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Energy Information Administration

October 2010

Short-Term Energy and Winter Fuels Outlook

October 13, 2010 Release

Highlights

- EIA projects average household expenditures for space-heating fuels will total $986 this winter (October 1 to March 31), an increase of $24, or 2.5 percent, from last winter. EIA projects higher expenditures in all fuels except electricity, where expenditures decline by 2 percent. This forecast reflects moderately higher prices for all the fuels, although slightly milder weather than last winter for much of the Nation should contribute to lower consumption in many areas (see EIA Short Term and Winter Fuels Outlook slideshow).

- According to the National Oceanic and Atmospheric Administration's (NOAA) most recent projection of heating degree-days, the lower-48 states are forecast to be 3 percent warmer during the October through March winter heating season compared with last winter and 1 percent warmer than the 30-year average (1971-2000). However, heating degree-day projections vary widely between regions. For example, the Northeast, the principal market for heating oil, is projected to be about 5 percent colder than last winter, while the South is projected to be about 15 percent warmer.

- EIA expects the price of West Texas Intermediate (WTI) crude oil to average about $80 per barrel this winter, a $2.50-per-barrel increase over last winter. The forecast for average WTI prices rises gradually to $85 per barrel by the fourth quarter of 2011 as U.S. and global economic conditions improve. EIA's forecast assumes U.S. gross domestic product (GDP) grows by 2.6 percent in 2010 and 2.1 percent in 2011, while world oil-consumption-weighted GDP grows by 3.8 percent and 3.3 percent, respectively, in 2010 and 2011.

- Projected natural gas inventories reach more than 3.7 trillion cubic feet (Tcf) at the end of this year's injection season (October 31). This projected volume will be about 3 percent lower than last year's record-setting level but will still represent the second highest underground storage level on record for the month of October. The projected Henry Hub annual average spot price

increases from $3.95 per million Btu (MMBtu) in 2009 to $4.47 in 2010 and $4.58 in 2011.

Projected Winter Fuel Expenditures by Fuel and Region

The average household winter heating fuel expenditures discussed in this *Outlook* provide a broad guide to changes compared with last winter, but fuel expenditures for individual households are highly dependent on local weather conditions, market size, the size and energy efficiency of individual homes and their heating equipment, and thermostat settings (see Winter Fuel Outlook table).

Natural Gas. EIA expects households heating primarily with natural gas to spend an average of $27 (4 percent) more this winter. About 52 percent of all U.S. households depend on natural gas as their primary heating fuel. The 4-percent increase in natural gas expenditures reflects a 6-percent increase in prices and a 2-percent decrease in consumption. In the Midwest, where 72 percent of all households rely on natural gas, a projected 6-percent increase in average household expenditures results from an increase of more than 6-percent in prices and a slight drop in consumption, based on the forecast of slightly warmer weather than last winter.

Heating Oil. EIA expects households heating primarily with heating oil to spend an average of about $220 (12 percent) more this winter than last winter. About 7 percent of U.S. households depend on heating oil for winter fuel. The Northeast accounts for 80 percent of U.S. heating oil consumption. The average Northeast household is projected to spend 13 percent more ($259) than last winter as a result of a 5-percent increase in consumption and regional prices 8 percent higher than last winter. EIA projects residential heating oil prices in the Northeast to average about $3.06 per gallon during the winter season, 22 cents per gallon more than last winter.

Propane. About 6 percent of total U.S. households heat with propane. EIA expects households heating primarily with propane to spend an average of $136 (8 percent) more this winter, but that increase varies across regions. EIA expects that households in the Midwest will see an average increase in winter propane expenditures of 14 percent as projected residential propane prices increase by over 15 percent from last winter and consumption falls by about 1 percent. Forecast household propane expenditures in the South are 6 percent less this winter because a 13 percent decline in consumption more than offsets a projected 7 percent increase in prices.

The most significant concern in this winter fuels outlook is propane supply in parts of the Northeast. A leak was found in the TEPPCO propane pipeline east of Watkins

Glen, New York, in late August. The pipeline closed its Oneonta, Harford Mills and Selkirk terminals, which are not expected to re-open until later in the year. While much of New England's propane supply comes from imports, the relatively low level of inventory in the region means that any water-borne delays or an early cold snap will likely drive prices higher since suppliers may have to travel extended distances for incremental barrels until supplies normalize.

Electricity. Households heating primarily with electricity can expect to spend an average of $18 (2 percent) less this winter. Projected household electricity expenditures are 2 percent lower this winter because a 4-percent decline in consumption more than offsets a 2-percent increase in prices. About 37 percent of all U.S. households rely on electricity as their primary heating fuel, ranging from 13 percent in the Northeast to 61 percent in the South. The number of households heating with electricity is growing at an estimated annual rate of 2.9 percent. This relatively high growth rate primarily reflects the population movement to the South, where electric heat pumps are popular.

Global Crude Oil and Liquid Fuels

Crude Oil and Liquid Fuels Overview. As member states of the Organization of the Petroleum Exporting Countries (OPEC) prepare to meet on October 14 to discuss market conditions, they face an oil market outlook largely unchanged from the previous few months. While commercial oil inventories in the Organization for Economic Cooperation and Development (OECD) countries remain high, floating oil storage has been declining, and EIA believes that a gradual projected reduction in OECD oil inventories over the forecast period should support firming oil prices. The economic outlook has also remained substantially the same, with Asian countries continuing to lead global economic growth. World oil prices are expected to rise gradually as global economic growth leads to higher global oil demand and growth in non-OPEC oil supply slows in 2011. EIA expects OPEC production will rise over the forecast period, keeping oil prices from increasing dramatically. Should OPEC not increase production as global consumption recovers, oil prices could be significantly higher than the central forecast. Conversely, should the global economic recovery be slower than expected, prices could be lower than our forecast.

Global Crude Oil and Liquid Fuels Consumption. World oil consumption growth for 2010 has been revised up slightly to 1.7 million barrels per day (bbl/d) in response to stronger-than-expected growth in oil demand during the first half of 2010 in China, as well as in the OECD. Non-OECD regions, especially China, the Middle East, and Brazil, represent most of the expected growth in world oil demand in 2011 (World Liquid Fuels Consumption Chart). While other OECD regions are showing declines,

North America is expected to show oil consumption growth in 2011 of 0.2 million bbl/d. Projected global oil consumption growth in 2011 is 1.4 million bbl/d, unchanged from last month's *Outlook*.

Non-OPEC Supply. EIA projects non-OPEC liquids supply will increase by 0.9 million bbl/d in 2010, with the growth coming mainly from the United States, Brazil, and the former Soviet Union. The non-OPEC supply projection for 2010 is 0.2 million bbl/d higher than in last month's *Outlook*, primarily the result of continued near-record crude oil production occurring in Russia. Forecasted total non-OPEC supply falls by 240,000 bbl/d in 2011, chiefly because of declining total North Sea and North American production--with Mexico's production falling by 170,000 bbl/d--as well as decreasing supplies from 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 mainly the result of supply disruptions in the Gulf of Mexico.

OPEC Supply. EIA expects that OPEC crude oil production will rise slightly through 2011 to accommodate increasing world oil consumption and to maintain OPEC market objectives. OPEC crude oil production is projected to increase by 0.3 million bbl/d and 0.6 million bbl/d in 2010 and 2011, respectively, with non-crude petroleum liquids expected to increase by 0.7 million bbl/d in 2010 and 2011. OPEC surplus capacity should remain near 5 million bbl/d, compared with 4.3 million bbl/d in 2009 and 1.5 million bbl/d in 2008 (OPEC Surplus Crude Oil Production Capacity Chart).

OECD Petroleum Inventories. Commercial oil inventories held in the OECD stood at an estimated 2.78 billion barrels at the end of the third quarter of 2010, equivalent to about 60 days of forward cover, and roughly 90 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 are expected to decline through the forecast period, though days-forward-cover should remain high by historical standards.

Crude Oil Prices. WTI oil prices averaged $75 per barrel in September but rose above $80 at the end of the month and into early October as expectations of higher oil consumption pushed up prices. EIA has raised the average fourth quarter 2010 forecasted WTI spot price to $79 per barrel compared with $77 per barrel in last month's *Outlook*. WTI spot prices are projected to rise to $85 per barrel by the fourth quarter of next year. Projected WTI prices average $78 per barrel in 2010 and $83 per barrel in 2011.

Energy price forecasts are highly uncertain, as history has shown (Energy Price Volatility and Forecast Uncertainty). WTI futures for December 2010 delivery for the

5-day period ending October 7 averaged $83 per barrel, and implied volatility averaged 30 percent. This made the lower and upper limits of the 95-percent confidence interval $68 per barrel and $101 per barrel, respectively, for WTI delivered in December 2010. Last year at this time WTI for December 2009 delivery averaged $69 per barrel and implied volatility averaged 48 percent, with the limits of the 95-percent confidence interval at $49 per barrel and $96 per barrel.

U.S. Crude Oil and Liquid Fuels

U.S. Liquid Fuels Consumption. Projected total U.S. liquid fuels consumption grows by 200,000 bbl/d (1.1 percent) in 2010, and by 110,000 bbl/d (0.6 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 from 2006 through 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 430,000 bbl/d in the second and third quarters 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 0.2 percent and distillate consumption to increase by 2.7 percent. Projected gasoline consumption growth increases to 0.8 percent in 2011 while distillate fuel consumption growth moderates to 0.4 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 100,000 bbl/d in 2010 (U.S. Crude Oil Production Chart). Forecast total domestic crude oil production falls by 60,000 bbl/d to 5.4 million bbl/d in 2011. This projection includes a 170,000 bbl/d decline in the Federal Gulf of Mexico (GOM) and a 130,000 bbl/d increase in lower-48 non-GOM production next year. Projected ethanol production, which averaged 710,000 bbl/d in 2009, increases to an average of 850,000 bbl/d in 2010 and 870,000 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 $2.74 per gallon in 2010 and $2.92 per gallon in 2011. On-highway diesel fuel retail prices, which averaged $2.46 per gallon in 2009, average $2.96 per gallon in 2010 and $3.14 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 projects total natural gas consumption will increase by 4.6 percent and 0.1 percent in 2010 and 2011, respectively (Total U.S. Natural Gas Consumption Growth Chart). Consumption of natural gas in the industrial and electric power sectors makes up the bulk of the year-over-year increase in consumption in 2010. Projected industrial natural gas consumption rises by 7.4 percent in 2010, driven by the projected 6.7 percent increase in the natural-gas-weighted industrial production index. The forecasted 7.6 percent growth in 2010 natural gas consumption in the electric power sector is partially due to the very warm summer weather, which led to an increase in electricity demand for cooling. Estimated natural gas consumption for electric power through August 2010 averaged 20.75 billion cubic feet per day (Bcf/d) compared with 19.23 Bcf/d through August 2009, a 7.9-percent increase.

The projected 0.1 percent increase in total natural gas consumption in 2011 is the result of about a 1-percent increase in residential, commercial, and industrial natural gas consumption, offset by a 1-percent decline in electric power sector consumption. The projected increase in residential and commercial consumption next year is the result of a forecasted 1.7-percent increase in U.S. population-weighted heating degree-days. Industrial sector natural gas consumption growth is driven by the projected 2 percent increase in the natural-gas-weighted industrial production index. Despite a slight decrease (0.3 percent) in electricity consumption in 2011, projected electric-power-sector natural gas consumption falls by 1 percent primarily because of forecasted increases in nuclear and renewable-based electricity generation.

U.S. Natural Gas Production and Imports. Marketed natural gas production in the lower-48 states is expected to rise by 3.5 percent this year. EIA expects total U.S. marketed natural gas production to decrease by 1.5 percent in 2011, less than the 1.9 percent reduction forecast in last month's *Outlook*.

The increase in the natural-gas-directed drilling rig count since mid-2009, comprised of a growing share of natural-gas-directed horizontal drilling rigs in the lower-48 states, contributed to the production growth in 2010. Over the last year, the natural gas rig count increased from 712 on October 2, 2009, to 962 on October 1, 2010, according to Baker Hughes. However, the pace if drilling for natural gas is expected to moderate slightly over the forecast period. The growing spread between

petroleum liquids and natural gas prices has also favored a shift towards drilling in shale formations that contain a higher proportion of liquids.

EIA forecasts gross pipeline imports of 9.2 Bcf/d in 2011, an increase of 1.5 percent compared with 2010. Forecasted imports of liquefied natural gas (LNG) average 1.23 Bcf/d in 2010, a slight decline from 2009 levels. Growing domestic production and low U.S. prices relative to European and Asian markets have discouraged LNG imports. Nevertheless, EIA expects LNG imports to grow slightly in 2011 to 1.32 Bcf/d, a 7-percent increase.

U.S. Natural Gas Inventories. On October 1, 2010, working natural gas in storage was 3,499 billion cubic feet (Bcf). Current inventories are now 220 Bcf above the previous 5-year average (2005–2009) and 149 Bcf below the level during the corresponding week last year (U.S. Working Natural Gas in Storage Chart). EIA expects that natural gas inventories will reach 3,726 Bcf at the end of October, which marks the end of the traditional injection season. Last year, injections continued through November; however, this year EIA expects November inventories will end about 16 Bcf below October inventories.

U.S. Natural Gas Prices. The Henry Hub spot price averaged $3.89 per MMBtu in September, $0.43 per MMBtu lower than the average spot price in August (Henry Hub Natural Gas Price Chart). Prices are expected to remain below $4 per MMBtu in October but rise to $4.68 per MMBtu by January as space-heating demand increases this winter. EIA has revised its projections for natural gas prices downward through 2011. Expectations are now for a price of $4.16 per MMBtu for the last quarter of 2010, $0.27 per MMBtu (6 percent) lower than last month's *Outlook*, based on several weeks of strong inventory builds. Price expectations for 2011 are $4.58 per MMBtu, which is $0.18 per MMBtu (4 percent) lower than last month's forecast, primarily due to a stronger domestic production forecast.

Uncertainty over future natural gas prices is lower this year compared with last year at this time. Natural gas futures for December 2010 delivery for the 5-day period ending October 7 averaged $4.07 per MMBtu, and the average implied volatility over the same period was 39 percent. This produced lower and upper bounds for the 95-percent confidence interval of $3.09 per MMBtu and $5.37 per MMBtu, respectively. At this time last year, the natural gas December 2009 futures contract averaged $5.59 per MMBtu and implied volatility averaged 56 percent. The corresponding lower and upper limits of the 95-percent confidence interval were $3.70 per MMBtu and $8.50 per MMBtu.

Electricity

U.S. Electricity Consumption. The summer months of 2010 were warmer than normal, especially in the regions east of the Mississippi. Cooling degree-days in the east during June, July, and August ranged from 26 percent (in the South Atlantic region) to 46 percent (in New England) higher than normal (U.S. Summer Cooling Degree-Days Chart). In contrast, cooling degree-days in the East as a whole were 7 percent lower than normal during 2009. The large year-over-year increase in cooling degree-days should help push up total 2010 consumption of electricity by 5 percent over last year's level. Total consumption is expected to fall slightly in 2011 as forecast temperatures return to near-normal levels (U.S. Total Electricity Consumption Chart).

U.S. Electricity Generation. Generation in the electric power sector is projected to average 10.9 terawatt-hours per day during 2010, which would be 4.4 percent higher than generation during 2009. Of this amount, 47.0 percent should be produced from coal-fired power plants and 22.5 percent from natural-gas-fired capacity. In contrast, the fuel shares for coal and natural gas during 2009 were 45.9 percent and 22.0 percent, respectively. Projected total generation increases by 0.4 percent 2011, with increases in nuclear and renewable (including hydroelectric) generation of 1.4 percent and 13 percent, respectively, and declines in coal and natural gas generation of 2.0 percent and 1.2 percent, respectively.

U.S. Electricity Retail Prices. Although the average U.S. residential retail price of electricity fell by nearly 1 percent during the first half of 2010 compared with the same period last year, prices are expected to increase by 1.5 percent year-over-year during the second half of 2010. Higher generation fuel costs this year are expected to be passed through to retail consumers during 2011, pushing up residential prices by 1.4 percent next year (U.S. Residential Electricity Prices Chart).

Coal

U.S. Coal Consumption. Coal consumption in the electric power sector rose by 5 percent in the first half of this year compared with the first half of last year, primarily the result of higher electricity consumption. EIA forecasts that higher electric power sector coal consumption will continue for the remainder of the year, with the total annual increase projected at nearly 7 percent. Despite a very slight decrease (0.3 percent) in electricity consumption in 2011, projected coal-fired electricity generation and related coal consumption will decline at a higher rate, primarily because of forecast increases in nuclear and renewable-based generation (U.S. Coal Consumption Growth Chart).

U.S. Coal Supply. Coal production for the first 6 months of 2010 fell by 3 percent despite a 5 percent increase in U.S. coal consumption. Drawdowns in inventories (U.S. Electric Power Sector Coal Stocks Chart) are forecasted to meet the majority of the increased coal consumption in 2010. Projected coal production increases in the second half of 2010, with annual growth projected at 1 percent. EIA projects another 1-percent increase in coal production in 2011 (U.S. Annual Coal Production Chart).

U.S. Coal Trade. The United States is a net exporter of coal, averaging 3.4 percent of production in 2009. Projected coal net exports increase by 58 percent in 2010, then decline by 17 percent in 2011. Metallurgical coal exports have nearly doubled in the first half of 2010 compared with the first half of last year. Metallurgical coal's share of total coal exports has grown from 52 percent in 2008 to a projected 74 percent in 2010. EIA projects coal imports to decline by 17 percent in 2010 recover next year with growth of 37 percent. However, the annual import tonnage (26 million short tons) remains significantly below the 2005-through-2008 average of 34 million short tons.

U.S. Coal Prices. The electric-power-sector coal price rose by 1.3 percent in the first half of 2010 compared with the first half of last year. This higher cost of delivered coal reflects the effect of longer-term power sector coal contracts initiated during a period of high prices, rising transportation costs, increased consumption, and increases in spot coal prices. The projected electric-power-sector delivered coal price averages $2.26 per MMBtu in 2010, and then declines to an average of $2.23 per MMBtu in 2011.

U.S. Carbon Dioxide Emissions

Expected economic growth of 2.6 percent combined with increased use of coal and natural gas is expected to contribute to an increase in fossil-fuel carbon dioxide (CO_2) emissions of 3.9 percent in 2010 (U.S. Carbon Dioxide Emissions Growth Chart). The first half of 2010 saw increases of 5.7 percent and 4.2 percent for coal and natural gas-related CO_2 emissions, respectively. These increases resulted from increased electricity sector usage of coal and natural gas and higher consumption of natural gas in the industrial sector.

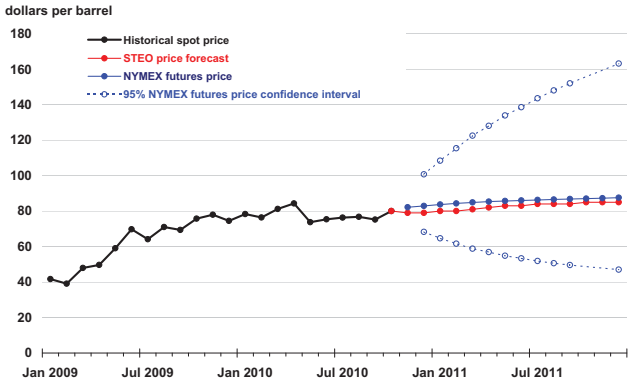
Projected declines in electric-power-sector and industrial sector fossil fuel consumption in 2011 offset forecasted increased consumption of petroleum in the transportation sector (i.e., motor gasoline, diesel fuel, and jet fuel). Consequently, fossil-fuel CO_2 emissions remain flat in 2011. Projected fossil-fuel CO_2 emissions in 2010 and 2011 also remain below the levels seen in any year from 1999 through 2008.

U.S. Energy Information Administration

Short-Term Energy Outlook

Chart Gallery for October 2010

West Texas Intermediate (WTI) Crude Oil Price

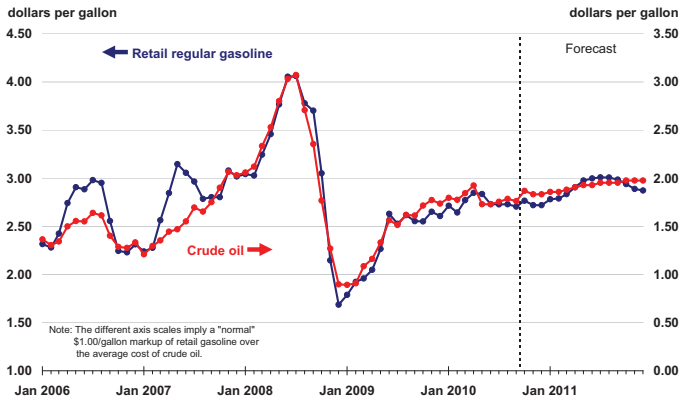


Note: Confidence interval derived from options market information for the 5 trading days ending October 7, 2010
Intervals not calculated for months with sparse trading in "near-the-money" options contracts

U.S. Energy Information Administration

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

U.S. Gasoline and Crude Oil Prices

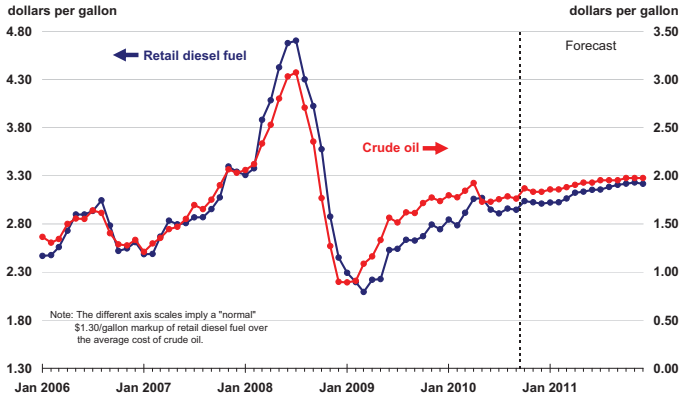


Note: Crude oil price is refiner average acquisition cost. Retail gasoline price includes State and Federal taxes.

U.S. Energy Information Administration

Source: Short-Term Energy Outlook, October 2010

U.S. Diesel Fuel and Crude Oil Prices

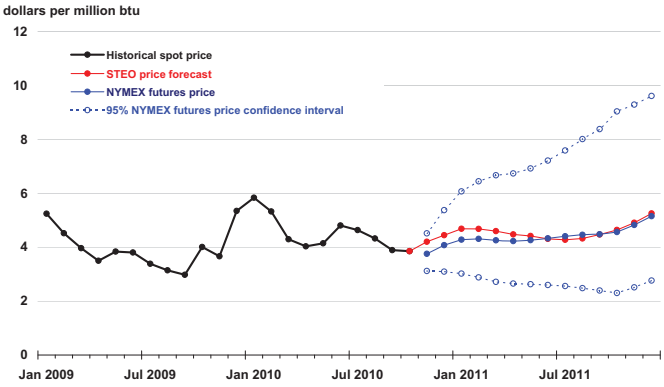


Note: Crude oil price is refiner average acquisition cost. Retail diesel fuel price includes State and Federal taxes.

