	9.24	9.83	<i>12.99</i>	<i>9.29</i>	<i>9.37</i>	<i>10.22</i>	<i>13.36</i>	<i>9.88</i>	10.35	<i>9.64</i>	<i>9.96</i>
Pacific	10.62	10.09	10.51	10.17	10.43	10.47	<i>10.80</i>	<i>9.74</i>	<i>10.34</i>	<i>10.49</i>	<i>11.12</i>	<i>10.49</i>	10.37	<i>10.29</i>	<i>10.50</i>
U.S. Average	12.17	12.26	14.76	10.80	10.61	12.58	<i>15.44</i>	<i>11.69</i>	<i>11.30</i>	<i>12.66</i>	<i>15.85</i>	<i>12.33</i>	11.97	<i>11.55</i>	<i>12.14</i>
Commercial															
New England	14.23	12.75	11.46	11.06	12.04	12.34	<i>12.21</i>	<i>12.37</i>	<i>12.91</i>	<i>12.30</i>	<i>12.86</i>	<i>13.08</i>	12.96	<i>12.19</i>	<i>12.84</i>
Middle Atlantic	12.19	10.14	9.50	10.22	10.75	9.61	<i>9.79</i>	<i>11.08</i>	<i>11.48</i>	<i>10.40</i>	<i>10.00</i>	<i>11.49</i>	11.10	<i>10.56</i>	<i>11.12</i>
E. N. Central	10.21	8.56	8.86	7.97	8.64	9.14	<i>9.64</i>	<i>8.71</i>	<i>8.93</i>	<i>9.42</i>	<i>9.94</i>	<i>9.36</i>	9.26	<i>8.82</i>	<i>9.21</i>
W. N. Central	9.44	8.05	8.23	7.68	8.36	8.39	<i>9.07</i>	<i>8.17</i>	<i>8.55</i>	<i>8.53</i>	<i>9.45</i>	<i>8.80</i>	8.62	<i>8.37</i>	<i>8.69</i>
S. Atlantic	12.22	11.31	11.11	10.63	10.49	10.74	<i>11.49</i>	<i>11.64</i>	<i>11.65</i>	<i>11.22</i>	<i>11.96</i>	<i>12.30</i>	11.49	<i>11.08</i>	<i>11.82</i>
E. S. Central	12.33	11.02	10.41	9.50	9.38	10.09	<i>11.15</i>	<i>11.19</i>	<i>10.90</i>	<i>10.87</i>	<i>11.78</i>	<i>11.98</i>	11.12	<i>10.15</i>	<i>11.28</i>
W. S. Central	9.61	8.68	8.95	8.10	8.47	9.06	<i>9.10</i>	<i>8.88</i>	<i>8.47</i>	<i>8.74</i>	<i>9.32</i>	<i>9.69</i>	8.93	<i>8.76</i>	<i>8.95</i>
Mountain	9.29	8.76	9.45	8.27	8.35	8.14	<i>8.96</i>	<i>8.55</i>	<i>8.57</i>	<i>8.27</i>	<i>9.13</i>	<i>9.07</i>	8.89	<i>8.43</i>	<i>8.72</i>
Pacific	10.05	8.95	8.94	9.26	9.48	8.97	<i>8.78</i>	<i>8.69</i>	<i>9.45</i>	<i>8.47</i>	<i>8.83</i>	<i>9.20</i>	9.44	<i>9.02</i>	<i>9.07</i>
U.S. Average	10.75	9.37	9.40	8.90	9.31	9.27	<i>9.81</i>	<i>9.64</i>	<i>9.87</i>	<i>9.55</i>	<i>10.07</i>	<i>10.26</i>	9.86	<i>9.47</i>	<i>9.95</i>
Industrial															
New England	13.70	11.71	9.64	10.92	12.25	10.73	<i>9.98</i>	<i>10.95</i>	<i>12.42</i>	<i>11.70</i>	<i>10.82</i>	<i>12.02</i>	12.05	<i>11.18</i>	<i>11.93</i>
Middle Atlantic	11.41	8.83	7.88	8.87	10.07	9.01	<i>8.50</i>	<i>9.67</i>	<i>10.38</i>	<i>8.98</i>	<i>8.75</i>	<i>10.61</i>	9.79	<i>9.50</i>	<i>9.95</i>
E. N. Central	9.60	6.93	6.32	6.94	7.98	7.03	<i>7.28</i>	<i>7.29</i>	<i>8.00</i>	<i>7.64</i>	<i>7.55</i>	<i>7.96</i>	8.01	<i>7.53</i>	<i>7.87</i>
W. N. Central	7.80	5.04	4.49	5.91	6.78	5.67	<i>5.61</i>	<i>5.94</i>	<i>6.99</i>	<i>5.60</i>	<i>5.68</i>	<i>6.53</i>	6.00	<i>6.05</i>	<i>6.29</i>
S. Atlantic	8.67	6.30	5.91	6.65	7.63	6.17	<i>7.33</i>	<i>7.83</i>	<i>8.24</i>	<i>7.20</i>	<i>7.60</i>	<i>8.52</i>	7.00	<i>7.32</i>	<i>7.93</i>
E. S. Central	7.99	5.56	5.03	5.93	7.19	5.70	<i>6.54</i>	<i>6.91</i>	<i>7.71</i>	<i>6.57</i>	<i>6.89</i>	<i>7.71</i>	6.23	<i>6.64</i>	<i>7.27</i>
W. S. Central	4.70	3.76	3.59	4.55	5.60	4.36	<i>4.91</i>	<i>4.60</i>	<i>5.07</i>	<i>5.08</i>	<i>5.13</i>	<i>5.29</i>	4.15	<i>4.86</i>	<i>5.14</i>
Mountain	8.31	7.01	6.69	7.40	7.34	6.39	<i>6.86</i>	<i>7.76</i>	<i>8.27</i>	<i>7.52</i>	<i>7.68</i>	<i>8.55</i>	7.45	<i>7.13</i>	<i>8.06</i>
Pacific	8.26	7.07	7.18	7.44	7.78	7.01	<i>6.62</i>	<i>7.29</i>	<i>7.88</i>	<i>6.78</i>	<i>6.56</i>	<i>7.80</i>	7.56	<i>7.19</i>	<i>7.32</i>
U.S. Average	6.53	4.63	4.25	5.42	6.58	5.02	<i>5.48</i>	<i>5.63</i>	<i>6.46</i>	<i>5.75</i>	<i>5.71</i>	<i>6.35</i>	5.28	<i>5.70</i>	<i>6.08</i>

- = no data available

Prices are not adjusted for inflation.

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 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 6. U.S. Coal Supply, Consumption, and Inventories
 Energy Information Administration/Short-Term Energy Outlook - September 2010

