

## Short-Term Energy Outlook

December 7, 2010 Release

### Highlights

- EIA expects the price of West Texas Intermediate (WTI) crude oil to average about \$84 per barrel this winter (October 1 to March 31), more than \$6 higher than the average price last winter. Projected WTI prices rise to \$89 per barrel by the end of 2011, a \$2 per barrel increase from last month's *Outlook*, as U.S. and global economic conditions improve. EIA's forecast assumes U.S. real gross domestic product (GDP) grows 2.7 percent in 2010 and 2.1 percent in 2011, while world real GDP (weighted by oil consumption) grows by 4.0 percent and 3.2 percent, in 2010 and 2011, respectively.
- EIA expects regular-grade motor gasoline retail prices to average \$2.88 per gallon this winter, 22 cents per gallon higher than last winter. Projected retail diesel fuel prices average \$3.14 per gallon this winter, an increase of 35 cents per gallon over last winter, while residential heating oil prices average \$3.17 per gallon this winter. In 2011, higher crude oil prices combined with higher refiner margins push annual average prices for motor gasoline and diesel fuel to \$3.00 and \$3.23 per gallon, respectively.
- Natural gas working inventories end November 2010 at 3.8 trillion cubic feet (Tcf), slightly less than last year's record-setting end-of-November level. The projected Henry Hub natural gas spot price averages \$4.37 per million Btu (MMBtu) for 2010, a \$0.42-per-MMBtu increase over the 2009 average. EIA expects the Henry Hub spot price to average \$4.33 per MMBtu in 2011.
- EIA expects average household expenditures for space-heating fuels to total \$962 this winter, about the same as last year's expenditures. EIA projects higher expenditures for heating oil and propane, but lower expenditures for natural gas and electricity. This forecast reflects higher prices for all the fuels, although electricity prices increase by only 1 percent. However, a forecast of milder weather than last winter in all the regions, except the Northeast, leads to lower fuel consumption in those areas.

- EIA projects that U.S. carbon dioxide (CO<sub>2</sub>) emissions from fossil fuels, which fell by 7.0 percent in 2009, will increase by 3.9 percent in 2010. In 2011, projected CO<sub>2</sub> emissions remain relatively flat as the increase in emissions from growth in petroleum consumption is offset by a decline in emissions from natural gas and coal because of reduced summer electricity use based on a projected milder summer.

## Global Crude Oil and Liquid Fuels

***Crude Oil and Liquid Fuels Overview.*** Gradual tightening in global oil markets continues to support world oil prices. Projected liquid fuels consumption growth of 2 million barrels per day (bbl/d) in 2010 is almost double the growth in supply from countries outside of the Organization of the Petroleum Exporting Countries (OPEC), which has led to rising demand for OPEC crude oil production and declining global oil inventories. While overall commercial oil inventories in the Organization for Economic Cooperation and Development (OECD) countries remain high, stock levels are unevenly distributed with some regions experiencing tightness in recent months. Both floating and reported on-shore inventories have been declining, and EIA believes that the projected continued reduction in OECD stocks over the forecast period should lend support to firming oil prices.

***Global Crude Oil and Liquid Fuels Consumption.*** Projected world liquid fuels consumption increases by 2 million bbl/d in 2010, following declines in 2008 and 2009. As a result, total global consumption in 2010 should be close to the 2007 level. Global oil consumption growth slows to 1.4 million bbl/d in 2011. Non-OECD regions, especially China, the Middle East, and Brazil, represent most of the expected growth in world oil consumption next year ([World Liquid Fuels Consumption Chart](#)). Among the countries of the OECD, only the United States is expected to show any significant growth in consumption volume in 2011 at about 0.2 million bbl/d.

***Non-OPEC Supply.*** EIA projects the total non-OPEC supply of crude oil will grow by just over 1.0 million bbl/d to an average 51.5 million bbl/d in 2010 - the largest year-over-year increase since 2002. The increase in total non-OPEC supply for the year is the result of higher production in the United States, Brazil, China, and Russia. However, non-OPEC supply falls by 280,000 bbl/d in 2011. The decline in non-OPEC supply in 2011 would be only the third time in the last 15 years that non-OPEC supplies fall year-over-year. Previous declines in 2005 and 2008 were primarily the result of supply disruptions in the Gulf of Mexico related to hurricanes.

**OPEC Supply.** EIA expects that OPEC crude oil production will increase by 0.3 and 0.4 million bbl/d in 2010 and 2011, respectively, similar to last month's *Outlook*, to accommodate increasing world oil consumption. Projected non-crude liquids increase by 0.7 million bbl/d in both 2010 and 2011. OPEC surplus capacity should remain close to 5 million bbl/d, compared with 4.3 million in 2009 and 1.5 million in 2008 ([OPEC Surplus Crude Oil Production Capacity Chart](#)).

**OECD Petroleum Inventories.** Commercial oil inventories held by OECD countries at the end of 2010 are an estimated 2.73 billion barrels, equivalent to about 58 days of forward cover and roughly 94 million barrels more than the 5-year average for the corresponding time of year ([Days of Supply of OECD Commercial Stocks Chart](#)). OECD oil inventories decline through the forecast period, though days of forward cover should remain high by historical standards.

**Crude Oil Prices.** WTI crude oil spot prices averaged over \$84 per barrel in November, more than \$2 per barrel higher than the October average, as expectations of higher oil demand pushed up prices. EIA has raised the average winter 2010-2011 WTI spot price forecast by \$1 per barrel from the last month's *Outlook* to \$84 per barrel. WTI spot prices rise to \$89 per barrel by the end of next year, \$2 per barrel higher than in the last *Outlook*. Projected WTI prices average \$79 per barrel in 2010 and \$86 per barrel in 2011.

Energy price forecasts are uncertain ([Energy Price Volatility and Forecast Uncertainty](#)). WTI futures for February 2011 delivery for the 5-day period ending December 2 averaged \$86 per barrel, and implied volatility averaged 30 percent. This made the lower and upper limits of the 95-percent confidence interval \$70 per barrel and \$106 per barrel, respectively, for WTI delivered in February 2011. Last year at this time, WTI for February 2010 delivery averaged \$78 per barrel and implied volatility averaged 40 percent, with the limits of the 95-percent confidence interval at \$61 per barrel and \$102 per barrel.

## **U.S. Crude Oil and Liquid Fuels**

**U.S. Liquid Fuels Consumption.** Projected total U.S. liquid fuels consumption increases by 320,000 bbl/d (1.7 percent) to 19.09 million bbl/d in 2010, which is about 60,000 bbl/d higher than forecast in last month's *Outlook*. 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 610,000 bbl/d in the second and third quarters, led by increases in motor gasoline and distillate fuel oil consumption. During 2010 as a whole, projected gasoline consumption increases by 0.4 percent and distillate consumption increases by 4.0 percent. Total liquid fuels consumption

increases by a further 160,000 bbl/d (0.8 percent) in 2011, as all of the major petroleum products register consumption growth ([U.S. Liquid Fuels Consumption Growth Chart](#)). Gasoline consumption grows by 0.8 percent, and distillate fuel consumption increases by 1.7 percent in 2011.

***U.S. Liquid Fuels Supply and Imports.*** Domestic crude oil production, which increased by 410,000 bbl/d in 2009, increases by 140,000 bbl/d in 2010 ([U.S. Crude Oil Production Chart](#)) and then falls by 30,000 bbl/d to 5.47 million bbl/d in 2011. The 2011 forecast includes declines of 50,000 bbl/d and 180,000 bbl/d in Alaska and the Federal Gulf of Mexico (GOM), respectively, and a 190,000-bbl/d increase in lower-48 non-GOM production. Ethanol production, which averaged 710,000 bbl/d in 2009, increases to an average of 860,000 bbl/d in 2010 and 890,000 bbl/d in 2011.

Liquid fuel net imports (including both crude oil and refined products) fell from 57 percent of total U.S. consumption in 2008 to 51 percent in 2009, primarily because of the decline in consumption during the recession. EIA forecasts that liquid fuel net imports will average 9.48 million bbl/d in 2010 and 9.62 million bbl/d in 2011, about 50 percent of total consumption in both years.

***U.S. Petroleum Product Prices.*** Projected regular-grade gasoline retail prices rise from an average of \$2.35 per gallon in 2009 to an average of \$2.77 per gallon in 2010 and \$3.00 per gallon in 2011. On-highway diesel fuel retail prices, which averaged \$2.46 per gallon in 2009, average \$2.98 per gallon in 2010 and \$3.23 in 2011 in the current forecast. Refining margins, which had been at their lowest levels since 2003, average about \$2 per barrel higher next year because of growing global product demand.

## **Natural Gas**

***U.S. Natural Gas Consumption.*** This month's *Outlook*, for the first time, reflects recent changes in the Form EIA-857 monthly natural gas survey methodology in the forecasts for residential and commercial natural gas consumption (see [Changes in Natural Gas Monthly Consumption Data Collection and the Short-Term Energy Outlook](#)). The new survey methodology should not significantly change reported total annual consumption volumes. However, EIA expects significant changes in the seasonality of reported residential and commercial sector natural gas consumption from historical reporting norms as the improved reporting on the EIA-857 leads to more accurate monthly reports. For example, first quarter 2011 forecast residential plus commercial consumption is 1.7 billion cubic feet per day (Bcf/d) lower in this forecast compared with last month's *Outlook*, while fourth quarter 2011 consumption is 3.8 Bcf/d higher.

**U.S. Natural Gas Production and Imports.** Forecast marketed natural gas production increases by 3.5 percent in 2010, up from 2.5 percent in last month's *Outlook*. The revision is largely due to unexpectedly high production during the month of September as reported in the EIA [Natural Gas Monthly](#). Natural gas production in 2011 has also been revised upwards, but EIA still predicts a total year-over-year decline of 0.1 percent in 2011. An expected 14.3-percent decline in GOM production is mostly offset by a 1.4 percent increase in the lower 48 non-GOM production.

The increase in the natural-gas-directed drilling rig count since mid-2009, combined with a growing share of horizontal drilling rigs in the lower-48 States, contributed to natural gas production growth in 2010. The number of rigs drilling for natural gas reported by Baker Hughes Incorporated increased from a low of 665 in July 2009 to 973 in April 2010. Over the last 6 months the natural gas rig count has stayed relatively unchanged, but in the last several weeks it has appeared to show the beginning of an expected decline, ending November with 953 rigs. EIA expects drilling activity to decline in 2011 because of relatively lower natural gas prices. The large price difference between petroleum liquids and natural gas prices on an energy-equivalent basis contributes to an expected shift towards drilling in shale formations that contain a higher proportion of liquids.

EIA expects gross pipeline imports of 8.4 Bcf/d in 2011, a decrease of 6.3 percent compared with 2010 pipeline imports. This is a significant revision of last month's forecast of a 1.4-percent increase. EIA expects that Canadian gas will become less competitive as new U.S. pipelines and increased lower-48 production with lower transport costs displace imports. Projected liquefied natural gas (LNG) imports average 1.25 Bcf/d in 2010, a 1.0-percent increase from 2009 levels. Imports in 2011 fall to 1.21 Bcf/d, a decline of 2.9 percent. High domestic production, high inventories, and low U.S. prices relative to European and Asian markets should continue to discourage LNG imports into North America.

**U.S. Natural Gas Inventories.** On November 26, 2010, working natural gas in storage stood at 3,814 Bcf, slightly below last year's level at this time ([U.S. Working Natural Gas in Storage Chart](#)). At the end of the winter heating season (March 31, 2011), EIA expects 1,833 Bcf of working natural gas will remain in storage, about 171 Bcf higher than at the end of March 2010. The forecast higher inventory is primarily the result of both the projected 3.1 Bcf/d increase in natural gas production and 5 percent fewer heating degree-days over the next 4 months compared with the year before.

**U.S. Natural Gas Prices.** The Henry Hub spot price averaged \$3.71 per million Btu (MMBtu) during November, an increase of about 28 cents from October's price of \$3.43 per MMBtu ([Henry Hub Natural Gas Price Chart](#)). Over the winter heating

season, the projected monthly average spot price peaks at \$4.29 per MMBtu in January 2011, before dropping back down to close to \$4.00 per MMBtu in June 2011. This month's *Outlook* slightly raises the average 2011 Henry Hub spot price to \$4.33 per MMBtu from last month's forecast of \$4.31 per MMBtu.

Uncertainty over future natural gas prices is slightly lower this year compared with last year at this time. Natural gas futures for February 2011 delivery (for the 5-day period ending December 2) averaged \$4.29 per MMBtu, and the average implied volatility over the same period was 45 percent. This produced lower and upper bounds for the 95-percent confidence interval for February 2011 contracts of \$3.06 per MMBtu and \$6.03 per MMBtu, respectively. At this time last year, the natural gas February 2010 futures contract averaged \$4.84 per MMBtu and implied volatility averaged 57 percent. The corresponding lower and upper limits of the 95-percent confidence interval were \$3.20 per MMBtu and \$7.34 per MMBtu.

## **Electricity**

***U.S. Electricity Consumption.*** EIA expects U.S. electricity consumption will rise slightly by 4.7 percent in 2010. Retail sales of electricity to the industrial sector from January through September 2010 were up by nearly 7 percent compared with the same period last year, about the same as the increase in the U.S. manufacturing production index. EIA's assumption of 3.6 percent growth in manufacturing output during 2011 translates to an expected growth in electricity sales to the industrial sector of about 1.7 percent. Improved economic conditions should also spur growth of 1.1 percent in retail electricity sales to the commercial sector. However, EIA expects residential electricity sales to fall by 2.1 percent next year as summer temperatures return to normal levels after the hot summer of 2010. Overall, growth in total U.S. consumption of electricity remains nearly flat during 2011 ([U.S. Total Electricity Consumption Chart](#)).

***U.S. Electricity Generation.*** EIA projects that total electric power sector generation will increase slightly (by 0.2 percent) during 2011. A 0.9-percent increase in nuclear power and a 7.2-percent increase in conventional hydropower generation (due to an assumed return to near-normal precipitation levels) will offset a 1.7-percent reduction in electric power sector generation fired by coal. EIA expects the share of total generation fueled by natural gas will fall slightly next year as cooler summer temperatures reduce the need for the peaking capacity required during the past year ([U.S. Electric Power Sector Generation Growth Chart](#)).

***U.S. Electricity Retail Prices.*** The average U.S. retail price for electricity distributed to the residential sector during the first three quarters of 2010 was about the same as

the retail price during the same period last year. However, residential electricity prices during the fourth quarter 2010 are expected to be 1.2 percent higher than last year. EIA expects the U.S. residential price to continue growing by 0.9 percent during 2011 as utilities pass through the higher fuel costs they incurred this past year to their retail customers ([U.S. Residential Electricity Prices Chart](#)).

## Coal

**U.S. Coal Consumption.** EIA forecasts that coal consumption in the electric power sector will grow by 5.7 percent in 2010, primarily the result of higher electricity consumption. EIA expects electricity consumption in 2011 to decline by 0.1 percent and generation from non-fossil-fuel-fired sources to increase. Although natural gas-fired generation also declines, EIA expects that lower electric power sector natural gas prices will keep natural gas competitive as a generation source and lessen its decline. EIA projects that 2011 coal consumption in the electric power sector will decline by 0.2 percent ([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 stocks, particularly in the electric power sector, met the demand increase ([U.S. Electric Power Sector Coal Stocks Chart](#)). Projected coal production increases in the second half of 2010 contribute to 2010 annual growth of 1 percent. EIA projects coal production in 2011 will remain relatively flat as coal consumption shows little change ([U.S. Annual Coal Production Chart](#)).

**U.S. Coal Trade.** Strong global demand for coal, particularly metallurgical coal used to produce steel, has resulted in sharp increases in U.S. coal exports in 2010. Metallurgical coal exports nearly doubled in the first half of this year compared with the first half of 2009, and metallurgical coal's share of total coal exports has grown from 52 percent in 2008 to a projected 73 percent in 2010. EIA expects total coal exports to increase by 30 percent in 2010 but to decline in 2011 as other major coal-exporting countries increase their supply to the global coal market.

**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 \$2.27 per MMBtu in 2010, and then declines slightly to an average of \$2.26 per MMBtu in 2011.

## U.S. Carbon Dioxide Emissions

EIA expects fossil-fuel CO<sub>2</sub> emissions to increase by 3.9 percent in 2010 ([U.S. Carbon Dioxide Emissions Growth Chart](#)). Coal- and natural gas-related CO<sub>2</sub> emissions rise as a result of increased usage of both fuels for electricity generation and higher consumption of natural gas in the industrial sector.

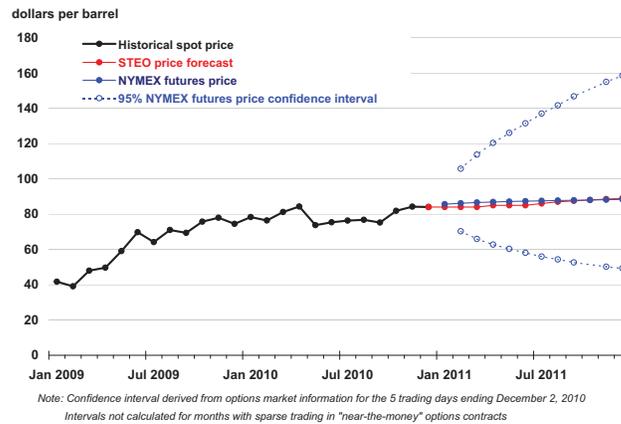
Declines in electric power sector fossil fuel consumption in 2011 offset forecast increased consumption of petroleum in the transportation sector (i.e., motor gasoline, diesel fuel, and jet fuel). Consequently, fossil-fuel CO<sub>2</sub> emissions remain virtually unchanged in 2011. Projected fossil-fuel CO<sub>2</sub> emissions in 2010 and 2011 also remain below the levels seen in any year from 1999 through 2008.