U.S. Energy Information Administration

Source: Short-Term Energy Outlook, October 2010

Henry Hub Natural Gas Price



Note: Confidence interval derived from options market information for the 5 trading days ending October 7, 2010
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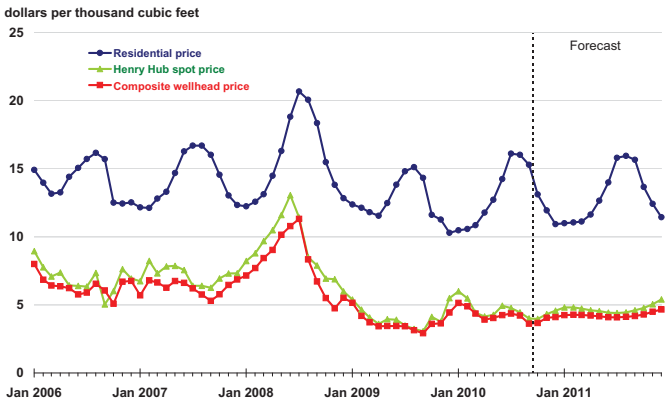
U.S. Energy Information Administration

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

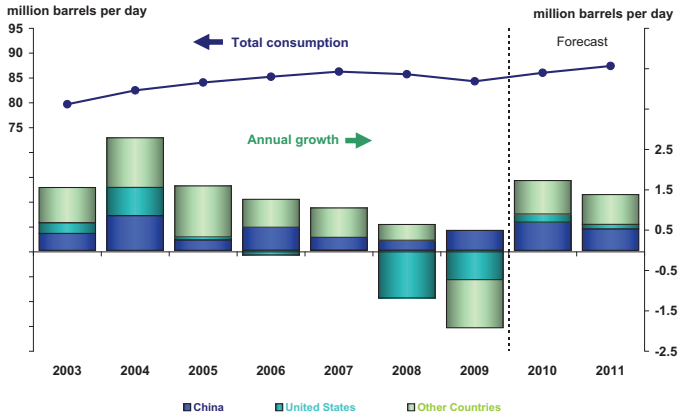
Natural Gas Prices



U.S. Energy Information Administration

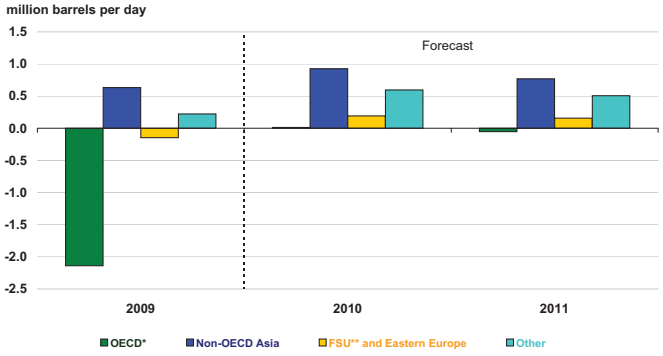
Source: Short-Term Energy Outlook, October 2010; Reuters News Service

World Liquid Fuels Consumption



Source: Short-Term Energy Outlook, October 2010

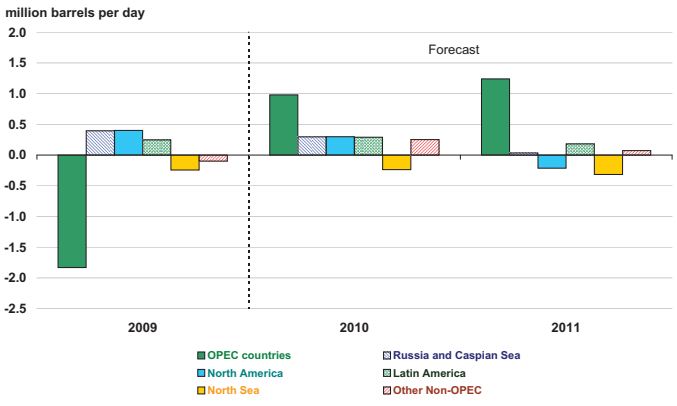
World Liquid Fuels Consumption Growth (change from previous year)



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

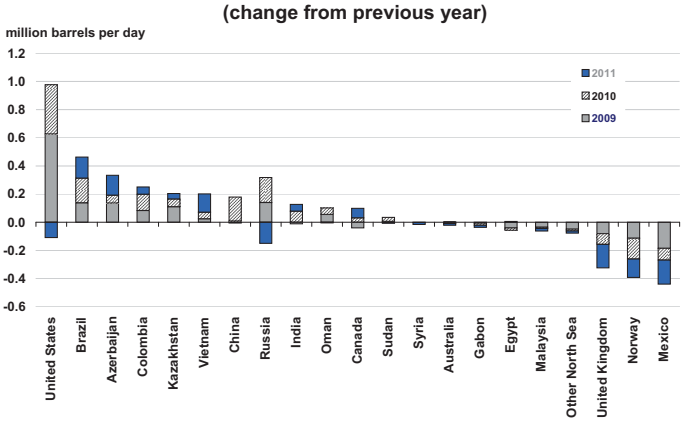
Source: Short-Term Energy Outlook, October 2010

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



Source: Short-Term Energy Outlook, October 2010

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



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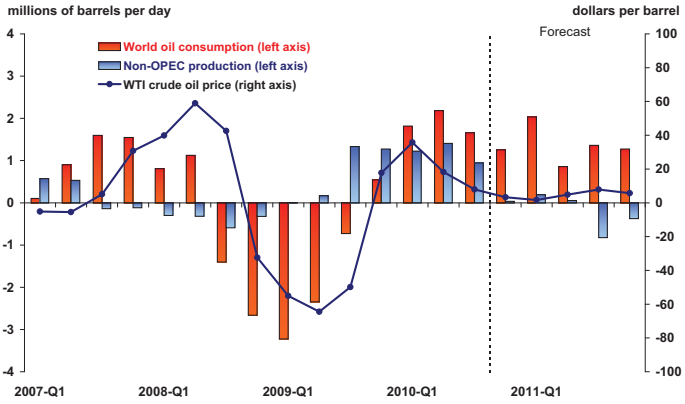
Source: Short-Term Energy Outlook, October 2010

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



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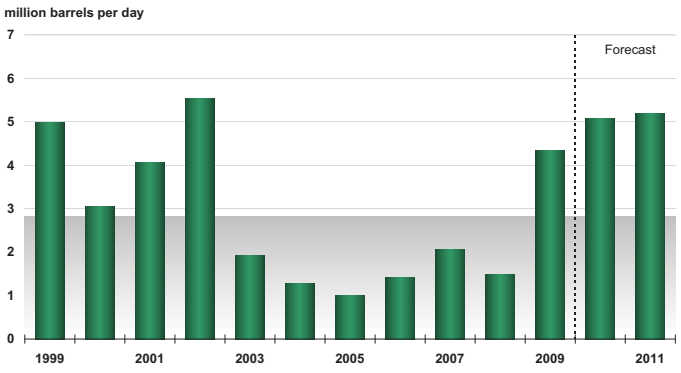
Source: Short-Term Energy Outlook, October 2010

OPEC Surplus Crude Oil Production Capacity



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

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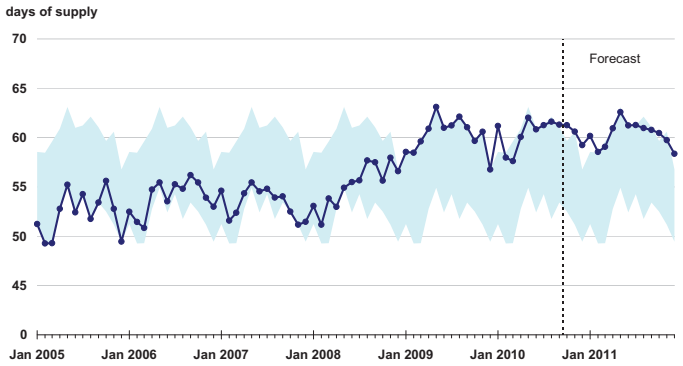
Source: Short-Term Energy Outlook, October 2010

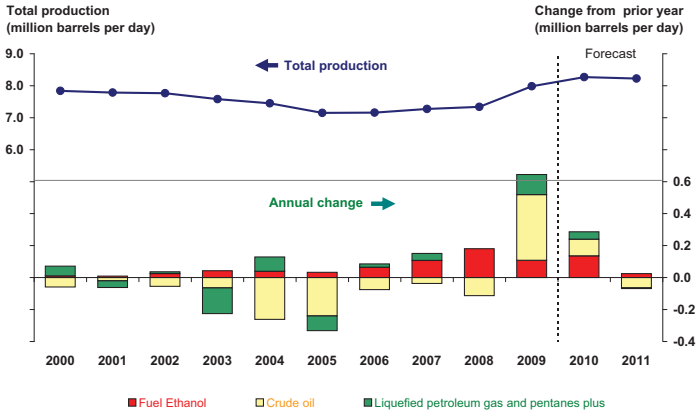
OECD Commercial Oil Stocks



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

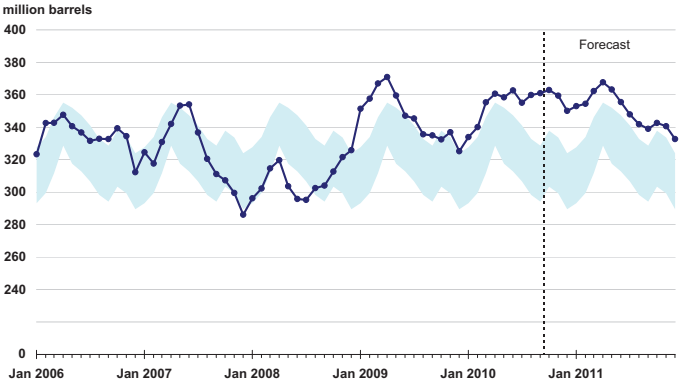
Source: Short-Term Energy Outlook, October 2010

U.S. Crude Oil and Liquid Fuels Production



Source: Short-Term Energy Outlook, October 2010

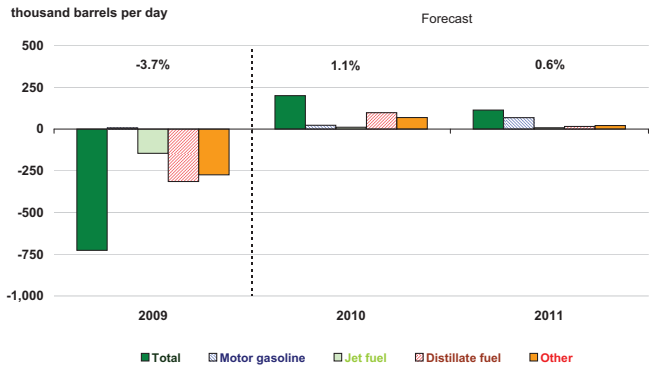
U.S. Crude Oil Stocks



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

Source: Short-Term Energy Outlook, October 2010

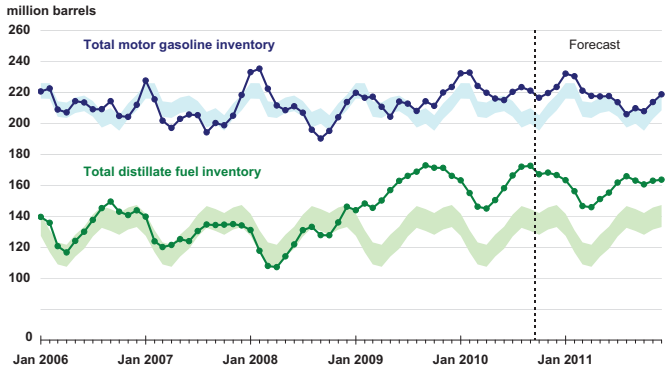
U.S. Liquid Fuels Consumption Growth
(change from previous year)



Note: Percent change labels refer to total petroleum products growth

Source: Short-Term Energy Outlook, October 2010

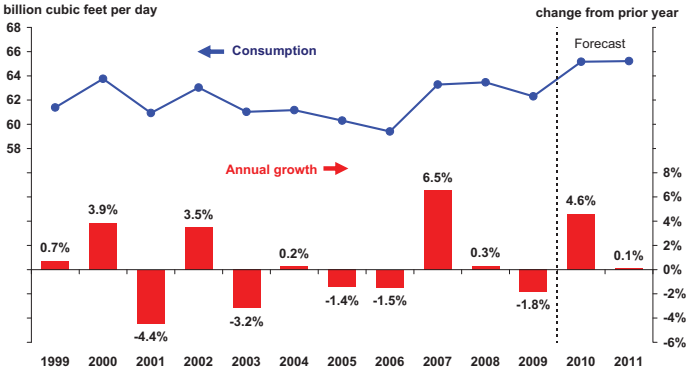
U.S. Gasoline and Distillate Inventories



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

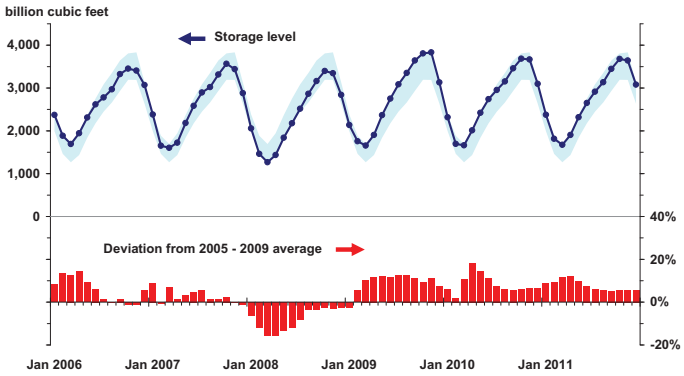
Source: Short-Term Energy Outlook, October 2010

U.S. Total Natural Gas Consumption



Source: Short-Term Energy Outlook, October 2010

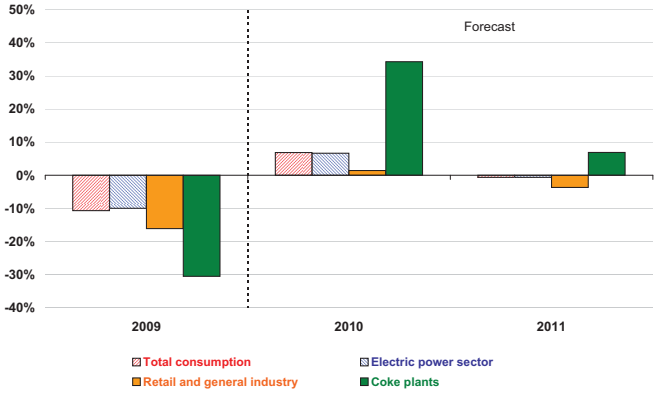
U.S. Working Natural Gas in Storage



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

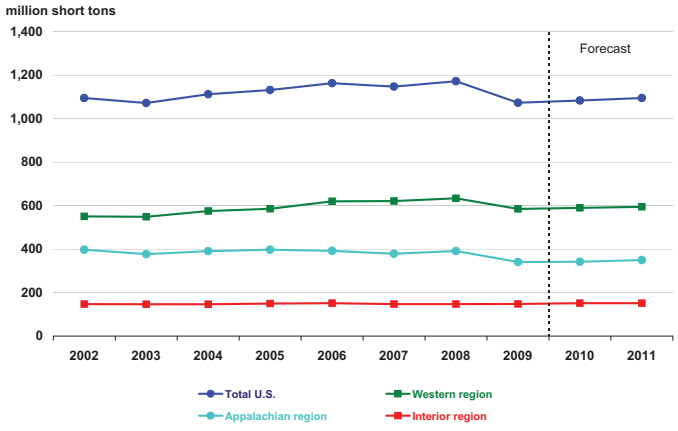
Source: Short-Term Energy Outlook, October 2010

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



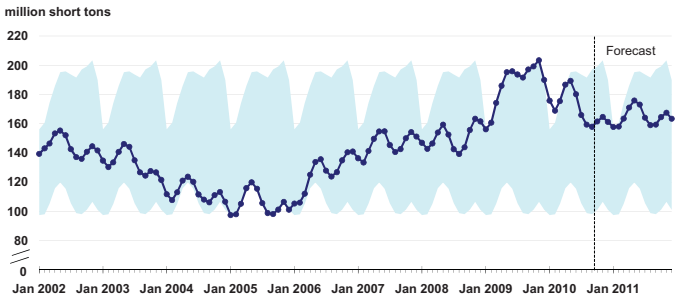
Source: Short-Term Energy Outlook, October 2010

U.S. Annual Coal Production



Source: Short-Term Energy Outlook, October 2010

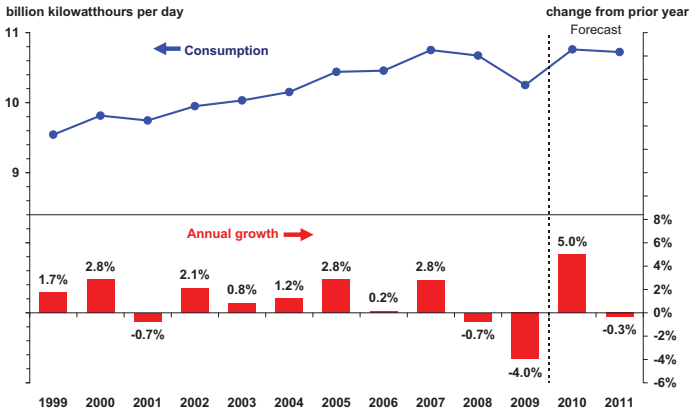
U.S. Electric Power Sector Coal Stocks



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

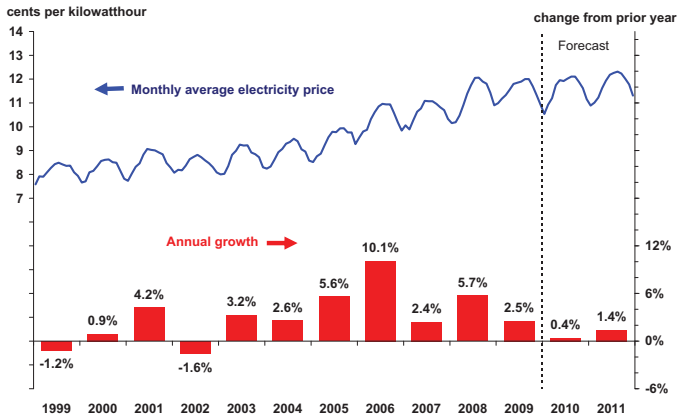
Source: Short-Term Energy Outlook, October 2010

U.S. Total Electricity Consumption



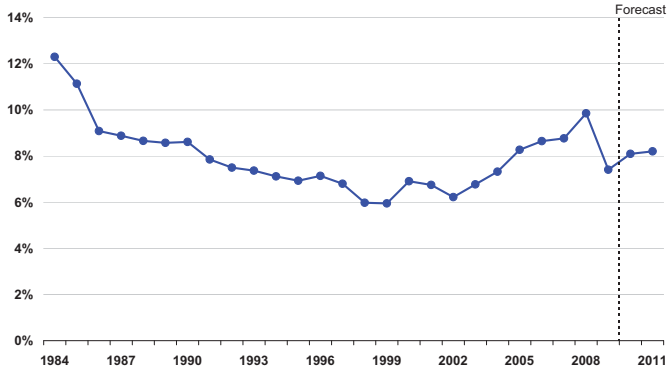
Source: Short-Term Energy Outlook, October 2010

U.S. Residential Electricity Price



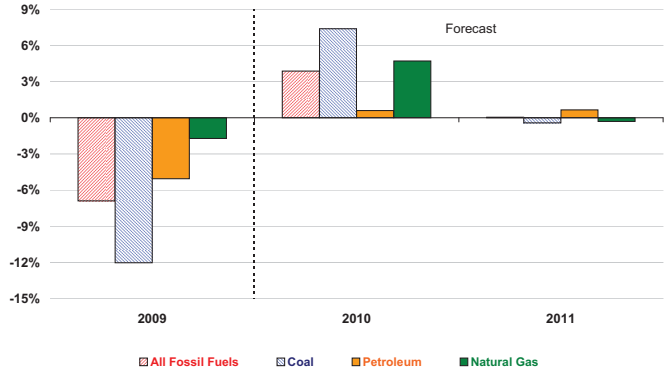
Source: Short-Term Energy Outlook, October 2010

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



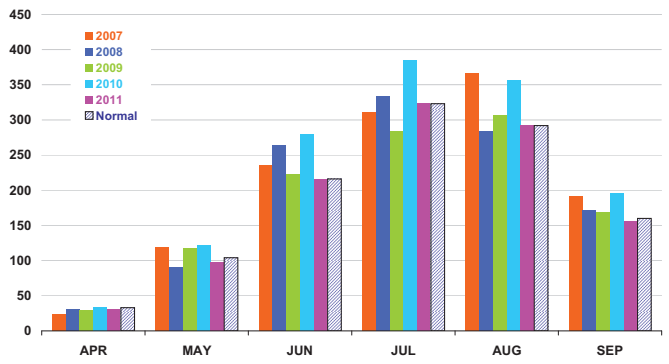
Source: Short-Term Energy Outlook, October 2010

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



Source: Short-Term Energy Outlook, October 2010

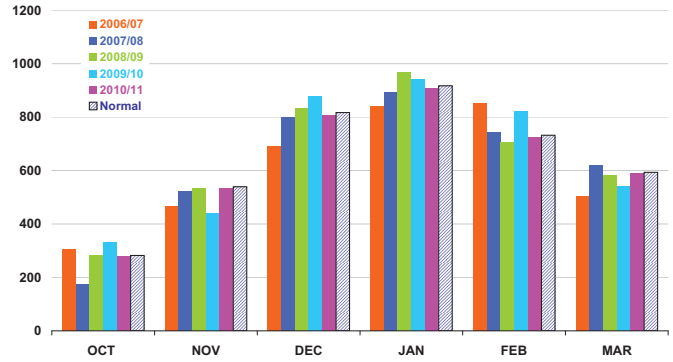
U.S. Summer Cooling Degree-Days (population-weighted)



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, October 2010

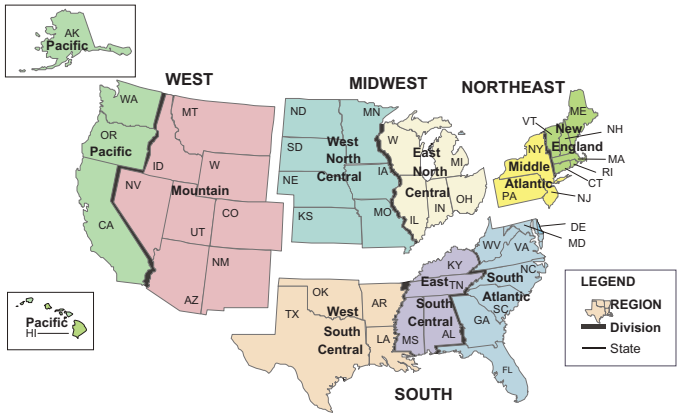
U.S. Winter Heating Degree-Days (population-weighted)



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, October 2010

U.S. Census Regions and Census Divisions



Source: Short-Term Energy Outlook, October 2010

Table WF01. Average Consumer Prices* and Expenditures for Heating Fuels During the Winter

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

Fuel / Region	Winter of							Forecast	
	04-05	05-06	06-07	07-08	08-09	Avg.04-09	09-10	10-11	% Change
Natural Gas									
Households (thousands)	56,106	56,367	56,594	56,676	56,887	56,526	57,347	58,020	1.2
Northeast									
Consumption (mcf**)	80.4	74.6	75.5	75.9	81.4	77.6	76.6	80.1	4.5
Price ($/mcf)	12.65	16.36	14.74	15.16	16.06	14.98	13.49	14.40	6.8
Expenditures ($)	1,017	1,221	1,112	1,151	1,307	1,162	1,033	1,153	11.6
Midwest									
Consumption (mcf)	81.4	78.7	81.1	84.8	87.5	82.7	84.9	84.5	-0.5
Price ($/mcf)	10.04	13.46	11.06	11.39	11.45	11.47	9.44	10.02	6.2
Expenditures ($)	818	1,059	897	966	1,002	948	801	846	5.6
South									
Consumption (mcf)	52.0	52.0	52.8	51.5	54.7	52.6	61.6	53.7	-12.8
Price ($/mcf)	12.18	16.48	13.56	14.15	14.08	14.09	11.53	12.82	11.2
Expenditures ($)	634	856	716	730	771	741	710	688	-3.1
West									
Consumption (mcf)	49.7	49.7	50.2	52.4	49.9	50.4	51.8	51.9	0.2
Price ($/mcf)	10.18	12.96	11.20	11.31	10.82	11.29	9.90	9.64	-2.6
Expenditures ($)	506	644	562	592	539	569	513	500	-2.5
U.S. Average									
Consumption (mcf)	66.0	64.1	65.3	66.8	68.8	66.2	69.2	67.9	-2.0
Price ($/mcf)	11.05	14.57	12.35	12.71	12.89	12.70	10.84	11.46	5.7
Expenditures ($)	729	934	806	849	887	841	751	778	3.6
Heating Oil									
Households (thousands)	9,056	8,710	8,490	8,179	7,906	8,468	7,750	7,525	-2.9
Northeast									
Consumption (gallons)	723.1	668.9	676.1	684.1	732.5	696.9	683.8	718.4	5.1
Price ($/gallon)	1.94	2.45	2.51	3.31	2.66	2.57	2.84	3.06	7.9
Expenditures ($)	1,401	1,641	1,696	2,267	1,950	1,791	1,942	2,201	13.3
Midwest									
Consumption (gallons)	538.7	517.5	536.3	564.3	585.9	548.5	564.4	561.7	-0.5
Price ($/gallon)	1.84	2.37	2.39	3.31	2.23	2.43	2.60	2.86	10.3
Expenditures ($)	991	1,227	1,280	1,870	1,304	1,334	1,466	1,608	9.7
South									
Consumption (gallons)	513.2	507.1	494.3	484.7	551.2	510.1	591.2	528.1	-10.7
Price ($/gallon)	1.95	2.46	2.38	3.34	2.57	2.53	2.85	3.07	8.0
Expenditures ($)	999	1,249	1,177	1,620	1,418	1,293	1,683	1,623	-3.5
West									
Consumption (gallons)	443.5	438.2	436.7	468.8	437.6	445.0	441.2	448.8	1.7
Price ($/gallon)	1.99	2.49	2.60	3.40	2.39	2.58	2.89	3.09	6.9
Expenditures ($)	883	1,091	1,134	1,593	1,046	1,149	1,276	1,388	8.7
U.S. Average									
Consumption (gallons)	692.1	648.4	653.9	662.3	709.0	673.2	673.3	695.0	3.2
Price ($/gallon)	1.93	2.45	2.49	3.32	2.63	2.56	2.83	3.06	8.0
Expenditures ($)	1,337	1,590	1,628	2,197	1,866	1,724	1,906	2,124	11.5

Table WF01. Average Consumer Prices* and Expenditures for Heating Fuels During the Winter

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

Fuel / Region	Winter of							Forecast	
	04-05	05-06	06-07	07-08	08-09	Avg.04-09	09-10	10-11	% Change
Propane									
Households (thousands)	6,775	6,559	6,354	6,036	5,813	6,307	5,675	5,500	-3.1
Northeast									
Consumption (gallons)	932.0	865.5	874.0	882.7	942.2	899.3	883.9	925.3	4.7
Price ($/gallon)	1.88	2.20	2.30	2.78	2.73	2.38	2.67	2.90	8.7
Expenditures ($)	1,751	1,903	2,006	2,454	2,568	2,136	2,356	2,682	13.8
Midwest									
Consumption (gallons)	900.3	872.6	900.5	944.8	969.3	917.5	949.2	939.9	-1.0
Price ($/gallon)	1.42	1.67	1.74	2.12	2.16	1.83	1.77	2.04	15.3
Expenditures ($)	1,282	1,453	1,569	2,004	2,098	1,681	1,682	1,920	14.1
South									
Consumption (gallons)	629.6	632.0	635.6	622.3	665.1	636.9	736.9	644.7	-12.5
Price ($/gallon)	1.79	2.11	2.16	2.66	2.53	2.25	2.42	2.61	7.9
Expenditures ($)	1,126	1,336	1,375	1,653	1,680	1,434	1,781	1,682	-5.6
West									
Consumption (gallons)	735.7	735.4	744.0	776.9	733.6	745.1	773.1	768.0	-0.7
Price ($/gallon)	1.78	2.08	2.16	2.64	2.32	2.20	2.32	2.57	11.0
Expenditures ($)	1,308	1,532	1,609	2,050	1,704	1,641	1,793	1,977	10.3
U.S. Average									
Consumption (gallons)	772.6	760.6	774.9	794.3	821.3	784.7	841.0	814.2	-3.2
Price ($/gallon)	1.65	1.95	2.01	2.45	2.38	2.09	2.18	2.42	11.0
Expenditures ($)	1,275	1,481	1,560	1,947	1,951	1,643	1,830	1,966	7.5
Electricity									
Households (thousands)	35,701	36,506	37,294	38,220	38,835	37,311	39,724	40,877	2.9
Northeast									
Consumption (kwh***)	9,625	9,146	9,209	9,256	9,690	9,385	9,291	9,575	3.1
Price ($/kwh)	0.117	0.133	0.139	0.144	0.152	0.137	0.153	0.155	1.6
Expenditures ($)	1,127	1,214	1,280	1,335	1,472	1,286	1,418	1,485	4.7
Midwest									
Consumption (kwh)	10,621	10,405	10,618	10,951	11,146	10,748	10,984	10,917	-0.6
Price ($/kwh)	0.077	0.081	0.085	0.089	0.097	0.086	0.098	0.099	1.1
Expenditures ($)	817	839	906	977	1,085	925	1,071	1,076	0.4
South									
Consumption (kwh)	7,993	7,974	7,992	7,915	8,210	8,017	8,644	8,110	-6.2
Price ($/kwh)	0.082	0.092	0.096	0.098	0.109	0.096	0.104	0.106	2.4
Expenditures ($)	652	736	769	779	893	766	895	860	-3.9
West									
Consumption (kwh)	7,888	7,866	7,897	8,106	7,862	7,924	8,031	8,035	0.1
Price ($/kwh)	0.092	0.097	0.102	0.104	0.107	0.100	0.112	0.112	-0.5
Expenditures ($)	726	761	808	840	843	796	901	898	-0.4
U.S. Average									
Consumption (kwh)	8,249	8,169	8,216	8,251	8,438	8,265	8,687	8,365	-3.7
Price ($/kwh)	0.088	0.096	0.101	0.104	0.112	0.100	0.110	0.112	1.9
Expenditures ($)	723	788	830	858	947	829	959	941	-1.9
Average Expenditures ($)	813	971	923	1,014	1,036	951	962	986	2.5
Heating Degree-Days									
Northeast	5,181	4,744	4,804	4,849	5,252	4,966	4,881	5,147	5.5
Midwest	5,354	5,145	5,334	5,620	5,827	5,456	5,633	5,596	-0.7
South	2,383	2,373	2,401	2,337	2,550	2,409	2,913	2,478	-14.9
West	2,927	2,919	2,946	3,119	2,920	2,966	3,062	3,073	0.4
U.S. Average	3,723	3,586	3,657	3,746	3,904	3,723	3,949	3,839	-2.8

Note: Winter covers the period October 1 through March 31. Fuel consumption per household is based only on households that use that fuel as the primary space-heating fuel. Included in fuel consumption is consumption for water heating, appliances, and lighting (electricity). Per household consumption based on an average of EIA 2001 and 2005 Residential Energy Consumption Surveys corrected for actual and projected heating degree-days.