	2009				2010				2011				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2009	2010	2011
Supply (million short tons)															
Production	281.4	262.6	268.6	260.0	265.3	263.9	<i>266.6</i>	<i>274.0</i>	<i>268.9</i>	<i>264.7</i>	<i>280.8</i>	<i>275.2</i>	1072.8	<i>1069.8</i>	<i>1089.5</i>
Appalachia	94.8	84.1	80.7	81.0	84.4	87.1	<i>82.3</i>	<i>84.6</i>	<i>85.8</i>	<i>84.5</i>	<i>89.6</i>	<i>87.8</i>	340.6	<i>338.4</i>	<i>347.7</i>
Interior	37.1	37.5	36.9	36.1	37.7	37.4	<i>36.5</i>	<i>38.2</i>	<i>37.1</i>	<i>36.5</i>	<i>38.8</i>	<i>38.0</i>	147.6	<i>149.8</i>	<i>150.4</i>
Western	149.6	141.0	151.1	142.9	143.3	139.4	<i>147.7</i>	<i>151.3</i>	<i>145.9</i>	<i>143.7</i>	<i>152.4</i>	<i>149.4</i>	584.5	<i>581.7</i>	<i>591.4</i>
Primary Inventory Withdrawals	-6.6	-2.8	2.3	0.4	-2.4	1.5	<i>6.2</i>	<i>0.3</i>	<i>4.8</i>	<i>-1.7</i>	<i>1.0</i>	<i>1.2</i>	-6.6	<i>5.6</i>	<i>5.2</i>
Imports	6.3	5.4	5.4	5.4	4.8	5.4	<i>4.4</i>	<i>4.7</i>	<i>5.1</i>	<i>7.4</i>	<i>7.2</i>	<i>6.3</i>	22.6	<i>19.3</i>	<i>25.9</i>
Exports	13.3	13.0	15.2	17.7	17.8	20.1	<i>17.7</i>	<i>18.4</i>	<i>14.1</i>	<i>19.2</i>	<i>21.0</i>	<i>19.6</i>	59.1	<i>74.0</i>	<i>74.0</i>
Metallurgical Coal	8.5	6.5	10.4	11.9	14.2	15.4	<i>13.3</i>	<i>13.2</i>	<i>9.8</i>	<i>13.3</i>	<i>15.6</i>	<i>13.9</i>	37.3	<i>56.1</i>	<i>52.6</i>
Steam Coal	4.9	6.4	4.8	5.8	3.6	4.7	<i>4.4</i>	<i>5.2</i>	<i>4.3</i>	<i>5.9</i>	<i>5.4</i>	<i>5.7</i>	21.8	<i>17.9</i>	<i>21.3</i>
Total Primary Supply	267.9	252.4	261.2	248.3	249.9	250.7	<i>259.6</i>	<i>260.6</i>	<i>264.6</i>	<i>251.1</i>	<i>268.0</i>	<i>263.0</i>	1029.7	<i>1020.7</i>	<i>1046.7</i>
Secondary Inventory Withdrawals	-11.8	-21.0	-1.2	6.8	15.9	-3.1	<i>18.7</i>	<i>-3.7</i>	<i>-1.4</i>	<i>-10.0</i>	<i>13.1</i>	<i>-5.1</i>	-27.1	<i>27.7</i>	<i>-3.3</i>
Waste Coal (a)	3.1	2.8	3.2	3.3	3.1	3.2	<i>3.2</i>	<i>3.2</i>	<i>3.2</i>	<i>3.2</i>	<i>3.2</i>	<i>3.2</i>	12.4	<i>12.6</i>	<i>12.7</i>
Total Supply	259.2	234.1	263.3	258.4	268.9	250.7	<i>281.4</i>	<i>260.1</i>	<i>266.4</i>	<i>244.3</i>	<i>284.3</i>	<i>261.1</i>	1015.0	<i>1061.1</i>	<i>1056.2</i>
Consumption (million short tons)															
Coke Plants	4.4	3.4	3.4	4.1	4.9	4.6	<i>5.6</i>	<i>5.4</i>	<i>6.0</i>	<i>5.1</i>	<i>6.0</i>	<i>5.6</i>	15.3	<i>20.4</i>	<i>22.7</i>
Electric Power Sector (b)	237.6	216.9	245.2	236.9	246.9	230.5	<i>273.8</i>	<i>243.0</i>	<i>247.8</i>	<i>227.9</i>	<i>266.6</i>	<i>243.6</i>	936.5	<i>994.2</i>	<i>985.8</i>
Retail and Other Industry	13.2	11.2	11.7	12.5	13.4	11.0	<i>11.4</i>	<i>11.7</i>	<i>12.7</i>	<i>11.3</i>	<i>11.7</i>	<i>11.9</i>	48.6	<i>47.5</i>	<i>47.6</i>
Residential and Commercial	1.1	0.7	0.6	0.9	1.0	0.7	<i>0.6</i>	<i>0.8</i>	<i>1.1</i>	<i>0.7</i>	<i>0.6</i>	<i>0.8</i>	3.2	<i>3.1</i>	<i>3.2</i>
Other Industrial	12.1	10.6	11.1	11.6	12.3	10.3	<i>10.8</i>	<i>10.9</i>	<i>11.6</i>	<i>10.6</i>	<i>11.1</i>	<i>11.1</i>	45.4	<i>44.3</i>	<i>44.4</i>
Total Consumption	255.1	231.5	260.4	253.4	265.1	246.6	<i>290.8</i>	<i>260.1</i>	<i>266.4</i>	<i>244.3</i>	<i>284.3</i>	<i>261.1</i>	1000.4	<i>1062.6</i>	<i>1056.2</i>
Discrepancy (c)	4.1	2.7	2.9	5.0	3.8	4.1	<i>-9.4</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	14.6	<i>-1.5</i>	<i>0.0</i>
End-of-period Inventories (million short tons)															
Primary Inventories (d)	41.3	44.0	41.7	41.3	43.7	42.2	<i>36.0</i>	<i>35.7</i>	<i>30.9</i>	<i>32.6</i>	<i>31.6</i>	<i>30.5</i>	41.3	<i>35.7</i>	<i>30.5</i>
Secondary Inventories	182.2	203.2	204.4	197.6	181.6	184.8	<i>166.1</i>	<i>169.8</i>	<i>171.2</i>	<i>181.2</i>	<i>168.1</i>	<i>173.1</i>	197.6	<i>169.8</i>	<i>173.1</i>
Electric Power Sector	174.3	195.9	197.2	190.0	175.4	178.3	<i>159.1</i>	<i>162.5</i>	<i>164.7</i>	<i>174.3</i>	<i>160.6</i>	<i>165.3</i>	190.0	<i>162.5</i>	<i>165.3</i>
Retail and General Industry	5.3	5.1	5.1	5.1	4.2	4.4	<i>4.9</i>	<i>5.2</i>	<i>4.4</i>	<i>4.6</i>	<i>5.2</i>	<i>5.4</i>	5.1	<i>5.2</i>	<i>5.4</i>
Coke Plants	2.1	1.8	1.6	2.0	1.6	1.6	<i>1.6</i>	<i>1.6</i>	<i>1.7</i>	<i>1.8</i>	<i>1.8</i>	<i>1.9</i>	2.0	<i>1.6</i>	<i>1.9</i>
Coal Market Indicators															
Coal Miner Productivity															
(Tons per hour)	5.73	5.63	5.60	5.60	5.75	5.84	<i>5.84</i>	<i>5.84</i>	<i>5.84</i>	<i>5.84</i>	<i>5.84</i>	<i>5.84</i>	5.64	<i>5.82</i>	<i>5.84</i>
Total Raw Steel Production															
(Million short tons per day)	0.146	0.153	0.186	0.214	0.234	0.253	<i>0.251</i>	<i>0.259</i>	<i>0.260</i>	<i>0.272</i>	<i>0.276</i>	<i>0.267</i>	0.175	<i>0.249</i>	<i>0.269</i>
Cost of Coal to Electric Utilities															
(Dollars per million Btu)	2.26	2.23	2.20	2.15	2.27	2.27	<i>2.24</i>	<i>2.21</i>	<i>2.22</i>	<i>2.21</i>	<i>2.18</i>	<i>2.15</i>	2.21	<i>2.25</i>	<i>2.19</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 2010

	2009				2010				2011				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2009	2010	2011
Electricity Supply (billion kilowatthours per day)															
Electricity Generation	10.75	10.45	11.74	10.38	11.02	10.90	<i>12.69</i>	<i>10.62</i>	<i>11.00</i>	<i>10.92</i>	<i>12.57</i>	<i>10.75</i>	10.83	<i>11.31</i>	<i>11.31</i>
Electric Power Sector (a)	10.38	10.08	11.35	9.99	10.60	10.50	<i>12.26</i>	<i>10.23</i>	<i>10.60</i>	<i>10.55</i>	<i>12.17</i>	<i>10.37</i>	10.45	<i>10.90</i>	<i>10.92</i>
Industrial Sector	0.35	0.34	0.37	0.37	0.39	0.38	<i>0.40</i>	<i>0.37</i>	<i>0.38</i>	<i>0.35</i>	<i>0.38</i>	<i>0.36</i>	0.36	<i>0.38</i>	<i>0.37</i>
Commercial Sector	0.02	0.02	0.02	0.02	0.02	0.02	<i>0.02</i>	<i>0.02</i>	<i>0.02</i>	<i>0.02</i>	<i>0.02</i>	<i>0.02</i>	0.02	<i>0.02</i>	<i>0.02</i>
Net Imports	0.06	0.08	0.13	0.10	0.12	0.07	<i>0.12</i>	<i>0.08</i>	<i>0.07</i>	<i>0.08</i>	<i>0.12</i>	<i>0.08</i>	0.09	<i>0.10</i>	<i>0.09</i>
Total Supply	10.82	10.53	11.87	10.48	11.13	10.97	<i>12.80</i>	<i>10.69</i>	<i>11.07</i>	<i>11.00</i>	<i>12.69</i>	<i>10.82</i>	10.92	<i>11.40</i>	<i>11.40</i>
Losses and Unaccounted for (b) ...	0.51	0.85	0.66	0.68	0.42	0.87	<i>0.70</i>	<i>0.69</i>	<i>0.53</i>	<i>0.85</i>	<i>0.75</i>	<i>0.69</i>	0.67	<i>0.67</i>	<i>0.71</i>
Electricity Consumption (billion kilowatthours per day)															
Retail Sales	9.86	9.24	10.74	9.34	10.22	9.62	<i>11.59</i>	<i>9.54</i>	<i>10.06</i>	<i>9.71</i>	<i>11.46</i>	<i>9.67</i>	9.80	<i>10.25</i>	<i>10.23</i>
Residential Sector	3.98	3.29	4.25	3.42	4.26	3.41	<i>4.74</i>	<i>3.49</i>	<i>4.02</i>	<i>3.45</i>	<i>4.63</i>	<i>3.56</i>	3.73	<i>3.97</i>	<i>3.92</i>
Commercial Sector	3.51	3.56	3.96	3.47	3.50	3.62	<i>4.14</i>	<i>3.50</i>	<i>3.52</i>	<i>3.65</i>	<i>4.14</i>	<i>3.58</i>	3.62	<i>3.69</i>	<i>3.73</i>
Industrial Sector	2.35	2.37	2.51	2.43	2.44	2.58	<i>2.68</i>	<i>2.53</i>	<i>2.50</i>	<i>2.59</i>	<i>2.66</i>	<i>2.51</i>	2.42	<i>2.56</i>	<i>2.57</i>
Transportation Sector	0.02	0.02	0.02	0.02	0.02	0.02	<i>0.02</i>	<i>0.02</i>	<i>0.02</i>	<i>0.02</i>	<i>0.02</i>	<i>0.02</i>	0.02	<i>0.02</i>	<i>0.02</i>
Direct Use (c)	0.45	0.44	0.47	0.46	0.49	0.48	<i>0.51</i>	<i>0.47</i>	<i>0.47</i>	<i>0.45</i>	<i>0.48</i>	<i>0.46</i>	0.45	<i>0.49</i>	<i>0.46</i>
Total Consumption	10.31	9.67	11.21	9.80	10.72	10.10	<i>12.10</i>	<i>10.01</i>	<i>10.53</i>	<i>10.15</i>	<i>11.95</i>	<i>10.13</i>	10.25	<i>10.73</i>	<i>10.69</i>
Prices															
Power Generation Fuel Costs (dollars per million Btu)															
Coal	2.26	2.23	2.20	2.15	2.27	2.27	<i>2.24</i>	<i>2.21</i>	<i>2.22</i>	<i>2.21</i>	<i>2.18</i>	<i>2.15</i>	2.21	<i>2.25</i>	<i>2.19</i>
Natural Gas	5.45	4.43	4.07	5.18	6.06	4.89	<i>5.16</i>	<i>5.14</i>	<i>5.69</i>	<i>5.41</i>	<i>5.41</i>	<i>5.69</i>	4.69	<i>5.27</i>	<i>5.53</i>
Residual Fuel Oil	6.80	8.26	10.65	11.24	11.74	12.00	<i>11.29</i>	<i>11.44</i>	<i>11.94</i>	<i>12.35</i>	<i>12.47</i>	<i>12.60</i>	8.85	<i>11.52</i>	<i>12.32</i>
Distillate Fuel Oil	11.10	12.30	14.59	15.55	15.70	16.45	<i>16.17</i>	<i>16.52</i>	<i>17.06</i>	<i>17.38</i>	<i>17.72</i>	<i>18.06</i>	13.10	<i>16.17</i>	<i>17.52</i>
End-Use Prices (cents per kilowatthour)															
Residential Sector	11.15	11.74	11.96	11.29	10.86	11.88	<i>12.15</i>	<i>11.59</i>	<i>11.17</i>	<i>12.10</i>	<i>12.45</i>	<i>11.84</i>	11.55	<i>11.63</i>	<i>11.91</i>
Commercial Sector	10.09	10.20	10.58	9.92	9.83	10.22	<i>10.84</i>	<i>10.26</i>	<i>9.91</i>	<i>10.35</i>	<i>10.89</i>	<i>10.29</i>	10.21	<i>10.31</i>	<i>10.39</i>
Industrial Sector	6.85	6.91	7.07	6.55	6.53	6.76	<i>7.11</i>	<i>6.68</i>	<i>6.42</i>	<i>6.68</i>	<i>7.14</i>	<i>6.70</i>	6.84	<i>6.78</i>	<i>6.74</i>