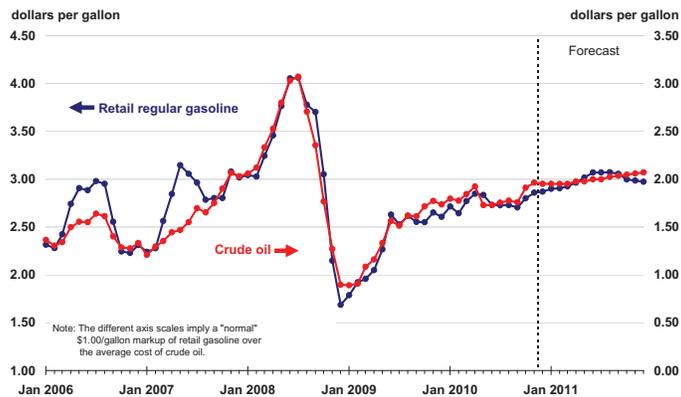
# Short-Term Energy Outlook

## Chart Gallery for December 2010

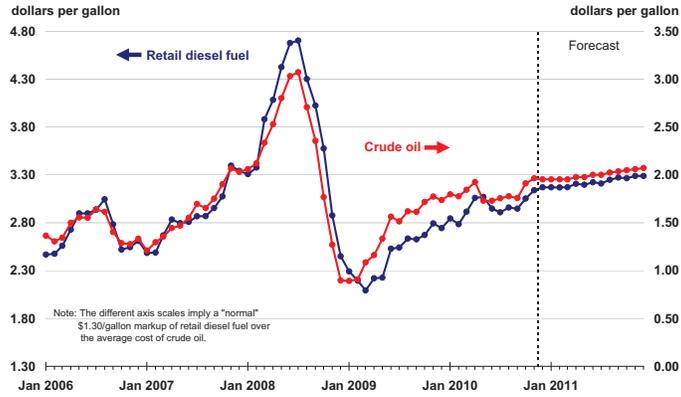
West Texas Intermediate (WTI) Crude Oil Price



U.S. Gasoline and Crude Oil Prices



### U.S. Diesel Fuel and Crude Oil Prices

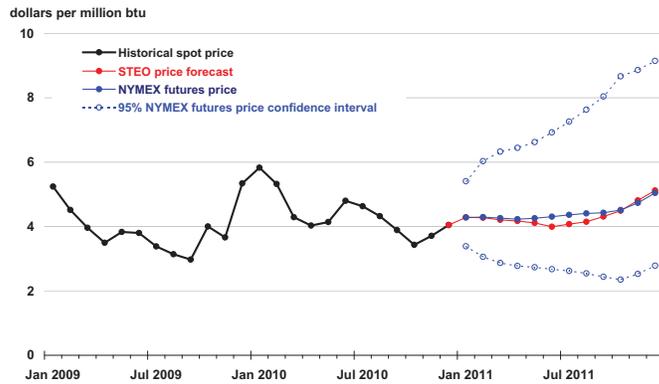


Note: Crude oil price is refiner average acquisition cost. Retail diesel fuel price includes State and Federal taxes.



Source: Short-Term Energy Outlook, December 2010

### Henry Hub Natural Gas Price

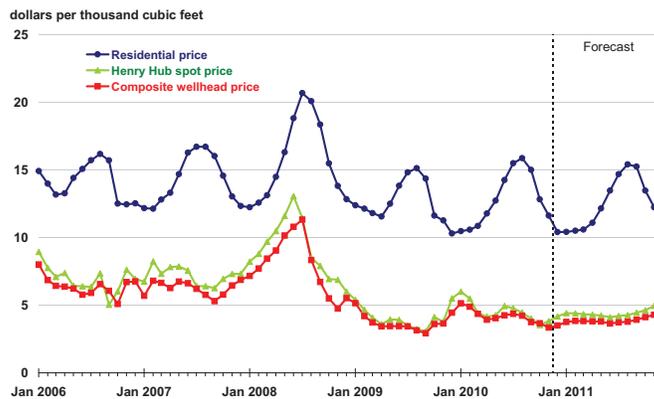


Note: Confidence interval derived from options market information for the 5 trading days ending December 2, 2010. Intervals not calculated for months with sparse trading in "near-the-money" options contracts



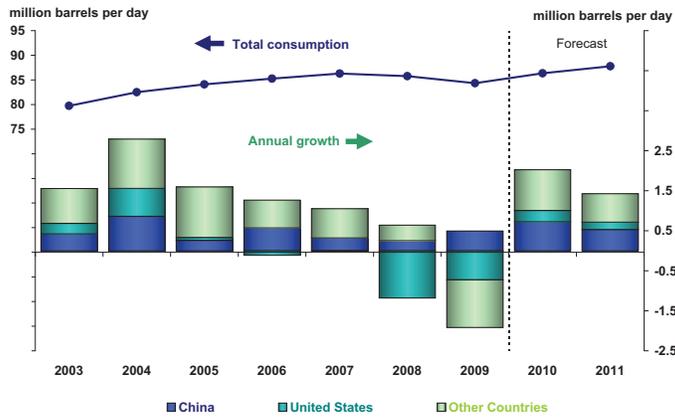
Source: Short-Term Energy Outlook, December 2010; Reuters News Service; and CME Group

### Natural Gas Prices



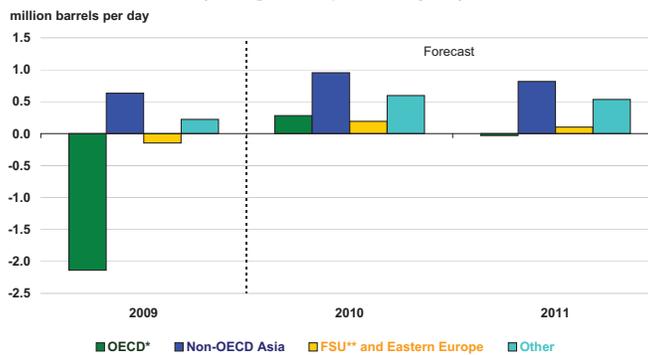
Source: Short-Term Energy Outlook, December 2010; Reuters News Service

### World Liquid Fuels Consumption



Source: Short-Term Energy Outlook, December 2010

### World Liquid Fuels Consumption Growth (change from previous year)

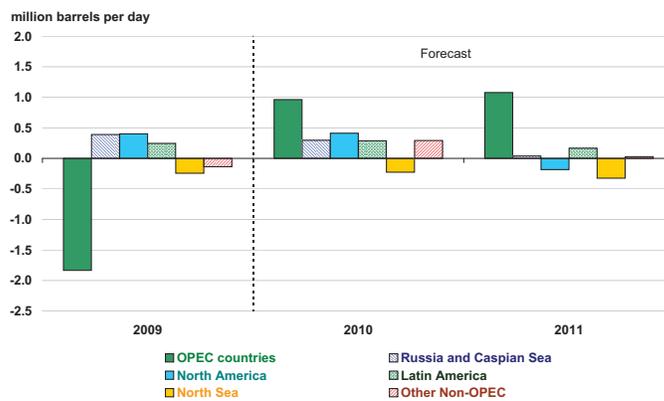


\* Countries belonging to Organization for Economic Cooperation and Development  
 \*\* Former Soviet Union



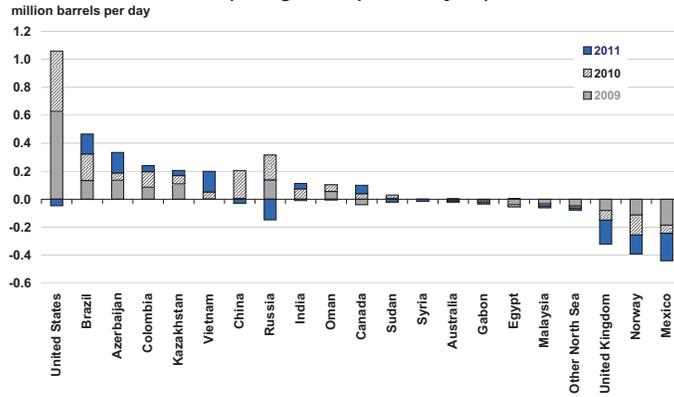
Source: Short-Term Energy Outlook, December 2010

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



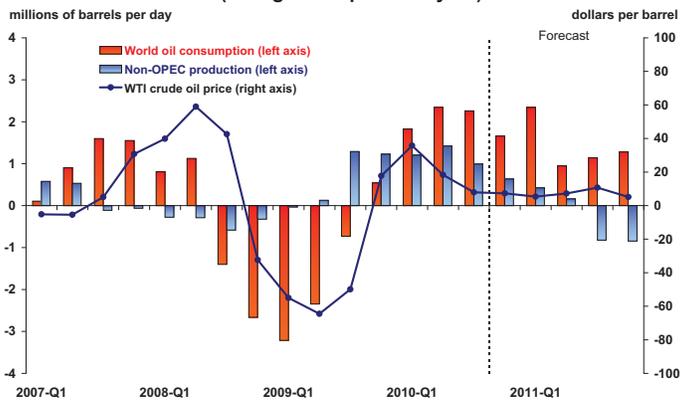
Source: Short-Term Energy Outlook, December 2010

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



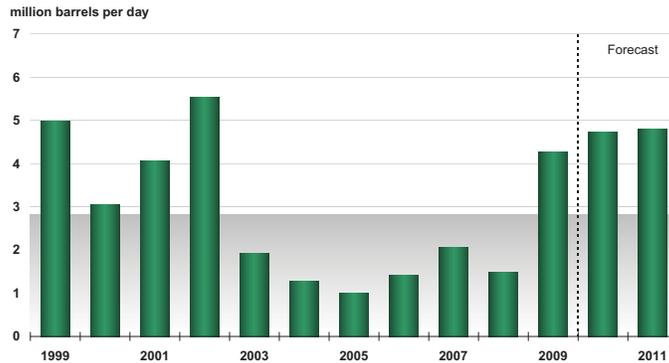
Source: Short-Term Energy Outlook, December 2010

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



Source: Short-Term Energy Outlook, December 2010

### OPEC Surplus Crude Oil Production Capacity

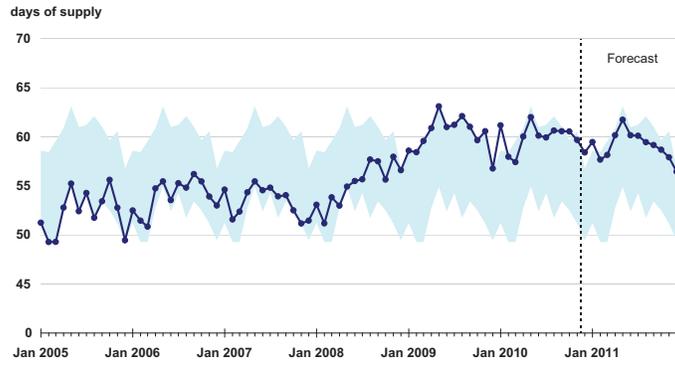


Note: Shaded area represents 1999-2009 average (2.8 million barrels per day)



Source: Short-Term Energy Outlook, December 2010

### OECD Commercial Oil Stocks

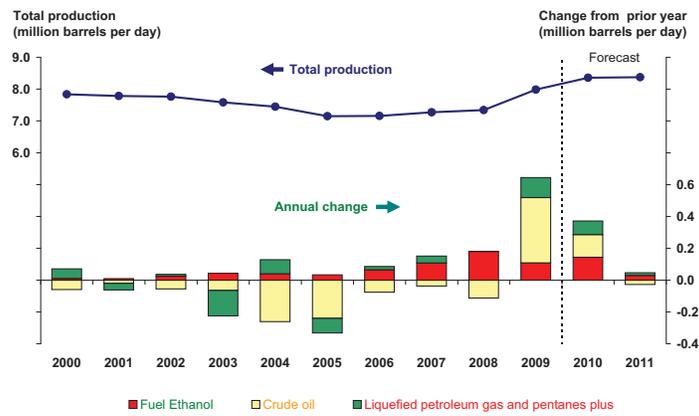


Note: Colored band represents the range between the minimum and maximum observed inventories from Jan. 2005 - Dec. 2009.



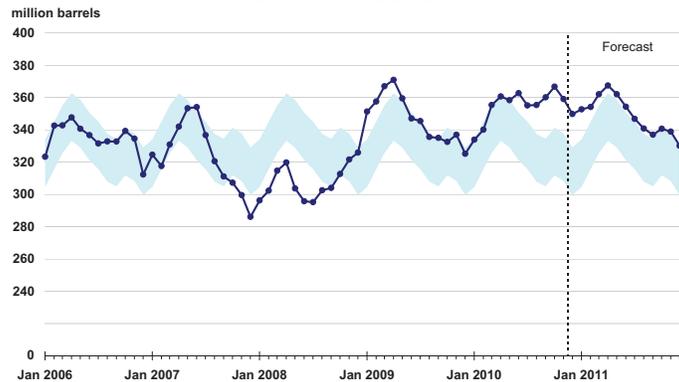
Source: Short-Term Energy Outlook, December 2010

### U.S. Crude Oil and Liquid Fuels Production



Source: Short-Term Energy Outlook, December 2010

### U.S. Crude Oil Stocks

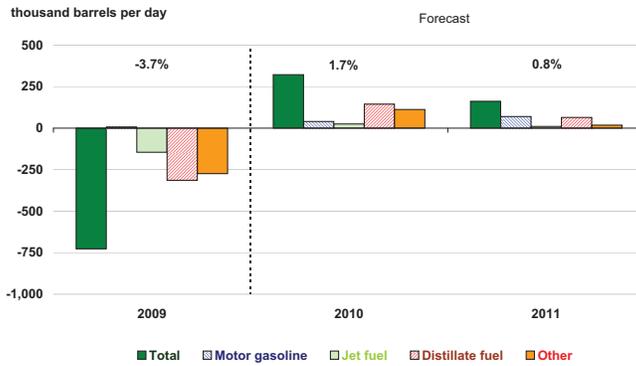


Note: Colored band represents "normal" range published in EIA Weekly Petroleum Status Report, Appendix A.



Source: Short-Term Energy Outlook, December 2010

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

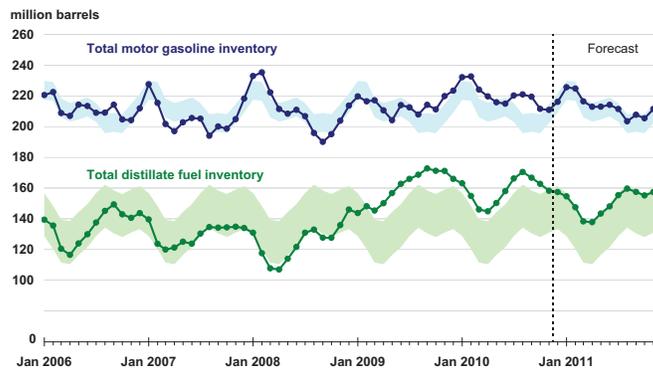


Note: Percent change labels refer to total petroleum products growth



Source: Short-Term Energy Outlook, December 2010

### U.S. Gasoline and Distillate Inventories

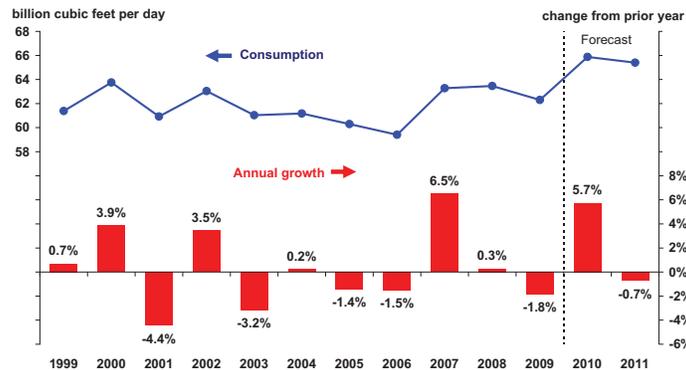


Note: Colored bands represent "normal" range published in EIA Weekly Petroleum Status Report, Appendix A.



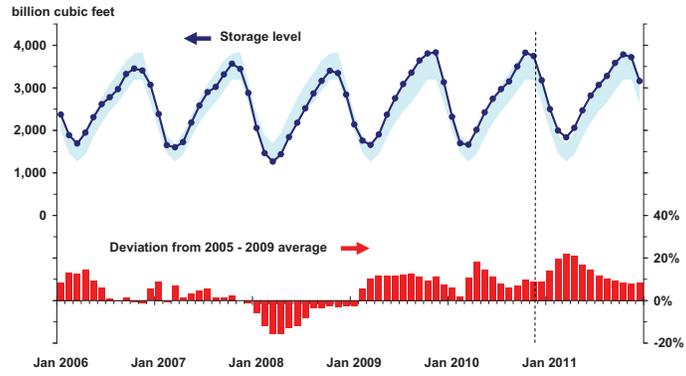
Source: Short-Term Energy Outlook, December 2010

### U.S. Total Natural Gas Consumption



Source: Short-Term Energy Outlook, December 2010

### U.S. Working Natural Gas in Storage

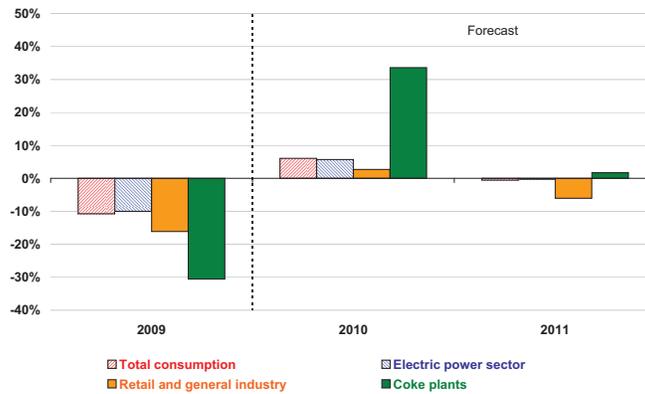


Note: Colored band around storage levels represents the range between the minimum and maximum from Jan. 2005 - Dec. 2009.