* Prices include taxes

** thousand cubic feet

*** kilowatthour

Table 1. U.S. Energy Markets Summary

Energy Information Administration/Short-Term Energy Outlook - October 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**	**5.48**	**5.47**	*5.45*	*5.47*	*5.46*	*5.35*	*5.33*	**5.36**	*5.46*	*5.40*
Dry Natural Gas Production															
(billion cubic feet per day)	**58.11**	**57.63**	**56.84**	**57.08**	**58.36**	**59.00**	**58.96**	*58.10*	*58.19*	*58.01*	*57.47*	*57.22*	**57.41**	*58.61*	*57.72*
Coal Production															
(million short tons)	**281**	**263**	**269**	**260**	**265**	**265**	**273**	*279*	*271*	*266*	*283*	*275*	**1,073**	*1,083*	*1,094*
Energy Consumption															
Liquid Fuels															
(million barrels per day)	**18.86**	**18.57**	**18.72**	**18.93**	**18.82**	**19.01**	**19.13**	*18.92*	*19.11*	*19.11*	*19.11*	*19.01*	**18.77**	*18.97*	*19.09*
Natural Gas															
(billion cubic feet per day)	**79.55**	**52.33**	**53.69**	**63.91**	**83.40**	**54.56**	**57.45**	*65.51*	*81.95*	*55.66*	*57.20*	*66.33*	**62.30**	*65.16*	*65.22*
Coal (b)															
(million short tons)	**255**	**231**	**260**	**253**	**265**	**248**	**291**	*265*	*269*	*246*	*286*	*261*	**1,000**	*1,069*	*1,062*
Electricity															
(billion kilowatt hours per day)	**10.31**	**9.67**	**11.21**	**9.80**	**10.72**	**10.10**	**12.12**	*10.09*	*10.56*	*10.19*	*11.97*	*10.16*	**10.25**	*10.76*	*10.72*
Renewables (c)															
(quadrillion Btu)	**1.70**	**1.94**	**1.71**	**1.83**	**1.79**	**1.97**	**1.82**	*1.68*	*1.89*	*2.09*	*1.92*	*1.90*	**7.18**	*7.26*	*7.80*
Total Energy Consumption (d)															
(quadrillion Btu)	**25.18**	**22.32**	**23.21**	**24.01**	**25.75**	**23.02**	**24.65**	*24.34*	*25.92*	*23.45*	*24.52*	*24.60*	**94.72**	*97.77*	*98.48*
Energy Prices															
Crude Oil (e)															
(dollars per barrel)	**40.45**	**56.90**	**66.43**	**73.14**	**75.88**	**75.34**	**74.24**	*77.50*	*78.35*	*80.68*	*82.00*	*83.00*	**59.36**	*75.71*	*81.04*
Natural Gas Wellhead															
(dollars per thousand cubic feet)	**4.36**	**3.44**	**3.17**	**3.89**	**4.79**	**4.07**	**4.07**	*3.94*	*4.26*	*4.16*	*4.13*	*4.49*	**3.72**	*4.22*	*4.26*
Coal															
(dollars per million Btu)	**2.26**	**2.23**	**2.20**	**2.15**	**2.27**	**2.27**	**2.27**	*2.25*	*2.26*	*2.25*	*2.23*	*2.19*	**2.21**	*2.26*	*2.23*
Macroeconomic															
Real Gross Domestic Product															
(billion chained 2005 dollars - SAAR)	**12,833**	**12,810**	**12,861**	**13,019**	**13,139**	**13,192**	**13,236**	*13,294*	*13,370*	*13,441*	*13,527*	*13,652*	**12,881**	*13,215*	*13,498*
Percent change from prior year	**-3.8**	**-4.1**	**-2.7**	**0.2**	**2.4**	**3.0**	**2.9**	*2.1*	*1.8*	*1.9*	*2.2*	*2.7*	**-2.6**	*2.6*	*2.1*
GDP Implicit Price Deflator															
(Index, 2005=100)	**109.5**	**109.6**	**109.8**	**109.7**	**110.0**	**110.5**	**110.7**	*111.0*	*111.7*	*111.8*	*112.1*	*112.6*	**109.6**	*110.5*	*112.0*
Percent change from prior year	**1.9**	**1.2**	**0.2**	**0.5**	**0.5**	**0.8**	**0.9**	*1.1*	*1.5*	*1.2*	*1.2*	*1.5*	**0.9**	*0.8*	*1.4*
Real Disposable Personal Income															
(billion chained 2005 dollars - SAAR)	**10,047**	**10,193**	**10,080**	**10,080**	**10,113**	**10,222**	**10,273**	*10,294*	*10,275*	*10,343*	*10,388*	*10,436*	**10,100**	*10,226*	*10,360*
Percent change from prior year	**0.8**	**0.0**	**1.1**	**0.4**	**0.7**	**0.3**	**1.9**	*2.1*	*1.6*	*1.2*	*1.1*	*1.4*	**0.6**	*1.2*	*1.3*
Manufacturing Production Index															
(Index, 2007=100)	**85.2**	**83.3**	**85.5**	**87.0**	**88.5**	**90.3**	**91.4**	*92.0*	*92.8*	*93.6*	*94.6*	*95.8*	**85.2**	*90.5*	*94.2*
Percent change from prior year	**-14.5**	**-14.7**	**-10.0**	**-3.7**	**3.9**	**8.4**	**6.9**	*5.7*	*4.9*	*3.7*	*3.5*	*4.2*	**-10.9**	*6.2*	*4.1*
Weather															
U.S. Heating Degree-Days	**2,257**	**502**	**86**	**1,648**	**2,301**	**436**	**68**	*1,618*	*2,221*	*542*	*100*	*1,634*	**4,494**	*4,423*	*4,497*
U.S. Cooling Degree-Days	**31**	**367**	**759**	**70**	**10**	**434**	**937**	*79*	*37*	*344*	*771*	*77*	**1,228**	*1,460*	*1,229*

- = 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 - October 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**	**76.12**	*79.33*	*80.33*	*82.67*	*84.00*	*85.00*	**61.66**	*77.97*	*83.00*
Imported Average	**40.48**	**57.50**	**66.38**	**73.04**	**75.28**	**74.33**	**73.58**	*76.52*	*77.36*	*79.67*	*81.00*	*82.00*	**59.04**	*74.88*	*80.06*
Refiner Average Acquisition Cost	**40.45**	**56.90**	**66.43**	**73.14**	**75.88**	**75.34**	**74.24**	*77.50*	*78.35*	*80.68*	*82.00*	*83.00*	**59.36**	*75.71*	*81.04*
Liquid Fuels (cents per gallon)															
Refiner Prices for Resale															
Gasoline	**133**	**176**	**194**	**200**	**211**	**218**	**210**	*211*	*220*	*235*	*236*	*226*	**176**	*213*	*229*
Diesel Fuel	**141**	**163**	**186**	**202**	**211**	**220**	**213**	*225*	*227*	*237*	*240*	*242*	**173**	*217*	*237*
Heating Oil	**145**	**151**	**175**	**197**	**205**	**212**	**204**	*219*	*222*	*225*	*228*	*235*	**166**	*210*	*227*
Refiner Prices to End Users															
Jet Fuel	**137**	**159**	**184**	**200**	**210**	**219**	**214**	*223*	*227*	*234*	*238*	*241*	**171**	*217*	*235*
No. 6 Residual Fuel Oil (a)	**104**	**122**	**151**	**165**	**172**	**170**	**168**	*179*	*183*	*186*	*188*	*194*	**133**	*172*	*188*
Propane to Petrochemical Sector	**68**	**72**	**86**	**109**	**123**	**109**	**106**	*117*	*116*	*111*	*110*	*117*	**86**	*115*	*114*
Retail Prices Including Taxes															
Gasoline Regular Grade (b)	**189**	**232**	**257**	**260**	**271**	**281**	**272**	*274*	*280*	*296*	*300*	*290*	**235**	*274*	*292*
Gasoline All Grades (b)	**194**	**237**	**262**	**266**	**277**	**286**	**277**	*279*	*285*	*301*	*305*	*295*	**240**	*280*	*297*
On-highway Diesel Fuel	**220**	**233**	**260**	**274**	**285**	**303**	**294**	*302*	*304*	*314*	*318*	*322*	**246**	*296*	*314*
Heating Oil	**247**	**235**	**243**	**273**	**290**	**288**	**277**	*301*	*309*	*301*	*300*	*320*	**252**	*292*	*310*
Propane	**235**	**213**	**184**	**195**	**234**	**239**	**214**	*235*	*246*	*239*	*214*	*236*	**213**	*232*	*238*
Natural Gas															
Average Wellhead (dollars per thousand cubic feet)	**4.36**	**3.44**	**3.17**	**3.89**	**4.79**	**4.07**	**4.07**	*3.94*	*4.26*	*4.16*	*4.13*	*4.49*	**3.72**	*4.22*	*4.26*
Henry Hub Spot (dollars per thousand cubic feet)	**4.71**	**3.82**	**3.26**	**4.47**	**5.30**	**4.45**	**4.41**	*4.29*	*4.79*	*4.53*	*4.48*	*5.08*	**4.06**	*4.61*	*4.72*
Henry Hub Spot (dollars per Million Btu)	**4.57**	**3.71**	**3.17**	**4.34**	**5.14**	**4.32**	**4.28**	*4.16*	*4.65*	*4.40*	*4.35*	*4.93*	**3.95**	*4.47*	*4.58*
End-Use Prices (dollars per thousand cubic feet)															
Industrial Sector	**6.53**	**4.63**	**4.25**	**5.43**	**6.58**	**5.02**	**5.40**	*5.47*	*6.24*	*5.58*	*5.50*	*6.22*	**5.28**	*5.64*	*5.91*
Commercial Sector	**10.74**	**9.37**	**9.41**	**8.91**	**9.31**	**9.26**	**9.74**	*9.35*	*9.56*	*9.29*	*9.76*	*9.85*	**9.84**	*9.36*	*9.62*
Residential Sector	**12.15**	**12.25**	**14.76**	**10.80**	**10.61**	**12.58**	**15.81**	*11.58*	*11.06*	*12.38*	*15.80*	*12.09*	**11.96**	*11.54*	*11.91*
Electricity															
Power Generation Fuel Costs (dollars per million Btu)															
Coal	**2.26**	**2.23**	**2.20**	**2.15**	**2.27**	**2.27**	**2.27**	*2.25*	*2.26*	*2.25*	*2.23*	*2.19*	**2.21**	*2.26*	*2.23*
Natural Gas	**5.45**	**4.43**	**4.07**	**5.18**	**6.06**	**4.89**	**5.11**	*4.99*	*5.45*	*5.17*	*5.17*	*5.56*	**4.69**	*5.22*	*5.32*
Residual Fuel Oil (c)	**6.80**	**8.26**	**10.65**	**11.24**	**11.74**	**11.96**	**11.27**	*11.78*	*12.15*	*12.51*	*12.61*	*12.79*	**8.85**	*11.64*	*12.50*
Distillate Fuel Oil	**11.10**	**12.30**	**14.59**	**15.55**	**15.70**	**16.29**	**16.26**	*17.15*	*17.34*	*17.61*	*17.96*	*18.31*	**13.10**	*16.29*	*17.78*
End-Use Prices (cents per kilowatthour)															
Industrial Sector	**6.85**	**6.91**	**7.07**	**6.55**	**6.53**	**6.76**	**7.21**	*6.71*	*6.43*	*6.71*	*7.18*	*6.71*	**6.84**	*6.81*	*6.77*
Commercial Sector	**10.09**	**10.20**	**10.58**	**9.92**	**9.83**	**10.22**	**10.76**	*10.28*	*9.96*	*10.40*	*10.86*	*10.33*	**10.21**	*10.30*	*10.41*
Residential Sector	**11.15**	**11.74**	**11.96**	**11.29**	**10.86**	**11.88**	**12.07**	*11.52*	*11.03*	*11.94*	*12.27*	*11.67*	**11.55**	*11.59*	*11.75*

- = 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 - October 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**	**21.34**	**21.35**	**21.27**	**21.05**	*20.79*	*20.91*	*20.72*	*20.22*	*20.31*	**21.06**	*21.11*	*20.54*
U.S. (50 States)	**8.77**	**9.09**	**9.32**	**9.38**	**9.46**	**9.56**	**9.54**	*9.41*	*9.41*	*9.47*	*9.37*	*9.28*	**9.14**	*9.49*	*9.38*
Canada	**3.39**	**3.11**	**3.32**	**3.36**	**3.29**	**3.30**	**3.35**	*3.37*	*3.44*	*3.36*	*3.36*	*3.42*	**3.29**	*3.33*	*3.39*
Mexico	**3.06**	**2.99**	**2.96**	**2.98**	**3.02**	**2.99**	**2.87**	*2.80*	*2.81*	*2.82*	*2.70*	*2.66*	**3.00**	*2.92*	*2.75*
North Sea (b)	**4.40**	**4.02**	**3.81**	**4.07**	**4.08**	**3.89**	**3.72**	*3.67*	*3.74*	*3.58*	*3.29*	*3.49*	**4.07**	*3.84*	*3.52*
Other OECD	**1.54**	**1.53**	**1.56**	**1.55**	**1.51**	**1.53**	**1.58**	*1.54*	*1.52*	*1.51*	*1.49*	*1.46*	**1.55**	*1.54*	*1.49*
Non-OECD	**62.35**	**62.92**	**63.76**	**64.04**	**64.55**	**64.90**	**65.43**	*65.50*	*66.21*	*66.72*	*67.02*	*66.73*	**63.28**	*65.10*	*66.67*
OPEC	**33.36**	**33.59**	**34.24**	**34.28**	**34.51**	**34.69**	**35.06**	*35.15*	*35.53*	*35.91*	*36.63*	*36.28*	**33.87**	*34.85*	*36.09*
Crude Oil Portion	**28.88**	**28.86**	**29.32**	**29.32**	**29.40**	**29.37**	**29.49**	*29.42*	*29.58*	*29.78*	*30.47*	*30.08*	**29.10**	*29.42*	*29.98*
Other Liquids	**4.49**	**4.74**	**4.92**	**4.96**	**5.11**	**5.32**	**5.57**	*5.73*	*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**	**13.16**	**13.23**	*13.19*	*13.26*	*13.28*	*13.11*	*13.12*	**12.90**	*13.17*	*13.19*
China	**3.93**	**3.99**	**4.02**	**4.03**	**4.16**	**4.20**	**4.19**	*4.10*	*4.12*	*4.18*	*4.14*	*4.18*	**3.99**	*4.16*	*4.16*
Other Non-OECD	**12.45**	**12.46**	**12.51**	**12.62**	**12.78**	**12.85**	**12.96**	*13.06*	*13.30*	*13.35*	*13.13*	*13.15*	**12.51**	*12.91*	*13.23*
Total World Supply	**83.53**	**83.67**	**84.73**	**85.38**	**85.90**	**86.17**	**86.49**	*86.29*	*87.12*	*87.45*	*87.23*	*87.05*	**84.33**	*86.21*	*87.21*
Non-OPEC Supply	**50.17**	**50.07**	**50.49**	**51.11**	**51.39**	**51.48**	**51.43**	*51.14*	*51.59*	*51.53*	*50.60*	*50.77*	**50.46**	*51.36*	*51.12*
Consumption (million barrels per day) (c)															
OECD	**46.39**	**44.47**	**44.97**	**45.86**	**45.76**	**44.96**	**45.20**	*45.82*	*46.06*	*44.62*	*45.11*	*45.74*	**45.42**	*45.43*	*45.38*
U.S. (50 States)	**18.86**	**18.57**	**18.72**	**18.93**	**18.82**	**19.01**	**19.14**	*18.91*	*19.11*	*19.12*	*19.12*	*19.00*	**18.77**	*18.97*	*19.08*
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**	**2.18**	**2.23**	**2.21**	*2.26*	*2.27*	*2.19*	*2.30*	*2.29*	**2.15**	*2.22*	*2.26*
Europe	**14.89**	**14.27**	**14.46**	**14.35**	**14.17**	**14.01**	**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**	**4.00**	**3.92**	*4.29*	*4.58*	*3.80*	*3.82*	*4.18*	**4.37**	*4.25*	*4.09*
Other OECD	**5.45**	**5.25**	**5.25**	**5.54**	**5.55**	**5.43**	**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**	**39.69**	**41.22**	**41.02**	*40.56*	*41.43*	*42.42*	*42.47*	*41.91*	**38.91**	*40.63*	*42.06*
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**	**8.88**	**9.31**	**8.89**	*9.00*	*9.46*	*9.70*	*9.57*	*9.48*	**8.32**	*9.02*	*9.55*
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**	**85.45**	**86.18**	**86.22**	*86.37*	*87.49*	*87.04*	*87.58*	*87.64*	**84.33**	*86.06*	*87.44*
Inventory Net Withdrawals (million barrels per day)															
U.S. (50 States)	**-0.73**	**-0.46**	**-0.04**	**0.78**	**-0.03**	**-0.65**	**-0.37**	*0.58*	*0.26*	*-0.39*	*-0.04*	*0.42*	**-0.11**	*-0.12*	*0.06*
Other OECD	**-0.06**	**0.23**	**-0.20**	**0.46**	**-0.20**	**-0.15**	**0.04**	*-0.20*	*0.04*	*-0.01*	*0.15*	*0.07*	**0.11**	*-0.13*	*0.06*
Other Stock Draws and Balance	**0.90**	**0.55**	**0.08**	**-1.51**	**-0.22**	**0.81**	**0.06**	*-0.30*	*0.06*	*-0.01*	*0.24*	*0.11*	**0.00**	*0.09*	*0.10*
Total Stock Draw	**0.10**	**0.32**	**-0.17**	**-0.27**	**-0.45**	**0.01**	**-0.27**	*0.08*	*0.37*	*-0.41*	*0.35*	*0.60*	**0.00**	*-0.16*	*0.23*
End-of-period Inventories (million barrels)															
U.S. Commercial Inventory	**1,090**	**1,120**	**1,123**	**1,050**	**1,053**	**1,112**	**1,147**	*1,093*	*1,070*	*1,105*	*1,109*	*1,070*	**1,050**	*1,093*	*1,070*
OECD Commercial Inventory	**2,743**	**2,750**	**2,770**	**2,655**	**2,672**	**2,750**	**2,781**	*2,746*	*2,719*	*2,755*	*2,746*	*2,700*	**2,655**	*2,746*	*2,700*

- = 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 - October 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**	**15.85**	**15.76**	*15.58*	*15.65*	*15.64*	*15.43*	*15.37*	**15.44**	*15.73*	*15.52*
Canada	**3.39**	**3.11**	**3.32**	**3.36**	**3.29**	**3.30**	**3.35**	*3.37*	*3.44*	*3.36*	*3.36*	*3.42*	**3.29**	*3.33*	*3.39*
Mexico	**3.06**	**2.99**	**2.96**	**2.98**	**3.02**	**2.99**	**2.87**	*2.80*	*2.81*	*2.82*	*2.70*	*2.66*	**3.00**	*2.92*	*2.75*
United States	**8.77**	**9.09**	**9.32**	**9.38**	**9.46**	**9.56**	**9.54**	*9.41*	*9.41*	*9.47*	*9.37*	*9.28*	**9.14**	*9.49*	*9.38*
Central and South America	**4.45**	**4.48**	**4.50**	**4.62**	**4.72**	**4.79**	**4.82**	*4.87*	*4.98*	*5.03*	*4.96*	*4.98*	**4.51**	*4.80*	*4.98*
Argentina	**0.82**	**0.81**	**0.77**	**0.79**	**0.80**	**0.79**	**0.79**	*0.78*	*0.78*	*0.78*	*0.77*	*0.76*	**0.80**	*0.79*	*0.77*
Brazil	**2.52**	**2.55**	**2.58**	**2.63**	**2.68**	**2.75**	**2.76**	*2.81*	*2.90*	*2.94*	*2.87*	*2.88*	**2.57**	*2.75*	*2.90*
Colombia	**0.65**	**0.67**	**0.68**	**0.74**	**0.77**	**0.79**	**0.81**	*0.83*	*0.84*	*0.85*	*0.85*	*0.88*	**0.69**	*0.80*	*0.85*
Other Central and S. America	**0.46**	**0.45**	**0.46**	**0.46**	**0.47**	**0.46**	**0.46**	*0.46*	*0.46*	*0.46*	*0.46*	*0.46*	**0.46**	*0.46*	*0.46*
Europe	**5.26**	**4.89**	**4.67**	**4.93**	**4.92**	**4.76**	**4.58**	*4.52*	*4.57*	*4.40*	*4.10*	*4.30*	**4.94**	*4.69*	*4.34*
Norway	**2.53**	**2.21**	**2.29**	**2.38**	**2.32**	**2.19**	**2.15**	*2.16*	*2.17*	*2.09*	*1.97*	*2.06*	**2.35**	*2.20*	*2.07*
United Kingdom (offshore)	**1.55**	**1.51**	**1.22**	**1.41**	**1.46**	**1.41**	**1.29**	*1.23*	*1.29*	*1.20*	*1.06*	*1.17*	**1.42**	*1.35*	*1.18*
Other North Sea	**0.32**	**0.30**	**0.30**	**0.28**	**0.30**	**0.29**	**0.29**	*0.28*	*0.28*	*0.28*	*0.27*	*0.26*	**0.30**	*0.29*	*0.27*
FSU and Eastern Europe	**12.60**	**12.88**	**12.99**	**13.12**	**13.11**	**13.16**	**13.23**	*13.19*	*13.26*	*13.28*	*13.11*	*13.12*	**12.90**	*13.17*	*13.19*
Azerbaijan	**0.93**	**1.07**	**1.04**	**1.01**	**1.00**	**1.05**	**1.08**	*1.13*	*1.22*	*1.23*	*1.20*	*1.19*	**1.01**	*1.07*	*1.21*
Kazakhstan	**1.49**	**1.51**	**1.55**	**1.62**	**1.61**	**1.57**	**1.62**	*1.59*	*1.63*	*1.64*	*1.63*	*1.64*	**1.54**	*1.59*	*1.63*
Russia	**9.77**	**9.88**	**9.99**	**10.08**	**10.10**	**10.14**	**10.13**	*10.07*	*10.02*	*10.02*	*9.90*	*9.91*	**9.93**	*10.11*	*9.96*
Turkmenistan	**0.19**	**0.20**	**0.20**	**0.20**	**0.20**	**0.21**	**0.21**	*0.21*	*0.21*	*0.21*	*0.21*	*0.21*	**0.20**	*0.21*	*0.21*
Other FSU/Eastern Europe	**0.42**	**0.42**	**0.41**	**0.41**	**0.41**	**0.40**	**0.40**	*0.40*	*0.40*	*0.39*	*0.39*	*0.38*	**0.42**	*0.40*	*0.39*
Middle East	**1.53**	**1.55**	**1.58**	**1.57**	**1.59**	**1.58**	**1.57**	*1.57*	*1.57*	*1.56*	*1.53*	*1.53*	**1.56**	*1.58*	*1.55*
Oman	**0.79**	**0.80**	**0.84**	**0.84**	**0.86**	**0.86**	**0.87**	*0.86*	*0.86*	*0.86*	*0.85*	*0.85*	**0.82**	*0.86*	*0.86*
Syria	**0.40**	**0.40**	**0.40**	**0.40**	**0.40**	**0.40**	**0.40**	*0.39*	*0.39*	*0.39*	*0.38*	*0.38*	**0.40**	*0.40*	*0.39*
Yemen	**0.29**	**0.29**	**0.29**	**0.28**	**0.27**	**0.26**	**0.26**	*0.26*	*0.26*	*0.25*	*0.25*	*0.25*	**0.29**	*0.26*	*0.25*
Asia and Oceania	**8.47**	**8.48**	**8.55**	**8.55**	**8.68**	**8.73**	**8.89**	*8.86*	*8.95*	*8.98*	*8.88*	*8.89*	**8.51**	*8.79*	*8.93*
Australia	**0.59**	**0.58**	**0.60**	**0.59**	**0.56**	**0.55**	**0.61**	*0.59*	*0.58*	*0.57*	*0.57*	*0.54*	**0.59**	*0.58*	*0.57*
China	**3.93**	**3.99**	**4.02**	**4.03**	**4.16**	**4.20**	**4.19**	*4.10*	*4.12*	*4.18*	*4.14*	*4.18*	**3.99**	*4.16*	*4.16*
India	**0.87**	**0.88**	**0.87**	**0.89**	**0.91**	**0.92**	**0.99**	*1.00*	*1.02*	*1.02*	*0.99*	*0.99*	**0.88**	*0.96*	*1.01*
Indonesia	**1.04**	**1.02**	**1.02**	**1.02**	**1.02**	**1.04**	**1.02**	*1.03*	*1.03*	*1.03*	*1.02*	*1.02*	**1.02**	*1.03*	*1.03*
Malaysia	**0.71**	**0.70**	**0.70**	**0.67**	**0.68**	**0.67**	**0.69**	*0.70*	*0.69*	*0.67*	*0.66*	*0.64*	**0.69**	*0.68*	*0.67*
Vietnam	**0.32**	**0.34**	**0.35**	**0.34**	**0.35**	**0.35**	**0.39**	*0.45*	*0.51*	*0.51*	*0.51*	*0.53*	**0.34**	*0.38*	*0.52*
Africa	**2.61**	**2.61**	**2.60**	**2.60**	**2.61**	**2.61**	**2.57**	*2.55*	*2.61*	*2.65*	*2.60*	*2.59*	**2.61**	*2.59*	*2.61*
Egypt	**0.69**	**0.69**	**0.68**	**0.67**	**0.66**	**0.66**	**0.66**	*0.66*	*0.66*	*0.68*	*0.67*	*0.67*	**0.68**	*0.66*	*0.67*
Equatorial Guinea	**0.35**	**0.35**	**0.34**	**0.34**	**0.33**	**0.33**	**0.32**	*0.31*	*0.32*	*0.32*	*0.31*	*0.31*	**0.35**	*0.32*	*0.32*
Gabon	**0.25**	**0.24**	**0.24**	**0.24**	**0.23**	**0.23**	**0.23**	*0.22*	*0.22*	*0.21*	*0.21*	*0.20*	**0.24**	*0.23*	*0.21*
Sudan	**0.46**	**0.48**	**0.50**	**0.50**	**0.51**	**0.52**	**0.52**	*0.51*	*0.51*	*0.51*	*0.50*	*0.50*	**0.49**	*0.52*	*0.51*
Total non-OPEC liquids	**50.17**	**50.07**	**50.49**	**51.11**	**51.39**	**51.48**	**51.43**	*51.14*	*51.59*	*51.53*	*50.60*	*50.77*	**50.46**	*51.36*	*51.12*
OPEC non-crude liquids	**4.49**	**4.74**	**4.92**	**4.96**	**5.11**	**5.32**	**5.57**	*5.73*	*5.95*	*6.13*	*6.15*	*6.20*	**4.78**	*5.43*	*6.11*
Non-OPEC + OPEC non-crude	**54.65**	**54.81**	**55.41**	**56.07**	**56.50**	**56.80**	**57.00**	*56.87*	*57.54*	*57.67*	*56.76*	*56.97*	**55.24**	*56.79*	*57.23*