- = no data available

Prices are not adjusted for inflation.

(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 2010

	2009				2010				2011				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2009	2010	2011
Residential Sector															
New England	143	108	132	120	142	115	151	126	146	118	145	128	126	133	134
Middle Atlantic	399	306	379	329	393	325	445	339	397	323	425	344	353	376	372
E. N. Central	571	434	515	480	578	455	636	491	569	455	595	497	500	540	529
W. N. Central	317	241	290	262	335	249	349	267	323	261	349	279	278	300	303
S. Atlantic	993	837	1,102	854	1,128	875	1,253	873	1,013	885	1,207	904	947	1,032	1,003
E. S. Central	355	276	370	282	408	293	431	293	360	291	413	301	321	356	341
W. S. Central	499	493	717	451	592	512	740	458	500	505	730	468	540	576	551
Mountain	240	230	323	230	243	226	316	229	245	237	334	233	256	254	262
Pacific contiguous	442	354	410	395	424	342	408	399	448	360	423	394	400	393	406
AK and HI	15	13	13	15	15	13	14	15	15	14	14	15	14	14	14
Total	3,976	3,293	4,250	3,418	4,258	3,405	4,743	3,490	4,016	3,448	4,635	3,563	3,734	3,974	3,916
Commercial Sector															
New England	128	118	131	119	124	121	141	120	128	124	139	123	124	126	129
Middle Atlantic	449	422	476	417	443	434	517	433	455	439	504	438	441	457	459
E. N. Central	555	536	567	520	543	541	598	515	543	548	602	536	544	549	557
W. N. Central	265	260	281	257	265	267	303	263	267	271	305	269	266	274	278
S. Atlantic	787	827	918	795	793	852	965	800	793	847	964	820	832	853	856
E. S. Central	216	224	253	209	222	230	272	215	217	230	269	220	226	235	234
W. S. Central	426	463	546	442	441	479	561	454	438	490	569	464	469	484	491
Mountain	236	249	281	241	234	251	279	232	226	244	276	237	252	249	246
Pacific contiguous	432	445	490	449	418	424	489	452	436	445	499	453	454	446	458
AK and HI	17	17	17	17	17	16	17	18	17	17	18	18	17	17	17
Total	3,510	3,559	3,960	3,467	3,500	3,615	4,141	3,502	3,520	3,655	4,145	3,579	3,625	3,691	3,726
Industrial Sector															
New England	77	75	79	76	76	78	79	76	75	77	80	76	77	77	77
Middle Atlantic	177	175	184	174	178	186	191	180	177	180	187	176	178	184	180
E. N. Central	443	434	456	459	468	486	508	488	480	486	492	472	448	488	483
W. N. Central	204	201	215	214	218	230	237	228	225	231	244	235	208	228	234
S. Atlantic	348	358	375	359	357	392	386	361	363	381	386	361	360	374	373
E. S. Central	309	298	311	329	335	333	342	349	345	342	342	349	312	340	344
W. S. Central	375	385	409	385	389	427	441	405	399	420	430	395	389	415	411
Mountain	196	207	226	203	197	210	244	216	215	235	250	222	208	217	230
Pacific contiguous	211	221	240	220	212	227	239	214	211	219	236	211	223	223	220
AK and HI	13	14	14	14	13	14	14	14	13	14	14	14	14	14	14
Total	2,353	2,367	2,510	2,432	2,443	2,584	2,682	2,529	2,502	2,585	2,663	2,511	2,416	2,560	2,566
Total All Sectors (a)															
New England	350	303	344	316	343	315	372	324	351	320	365	329	328	338	341
Middle Atlantic	1,039	913	1,050	931	1,026	957	1,165	963	1,041	953	1,127	970	983	1,028	1,023
E. N. Central	1,570	1,405	1,539	1,460	1,592	1,484	1,743	1,495	1,595	1,490	1,691	1,507	1,493	1,579	1,571
W. N. Central	786	702	786	733	818	747	890	757	815	763	898	782	752	803	815
S. Atlantic	2,132	2,026	2,398	2,012	2,282	2,123	2,607	2,038	2,172	2,116	2,561	2,089	2,142	2,263	2,235
E. S. Central	880	797	934	820	964	856	1,045	857	921	864	1,024	870	858	931	920
W. S. Central	1,301	1,342	1,672	1,278	1,423	1,418	1,742	1,317	1,337	1,416	1,730	1,328	1,399	1,475	1,453
Mountain	672	686	831	674	675	688	839	678	686	716	860	691	716	720	739
Pacific contiguous	1,087	1,021	1,142	1,067	1,057	995	1,138	1,067	1,097	1,027	1,160	1,060	1,079	1,065	1,086
AK and HI	45	44	45	46	45	43	45	46	46	44	46	46	45	45	46
Total	9,862	9,239	10,741	9,337	10,224	9,625	11,588	9,542	10,061	9,708	11,464	9,674	9,796	10,246	10,229