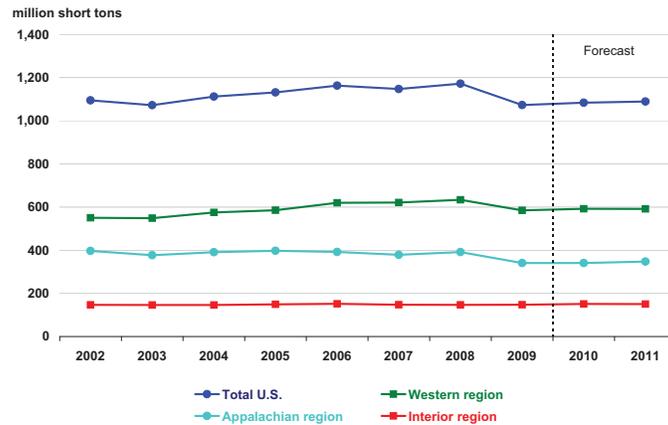
Source: Short-Term Energy Outlook, December 2010

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



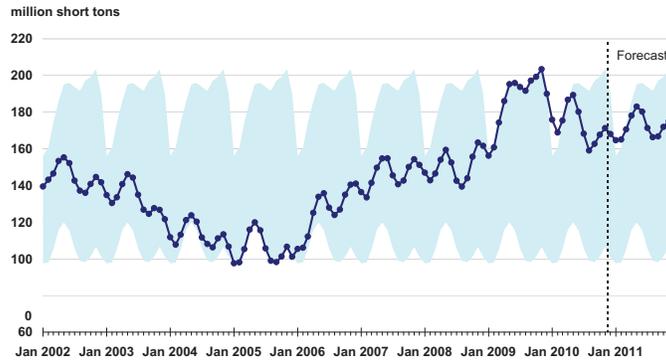
Source: Short-Term Energy Outlook, December 2010

### U.S. Annual Coal Production



Source: Short-Term Energy Outlook, December 2010

### U.S. Electric Power Sector Coal Stocks

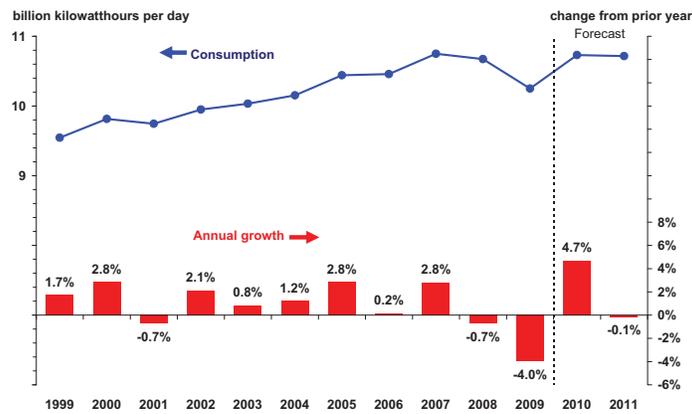


Note: Colored band represents the range between the minimum and maximum observed inventories from Jan. 2002 - Dec. 2009.



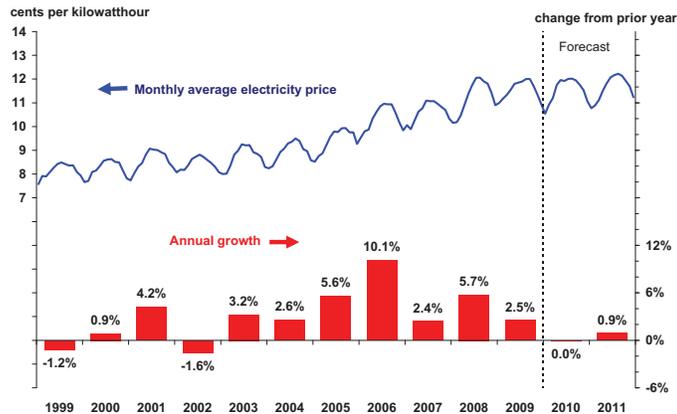
Source: Short-Term Energy Outlook, December 2010

### U.S. Total Electricity Consumption



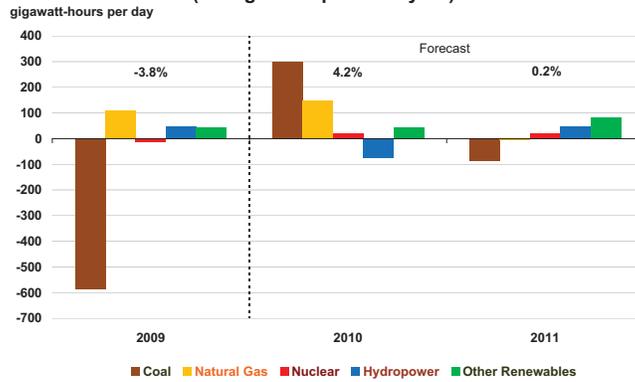
Source: Short-Term Energy Outlook, December 2010

### U.S. Residential Electricity Price



Source: Short-Term Energy Outlook, December 2010

### U.S. Electric Power Sector Generation Growth (change from previous year)

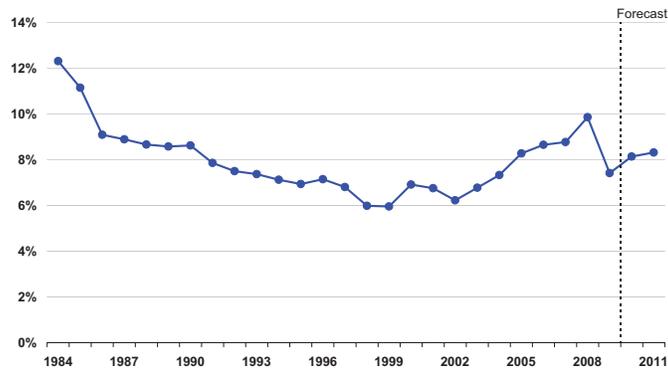


Note: Percent change labels refer to growth in total generation. Not all generation sources are shown.



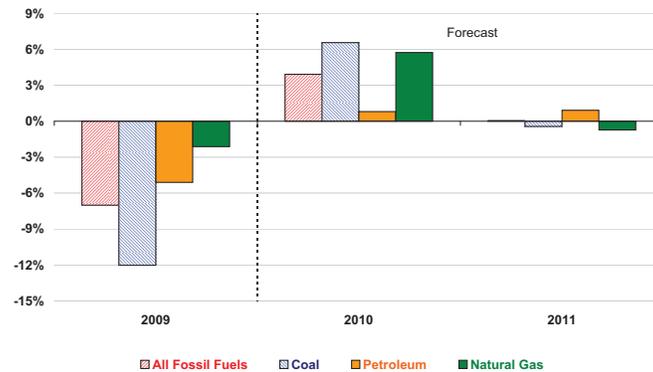
Source: Short-Term Energy Outlook, December 2010

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



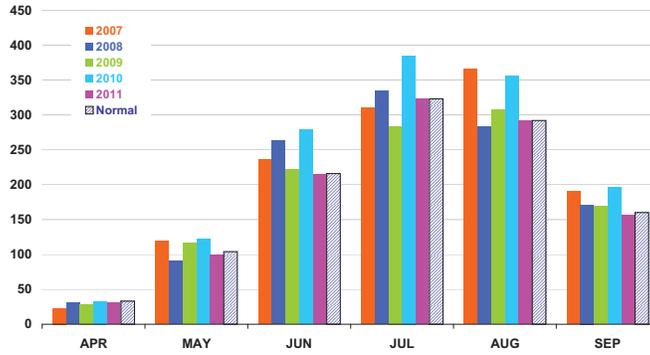
Source: Short-Term Energy Outlook, December 2010

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



Source: Short-Term Energy Outlook, December 2010

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

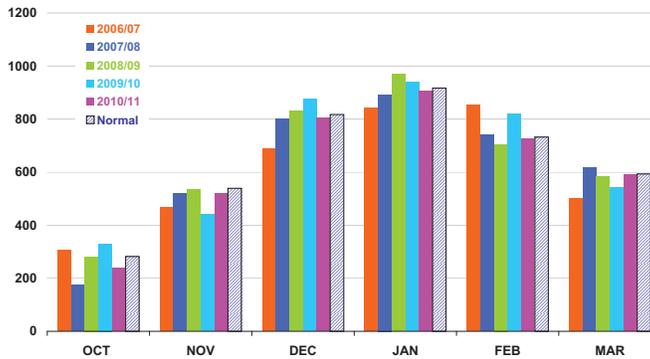


Data source: National Oceanic and Atmospheric Administration, National Weather Service  
[http://www.cpc.ncep.noaa.gov/products/analysis\\_monitoring/cdus/degree\\_days/](http://www.cpc.ncep.noaa.gov/products/analysis_monitoring/cdus/degree_days/)



Source: Short-Term Energy Outlook, December 2010

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

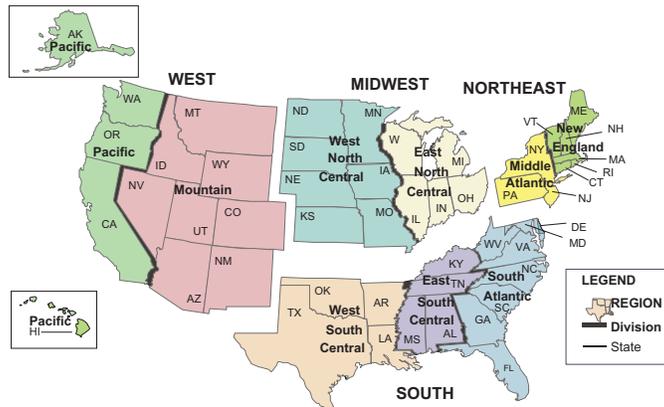


Data source: National Oceanic and Atmospheric Administration, National Weather Service  
[http://www.cpc.ncep.noaa.gov/products/analysis\\_monitoring/cdus/degree\\_days/](http://www.cpc.ncep.noaa.gov/products/analysis_monitoring/cdus/degree_days/)



Source: Short-Term Energy Outlook, December 2010

### U.S. Census Regions and Census Divisions



Source: Short-Term Energy Outlook, December 2010

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

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

Fuel / Region	Winter of							Forecast	
	04-05	05-06	06-07	07-08	08-09	Avg.04-09	09-10	10-11	% Change
<b>Natural Gas</b>									
Households (thousands)	56,106	56,367	56,588	56,767	56,650	56,496	56,636	56,992	0.6
<b>Northeast</b>									
Consumption (mcf**)	80.4	74.6	75.5	75.9	81.4	77.6	76.6	78.9	3.0
Price (\$/mcf)	12.65	16.36	14.74	15.16	16.06	14.98	13.49	13.55	0.5
Expenditures (\$)	1,017	1,221	1,112	1,151	1,307	1,162	1,033	1,069	3.5
<b>Midwest</b>									
Consumption (mcf)	81.4	78.7	81.1	84.8	87.5	82.7	84.9	83.2	-2.0
Price (\$/mcf)	10.04	13.46	11.06	11.39	11.45	11.47	9.44	9.65	2.2
Expenditures (\$)	818	1,059	897	966	1,002	948	801	803	0.2
<b>South</b>									
Consumption (mcf)	52.0	52.0	52.8	51.5	54.7	52.6	61.5	52.6	-14.5
Price (\$/mcf)	12.18	16.48	13.56	14.15	14.08	14.09	11.53	12.35	7.1
Expenditures (\$)	634	856	716	730	770	741	710	650	-8.3
<b>West</b>									
Consumption (mcf)	49.7	49.7	50.2	52.4	49.9	50.4	51.9	52.0	0.3
Price (\$/mcf)	10.18	12.96	11.20	11.31	10.82	11.29	9.90	9.17	-7.4
Expenditures (\$)	506	644	562	592	539	569	513	477	-7.1
<b>U.S. Average</b>									
Consumption (mcf)	66.0	64.1	65.3	66.8	68.9	66.2	69.3	67.1	-3.2
Price (\$/mcf)	11.05	14.57	12.35	12.71	12.89	12.70	10.84	10.95	1.0
Expenditures (\$)	729	934	806	849	888	841	751	735	-2.3
<b>Heating Oil</b>									
Households (thousands)	9,056	8,710	8,489	8,201	7,805	8,452	7,509	7,261	-3.3
<b>Northeast</b>									
Consumption (gallons)	723.1	668.9	676.1	684.0	732.6	697.0	684.0	708.1	3.5
Price (\$/gallon)	1.94	2.45	2.51	3.31	2.66	2.57	2.84	3.18	12.0
Expenditures (\$)	1,401	1,641	1,696	2,267	1,951	1,791	1,943	2,253	16.0
<b>Midwest</b>									
Consumption (gallons)	538.7	517.5	536.3	564.2	586.0	548.5	564.6	552.1	-2.2
Price (\$/gallon)	1.84	2.37	2.39	3.31	2.23	2.43	2.60	3.01	16.1
Expenditures (\$)	991	1,227	1,280	1,870	1,304	1,334	1,466	1,664	13.5
<b>South</b>									
Consumption (gallons)	513.2	507.1	494.3	484.7	551.4	510.2	591.1	518.8	-12.2
Price (\$/gallon)	1.95	2.46	2.38	3.34	2.57	2.53	2.85	3.19	12.2
Expenditures (\$)	999	1,249	1,177	1,620	1,419	1,293	1,682	1,657	-1.5
<b>West</b>									
Consumption (gallons)	443.5	438.2	436.8	468.4	439.9	445.4	443.5	452.8	2.1
Price (\$/gallon)	1.99	2.49	2.60	3.40	2.39	2.58	2.89	3.22	11.2
Expenditures (\$)	883	1,091	1,134	1,591	1,051	1,150	1,283	1,456	13.5
<b>U.S. Average</b>									
Consumption (gallons)	692.1	648.4	653.9	662.3	709.4	673.2	673.7	685.0	1.7
Price (\$/gallon)	1.93	2.45	2.49	3.32	2.63	2.56	2.83	3.18	12.2
Expenditures (\$)	1,337	1,590	1,628	2,197	1,867	1,724	1,907	2,176	14.1

**Table WF01. Average Consumer Prices\* and Expenditures for Heating Fuels During the Winter**  
 Energy Information Administration/Short-Term Energy Outlook --December 2010

Fuel / Region	Winter of							Forecast	
	04-05	05-06	06-07	07-08	08-09	Avg.04-09	09-10	10-11	% Change
<b>Propane</b>									
Households (thousands)	6,775	6,559	6,354	6,033	5,859	6,316	5,756	5,561	-3.4
<b>Northeast</b>									
Consumption (gallons)	932.0	865.5	874.0	882.6	942.8	899.4	884.4	912.7	3.2
Price (\$/gallon)	1.88	2.20	2.30	2.78	2.72	2.37	2.73	2.94	7.8
Expenditures (\$)	1,751	1,903	2,006	2,454	2,561	2,135	2,410	2,682	11.3
<b>Midwest</b>									
Consumption (gallons)	900.3	872.6	900.5	944.8	969.2	917.5	948.1	924.8	-2.5
Price (\$/gallon)	1.42	1.67	1.74	2.12	2.14	1.83	1.84	2.10	13.9
Expenditures (\$)	1,282	1,453	1,569	2,004	2,074	1,676	1,748	1,941	11.1
<b>South</b>									
Consumption (gallons)	629.6	632.0	635.6	622.1	666.7	637.2	740.1	637.0	-13.9
Price (\$/gallon)	1.79	2.11	2.16	2.66	2.49	2.24	2.52	2.67	5.9
Expenditures (\$)	1,126	1,336	1,375	1,653	1,662	1,430	1,869	1,703	-8.9
<b>West</b>									
Consumption (gallons)	735.7	735.4	744.0	777.0	732.5	744.9	770.9	766.5	-0.6
Price (\$/gallon)	1.78	2.08	2.16	2.64	2.31	2.20	2.44	2.64	8.2
Expenditures (\$)	1,308	1,532	1,609	2,051	1,694	1,639	1,878	2,020	7.6
<b>U.S. Average</b>									
Consumption (gallons)	772.6	760.6	774.9	794.4	820.7	784.6	840.2	802.2	-4.5
Price (\$/gallon)	1.65	1.95	2.01	2.45	2.35	2.09	2.26	2.47	9.2
Expenditures (\$)	1,275	1,481	1,560	1,947	1,932	1,639	1,901	1,983	4.3
<b>Electricity</b>									
Households (thousands)	35,701	36,506	37,292	38,217	39,030	37,349	39,776	40,466	1.7
<b>Northeast</b>									
Consumption (kwh***)	9,625	9,146	9,209	9,256	9,691	9,385	9,292	9,482	2.0
Price (\$/kwh)	0.117	0.133	0.139	0.144	0.152	0.137	0.153	0.154	1.2
Expenditures (\$)	1,127	1,214	1,280	1,335	1,472	1,286	1,418	1,465	3.3
<b>Midwest</b>									
Consumption (kwh)	10,621	10,405	10,618	10,951	11,145	10,748	10,978	10,806	-1.6
Price (\$/kwh)	0.077	0.081	0.085	0.089	0.097	0.086	0.098	0.099	1.8
Expenditures (\$)	817	839	906	977	1,085	925	1,071	1,073	0.2
<b>South</b>									
Consumption (kwh)	7,993	7,974	7,992	7,915	8,208	8,017	8,645	8,040	-7.0
Price (\$/kwh)	0.082	0.092	0.096	0.098	0.109	0.096	0.104	0.103	-0.5
Expenditures (\$)	652	736	769	779	893	766	895	828	-7.5
<b>West</b>									
Consumption (kwh)	7,888	7,866	7,897	8,105	7,864	7,924	8,038	8,053	0.2
Price (\$/kwh)	0.092	0.097	0.102	0.104	0.107	0.100	0.112	0.113	0.6
Expenditures (\$)	726	761	808	840	843	796	902	909	0.8
<b>U.S. Average</b>									
Consumption (kwh)	8,249	8,169	8,216	8,251	8,441	8,265	8,692	8,307	-4.4
Price (\$/kwh)	0.088	0.096	0.101	0.104	0.112	0.100	0.110	0.111	0.9
Expenditures (\$)	723	788	830	858	948	829	960	925	-3.6
<b>Average Expenditures (\$)</b>	<b>813</b>	<b>971</b>	<b>923</b>	<b>1,014</b>	<b>1,035</b>	<b>951</b>	<b>966</b>	<b>962</b>	<b>-0.4</b>
<b>Heating Degree-Days</b>									
Northeast	5,181	4,744	4,804	4,849	5,252	4,966	4,881	5,060	3.7
Midwest	5,354	5,145	5,334	5,620	5,827	5,456	5,633	5,499	-2.4
South	2,383	2,373	2,401	2,337	2,550	2,409	2,913	2,423	-16.8
West	2,927	2,919	2,946	3,119	2,920	2,966	3,062	3,085	0.7
<b>U.S. Average</b>	<b>3,723</b>	<b>3,586</b>	<b>3,657</b>	<b>3,746</b>	<b>3,904</b>	<b>3,723</b>	<b>3,949</b>	<b>3,783</b>	<b>-4.2</b>