- = 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 - October 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**	**1.35**	-	-	-	-	-	**1.33**	-	-
Angola	**1.78**	**1.75**	**1.84**	**1.90**	**1.97**	**1.94**	**1.86**	-	-	-	-	-	**1.82**	-	-
Ecudaor	**0.50**	**0.49**	**0.48**	**0.47**	**0.47**	**0.48**	**0.46**	-	-	-	-	-	**0.49**	-	-
Iran	**3.77**	**3.80**	**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**	**2.32**	-	-	-	-	-	**2.37**	-	-
Kuwait	**2.30**	**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**	-	-	-	-	-	**1.65**	-	-
Nigeria	**1.82**	**1.73**	**1.71**	**1.96**	**2.03**	**1.95**	**2.07**	-	-	-	-	-	**1.80**	-	-
Qatar	**0.82**	**0.83**	**0.84**	**0.85**	**0.84**	**0.85**	**0.85**	-	-	-	-	-	**0.83**	-	-
Saudi Arabia	**8.07**	**8.13**	**8.40**	**8.27**	**8.20**	**8.30**	**8.43**	-	-	-	-	-	**8.22**	-	-
United Arab Emirates	**2.30**	**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**	**2.10**	-	-	-	-	-	**2.20**	-	-
OPEC Total	**28.88**	**28.86**	**29.32**	**29.32**	**29.40**	**29.37**	**29.49**	*29.42*	*29.58*	*29.78*	*30.47*	*30.08*	**29.10**	*29.42*	*29.98*
Other Liquids	**4.49**	**4.74**	**4.92**	**4.96**	**5.11**	**5.32**	**5.57**	*5.73*	*5.95*	*6.13*	*6.15*	*6.20*	**4.78**	*5.43*	*6.11*
Total OPEC Supply	**33.36**	**33.59**	**34.24**	**34.28**	**34.51**	**34.69**	**35.06**	*35.15*	*35.53*	*35.91*	*36.63*	*36.28*	**33.87**	*34.85*	*36.09*
Crude Oil Production Capacity															
Algeria	**1.35**	**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**	**1.95**	-	-	-	-	-	**1.99**	-	-
Ecudaor	**0.50**	**0.49**	**0.48**	**0.47**	**0.47**	**0.48**	**0.46**	-	-	-	-	-	**0.49**	-	-
Iran	**3.90**	**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**	**2.32**	-	-	-	-	-	**2.37**	-	-
Kuwait	**2.60**	**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**	-	-	-	-	-	**1.80**	-	-
Nigeria	**1.82**	**1.73**	**1.71**	**1.96**	**2.03**	**1.95**	**2.07**	-	-	-	-	-	**1.80**	-	-
Qatar	**1.07**	**1.07**	**1.07**	**1.07**	**1.10**	**1.10**	**1.12**	-	-	-	-	-	**1.07**	-	-
Saudi Arabia	**10.60**	**10.80**	**11.63**	**12.00**	**12.00**	**12.25**	**12.25**	-	-	-	-	-	**11.26**	-	-
United Arab Emirates	**2.60**	**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**	**2.10**	-	-	-	-	-	**2.20**	-	-
OPEC Total	**32.73**	**32.87**	**33.82**	**34.28**	**34.33**	**34.46**	**34.52**	*34.71*	*35.14*	*35.18*	*35.24*	*35.14*	**33.43**	*34.51*	*35.17*
Surplus Crude Oil Production Capacity															
Algeria	**0.05**	**0.05**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	-	-	-	-	-	**0.02**	-	-
Angola	**0.15**	**0.20**	**0.19**	**0.17**	**0.03**	**0.05**	**0.09**	-	-	-	-	-	**0.18**	-	-
Ecudaor	**0.00**	**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**	**0.10**	-	-	-	-	-	**0.11**	-	-
Iraq	**0.00**	**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**	-	-	-	-	-	**0.30**	-	-
Libya	**0.13**	**0.15**	**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**	-	-	-	-	-	**0.00**	-	-
Qatar	**0.25**	**0.24**	**0.22**	**0.22**	**0.25**	**0.25**	**0.27**	-	-	-	-	-	**0.23**	-	-
Saudi Arabia	**2.53**	**2.67**	**3.23**	**3.73**	**3.80**	**3.95**	**3.82**	-	-	-	-	-	**3.04**	-	-
United Arab Emirates	**0.30**	**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**	-	-	-	-	-	**0.00**	-	-
OPEC Total	**3.85**	**4.01**	**4.49**	**4.97**	**4.94**	**5.08**	**5.03**	*5.29*	*5.56*	*5.40*	*4.77*	*5.07*	**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 - October 2010

	2009				2010				2011						
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2009	2010	2011
North America	**23.13**	**22.67**	**23.00**	**23.26**	**23.15**	**23.42**	**23.49**	*23.30*	*23.56*	*23.52*	*23.57*	*23.46*	**23.02**	*23.34*	*23.53*
Canada	**2.20**	**2.08**	**2.16**	**2.17**	**2.18**	**2.23**	**2.21**	*2.26*	*2.27*	*2.19*	*2.30*	*2.29*	**2.15**	*2.22*	*2.26*
Mexico	**2.06**	**2.02**	**2.11**	**2.15**	**2.14**	**2.17**	**2.12**	*2.13*	*2.17*	*2.21*	*2.15*	*2.16*	**2.08**	*2.14*	*2.17*
United States	**18.86**	**18.57**	**18.72**	**18.93**	**18.82**	**19.01**	**19.14**	*18.91*	*19.11*	*19.12*	*19.12*	*19.00*	**18.77**	*18.97*	*19.08*
Central and South America	**5.96**	**6.28**	**6.16**	**6.25**	**6.15**	**6.40**	**6.39**	*6.38*	*6.26*	*6.52*	*6.51*	*6.50*	**6.17**	*6.33*	*6.45*
Brazil	**2.38**	**2.50**	**2.56**	**2.53**	**2.51**	**2.62**	**2.67**	*2.65*	*2.64*	*2.75*	*2.81*	*2.78*	**2.49**	*2.61*	*2.74*
Europe	**15.66**	**15.03**	**15.28**	**15.17**	**14.96**	**14.78**	**15.21**	*15.36*	*14.91*	*14.54*	*15.04*	*15.16*	**15.29**	*15.08*	*14.91*
FSU and Eastern Europe	**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*
Russia	**2.73**	**2.81**	**2.80**	**2.90**	**2.92**	**2.94**	**3.04**	*3.00*	*2.96*	*3.02*	*3.11*	*3.07*	**2.81**	*2.98*	*3.04*
Middle East	**6.24**	**7.08**	**7.76**	**6.79**	**6.67**	**7.43**	**8.01**	*7.17*	*7.21*	*7.70*	*8.18*	*7.48*	**6.97**	*7.32*	*7.64*
Asia and Oceania	**25.28**	**25.48**	**24.98**	**26.04**	**26.85**	**26.48**	**25.40**	*26.39*	*27.64*	*26.86*	*26.26*	*27.01*	**25.44**	*26.28*	*26.94*
China	**7.72**	**8.55**	**8.43**	**8.59**	**8.88**	**9.31**	**8.89**	*9.00*	*9.46*	*9.70*	*9.57*	*9.48*	**8.32**	*9.02*	*9.55*
Japan	**4.73**	**4.04**	**4.11**	**4.60**	**4.79**	**4.00**	**3.92**	*4.29*	*4.58*	*3.80*	*3.82*	*4.18*	**4.37**	*4.25*	*4.09*
India	**3.18**	**3.19**	**2.98**	**3.11**	**3.32**	**3.29**	**3.02**	*3.26*	*3.47*	*3.34*	*3.07*	*3.30*	**3.11**	*3.22*	*3.29*
Africa	**3.28**	**3.25**	**3.15**	**3.28**	**3.37**	**3.34**	**3.25**	*3.34*	*3.43*	*3.38*	*3.34*	*3.40*	**3.24**	*3.32*	*3.39*
Total OECD Liquid Fuels Consumption	**46.39**	**44.47**	**44.97**	**45.86**	**45.76**	**44.96**	**45.20**	*45.82*	*46.06*	*44.62*	*45.11*	*45.74*	**45.42**	*45.43*	*45.38*
Total non-OECD Liquid Fuels Consumption	**37.25**	**39.52**	**39.59**	**39.25**	**39.69**	**41.22**	**41.02**	*40.56*	*41.43*	*42.42*	*42.47*	*41.91*	**38.91**	*40.63*	*42.06*
Total World Liquid Fuels Consumption	**83.63**	**83.99**	**84.56**	**85.11**	**85.45**	**86.18**	**86.22**	*86.37*	*87.49*	*87.04*	*87.58*	*87.64*	**84.33**	*86.06*	*87.44*
World Real Gross Domestic Product (a)															
Index, 2007 Q1 = 100	**100.78**	**101.35**	**102.22**	**103.52**	**104.74**	**105.61**	**106.15**	*106.99*	*107.86*	*108.82*	*109.70*	*110.94*	**101.98**	*105.88*	*109.34*
Percent change from prior year	**-3.0**	**-2.8**	**-1.6**	**1.3**	**3.9**	**4.2**	**3.8**	*3.4*	*3.0*	*3.0*	*3.3*	*3.7*	**-1.5**	*3.8*	*3.3*
Real U.S. Dollar Exchange Rate (a)															
Index, January 2007 = 100	**104.11**	**100.90**	**97.91**	**95.55**	**95.71**	**96.38**	**96.64**	*96.82*	*96.57*	*96.37*	*95.87*	*95.94*	**99.59**	*96.39*	*96.18*
Percent change from prior year	**13.9**	**12.1**	**6.5**	**-5.6**	**-8.1**	**-4.5**	**-1.3**	*1.3*	*0.9*	*0.0*	*-0.8*	*-0.9*	**6.3**	*-3.2*	*-0.2*

- = 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 - October 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**	**5.48**	**5.47**	*5.45*	*5.47*	*5.46*	*5.35*	*5.33*	**5.36**	*5.46*	*5.40*
Alaska	**0.70**	**0.63**	**0.59**	**0.66**	**0.64**	**0.58**	**0.59**	*0.65*	*0.63*	*0.61*	*0.58*	*0.56*	**0.65**	*0.61*	*0.60*
Federal Gulf of Mexico (b)	**1.31**	**1.52**	**1.73**	**1.67**	**1.70**	**1.68**	**1.64**	*1.58*	*1.53*	*1.47*	*1.44*	*1.48*	**1.56**	*1.65*	*1.48*
Lower 48 States (excl GOM)	**3.20**	**3.16**	**3.13**	**3.13**	**3.12**	**3.22**	**3.24**	*3.22*	*3.31*	*3.38*	*3.32*	*3.29*	**3.16**	*3.20*	*3.33*
Crude Oil Net Imports (c)	**9.39**	**9.05**	**9.02**	**8.43**	**8.77**	**9.71**	**9.46**	*8.73*	*8.59*	*9.52*	*9.50*	*8.90*	**8.97**	*9.17*	*9.13*
SPR Net Withdrawals	**-0.12**	**-0.12**	**-0.01**	**-0.02**	**0.00**	**0.00**	**0.00**	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*	**-0.07**	*0.00*	*0.00*
Commercial Inventory Net Withdrawals	**-0.46**	**0.22**	**0.13**	**0.11**	**-0.34**	**-0.08**	**0.02**	*0.12*	*-0.14*	*0.07*	*0.18*	*0.07*	**0.00**	*-0.07*	*0.05*
Crude Oil Adjustment (d)	**0.11**	**0.11**	**0.06**	**0.02**	**0.08**	**0.14**	**0.15**	*-0.05*	*0.05*	*0.09*	*0.03*	*-0.03*	**0.07**	*0.08*	*0.04*
Total Crude Oil Input to Refineries	**14.13**	**14.57**	**14.65**	**13.99**	**13.98**	**15.24**	**15.10**	*14.25*	*13.97*	*15.14*	*15.06*	*14.27*	**14.34**	*14.65*	*14.61*
Other Supply															
Refinery Processing Gain	**0.93**	**1.00**	**1.01**	**0.98**	**1.02**	**1.06**	**1.06**	*1.00*	*0.96*	*1.01*	*1.03*	*1.01*	**0.98**	*1.03*	*1.00*
Natural Gas Liquids Production	**1.81**	**1.92**	**1.93**	**1.98**	**1.96**	**1.99**	**1.95**	*1.92*	*1.96*	*1.97*	*1.96*	*1.92*	**1.91**	*1.96*	*1.95*
Renewables and Oxygenate Production (e)	**0.68**	**0.71**	**0.78**	**0.82**	**0.86**	**0.89**	**0.89**	*0.89*	*0.90*	*0.91*	*0.91*	*0.91*	**0.75**	*0.88*	*0.91*
Fuel Ethanol Production	**0.64**	**0.68**	**0.74**	**0.79**	**0.83**	**0.84**	**0.86**	*0.86*	*0.87*	*0.87*	*0.88*	*0.88*	**0.71**	*0.85*	*0.87*
Petroleum Products Adjustment (f)	**0.14**	**0.14**	**0.15**	**0.15**	**0.14**	**0.15**	**0.16**	*0.14*	*0.13*	*0.13*	*0.13*	*0.13*	**0.14**	*0.15*	*0.13*
Product Net Imports (c)	**1.33**	**0.77**	**0.38**	**0.32**	**0.56**	**0.26**	**0.36**	*0.25*	*0.79*	*0.42*	*0.25*	*0.41*	**0.70**	*0.36*	*0.47*
Pentanes Plus	**-0.03**	**-0.03**	**-0.03**	**-0.03**	**-0.03**	**0.00**	**-0.01**	*0.00*	*-0.01*	*-0.02*	*-0.03*	*-0.01*	**-0.03**	*-0.01*	*-0.02*
Liquefied Petroleum Gas	**0.15**	**0.07**	**0.02**	**0.09**	**0.07**	**-0.01**	**-0.02**	*0.06*	*0.01*	*0.00*	*0.03*	*0.06*	**0.08**	*0.02*	*0.02*
Unfinished Oils	**0.69**	**0.73**	**0.71**	**0.57**	**0.53**	**0.58**	**0.67**	*0.68*	*0.64*	*0.63*	*0.70*	*0.66*	**0.68**	*0.62*	*0.66*
Other HC/Oxygenates	**-0.04**	**-0.04**	**-0.03**	**-0.03**	**-0.03**	**-0.05**	**-0.06**	*-0.05*	*-0.05*	*-0.04*	*-0.04*	*-0.04*	**-0.03**	*-0.05*	*-0.04*
Motor Gasoline Blend Comp.	**0.84**	**0.71**	**0.66**	**0.61**	**0.60**	**0.75**	**0.81**	*0.63*	*0.64*	*0.72*	*0.69*	*0.72*	**0.70**	*0.70*	*0.69*
Finished Motor Gasoline	**0.10**	**0.05**	**0.03**	**-0.06**	**-0.12**	**-0.11**	**-0.14**	*-0.06*	*0.04*	*-0.01*	*0.01*	*-0.06*	**0.03**	*-0.11*	*0.00*
Jet Fuel	**0.02**	**0.01**	**0.04**	**-0.03**	**0.02**	**0.00**	**0.01**	*-0.05*	*0.00*	*0.01*	*0.00*	*-0.02*	**0.01**	*-0.01*	*0.00*
Distillate Fuel Oil	**-0.26**	**-0.43**	**-0.43**	**-0.33**	**-0.11**	**-0.48**	**-0.49**	*-0.56*	*-0.26*	*-0.46*	*-0.57*	*-0.44*	**-0.36**	*-0.41*	*-0.43*
Residual Fuel Oil	**0.05**	**-0.02**	**-0.25**	**-0.11**	**-0.02**	**-0.04**	**-0.05**	*-0.01*	*0.04*	*-0.06*	*-0.11*	*-0.05*	**-0.08**	*-0.03*	*-0.04*
Other Oils (g)	**-0.20**	**-0.28**	**-0.34**	**-0.37**	**-0.35**	**-0.38**	**-0.36**	*-0.38*	*-0.26*	*-0.36*	*-0.44*	*-0.40*	**-0.30**	*-0.37*	*-0.36*
Product Inventory Net Withdrawals	**-0.15**	**-0.55**	**-0.16**	**0.69**	**0.30**	**-0.57**	**-0.40**	*0.46*	*0.40*	*-0.46*	*-0.22*	*0.36*	**-0.04**	*-0.05*	*0.02*
Total Supply	**18.86**	**18.57**	**18.72**	**18.93**	**18.83**	**19.01**	**19.13**	*18.92*	*19.11*	*19.11*	*19.11*	*19.01*	**18.77**	*18.98*	*19.09*
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**	**0.08**	*0.09*	*0.07*	*0.06*	*0.06*	*0.08*	**0.08**	*0.08*	*0.07*
Liquefied Petroleum Gas	**2.09**	**1.80**	**1.90**	**2.41**	**2.38**	**1.80**	**1.91**	*2.11*	*2.29*	*1.84*	*1.89*	*2.13*	**2.05**	*2.05*	*2.04*
Unfinished Oils	**0.04**	**-0.11**	**-0.02**	**-0.05**	**0.05**	**0.03**	**-0.06**	*0.00*	*0.01*	*-0.02*	*-0.07*	*0.00*	**-0.04**	*0.01*	*-0.02*
Finished Liquid Fuels															
Motor Gasoline	**8.79**	**9.10**	**9.16**	**8.94**	**8.65**	**9.20**	**9.25**	*8.97*	*8.78*	*9.22*	*9.30*	*9.04*	**9.00**	*9.02*	*9.09*
Jet Fuel	**1.36**	**1.39**	**1.46**	**1.36**	**1.39**	**1.44**	**1.44**	*1.35*	*1.38*	*1.45*	*1.46*	*1.36*	**1.39**	*1.40*	*1.41*
Distillate Fuel Oil	**3.90**	**3.47**	**3.46**	**3.70**	**3.79**	**3.70**	**3.70**	*3.74*	*3.90*	*3.71*	*3.61*	*3.76*	**3.63**	*3.73*	*3.75*
Residual Fuel Oil	**0.60**	**0.56**	**0.38**	**0.51**	**0.56**	**0.53**	**0.49**	*0.56*	*0.61*	*0.53*	*0.50*	*0.54*	**0.51**	*0.53*	*0.54*
Other Oils (f)	**2.05**	**2.30**	**2.30**	**1.95**	**1.92**	**2.24**	**2.33**	*2.11*	*2.07*	*2.32*	*2.35*	*2.10*	**2.15**	*2.15*	*2.21*
Total Consumption	**18.86**	**18.57**	**18.72**	**18.93**	**18.82**	**19.01**	**19.13**	*18.92*	*19.11*	*19.11*	*19.11*	*19.01*	**18.77**	*18.97*	*19.09*
Total Liquid Fuels Net Imports	**10.71**	**9.83**	**9.40**	**8.75**	**9.33**	**9.97**	**9.82**	*8.98*	*9.38*	*9.94*	*9.75*	*9.31*	**9.67**	*9.52*	*9.59*
End-of-period Inventories (million barrels)															
Commercial Inventory															
Crude Oil (excluding SPR)	**366.9**	**347.1**	**335.0**	**325.2**	**355.4**	**362.7**	**360.9**	*350.1*	*362.3*	*355.5*	*339.0*	*332.8*	**325.2**	*350.1*	*332.8*
Pentanes Plus	**15.5**	**17.2**	**15.0**	**10.5**	**9.4**	**11.5**	**12.2**	*10.5*	*10.9*	*12.8*	*13.6*	*11.2*	**10.5**	*10.5*	*11.2*
Liquefied Petroleum Gas	**91.2**	**132.6**	**156.3**	**102.1**	**73.2**	**121.8**	**147.5**	*113.5*	*78.5*	*118.4*	*147.0*	*111.7*	**102.1**	*113.5*	*111.7*
Unfinished Oils	**94.0**	**92.0**	**85.0**	**79.9**	**86.3**	**83.4**	**79.8**	*77.2*	*89.6*	*87.1*	*87.5*	*80.8*	**79.9**	*77.2*	*80.8*
Other HC/Oxygenates	**18.2**	**15.4**	**16.4**	**18.8**	**22.0**	**20.6**	**20.1**	*20.3*	*20.9*	*21.2*	*21.2*	*21.3*	**18.8**	*20.3*	*21.3*
Total Motor Gasoline	**217.1**	**213.9**	**214.1**	**223.3**	**224.0**	**214.8**	**220.9**	*223.2*	*220.9*	*217.4*	*209.5*	*218.5*	**223.3**	*223.2*	*218.5*
Finished Motor Gasoline	**85.9**	**88.6**	**84.7**	**84.9**	**81.9**	**71.8**	**74.3**	*77.7*	*73.1*	*76.8*	*72.3*	*74.8*	**84.9**	*77.7*	*74.8*
Motor Gasoline Blend Comp.	**131.2**	**125.2**	**129.4**	**138.4**	**142.1**	**143.0**	**146.6**	*145.5*	*147.9*	*140.6*	*137.2*	*143.7*	**138.4**	*145.5*	*143.7*
Jet Fuel	**43.1**	**44.8**	**46.3**	**43.4**	**41.9**	**44.9**	**47.2**	*44.1*	*42.9*	*43.5*	*43.9*	*42.7*	**43.4**	*44.1*	*42.7*
Distillate Fuel Oil	**145.3**	**162.7**	**172.7**	**166.0**	**146.0**	**157.9**	**172.5**	*166.4*	*146.5*	*155.1*	*162.8*	*163.4*	**166.0**	*166.4*	*163.4*
Residual Fuel Oil	**38.4**	**36.9**	**35.2**	**37.2**	**40.6**	**42.3**	**39.6**	*40.1*	*39.6*	*39.4*	*38.1*	*39.1*	**37.2**	*40.1*	*39.1*
Other Oils (f)	**60.3**	**57.9**	**47.3**	**43.5**	**54.0**	**52.2**	**46.4**	*48.5*	*58.0*	*55.2*	*46.9*	*48.9*	**43.5**	*48.5*	*48.9*
Total Commercial Inventory	**1,090**	**1,120**	**1,123**	**1,050**	**1,053**	**1,112**	**1,147**	*1,094*	*1,070*	*1,106*	*1,110*	*1,070*	**1,050**	*1,094*	*1,070*
Crude Oil in SPR	**713**	**724**	**725**	**727**	**727**	**727**	**726**	*726*	*726*	*726*	*726*	*726*	**727**	*726*	*726*
Heating Oil Reserve	**2.0**	**2.0**	**2.0**	**2.0**	**2.0**	**2.0**	**2.0**	*2.0*	*2.0*	*2.0*	*2.0*	*2.0*	**2.0**	*2.0*	*2.0*

- = no data available

(a) Includes lease condensate.