- = 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 2010

	2009				2010				2011				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2009	2010	2011
Residential Sector															
New England	17.89	18.06	17.26	16.81	16.53	16.64	17.02	17.12	17.24	17.53	17.39	17.39	17.50	16.83	17.38
Middle Atlantic	14.09	15.06	16.08	14.73	14.82	16.14	16.57	15.22	14.86	16.19	17.27	15.87	14.99	15.72	16.08
E. N. Central	10.39	11.32	11.28	10.71	10.39	11.77	11.66	11.12	10.60	11.73	11.77	11.22	10.90	11.23	11.32
W. N. Central	8.25	9.53	9.97	8.61	8.21	9.95	10.10	8.88	8.33	9.71	10.09	8.87	9.07	9.27	9.26
S. Atlantic	10.93	11.37	11.53	11.15	10.38	11.24	11.63	11.25	10.80	11.57	11.93	11.52	11.25	11.13	11.48
E. S. Central	9.51	9.83	9.65	9.16	8.72	9.80	9.84	9.79	9.17	9.99	9.95	9.85	9.54	9.50	9.73
W. S. Central	11.45	11.54	11.27	10.77	10.53	11.24	11.54	11.12	10.87	11.74	12.01	11.55	11.27	11.13	11.59
Mountain	9.35	10.29	10.88	9.98	9.72	10.84	11.19	10.35	9.71	10.77	11.14	10.29	10.19	10.57	10.54
Pacific	11.52	12.26	13.74	12.00	12.06	12.47	13.50	11.92	11.88	12.72	14.06	12.39	12.38	12.49	12.76
U.S. Average	11.15	11.74	11.96	11.29	10.86	11.88	12.15	11.59	11.17	12.10	12.45	11.84	11.55	11.63	11.91
Commercial Sector															
New England	16.72	16.14	15.97	15.61	15.21	14.68	15.71	15.33	15.51	15.52	15.90	15.47	16.11	15.26	15.61
Middle Atlantic	13.11	13.26	14.30	13.08	13.21	13.99	15.04	13.55	13.11	14.04	15.37	13.85	13.46	14.00	14.14
E. N. Central	8.93	9.01	9.14	8.78	8.88	9.16	9.50	9.27	8.96	9.29	9.46	9.22	8.97	9.21	9.24
W. N. Central	6.89	7.55	8.05	6.99	7.06	7.88	8.26	7.19	6.99	7.77	8.26	7.19	7.38	7.63	7.58
S. Atlantic	9.75	9.59	9.56	9.53	9.10	9.30	9.67	9.64	9.26	9.40	9.67	9.62	9.61	9.44	9.50
E. S. Central	9.50	9.26	9.21	8.84	8.80	9.27	9.55	9.60	9.17	9.45	9.51	9.54	9.21	9.32	9.42
W. S. Central	9.52	9.13	8.99	8.81	9.10	8.96	9.37	9.13	8.88	9.04	9.37	9.13	9.10	9.15	9.12
Mountain	7.97	8.62	9.07	8.48	8.25	9.10	9.29	8.88	8.44	9.09	9.31	8.88	8.56	8.90	8.95
Pacific	10.75	12.04	13.61	11.17	10.82	11.99	13.44	11.43	10.81	12.09	13.58	11.56	11.95	11.98	12.07
U.S. Average	10.09	10.20	10.58	9.92	9.83	10.22	10.84	10.26	9.91	10.35	10.89	10.29	10.21	10.31	10.39
Industrial Sector															
New England	12.25	12.10	12.18	12.05	12.38	12.82	12.80	12.76	12.49	12.34	12.65	12.61	12.15	12.69	12.52
Middle Atlantic	8.19	8.48	8.30	7.91	8.48	8.44	8.59	8.08	8.01	8.26	8.63	8.12	8.22	8.40	8.26
E. N. Central	6.66	6.79	6.77	6.34	6.22	6.45	6.31	6.01	6.21	6.42	6.67	6.35	6.64	6.25	6.42
W. N. Central	5.50	5.78	6.22	5.35	5.43	5.73	6.22	5.42	5.32	5.72	6.22	5.42	5.72	5.71	5.68
S. Atlantic	6.64	6.69	6.73	6.51	6.36	6.48	6.96	6.62	6.11	6.26	6.81	6.49	6.64	6.61	6.42
E. S. Central	5.97	6.01	5.97	5.45	5.29	5.83	6.27	5.83	5.30	5.73	6.13	5.69	5.84	5.81	5.72
W. S. Central	7.07	6.41	6.08	5.96	6.22	6.14	6.47	6.33	6.10	6.18	6.42	6.27	6.37	6.29	6.25
Mountain	5.60	6.01	6.81	5.76	5.68	6.16	6.63	5.91	5.56	5.90	6.50	5.80	6.07	6.12	5.96
Pacific	7.23	7.93	9.00	7.82	7.41	7.79	8.84	8.07	7.57	8.10	9.06	8.26	8.03	8.05	8.27
U.S. Average	6.85	6.91	7.07	6.55	6.53	6.76	7.11	6.68	6.42	6.68	7.14	6.70	6.84	6.78	6.74
All Sectors (a)															
New England	16.17	15.79	15.55	15.17	15.10	14.90	15.59	15.39	15.55	15.46	15.75	15.52	15.68	15.26	15.58
Middle Atlantic	12.64	12.95	13.87	12.69	13.00	13.63	14.55	13.11	12.90	13.66	14.95	13.50	13.06	13.62	13.79
E. N. Central	8.82	9.04	9.15	8.64	8.64	9.07	9.35	8.81	8.72	9.10	9.46	8.98	8.91	8.98	9.07
W. N. Central	7.08	7.73	8.26	7.09	7.10	7.91	8.44	7.25	7.06	7.81	8.41	7.25	7.54	7.70	7.66
S. Atlantic	9.79	9.82	10.02	9.68	9.31	9.58	10.21	9.80	9.45	9.74	10.31	9.91	9.84	9.75	9.88
E. S. Central	8.27	8.24	8.30	7.59	7.55	8.11	8.59	8.13	7.72	8.16	8.56	8.10	8.11	8.11	8.15
W. S. Central	9.55	9.24	9.25	8.64	8.91	8.93	9.56	8.96	8.80	9.15	9.75	9.13	9.18	9.12	9.25
Mountain	7.77	8.39	9.16	8.17	8.03	8.77	9.23	8.43	7.99	8.60	9.20	8.37	8.42	8.65	8.58
Pacific	10.38	11.22	12.68	10.78	10.63	11.18	12.49	10.93	10.62	11.45	12.82	11.21	11.29	11.34	11.55
U.S. Average	9.75	9.91	10.31	9.54	9.47	9.88	10.52	9.80	9.55	9.99	10.65	9.93	9.89	9.94	10.06

- = no data available

Prices are not adjusted for inflation.