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 - December 2010

	2009				2010				2011				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2009	2010	2011
<b>Energy Supply</b>															
Crude Oil Production (a) (million barrels per day) .....	5.21	5.31	5.46	5.46	5.47	5.48	5.49	5.58	5.60	5.52	5.35	5.42	5.36	5.50	5.47
Dry Natural Gas Production (billion cubic feet per day) .....	58.11	57.63	56.84	57.08	58.36	59.00	59.70	60.39	60.01	59.61	59.06	58.45	57.41	59.37	59.28
Coal Production (million short tons) .....	281	263	269	260	265	265	274	279	272	260	281	276	1,073	1,084	1,089
<b>Energy Consumption</b>															
Liquid Fuels (million barrels per day) .....	18.86	18.57	18.72	18.93	18.82	19.01	19.49	19.04	19.24	19.17	19.35	19.26	18.77	19.09	19.26
Natural Gas (billion cubic feet per day) .....	79.54	52.33	53.69	63.90	83.26	54.44	57.83	68.23	80.87	54.10	56.84	70.01	62.30	65.88	65.40
Coal (b) (million short tons) .....	255	231	260	253	265	248	286	262	269	239	284	262	1,000	1,061	1,055
Electricity (billion kilowatt hours per day) .....	10.31	9.67	11.21	9.80	10.72	10.10	12.10	9.99	10.56	10.18	11.96	10.15	10.25	10.73	10.72
Renewables (c) (quadrillion Btu) .....	1.70	1.94	1.71	1.83	1.79	1.97	1.82	1.74	1.85	2.19	1.89	1.80	7.18	7.32	7.74
Total Energy Consumption (d) (quadrillion Btu) .....	25.18	22.32	23.21	24.01	25.75	22.98	24.70	24.70	25.84	23.30	24.54	24.99	94.72	98.12	98.67
<b>Energy Prices</b>															
Crude Oil (e) (dollars per barrel) .....	40.45	56.90	66.43	73.14	75.88	75.34	74.05	81.58	82.00	83.34	84.81	86.50	59.36	76.66	84.18
Natural Gas Wellhead (dollars per thousand cubic feet) .....	4.36	3.44	3.17	3.89	4.79	4.07	4.11	3.50	3.81	3.75	3.81	4.30	3.72	4.11	3.91
Coal (dollars per million Btu) .....	2.26	2.23	2.20	2.15	2.27	2.27	2.29	2.26	2.29	2.28	2.25	2.23	2.21	2.27	2.26
<b>Macroeconomic</b>															
Real Gross Domestic Product (billion chained 2005 dollars - SAAR) .....	12,833	12,810	12,861	13,019	13,139	13,195	13,261	13,340	13,404	13,464	13,540	13,647	12,881	13,234	13,514
Percent change from prior year .....	-3.8	-4.1	-2.7	0.2	2.4	3.0	3.1	2.5	2.0	2.0	2.1	2.3	-2.6	2.7	2.1
GDP Implicit Price Deflator (Index, 2005=100) .....	109.5	109.6	109.8	109.7	110.0	110.5	111.1	111.1	111.7	111.9	112.3	112.7	109.6	110.7	112.2
Percent change from prior year .....	1.9	1.2	0.2	0.5	0.5	0.8	1.2	1.3	1.6	1.3	1.1	1.4	0.9	1.0	1.4
Real Disposable Personal Income (billion chained 2005 dollars - SAAR) .....	10,047	10,193	10,080	10,080	10,113	10,224	10,237	10,258	10,253	10,298	10,334	10,388	10,100	10,208	10,318
Percent change from prior year .....	0.8	0.0	1.1	0.4	0.7	0.3	1.6	1.8	1.4	0.7	0.9	1.3	0.6	1.1	1.1
Manufacturing Production Index (Index, 2007=100) .....	85.2	83.3	85.5	87.0	88.5	90.5	91.4	91.9	92.7	93.4	94.2	95.2	85.2	90.6	93.9
Percent change from prior year .....	-14.5	-14.7	-10.0	-3.7	3.9	8.7	7.0	5.7	4.8	3.1	3.1	3.6	-10.9	6.3	3.6
<b>Weather</b>															
U.S. Heating Degree-Days .....	2,257	502	86	1,648	2,301	436	68	1,565	2,218	543	100	1,631	4,494	4,370	4,492
U.S. Cooling Degree-Days .....	31	367	759	70	10	434	937	79	38	345	771	77	1,228	1,460	1,231

- = 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 - December 2010

	2009				2010				2011				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2009	2010	2011
<b>Crude Oil</b> (dollars per barrel)															
West Texas Intermediate Spot Average .....	<b>42.90</b>	<b>59.48</b>	<b>68.20</b>	<b>76.06</b>	<b>78.64</b>	<b>77.79</b>	<b>76.12</b>	<i>83.38</i>	<i>84.00</i>	<i>85.00</i>	<i>86.83</i>	<i>88.50</i>	<b>61.66</b>	<i>78.98</i>	<i>86.08</i>
Imported Average .....	<b>40.48</b>	<b>57.50</b>	<b>66.38</b>	<b>73.04</b>	<b>75.28</b>	<b>74.33</b>	<b>73.32</b>	<i>80.73</i>	<i>81.00</i>	<i>82.34</i>	<i>83.81</i>	<i>85.49</i>	<b>59.04</b>	<i>75.80</i>	<i>83.19</i>
Refiner Average Acquisition Cost .....	<b>40.45</b>	<b>56.90</b>	<b>66.43</b>	<b>73.14</b>	<b>75.88</b>	<b>75.34</b>	<b>74.05</b>	<i>81.58</i>	<i>82.00</i>	<i>83.34</i>	<i>84.81</i>	<i>86.50</i>	<b>59.36</b>	<i>76.66</i>	<i>84.18</i>
<b>Liquid Fuels</b> (cents per gallon)															
<b>Refiner Prices for Resale</b>															
Gasoline .....	<b>133</b>	<b>176</b>	<b>194</b>	<b>200</b>	<b>211</b>	<b>218</b>	<b>210</b>	<i>226</i>	<i>230</i>	<i>239</i>	<i>241</i>	<i>235</i>	<b>176</b>	<i>216</i>	<i>236</i>
Diesel Fuel .....	<b>141</b>	<b>163</b>	<b>186</b>	<b>202</b>	<b>211</b>	<b>221</b>	<b>215</b>	<i>239</i>	<i>241</i>	<i>245</i>	<i>247</i>	<i>250</i>	<b>173</b>	<i>221</i>	<i>246</i>
Heating Oil .....	<b>145</b>	<b>151</b>	<b>175</b>	<b>197</b>	<b>205</b>	<b>212</b>	<b>204</b>	<i>233</i>	<i>236</i>	<i>234</i>	<i>236</i>	<i>244</i>	<b>166</b>	<i>214</i>	<i>238</i>
<b>Refiner Prices to End Users</b>															
Jet Fuel .....	<b>137</b>	<b>159</b>	<b>184</b>	<b>200</b>	<b>210</b>	<b>219</b>	<b>214</b>	<i>237</i>	<i>241</i>	<i>243</i>	<i>245</i>	<i>248</i>	<b>171</b>	<i>220</i>	<i>244</i>
No. 6 Residual Fuel Oil (a) .....	<b>104</b>	<b>122</b>	<b>151</b>	<b>165</b>	<b>172</b>	<b>170</b>	<b>165</b>	<i>179</i>	<i>187</i>	<i>190</i>	<i>194</i>	<i>201</i>	<b>133</b>	<i>171</i>	<i>193</i>
Propane to Petrochemical Sector .....	<b>68</b>	<b>72</b>	<b>86</b>	<b>109</b>	<b>123</b>	<b>109</b>	<b>107</b>	<i>125</i>	<i>124</i>	<i>115</i>	<i>114</i>	<i>123</i>	<b>86</b>	<i>117</i>	<i>120</i>
<b>Retail Prices Including Taxes</b>															
Gasoline Regular Grade (b) .....	<b>189</b>	<b>232</b>	<b>257</b>	<b>260</b>	<b>271</b>	<b>281</b>	<b>272</b>	<i>284</i>	<i>291</i>	<i>302</i>	<i>307</i>	<i>299</i>	<b>235</b>	<i>277</i>	<i>300</i>
Gasoline All Grades (b) .....	<b>194</b>	<b>237</b>	<b>262</b>	<b>266</b>	<b>277</b>	<b>286</b>	<b>277</b>	<i>290</i>	<i>296</i>	<i>307</i>	<i>312</i>	<i>304</i>	<b>240</b>	<i>282</i>	<i>305</i>
On-highway Diesel Fuel .....	<b>220</b>	<b>233</b>	<b>260</b>	<b>274</b>	<b>285</b>	<b>303</b>	<b>294</b>	<i>312</i>	<i>317</i>	<i>321</i>	<i>324</i>	<i>328</i>	<b>246</b>	<i>298</i>	<i>323</i>
Heating Oil .....	<b>247</b>	<b>235</b>	<b>243</b>	<b>273</b>	<b>290</b>	<b>288</b>	<b>276</b>	<i>311</i>	<i>322</i>	<i>310</i>	<i>309</i>	<i>330</i>	<b>252</b>	<i>295</i>	<i>321</i>
Propane .....	<b>232</b>	<b>202</b>	<b>184</b>	<b>207</b>	<b>240</b>	<b>233</b>	<b>211</b>	<i>239</i>	<i>253</i>	<i>244</i>	<i>217</i>	<i>242</i>	<b>213</b>	<i>235</i>	<i>243</i>
<b>Natural Gas</b>															
Average Wellhead (dollars per thousand cubic feet) .....	<b>4.36</b>	<b>3.44</b>	<b>3.17</b>	<b>3.89</b>	<b>4.79</b>	<b>4.07</b>	<b>4.11</b>	<i>3.50</i>	<i>3.81</i>	<i>3.75</i>	<i>3.81</i>	<i>4.30</i>	<b>3.72</b>	<i>4.11</i>	<i>3.91</i>
Henry Hub Spot (dollars per thousand cubic feet) .....	<b>4.71</b>	<b>3.82</b>	<b>3.26</b>	<b>4.46</b>	<b>5.30</b>	<b>4.45</b>	<b>4.41</b>	<i>3.84</i>	<i>4.38</i>	<i>4.21</i>	<i>4.30</i>	<i>4.95</i>	<b>4.06</b>	<i>4.50</i>	<i>4.46</i>
Henry Hub Spot (dollars per Million Btu) .....	<b>4.57</b>	<b>3.71</b>	<b>3.17</b>	<b>4.33</b>	<b>5.15</b>	<b>4.32</b>	<b>4.28</b>	<i>3.73</i>	<i>4.26</i>	<i>4.09</i>	<i>4.18</i>	<i>4.81</i>	<b>3.95</b>	<i>4.37</i>	<i>4.33</i>
<b>End-Use Prices</b> (dollars per thousand cubic feet)															
Industrial Sector .....	<b>6.53</b>	<b>4.63</b>	<b>4.25</b>	<b>5.42</b>	<b>6.58</b>	<b>5.02</b>	<b>5.10</b>	<i>5.18</i>	<i>5.86</i>	<i>5.31</i>	<i>5.28</i>	<i>6.12</i>	<b>5.28</b>	<i>5.50</i>	<i>5.66</i>
Commercial Sector .....	<b>10.74</b>	<b>9.38</b>	<b>9.43</b>	<b>8.91</b>	<b>9.31</b>	<b>9.26</b>	<b>9.60</b>	<i>9.01</i>	<i>9.15</i>	<i>8.88</i>	<i>9.46</i>	<i>9.62</i>	<b>9.85</b>	<i>9.25</i>	<i>9.28</i>
Residential Sector .....	<b>12.15</b>	<b>12.25</b>	<b>14.76</b>	<b>10.80</b>	<b>10.61</b>	<b>12.58</b>	<b>15.45</b>	<i>11.21</i>	<i>10.50</i>	<i>11.81</i>	<i>15.12</i>	<i>12.00</i>	<b>11.96</b>	<i>11.40</i>	<i>11.50</i>
<b>Electricity</b>															
<b>Power Generation Fuel Costs</b> (dollars per million Btu)															
Coal .....	<b>2.26</b>	<b>2.23</b>	<b>2.20</b>	<b>2.15</b>	<b>2.27</b>	<b>2.27</b>	<b>2.29</b>	<i>2.26</i>	<i>2.29</i>	<i>2.28</i>	<i>2.25</i>	<i>2.23</i>	<b>2.21</b>	<i>2.27</i>	<i>2.26</i>
Natural Gas .....	<b>5.45</b>	<b>4.43</b>	<b>4.07</b>	<b>5.18</b>	<b>6.06</b>	<b>4.89</b>	<b>4.88</b>	<i>4.71</i>	<i>5.01</i>	<i>4.80</i>	<i>4.90</i>	<i>5.41</i>	<b>4.69</b>	<i>5.08</i>	<i>5.01</i>
Residual Fuel Oil (c) .....	<b>6.80</b>	<b>8.26</b>	<b>10.65</b>	<b>11.24</b>	<b>11.74</b>	<b>11.96</b>	<b>11.79</b>	<i>12.23</i>	<i>12.73</i>	<i>13.00</i>	<i>13.10</i>	<i>13.31</i>	<b>8.85</b>	<i>11.92</i>	<i>13.02</i>
Distillate Fuel Oil .....	<b>11.10</b>	<b>12.30</b>	<b>14.59</b>	<b>15.55</b>	<b>15.70</b>	<b>16.29</b>	<b>15.84</b>	<i>18.08</i>	<i>18.27</i>	<i>18.15</i>	<i>18.46</i>	<i>18.99</i>	<b>13.10</b>	<i>16.31</i>	<i>18.47</i>
<b>End-Use Prices</b> (cents per kilowatthour)															
Industrial Sector .....	<b>6.85</b>	<b>6.91</b>	<b>7.07</b>	<b>6.55</b>	<b>6.53</b>	<b>6.76</b>	<b>7.20</b>	<i>6.71</i>	<i>6.43</i>	<i>6.72</i>	<i>7.15</i>	<i>6.71</i>	<b>6.84</b>	<i>6.81</i>	<i>6.76</i>
Commercial Sector .....	<b>10.09</b>	<b>10.20</b>	<b>10.58</b>	<b>9.92</b>	<b>9.83</b>	<b>10.22</b>	<b>10.65</b>	<i>10.11</i>	<i>9.79</i>	<i>10.24</i>	<i>10.78</i>	<i>10.19</i>	<b>10.21</b>	<i>10.22</i>	<i>10.28</i>
Residential Sector .....	<b>11.15</b>	<b>11.74</b>	<b>11.96</b>	<b>11.29</b>	<b>10.86</b>	<b>11.88</b>	<b>11.99</b>	<i>11.42</i>	<i>10.92</i>	<i>11.82</i>	<i>12.18</i>	<i>11.59</i>	<b>11.55</b>	<i>11.54</i>	<i>11.65</i>

- = no data available

Prices are not adjusted for inflation.

(a) Average for all sulfur contents.

(b) Average self-service cash price.

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

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

Prices exclude taxes unless otherwise noted

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

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

Natural gas Henry Hub and WTI crude oil spot prices from Reuter's News Service (<http://www.reuters.com>).