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

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

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

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

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

SPR: Strategic Petroleum Reserve

HC: Hydrocarbons

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

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

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

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

Energy Information Administration/Short-Term Energy Outlook - October 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**	**15.10**	*14.25*	*13.97*	*15.14*	*15.06*	*14.27*	**14.34**	*14.65*	*14.61*
Pentanes Plus	**0.15**	**0.15**	**0.17**	**0.17**	**0.14**	**0.15**	**0.16**	*0.18*	*0.16*	*0.16*	*0.16*	*0.18*	**0.16**	*0.16*	*0.17*
Liquefied Petroleum Gas	**0.34**	**0.27**	**0.27**	**0.40**	**0.30**	**0.22**	**0.24**	*0.38*	*0.32*	*0.25*	*0.27*	*0.38*	**0.32**	*0.28*	*0.31*
Other Hydrocarbons/Oxygenates	**0.74**	**0.80**	**0.82**	**0.86**	**0.87**	**0.95**	**0.96**	*0.93*	*0.94*	*0.96*	*0.96*	*0.95*	**0.81**	*0.93*	*0.95*
Unfinished Oils	**0.53**	**0.87**	**0.81**	**0.68**	**0.42**	**0.58**	**0.77**	*0.71*	*0.49*	*0.68*	*0.77*	*0.73*	**0.72**	*0.62*	*0.67*
Motor Gasoline Blend Components	**0.64**	**0.62**	**0.48**	**0.48**	**0.47**	**0.70**	**0.69**	*0.53*	*0.54*	*0.67*	*0.51*	*0.54*	**0.55**	*0.60*	*0.56*
Aviation Gasoline Blend Components	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*	**0.00**	*0.00*	*0.00*
Total Refinery and Blender Net Inputs	**16.55**	**17.28**	**17.20**	**16.59**	**16.17**	**17.86**	**17.92**	*16.98*	*16.42*	*17.86*	*17.74*	*17.05*	**16.90**	*17.24*	*17.27*
Refinery Processing Gain	**0.93**	**1.00**	**1.01**	**0.98**	**1.02**	**1.06**	**1.06**	*1.00*	*0.96*	*1.01*	*1.03*	*1.01*	**0.98**	*1.03*	*1.00*
Refinery and Blender Net Production															
Liquefied Petroleum Gas	**0.49**	**0.81**	**0.76**	**0.43**	**0.57**	**0.85**	**0.77**	*0.41*	*0.51*	*0.83*	*0.77*	*0.41*	**0.62**	*0.65*	*0.63*
Finished Motor Gasoline	**8.50**	**8.86**	**8.88**	**8.89**	**8.58**	**9.09**	**9.27**	*8.89*	*8.56*	*9.09*	*8.97*	*8.95*	**8.79**	*8.96*	*8.90*
Jet Fuel	**1.39**	**1.40**	**1.43**	**1.36**	**1.35**	**1.47**	**1.46**	*1.37*	*1.36*	*1.44*	*1.46*	*1.37*	**1.40**	*1.41*	*1.41*
Distillate Fuel	**4.15**	**4.09**	**4.00**	**3.96**	**3.69**	**4.31**	**4.34**	*4.24*	*3.94*	*4.26*	*4.27*	*4.22*	**4.05**	*4.15*	*4.17*
Residual Fuel	**0.58**	**0.56**	**0.61**	**0.64**	**0.61**	**0.59**	**0.51**	*0.57*	*0.56*	*0.59*	*0.59*	*0.60*	**0.60**	*0.57*	*0.59*
Other Oils (a)	**2.37**	**2.55**	**2.53**	**2.28**	**2.39**	**2.60**	**2.63**	*2.51*	*2.44*	*2.64*	*2.70*	*2.52*	**2.43**	*2.53*	*2.58*
Total Refinery and Blender Net Production	**17.48**	**18.28**	**18.20**	**17.57**	**17.19**	**18.91**	**18.98**	*17.99*	*17.38*	*18.86*	*18.76*	*18.06*	**17.88**	*18.27*	*18.27*
Refinery Distillation Inputs	**14.45**	**14.88**	**14.92**	**14.38**	**14.32**	**15.65**	**15.56**	*14.63*	*14.32*	*15.47*	*15.39*	*14.62*	**14.66**	*15.04*	*14.95*
Refinery Operable Distillation Capacity	**17.67**	**17.67**	**17.68**	**17.69**	**17.58**	**17.59**	**17.59**	*17.59*	*17.59*	*17.59*	*17.59*	*17.59*	**17.68**	*17.59*	*17.59*
Refinery Distillation Utilization Factor	**0.82**	**0.84**	**0.84**	**0.81**	**0.81**	**0.89**	**0.88**	*0.83*	*0.81*	*0.88*	*0.88*	*0.83*	**0.83**	*0.86*	*0.85*

- = 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 - October 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**	**210**	*211*	*220*	*235*	*236*	*226*	**176**	*213*	*229*
Gasoline Regular Grade Retail Prices Excluding Taxes															
PADD 1 (East Coast)	**140**	**183**	**204**	**211**	**223**	**229**	**216**	*223*	*230*	*245*	*248*	*239*	**185**	*223*	*241*
PADD 2 (Midwest)	**142**	**186**	**201**	**208**	**218**	**228**	**221**	*222*	*229*	*244*	*246*	*236*	**185**	*222*	*239*
PADD 3 (Gulf Coast)	**136**	**180**	**200**	**205**	**216**	**226**	**214**	*219*	*228*	*243*	*245*	*235*	**181**	*219*	*238*
PADD 4 (Rocky Mountain)	**128**	**182**	**210**	**207**	**218**	**236**	**231**	*224*	*224*	*245*	*255*	*241*	**183**	*227*	*242*
PADD 5 (West Coast)	**157**	**197**	**233**	**231**	**239**	**247**	**246**	*236*	*243*	*262*	*262*	*253*	**205**	*242*	*255*
U.S. Average	**142**	**185**	**206**	**211**	**223**	**231**	**223**	*224*	*232*	*247*	*250*	*240*	**187**	*225*	*242*
Gasoline Regular Grade Retail Prices Including Taxes															
PADD 1	**187**	**229**	**254**	**259**	**271**	**278**	**265**	*273*	*280*	*294*	*299*	*290*	**233**	*272*	*291*
PADD 2	**187**	**230**	**248**	**254**	**265**	**276**	**270**	*269*	*275*	*291*	*294*	*283*	**230**	*270*	*286*
PADD 3	**178**	**220**	**241**	**246**	**259**	**269**	**257**	*262*	*270*	*285*	*288*	*278*	**222**	*262*	*281*
PADD 4	**173**	**226**	**257**	**254**	**264**	**284**	**279**	*272*	*271*	*292*	*304*	*290*	**228**	*275*	*290*
PADD 5	**210**	**251**	**292**	**288**	**294**	**304**	**304**	*293*	*300*	*319*	*320*	*312*	**261**	*299*	*313*
U.S. Average	**189**	**232**	**257**	**260**	**271**	**281**	**272**	*274*	*280*	*296*	*300*	*290*	**235**	*274*	*292*
Gasoline All Grades Including Taxes	**194**	**237**	**262**	**266**	**277**	**286**	**277**	*279*	*285*	*301*	*305*	*295*	**240**	*280*	*297*
End-of-period Inventories (million barrels)															
Total Gasoline Inventories															
PADD 1	**58.1**	**57.2**	**59.5**	**61.7**	**56.6**	**59.9**	**56.6**	*58.7*	*56.5*	*56.8*	*53.3*	*56.0*	**61.7**	*58.7*	*56.0*
PADD 2	**51.1**	**51.0**	**51.5**	**52.5**	**55.2**	**48.9**	**52.6**	*52.6*	*53.5*	*52.9*	*52.3*	*53.1*	**52.5**	*52.6*	*53.1*
PADD 3	**72.6**	**70.4**	**68.7**	**71.7**	**74.2**	**72.5**	**74.0**	*73.0*	*72.7*	*70.6*	*68.4*	*71.6*	**71.7**	*73.0*	*71.6*
PADD 4	**6.2**	**5.9**	**6.1**	**5.8**	**5.9**	**6.4**	**6.6**	*7.1*	*6.7*	*6.4*	*6.4*	*6.9*	**5.8**	*7.1*	*6.9*
PADD 5	**29.1**	**29.3**	**28.3**	**31.6**	**32.1**	**27.2**	**31.1**	*31.8*	*31.5*	*30.7*	*29.1*	*30.9*	**31.6**	*31.8*	*30.9*
U.S. Total	**217.1**	**213.9**	**214.1**	**223.3**	**224.0**	**214.8**	**220.9**	*223.2*	*220.9*	*217.4*	*209.5*	*218.5*	**223.3**	*223.2*	*218.5*
Finished Gasoline Inventories															
PADD 1	**17.4**	**18.6**	**19.0**	**18.3**	**15.4**	**13.3**	**12.4**	*14.6*	*11.6*	*14.4*	*12.8*	*14.6*	**18.3**	*14.6*	*14.6*
PADD 2	**28.5**	**28.1**	**26.5**	**27.5**	**27.9**	**24.3**	**25.0**	*26.9*	*27.2*	*27.4*	*26.9*	*27.1*	**27.5**	*26.9*	*27.1*
PADD 3	**31.0**	**32.0**	**30.0**	**31.1**	**29.4**	**25.2**	**26.2**	*27.3*	*24.6*	*25.4*	*23.9*	*25.3*	**31.1**	*27.3*	*25.3*
PADD 4	**3.9**	**4.1**	**4.1**	**4.0**	**4.1**	**4.1**	**4.5**	*4.6*	*4.6*	*4.4*	*4.2*	*4.4*	**4.0**	*4.6*	*4.4*
PADD 5	**5.1**	**5.8**	**5.1**	**4.1**	**5.1**	**4.9**	**6.2**	*4.4*	*5.1*	*5.2*	*4.5*	*3.5*	**4.1**	*4.4*	*3.5*
U.S. Total	**85.9**	**88.6**	**84.7**	**84.9**	**81.9**	**71.8**	**74.3**	*77.7*	*73.1*	*76.8*	*72.3*	*74.8*	**84.9**	*77.7*	*74.8*
Gasoline Blending Components Inventories															
PADD 1	**40.6**	**38.5**	**40.6**	**43.4**	**41.3**	**46.6**	**44.2**	*44.1*	*44.9*	*42.4*	*40.4*	*41.4*	**43.4**	*44.1*	*41.4*
PADD 2	**22.6**	**22.9**	**24.9**	**25.0**	**27.3**	**24.6**	**27.6**	*25.8*	*26.4*	*25.5*	*25.4*	*26.0*	**25.0**	*25.8*	*26.0*
PADD 3	**41.6**	**38.4**	**38.7**	**40.6**	**44.8**	**47.3**	**47.8**	*45.7*	*48.1*	*45.2*	*44.5*	*46.3*	**40.6**	*45.7*	*46.3*
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**	**24.8**	*27.4*	*26.4*	*25.5*	*24.6*	*27.4*	**27.6**	*27.4*	*27.4*
U.S. Total	**131.2**	**125.2**	**129.4**	**138.4**	**142.1**	**143.0**	**146.6**	*145.5*	*147.9*	*140.6*	*137.2*	*143.7*	**138.4**	*145.5*	*143.7*

- = 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 - October 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**	**204**	*219*	*222*	*225*	*228*	*235*	**166**	*210*	*227*
Diesel Fuel	**141**	**163**	**186**	**202**	**211**	**220**	**213**	*225*	*227*	*237*	*240*	*242*	**173**	*217*	*237*
Heating Oil Residential Prices Excluding Taxes															
Northeast	**238**	**226**	**233**	**260**	**277**	**276**	**265**	*287*	*295*	*287*	*287*	*305*	**242**	*279*	*296*
South	**229**	**212**	**225**	**261**	**275**	**260**	**250**	*286*	*296*	*278*	*276*	*304*	**236**	*273*	*294*
Midwest	**190**	**194**	**220**	**240**	**250**	**258**	**254**	*271*	*271*	*272*	*278*	*289*	**210**	*258*	*278*
West	**217**	**234**	**258**	**277**	**285**	**300**	**285**	*299*	*301*	*305*	*308*	*318*	**247**	*292*	*308*
U.S. Average	**233**	**222**	**231**	**258**	**272**	**273**	**263**	*286*	*294*	*286*	*286*	*304*	**239**	*276*	*295*
Heating Oil Residential Prices Including State Taxes															
Northeast	**250**	**238**	**244**	**274**	**292**	**290**	**279**	*302*	*310*	*301*	*301*	*321*	**254**	*294*	*311*
South	**240**	**222**	**237**	**274**	**289**	**274**	**263**	*301*	*311*	*292*	*290*	*320*	**248**	*288*	*309*
Midwest	**201**	**204**	**232**	**253**	**264**	**272**	**269**	*286*	*286*	*287*	*293*	*306*	**222**	*272*	*293*
West	**226**	**244**	**263**	**284**	**294**	**312**	**292**	*307*	*311*	*317*	*315*	*326*	**255**	*301*	*317*
U.S. Average	**247**	**235**	**243**	**273**	**290**	**288**	**277**	*301*	*309*	*301*	*300*	*320*	**252**	*292*	*310*
Total Distillate End-of-period Inventories (million barrels)															
PADD 1 (East Coast)	**54.6**	**68.9**	**74.8**	**68.3**	**56.6**	**62.7**	**73.9**	*70.4*	*54.5*	*62.0*	*70.2*	*67.7*	**68.3**	*70.4*	*67.7*
PADD 2 (Midwest)	**34.1**	**32.9**	**34.0**	**32.3**	**30.1**	**30.6**	**32.4**	*31.0*	*30.6*	*29.9*	*30.5*	*31.3*	**32.3**	*31.0*	*31.3*
PADD 3 (Gulf Coast)	**40.2**	**44.9**	**48.5**	**48.9**	**45.5**	**48.6**	**50.6**	*48.6*	*46.1*	*47.9*	*47.2*	*48.0*	**48.9**	*48.6*	*48.0*
PADD 4 (Rocky Mountain)	**3.4**	**3.2**	**3.3**	**3.1**	**3.0**	**3.0**	**3.4**	*3.3*	*3.2*	*3.1*	*3.0*	*3.3*	**3.1**	*3.3*	*3.3*
PADD 5 (West Coast)	**12.9**	**12.8**	**12.1**	**13.4**	**10.8**	**13.0**	**12.1**	*13.1*	*12.1*	*12.2*	*12.0*	*13.3*	**13.4**	*13.1*	*13.3*
U.S. Total	**145.3**	**162.7**	**172.7**	**166.0**	**146.0**	**157.9**	**172.5**	*166.4*	*146.5*	*155.1*	*162.8*	*163.4*	**166.0**	*166.4*	*163.4*

- = 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 - October 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**	*117*	*116*	*111*	*110*	*117*	**86**	*115*	*114*
Propane Residential Prices excluding Taxes															
Northeast	**256**	**248**	**240**	**242**	**264**	**266**	**262**	*276*	*277*	*270*	*262*	*268*	**249**	*268*	*272*
South	**237**	**211**	**190**	**205**	**245**	**245**	**220**	*242*	*251*	*236*	*220*	*245*	**217**	*241*	*243*
Midwest	**204**	**176**	**143**	**151**	**180**	**179**	**171**	*187*	*198*	*188*	*169*	*188*	**174**	*181*	*190*
West	**218**	**197**	**170**	**194**	**241**	**235**	**206**	*234*	*251*	*233*	*211*	*240*	**200**	*232*	*239*
U.S. Average	**223**	**202**	**175**	**185**	**222**	**227**	**203**	*222*	*234*	*227*	*203*	*223*	**202**	*220*	*225*
Propane Residential Prices including State Taxes															
Northeast	**267**	**260**	**252**	**254**	**277**	**278**	**275**	*289*	*291*	*283*	*274*	*280*	**260**	*280*	*285*
South	**249**	**222**	**201**	**216**	**258**	**259**	**232**	*255*	*265*	*248*	*232*	*258*	**229**	*254*	*256*
Midwest	**215**	**186**	**151**	**160**	**190**	**189**	**181**	*198*	*209*	*198*	*179*	*199*	**184**	*191*	*201*
West	**230**	**209**	**180**	**206**	**254**	**249**	**218**	*247*	*266*	*247*	*223*	*254*	**212**	*245*	*253*
U.S. Average	**235**	**213**	**184**	**195**	**234**	**239**	**214**	*235*	*246*	*239*	*214*	*236*	**213**	*232*	*238*
Propane End-of-period Inventories (million barrels)															
PADD 1 (East Coast)	**3.2**	**3.6**	**4.5**	**4.7**	**2.6**	**4.0**	**4.9**	*4.4*	*2.5*	*4.0*	*4.6*	*4.3*	**4.7**	*4.4*	*4.3*
PADD 2 (Midwest)	**13.4**	**24.3**	**31.6**	**19.4**	**10.1**	**20.0**	**28.4**	*22.4*	*11.9*	*20.4*	*27.0*	*21.2*	**19.4**	*22.4*	*21.2*
PADD 3 (Gulf Coast)	**22.6**	**34.6**	**36.3**	**24.4**	**14.7**	**25.3**	**29.2**	*25.4*	*14.0*	*24.9*	*33.6*	*27.4*	**24.4**	*25.4*	*27.4*
PADD 4 (Rocky Mountain)	**0.4**	**0.4**	**0.4**	**0.4**	**0.3**	**0.3**	**0.4**	*0.3*	*0.3*	*0.4*	*0.5*	*0.4*	**0.4**	*0.3*	*0.4*
PADD 5 (West Coast)	**0.5**	**1.2**	**2.3**	**1.3**	**0.4**	**1.0**	**2.0**	*1.4*	*0.2*	*1.0*	*2.2*	*1.5*	**1.3**	*1.4*	*1.5*
U.S. Total	**40.0**	**64.2**	**75.1**	**50.1**	**28.1**	**50.5**	**64.8**	*53.9*	*28.9*	*50.7*	*67.9*	*54.8*	**50.1**	*53.9*	*54.8*

- = 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 - October 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**	**61.70**	**61.67**	*60.76*	*60.86*	*60.67*	*60.11*	*59.84*	**59.98**	*61.29*	*60.37*
Alaska	**1.22**	**1.06**	**0.93**	**1.14**	**1.16**	**0.98**	**0.89**	*1.08*	*1.16*	*0.97*	*0.93*	*1.11*	**1.09**	*1.03*	*1.04*
Federal GOM (a)	**6.46**	**6.80**	**6.92**	**6.48**	**6.67**	**6.22**	**6.02**	*5.86*	*5.68*	*5.51*	*5.06*	*4.96*	**6.67**	*6.19*	*5.30*
Lower 48 States (excl GOM)	**52.87**	**52.34**	**51.57**	**52.15**	**53.20**	**54.51**	**54.75**	*53.83*	*54.01*	*54.19*	*54.12*	*53.78*	**52.23**	*54.08*	*54.03*
Total Dry Gas Production	**58.11**	**57.63**	**56.84**	**57.08**	**58.36**	**59.00**	**58.96**	*58.10*	*58.19*	*58.01*	*57.47*	*57.22*	**57.41**	*58.61*	*57.72*
Gross Imports	**11.15**	**9.56**	**10.44**	**9.98**	**11.41**	**9.62**	**9.95**	*10.11*	*11.13*	*9.82*	*10.57*	*10.43*	**10.28**	*10.27*	*10.49*
Pipeline	**10.19**	**7.85**	**9.23**	**8.90**	**9.86**	**8.40**	**8.99**	*8.89*	*9.86*	*8.45*	*9.21*	*9.14*	**9.04**	*9.03*	*9.16*
LNG	**0.96**	**1.71**	**1.21**	**1.08**	**1.55**	**1.22**	**0.96**	*1.22*	*1.27*	*1.37*	*1.36*	*1.29*	**1.24**	*1.23*	*1.32*
Gross Exports	**3.55**	**2.45**	**2.60**	**3.16**	**3.10**	**2.74**	**2.80**	*3.25*	*3.52*	*2.46*	*2.43*	*3.14*	**2.94**	*2.97*	*2.88*
Net Imports	**7.60**	**7.10**	**7.85**	**6.82**	**8.31**	**6.88**	**7.14**	*6.86*	*7.61*	*7.36*	*8.14*	*7.30*	**7.34**	*7.29*	*7.60*
Supplemental Gaseous Fuels	**0.19**	**0.14**	**0.17**	**0.19**	**0.19**	**0.16**	**0.17**	*0.18*	*0.18*	*0.15*	*0.17*	*0.18*	**0.17**	*0.18*	*0.17*
Net Inventory Withdrawals	**13.00**	**-12.19**	**-9.88**	**5.59**	**16.25**	**-11.94**	**-8.11**	*3.78*	*15.91*	*-10.62*	*-8.60*	*4.26*	**-0.91**	*-0.06*	*0.18*
Total Supply	**78.90**	**52.68**	**54.97**	**69.69**	**83.12**	**54.10**	**58.17**	*68.92*	*81.90*	*54.90*	*57.18*	*68.96*	**64.01**	*66.02*	*65.68*
Balancing Item (b)	**0.65**	**-0.35**	**-1.29**	**-5.78**	**0.28**	**0.47**	**-0.72**	*-3.41*	*0.04*	*0.75*	*0.01*	*-2.63*	**-1.71**	*-0.86*	*-0.46*
Total Primary Supply	**79.55**	**52.33**	**53.69**	**63.91**	**83.40**	**54.56**	**57.45**	*65.51*	*81.95*	*55.66*	*57.20*	*66.33*	**62.30**	*65.16*	*65.22*
Consumption (billion cubic feet per day)															
Residential	**25.43**	**8.02**	**3.75**	**14.95**	**26.59**	**7.30**	**3.71**	*14.88*	*25.69*	*8.27*	*3.82*	*15.22*	**12.98**	*13.06*	*13.20*
Commercial	**14.35**	**6.00**	**4.21**	**9.46**	**14.72**	**5.71**	**4.16**	*9.32*	*14.54*	*6.12*	*4.22*	*9.37*	**8.48**	*8.45*	*8.53*
Industrial	**18.01**	**15.42**	**15.62**	**17.72**	**19.78**	**17.19**	**16.72**	*18.07*	*19.78*	*17.17*	*16.88*	*18.60*	**16.69**	*17.93*	*18.10*
Electric Power (c)	**15.97**	**17.87**	**25.10**	**16.47**	**16.37**	**19.20**	**27.69**	*17.87*	*16.09*	*19.00*	*27.24*	*17.85*	**18.87**	*20.30*	*20.07*
Lease and Plant Fuel	**3.49**	**3.47**	**3.42**	**3.44**	**3.52**	**3.56**	**3.55**	*3.50*	*3.51*	*3.50*	*3.46*	*3.45*	**3.46**	*3.53*	*3.48*
Pipeline and Distribution Use	**2.22**	**1.46**	**1.50**	**1.78**	**2.33**	**1.52**	**1.53**	*1.79*	*2.25*	*1.51*	*1.48*	*1.76*	**1.74**	*1.79*	*1.75*
Vehicle Use	**0.09**	**0.09**	**0.09**	**0.09**	**0.09**	**0.09**	**0.09**	*0.09*	*0.09*	*0.09*	*0.09*	*0.09*	**0.09**	*0.09*	*0.09*
Total Consumption	**79.55**	**52.33**	**53.69**	**63.91**	**83.40**	**54.56**	**57.45**	*65.51*	*81.95*	*55.66*	*57.20*	*66.33*	**62.30**	*65.16*	*65.22*
End-of-period Inventories (billion cubic feet)															
Working Gas Inventory	**1,656**	**2,752**	**3,643**	**3,131**	**1,662**	**2,741**	**3,487**	*3,139*	*1,707*	*2,673*	*3,464*	*3,072*	**3,131**	*3,139*	*3,072*
Producing Region (d)	**734**	**1,003**	**1,164**	**1,012**	**627**	**962**	**1,077**	*1,051*	*731*	*953*	*1,056*	*998*	**1,012**	*1,051*	*998*
East Consuming Region (d)	**644**	**1,322**	**1,988**	**1,686**	**744**	**1,330**	**1,912**	*1,653*	*704*	*1,306*	*1,917*	*1,638*	**1,686**	*1,653*	*1,638*
West Consuming Region (d)	**279**	**427**	**490**	**433**	**291**	**450**	**497**	*435*	*272*	*414*	*491*	*437*	**433**	*435*	*437*

- = 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 - October 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**	**0.14**	*0.46*	*0.99*	*0.37*	*0.15*	*0.46*	**0.47**	*0.47*	*0.49*
Middle Atlantic	**4.79**	**1.43**	**0.64**	**2.60**	**4.60**	**1.21**	**0.60**	*2.66*	*4.72*	*1.54*	*0.65*	*2.71*	**2.35**	*2.26*	*2.39*
E. N. Central	**7.50**	**2.19**	**0.87**	**4.13**	**7.34**	**1.79**	**0.83**	*4.32*	*7.22*	*2.20*	*0.87*	*4.45*	**3.66**	*3.55*	*3.67*
W. N. Central	**2.52**	**0.71**	**0.28**	**1.36**	**2.60**	**0.57**	**0.27**	*1.37*	*2.56*	*0.70*	*0.28*	*1.38*	**1.21**	*1.20*	*1.22*
S. Atlantic	**2.44**	**0.56**	**0.32**	**1.56**	**2.81**	**0.49**	**0.32**	*1.54*	*2.45*	*0.57*	*0.32*	*1.55*	**1.22**	*1.28*	*1.22*
E. S. Central	**1.03**	**0.24**	**0.12**	**0.56**	**1.29**	**0.21**	**0.11**	*0.54*	*1.06*	*0.24*	*0.12*	*0.55*	**0.49**	*0.53*	*0.49*
W. S. Central	**1.71**	**0.53**	**0.28**	**1.04**	**2.47**	**0.53**	**0.30**	*0.90*	*1.93*	*0.53*	*0.30*	*0.96*	**0.89**	*1.04*	*0.92*
Mountain	**1.67**	**0.67**	**0.30**	**1.30**	**1.88**	**0.73**	**0.30**	*1.18*	*1.92*	*0.70*	*0.31*	*1.21*	**0.98**	*1.02*	*1.03*
Pacific	**2.80**	**1.35**	**0.81**	**1.96**	**2.63**	**1.48**	**0.84**	*1.91*	*2.85*	*1.41*	*0.83*	*1.95*	**1.73**	*1.71*	*1.76*
Total	**25.43**	**8.02**	**3.75**	**14.95**	**26.59**	**7.30**	**3.71**	*14.88*	*25.69*	*8.27*	*3.82*	*15.22*	**12.98**	*13.06*	*13.20*
Commercial Sector															
New England	**0.61**	**0.24**	**0.14**	**0.31**	**0.60**	**0.22**	**0.14**	*0.32*	*0.61*	*0.25*	*0.14*	*0.32*	**0.32**	*0.32*	*0.33*
Middle Atlantic	**2.85**	**1.16**	**0.88**	**1.76**	**2.78**	**1.12**	**0.89**	*1.81*	*2.90*	*1.23*	*0.91*	*1.80*	**1.66**	*1.64*	*1.70*
E. N. Central	**3.67**	**1.21**	**0.73**	**2.25**	**3.62**	**1.06**	**0.70**	*2.30*	*3.73*	*1.23*	*0.72*	*2.33*	**1.96**	*1.91*	*1.99*
W. N. Central	**1.53**	**0.52**	**0.30**	**0.96**	**1.56**	**0.45**	**0.29**	*0.89*	*1.55*	*0.50*	*0.29*	*0.90*	**0.82**	*0.80*	*0.80*
S. Atlantic	**1.62**	**0.70**	**0.56**	**1.17**	**1.76**	**0.67**	**0.55**	*1.16*	*1.62*	*0.72*	*0.56*	*1.15*	**1.01**	*1.03*	*1.01*
E. S. Central	**0.63**	**0.24**	**0.18**	**0.40**	**0.76**	**0.23**	**0.17**	*0.39*	*0.65*	*0.24*	*0.18*	*0.38*	**0.36**	*0.38*	*0.36*
W. S. Central	**1.11**	**0.60**	**0.46**	**0.78**	**1.36**	**0.58**	**0.46**	*0.71*	*1.15*	*0.60*	*0.46*	*0.73*	**0.74**	*0.77*	*0.73*
Mountain	**1.00**	**0.50**	**0.29**	**0.78**	**1.07**	**0.52**	**0.28**	*0.69*	*1.05*	*0.50*	*0.28*	*0.71*	**0.64**	*0.64*	*0.63*
Pacific	**1.32**	**0.84**	**0.67**	**1.04**	**1.22**	**0.86**	**0.68**	*1.06*	*1.29*	*0.87*	*0.69*	*1.05*	**0.96**	*0.95*	*0.97*
Total	**14.35**	**6.00**	**4.21**	**9.46**	**14.72**	**5.71**	**4.16**	*9.32*	*14.54*	*6.12*	*4.22*	*9.37*	**8.48**	*8.45*	*8.53*
Industrial Sector															
New England	**0.38**	**0.26**	**0.22**	**0.32**	**0.45**	**0.28**	**0.22**	*0.32*	*0.45*	*0.30*	*0.23*	*0.32*	**0.29**	*0.31*	*0.32*
Middle Atlantic	**0.98**	**0.72**	**0.66**	**0.86**	**1.02**	**0.75**	**0.68**	*0.86*	*1.01*	*0.75*	*0.69*	*0.86*	**0.80**	*0.83*	*0.83*
E. N. Central	**3.28**	**2.17**	**2.07**	**2.85**	**3.49**	**2.61**	**2.42**	*2.95*	*3.65*	*2.64*	*2.45*	*3.08*	**2.59**	*2.86*	*2.95*
W. N. Central	**1.71**	**1.34**	**1.38**	**1.66**	**1.86**	**1.52**	**1.55**	*1.72*	*1.91*	*1.56*	*1.56*	*1.80*	**1.52**	*1.66*	*1.71*
S. Atlantic	**1.37**	**1.26**	**1.26**	**1.38**	**1.54**	**1.34**	**1.33**	*1.35*	*1.48*	*1.37*	*1.31*	*1.34*	**1.32**	*1.39*	*1.37*
E. S. Central	**1.14**	**1.02**	**1.07**	**1.23**	**1.35**	**1.15**	**1.11**	*1.25*	*1.35*	*1.15*	*1.13*	*1.29*	**1.11**	*1.22*	*1.23*
W. S. Central	**5.95**	**5.81**	**5.94**	**6.29**	**6.79**	**6.52**	**6.36**	*6.35*	*6.55*	*6.36*	*6.39*	*6.53*	**6.00**	*6.50*	*6.46*
Mountain	**0.85**	**0.68**	**0.63**	**0.81**	**0.88**	**0.68**	**0.64**	*0.81*	*0.89*	*0.70*	*0.66*	*0.83*	**0.75**	*0.75*	*0.77*
Pacific	**2.33**	**2.16**	**2.38**	**2.32**	**2.40**	**2.34**	**2.40**	*2.45*	*2.48*	*2.34*	*2.46*	*2.54*	**2.30**	*2.40*	*2.46*
Total	**18.01**	**15.42**	**15.62**	**17.72**	**19.78**	**17.19**	**16.72**	*18.07*	*19.78*	*17.17*	*16.88*	*18.60*	**16.69**	*17.93*	*18.10*