(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 2010

	2009				2010				2011				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2009	2010	2011
Electric Power Sector (a)															
Coal	4.960	4.437	4.972	4.805	5.196	4.772	<i>5.520</i>	<i>4.913</i>	<i>5.122</i>	<i>4.642</i>	<i>5.340</i>	<i>4.886</i>	4.793	<i>5.101</i>	<i>4.998</i>
Natural Gas	1.968	2.157	3.052	2.029	2.014	2.304	<i>3.318</i>	<i>2.191</i>	<i>1.973</i>	<i>2.279</i>	<i>3.295</i>	<i>2.151</i>	2.304	<i>2.460</i>	<i>2.427</i>
Other Gases	0.008	0.008	0.010	0.009	0.009	0.009	<i>0.009</i>	<i>0.009</i>	<i>0.010</i>	<i>0.009</i>	<i>0.010</i>	<i>0.010</i>	0.009	<i>0.009</i>	<i>0.010</i>
Petroleum	0.130	0.093	0.099	0.071	0.095	0.094	<i>0.159</i>	<i>0.103</i>	<i>0.123</i>	<i>0.105</i>	<i>0.124</i>	<i>0.100</i>	0.098	<i>0.113</i>	<i>0.113</i>
Residual Fuel Oil	0.067	0.040	0.048	0.030	0.034	0.038	<i>0.090</i>	<i>0.045</i>	<i>0.056</i>	<i>0.044</i>	<i>0.057</i>	<i>0.039</i>	0.046	<i>0.052</i>	<i>0.049</i>
Distillate Fuel Oil	0.023	0.015	0.015	0.015	0.023	0.018	<i>0.022</i>	<i>0.016</i>	<i>0.020</i>	<i>0.014</i>	<i>0.014</i>	<i>0.014</i>	0.017	<i>0.019</i>	<i>0.016</i>
Petroleum Coke	0.035	0.034	0.034	0.023	0.035	0.035	<i>0.044</i>	<i>0.040</i>	<i>0.042</i>	<i>0.043</i>	<i>0.049</i>	<i>0.043</i>	0.031	<i>0.039</i>	<i>0.044</i>
Other Petroleum	0.006	0.003	0.003	0.003	0.003	0.003	<i>0.003</i>	<i>0.003</i>	<i>0.005</i>	<i>0.003</i>	<i>0.004</i>	<i>0.003</i>	0.004	<i>0.003</i>	<i>0.004</i>
Nuclear	2.284	2.138	2.292	2.041	2.249	2.116	<i>2.294</i>	<i>2.159</i>	<i>2.258</i>	<i>2.185</i>	<i>2.324</i>	<i>2.155</i>	2.188	<i>2.204</i>	<i>2.230</i>
Pumped Storage Hydroelectric	-0.012	-0.009	-0.015	-0.012	-0.008	-0.007	<i>-0.017</i>	<i>-0.016</i>	<i>-0.015</i>	<i>-0.015</i>	<i>-0.017</i>	<i>-0.016</i>	-0.012	<i>-0.012</i>	<i>-0.016</i>
Other Fuels (b)	0.019	0.020	0.020	0.019	0.018	0.021	<i>0.022</i>	<i>0.019</i>	<i>0.018</i>	<i>0.019</i>	<i>0.021</i>	<i>0.019</i>	0.019	<i>0.020</i>	<i>0.019</i>
Renewables:															
Conventional Hydroelectric	0.699	0.916	0.642	0.705	0.695	0.793	<i>0.626</i>	<i>0.494</i>	<i>0.707</i>	<i>0.847</i>	<i>0.655</i>	<i>0.609</i>	0.740	<i>0.651</i>	<i>0.704</i>
Geothermal	0.043	0.041	0.041	0.043	0.042	0.042	<i>0.043</i>	<i>0.044</i>	<i>0.045</i>	<i>0.044</i>	<i>0.045</i>	<i>0.045</i>	0.042	<i>0.043</i>	<i>0.045</i>
Solar	0.001	0.003	0.003	0.001	0.001	0.004	<i>0.006</i>	<i>0.002</i>	<i>0.003</i>	<i>0.007</i>	<i>0.009</i>	<i>0.004</i>	0.002	<i>0.003</i>	<i>0.006</i>
Wind	0.207	0.207	0.156	0.207	0.218	0.283	<i>0.201</i>	<i>0.233</i>	<i>0.282</i>	<i>0.349</i>	<i>0.284</i>	<i>0.327</i>	0.194	<i>0.234</i>	<i>0.311</i>
Wood and Wood Waste	0.030	0.027	0.031	0.029	0.031	0.029	<i>0.033</i>	<i>0.031</i>	<i>0.032</i>	<i>0.029</i>	<i>0.034</i>	<i>0.032</i>	0.029	<i>0.031</i>	<i>0.032</i>
Other Renewables	0.042	0.044	0.044	0.042	0.041	0.043	<i>0.045</i>	<i>0.043</i>	<i>0.044</i>	<i>0.046</i>	<i>0.048</i>	<i>0.046</i>	0.043	<i>0.043</i>	<i>0.046</i>
Subtotal Electric Power Sector	10.379	10.080	11.346	9.990	10.603	10.502	<i>12.259</i>	<i>10.227</i>	<i>10.604</i>	<i>10.547</i>	<i>12.171</i>	<i>10.366</i>	10.450	<i>10.900</i>	<i>10.925</i>
Commercial Sector (c)															
Coal	0.003	0.002	0.003	0.003	0.003	0.003	<i>0.003</i>	<i>0.003</i>	<i>0.003</i>	<i>0.003</i>	<i>0.003</i>	<i>0.003</i>	0.003	<i>0.003</i>	<i>0.003</i>
Natural Gas	0.011	0.011	0.011	0.011	0.011	0.011	<i>0.013</i>	<i>0.011</i>	<i>0.012</i>	<i>0.011</i>	<i>0.012</i>	<i>0.011</i>	0.011	<i>0.012</i>	<i>0.012</i>
Petroleum	0.001	0.000	0.000	0.000	0.000	0.000	<i>0.000</i>	<i>0.000</i>	<i>0.001</i>	<i>0.000</i>	<i>0.000</i>	<i>0.000</i>	0.000	<i>0.000</i>	<i>0.000</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	0.004	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>0.005</i>	0.004	<i>0.004</i>	<i>0.005</i>
Subtotal Commercial Sector	0.021	0.021	0.021	0.020	0.020	0.022	<i>0.024</i>	<i>0.021</i>	<i>0.022</i>	<i>0.021</i>	<i>0.024</i>	<i>0.022</i>	0.021	<i>0.022</i>	<i>0.022</i>
Industrial Sector (c)															
Coal	0.039	0.037	0.039	0.036	0.051	0.045	<i>0.045</i>	<i>0.040</i>	<i>0.040</i>	<i>0.037</i>	<i>0.041</i>	<i>0.039</i>	0.038	<i>0.045</i>	<i>0.039</i>
Natural Gas	0.203	0.197	0.216	0.211	0.221	0.215	<i>0.228</i>	<i>0.208</i>	<i>0.219</i>	<i>0.203</i>	<i>0.217</i>	<i>0.202</i>	0.207	<i>0.218</i>	<i>0.210</i>
Other Gases	0.019	0.018	0.023	0.022	0.022	0.023	<i>0.025</i>	<i>0.022</i>	<i>0.021</i>	<i>0.021</i>	<i>0.024</i>	<i>0.022</i>	0.021	<i>0.023</i>	<i>0.022</i>
Petroleum	0.010	0.008	0.008	0.006	0.007	0.006	<i>0.008</i>	<i>0.007</i>	<i>0.008</i>	<i>0.007</i>	<i>0.008</i>	<i>0.007</i>	0.008	<i>0.007</i>	<i>0.008</i>
Other Fuels (b)	0.007	0.009	0.009	0.009	0.009	0.009	<i>0.010</i>	<i>0.009</i>	<i>0.008</i>	<i>0.009</i>	<i>0.010</i>	<i>0.009</i>	0.009	<i>0.009</i>	<i>0.009</i>
Renewables:															
Conventional Hydroelectric	0.005	0.006	0.004	0.005	0.006	0.005	<i>0.004</i>	<i>0.005</i>	<i>0.005</i>	<i>0.005</i>	<i>0.004</i>	<i>0.005</i>	0.005	<i>0.005</i>	<i>0.005</i>
Wood and Wood Waste	0.068	0.066	0.073	0.074	0.075	0.071	<i>0.079</i>	<i>0.074</i>	<i>0.072</i>	<i>0.066</i>	<i>0.074</i>	<i>0.072</i>	0.070	<i>0.075</i>	<i>0.071</i>
Other Renewables (e)	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>
Subtotal Industrial Sector	0.353	0.344	0.375	0.365	0.392	0.378	<i>0.403</i>	<i>0.368</i>	<i>0.375</i>	<i>0.352</i>	<i>0.379</i>	<i>0.359</i>	0.359	<i>0.385</i>	<i>0.366</i>
Total All Sectors	10.753	10.445	11.743	10.375	11.015	10.901	<i>12.686</i>	<i>10.616</i>	<i>11.000</i>	<i>10.920</i>	<i>12.573</i>	<i>10.747</i>	10.830	<i>11.307</i>	<i>11.313</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 2010

	2009				2010				2011				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2009	2010	2011
Electric Power Sector (a)															
Coal (mmst/d)	2.63	2.37	2.66	2.57	2.73	2.52	<i>2.97</i>	<i>2.63</i>	<i>2.74</i>	<i>2.49</i>	<i>2.89</i>	<i>2.64</i>	2.56	<i>2.71</i>	<i>2.69</i>
Natural Gas (bcf/d)	15.05	16.99	24.19	15.61	15.47	18.31	<i>26.36</i>	<i>16.73</i>	<i>14.91</i>	<i>17.78</i>	<i>25.86</i>	<i>16.32</i>	17.98	<i>19.24</i>	<i>18.74</i>
Petroleum (mmb/d) (b)	0.23	0.17	0.18	0.13	0.17	0.17	<i>0.29</i>	<i>0.19</i>	<i>0.22</i>	<i>0.19</i>	<i>0.23</i>	<i>0.18</i>	0.18	<i>0.20</i>	<i>0.21</i>
Residual Fuel Oil (mmb/d)	0.11	0.07	0.08	0.05	0.06	0.06	<i>0.15</i>	<i>0.07</i>	<i>0.09</i>	<i>0.07</i>	<i>0.09</i>	<i>0.06</i>	0.08	<i>0.09</i>	<i>0.08</i>
Distillate Fuel Oil (mmb/d)	0.04	0.03	0.03	0.03	0.04	0.03	<i>0.04</i>	<i>0.03</i>	<i>0.04</i>	<i>0.03</i>	<i>0.03</i>	<i>0.03</i>	0.03	<i>0.04</i>	<i>0.03</i>
Petroleum Coke (mmst/d)	0.07	0.07	0.07	0.04	0.07	0.07	<i>0.09</i>	<i>0.08</i>	<i>0.08</i>	<i>0.09</i>	<i>0.10</i>	<i>0.09</i>	0.06	<i>0.08</i>	<i>0.09</i>
Other Petroleum (mmb/d)	0.01	0.01	0.01	0.01	0.01	0.00	<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>
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	0.09	0.09	0.09	0.09	0.09	<i>0.10</i>	<i>0.09</i>	<i>0.09</i>	<i>0.09</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	0.01	0.01	0.01	0.02	0.02	<i>0.02</i>	<i>0.02</i>	<i>0.01</i>	<i>0.01</i>	<i>0.01</i>	<i>0.01</i>	0.01	<i>0.02</i>	<i>0.01</i>
Natural Gas (bcf/d)	1.37	1.33	1.47	1.44	1.50	1.45	<i>1.60</i>	<i>1.48</i>	<i>1.56</i>	<i>1.47</i>	<i>1.56</i>	<i>1.45</i>	1.40	<i>1.51</i>	<i>1.51</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)	2.64	2.39	2.67	2.58	2.76	2.54	<i>2.99</i>	<i>2.65</i>	<i>2.76</i>	<i>2.51</i>	<i>2.90</i>	<i>2.65</i>	2.57	<i>2.73</i>	<i>2.71</i>
Natural Gas (bcf/d)	16.51	18.40	25.74	17.13	17.06	19.84	<i>28.06</i>	<i>18.30</i>	<i>16.56</i>	<i>19.34</i>	<i>27.52</i>	<i>17.86</i>	19.46	<i>20.84</i>	<i>20.34</i>
Petroleum (mmb/d) (b)	0.24	0.18	0.19	0.13	0.18	0.18	<i>0.30</i>	<i>0.20</i>	<i>0.24</i>	<i>0.20</i>	<i>0.24</i>	<i>0.20</i>	0.19	<i>0.21</i>	<i>0.22</i>
End-of-period Fuel Inventories Held by Electric Power Sector															
Coal (mmst)	174.3	195.9	197.2	190.0	175.4	178.3	<i>159.1</i>	<i>162.5</i>	<i>164.7</i>	<i>174.3</i>	<i>160.6</i>	<i>165.3</i>	190.0	<i>162.5</i>	<i>165.3</i>
Residual Fuel Oil (mmb)	21.1	21.0	19.2	18.8	18.5	17.6	<i>16.5</i>	<i>17.6</i>	<i>17.7</i>	<i>18.1</i>	<i>15.9</i>	<i>16.8</i>	18.8	<i>17.6</i>	<i>16.8</i>
Distillate Fuel Oil (mmb)	17.1	17.6	17.9	17.8	17.3	17.0	<i>17.1</i>	<i>17.6</i>	<i>17.0</i>	<i>17.2</i>	<i>17.2</i>	<i>17.7</i>	17.8	<i>17.6</i>	<i>17.7</i>
Petroleum Coke (mmb)	3.6	3.8	4.8	7.0	5.8	5.4	<i>5.5</i>	<i>5.1</i>	<i>5.1</i>	<i>4.9</i>	<i>5.0</i>	<i>4.7</i>	7.0	<i>5.1</i>	<i>4.7</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 2010