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

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

**Table 3a. International Crude Oil and Liquid Fuels Supply, Consumption, and Inventories**  
Energy Information Administration/Short-Term Energy Outlook - December 2010

	2009				2010				2011				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2009	2010	2011
<b>Supply (million barrels per day) (a)</b>															
OECD .....	<b>21.18</b>	<b>20.74</b>	<b>20.97</b>	<b>21.35</b>	<b>21.34</b>	<b>21.28</b>	<b>21.17</b>	<i>21.13</i>	<i>21.13</i>	<i>20.87</i>	<i>20.28</i>	<i>20.47</i>	<b>21.06</b>	<i>21.23</i>	<i>20.68</i>
U.S. (50 States) .....	<b>8.77</b>	<b>9.09</b>	<b>9.32</b>	<b>9.38</b>	<b>9.46</b>	<b>9.56</b>	<b>9.62</b>	<i>9.65</i>	<i>9.63</i>	<i>9.61</i>	<i>9.43</i>	<i>9.43</i>	<b>9.14</b>	<i>9.57</i>	<i>9.53</i>
Canada .....	<b>3.39</b>	<b>3.11</b>	<b>3.32</b>	<b>3.36</b>	<b>3.29</b>	<b>3.30</b>	<b>3.35</b>	<i>3.40</i>	<i>3.44</i>	<i>3.36</i>	<i>3.36</i>	<i>3.42</i>	<b>3.29</b>	<i>3.33</i>	<i>3.39</i>
Mexico .....	<b>3.06</b>	<b>2.99</b>	<b>2.96</b>	<b>2.98</b>	<b>3.02</b>	<b>2.99</b>	<b>2.95</b>	<i>2.82</i>	<i>2.80</i>	<i>2.82</i>	<i>2.70</i>	<i>2.66</i>	<b>3.00</b>	<i>2.94</i>	<i>2.75</i>
North Sea (b) .....	<b>4.40</b>	<b>4.02</b>	<b>3.81</b>	<b>4.07</b>	<b>4.08</b>	<b>3.89</b>	<b>3.72</b>	<i>3.71</i>	<i>3.74</i>	<i>3.58</i>	<i>3.29</i>	<i>3.49</i>	<b>4.07</b>	<i>3.85</i>	<i>3.52</i>
Other OECD .....	<b>1.54</b>	<b>1.53</b>	<b>1.56</b>	<b>1.56</b>	<b>1.51</b>	<b>1.54</b>	<b>1.54</b>	<i>1.55</i>	<i>1.52</i>	<i>1.51</i>	<i>1.49</i>	<i>1.46</i>	<b>1.55</b>	<i>1.54</i>	<i>1.50</i>
Non-OECD .....	<b>62.36</b>	<b>62.92</b>	<b>63.75</b>	<b>64.03</b>	<b>64.53</b>	<b>64.91</b>	<b>65.36</b>	<i>65.68</i>	<i>66.07</i>	<i>66.60</i>	<i>66.70</i>	<i>66.51</i>	<b>63.27</b>	<i>65.12</i>	<i>66.47</i>
OPEC .....	<b>33.36</b>	<b>33.59</b>	<b>34.24</b>	<b>34.28</b>	<b>34.51</b>	<b>34.69</b>	<b>35.06</b>	<i>35.07</i>	<i>35.41</i>	<i>35.82</i>	<i>36.34</i>	<i>36.08</i>	<b>33.87</b>	<i>34.84</i>	<i>35.91</i>
Crude Oil Portion .....	<b>28.88</b>	<b>28.86</b>	<b>29.32</b>	<b>29.32</b>	<b>29.40</b>	<b>29.38</b>	<b>29.49</b>	<i>29.28</i>	<i>29.44</i>	<i>29.67</i>	<i>30.17</i>	<i>29.87</i>	<b>29.10</b>	<i>29.39</i>	<i>29.79</i>
Other Liquids .....	<b>4.49</b>	<b>4.74</b>	<b>4.92</b>	<b>4.96</b>	<b>5.11</b>	<b>5.32</b>	<b>5.58</b>	<i>5.79</i>	<i>5.96</i>	<i>6.14</i>	<i>6.17</i>	<i>6.21</i>	<b>4.78</b>	<i>5.45</i>	<i>6.12</i>
Former Soviet Union .....	<b>12.60</b>	<b>12.88</b>	<b>12.99</b>	<b>13.12</b>	<b>13.11</b>	<b>13.17</b>	<b>13.12</b>	<i>13.31</i>	<i>13.27</i>	<i>13.29</i>	<i>13.12</i>	<i>13.12</i>	<b>12.90</b>	<i>13.18</i>	<i>13.20</i>
China .....	<b>3.93</b>	<b>3.99</b>	<b>4.02</b>	<b>4.03</b>	<b>4.16</b>	<b>4.20</b>	<b>4.26</b>	<i>4.14</i>	<i>4.12</i>	<i>4.18</i>	<i>4.15</i>	<i>4.19</i>	<b>3.99</b>	<i>4.19</i>	<i>4.16</i>
Other Non-OECD .....	<b>12.46</b>	<b>12.46</b>	<b>12.50</b>	<b>12.61</b>	<b>12.76</b>	<b>12.85</b>	<b>12.91</b>	<i>13.15</i>	<i>13.27</i>	<i>13.32</i>	<i>13.09</i>	<i>13.11</i>	<b>12.51</b>	<i>12.92</i>	<i>13.20</i>
Total World Supply .....	<b>83.53</b>	<b>83.67</b>	<b>84.72</b>	<b>85.38</b>	<b>85.88</b>	<b>86.19</b>	<b>86.53</b>	<i>86.81</i>	<i>87.20</i>	<i>87.47</i>	<i>86.98</i>	<i>86.97</i>	<b>84.33</b>	<i>86.35</i>	<i>87.15</i>
Non-OPEC Supply .....	<b>50.17</b>	<b>50.07</b>	<b>50.48</b>	<b>51.10</b>	<b>51.37</b>	<b>51.49</b>	<b>51.47</b>	<i>51.74</i>	<i>51.79</i>	<i>51.65</i>	<i>50.64</i>	<i>50.89</i>	<b>50.46</b>	<i>51.52</i>	<i>51.24</i>
<b>Consumption (million barrels per day) (c)</b>															
OECD .....	<b>46.40</b>	<b>44.47</b>	<b>44.97</b>	<b>45.86</b>	<b>45.78</b>	<b>45.11</b>	<b>45.80</b>	<i>46.12</i>	<i>46.34</i>	<i>44.82</i>	<i>45.44</i>	<i>46.10</i>	<b>45.42</b>	<i>45.70</i>	<i>45.67</i>
U.S. (50 States) .....	<b>18.86</b>	<b>18.57</b>	<b>18.72</b>	<b>18.93</b>	<b>18.82</b>	<b>19.01</b>	<b>19.33</b>	<i>19.05</i>	<i>19.24</i>	<i>19.18</i>	<i>19.31</i>	<i>19.22</i>	<b>18.77</b>	<i>19.05</i>	<i>19.24</i>
U.S. Territories .....	<b>0.26</b>	<b>0.27</b>	<b>0.27</b>	<b>0.27</b>	<b>0.27</b>	<b>0.27</b>	<b>0.27</b>	<i>0.27</i>	<i>0.27</i>	<i>0.27</i>	<i>0.27</i>	<i>0.27</i>	<b>0.27</b>	<i>0.27</i>	<i>0.27</i>
Canada .....	<b>2.20</b>	<b>2.08</b>	<b>2.16</b>	<b>2.17</b>	<b>2.19</b>	<b>2.24</b>	<b>2.25</b>	<i>2.26</i>	<i>2.27</i>	<i>2.19</i>	<i>2.30</i>	<i>2.29</i>	<b>2.15</b>	<i>2.23</i>	<i>2.26</i>
Europe .....	<b>14.89</b>	<b>14.27</b>	<b>14.47</b>	<b>14.35</b>	<b>14.17</b>	<b>14.13</b>	<b>14.59</b>	<i>14.54</i>	<i>14.24</i>	<i>13.89</i>	<i>14.35</i>	<i>14.46</i>	<b>14.49</b>	<i>14.36</i>	<i>14.24</i>
Japan .....	<b>4.73</b>	<b>4.04</b>	<b>4.11</b>	<b>4.60</b>	<b>4.79</b>	<b>4.03</b>	<b>4.05</b>	<i>4.45</i>	<i>4.64</i>	<i>3.85</i>	<i>3.88</i>	<i>4.24</i>	<b>4.37</b>	<i>4.33</i>	<i>4.15</i>
Other OECD .....	<b>5.45</b>	<b>5.25</b>	<b>5.25</b>	<b>5.54</b>	<b>5.55</b>	<b>5.44</b>	<b>5.31</b>	<i>5.55</i>	<i>5.67</i>	<i>5.44</i>	<i>5.35</i>	<i>5.62</i>	<b>5.37</b>	<i>5.46</i>	<i>5.52</i>
Non-OECD .....	<b>37.25</b>	<b>39.52</b>	<b>39.59</b>	<b>39.25</b>	<b>39.69</b>	<b>41.22</b>	<b>41.02</b>	<i>40.66</i>	<i>41.48</i>	<i>42.47</i>	<i>42.52</i>	<i>41.95</i>	<b>38.91</b>	<i>40.65</i>	<i>42.11</i>
Former Soviet Union .....	<b>4.09</b>	<b>4.19</b>	<b>4.23</b>	<b>4.32</b>	<b>4.31</b>	<b>4.33</b>	<b>4.48</b>	<i>4.44</i>	<i>4.42</i>	<i>4.47</i>	<i>4.62</i>	<i>4.58</i>	<b>4.21</b>	<i>4.39</i>	<i>4.52</i>
Europe .....	<b>0.77</b>	<b>0.77</b>	<b>0.82</b>	<b>0.82</b>	<b>0.79</b>	<b>0.77</b>	<b>0.83</b>	<i>0.83</i>	<i>0.76</i>	<i>0.74</i>	<i>0.80</i>	<i>0.79</i>	<b>0.79</b>	<i>0.80</i>	<i>0.77</i>
China .....	<b>7.72</b>	<b>8.55</b>	<b>8.43</b>	<b>8.59</b>	<b>8.88</b>	<b>9.31</b>	<b>8.89</b>	<i>9.10</i>	<i>9.48</i>	<i>9.73</i>	<i>9.60</i>	<i>9.50</i>	<b>8.32</b>	<i>9.05</i>	<i>9.58</i>
Other Asia .....	<b>9.43</b>	<b>9.65</b>	<b>9.29</b>	<b>9.45</b>	<b>9.77</b>	<b>9.89</b>	<b>9.43</b>	<i>9.65</i>	<i>10.13</i>	<i>10.15</i>	<i>9.69</i>	<i>9.92</i>	<b>9.45</b>	<i>9.68</i>	<i>9.97</i>
Other Non-OECD .....	<b>15.24</b>	<b>16.37</b>	<b>16.82</b>	<b>16.08</b>	<b>15.94</b>	<b>16.92</b>	<b>17.40</b>	<i>16.64</i>	<i>16.69</i>	<i>17.38</i>	<i>17.81</i>	<i>17.16</i>	<b>16.13</b>	<i>16.73</i>	<i>17.26</i>
Total World Consumption .....	<b>83.64</b>	<b>83.99</b>	<b>84.56</b>	<b>85.11</b>	<b>85.47</b>	<b>86.34</b>	<b>86.82</b>	<i>86.77</i>	<i>87.81</i>	<i>87.29</i>	<i>87.96</i>	<i>88.05</i>	<b>84.33</b>	<i>86.35</i>	<i>87.78</i>
<b>Inventory Net Withdrawals (million barrels per day)</b>															
U.S. (50 States) .....	<b>-0.73</b>	<b>-0.46</b>	<b>-0.04</b>	<b>0.78</b>	<b>-0.03</b>	<b>-0.65</b>	<b>-0.25</b>	<i>0.69</i>	<i>0.19</i>	<i>-0.40</i>	<i>-0.08</i>	<i>0.42</i>	<b>-0.11</b>	<i>-0.06</i>	<i>0.03</i>
Other OECD .....	<b>-0.06</b>	<b>0.23</b>	<b>-0.20</b>	<b>0.45</b>	<b>-0.13</b>	<b>-0.25</b>	<b>0.17</b>	<i>-0.29</i>	<i>0.17</i>	<i>0.08</i>	<i>0.40</i>	<i>0.26</i>	<b>0.11</b>	<i>-0.13</i>	<i>0.23</i>
Other Stock Draws and Balance .....	<b>0.90</b>	<b>0.55</b>	<b>0.08</b>	<b>-1.50</b>	<b>-0.24</b>	<b>1.05</b>	<b>0.37</b>	<i>-0.44</i>	<i>0.26</i>	<i>0.13</i>	<i>0.65</i>	<i>0.40</i>	<b>0.00</b>	<i>0.19</i>	<i>0.36</i>
Total Stock Draw .....	<b>0.11</b>	<b>0.32</b>	<b>-0.16</b>	<b>-0.27</b>	<b>-0.40</b>	<b>0.15</b>	<b>0.29</b>	<i>-0.04</i>	<i>0.62</i>	<i>-0.19</i>	<i>0.98</i>	<i>1.08</i>	<b>0.00</b>	<i>0.00</i>	<i>0.62</i>
<b>End-of-period Inventories (million barrels)</b>															
U.S. Commercial Inventory .....	<b>1,090</b>	<b>1,120</b>	<b>1,123</b>	<b>1,050</b>	<b>1,053</b>	<b>1,112</b>	<b>1,135</b>	<i>1,071</i>	<i>1,054</i>	<i>1,090</i>	<i>1,097</i>	<i>1,058</i>	<b>1,050</b>	<i>1,071</i>	<i>1,058</i>
OECD Commercial Inventory .....	<b>2,743</b>	<b>2,750</b>	<b>2,769</b>	<b>2,654</b>	<b>2,666</b>	<b>2,752</b>	<b>2,764</b>	<i>2,727</i>	<i>2,694</i>	<i>2,723</i>	<i>2,693</i>	<i>2,631</i>	<b>2,654</b>	<i>2,727</i>	<i>2,631</i>

- = no data available

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

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

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

(a) Supply includes production of crude oil (including lease condensates), natural gas plant liquids, 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 - December 2010