- = 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 - October 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**	**4.07**	*3.94*	*4.26*	*4.16*	*4.13*	*4.49*	**3.72**	*4.22*	*4.26*
Henry Hub Spot Price	**4.71**	**3.82**	**3.26**	**4.47**	**5.30**	**4.45**	**4.41**	*4.29*	*4.79*	*4.53*	*4.48*	*5.08*	**4.06**	*4.61*	*4.72*
Residential															
New England	**17.27**	**17.28**	**17.61**	**15.00**	**14.84**	**16.49**	**18.71**	*16.10*	*15.78*	*16.79*	*19.04*	*16.60*	**16.77**	*15.71*	*16.42*
Middle Atlantic	**15.02**	**15.14**	**17.98**	**13.70**	**12.79**	**15.17**	**18.73**	*14.60*	*13.61*	*14.68*	*18.62*	*14.97*	**14.87**	*14.05*	*14.51*
E. N. Central	**10.96**	**10.85**	**14.52**	**9.40**	**9.54**	**12.24**	**16.08**	*10.36*	*9.85*	*11.52*	*15.02*	*10.74*	**10.71**	*10.52*	*10.68*
W. N. Central	**10.21**	**10.86**	**14.95**	**9.35**	**9.08**	**11.87**	**16.25**	*9.98*	*9.35*	*11.33*	*16.06*	*10.48*	**10.33**	*10.08*	*10.34*
S. Atlantic	**14.49**	**17.95**	**22.77**	**13.42**	**12.62**	**18.74**	**23.60**	*14.97*	*13.76*	*18.24*	*25.14*	*15.80*	**15.09**	*14.59*	*15.69*
E. S. Central	**13.43**	**14.78**	**17.30**	**11.15**	**10.51**	**14.81**	**18.72**	*12.92*	*11.86*	*14.70*	*19.77*	*13.77*	**13.17**	*11.97*	*13.22*
W. S. Central	**11.35**	**13.16**	**16.72**	**10.13**	**9.72**	**13.93**	**18.31**	*11.48*	*9.93*	*14.07*	*19.19*	*12.40*	**11.69**	*11.25*	*11.92*
Mountain	**10.56**	**10.48**	**13.44**	**9.32**	**9.24**	**9.83**	**13.18**	*9.14*	*9.17*	*9.96*	*13.09*	*9.63*	**10.36**	*9.61*	*9.73*
Pacific	**10.62**	**10.10**	**10.51**	**10.17**	**10.43**	**10.47**	**10.97**	*9.71*	*10.11*	*10.19*	*10.87*	*10.31*	**10.38**	*10.30*	*10.27*
U.S. Average	**12.15**	**12.25**	**14.76**	**10.80**	**10.61**	**12.58**	**15.81**	*11.58*	*11.06*	*12.38*	*15.80*	*12.09*	**11.96**	*11.54*	*11.91*
Commercial															
New England	**14.30**	**12.80**	**11.44**	**11.09**	**12.10**	**12.39**	**12.23**	*12.30*	*12.69*	*12.04*	*12.58*	*12.86*	**13.01**	*12.21*	*12.61*
Middle Atlantic	**12.29**	**10.12**	**9.41**	**10.26**	**10.73**	**9.54**	**9.49**	*10.89*	*11.23*	*10.15*	*9.74*	*11.28*	**11.04**	*10.41*	*10.86*
E. N. Central	**10.45**	**9.08**	**9.15**	**8.41**	**8.85**	**9.21**	**9.78**	*8.65*	*8.72*	*9.18*	*9.66*	*9.14*	**9.56**	*8.92*	*8.98*
W. N. Central	**9.44**	**8.04**	**8.21**	**7.68**	**8.36**	**8.38**	**9.47**	*8.09*	*8.30*	*8.28*	*9.17*	*8.61*	**8.61**	*8.37*	*8.45*
S. Atlantic	**12.05**	**11.16**	**10.92**	**10.46**	**10.53**	**10.74**	**11.24**	*11.44*	*11.39*	*10.96*	*11.67*	*12.08*	**11.28**	*10.88*	*11.53*
E. S. Central	**12.35**	**11.04**	**10.44**	**9.55**	**9.43**	**10.13**	**11.03**	*11.11*	*10.74*	*10.64*	*11.51*	*11.73*	**11.15**	*10.10*	*11.07*
W. S. Central	**9.62**	**8.68**	**8.95**	**8.12**	**8.48**	**9.06**	**9.34**	*8.84*	*8.28*	*8.52*	*9.07*	*9.49*	**8.93**	*8.78*	*8.75*
Mountain	**9.27**	**8.72**	**9.39**	**8.25**	**8.34**	**8.11**	**9.13**	*8.57*	*8.49*	*8.11*	*8.91*	*8.85*	**8.86**	*8.44*	*8.56*
Pacific	**10.05**	**8.95**	**8.93**	**9.26**	**9.48**	**8.97**	**9.00**	*8.66*	*9.24*	*8.22*	*8.56*	*8.99*	**9.43**	*9.05*	*8.84*
U.S. Average	**10.74**	**9.37**	**9.41**	**8.91**	**9.31**	**9.26**	**9.74**	*9.35*	*9.56*	*9.29*	*9.76*	*9.85*	**9.84**	*9.36*	*9.62*
Industrial															
New England	**13.77**	**11.78**	**9.68**	**10.97**	**12.37**	**10.87**	**9.91**	*10.79*	*12.20*	*11.52*	*10.60*	*11.87*	**12.12**	*11.25*	*11.74*
Middle Atlantic	**11.43**	**8.87**	**7.92**	**8.93**	**10.06**	**9.00**	**9.10**	*9.63*	*10.14*	*8.81*	*8.52*	*10.46*	**9.83**	*9.61*	*9.76*
E. N. Central	**9.60**	**6.91**	**6.30**	**6.96**	**7.95**	**7.00**	**7.26**	*7.12*	*7.72*	*7.45*	*7.30*	*7.80*	**8.00**	*7.46*	*7.64*
W. N. Central	**7.78**	**5.03**	**4.49**	**5.91**	**6.76**	**5.67**	**5.64**	*5.74*	*6.69*	*5.38*	*5.42*	*6.38*	**6.00**	*6.01*	*6.07*
S. Atlantic	**8.63**	**6.27**	**5.88**	**6.63**	**7.60**	**6.14**	**7.17**	*7.66*	*7.98*	*7.03*	*7.35*	*8.38*	**6.97**	*7.21*	*7.72*
E. S. Central	**7.99**	**5.58**	**5.04**	**5.94**	**7.22**	**5.71**	**6.24**	*6.86*	*7.59*	*6.51*	*6.70*	*7.59*	**6.24**	*6.57*	*7.14*
W. S. Central	**4.70**	**3.76**	**3.59**	**4.55**	**5.60**	**4.36**	**4.79**	*4.42*	*4.85*	*4.92*	*4.89*	*5.18*	**4.15**	*4.77*	*4.96*
Mountain	**8.28**	**6.96**	**6.64**	**7.37**	**7.32**	**6.37**	**7.28**	*7.91*	*8.29*	*7.48*	*7.55*	*8.43*	**7.41**	*7.22*	*8.00*
Pacific	**8.26**	**7.06**	**7.18**	**7.44**	**7.77**	**7.00**	**6.81**	*7.24*	*7.74*	*6.64*	*6.38*	*7.63*	**7.56**	*7.23*	*7.17*
U.S. Average	**6.53**	**4.63**	**4.25**	**5.43**	**6.58**	**5.02**	**5.40**	*5.47*	*6.24*	*5.58*	*5.50*	*6.22*	**5.28**	*5.64*	*5.91*

- = 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 - October 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**	**265.1**	**273.5**	*279.1*	*271.1*	*266.1*	*282.5*	*274.7*	**1072.8**	*1083.0*	*1094.4*
Appalachia	**94.8**	**84.1**	**80.7**	**81.0**	**84.4**	**84.4**	**84.3**	*88.9*	*86.5*	*84.9*	*90.2*	*87.7*	**340.6**	*342.0*	*349.3*
Interior	**37.1**	**37.5**	**36.9**	**36.1**	**37.7**	**37.8**	**37.0**	*39.0*	*37.4*	*36.7*	*39.0*	*37.9*	**147.6**	*151.4*	*151.1*
Western	**149.6**	**141.0**	**151.1**	**142.9**	**143.3**	**142.8**	**152.2**	*151.2*	*147.1*	*144.5*	*153.3*	*149.1*	**584.5**	*589.6*	*594.0*
Primary Inventory Withdrawals	**-6.6**	**-2.8**	**2.3**	**0.4**	**-2.4**	**1.5**	**6.2**	*0.3*	*4.8*	*-1.7*	*1.0*	*1.2*	**-6.6**	*5.6*	*5.2*
Imports	**6.3**	**5.4**	**5.4**	**5.4**	**4.8**	**5.1**	**4.3**	*4.7*	*5.1*	*7.4*	*7.2*	*6.3*	**22.6**	*18.9*	*25.9*
Exports	**13.3**	**13.0**	**15.2**	**17.7**	**17.8**	**22.0**	**18.4**	*18.4*	*14.1*	*19.2*	*21.0*	*19.6*	**59.1**	*76.5*	*74.0*
Metallurgical Coal	**8.5**	**6.5**	**10.4**	**11.9**	**14.2**	**15.6**	**13.8**	*13.2*	*9.8*	*13.3*	*15.6*	*13.9*	**37.3**	*56.8*	*52.6*
Steam Coal	**4.9**	**6.4**	**4.8**	**5.8**	**3.6**	**6.4**	**4.5**	*5.2*	*4.3*	*5.9*	*5.4*	*5.7*	**21.8**	*19.7*	*21.3*
Total Primary Supply	**267.9**	**252.4**	**261.2**	**248.3**	**249.9**	**249.7**	**265.7**	*265.6*	*266.8*	*252.6*	*269.7*	*262.5*	**1029.7**	*1030.9*	*1051.6*
Secondary Inventory Withdrawals	**-11.8**	**-21.0**	**-1.2**	**6.8**	**15.9**	**-5.3**	**21.8**	*-3.7*	*-1.4*	*-9.9*	*13.2*	*-4.4*	**-27.1**	*28.8*	*-2.5*
Waste Coal (a)	**3.1**	**2.8**	**3.2**	**3.3**	**3.1**	**3.3**	**3.2**	*3.2*	*3.2*	*3.2*	*3.2*	*3.2*	**12.4**	*12.7*	*12.7*
Total Supply	**259.2**	**234.1**	**263.3**	**258.4**	**268.9**	**247.7**	**290.6**	*265.2*	*268.6*	*245.8*	*286.0*	*261.3*	**1015.0**	*1072.4*	*1061.8*
Consumption (million short tons)															
Coke Plants	**4.4**	**3.4**	**3.4**	**4.1**	**4.9**	**5.4**	**5.2**	*5.1*	*5.8*	*5.0*	*5.8*	*5.4*	**15.3**	*20.6*	*22.0*
Electric Power Sector (b)	**237.6**	**216.9**	**245.2**	**236.9**	**246.9**	**230.2**	**273.5**	*248.2*	*250.2*	*229.6*	*268.5*	*244.0*	**936.5**	*998.8*	*992.3*
Retail and Other Industry	**13.2**	**11.2**	**11.7**	**12.5**	**13.4**	**12.3**	**11.8**	*11.8*	*12.6*	*11.2*	*11.7*	*11.9*	**48.6**	*49.3*	*47.4*
Residential and Commercial	**1.1**	**0.7**	**0.6**	**0.9**	**1.0**	**0.6**	**0.6**	*0.8*	*1.1*	*0.7*	*0.6*	*0.9*	**3.2**	*3.0*	*3.2*
Other Industrial	**12.1**	**10.6**	**11.1**	**11.6**	**12.3**	**11.7**	**11.2**	*11.0*	*11.6*	*10.6*	*11.0*	*11.0*	**45.4**	*46.2*	*44.2*
Total Consumption	**255.1**	**231.5**	**260.4**	**253.4**	**265.1**	**247.8**	**290.8**	*265.2*	*268.6*	*245.8*	*286.0*	*261.3*	**1000.4**	*1068.8*	*1061.8*
Discrepancy (c)	**4.1**	**2.7**	**2.9**	**5.0**	**3.8**	**-0.1**	**-0.2**	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	**14.6**	*3.5*	*0.0*
End-of-period Inventories (million short tons)															
Primary Inventories (d)	**41.3**	**44.0**	**41.7**	**41.3**	**43.7**	**42.2**	**36.0**	*35.7*	*30.9*	*32.6*	*31.6*	*30.5*	**41.3**	*35.7*	*30.5*
Secondary Inventories	**182.2**	**203.2**	**204.4**	**197.6**	**181.6**	**186.9**	**165.1**	*168.8*	*170.2*	*180.2*	*167.0*	*171.4*	**197.6**	*168.8*	*171.4*
Electric Power Sector	**174.3**	**195.9**	**197.2**	**190.0**	**175.4**	**180.2**	**157.9**	*161.3*	*163.5*	*173.1*	*159.4*	*163.4*	**190.0**	*161.3*	*163.4*
Retail and General Industry	**5.3**	**5.1**	**5.1**	**5.1**	**4.2**	**4.3**	**4.8**	*5.1*	*4.3*	*4.6*	*5.1*	*5.4*	**5.1**	*5.1*	*5.4*
Coke Plants	**2.1**	**1.8**	**1.6**	**2.0**	**1.6**	**2.0**	**1.9**	*1.9*	*1.9*	*2.0*	*2.0*	*2.1*	**2.0**	*1.9*	*2.1*
Coal Market Indicators															
Coal Miner Productivity (Tons per hour)	**5.73**	**5.63**	**5.60**	**5.60**	**5.75**	**5.84**	**5.84**	*5.84*	*5.84*	*5.84*	*5.84*	*5.84*	**5.64**	*5.82*	*5.84*
Total Raw Steel Production (Million short tons per day)	**0.146**	**0.153**	**0.186**	**0.214**	**0.234**	**0.253**	**0.245**	*0.248*	*0.255*	*0.265*	*0.260*	*0.253*	**0.175**	*0.245*	*0.258*
Cost of Coal to Electric Utilities (Dollars per million Btu)	**2.26**	**2.23**	**2.20**	**2.15**	**2.27**	**2.27**	**2.27**	*2.25*	*2.26*	*2.25*	*2.23*	*2.19*	**2.21**	*2.26*	*2.23*

- = no data available

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

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

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

(d) Primary stocks are held at the mines 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 - October 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**	**12.67**	*10.69*	*11.03*	*10.96*	*12.60*	*10.79*	**10.83**	*11.32*	*11.35*
Electric Power Sector (a)	**10.38**	**10.08**	**11.35**	**9.99**	**10.60**	**10.50**	**12.24**	*10.29*	*10.63*	*10.58*	*12.19*	*10.40*	**10.45**	*10.91*	*10.95*
Industrial Sector	**0.35**	**0.34**	**0.37**	**0.37**	**0.39**	**0.38**	**0.40**	*0.37*	*0.38*	*0.36*	*0.39*	*0.37*	**0.36**	*0.38*	*0.37*
Commercial Sector	**0.02**	**0.02**	**0.02**	**0.02**	**0.02**	**0.02**	**0.02**	*0.02*	*0.02*	*0.02*	*0.02*	*0.02*	**0.02**	*0.02*	*0.02*
Net Imports	**0.06**	**0.08**	**0.13**	**0.10**	**0.12**	**0.07**	**0.09**	*0.07*	*0.06*	*0.08*	*0.12*	*0.07*	**0.09**	*0.09*	*0.08*
Total Supply	**10.82**	**10.53**	**11.87**	**10.48**	**11.13**	**10.97**	**12.76**	*10.76*	*11.10*	*11.04*	*12.72*	*10.86*	**10.92**	*11.41*	*11.43*
Losses and Unaccounted for (b)	**0.51**	**0.85**	**0.66**	**0.68**	**0.42**	**0.87**	**0.64**	*0.66*	*0.54*	*0.85*	*0.75*	*0.70*	**0.67**	*0.65*	*0.71*
Electricity Consumption (billion kilowatthours per day)															
Retail Sales	**9.86**	**9.24**	**10.74**	**9.34**	**10.22**	**9.63**	**11.61**	*9.62*	*10.08*	*9.73*	*11.48*	*9.70*	**9.80**	*10.27*	*10.25*
Residential Sector	**3.98**	**3.29**	**4.25**	**3.42**	**4.26**	**3.41**	**4.76**	*3.53*	*3.98*	*3.42*	*4.59*	*3.53*	**3.73**	*3.99*	*3.88*
Commercial Sector	**3.51**	**3.56**	**3.96**	**3.47**	**3.50**	**3.62**	**4.13**	*3.53*	*3.52*	*3.66*	*4.15*	*3.58*	**3.62**	*3.70*	*3.73*
Industrial Sector	**2.35**	**2.37**	**2.51**	**2.43**	**2.44**	**2.58**	**2.70**	*2.54*	*2.56*	*2.64*	*2.72*	*2.56*	**2.42**	*2.57*	*2.62*
Transportation Sector	**0.02**	**0.02**	**0.02**	**0.02**	**0.02**	**0.02**	**0.02**	*0.02*	*0.02*	*0.02*	*0.02*	*0.02*	**0.02**	*0.02*	*0.02*
Direct Use (c)	**0.45**	**0.44**	**0.47**	**0.46**	**0.49**	**0.48**	**0.51**	*0.47*	*0.48*	*0.46*	*0.49*	*0.46*	**0.45**	*0.49*	*0.47*
Total Consumption	**10.31**	**9.67**	**11.21**	**9.80**	**10.72**	**10.10**	**12.12**	*10.09*	*10.56*	*10.19*	*11.97*	*10.16*	**10.25**	*10.76*	*10.72*
Prices															
Power Generation Fuel Costs (dollars per million Btu)															
Coal	**2.26**	**2.23**	**2.20**	**2.15**	**2.27**	**2.27**	**2.27**	*2.25*	*2.26*	*2.25*	*2.23*	*2.19*	**2.21**	*2.26*	*2.23*
Natural Gas	**5.45**	**4.43**	**4.07**	**5.18**	**6.06**	**4.89**	**5.11**	*4.99*	*5.45*	*5.17*	*5.17*	*5.56*	**4.69**	*5.22*	*5.32*
Residual Fuel Oil	**6.80**	**8.26**	**10.65**	**11.24**	**11.74**	**11.96**	**11.27**	*11.78*	*12.15*	*12.51*	*12.61*	*12.79*	**8.85**	*11.64*	*12.50*
Distillate Fuel Oil	**11.10**	**12.30**	**14.59**	**15.55**	**15.70**	**16.29**	**16.26**	*17.15*	*17.34*	*17.61*	*17.96*	*18.31*	**13.10**	*16.29*	*17.78*
End-Use Prices (cents per kilowatthour)															
Residential Sector	**11.15**	**11.74**	**11.96**	**11.29**	**10.86**	**11.88**	**12.07**	*11.52*	*11.03*	*11.94*	*12.27*	*11.67*	**11.55**	*11.59*	*11.75*
Commercial Sector	**10.09**	**10.20**	**10.58**	**9.92**	**9.83**	**10.22**	**10.76**	*10.28*	*9.96*	*10.40*	*10.86*	*10.33*	**10.21**	*10.30*	*10.41*
Industrial Sector	**6.85**	**6.91**	**7.07**	**6.55**	**6.53**	**6.76**	**7.21**	*6.71*	*6.43*	*6.71*	*7.18*	*6.71*	**6.84**	*6.81*	*6.77*

- = 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 colocated facilities for which revenue information is not available. See Table 7.6 of the EIA *Monthly Energy Review* .