	2009				2010				2011				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2009	2010	2011
Supply															
Hydroelectric Power (a)	0.625	0.827	0.585	0.644	0.622	0.717	<i>0.573</i>	<i>0.454</i>	<i>0.634</i>	<i>0.767</i>	<i>0.599</i>	<i>0.558</i>	2.682	2.365	2.558
Geothermal	0.094	0.091	0.093	0.096	0.093	0.094	<i>0.097</i>	<i>0.098</i>	<i>0.099</i>	<i>0.097</i>	<i>0.100</i>	<i>0.100</i>	0.373	0.382	0.396
Solar	0.026	0.028	0.028	0.026	0.026	0.029	<i>0.030</i>	<i>0.027</i>	<i>0.028</i>	<i>0.032</i>	<i>0.033</i>	<i>0.028</i>	0.109	0.112	0.121
Wind	0.184	0.186	0.141	0.188	0.194	0.255	<i>0.183</i>	<i>0.212</i>	<i>0.251</i>	<i>0.314</i>	<i>0.258</i>	<i>0.297</i>	0.699	0.844	1.120
Wood	0.458	0.452	0.490	0.490	0.478	0.477	<i>0.520</i>	<i>0.495</i>	<i>0.479</i>	<i>0.457</i>	<i>0.501</i>	<i>0.489</i>	1.891	1.970	1.927
Ethanol (b)	0.205	0.218	0.242	0.257	0.265	0.272	<i>0.277</i>	<i>0.283</i>	<i>0.279</i>	<i>0.284</i>	<i>0.289</i>	<i>0.289</i>	0.922	1.097	1.140
Biodiesel (b)	0.013	0.011	0.017	0.023	0.013	0.011	<i>0.017</i>	<i>0.023</i>	<i>0.022</i>	<i>0.025</i>	<i>0.026</i>	<i>0.025</i>	0.064	0.065	0.098
Other Renewables	0.112	0.111	0.113	0.111	0.107	0.112	<i>0.123</i>	<i>0.115</i>	<i>0.109</i>	<i>0.118</i>	<i>0.126</i>	<i>0.118</i>	0.447	0.457	0.471
Total	1.717	1.924	1.710	1.836	1.798	1.972	<i>1.822</i>	<i>1.706</i>	<i>1.900</i>	<i>2.093</i>	<i>1.933</i>	<i>1.905</i>	7.187	7.298	7.832
Consumption															
Electric Power Sector															
Hydroelectric Power (a)	0.622	0.824	0.584	0.641	0.618	0.713	<i>0.569</i>	<i>0.449</i>	<i>0.629</i>	<i>0.762</i>	<i>0.595</i>	<i>0.554</i>	2.671	2.350	2.540
Geothermal	0.081	0.078	0.079	0.082	0.079	0.081	<i>0.084</i>	<i>0.085</i>	<i>0.085</i>	<i>0.084</i>	<i>0.087</i>	<i>0.086</i>	0.320	0.328	0.342
Solar	0.001	0.003	0.003	0.001	0.001	0.004	<i>0.005</i>	<i>0.002</i>	<i>0.003</i>	<i>0.007</i>	<i>0.008</i>	<i>0.003</i>	0.008	0.012	0.021
Wind	0.184	0.186	0.141	0.188	0.194	0.255	<i>0.183</i>	<i>0.212</i>	<i>0.251</i>	<i>0.314</i>	<i>0.258</i>	<i>0.297</i>	0.699	0.844	1.120
Wood	0.044	0.040	0.045	0.044	0.047	0.043	<i>0.050</i>	<i>0.048</i>	<i>0.048</i>	<i>0.044</i>	<i>0.051</i>	<i>0.049</i>	0.173	0.188	0.193
Other Renewables	0.063	0.064	0.064	0.062	0.060	0.063	<i>0.066</i>	<i>0.065</i>	<i>0.065</i>	<i>0.068</i>	<i>0.071</i>	<i>0.069</i>	0.253	0.253	0.272
Subtotal	0.994	1.194	0.916	1.019	1.000	1.160	<i>0.957</i>	<i>0.860</i>	<i>1.081</i>	<i>1.278</i>	<i>1.072</i>	<i>1.058</i>	4.124	3.977	4.489
Industrial Sector															
Hydroelectric Power (a)	0.005	0.005	0.004	0.004	0.005	0.005	<i>0.004</i>	<i>0.004</i>	<i>0.005</i>	<i>0.004</i>	<i>0.004</i>	<i>0.004</i>	0.018	0.018	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>	0.004	0.004	0.004
Wood and Wood Waste	0.291	0.287	0.319	0.320	0.308	0.307	<i>0.342</i>	<i>0.322</i>	<i>0.304</i>	<i>0.287</i>	<i>0.322</i>	<i>0.315</i>	1.217	1.279	1.228
Other Renewables	0.040	0.040	0.040	0.040	0.039	0.040	<i>0.047</i>	<i>0.041</i>	<i>0.036</i>	<i>0.040</i>	<i>0.045</i>	<i>0.040</i>	0.160	0.167	0.161
Subtotal	0.340	0.337	0.367	0.369	0.357	0.357	<i>0.398</i>	<i>0.372</i>	<i>0.350</i>	<i>0.337</i>	<i>0.376</i>	<i>0.364</i>	1.413	1.484	1.427
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>	0.017	0.017	0.017
Wood and Wood Waste	0.018	0.018	0.018	0.018	0.018	0.020	<i>0.020</i>	<i>0.018</i>	<i>0.020</i>	<i>0.019</i>	<i>0.020</i>	<i>0.018</i>	0.072	0.076	0.077
Other Renewables	0.009	0.008	0.008	0.008	0.008	0.009	<i>0.010</i>	<i>0.009</i>	<i>0.008</i>	<i>0.009</i>	<i>0.010</i>	<i>0.009</i>	0.034	0.037	0.037
Subtotal	0.032	0.031	0.031	0.031	0.031	0.034	<i>0.034</i>	<i>0.030</i>	<i>0.031</i>	<i>0.032</i>	<i>0.033</i>	<i>0.031</i>	0.126	0.129	0.126
Residential Sector															
Geothermal	0.008	0.008	0.008	0.008	0.008	0.008	<i>0.008</i>	<i>0.008</i>	<i>0.008</i>	<i>0.008</i>	<i>0.008</i>	<i>0.008</i>	0.033	0.033	0.033
Biomass	0.106	0.107	0.108	0.108	0.106	0.108	<i>0.107</i>	<i>0.107</i>	<i>0.107</i>	<i>0.107</i>	<i>0.107</i>	<i>0.107</i>	0.430	0.428	0.429
Solar	0.025	0.025	0.025	0.025	0.025	0.025	<i>0.025</i>	<i>0.025</i>	<i>0.025</i>	<i>0.025</i>	<i>0.025</i>	<i>0.025</i>	0.101	0.100	0.100
Subtotal	0.139	0.140	0.142	0.142	0.139	0.141	<i>0.141</i>	<i>0.140</i>	<i>0.141</i>	<i>0.141</i>	<i>0.141</i>	<i>0.141</i>	0.563	0.561	0.563
Transportation Sector															
Ethanol (b)	0.199	0.231	0.245	0.255	0.255	0.276	<i>0.278</i>	<i>0.282</i>	<i>0.277</i>	<i>0.285</i>	<i>0.291</i>	<i>0.290</i>	0.930	1.090	1.143
Biodiesel (b)	0.005	0.010	0.015	0.018	0.012	0.010	<i>0.013</i>	<i>0.021</i>	<i>0.020</i>	<i>0.023</i>	<i>0.024</i>	<i>0.023</i>	0.047	0.057	0.090
Total Consumption	1.704	1.938	1.712	1.830	1.788	1.973	<i>1.817</i>	<i>1.703</i>	<i>1.897</i>	<i>2.092</i>	<i>1.933</i>	<i>1.904</i>	7.185	7.282	7.827