	2009				2010				2011				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2009	2010	2011
<b>North America</b> .....	<b>15.23</b>	<b>15.19</b>	<b>15.60</b>	<b>15.72</b>	<b>15.76</b>	<b>15.85</b>	<b>15.91</b>	<i>15.87</i>	<i>15.87</i>	<i>15.78</i>	<i>15.49</i>	<i>15.52</i>	<b>15.44</b>	<i>15.85</i>	<i>15.66</i>
Canada .....	<b>3.39</b>	<b>3.11</b>	<b>3.32</b>	<b>3.36</b>	<b>3.29</b>	<b>3.30</b>	<b>3.35</b>	<i>3.40</i>	<i>3.44</i>	<i>3.36</i>	<i>3.36</i>	<i>3.42</i>	<b>3.29</b>	<i>3.33</i>	<i>3.39</i>
Mexico .....	<b>3.06</b>	<b>2.99</b>	<b>2.96</b>	<b>2.98</b>	<b>3.02</b>	<b>2.99</b>	<b>2.95</b>	<i>2.82</i>	<i>2.80</i>	<i>2.82</i>	<i>2.70</i>	<i>2.66</i>	<b>3.00</b>	<i>2.94</i>	<i>2.75</i>
United States .....	<b>8.77</b>	<b>9.09</b>	<b>9.32</b>	<b>9.38</b>	<b>9.46</b>	<b>9.56</b>	<b>9.62</b>	<i>9.65</i>	<i>9.63</i>	<i>9.61</i>	<i>9.43</i>	<i>9.43</i>	<b>9.14</b>	<i>9.57</i>	<i>9.53</i>
<b>Central and South America</b> .....	<b>4.45</b>	<b>4.48</b>	<b>4.50</b>	<b>4.62</b>	<b>4.70</b>	<b>4.78</b>	<b>4.83</b>	<i>4.89</i>	<i>4.96</i>	<i>5.01</i>	<i>4.94</i>	<i>4.96</i>	<b>4.51</b>	<i>4.80</i>	<i>4.97</i>
Argentina .....	<b>0.82</b>	<b>0.81</b>	<b>0.77</b>	<b>0.79</b>	<b>0.78</b>	<b>0.77</b>	<b>0.77</b>	<i>0.77</i>	<i>0.77</i>	<i>0.77</i>	<i>0.76</i>	<i>0.75</i>	<b>0.80</b>	<i>0.77</i>	<i>0.76</i>
Brazil .....	<b>2.52</b>	<b>2.55</b>	<b>2.58</b>	<b>2.63</b>	<b>2.68</b>	<b>2.75</b>	<b>2.78</b>	<i>2.84</i>	<i>2.90</i>	<i>2.94</i>	<i>2.88</i>	<i>2.89</i>	<b>2.57</b>	<i>2.76</i>	<i>2.90</i>
Colombia .....	<b>0.65</b>	<b>0.67</b>	<b>0.68</b>	<b>0.74</b>	<b>0.77</b>	<b>0.79</b>	<b>0.81</b>	<i>0.82</i>	<i>0.83</i>	<i>0.84</i>	<i>0.84</i>	<i>0.86</i>	<b>0.69</b>	<i>0.80</i>	<i>0.84</i>
Other Central and S. America .....	<b>0.46</b>	<b>0.45</b>	<b>0.46</b>	<b>0.46</b>	<b>0.47</b>	<b>0.46</b>	<b>0.47</b>	<i>0.46</i>	<i>0.46</i>	<i>0.46</i>	<i>0.46</i>	<i>0.46</i>	<b>0.46</b>	<i>0.47</i>	<i>0.46</i>
<b>Europe</b> .....	<b>5.26</b>	<b>4.89</b>	<b>4.67</b>	<b>4.93</b>	<b>4.92</b>	<b>4.75</b>	<b>4.59</b>	<i>4.57</i>	<i>4.58</i>	<i>4.41</i>	<i>4.11</i>	<i>4.31</i>	<b>4.94</b>	<i>4.71</i>	<i>4.35</i>
Norway .....	<b>2.53</b>	<b>2.21</b>	<b>2.29</b>	<b>2.38</b>	<b>2.32</b>	<b>2.19</b>	<b>2.15</b>	<i>2.18</i>	<i>2.17</i>	<i>2.09</i>	<i>1.97</i>	<i>2.06</i>	<b>2.35</b>	<i>2.21</i>	<i>2.07</i>
United Kingdom (offshore) .....	<b>1.55</b>	<b>1.51</b>	<b>1.22</b>	<b>1.41</b>	<b>1.46</b>	<b>1.41</b>	<b>1.29</b>	<i>1.25</i>	<i>1.29</i>	<i>1.21</i>	<i>1.06</i>	<i>1.17</i>	<b>1.42</b>	<i>1.35</i>	<i>1.18</i>
Other North Sea .....	<b>0.32</b>	<b>0.30</b>	<b>0.30</b>	<b>0.28</b>	<b>0.30</b>	<b>0.29</b>	<b>0.28</b>	<i>0.28</i>	<i>0.28</i>	<i>0.28</i>	<i>0.27</i>	<i>0.26</i>	<b>0.30</b>	<i>0.29</i>	<i>0.27</i>
<b>FSU and Eastern Europe</b> .....	<b>12.60</b>	<b>12.88</b>	<b>12.99</b>	<b>13.12</b>	<b>13.11</b>	<b>13.17</b>	<b>13.12</b>	<i>13.31</i>	<i>13.27</i>	<i>13.29</i>	<i>13.12</i>	<i>13.12</i>	<b>12.90</b>	<i>13.18</i>	<i>13.20</i>
Azerbaijan .....	<b>0.93</b>	<b>1.07</b>	<b>1.04</b>	<b>1.01</b>	<b>1.00</b>	<b>1.05</b>	<b>1.05</b>	<i>1.14</i>	<i>1.22</i>	<i>1.23</i>	<i>1.20</i>	<i>1.19</i>	<b>1.01</b>	<i>1.06</i>	<i>1.21</i>
Kazakhstan .....	<b>1.49</b>	<b>1.51</b>	<b>1.55</b>	<b>1.62</b>	<b>1.61</b>	<b>1.57</b>	<b>1.62</b>	<i>1.60</i>	<i>1.63</i>	<i>1.64</i>	<i>1.63</i>	<i>1.64</i>	<b>1.54</b>	<i>1.60</i>	<i>1.64</i>
Russia .....	<b>9.77</b>	<b>9.88</b>	<b>9.99</b>	<b>10.08</b>	<b>10.10</b>	<b>10.14</b>	<b>10.04</b>	<i>10.16</i>	<i>10.02</i>	<i>10.02</i>	<i>9.90</i>	<i>9.91</i>	<b>9.93</b>	<i>10.11</i>	<i>9.96</i>
Turkmenistan .....	<b>0.19</b>	<b>0.20</b>	<b>0.20</b>	<b>0.20</b>	<b>0.20</b>	<b>0.21</b>	<b>0.21</b>	<i>0.21</i>	<i>0.21</i>	<i>0.21</i>	<i>0.21</i>	<i>0.21</i>	<b>0.20</b>	<i>0.21</i>	<i>0.21</i>
Other FSU/Eastern Europe .....	<b>0.42</b>	<b>0.42</b>	<b>0.41</b>	<b>0.41</b>	<b>0.41</b>	<b>0.41</b>	<b>0.41</b>	<i>0.41</i>	<i>0.40</i>	<i>0.40</i>	<i>0.39</i>	<i>0.39</i>	<b>0.42</b>	<i>0.41</i>	<i>0.39</i>
<b>Middle East</b> .....	<b>1.53</b>	<b>1.55</b>	<b>1.58</b>	<b>1.57</b>	<b>1.59</b>	<b>1.58</b>	<b>1.57</b>	<i>1.58</i>	<i>1.57</i>	<i>1.56</i>	<i>1.53</i>	<i>1.53</i>	<b>1.56</b>	<i>1.58</i>	<i>1.54</i>
Oman .....	<b>0.79</b>	<b>0.80</b>	<b>0.84</b>	<b>0.84</b>	<b>0.86</b>	<b>0.86</b>	<b>0.87</b>	<i>0.87</i>	<i>0.86</i>	<i>0.86</i>	<i>0.85</i>	<i>0.85</i>	<b>0.82</b>	<i>0.86</i>	<i>0.86</i>
Syria .....	<b>0.40</b>	<i>0.40</i>	<i>0.39</i>	<i>0.39</i>	<i>0.38</i>	<i>0.38</i>	<b>0.40</b>	<i>0.40</i>	<i>0.38</i>						
Yemen .....	<b>0.29</b>	<b>0.29</b>	<b>0.29</b>	<b>0.28</b>	<b>0.27</b>	<b>0.26</b>	<b>0.26</b>	<i>0.26</i>	<i>0.26</i>	<i>0.25</i>	<i>0.24</i>	<i>0.25</i>	<b>0.29</b>	<i>0.26</i>	<i>0.25</i>
<b>Asia and Oceania</b> .....	<b>8.47</b>	<b>8.48</b>	<b>8.54</b>	<b>8.54</b>	<b>8.68</b>	<b>8.77</b>	<b>8.88</b>	<i>8.94</i>	<i>8.96</i>	<i>8.99</i>	<i>8.89</i>	<i>8.90</i>	<b>8.51</b>	<i>8.82</i>	<i>8.93</i>
Australia .....	<b>0.59</b>	<b>0.58</b>	<b>0.60</b>	<b>0.59</b>	<b>0.56</b>	<b>0.58</b>	<b>0.58</b>	<i>0.59</i>	<i>0.58</i>	<i>0.57</i>	<i>0.57</i>	<i>0.54</i>	<b>0.59</b>	<i>0.58</i>	<i>0.57</i>
China .....	<b>3.93</b>	<b>3.99</b>	<b>4.02</b>	<b>4.03</b>	<b>4.16</b>	<b>4.20</b>	<b>4.26</b>	<i>4.14</i>	<i>4.12</i>	<i>4.18</i>	<i>4.15</i>	<i>4.19</i>	<b>3.99</b>	<i>4.19</i>	<i>4.16</i>
India .....	<b>0.87</b>	<b>0.88</b>	<b>0.87</b>	<b>0.89</b>	<b>0.91</b>	<b>0.92</b>	<b>0.98</b>	<i>1.00</i>	<i>1.01</i>	<i>1.00</i>	<i>0.98</i>	<i>0.97</i>	<b>0.88</b>	<i>0.95</i>	<i>0.99</i>
Indonesia .....	<b>1.04</b>	<b>1.02</b>	<b>1.02</b>	<b>1.02</b>	<b>1.02</b>	<b>1.04</b>	<b>1.02</b>	<i>1.03</i>	<i>1.03</i>	<i>1.03</i>	<i>1.02</i>	<i>1.02</i>	<b>1.02</b>	<i>1.03</i>	<i>1.03</i>
Malaysia .....	<b>0.71</b>	<b>0.70</b>	<b>0.70</b>	<b>0.67</b>	<b>0.68</b>	<b>0.67</b>	<b>0.67</b>	<i>0.70</i>	<i>0.69</i>	<i>0.67</i>	<i>0.66</i>	<i>0.64</i>	<b>0.69</b>	<i>0.68</i>	<i>0.67</i>
Vietnam .....	<b>0.32</b>	<b>0.34</b>	<b>0.35</b>	<b>0.34</b>	<b>0.35</b>	<b>0.36</b>	<b>0.36</b>	<i>0.48</i>	<i>0.53</i>	<i>0.53</i>	<i>0.53</i>	<i>0.55</i>	<b>0.34</b>	<i>0.39</i>	<i>0.54</i>
<b>Africa</b> .....	<b>2.61</b>	<b>2.61</b>	<b>2.60</b>	<b>2.60</b>	<b>2.61</b>	<b>2.60</b>	<b>2.57</b>	<i>2.57</i>	<i>2.59</i>	<i>2.62</i>	<i>2.57</i>	<i>2.56</i>	<b>2.61</b>	<i>2.59</i>	<i>2.58</i>
Egypt .....	<b>0.69</b>	<b>0.69</b>	<b>0.68</b>	<b>0.67</b>	<b>0.66</b>	<b>0.66</b>	<b>0.66</b>	<i>0.66</i>	<i>0.66</i>	<i>0.67</i>	<i>0.66</i>	<i>0.67</i>	<b>0.68</b>	<i>0.66</i>	<i>0.67</i>
Equatorial Guinea .....	<b>0.35</b>	<b>0.35</b>	<b>0.34</b>	<b>0.34</b>	<b>0.33</b>	<b>0.33</b>	<b>0.32</b>	<i>0.32</i>	<i>0.31</i>	<i>0.31</i>	<i>0.30</i>	<i>0.29</i>	<b>0.35</b>	<i>0.33</i>	<i>0.30</i>
Gabon .....	<b>0.25</b>	<b>0.24</b>	<b>0.24</b>	<b>0.24</b>	<b>0.23</b>	<b>0.23</b>	<b>0.23</b>	<i>0.22</i>	<i>0.22</i>	<i>0.22</i>	<i>0.21</i>	<i>0.21</i>	<b>0.24</b>	<i>0.23</i>	<i>0.21</i>
Sudan .....	<b>0.46</b>	<b>0.48</b>	<b>0.50</b>	<b>0.50</b>	<b>0.51</b>	<b>0.51</b>	<b>0.51</b>	<i>0.51</i>	<i>0.49</i>	<i>0.49</i>	<i>0.48</i>	<i>0.48</i>	<b>0.49</b>	<i>0.51</i>	<i>0.49</i>
<b>Total non-OPEC liquids</b> .....	<b>50.17</b>	<b>50.07</b>	<b>50.48</b>	<b>51.10</b>	<b>51.37</b>	<b>51.49</b>	<b>51.47</b>	<i>51.74</i>	<i>51.79</i>	<i>51.65</i>	<i>50.64</i>	<i>50.89</i>	<b>50.46</b>	<i>51.52</i>	<i>51.24</i>
<b>OPEC non-crude liquids</b> .....	<b>4.49</b>	<b>4.74</b>	<b>4.92</b>	<b>4.96</b>	<b>5.11</b>	<b>5.32</b>	<b>5.58</b>	<i>5.79</i>	<i>5.96</i>	<i>6.14</i>	<i>6.17</i>	<i>6.21</i>	<b>4.78</b>	<i>5.45</i>	<i>6.12</i>
<b>Non-OPEC + OPEC non-crude</b> .....	<b>54.65</b>	<b>54.81</b>	<b>55.40</b>	<b>56.06</b>	<b>56.48</b>	<b>56.81</b>	<b>57.04</b>	<i>57.52</i>	<i>57.75</i>	<i>57.80</i>	<i>56.81</i>	<i>57.10</i>	<b>55.23</b>	<i>56.97</i>	<i>57.36</i>

- = no data available

FSU = Former Soviet Union

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

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

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

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

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

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

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

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

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

	2009				2010				2011				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2009	2010	2011
<b>Crude Oil</b>															
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	1.79	-	-	-	-	-	1.82	-	-
Ecuador .....	0.50	0.49	0.48	0.47	0.47	0.48	0.48	-	-	-	-	-	0.49	-	-
Iran .....	3.77	3.80	3.80	3.80	3.80	3.80	3.77	-	-	-	-	-	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	2.08	-	-	-	-	-	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	8.50	-	-	-	-	-	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	29.38	29.49	29.28	29.44	29.67	30.17	29.87	29.10	29.39	29.79
<b>Other Liquids .....</b>	<b>4.49</b>	<b>4.74</b>	<b>4.92</b>	<b>4.96</b>	<b>5.11</b>	<b>5.32</b>	<b>5.58</b>	<b>5.79</b>	<b>5.96</b>	<b>6.14</b>	<b>6.17</b>	<b>6.21</b>	<b>4.78</b>	<b>5.45</b>	<b>6.12</b>
<b>Total OPEC Supply .....</b>	<b>33.36</b>	<b>33.59</b>	<b>34.24</b>	<b>34.28</b>	<b>34.51</b>	<b>34.69</b>	<b>35.06</b>	<b>35.07</b>	<b>35.41</b>	<b>35.82</b>	<b>36.34</b>	<b>36.08</b>	<b>33.87</b>	<b>34.84</b>	<b>35.91</b>
<b>Crude Oil Production Capacity</b>															
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	1.97	1.94	1.79	-	-	-	-	-	1.99	-	-
Ecuador .....	0.50	0.49	0.48	0.47	0.47	0.48	0.48	-	-	-	-	-	0.49	-	-
Iran .....	3.90	3.90	3.90	3.90	3.80	3.80	3.77	-	-	-	-	-	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	2.08	-	-	-	-	-	1.80	-	-
Qatar .....	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-	-	-	-	-	1.00	-	-
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 .....	32.66	32.80	33.75	34.22	34.10	34.21	34.05	34.10	34.41	34.57	34.70	34.63	33.36	34.12	34.58
<b>Surplus Crude Oil Production Capacity</b>															
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	0.00	0.00	0.00	-	-	-	-	-	0.18	-	-
Ecuador .....	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	0.00	0.00	0.00	-	-	-	-	-	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 .....	0.18	0.18	0.16	0.15	0.16	0.15	0.15	-	-	-	-	-	0.17	-	-
Saudi Arabia .....	2.53	2.67	3.23	3.73	3.80	3.95	3.75	-	-	-	-	-	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 .....	3.78	3.94	4.43	4.90	4.71	4.84	4.57	4.82	4.97	4.90	4.53	4.76	4.27	4.73	4.79

- = 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 - December 2010

	2009				2010				2011				2009	2010	2011
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4			
<b>North America</b> .....	<b>23.13</b>	<b>22.67</b>	<b>23.00</b>	<b>23.26</b>	<b>23.17</b>	<b>23.43</b>	<b>23.71</b>	<i>23.44</i>	<i>23.68</i>	<i>23.57</i>	<i>23.75</i>	<i>23.67</i>	<b>23.02</b>	<i>23.44</i>	<i>23.67</i>
Canada .....	<b>2.20</b>	<b>2.08</b>	<b>2.16</b>	<b>2.17</b>	<b>2.19</b>	<b>2.24</b>	<b>2.25</b>	<i>2.26</i>	<i>2.27</i>	<i>2.19</i>	<i>2.30</i>	<i>2.29</i>	<b>2.15</b>	<i>2.23</i>	<i>2.26</i>
Mexico .....	<b>2.06</b>	<b>2.02</b>	<b>2.11</b>	<b>2.15</b>	<b>2.14</b>	<b>2.17</b>	<b>2.11</b>	<i>2.13</i>	<i>2.16</i>	<i>2.20</i>	<i>2.14</i>	<i>2.15</i>	<b>2.08</b>	<i>2.14</i>	<i>2.16</i>
United States .....	<b>18.86</b>	<b>18.57</b>	<b>18.72</b>	<b>18.93</b>	<b>18.82</b>	<b>19.01</b>	<b>19.33</b>	<i>19.05</i>	<i>19.24</i>	<i>19.18</i>	<i>19.31</i>	<i>19.22</i>	<b>18.77</b>	<i>19.05</i>	<i>19.24</i>
<b>Central and South America</b> .....	<b>5.96</b>	<b>6.28</b>	<b>6.16</b>	<b>6.25</b>	<b>6.15</b>	<b>6.40</b>	<b>6.39</b>	<i>6.38</i>	<i>6.30</i>	<i>6.56</i>	<i>6.54</i>	<i>6.53</i>	<b>6.17</b>	<i>6.33</i>	<i>6.49</i>
Brazil .....	<b>2.38</b>	<b>2.50</b>	<b>2.56</b>	<b>2.53</b>	<b>2.51</b>	<b>2.62</b>	<b>2.67</b>	<i>2.65</i>	<i>2.64</i>	<i>2.75</i>	<i>2.81</i>	<i>2.78</i>	<b>2.49</b>	<i>2.61</i>	<i>2.74</i>
<b>Europe</b> .....	<b>15.67</b>	<b>15.03</b>	<b>15.28</b>	<b>15.17</b>	<b>14.96</b>	<b>14.90</b>	<b>15.41</b>	<i>15.37</i>	<i>15.00</i>	<i>14.64</i>	<i>15.14</i>	<i>15.26</i>	<b>15.29</b>	<i>15.16</i>	<i>15.01</i>
<b>FSU and Eastern Europe</b> .....	<b>4.09</b>	<b>4.19</b>	<b>4.23</b>	<b>4.32</b>	<b>4.31</b>	<b>4.33</b>	<b>4.48</b>	<i>4.44</i>	<i>4.42</i>	<i>4.47</i>	<i>4.62</i>	<i>4.58</i>	<b>4.21</b>	<i>4.39</i>	<i>4.52</i>
Russia .....	<b>2.73</b>	<b>2.81</b>	<b>2.80</b>	<b>2.90</b>	<b>2.92</b>	<b>2.94</b>	<b>3.04</b>	<i>3.00</i>	<i>2.96</i>	<i>3.02</i>	<i>3.11</i>	<i>3.07</i>	<b>2.81</b>	<i>2.98</i>	<i>3.04</i>
<b>Middle East</b> .....	<b>6.24</b>	<b>7.08</b>	<b>7.76</b>	<b>6.79</b>	<b>6.67</b>	<b>7.43</b>	<b>8.01</b>	<i>7.17</i>	<i>7.22</i>	<i>7.70</i>	<i>8.19</i>	<i>7.48</i>	<b>6.97</b>	<i>7.32</i>	<i>7.65</i>
<b>Asia and Oceania</b> .....	<b>25.28</b>	<b>25.48</b>	<b>24.98</b>	<b>26.03</b>	<b>26.85</b>	<b>26.51</b>	<b>25.58</b>	<i>26.65</i>	<i>27.78</i>	<i>26.99</i>	<i>26.39</i>	<i>27.14</i>	<b>25.44</b>	<i>26.40</i>	<i>27.07</i>
China .....	<b>7.72</b>	<b>8.55</b>	<b>8.43</b>	<b>8.59</b>	<b>8.88</b>	<b>9.31</b>	<b>8.89</b>	<i>9.10</i>	<i>9.48</i>	<i>9.73</i>	<i>9.60</i>	<i>9.50</i>	<b>8.32</b>	<i>9.05</i>	<i>9.58</i>
Japan .....	<b>4.73</b>	<b>4.04</b>	<b>4.11</b>	<b>4.60</b>	<b>4.79</b>	<b>4.03</b>	<b>4.05</b>	<i>4.45</i>	<i>4.64</i>	<i>3.85</i>	<i>3.88</i>	<i>4.24</i>	<b>4.37</b>	<i>4.33</i>	<i>4.15</i>
India .....	<b>3.18</b>	<b>3.19</b>	<b>2.98</b>	<b>3.11</b>	<b>3.32</b>	<b>3.29</b>	<b>3.02</b>	<i>3.26</i>	<i>3.51</i>	<i>3.38</i>	<i>3.11</i>	<i>3.35</i>	<b>3.11</b>	<i>3.22</i>	<i>3.33</i>
<b>Africa</b> .....	<b>3.28</b>	<b>3.25</b>	<b>3.15</b>	<b>3.28</b>	<b>3.37</b>	<b>3.34</b>	<b>3.25</b>	<i>3.34</i>	<i>3.42</i>	<i>3.36</i>	<i>3.32</i>	<i>3.39</i>	<b>3.24</b>	<i>3.32</i>	<i>3.37</i>
<b>Total OECD Liquid Fuels Consumption</b> .....	<b>46.40</b>	<b>44.47</b>	<b>44.97</b>	<b>45.86</b>	<b>45.78</b>	<b>45.11</b>	<b>45.80</b>	<i>46.12</i>	<i>46.34</i>	<i>44.82</i>	<i>45.44</i>	<i>46.10</i>	<b>45.42</b>	<i>45.70</i>	<i>45.67</i>
<b>Total non-OECD Liquid Fuels Consumption</b> .....	<b>37.25</b>	<b>39.52</b>	<b>39.59</b>	<b>39.25</b>	<b>39.69</b>	<b>41.22</b>	<b>41.02</b>	<i>40.66</i>	<i>41.48</i>	<i>42.47</i>	<i>42.52</i>	<i>41.95</i>	<b>38.91</b>	<i>40.65</i>	<i>42.11</i>
<b>Total World Liquid Fuels Consumption</b> .....	<b>83.64</b>	<b>83.99</b>	<b>84.56</b>	<b>85.11</b>	<b>85.47</b>	<b>86.34</b>	<b>86.82</b>	<i>86.77</i>	<i>87.81</i>	<i>87.29</i>	<i>87.96</i>	<i>88.05</i>	<b>84.33</b>	<i>86.35</i>	<i>87.78</i>
<b>World Real Gross Domestic Product (a)</b> .....															
Index, 2007 Q1 = 100 .....	<b>100.82</b>	<b>101.33</b>	<b>102.22</b>	<b>103.45</b>	<b>104.79</b>	<b>105.73</b>	<b>106.41</b>	<i>107.17</i>	<i>108.07</i>	<i>108.95</i>	<i>109.86</i>	<i>110.92</i>	<b>101.96</b>	<i>106.03</i>	<i>109.46</i>
Percent change from prior year .....	<b>-2.9</b>	<b>-2.8</b>	<b>-1.6</b>	<b>1.2</b>	<b>3.9</b>	<b>4.3</b>	<b>4.1</b>	<i>3.6</i>	<i>3.1</i>	<i>3.0</i>	<i>3.2</i>	<i>3.5</i>	<b>-1.5</b>	<i>4.0</i>	<i>3.2</i>
<b>Real U.S. Dollar Exchange Rate (a)</b> .....															
Index, January 2007 = 100 .....	<b>104.11</b>	<b>100.90</b>	<b>97.91</b>	<b>95.55</b>	<b>95.71</b>	<b>96.38</b>	<b>96.64</b>	<i>96.82</i>	<i>96.57</i>	<i>96.37</i>	<i>95.87</i>	<i>95.94</i>	<b>99.59</b>	<i>96.39</i>	<i>96.18</i>
Percent change from prior year .....	<b>13.9</b>	<b>12.1</b>	<b>6.5</b>	<b>-5.6</b>	<b>-8.1</b>	<b>-4.5</b>	<b>-1.3</b>	<i>1.3</i>	<i>0.9</i>	<i>0.0</i>	<i>-0.8</i>	<i>-0.9</i>	<b>6.3</b>	<i>-3.2</i>	<i>-0.2</i>