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

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

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

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

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

Energy Information Administration/Short-Term Energy Outlook - October 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**	**114**	**153**	*123*	*143*	*115*	*142*	*126*	**126**	*133*	*131*
Middle Atlantic	**399**	**306**	**379**	**329**	**393**	**326**	**443**	*341*	*392*	*319*	*420*	*340*	**353**	*376*	*368*
E. N. Central	**571**	**434**	**515**	**480**	**578**	**455**	**652**	*492*	*568*	*454*	*594*	*496*	**500**	*544*	*528*
W. N. Central	**317**	**241**	**290**	**262**	**335**	**249**	**355**	*271*	*319*	*257*	*344*	*275*	**278**	*302*	*298*
S. Atlantic	**993**	**837**	**1,102**	**854**	**1,128**	**875**	**1,238**	*882*	*1,004*	*877*	*1,196*	*896*	**947**	*1,031*	*994*
E. S. Central	**355**	**276**	**370**	**282**	**408**	**293**	**438**	*299*	*354*	*287*	*407*	*296*	**321**	*359*	*336*
W. S. Central	**499**	**493**	**717**	**451**	**592**	**511**	**752**	*476*	*496*	*501*	*724*	*464*	**540**	*583*	*547*
Mountain	**240**	**230**	**323**	**230**	**243**	**227**	**323**	*231*	*244*	*235*	*332*	*231*	**256**	*256*	*261*
Pacific contiguous	**442**	**354**	**410**	**395**	**424**	**342**	**392**	*396*	*445*	*357*	*419*	*390*	**400**	*388*	*402*
AK and HI	**15**	**13**	**13**	**15**	**15**	**13**	**13**	*15*	*15*	*14*	*14*	*15*	**14**	*14*	*14*
Total	**3,976**	**3,293**	**4,250**	**3,418**	**4,258**	**3,405**	**4,760**	*3,526*	*3,979*	*3,415*	*4,591*	*3,529*	**3,734**	*3,987*	*3,879*
Commercial Sector															
New England	**128**	**118**	**131**	**119**	**124**	**121**	**141**	*121*	*128*	*124*	*139*	*123*	**124**	*126*	*128*
Middle Atlantic	**449**	**422**	**476**	**417**	**443**	**434**	**506**	*434*	*454*	*438*	*502*	*437*	**441**	*454*	*458*
E. N. Central	**555**	**536**	**567**	**520**	**543**	**541**	**604**	*523*	*552*	*556*	*611*	*544*	**544**	*553*	*566*
W. N. Central	**265**	**260**	**281**	**257**	**265**	**267**	**300**	*262*	*265*	*270*	*304*	*268*	**266**	*273*	*277*
S. Atlantic	**787**	**827**	**918**	**795**	**793**	**852**	**958**	*809*	*791*	*844*	*961*	*818*	**832**	*853*	*854*
E. S. Central	**216**	**224**	**253**	**209**	**222**	**230**	**273**	*217*	*217*	*231*	*269*	*220*	**226**	*235*	*234*
W. S. Central	**426**	**463**	**546**	**442**	**441**	**481**	**573**	*459*	*433*	*485*	*564*	*460*	**469**	*489*	*486*
Mountain	**236**	**249**	**281**	**241**	**234**	**251**	**285**	*244*	*236*	*254*	*288*	*247*	**252**	*254*	*256*
Pacific contiguous	**432**	**445**	**490**	**449**	**418**	**424**	**475**	*447*	*431*	*440*	*493*	*448*	**454**	*441*	*453*
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**	**3,616**	**4,132**	*3,533*	*3,524*	*3,658*	*4,148*	*3,582*	**3,625**	*3,697*	*3,729*
Industrial Sector															
New England	**77**	**75**	**79**	**76**	**76**	**78**	**81**	*76*	*76*	*78*	*81*	*77*	**77**	*78*	*78*
Middle Atlantic	**177**	**175**	**184**	**174**	**178**	**186**	**194**	*181*	*185*	*188*	*195*	*183*	**178**	*185*	*188*
E. N. Central	**443**	**434**	**456**	**459**	**468**	**486**	**506**	*488*	*496*	*502*	*508*	*487*	**448**	*487*	*498*
W. N. Central	**204**	**201**	**215**	**214**	**218**	**231**	**240**	*230*	*227*	*233*	*247*	*237*	**208**	*230*	*236*
S. Atlantic	**348**	**358**	**375**	**359**	**357**	**392**	**392**	*364*	*371*	*390*	*395*	*370*	**360**	*376*	*382*
E. S. Central	**309**	**298**	**311**	**329**	**335**	**333**	**342**	*354*	*354*	*351*	*351*	*358*	**312**	*341*	*353*
W. S. Central	**375**	**385**	**409**	**385**	**389**	**427**	**448**	*409*	*413*	*435*	*446*	*410*	**389**	*418*	*426*
Mountain	**196**	**207**	**226**	**203**	**197**	**210**	**233**	*208*	*201*	*220*	*234*	*207*	**208**	*212*	*216*
Pacific contiguous	**211**	**221**	**240**	**220**	**212**	**227**	**247**	*221*	*220*	*229*	*247*	*221*	**223**	*227*	*229*
AK and HI	**13**	**14**	**14**	**14**	**13**	**14**	**14**	*14*	*13*	*13*	*14*	*14*	**14**	*14*	*13*
Total	**2,353**	**2,367**	**2,510**	**2,432**	**2,443**	**2,584**	**2,697**	*2,545*	*2,557*	*2,640*	*2,718*	*2,564*	**2,416**	*2,568*	*2,620*
Total All Sectors (a)															
New England	**350**	**303**	**344**	**316**	**343**	**315**	**376**	*322*	*349*	*319*	*363*	*328*	**328**	*339*	*340*
Middle Atlantic	**1,039**	**913**	**1,050**	**931**	**1,026**	**957**	**1,155**	*967*	*1,042*	*956*	*1,129*	*972*	**983**	*1,026*	*1,025*
E. N. Central	**1,570**	**1,405**	**1,539**	**1,460**	**1,592**	**1,483**	**1,763**	*1,506*	*1,617*	*1,513*	*1,714*	*1,528*	**1,493**	*1,586*	*1,593*
W. N. Central	**786**	**702**	**786**	**733**	**818**	**747**	**895**	*763*	*811*	*760*	*894*	*779*	**752**	*806*	*811*
S. Atlantic	**2,132**	**2,026**	**2,398**	**2,012**	**2,282**	**2,123**	**2,591**	*2,059*	*2,170*	*2,114*	*2,556*	*2,087*	**2,142**	*2,264*	*2,232*
E. S. Central	**880**	**797**	**934**	**820**	**964**	**856**	**1,054**	*870*	*925*	*868*	*1,027*	*875*	**858**	*936*	*924*
W. S. Central	**1,301**	**1,342**	**1,672**	**1,278**	**1,423**	**1,419**	**1,773**	*1,343*	*1,343*	*1,422*	*1,734*	*1,334*	**1,399**	*1,490*	*1,459*
Mountain	**672**	**686**	**831**	**674**	**675**	**688**	**841**	*683*	*681*	*710*	*854*	*686*	**716**	*722*	*733*
Pacific contiguous	**1,087**	**1,021**	**1,142**	**1,067**	**1,057**	**995**	**1,117**	*1,066*	*1,098*	*1,029*	*1,161*	*1,061*	**1,079**	*1,059*	*1,087*
AK and HI	**45**	**44**	**45**	**46**	**45**	**43**	**45**	*46*	*46*	*44*	*45*	*46*	**45**	*45*	*45*
Total	**9,862**	**9,239**	**10,741**	**9,337**	**10,224**	**9,626**	**11,610**	*9,624*	*10,082*	*9,734*	*11,478*	*9,696*	**9,796**	*10,273*	*10,250*

- = 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 - October 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**	**16.84**	*17.15*	*17.40*	*17.68*	*17.54*	*17.50*	**17.50**	*16.79*	*17.52*
Middle Atlantic	**14.09**	**15.06**	**16.08**	**14.73**	**14.82**	**16.14**	**16.62**	*15.17*	*14.64*	*15.95*	*17.00*	*15.61*	**14.99**	*15.72*	*15.83*
E. N. Central	**10.39**	**11.32**	**11.28**	**10.71**	**10.39**	**11.77**	**11.46**	*10.79*	*10.45*	*11.57*	*11.61*	*11.05*	**10.90**	*11.09*	*11.16*
W. N. Central	**8.25**	**9.53**	**9.97**	**8.61**	**8.21**	**9.95**	**10.17**	*8.78*	*8.36*	*9.73*	*10.13*	*8.90*	**9.07**	*9.27*	*9.29*
S. Atlantic	**10.93**	**11.37**	**11.53**	**11.15**	**10.38**	**11.23**	**11.56**	*11.24*	*10.51*	*11.26*	*11.59*	*11.18*	**11.25**	*11.10*	*11.15*
E. S. Central	**9.51**	**9.83**	**9.65**	**9.16**	**8.72**	**9.80**	**9.90**	*9.88*	*9.30*	*10.14*	*10.08*	*9.99*	**9.54**	*9.54*	*9.87*
W. S. Central	**11.45**	**11.54**	**11.27**	**10.77**	**10.53**	**11.24**	**11.41**	*11.16*	*10.64*	*11.48*	*11.71*	*11.28*	**11.27**	*11.10*	*11.32*
Mountain	**9.35**	**10.29**	**10.88**	**9.98**	**9.72**	**10.84**	**11.19**	*10.31*	*9.77*	*10.84*	*11.20*	*10.35*	**10.19**	*10.57*	*10.60*
Pacific	**11.52**	**12.26**	**13.74**	**12.00**	**12.06**	**12.47**	**13.39**	*11.89*	*11.74*	*12.56*	*13.88*	*12.22*	**12.38**	*12.44*	*12.60*
U.S. Average	**11.15**	**11.74**	**11.96**	**11.29**	**10.86**	**11.88**	**12.07**	*11.52*	*11.03*	*11.94*	*12.27*	*11.67*	**11.55**	*11.59*	*11.75*
Commercial Sector															
New England	**16.72**	**16.14**	**15.97**	**15.61**	**15.21**	**14.60**	**14.84**	*15.15*	*15.56*	*15.55*	*15.29*	*15.45*	**16.11**	*14.95*	*15.46*
Middle Atlantic	**13.11**	**13.26**	**14.30**	**13.08**	**13.21**	**14.00**	**15.11**	*13.57*	*13.14*	*14.09*	*15.38*	*13.87*	**13.46**	*14.02*	*14.16*
E. N. Central	**8.93**	**9.01**	**9.14**	**8.78**	**8.88**	**9.16**	**9.38**	*9.30*	*9.00*	*9.33*	*9.42*	*9.24*	**8.97**	*9.19*	*9.25*
W. N. Central	**6.89**	**7.55**	**8.05**	**6.99**	**7.06**	**7.88**	**8.43**	*7.23*	*7.04*	*7.82*	*8.41*	*7.23*	**7.38**	*7.68*	*7.65*
S. Atlantic	**9.75**	**9.59**	**9.56**	**9.53**	**9.10**	**9.30**	**9.59**	*9.68*	*9.34*	*9.50*	*9.66*	*9.69*	**9.61**	*9.43*	*9.55*
E. S. Central	**9.50**	**9.26**	**9.21**	**8.84**	**8.80**	**9.27**	**9.49**	*9.71*	*9.30*	*9.60*	*9.52*	*9.62*	**9.21**	*9.33*	*9.51*
W. S. Central	**9.52**	**9.13**	**8.99**	**8.81**	**9.10**	**8.95**	**9.02**	*9.12*	*8.92*	*9.06*	*9.09*	*9.12*	**9.10**	*9.05*	*9.05*
Mountain	**7.97**	**8.62**	**9.07**	**8.48**	**8.25**	**9.09**	**9.28**	*8.78*	*8.36*	*9.01*	*9.25*	*8.83*	**8.56**	*8.88*	*8.89*
Pacific	**10.75**	**12.04**	**13.61**	**11.17**	**10.82**	**11.99**	**13.83**	*11.58*	*10.93*	*12.23*	*13.88*	*11.71*	**11.95**	*12.11*	*12.25*
U.S. Average	**10.09**	**10.20**	**10.58**	**9.92**	**9.83**	**10.22**	**10.76**	*10.28*	*9.96*	*10.40*	*10.86*	*10.33*	**10.21**	*10.30*	*10.41*
Industrial Sector															
New England	**12.25**	**12.10**	**12.18**	**12.05**	**12.38**	**12.89**	**13.32**	*12.88*	*12.49*	*12.42*	*13.09*	*12.68*	**12.15**	*12.88*	*12.67*
Middle Atlantic	**8.19**	**8.48**	**8.30**	**7.91**	**8.48**	**8.44**	**8.85**	*8.14*	*7.96*	*8.21*	*8.78*	*8.10*	**8.22**	*8.48*	*8.27*
E. N. Central	**6.66**	**6.79**	**6.77**	**6.34**	**6.22**	**6.45**	**6.49**	*6.05*	*6.19*	*6.39*	*6.68*	*6.29*	**6.64**	*6.31*	*6.39*
W. N. Central	**5.50**	**5.78**	**6.22**	**5.35**	**5.43**	**5.74**	**6.35**	*5.47*	*5.37*	*5.78*	*6.34*	*5.46*	**5.72**	*5.76*	*5.75*
S. Atlantic	**6.64**	**6.69**	**6.73**	**6.51**	**6.36**	**6.48**	**7.15**	*6.71*	*6.16*	*6.32*	*6.91*	*6.53*	**6.64**	*6.68*	*6.49*
E. S. Central	**5.97**	**6.01**	**5.97**	**5.45**	**5.29**	**5.82**	**6.25**	*5.87*	*5.31*	*5.77*	*6.04*	*5.70*	**5.84**	*5.82*	*5.71*
W. S. Central	**7.07**	**6.41**	**6.08**	**5.96**	**6.22**	**6.13**	**6.39**	*6.33*	*6.13*	*6.24*	*6.38*	*6.32*	**6.37**	*6.27*	*6.27*
Mountain	**5.60**	**6.01**	**6.81**	**5.76**	**5.68**	**6.15**	**6.84**	*6.06*	*5.74*	*6.13*	*6.81*	*6.01*	**6.07**	*6.21*	*6.20*
Pacific	**7.23**	**7.93**	**9.00**	**7.82**	**7.41**	**7.79**	**8.69**	*7.89*	*7.36*	*7.87*	*8.86*	*8.10*	**8.03**	*7.97*	*8.07*
U.S. Average	**6.85**	**6.91**	**7.07**	**6.55**	**6.53**	**6.76**	**7.21**	*6.71*	*6.43*	*6.71*	*7.18*	*6.71*	**6.84**	*6.81*	*6.77*
All Sectors (a)															
New England	**16.17**	**15.79**	**15.55**	**15.17**	**15.10**	**14.89**	**15.30**	*15.34*	*15.60*	*15.52*	*15.65*	*15.55*	**15.68**	*15.17*	*15.58*
Middle Atlantic	**12.64**	**12.95**	**13.87**	**12.69**	**13.00**	**13.64**	**14.62**	*13.10*	*12.77*	*13.53*	*14.81*	*13.36*	**13.06**	*13.63*	*13.65*
E. N. Central	**8.82**	**9.04**	**9.15**	**8.64**	**8.64**	**9.07**	**9.32**	*8.73*	*8.64*	*9.02*	*9.37*	*8.89*	**8.91**	*8.95*	*8.99*
W. N. Central	**7.08**	**7.73**	**8.26**	**7.09**	**7.10**	**7.91**	**8.56**	*7.25*	*7.09*	*7.84*	*8.50*	*7.28*	**7.54**	*7.73*	*7.70*
S. Atlantic	**9.79**	**9.82**	**10.02**	**9.68**	**9.31**	**9.58**	**10.16**	*9.83*	*9.34*	*9.64*	*10.14*	*9.77*	**9.84**	*9.74*	*9.74*
E. S. Central	**8.27**	**8.24**	**8.30**	**7.59**	**7.55**	**8.11**	**8.61**	*8.21*	*7.78*	*8.23*	*8.55*	*8.14*	**8.11**	*8.13*	*8.19*
W. S. Central	**9.55**	**9.24**	**9.25**	**8.64**	**8.91**	**8.93**	**9.37**	*9.00*	*8.70*	*9.05*	*9.49*	*9.01*	**9.18**	*9.07*	*9.09*
Mountain	**7.77**	**8.39**	**9.16**	**8.17**	**8.03**	**8.77**	**9.34**	*8.47*	*8.09*	*8.73*	*9.34*	*8.49*	**8.42**	*8.69*	*8.70*
Pacific	**10.38**	**11.22**	**12.68**	**10.78**	**10.63**	**11.18**	**12.53**	*10.92*	*10.54*	*11.36*	*12.80*	*11.14*	**11.29**	*11.34*	*11.49*
U.S. Average	**9.75**	**9.91**	**10.31**	**9.54**	**9.47**	**9.88**	**10.48**	*9.79*	*9.49*	*9.94*	*10.55*	*9.86*	**9.89**	*9.93*	*9.98*

- = 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 - October 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**	**4.765**	**5.545**	*5.014*	*5.171*	*4.677*	*5.379*	*4.894*	**4.793**	*5.131*	*5.030*
Natural Gas	**1.968**	**2.157**	**3.052**	**2.029**	**2.014**	**2.312**	**3.323**	*2.183*	*1.964*	*2.281*	*3.286*	*2.181*	**2.304**	*2.461*	*2.431*
Other Gases	**0.008**	**0.008**	**0.010**	**0.009**	**0.009**	**0.009**	**0.009**	*0.009*	*0.010*	*0.009*	*0.010*	*0.010*	**0.009**	*0.009*	*0.010*
Petroleum	**0.130**	**0.093**	**0.099**	**0.071**	**0.095**	**0.096**	**0.128**	*0.099*	*0.114*	*0.098*	*0.115*	*0.096*	**0.098**	*0.105*	*0.106*
Residual Fuel Oil	**0.067**	**0.040**	**0.048**	**0.030**	**0.034**	**0.042**	**0.062**	*0.042*	*0.050*	*0.040*	*0.050*	*0.036*	**0.046**	*0.045*	*0.044*
Distillate Fuel Oil	**0.023**	**0.015**	**0.015**	**0.015**	**0.023**	**0.017**	**0.021**	*0.016*	*0.019*	*0.014*	*0.014*	*0.014*	**0.017**	*0.019*	*0.015*
Petroleum Coke	**0.035**	**0.034**	**0.034**	**0.023**	**0.035**	**0.035**	**0.042**	*0.038*	*0.040*	*0.042*	*0.048*	*0.042*	**0.031**	*0.038*	*0.043*
Other Petroleum	**0.006**	**0.003**	**0.003**	**0.003**	**0.003**	**0.002**	**0.003**	*0.003*	*0.005*	*0.003*	*0.004*	*0.003*	**0.004**	*0.003*	*0.004*
Nuclear	**2.284**	**2.138**	**2.292**	**2.041**	**2.249**	**2.116**	**2.273**	*2.159*	*2.258*	*2.185*	*2.324*	*2.155*	**2.188**	*2.199*	*2.230*
Pumped Storage Hydroelectric	**-0.012**	**-0.009**	**-0.015**	**-0.012**	**-0.008**	**-0.008**	**-0.017**	*-0.016*	*-0.015*	*-0.015*	*-0.017*	*-0.017*	**-0.012**	*-0.012*	*-0.016*
Other Fuels (b)	**0.019**	**0.020**	**0.020**	**0.019**	**0.018**	**0.021**	**0.021**	*0.019*	*0.018*	*0.019*	*0.021*	*0.019*	**0.019**	*0.020*	*0.019*
Renewables:															
Conventional Hydroelectric	**0.699**	**0.916**	**0.642**	**0.705**	**0.695**	**0.793**	**0.634**	*0.478*	*0.707*	*0.853*	*0.655*	*0.609*	**0.740**	*0.649*	*0.706*
Geothermal	**0.043**	**0.041**	**0.041**	**0.043**	**0.042**	**0.042**	**0.042**	*0.044*	*0.045*	*0.044*	*0.045*	*0.045*	**0.042**	*0.042*	*0.045*
Solar	**0.001**	**0.003**	**0.003**	**0.001**	**0.001**	**0.004**	**0.004**	*0.002*	*0.002*	*0.006*	*0.007*	*0.003*	**0.002**	*0.003*	*0.004*
Wind	**0.207**	**0.207**	**0.156**	**0.207**	**0.218**	**0.283**	**0.204**	*0.232*	*0.282*	*0.348*	*0.283*	*0.326*	**0.194**	*0.234*	*0.310*
Wood and Wood Waste	**0.030**	**0.027**	**0.031**	**0.029**	**0.031**	**0.028**	**0.034**	*0.031*	*0.032*	*0.029*	*0.034*	*0.032*	**0.029**	*0.031*	*0.032*
Other Renewables	**0.042**	**0.044**	**0.044**	**0.042**	**0.041**	**0.043**	**0.043**	*0.042*	*0.044*	*0.046*	*0.047*	*0.046*	**0.043**	*0.042*	*0.046*
Subtotal Electric Power Sector	**10.379**	**10.080**	**11.346**	**9.990**	**10.603**	**10.503**	**12.243**	*10.295*	*10.632*	*10.579*	*12.188*	*10.398*	**10.450**	*10.914*	*10.952*
Commercial Sector (c)															
Coal	**0.003**	**0.002**	**0.003**	**0.003**	**0.003**	**0.003**	**0.003**	*0.003*	*0.003*	*0.003*	*0.003*	*0.003*	**0.003**	*0.003*	*0.003*
Natural Gas	**0.011**	**0.011**	**0.011**	**0.011**	**0.011**	**0.011**	**0.013**	*0.011*	*0.012*	*0.011*	*0.013*	*0.011*	**0.011**	*0.012*	*0.012*
Petroleum	**0.001**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	*0.000*	*0.000*	*0.000*	*0.000*	*0.000*	**0.000**	*0.000*	*0.000*
Other Fuels (b)	**0.002**	**0.002**	**0.002**	**0.002**	**0.002**	**0.002**	**0.002**	*0.002*	*0.002*	*0.002*	*0.002*	*0.002*	**0.002**	*0.002*	*0.002*
Renewables (d)	**0.004**	**0.004**	**0.005**	**0.004**	**0.004**	**0.005**	**0.005**	*0.004*	*0.004*	*0.005*	*0.005*	*0.005*	**0.004**	*0.004*	*0.004*
Subtotal Commercial Sector	**0.021**	**0.021**	**0.021**	**0.020**	**0.020**	**0.021**	**0.024**	*0.021*	*0.021*	*0.021*	*0.024*	*0.022*	**0.021**	*0.022*	*0.022*
Industrial Sector (c)															
Coal	**0.039**	**0.037**	**0.039**	**0.036**	**0.051**	**0.046**	**0.049**	*0.040*	*0.040*	*0.038*	*0.041*	*0.039*	**0.038**	*0.046*	*0.039*
Natural Gas	**0.203**	**0.197**	**0.216**	**0.211**	**0.221**	**0.215**	**0.225**	*0.209*	*0.223*	*0.209*	*0.224*	*0.207*	**0.207**	*0.218*	*0.216*
Other Gases	**0.019**	**0.018**	**0.023**	**0.022**	**0.022**	**0.023**	**0.025**	*0.023*	*0.021*	*0.022*	*0.024*	*0.022*	**0.021**	*0.023*	*0.022*
Petroleum	**0.010**	**0.008**	**0.008**	**0.006**	**0.007**	**0.006**	**0.008**	*0.007*	*0.008*	*0.007*	*0.008*	*0.007*	**0.008**	*0.007*	*0.008*
Other Fuels (b)	**0.007**	**0.009**	**0.009**	**0.009**	**0.009**	**0.010**	**0.010**	*0.009*	*0.008*	*0.009*	*0.010*	*0.009*	**0.009**	*0.009*	*0.009*
Renewables:															
Conventional Hydroelectric	**0.005**	**0.006**	**0.004**	**0.005**	**0.006**	**0.005**	**0.004**	*0.005*	*0.005*	*0.005*	*0.004*	*0.005*	**0.005**	*0.005*	*0.005*
Wood and Wood Waste	**0.068**	**0.066**	**0.073**	**0.074**	**0.075**	**0.072**	**0.076**	*0.075*	*0.073*	*0.068*	*0.074*	*0.074*	**0.070**	*0.074*	*0.072*
Other Renewables (e)	**0.002**	**0.002**	**0.002**	**0.002**	**0.002**	**0.002**	**0.002**	*0.002*	*0.002*	*0.002*	*0.002*	*0.002*	**0.002**	*0.002*	*0.002*
Subtotal Industrial Sector	**0.353**	**0.344**	**0.375**	**0.365**	**0.392**	**0.379**	**0.399**	*0.370*	*0.381*	*0.359*	*0.387*	*0.367*	**0.359**	*0.385*	*0.373*
Total All Sectors	**10.753**	**10.445**	**11.743**	**10.375**	**11.015**	**10.903**	**12.667**	*10.686*	*11.035*	*10.960*	*12.599*	*10.786*	**10.830**	*11.321*	*11.348*

- = 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 - October 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**	**2.96**	*2.69*	*2.77*	*2.51*	*2.91*	*2.64*	**2.56**	*2.73*	*2.71*
Natural Gas (bcf/d)	**15.05**	**16.99**	**24.19**	**15.61**	**15.47**	**18.34**	**26.65**	*16.81*	*15.03*	*18.02*	*26.12*	*16.75*	**17.98**	*19.34*	*19.00*
Petroleum (mmb/d) (b)	**0.23**	**0.17**	**0.18**	**0.13**	**0.17**	**0.17**	**0.23**	*0.18*	*0.21*	*0.18*	*0.21*	*0.18*	**0.18**	*0.19*	*0.19*
Residual Fuel Oil (mmb/d)	**0.11**	**0.07**	**0.08**	**0.05**	**0.06**	**0.07**	**0.10**	*0.07*	*0.08*	*0.07*	*0.08*	*0.06*	**0.08**	*0.07*	*0.07*
Distillate Fuel Oil (mmb/d)	**0.04**	**0.03**	**0.03**	**0.03**	**0.04**	**0.03**	**0.04**	*0.03*	*0.04*	*0.03*	*0.03*	*0.03*	**0.03**	*0.04*	*0.03*
Petroleum Coke (mmst/d)	**0.07**	**0.07**	**0.07**	**0.04**	**0.07**	**0.07**	**0.08**	*0.08*	*0.08*	*0.08*	*0.10*	*0.08*	**0.06**	*0.07*	*0.09*
Other Petroleum (mmb/d)	**0.01**	**0.01**	**0.01**	**0.01**	**0.01**	**0.00**	**0.01**	*0.01*	*0.01*	*0.01*	*0.01*	*0.01*	**0.01**	*0.01*	*0.01*
Commercial Sector (c)															
Coal (mmst/d)	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*	**0.00**	*0.00*	*0.00*
Natural Gas (bcf/d)	**0.09**	**0.09**	**0.09**	**0.09**	**0.09**	**0.09**	**0.10**	*0.09*	*0.09*	*0.09*	*0.10*	*0.09*	**0.09**	*0.09*	*0.09*
Petroleum (mmb/d) (b)	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*	**0.00**	*0.00*	*0.00*
Industrial Sector (c)															
Coal (mmst/d)	**0.01**	**0.01**	**0.01**	**0.01**	**0.02**	**0.02**	**0.02**	*0.02*	*0.01*	*0.01*	*0.01*	*0.01*	**0.01**	*0.02*	*0.01*
Natural Gas (bcf/d)	**1.37**	**1.33**	**1.47**	**1.44**	**1.50**	**1.45**	**1.58**	*1.49*	*1.59*	*1.50*	*1.61*	*1.49*	**1.40**	*1.50*	*1.55*
Petroleum (mmb/d) (b)	**0.01**	**0.01**	**0.01**	**0.01**	**0.01**	**0.01**	**0.01**	*0.01*	*0.01*	*0.01*	*0.01*	*0.01*	**0.01**	*0.01*	*0.01*
Total All Sectors															
Coal (mmst/d)	**2.64**	**2.39**	**2.67**	**2.58**	**2.76**	**2.54**	**2.98**	*2.71*	*2.78*	*2.53*	*2.92*	*2.66*	**2.57**	*2.75*	*2.72*
Natural Gas (bcf/d)	**16.51**	**18.40**	**25.74**	**17.13**	**17.06**	**19.88**	**28.33**	*18.39*	*16.71*	*19.61*	*27.83*	*18.34*	**19.46**	*20.94*	*20.64*
Petroleum (mmb/d) (b)	**0.24**	**0.18**	**0.19**	**0.13**	**0.18**	**0.18**	**0.24**	*0.19*	*0.22*	*0.19*	*0.22*	*0.19*	**0.19**	*0.20*	*0.21*
End-of-period Fuel Inventories Held by Electric Power Sector															
Coal (mmst)	**174.3**	**195.9**	**197.2**	**190.0**	**175.4**	**180.2**	**157.9**	*161.3*	*163.5*	*173.1*	*159.4*	*163.4*	**190.0**	*161.3*	*163.4*
Residual Fuel Oil (mmb)	**21.1**	**21.0**	**19.2**	**18.8**	**18.5**	**17.3**	**16.2**	*17.3*	*17.5*	*17.9*	*15.7*	*16.4*	**18.8**	*17.3*	*16.4*
Distillate Fuel Oil (mmb)	**17.1**	**17.6**	**17.9**	**17.8**	**17.3**	**17.1**	**16.7**	*17.2*	*16.6*	*16.8*	*16.9*	*17.4*	**17.8**	*17.2*	*17.4*
Petroleum Coke (mmb)	**3.6**	**3.8**	**4.8**	**7.0**	**5.8**	**5.4**	**5.4**	*4.9*	*5.0*	*4.8*	*4.9*	*4.5*	**7.0**	*4.9*	*4.5*