- = 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 2010

	2009				2010				2011				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2009	2010	2011
Macroeconomic															
Real Gross Domestic Product															
(billion chained 2005 dollars - SAAR)	12,833	12,810	12,861	13,019	13,139	13,217	<i>13,269</i>	<i>13,336</i>	<i>13,423</i>	<i>13,495</i>	<i>13,574</i>	<i>13,690</i>	12,881	13,240	13,546
Real Disposable Personal Income															
(billion chained 2005 Dollars - SAAR)	10,047	10,193	10,080	10,080	10,122	10,231	<i>10,283</i>	<i>10,305</i>	<i>10,297</i>	<i>10,369</i>	<i>10,419</i>	<i>10,466</i>	10,100	10,235	10,388
Real Fixed Investment															
(billion chained 2005 dollars-SAAR)	1,663	1,620	1,622	1,617	1,631	1,703	<i>1,692</i>	<i>1,720</i>	<i>1,756</i>	<i>1,795</i>	<i>1,836</i>	<i>1,881</i>	1,631	1,687	1,817
Business Inventory Change															
(billion chained 2005 dollars-SAAR)	-30.99	-38.12	-32.62	-4.58	21.04	10.84	<i>16.81</i>	<i>20.13</i>	<i>11.70</i>	<i>8.21</i>	<i>9.32</i>	<i>9.31</i>	-26.58	17.21	9.63
Housing Stock															
(millions)	123.5	123.5	123.5	123.5	123.5	123.6	<i>123.6</i>	<i>123.6</i>	<i>123.6</i>	<i>123.6</i>	<i>123.6</i>	<i>123.7</i>	123.5	123.6	123.7
Non-Farm Employment															
(millions)	132.8	131.1	130.1	129.6	129.7	130.4	<i>130.2</i>	<i>130.3</i>	<i>130.5</i>	<i>131.0</i>	<i>131.5</i>	<i>132.2</i>	130.9	130.1	131.3
Commercial Employment															
(millions)	88.9	87.9	87.5	87.4	87.6	87.9	<i>88.0</i>	<i>88.2</i>	<i>88.4</i>	<i>88.8</i>	<i>89.2</i>	<i>89.9</i>	87.9	87.9	89.1
Industrial Production Indices (Index, 2007=100)															
Total Industrial Production	88.2	85.9	87.6	89.1	90.6	92.1	<i>93.0</i>	<i>93.3</i>	<i>93.8</i>	<i>94.5</i>	<i>95.2</i>	<i>96.0</i>	87.7	92.3	94.9
Manufacturing	85.2	83.3	85.5	87.0	88.5	90.2	<i>91.1</i>	<i>91.8</i>	<i>92.7</i>	<i>93.7</i>	<i>94.8</i>	<i>95.9</i>	85.2	90.4	94.3
Food	96.2	97.1	97.7	99.4	100.9	101.8	<i>102.2</i>	<i>102.9</i>	<i>103.4</i>	<i>104.0</i>	<i>104.5</i>	<i>105.0</i>	97.6	102.0	104.2
Paper	84.8	83.4	85.8	86.8	88.2	88.5	<i>89.0</i>	<i>89.6</i>	<i>90.3</i>	<i>91.0</i>	<i>91.6</i>	<i>92.4</i>	85.2	88.8	91.3
Chemicals	88.5	89.9	91.7	93.4	94.5	93.0	<i>93.4</i>	<i>93.7</i>	<i>94.2</i>	<i>94.8</i>	<i>95.3</i>	<i>96.0</i>	90.9	93.7	95.1
Petroleum	93.3	94.8	95.3	93.6	91.9	97.0	<i>97.5</i>	<i>97.6</i>	<i>97.7</i>	<i>97.9</i>	<i>98.3</i>	<i>98.6</i>	94.2	96.0	98.1
Stone, Clay, Glass	74.7	73.4	75.5	72.3	71.9	75.5	<i>75.6</i>	<i>75.6</i>	<i>76.1</i>	<i>77.1</i>	<i>78.2</i>	<i>79.8</i>	74.0	74.6	77.8
Primary Metals	63.2	59.2	69.6	77.1	82.8	85.9	<i>89.1</i>	<i>90.3</i>	<i>91.0</i>	<i>91.9</i>	<i>92.7</i>	<i>93.9</i>	67.3	87.1	92.4
Resins and Synthetic Products	80.9	83.5	84.4	85.4	87.1	83.9	<i>84.4</i>	<i>84.4</i>	<i>84.4</i>	<i>84.8</i>	<i>85.0</i>	<i>85.6</i>	83.6	84.9	85.0
Agricultural Chemicals	78.2	86.4	86.0	90.6	95.5	94.6	<i>94.3</i>	<i>93.7</i>	<i>93.1</i>	<i>92.9</i>	<i>92.8</i>	<i>92.9</i>	85.3	94.5	92.9
Natural Gas-weighted (a)	81.5	82.9	85.4	87.1	88.8	90.0	<i>90.7</i>	<i>91.0</i>	<i>91.2</i>	<i>91.7</i>	<i>92.2</i>	<i>92.9</i>	84.2	90.1	92.0
Price Indexes															
Consumer Price Index (all urban consumers)															
(index, 1982-1984=1.00)	2.12	2.13	2.15	2.17	2.18	2.17	<i>2.18</i>	<i>2.19</i>	<i>2.20</i>	<i>2.20</i>	<i>2.21</i>	<i>2.23</i>	2.15	2.18	2.21
Producer Price Index: All Commodities															
(index, 1982=1.00)	1.72	1.70	1.71	1.79	1.85	1.83	<i>1.83</i>	<i>1.84</i>	<i>1.85</i>	<i>1.84</i>	<i>1.85</i>	<i>1.87</i>	1.73	1.84	1.85
Producer Price Index: Petroleum															
(index, 1982=1.00)	1.37	1.69	1.93	2.02	2.17	2.26	<i>2.13</i>	<i>2.12</i>	<i>2.23</i>	<i>2.35</i>	<i>2.37</i>	<i>2.34</i>	1.76	2.17	2.32
GDP Implicit Price Deflator															
(index, 2005=100)	109.5	109.6	109.8	109.7	110.0	110.5	<i>110.7</i>	<i>110.9</i>	<i>111.5</i>	<i>111.6</i>	<i>111.9</i>	<i>112.5</i>	109.6	110.5	111.9
Miscellaneous															
Vehicle Miles Traveled (b)															
(million miles/day)	7,718	8,505	8,423	7,999	7,662	8,574	<i>8,486</i>	<i>8,075</i>	<i>7,768</i>	<i>8,608</i>	<i>8,544</i>	<i>8,110</i>	8,163	8,201	8,259
Air Travel Capacity															
(Available ton-miles/day, thousands)	494	513	518	498	492	521	<i>518</i>	<i>498</i>	<i>505</i>	<i>525</i>	<i>524</i>	<i>506</i>	506	507	515
Aircraft Utilization															
(Revenue ton-miles/day, thousands)	275	305	319	303	294	320	<i>320</i>	<i>304</i>	<i>304</i>	<i>329</i>	<i>326</i>	<i>309</i>	301	310	317
Airline Ticket Price Index															
(index, 1982-1984=100)	252.7	249.8	260.6	268.8	266.4	282.0	<i>284.2</i>	<i>278.8</i>	<i>281.1</i>	<i>293.3</i>	<i>297.7</i>	<i>288.8</i>	258.0	277.8	290.2
Raw Steel Production															
(million short tons per day)	0.146	0.153	0.186	0.214	0.234	0.253	<i>0.251</i>	<i>0.259</i>	<i>0.260</i>	<i>0.272</i>	<i>0.276</i>	<i>0.267</i>	0.175	0.249	0.269
Carbon Dioxide (CO₂) Emissions (million metric tons)															
Petroleum	583	573	576	580	567	583	<i>591</i>	<i>587</i>	<i>580</i>	<i>588</i>	<i>590</i>	<i>587</i>	2,312	2,329	2,345
Natural Gas	385	255	265	316	402	269	<i>280</i>	<i>322</i>	<i>395</i>	<i>269</i>	<i>280</i>	<i>322</i>	1,220	1,273	1,266
Coal	477	432	485	473	496	456	<i>550</i>	<i>492</i>	<i>506</i>	<i>464</i>	<i>539</i>	<i>495</i>	1,867	1,994	2,004
Total Fossil Fuels	1,444	1,260	1,326	1,369	1,466	1,307	<i>1,421</i>	<i>1,401</i>	<i>1,481</i>	<i>1,321</i>	<i>1,409</i>	<i>1,405</i>	5,399	5,595	5,615