- = no data available

FSU = Former Soviet Union

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

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

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

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

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

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

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

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

**Table 4a. U.S. Crude Oil and Liquid Fuels Supply, Consumption, and Inventories**  
Energy Information Administration/Short-Term Energy Outlook - December 2010

	2009				2010				2011				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2009	2010	2011
<b>Supply (million barrels per day)</b>															
Crude Oil Supply															
Domestic Production (a) .....	5.21	5.31	5.46	5.46	5.47	5.48	5.49	5.58	5.60	5.52	5.35	5.42	5.36	5.50	5.47
Alaska .....	0.70	0.63	0.59	0.66	0.64	0.58	0.57	0.62	0.62	0.56	0.48	0.56	0.65	0.60	0.56
Federal Gulf of Mexico (b) .....	1.31	1.52	1.73	1.67	1.70	1.68	1.59	1.63	1.56	1.46	1.42	1.46	1.56	1.65	1.47
Lower 48 States (excl GOM) .....	3.20	3.16	3.13	3.13	3.12	3.22	3.34	3.33	3.43	3.50	3.45	3.41	3.16	3.25	3.45
Crude Oil Net Imports (c) .....	9.39	9.05	9.02	8.43	8.77	9.71	9.46	8.50	8.58	9.50	9.53	8.95	8.97	9.11	9.14
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	0.03	0.11	-0.14	0.08	0.19	0.07	0.00	-0.07	0.05
Crude Oil Adjustment (d) .....	0.11	0.11	0.06	0.02	0.08	0.14	0.14	-0.01	0.05	0.09	0.03	-0.02	0.07	0.09	0.04
Total Crude Oil Input to Refineries .....	14.13	14.57	14.65	13.99	13.98	15.24	15.13	14.17	14.09	15.20	15.10	14.42	14.34	14.63	14.71
Other Supply															
Refinery Processing Gain .....	0.93	1.00	1.01	0.98	1.02	1.06	1.09	1.03	0.98	1.03	1.04	1.03	0.98	1.05	1.02
Natural Gas Liquids Production .....	1.81	1.92	1.93	1.98	1.96	1.99	1.99	2.04	2.04	2.04	2.01	1.96	1.91	2.00	2.01
Renewables and Oxygenate Production (e) .....	0.68	0.71	0.78	0.82	0.86	0.89	0.91	0.91	0.92	0.92	0.92	0.92	0.75	0.89	0.92
Fuel Ethanol Production .....	0.64	0.68	0.74	0.79	0.83	0.84	0.87	0.88	0.88	0.89	0.89	0.88	0.71	0.86	0.89
Petroleum Products Adjustment (f) .....	0.14	0.14	0.15	0.15	0.14	0.15	0.19	0.15	0.14	0.14	0.13	0.13	0.14	0.16	0.14
Product Net Imports (c) .....	1.33	0.77	0.38	0.32	0.56	0.26	0.41	0.24	0.73	0.33	0.41	0.44	0.70	0.37	0.48
Pentanes Plus .....	-0.03	-0.03	-0.03	-0.03	-0.03	0.00	0.00	0.01	0.00	-0.01	-0.01	0.00	-0.03	-0.01	0.00
Liquefied Petroleum Gas .....	0.15	0.07	0.02	0.09	0.07	-0.01	-0.02	0.00	-0.04	-0.02	0.04	0.03	0.08	0.01	0.00
Unfinished Oils .....	0.69	0.73	0.71	0.57	0.53	0.58	0.66	0.68	0.57	0.57	0.68	0.61	0.68	0.61	0.61
Other HC/Oxygenates .....	-0.04	-0.04	-0.03	-0.03	-0.03	-0.05	-0.07	-0.05	-0.05	-0.05	-0.05	-0.05	-0.03	-0.05	-0.05
Motor Gasoline Blend Comp. ....	0.84	0.71	0.66	0.61	0.60	0.75	0.88	0.72	0.68	0.70	0.67	0.66	0.70	0.74	0.68
Finished Motor Gasoline .....	0.10	0.05	0.03	-0.06	-0.12	-0.11	-0.12	-0.22	0.02	0.03	0.01	-0.12	0.03	-0.14	-0.01
Jet Fuel .....	0.02	0.01	0.04	-0.03	0.02	0.00	0.02	-0.01	-0.02	-0.01	0.01	0.00	0.01	0.01	0.00
Distillate Fuel Oil .....	-0.26	-0.43	-0.43	-0.33	-0.11	-0.48	-0.55	-0.52	-0.25	-0.43	-0.45	-0.35	-0.36	-0.42	-0.37
Residual Fuel Oil .....	0.05	-0.02	-0.25	-0.11	-0.02	-0.04	-0.06	-0.03	0.03	-0.08	-0.11	-0.03	-0.08	-0.03	-0.05
Other Oils (g) .....	-0.20	-0.28	-0.34	-0.37	-0.35	-0.38	-0.34	-0.33	-0.21	-0.36	-0.39	-0.31	-0.30	-0.35	-0.32
Product Inventory Net Withdrawals .....	-0.15	-0.55	-0.16	0.69	0.30	-0.57	-0.22	0.50	0.34	-0.48	-0.26	0.35	-0.04	0.00	-0.01
Total Supply .....	18.86	18.57	18.72	18.93	18.83	19.01	19.49	19.04	19.24	19.17	19.35	19.26	18.77	19.10	19.26
<b>Consumption (million barrels per day)</b>															
Natural Gas Liquids and Other Liquids															
Pentanes Plus .....	0.04	0.06	0.09	0.10	0.08	0.07	0.10	0.09	0.08	0.08	0.09	0.09	0.08	0.09	0.09
Liquefied Petroleum Gas .....	2.09	1.80	1.90	2.41	2.38	1.80	1.99	2.13	2.31	1.86	1.94	2.14	2.05	2.07	2.06
Unfinished Oils .....	0.04	-0.11	-0.02	-0.05	0.05	0.03	0.01	0.00	0.01	0.00	-0.02	0.00	-0.04	0.02	0.00
Finished Liquid Fuels															
Motor Gasoline .....	8.79	9.10	9.16	8.94	8.65	9.20	9.29	9.00	8.85	9.23	9.29	9.05	9.00	9.04	9.11
Jet Fuel .....	1.36	1.39	1.46	1.36	1.39	1.44	1.47	1.38	1.38	1.45	1.49	1.39	1.39	1.42	1.43
Distillate Fuel Oil .....	3.90	3.47	3.46	3.70	3.79	3.70	3.75	3.87	3.95	3.78	3.73	3.91	3.63	3.78	3.84
Residual Fuel Oil .....	0.60	0.56	0.38	0.51	0.56	0.53	0.54	0.48	0.61	0.51	0.46	0.54	0.51	0.53	0.53
Other Oils (f) .....	2.05	2.30	2.30	1.95	1.92	2.24	2.34	2.09	2.04	2.27	2.38	2.13	2.15	2.15	2.20
Total Consumption .....	18.86	18.57	18.72	18.93	18.82	19.01	19.49	19.04	19.24	19.17	19.35	19.26	18.77	19.09	19.26
<b>Total Liquid Fuels Net Imports</b> .....	<b>10.71</b>	<b>9.83</b>	<b>9.40</b>	<b>8.75</b>	<b>9.33</b>	<b>9.97</b>	<b>9.88</b>	<b>8.74</b>	<b>9.31</b>	<b>9.83</b>	<b>9.93</b>	<b>9.39</b>	<b>9.67</b>	<b>9.48</b>	<b>9.62</b>
<b>End-of-period Inventories (million barrels)</b>															
Commercial Inventory															
Crude Oil (excluding SPR) .....	366.9	347.1	335.0	325.2	355.4	362.7	360.1	349.7	362.0	354.3	336.9	330.1	325.2	349.7	330.1
Pentanes Plus .....	15.5	17.2	15.0	10.5	9.4	11.5	11.9	10.3	10.9	12.9	13.7	11.4	10.5	10.3	11.4
Liquefied Petroleum Gas .....	91.2	132.6	156.3	102.1	73.2	121.8	141.2	111.6	77.8	118.0	146.6	111.2	102.1	111.6	111.2
Unfinished Oils .....	94.0	92.0	85.0	79.9	86.3	83.4	82.3	78.0	90.1	86.8	87.5	81.3	79.9	78.0	81.3
Other HC/Oxygenates .....	18.2	15.4	16.4	18.8	22.0	20.6	18.9	19.1	20.7	20.4	20.5	20.6	18.8	19.1	20.6
Total Motor Gasoline .....	217.1	213.9	214.1	223.3	224.0	214.8	219.3	216.0	216.4	214.1	207.7	216.7	223.3	216.0	216.7
Finished Motor Gasoline .....	85.9	88.6	84.7	84.9	81.9	71.8	70.2	72.0	69.5	73.8	70.5	73.3	84.9	72.0	73.3
Motor Gasoline Blend Comp. ....	131.2	125.2	129.4	138.4	142.1	143.0	149.1	144.0	146.9	140.3	137.1	143.4	138.4	144.0	143.4
Jet Fuel .....	43.1	44.8	46.3	43.4	41.9	44.9	46.8	44.0	42.8	43.5	43.9	42.6	43.4	44.0	42.6
Distillate Fuel Oil .....	145.3	162.7	172.7	166.0	146.0	157.9	166.7	157.4	138.3	148.0	157.5	158.0	166.0	157.4	158.0
Residual Fuel Oil .....	38.4	36.9	35.2	37.2	40.6	42.3	39.8	40.2	39.7	39.4	38.1	39.2	37.2	40.2	39.2
Other Oils (f) .....	60.3	57.9	47.3	43.5	54.0	52.2	43.2	47.9	57.5	54.8	46.5	48.5	43.5	47.9	48.5
Total Commercial Inventory .....	1,090	1,120	1,123	1,050	1,053	1,112	1,130	1,074	1,056	1,092	1,099	1,060	1,050	1,074	1,060
Crude Oil in SPR .....	713	724	725	727	727	727	727	727	727	727	727	727	727	727	727
Heating Oil Reserve .....	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0

- = no data available

(a) Includes lease condensate.