- = 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 - October 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**	**0.716**	**0.579**	*0.438*	*0.632*	*0.770*	*0.597*	*0.557*	**2.682**	*2.354*	*2.555*
Geothermal	**0.094**	**0.091**	**0.093**	**0.096**	**0.093**	**0.094**	**0.096**	*0.098*	*0.099*	*0.097*	*0.100*	*0.100*	**0.373**	*0.380*	*0.396*
Solar	**0.026**	**0.028**	**0.028**	**0.026**	**0.026**	**0.029**	**0.029**	*0.026*	*0.027*	*0.030*	*0.031*	*0.027*	**0.109**	*0.110*	*0.115*
Wind	**0.184**	**0.185**	**0.141**	**0.187**	**0.194**	**0.254**	**0.185**	*0.210*	*0.250*	*0.312*	*0.257*	*0.296*	**0.697**	*0.843*	*1.115*
Wood	**0.458**	**0.452**	**0.490**	**0.490**	**0.478**	**0.478**	**0.516**	*0.493*	*0.479*	*0.458*	*0.495*	*0.491*	**1.891**	*1.965*	*1.923*
Ethanol (b)	**0.206**	**0.219**	**0.243**	**0.259**	**0.267**	**0.274**	**0.281**	*0.282*	*0.278*	*0.283*	*0.288*	*0.287*	**0.928**	*1.104*	*1.136*
Biodiesel (b)	**0.013**	**0.011**	**0.017**	**0.023**	**0.013**	**0.011**	**0.017**	*0.023*	*0.022*	*0.025*	*0.026*	*0.025*	**0.064**	*0.063*	*0.098*
Other Renewables	**0.112**	**0.111**	**0.113**	**0.111**	**0.107**	**0.111**	**0.120**	*0.112*	*0.106*	*0.115*	*0.124*	*0.116*	**0.447**	*0.450*	*0.460*
Total	**1.718**	**1.925**	**1.711**	**1.837**	**1.799**	**1.966**	**1.826**	*1.681*	*1.893*	*2.090*	*1.917*	*1.899*	**7.191**	*7.272*	*7.799*
Consumption															
Electric Power Sector															
Hydroelectric Power (a)	**0.620**	**0.822**	**0.582**	**0.639**	**0.617**	**0.711**	**0.575**	*0.433*	*0.627*	*0.765*	*0.593*	*0.552*	**2.663**	*2.335*	*2.538*
Geothermal	**0.081**	**0.078**	**0.079**	**0.082**	**0.079**	**0.080**	**0.083**	*0.084*	*0.085*	*0.084*	*0.087*	*0.086*	**0.320**	*0.326*	*0.342*
Solar	**0.001**	**0.003**	**0.003**	**0.001**	**0.001**	**0.004**	**0.004**	*0.001*	*0.002*	*0.005*	*0.006*	*0.002*	**0.008**	*0.010*	*0.015*
Wind	**0.184**	**0.185**	**0.141**	**0.187**	**0.194**	**0.254**	**0.185**	*0.210*	*0.250*	*0.312*	*0.257*	*0.296*	**0.697**	*0.843*	*1.115*
Wood	**0.044**	**0.040**	**0.045**	**0.044**	**0.047**	**0.042**	**0.050**	*0.048*	*0.048*	*0.043*	*0.051*	*0.049*	**0.173**	*0.187*	*0.191*
Other Renewables	**0.063**	**0.064**	**0.064**	**0.062**	**0.060**	**0.062**	**0.063**	*0.062*	*0.063*	*0.066*	*0.069*	*0.067*	**0.253**	*0.247*	*0.265*
Subtotal	**0.992**	**1.191**	**0.914**	**1.017**	**0.997**	**1.153**	**0.961**	*0.839*	*1.075*	*1.275*	*1.064*	*1.052*	**4.113**	*3.950*	*4.466*
Industrial Sector															
Hydroelectric Power (a)	**0.005**	**0.005**	**0.004**	**0.004**	**0.005**	**0.005**	**0.004**	*0.004*	*0.005*	*0.004*	*0.003*	*0.004*	**0.018**	*0.018*	*0.017*
Geothermal	**0.001**	**0.001**	**0.001**	**0.001**	**0.001**	**0.001**	**0.001**	*0.001*	*0.001*	*0.001*	*0.001*	*0.001*	**0.004**	*0.004*	*0.004*
Wood and Wood Waste	**0.291**	**0.287**	**0.319**	**0.320**	**0.308**	**0.311**	**0.339**	*0.321*	*0.305*	*0.289*	*0.318*	*0.317*	**1.217**	*1.278*	*1.229*
Other Renewables	**0.040**	**0.040**	**0.040**	**0.040**	**0.039**	**0.040**	**0.046**	*0.040*	*0.036*	*0.040*	*0.045*	*0.040*	**0.160**	*0.166*	*0.160*
Subtotal	**0.340**	**0.337**	**0.367**	**0.369**	**0.357**	**0.361**	**0.394**	*0.371*	*0.351*	*0.338*	*0.371*	*0.367*	**1.413**	*1.482*	*1.426*
Commercial Sector															
Hydroelectric Power (a)	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	*0.000*	*0.000*	*0.000*	*0.000*	*0.000*	**0.001**	*0.001*	*0.001*
Geothermal	**0.004**	**0.004**	**0.004**	**0.004**	**0.004**	**0.004**	**0.004**	*0.004*	*0.004*	*0.004*	*0.004*	*0.004*	**0.017**	*0.017*	*0.017*
Wood and Wood Waste	**0.018**	**0.018**	**0.018**	**0.018**	**0.018**	**0.018**	**0.020**	*0.017*	*0.019*	*0.019*	*0.019*	*0.018*	**0.072**	*0.073*	*0.075*
Other Renewables	**0.009**	**0.008**	**0.008**	**0.008**	**0.008**	**0.009**	**0.010**	*0.009*	*0.008*	*0.009*	*0.010*	*0.009*	**0.034**	*0.036*	*0.035*
Subtotal	**0.032**	**0.031**	**0.031**	**0.031**	**0.031**	**0.032**	**0.035**	*0.031*	*0.032*	*0.033*	*0.033*	*0.032*	**0.126**	*0.129*	*0.130*
Residential Sector															
Geothermal	**0.008**	**0.008**	**0.008**	**0.008**	**0.008**	**0.008**	**0.008**	*0.008*	*0.008*	*0.008*	*0.008*	*0.008*	**0.033**	*0.033*	*0.033*
Biomass	**0.106**	**0.107**	**0.108**	**0.108**	**0.106**	**0.107**	**0.107**	*0.107*	*0.107*	*0.107*	*0.107*	*0.107*	**0.430**	*0.427*	*0.428*
Solar	**0.025**	**0.025**	**0.025**	**0.025**	**0.025**	**0.025**	**0.025**	*0.025*	*0.025*	*0.025*	*0.025*	*0.025*	**0.101**	*0.100*	*0.100*
Subtotal	**0.139**	**0.140**	**0.142**	**0.142**	**0.139**	**0.140**	**0.140**	*0.140*	*0.140*	*0.140*	*0.140*	*0.140*	**0.563**	*0.560*	*0.561*
Transportation Sector															
Ethanol (b)	**0.201**	**0.233**	**0.247**	**0.256**	**0.256**	**0.278**	**0.285**	*0.283*	*0.277*	*0.285*	*0.290*	*0.289*	**0.936**	*1.102*	*1.142*
Biodiesel (b)	**0.005**	**0.010**	**0.015**	**0.018**	**0.012**	**0.010**	**0.013**	*0.021*	*0.020*	*0.023*	*0.024*	*0.023*	**0.047**	*0.057*	*0.090*
Total Consumption	**1.704**	**1.937**	**1.712**	**1.830**	**1.788**	**1.969**	**1.822**	*1.681*	*1.891*	*2.090*	*1.918*	*1.899*	**7.183**	*7.259*	*7.797*

- = 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 CO_2 Emissions

Energy Information Administration/Short-Term Energy Outlook - October 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**	**13,192**	**13,236**	*13,294*	*13,370*	*13,441*	*13,527*	*13,652*	**12,881**	*13,215*	*13,498*
Real Disposable Personal Income															
(billion chained 2005 Dollars - SAAR)	**10,047**	**10,193**	**10,080**	**10,080**	**10,113**	**10,222**	**10,273**	*10,294*	*10,275*	*10,343*	*10,388*	*10,436*	**10,100**	*10,226*	*10,360*
Real Fixed Investment															
(billion chained 2005 dollars-SAAR)	**1,663**	**1,620**	**1,622**	**1,617**	**1,631**	**1,705**	**1,693**	*1,697*	*1,730*	*1,776*	*1,817*	*1,869*	**1,631**	*1,681*	*1,798*
Business Inventory Change															
(billion chained 2005 dollars-SAAR)	**-30.99**	**-38.12**	**-32.62**	**-4.58**	**21.04**	**-7.30**	**29.15**	*21.51*	*16.45*	*12.17*	*13.50*	*13.39*	**-26.58**	*16.10*	*13.88*
Housing Stock															
(millions)	**123.5**	**123.5**	**123.5**	**123.5**	**123.5**	**123.6**	**123.6**	*123.6*	*123.6*	*123.6*	*123.6*	*123.6*	**123.5**	*123.6*	*123.6*
Non-Farm Employment															
(millions)	**132.8**	**131.1**	**130.1**	**129.6**	**129.7**	**130.4**	**130.3**	*130.4*	*130.6*	*131.0*	*131.5*	*132.3*	**130.9**	*130.2*	*131.4*
Commercial Employment															
(millions)	**88.9**	**87.9**	**87.5**	**87.4**	**87.6**	**87.9**	**88.1**	*88.3*	*88.5*	*88.9*	*89.3*	*90.0*	**87.9**	*88.0*	*89.2*
Industrial Production Indices (Index, 2007=100)															
Total Industrial Production	**88.2**	**85.9**	**87.6**	**89.1**	**90.6**	**92.1**	**93.3**	*93.5*	*94.0*	*94.5*	*95.2*	*96.1*	**87.7**	*92.4*	*94.9*
Manufacturing	**85.2**	**83.3**	**85.5**	**87.0**	**88.5**	**90.3**	**91.4**	*92.0*	*92.8*	*93.6*	*94.6*	*95.8*	**85.2**	*90.5*	*94.2*
Food	**96.2**	**97.1**	**97.7**	**99.4**	**100.9**	**102.2**	**102.2**	*102.7*	*103.2*	*103.8*	*104.4*	*104.8*	**97.6**	*102.0*	*104.1*
Paper	**84.8**	**83.4**	**85.8**	**86.8**	**88.3**	**88.9**	**89.9**	*90.6*	*91.2*	*91.5*	*91.9*	*92.5*	**85.2**	*89.4*	*91.8*
Chemicals	**88.5**	**89.9**	**91.7**	**93.4**	**94.5**	**92.8**	**93.1**	*93.7*	*94.3*	*94.7*	*95.2*	*96.0*	**90.9**	*93.5*	*95.0*
Petroleum	**93.3**	**94.8**	**95.3**	**93.6**	**91.9**	**97.6**	**98.7**	*98.8*	*98.9*	*99.0*	*99.3*	*99.5*	**94.2**	*96.8*	*99.2*
Stone, Clay, Glass	**74.7**	**73.4**	**75.5**	**72.3**	**71.9**	**75.3**	**76.4**	*75.9*	*75.9*	*76.4*	*77.5*	*78.9*	**74.0**	*74.9*	*77.2*
Primary Metals	**63.2**	**59.2**	**69.6**	**77.1**	**82.9**	**84.7**	**86.5**	*87.4*	*88.1*	*88.3*	*89.0*	*90.0*	**67.3**	*85.4*	*88.9*
Resins and Synthetic Products	**80.9**	**83.5**	**84.4**	**85.4**	**87.1**	**84.0**	**84.7**	*85.1*	*85.5*	*85.6*	*85.5*	*86.0*	**83.6**	*85.2*	*85.7*
Agricultural Chemicals	**78.2**	**86.4**	**86.0**	**90.6**	**95.3**	**93.2**	**90.3**	*90.8*	*91.5*	*92.0*	*92.3*	*93.0*	**85.3**	*92.4*	*92.2*
Natural Gas-weighted (a)	**81.5**	**82.9**	**85.4**	**87.1**	**88.8**	**89.8**	**90.2**	*90.7*	*91.1*	*91.3*	*91.7*	*92.4*	**84.2**	*89.9*	*91.6*
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**	**2.18**	*2.19*	*2.20*	*2.20*	*2.21*	*2.23*	**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**	**1.81**	*1.84*	*1.85*	*1.85*	*1.86*	*1.88*	**1.73**	*1.83*	*1.86*
Producer Price Index: Petroleum															
(index, 1982=1.00)	**1.37**	**1.69**	**1.93**	**2.02**	**2.17**	**2.26**	**2.15**	*2.20*	*2.26*	*2.38*	*2.39*	*2.37*	**1.76**	*2.20*	*2.35*
GDP Implicit Price Deflator															
(index, 2005=100)	**109.5**	**109.6**	**109.8**	**109.7**	**110.0**	**110.5**	**110.7**	*111.0*	*111.7*	*111.8*	*112.1*	*112.6*	**109.6**	*110.5*	*112.0*
Miscellaneous															
Vehicle Miles Traveled (b)															
(million miles/day)	**7,718**	**8,505**	**8,423**	**7,999**	**7,662**	**8,567**	**8,476**	*8,043*	*7,752*	*8,601*	*8,549*	*8,107*	**8,163**	*8,189*	*8,254*
Air Travel Capacity															
(Available ton-miles/day, thousands)	**494**	**513**	**518**	**497**	**491**	**530**	**524**	*491*	*498*	*537*	*529*	*498*	**505**	*509*	*515*
Aircraft Utilization															
(Revenue ton-miles/day, thousands)	**275**	**305**	**319**	**303**	**293**	**330**	**325**	*297*	*296*	*337*	*329*	*300*	**301**	*311*	*316*
Airline Ticket Price Index															
(index, 1982-1984=100)	**252.7**	**249.8**	**260.6**	**268.8**	**266.4**	**282.0**	**281.9**	*275.1*	*279.7*	*294.9*	*302.5*	*288.5*	**258.0**	*276.3*	*291.4*
Raw Steel Production															
(million short tons per day)	**0.146**	**0.153**	**0.186**	**0.214**	**0.234**	**0.253**	**0.245**	*0.248*	*0.255*	*0.265*	*0.260*	*0.253*	**0.175**	*0.245*	*0.258*
Carbon Dioxide (CO_2) Emissions (million metric tons)															
Petroleum	**583**	**573**	**576**	**580**	**567**	**584**	**590**	*584*	*577*	*587*	*591*	*587*	**2,312**	*2,326*	*2,341*
Natural Gas	**385**	**255**	**265**	**316**	**402**	**265**	**288**	*323*	*395*	*271*	*281*	*326*	**1,220**	*1,278*	*1,274*
Coal	**477**	**432**	**485**	**473**	**496**	**464**	**547**	*497*	*505*	*463*	*537*	*491*	**1,867**	*2,005*	*1,996*
Total Fossil Fuels	**1,444**	**1,260**	**1,326**	**1,369**	**1,466**	**1,313**	**1,425**	*1,404*	*1,477*	*1,320*	*1,409*	*1,404*	**5,399**	*5,608*	*5,611*

- = 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 - October 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**	**638**	**640**	*642*	*645*	*648*	*652*	*657*	**622**	*639*	*651*
Middle Atlantic	**1,740**	**1,741**	**1,751**	**1,769**	**1,786**	**1,794**	**1,799**	*1,806*	*1,816*	*1,824*	*1,834*	*1,851*	**1,750**	*1,796*	*1,831*
E. N. Central	**1,563**	**1,557**	**1,562**	**1,581**	**1,592**	**1,598**	**1,604**	*1,611*	*1,620*	*1,625*	*1,634*	*1,648*	**1,566**	*1,601*	*1,631*
W. N. Central	**719**	**720**	**724**	**732**	**738**	**741**	**742**	*745*	*749*	*752*	*756*	*762*	**724**	*741*	*755*
S. Atlantic	**2,020**	**2,018**	**2,027**	**2,052**	**2,072**	**2,082**	**2,089**	*2,099*	*2,111*	*2,124*	*2,140*	*2,161*	**2,029**	*2,085*	*2,134*
E. S. Central	**526**	**525**	**526**	**532**	**537**	**539**	**540**	*542*	*545*	*548*	*551*	*556*	**527**	*540*	*550*
W. S. Central	**1,214**	**1,213**	**1,220**	**1,240**	**1,253**	**1,258**	**1,263**	*1,269*	*1,277*	*1,286*	*1,296*	*1,309*	**1,222**	*1,261*	*1,292*
Mountain	**727**	**723**	**725**	**735**	**740**	**742**	**744**	*748*	*753*	*757*	*762*	*769*	**728**	*744*	*760*
Pacific	**1,952**	**1,946**	**1,949**	**1,972**	**1,992**	**2,000**	**2,008**	*2,018*	*2,030*	*2,042*	*2,055*	*2,074*	**1,955**	*2,004*	*2,050*
Industrial Output, Manufacturing (Index, Year 2007=100)															
New England	**86.8**	**85.7**	**88.2**	**89.8**	**91.1**	**92.9**	**94.0**	*94.3*	*95.1*	*95.8*	*96.6*	*97.5*	**87.6**	*93.1*	*96.2*
Middle Atlantic	**85.9**	**84.5**	**86.7**	**88.2**	**89.1**	**90.9**	**92.0**	*92.8*	*93.6*	*94.3*	*95.4*	*96.6*	**86.3**	*91.2*	*95.0*
E. N. Central	**82.0**	**79.1**	**81.7**	**83.2**	**85.1**	**87.6**	**88.9**	*89.5*	*90.3*	*91.0*	*91.9*	*93.1*	**81.5**	*87.8*	*91.6*
W. N. Central	**88.0**	**85.7**	**87.9**	**89.9**	**91.6**	**93.6**	**95.0**	*95.6*	*96.4*	*97.0*	*97.9*	*99.1*	**87.9**	*94.0*	*97.6*
S. Atlantic	**83.5**	**81.9**	**83.8**	**84.9**	**85.9**	**87.2**	**88.3**	*88.7*	*89.4*	*90.0*	*91.0*	*92.1*	**83.6**	*87.5*	*90.6*
E. S. Central	**82.3**	**80.4**	**82.8**	**84.5**	**85.8**	**87.7**	**88.9**	*89.6*	*90.4*	*91.3*	*92.6*	*94.2*	**82.5**	*88.0*	*92.1*
W. S. Central	**88.8**	**86.9**	**88.7**	**90.6**	**92.2**	**94.6**	**95.9**	*96.2*	*96.9*	*97.8*	*99.0*	*100.5*	**88.7**	*94.7*	*98.5*
Mountain	**84.7**	**83.3**	**85.5**	**86.8**	**87.7**	**89.4**	**90.5**	*91.1*	*92.3*	*93.3*	*94.3*	*95.5*	**85.1**	*89.6*	*93.8*
Pacific	**86.8**	**85.4**	**87.5**	**88.8**	**90.8**	**91.7**	**92.6**	*93.2*	*94.2*	*95.3*	*96.4*	*97.5*	**87.1**	*92.1*	*95.8*
Real Personal Income (Billion $2005)															
New England	**573**	**578**	**574**	**572**	**574**	**580**	**582**	*583*	*584*	*587*	*589*	*591*	**574**	*580*	*588*
Middle Atlantic	**1,524**	**1,553**	**1,536**	**1,536**	**1,540**	**1,560**	**1,564**	*1,567*	*1,570*	*1,579*	*1,587*	*1,595*	**1,537**	*1,558*	*1,583*
E. N. Central	**1,415**	**1,422**	**1,407**	**1,407**	**1,411**	**1,418**	**1,426**	*1,427*	*1,424*	*1,430*	*1,434*	*1,437*	**1,413**	*1,420*	*1,431*
W. N. Central	**643**	**644**	**637**	**639**	**641**	**646**	**649**	*650*	*651*	*654*	*657*	*659*	**641**	*647*	*655*
S. Atlantic	**1,872**	**1,879**	**1,860**	**1,860**	**1,868**	**1,885**	**1,897**	*1,901*	*1,906*	*1,918*	*1,928*	*1,940*	**1,868**	*1,888*	*1,923*
E. S. Central	**494**	**499**	**493**	**493**	**497**	**504**	**506**	*506*	*507*	*510*	*513*	*515*	**495**	*503*	*511*
W. S. Central	**1,072**	**1,069**	**1,060**	**1,056**	**1,063**	**1,076**	**1,086**	*1,090*	*1,093*	*1,102*	*1,109*	*1,116*	**1,064**	*1,079*	*1,105*
Mountain	**657**	**654**	**647**	**647**	**648**	**656**	**660**	*660*	*661*	*666*	*669*	*673*	**651**	*656*	*667*
Pacific	**1,723**	**1,719**	**1,699**	**1,697**	**1,704**	**1,720**	**1,730**	*1,737*	*1,741*	*1,754*	*1,763*	*1,773*	**1,710**	*1,723*	*1,758*
Households (Thousands)															
New England	**5,491**	**5,495**	**5,500**	**5,506**	**5,516**	**5,530**	**5,540**	*5,549*	*5,559*	*5,571*	*5,583*	*5,593*	**5,506**	*5,549*	*5,593*
Middle Atlantic	**15,199**	**15,210**	**15,224**	**15,239**	**15,262**	**15,299**	**15,321**	*15,341*	*15,361*	*15,388*	*15,415*	*15,436*	**15,239**	*15,341*	*15,436*
E. N. Central	**17,747**	**17,735**	**17,727**	**17,721**	**17,741**	**17,780**	**17,803**	*17,827*	*17,869*	*17,904*	*17,942*	*17,992*	**17,721**	*17,827*	*17,992*
W. N. Central	**8,068**	**8,080**	**8,094**	**8,108**	**8,122**	**8,146**	**8,164**	*8,184*	*8,205*	*8,232*	*8,258*	*8,283*	**8,108**	*8,184*	*8,283*
S. Atlantic	**22,221**	**22,252**	**22,297**	**22,350**	**22,432**	**22,526**	**22,608**	*22,686*	*22,769*	*22,863*	*22,959*	*23,047*	**22,350**	*22,686*	*23,047*
E. S. Central	**7,046**	**7,055**	**7,066**	**7,078**	**7,094**	**7,114**	**7,139**	*7,163*	*7,180*	*7,200*	*7,221*	*7,247*	**7,078**	*7,163*	*7,247*
W. S. Central	**12,672**	**12,711**	**12,751**	**12,789**	**12,841**	**12,900**	**12,951**	*13,000*	*13,052*	*13,109*	*13,167*	*13,222*	**12,789**	*13,000*	*13,222*
Mountain	**7,894**	**7,909**	**7,927**	**7,946**	**7,972**	**8,011**	**8,045**	*8,077*	*8,112*	*8,155*	*8,194*	*8,235*	**7,946**	*8,077*	*8,235*
Pacific	**16,865**	**16,886**	**16,918**	**16,957**	**17,020**	**17,094**	**17,154**	*17,204*	*17,259*	*17,320*	*17,381*	*17,437*	**16,957**	*17,204*	*17,437*
Total Non-farm Employment (Millions)															
New England	**6.9**	**6.8**	**6.7**	**6.7**	**6.7**	**6.8**	**6.8**	*6.8*	*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*	*18.1*	*18.1*	*18.2*	*18.3*	**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*	*20.2*	*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*	*24.9*	*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**	*7.4*	*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*	*9.1*	*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**	*19.3*	*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 - October 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**	**135**	*2,271*	*3,218*	*930*	*188*	*2,249*	**6,646**	*6,031*	*6,585*
Middle Atlantic	**3,032**	**662**	**119**	**1,986**	**2,798**	**500**	**61**	*2,060*	*2,967*	*752*	*127*	*2,058*	**5,800**	*5,419*	*5,904*
E. N. Central	**3,337**	**764**	**157**	**2,283**	**3,189**	**539**	**134**	*2,286*	*3,222*	*798*	*156*	*2,315*	**6,542**	*6,148*	*6,491*
W. N. Central	**3,345**	**765**	**175**	**2,551**	**3,460**	**571**	**153**	*2,475*	*3,327*	*730*	*183*	*2,511*	**6,835**	*6,659*	*6,751*
South Atlantic	**1,588**	**215**	**20**	**1,056**	**1,788**	**158**	**6**	*1,057*	*1,501*	*247*	*25*	*1,058*	**2,880**	*3,009*	*2,831*
E. S. Central	**1,868**	**271**	**18**	**1,433**	**2,277**	**182**	**19**	*1,362*	*1,821*	*298*	*33*	*1,376*	**3,589**	*3,840*	*3,528*
W. S. Central	**1,087**	**112**	**9**	**1,004**	**1,588**	**101**	**6**	*816*	*1,148*	*103*	*9*	*895*	**2,212**	*2,511*	*2,155*
Mountain	**2,135**	**688**	**131**	**2,062**	**2,322**	**765**	**84**	*1,915*	*2,295*	*722*	*173*	*1,943*	**5,016**	*5,086*	*5,133*
Pacific	**1,429**	**491**	**52**	**1,177**	**1,329**	**674**	**71**	*1,154*	*1,441*	*564*	*107*	*1,145*	**3,150**	*3,228*	*3,257*
U.S. Average	**2,257**	**502**	**86**	**1,648**	**2,301**	**436**	**68**	*1,618*	*2,221*	*542*	*100*	*1,634*	**4,494**	*4,423*	*4,497*
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**	**549**	*0*	*0*	*69*	*348*	*0*	**363**	*688*	*417*
Middle Atlantic	**0**	**109**	**478**	**0**	**0**	**242**	**714**	*5*	*0*	*140*	*511*	*5*	**586**	*961*	*656*
E. N. Central	**1**	**190**	**355**	**0**	**0**	**268**	**693**	*9*	*1*	*197*	*502*	*8*	**546**	*970*	*708*
W. N. Central	**2**	**251**	**467**	**0**	**0**	**329**	**769**	*14*	*3*	*263*	*650*	*12*	**721**	*1,112*	*928*
South Atlantic	**85**	**630**	**1,080**	**229**	**37**	**782**	**1,310**	*208*	*113*	*569*	*1,081*	*209*	**2,025**	*2,337*	*1,972*
E. S. Central	**26**	**529**	**902**	**38**	**1**	**685**	**1,280**	*63*	*34*	*458*	*997*	*62*	**1,496**	*2,029*	*1,551*
W. S. Central	**97**	**865**	**1,461**	**146**	**20**	**953**	**1,586**	*196*	*94*	*791*	*1,421*	*175*	**2,569**	*2,755*	*2,481*
Mountain	**22**	**429**	**986**	**65**	**7**	**337**	**924**	*62*	*15*	*388*	*846*	*66*	**1,503**	*1,330*	*1,315*
Pacific	**9**	**181**	**663**	**31**	**2**	**79**	**548**	*40*	*7*	*151*	*514*	*41*	**884**	*669*	*713*
U.S. Average	**31**	**367**	**759**	**70**	**10**	**434**	**937**	*79*	*37*	*344*	*771*	*77*	**1,228**	*1,460*	*1,229*
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.