- = 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 2010

	2009				2010				2011				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2009	2010	2011
Real Gross State Product (Billion \$2005)															
New England	619	619	622	629	635	639	641	644	648	651	654	659	622	640	653
Middle Atlantic	1,740	1,741	1,751	1,769	1,786	1,797	1,803	1,812	1,823	1,831	1,840	1,856	1,750	1,799	1,838
E. N. Central	1,563	1,557	1,562	1,581	1,592	1,601	1,608	1,616	1,626	1,631	1,639	1,652	1,566	1,604	1,637
W. N. Central	719	720	724	732	738	742	744	747	752	755	759	765	724	743	758
S. Atlantic	2,020	2,018	2,027	2,052	2,072	2,086	2,094	2,105	2,120	2,133	2,147	2,167	2,029	2,089	2,142
E. S. Central	526	525	526	532	537	540	542	544	547	550	553	558	527	541	552
W. S. Central	1,214	1,213	1,220	1,240	1,253	1,260	1,267	1,273	1,282	1,291	1,301	1,313	1,222	1,263	1,297
Mountain	727	723	725	735	740	743	746	750	756	760	765	772	728	745	763
Pacific	1,952	1,946	1,949	1,972	1,992	2,004	2,013	2,024	2,038	2,050	2,063	2,080	1,955	2,008	2,058
Industrial Output, Manufacturing (Index, Year 2007=100)															
New England	86.8	85.7	88.2	89.8	91.1	92.8	93.7	94.2	95.0	95.9	96.8	97.5	87.6	93.0	96.3
Middle Atlantic	85.9	84.5	86.7	88.2	89.1	90.8	91.7	92.6	93.5	94.5	95.5	96.6	86.3	91.1	95.0
E. N. Central	82.0	79.1	81.7	83.2	85.1	87.6	88.5	89.4	90.2	91.1	92.1	93.1	81.5	87.7	91.6
W. N. Central	88.0	85.7	87.9	89.9	91.6	93.6	94.7	95.5	96.3	97.2	98.1	99.1	87.9	93.8	97.7
S. Atlantic	83.5	81.9	83.8	84.9	85.9	87.2	88.0	88.6	89.3	90.2	91.1	92.1	83.6	87.4	90.7
E. S. Central	82.3	80.4	82.8	84.5	85.8	87.6	88.6	89.5	90.3	91.4	92.8	94.3	82.5	87.9	92.2
W. S. Central	88.8	86.9	88.7	90.6	92.2	94.6	95.5	96.0	96.8	97.9	99.2	100.5	88.7	94.6	98.6
Mountain	84.7	83.3	85.5	86.8	87.6	89.4	90.1	90.9	92.2	93.4	94.5	95.5	85.1	89.5	93.9
Pacific	86.8	85.4	87.5	88.8	90.7	91.7	92.3	93.0	94.1	95.4	96.5	97.6	87.1	91.9	95.9
Real Personal Income (Billion \$2005)															
New England	573	578	574	572	574	580	583	584	585	588	591	593	574	580	589
Middle Atlantic	1,524	1,553	1,536	1,536	1,541	1,561	1,565	1,569	1,573	1,583	1,591	1,598	1,537	1,559	1,586
E. N. Central	1,415	1,422	1,407	1,407	1,412	1,419	1,427	1,428	1,427	1,434	1,438	1,440	1,413	1,422	1,435
W. N. Central	643	644	637	639	642	646	650	651	652	656	659	660	641	647	657
S. Atlantic	1,872	1,879	1,860	1,860	1,870	1,887	1,898	1,903	1,909	1,922	1,933	1,944	1,868	1,889	1,927
E. S. Central	494	499	493	493	498	504	506	507	508	511	514	516	495	504	512
W. S. Central	1,072	1,069	1,060	1,056	1,064	1,077	1,087	1,091	1,095	1,104	1,111	1,119	1,064	1,080	1,107
Mountain	657	654	647	647	649	657	660	661	662	667	671	674	651	657	669
Pacific	1,723	1,719	1,699	1,697	1,705	1,721	1,732	1,739	1,745	1,758	1,768	1,777	1,710	1,724	1,762
Households (Thousands)															
New England	5,491	5,495	5,500	5,506	5,516	5,530	5,540	5,548	5,558	5,571	5,583	5,594	5,506	5,548	5,594
Middle Atlantic	15,199	15,210	15,224	15,239	15,262	15,299	15,320	15,338	15,359	15,387	15,415	15,437	15,239	15,338	15,437
E. N. Central	17,747	17,735	17,727	17,721	17,741	17,780	17,801	17,824	17,867	17,903	17,942	17,992	17,721	17,824	17,992
W. N. Central	8,068	8,080	8,094	8,108	8,122	8,146	8,163	8,183	8,205	8,231	8,258	8,283	8,108	8,183	8,283
S. Atlantic	22,221	22,252	22,297	22,350	22,432	22,526	22,605	22,682	22,767	22,862	22,960	23,048	22,350	22,682	23,048
E. S. Central	7,046	7,055	7,066	7,078	7,094	7,114	7,138	7,161	7,179	7,200	7,221	7,247	7,078	7,161	7,247
W. S. Central	12,672	12,711	12,751	12,789	12,841	12,900	12,949	12,998	13,050	13,109	13,168	13,222	12,789	12,998	13,222
Mountain	7,894	7,909	7,927	7,946	7,972	8,011	8,045	8,076	8,111	8,154	8,194	8,235	7,946	8,076	8,235
Pacific	16,865	16,886	16,918	16,957	17,020	17,094	17,152	17,201	17,257	17,320	17,381	17,437	16,957	17,201	17,437
Total Non-farm Employment (Millions)															
New England	6.9	6.8	6.7	6.7	6.7	6.8	6.8	6.7	6.8	6.8	6.8	6.8	6.8	6.8	6.8
Middle Atlantic	18.2	18.1	18.0	17.9	17.9	18.0	18.0	18.0	18.0	18.1	18.2	18.2	18.1	18.0	18.1
E. N. Central	20.5	20.2	20.0	19.9	19.9	20.1	20.1	20.1	20.1	20.1	20.2	20.3	20.2	20.0	20.2
W. N. Central	10.0	9.9	9.8	9.8	9.8	9.9	9.9	9.9	9.9	9.9	9.9	10.0	9.9	9.8	9.9
S. Atlantic	25.2	25.0	24.8	24.7	24.7	24.8	24.8	24.8	24.8	24.9	25.0	25.2	24.9	24.8	25.0
E. S. Central	7.5	7.4	7.3	7.3	7.3	7.4	7.4	7.4	7.4	7.4	7.4	7.5	7.4	7.3	7.4
W. S. Central	15.1	14.9	14.8	14.8	14.8	15.0	15.0	15.0	15.0	15.1	15.2	15.3	14.9	14.9	15.1
Mountain	9.3	9.2	9.1	9.0	9.0	9.1	9.0	9.0	9.0	9.1	9.1	9.2	9.2	9.0	9.1
Pacific	19.8	19.5	19.3	19.2	19.2	19.2	19.2	19.2	19.3	19.4	19.5	19.6	19.4	19.2	19.4

- = no data available

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

Regions refer to 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 2010

	2009				2010				2011				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2009	2010	2011
Heating Degree-days															
New England	3,379	861	188	2,219	2,937	688	170	2,233	3,218	930	180	2,239	6,646	6,028	6,567
Middle Atlantic	3,032	662	119	1,986	2,798	500	110	2,042	2,967	752	124	2,040	5,800	5,450	5,883
E. N. Central	3,337	764	157	2,283	3,189	539	131	2,298	3,222	798	156	2,286	6,542	6,157	6,462
W. N. Central	3,345	765	175	2,551	3,460	571	148	2,484	3,316	728	183	2,481	6,835	6,664	6,708
South Atlantic	1,588	215	20	1,056	1,788	158	24	1,056	1,513	247	25	1,042	2,880	3,026	2,827
E. S. Central	1,868	271	18	1,433	2,277	182	31	1,366	1,857	298	33	1,353	3,589	3,857	3,541
W. S. Central	1,087	112	9	1,004	1,588	101	7	836	1,166	104	9	876	2,212	2,532	2,155
Mountain	2,135	688	131	2,062	2,322	765	146	1,905	2,291	719	172	1,940	5,016	5,138	5,122
Pacific	1,429	491	52	1,177	1,329	674	83	1,145	1,435	562	107	1,139	3,150	3,231	3,243
U.S. Average	2,257	502	86	1,648	2,301	436	86	1,617	2,224	541	100	1,616	4,494	4,440	4,481
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	35	328	0	0	139	481	0	0	69	357	0	363	620	426
Middle Atlantic	0	109	478	0	0	242	677	5	0	140	517	5	586	924	662
E. N. Central	1	190	355	0	0	268	660	8	1	197	502	8	546	935	708
W. N. Central	2	251	467	0	0	329	760	13	3	263	650	12	721	1,102	928
South Atlantic	85	630	1,080	229	37	782	1,232	208	113	569	1,084	213	2,025	2,260	1,979
E. S. Central	26	529	902	38	1	685	1,199	62	33	458	1,000	63	1,496	1,947	1,554
W. S. Central	97	865	1,461	146	20	953	1,540	190	93	791	1,421	177	2,569	2,703	2,482
Mountain	22	429	986	65	7	337	913	70	15	390	846	67	1,503	1,327	1,318
Pacific	9	181	663	31	2	79	542	42	7	151	513	41	884	665	712
U.S. Average	31	367	759	70	10	434	898	79	37	345	774	77	1,228	1,420	1,233
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.