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

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

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

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

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

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

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

SPR: Strategic Petroleum Reserve

HC: Hydrocarbons

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

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

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

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

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

	2009				2010				2011				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2009	2010	2011
<b>Refinery and Blender Net Inputs</b>															
Crude Oil .....	<b>14.13</b>	<b>14.57</b>	<b>14.65</b>	<b>13.99</b>	<b>13.98</b>	<b>15.24</b>	<b>15.13</b>	<i>14.17</i>	<i>14.09</i>	<i>15.20</i>	<i>15.10</i>	<i>14.42</i>	<b>14.34</b>	<i>14.63</i>	<i>14.71</i>
Pentanes Plus .....	<b>0.15</b>	<b>0.15</b>	<b>0.17</b>	<b>0.17</b>	<b>0.14</b>	<b>0.15</b>	<b>0.16</b>	<i>0.18</i>	<i>0.16</i>	<i>0.16</i>	<i>0.16</i>	<i>0.18</i>	<b>0.16</b>	<i>0.16</i>	<i>0.16</i>
Liquefied Petroleum Gas .....	<b>0.34</b>	<b>0.27</b>	<b>0.27</b>	<b>0.40</b>	<b>0.30</b>	<b>0.22</b>	<b>0.23</b>	<i>0.37</i>	<i>0.32</i>	<i>0.25</i>	<i>0.27</i>	<i>0.38</i>	<b>0.32</b>	<i>0.28</i>	<i>0.31</i>
Other Hydrocarbons/Oxygenates .....	<b>0.74</b>	<b>0.80</b>	<b>0.82</b>	<b>0.86</b>	<b>0.87</b>	<b>0.95</b>	<b>0.99</b>	<i>0.95</i>	<i>0.95</i>	<i>0.97</i>	<i>0.96</i>	<i>0.95</i>	<b>0.81</b>	<i>0.94</i>	<i>0.96</i>
Unfinished Oils .....	<b>0.53</b>	<b>0.87</b>	<b>0.81</b>	<b>0.68</b>	<b>0.42</b>	<b>0.58</b>	<b>0.66</b>	<i>0.72</i>	<i>0.42</i>	<i>0.60</i>	<i>0.70</i>	<i>0.67</i>	<b>0.72</b>	<i>0.60</i>	<i>0.60</i>
Motor Gasoline Blend Components .....	<b>0.64</b>	<b>0.62</b>	<b>0.48</b>	<b>0.48</b>	<b>0.47</b>	<b>0.70</b>	<b>0.85</b>	<i>0.71</i>	<i>0.61</i>	<i>0.68</i>	<i>0.64</i>	<i>0.58</i>	<b>0.55</b>	<i>0.68</i>	<i>0.62</i>
Aviation Gasoline Blend Components .....	<b>0.00</b>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<b>0.00</b>	<i>0.00</i>	<i>0.00</i>						
Total Refinery and Blender Net Inputs .....	<b>16.55</b>	<b>17.28</b>	<b>17.20</b>	<b>16.59</b>	<b>16.17</b>	<b>17.86</b>	<b>18.02</b>	<i>17.10</i>	<i>16.55</i>	<i>17.87</i>	<i>17.83</i>	<i>17.19</i>	<b>16.90</b>	<i>17.29</i>	<i>17.36</i>
<b>Refinery Processing Gain</b> .....	<b>0.93</b>	<b>1.00</b>	<b>1.01</b>	<b>0.98</b>	<b>1.02</b>	<b>1.06</b>	<b>1.09</b>	<i>1.03</i>	<i>0.98</i>	<i>1.03</i>	<i>1.04</i>	<i>1.03</i>	<b>0.98</b>	<i>1.05</i>	<i>1.02</i>
<b>Refinery and Blender Net Production</b>															
Liquefied Petroleum Gas .....	<b>0.49</b>	<b>0.81</b>	<b>0.76</b>	<b>0.43</b>	<b>0.57</b>	<b>0.85</b>	<b>0.75</b>	<i>0.41</i>	<i>0.52</i>	<i>0.82</i>	<i>0.75</i>	<i>0.42</i>	<b>0.62</b>	<i>0.64</i>	<i>0.63</i>
Finished Motor Gasoline .....	<b>8.50</b>	<b>8.86</b>	<b>8.88</b>	<b>8.89</b>	<b>8.58</b>	<b>9.09</b>	<b>9.35</b>	<i>9.10</i>	<i>8.71</i>	<i>9.10</i>	<i>9.12</i>	<i>9.12</i>	<b>8.79</b>	<i>9.03</i>	<i>9.01</i>
Jet Fuel .....	<b>1.39</b>	<b>1.40</b>	<b>1.43</b>	<b>1.36</b>	<b>1.35</b>	<b>1.47</b>	<b>1.47</b>	<i>1.36</i>	<i>1.39</i>	<i>1.47</i>	<i>1.48</i>	<i>1.37</i>	<b>1.40</b>	<i>1.41</i>	<i>1.43</i>
Distillate Fuel .....	<b>4.15</b>	<b>4.09</b>	<b>4.00</b>	<b>3.96</b>	<b>3.69</b>	<b>4.31</b>	<b>4.39</b>	<i>4.28</i>	<i>3.99</i>	<i>4.32</i>	<i>4.28</i>	<i>4.27</i>	<b>4.05</b>	<i>4.17</i>	<i>4.21</i>
Residual Fuel .....	<b>0.58</b>	<b>0.56</b>	<b>0.61</b>	<b>0.64</b>	<b>0.61</b>	<b>0.59</b>	<b>0.57</b>	<i>0.51</i>	<i>0.58</i>	<i>0.59</i>	<i>0.56</i>	<i>0.58</i>	<b>0.60</b>	<i>0.57</i>	<i>0.58</i>
Other Oils (a) .....	<b>2.37</b>	<b>2.55</b>	<b>2.53</b>	<b>2.28</b>	<b>2.39</b>	<b>2.60</b>	<b>2.58</b>	<i>2.47</i>	<i>2.36</i>	<i>2.61</i>	<i>2.68</i>	<i>2.46</i>	<b>2.43</b>	<i>2.51</i>	<i>2.53</i>
Total Refinery and Blender Net Production .....	<b>17.48</b>	<b>18.28</b>	<b>18.20</b>	<b>17.57</b>	<b>17.19</b>	<b>18.91</b>	<b>19.11</b>	<i>18.13</i>	<i>17.53</i>	<i>18.90</i>	<i>18.87</i>	<i>18.22</i>	<b>17.88</b>	<i>18.34</i>	<i>18.38</i>
<b>Refinery Distillation Inputs</b> .....	<b>14.45</b>	<b>14.88</b>	<b>14.92</b>	<b>14.38</b>	<b>14.32</b>	<b>15.65</b>	<b>15.62</b>	<i>14.66</i>	<i>14.45</i>	<i>15.53</i>	<i>15.43</i>	<i>14.77</i>	<b>14.66</b>	<i>15.06</i>	<i>15.05</i>
<b>Refinery Operable Distillation Capacity</b> .....	<b>17.67</b>	<b>17.67</b>	<b>17.68</b>	<b>17.69</b>	<b>17.58</b>	<b>17.59</b>	<b>17.59</b>	<i>17.59</i>	<i>17.59</i>	<i>17.59</i>	<i>17.59</i>	<i>17.59</i>	<b>17.68</b>	<i>17.59</i>	<i>17.59</i>
<b>Refinery Distillation Utilization Factor</b> .....	<b>0.82</b>	<b>0.84</b>	<b>0.84</b>	<b>0.81</b>	<b>0.81</b>	<b>0.89</b>	<b>0.89</b>	<i>0.83</i>	<i>0.82</i>	<i>0.88</i>	<i>0.88</i>	<i>0.84</i>	<b>0.83</b>	<i>0.86</i>	<i>0.86</i>

- = no data available

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

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

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

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

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

**Table 4c. U.S. Regional Motor Gasoline Prices and Inventories**  
 Energy Information Administration/Short-Term Energy Outlook - December 2010

	2009				2010				2011				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2009	2010	2011
<b>Prices (cents per gallon)</b>															
<b>Refiner Wholesale Price</b> .....	133	176	194	200	211	218	210	226	230	239	241	235	176	216	236
<b>Gasoline Regular Grade Retail Prices Excluding Taxes</b>															
PADD 1 (East Coast) .....	140	183	204	211	223	229	217	235	242	250	254	248	185	226	248
PADD 2 (Midwest) .....	142	186	201	208	218	228	221	232	239	249	253	245	185	225	247
PADD 3 (Gulf Coast) .....	136	180	200	205	216	227	215	226	237	248	251	244	181	221	245
PADD 4 (Rocky Mountain) .....	128	182	210	207	218	236	231	231	235	252	261	249	183	229	250
PADD 5 (West Coast) .....	157	197	233	231	239	247	246	249	256	269	271	262	205	245	265
U.S. Average .....	142	185	206	211	223	231	223	235	243	253	256	249	187	228	250
<b>Gasoline Regular Grade Retail Prices Including Taxes</b>															
PADD 1 .....	187	229	254	259	271	278	265	284	290	299	304	297	233	274	298
PADD 2 .....	187	230	248	254	265	276	270	281	285	297	302	293	230	273	294
PADD 3 .....	178	220	241	246	259	269	257	268	279	290	294	287	222	263	288
PADD 4 .....	173	226	257	254	264	284	279	279	282	298	309	297	228	277	297
PADD 5 .....	210	251	292	288	294	304	304	307	314	327	331	321	261	303	323
U.S. Average .....	189	232	257	260	271	281	272	284	291	302	307	299	235	277	300
<b>Gasoline All Grades Including Taxes</b>	194	237	262	266	277	286	277	290	296	307	312	304	240	282	305
<b>End-of-period Inventories (million barrels)</b>															
<b>Total Gasoline Inventories</b>															
PADD 1 .....	58.1	57.2	59.5	61.7	56.6	59.9	55.3	54.3	54.8	56.6	53.6	55.8	61.7	54.3	55.8
PADD 2 .....	51.1	51.0	51.5	52.5	55.2	48.9	52.5	50.1	52.0	51.6	51.3	52.0	52.5	50.1	52.0
PADD 3 .....	72.6	70.4	68.7	71.7	74.2	72.5	73.9	73.5	71.8	69.1	67.2	71.2	71.7	73.5	71.2
PADD 4 .....	6.2	5.9	6.1	5.8	5.9	6.4	6.5	7.0	6.7	6.5	6.4	6.9	5.8	7.0	6.9
PADD 5 .....	29.1	29.3	28.3	31.6	32.1	27.2	31.1	31.1	31.1	30.4	29.2	30.9	31.6	31.1	30.9
U.S. Total .....	217.1	213.9	214.1	223.3	224.0	214.8	219.3	216.0	216.4	214.1	207.7	216.7	223.3	216.0	216.7
<b>Finished Gasoline Inventories</b>															
PADD 1 .....	17.4	18.6	19.0	18.3	15.4	13.3	10.1	12.5	11.7	14.9	13.4	14.4	18.3	12.5	14.4
PADD 2 .....	28.5	28.1	26.5	27.5	27.9	24.3	24.8	25.3	25.8	26.0	25.8	26.3	27.5	25.3	26.3
PADD 3 .....	31.0	32.0	30.0	31.1	29.4	25.2	25.9	24.7	21.7	22.8	21.9	24.2	31.1	24.7	24.2
PADD 4 .....	3.9	4.1	4.1	4.0	4.1	4.1	4.2	4.7	4.6	4.5	4.2	4.5	4.0	4.7	4.5
PADD 5 .....	5.1	5.8	5.1	4.1	5.1	4.9	5.3	4.7	5.6	5.6	5.1	4.0	4.1	4.7	4.0
U.S. Total .....	85.9	88.6	84.7	84.9	81.9	71.8	70.2	72.0	69.5	73.8	70.5	73.3	84.9	72.0	73.3
<b>Gasoline Blending Components Inventories</b>															
PADD 1 .....	40.6	38.5	40.6	43.4	41.3	46.6	45.3	41.9	43.1	41.7	40.2	41.3	43.4	41.9	41.3
PADD 2 .....	22.6	22.9	24.9	25.0	27.3	24.6	27.8	24.8	26.2	25.6	25.6	25.7	25.0	24.8	25.7
PADD 3 .....	41.6	38.4	38.7	40.6	44.8	47.3	48.0	48.8	50.1	46.3	45.2	47.0	40.6	48.8	47.0
PADD 4 .....	2.4	1.9	2.1	1.8	1.8	2.2	2.3	2.3	2.1	2.0	2.1	2.5	1.8	2.3	2.5
PADD 5 .....	24.0	23.5	23.2	27.6	27.0	22.2	25.8	26.3	25.5	24.8	24.1	26.9	27.6	26.3	26.9
U.S. Total .....	131.2	125.2	129.4	138.4	142.1	143.0	149.1	144.0	146.9	140.3	137.1	143.4	138.4	144.0	143.4

- = 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).

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 - December 2010

	2009				2010				2011				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2009	2010	2011
<b>Prices (cents per gallon)</b>															
<b>Refiner Wholesale Prices</b>															
Heating Oil .....	145	151	175	197	205	212	204	233	236	234	236	244	166	214	238
Diesel Fuel .....	141	163	186	202	211	221	215	239	241	245	247	250	173	221	246
<b>Heating Oil Residential Prices Excluding Taxes</b>															
Northeast .....	238	226	233	260	277	276	264	296	307	296	295	314	242	282	306
South .....	229	212	225	261	275	260	253	293	308	288	287	313	236	275	305
Midwest .....	190	194	220	240	250	258	253	283	286	283	288	299	210	262	290
West .....	217	234	258	277	285	300	291	312	313	314	316	328	247	297	318
U.S. Average .....	233	222	231	258	272	273	261	296	306	295	295	313	239	278	306
<b>Heating Oil Residential Prices Including State Taxes</b>															
Northeast .....	250	238	244	274	292	290	277	312	323	311	310	330	254	296	322
South .....	240	222	237	274	289	274	266	309	325	303	301	330	248	289	321
Midwest .....	201	204	232	253	264	272	267	299	302	299	304	316	222	276	306
West .....	226	244	263	284	294	312	298	320	323	326	323	336	255	306	327
U.S. Average .....	247	235	243	273	290	288	276	311	322	310	309	330	252	295	321
<b>Total Distillate End-of-period Inventories (million barrels)</b>															
PADD 1 (East Coast) .....	54.6	68.9	74.8	68.3	56.6	62.7	71.7	67.4	50.9	59.0	68.8	66.4	68.3	67.4	66.4
PADD 2 (Midwest) .....	34.1	32.9	34.0	32.3	30.1	30.6	32.0	27.7	29.2	29.3	30.3	30.8	32.3	27.7	30.8
PADD 3 (Gulf Coast) .....	40.2	44.9	48.5	48.9	45.5	48.6	47.9	45.6	43.0	44.4	43.5	44.2	48.9	45.6	44.2
PADD 4 (Rocky Mountain) ....	3.4	3.2	3.3	3.1	3.0	3.0	3.1	3.1	3.2	3.1	3.0	3.1	3.1	3.1	3.1
PADD 5 (West Coast) .....	12.9	12.8	12.1	13.4	10.8	13.0	12.0	13.6	12.2	12.2	12.0	13.4	13.4	13.6	13.4
U.S. Total .....	145.3	162.7	172.7	166.0	146.0	157.9	166.7	157.4	138.3	148.0	157.5	158.0	166.0	157.4	158.0

- = 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 - December 2010

	2009				2010				2011				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2009	2010	2011
<b>Prices (cents per gallon)</b>															
<b>Propane Wholesale Price (a) .....</b>	<b>68</b>	<b>72</b>	<b>86</b>	<b>109</b>	<b>123</b>	<b>109</b>	<b>107</b>	<b>125</b>	<i>124</i>	<i>115</i>	<i>114</i>	<i>123</i>	<b>86</b>	<i>117</i>	<i>120</i>
<b>Propane Residential Prices excluding Taxes</b>															
Northeast .....	<b>254</b>	<b>245</b>	<b>239</b>	<b>248</b>	<b>269</b>	<b>263</b>	<b>259</b>	<b>278</b>	<i>282</i>	<i>274</i>	<i>266</i>	<i>277</i>	<b>249</b>	<i>270</i>	<i>278</i>
South .....	<b>231</b>	<b>202</b>	<b>191</b>	<b>218</b>	<b>253</b>	<b>238</b>	<b>218</b>	<b>247</b>	<i>258</i>	<i>241</i>	<i>224</i>	<i>250</i>	<b>218</b>	<i>245</i>	<i>249</i>
Midwest .....	<b>200</b>	<b>161</b>	<b>142</b>	<b>161</b>	<b>184</b>	<b>176</b>	<b>167</b>	<b>192</b>	<i>203</i>	<i>192</i>	<i>172</i>	<i>193</i>	<b>174</b>	<i>184</i>	<i>194</i>
West .....	<b>216</b>	<b>185</b>	<b>169</b>	<b>212</b>	<b>246</b>	<b>225</b>	<b>199</b>	<b>239</b>	<i>258</i>	<i>238</i>	<i>214</i>	<i>245</i>	<b>203</b>	<i>233</i>	<i>244</i>
U.S. Average .....	<b>220</b>	<b>191</b>	<b>174</b>	<b>196</b>	<b>228</b>	<b>221</b>	<b>200</b>	<b>227</b>	<i>240</i>	<i>231</i>	<i>206</i>	<i>229</i>	<b>202</b>	<i>223</i>	<i>231</i>
<b>Propane Residential Prices including State Taxes</b>															
Northeast .....	<b>266</b>	<b>256</b>	<b>250</b>	<b>259</b>	<b>282</b>	<b>276</b>	<b>271</b>	<b>291</b>	<i>296</i>	<i>287</i>	<i>278</i>	<i>290</i>	<b>261</b>	<i>283</i>	<i>291</i>
South .....	<b>243</b>	<b>213</b>	<b>201</b>	<b>230</b>	<b>267</b>	<b>251</b>	<b>230</b>	<b>260</b>	<i>272</i>	<i>254</i>	<i>236</i>	<i>264</i>	<b>230</b>	<i>259</i>	<i>262</i>
Midwest .....	<b>211</b>	<b>170</b>	<b>150</b>	<b>170</b>	<b>195</b>	<b>186</b>	<b>177</b>	<b>203</b>	<i>215</i>	<i>203</i>	<i>182</i>	<i>204</i>	<b>184</b>	<i>194</i>	<i>206</i>
West .....	<b>228</b>	<b>196</b>	<b>178</b>	<b>225</b>	<b>261</b>	<b>238</b>	<b>211</b>	<b>252</b>	<i>272</i>	<i>252</i>	<i>226</i>	<i>259</i>	<b>215</b>	<i>247</i>	<i>258</i>
U.S. Average .....	<b>232</b>	<b>202</b>	<b>184</b>	<b>207</b>	<b>240</b>	<b>233</b>	<b>211</b>	<b>239</b>	<i>253</i>	<i>244</i>	<i>217</i>	<i>242</i>	<b>213</b>	<i>235</i>	<i>243</i>
<b>Propane End-of-period Inventories (million barrels)</b>															
PADD 1 (East Coast) .....	<b>3.2</b>	<b>3.6</b>	<b>4.5</b>	<b>4.7</b>	<b>2.6</b>	<b>4.0</b>	<b>4.3</b>	<b>4.4</b>	<i>2.5</i>	<i>4.0</i>	<i>4.5</i>	<i>4.3</i>	<b>4.7</b>	<i>4.4</i>	<i>4.3</i>
PADD 2 (Midwest) .....	<b>13.4</b>	<b>24.3</b>	<b>31.6</b>	<b>19.4</b>	<b>10.1</b>	<b>20.0</b>	<b>25.7</b>	<b>25.2</b>	<i>14.2</i>	<i>22.2</i>	<i>28.4</i>	<i>22.3</i>	<b>19.4</b>	<i>25.2</i>	<i>22.3</i>
PADD 3 (Gulf Coast) .....	<b>22.6</b>	<b>34.6</b>	<b>36.3</b>	<b>24.4</b>	<b>14.7</b>	<b>25.3</b>	<b>28.4</b>	<b>24.6</b>	<i>13.9</i>	<i>24.9</i>	<i>33.5</i>	<i>27.2</i>	<b>24.4</b>	<i>24.6</i>	<i>27.2</i>
PADD 4 (Rocky Mountain) .....	<b>0.4</b>	<b>0.4</b>	<b>0.4</b>	<b>0.4</b>	<b>0.3</b>	<b>0.3</b>	<b>0.3</b>	<b>0.2</b>	<i>0.3</i>	<i>0.4</i>	<i>0.4</i>	<i>0.3</i>	<b>0.4</b>	<i>0.2</i>	<i>0.3</i>
PADD 5 (West Coast) .....	<b>0.5</b>	<b>1.2</b>	<b>2.3</b>	<b>1.3</b>	<b>0.4</b>	<b>1.0</b>	<b>2.0</b>	<b>1.4</b>	<i>0.2</i>	<i>1.0</i>	<i>2.2</i>	<i>1.5</i>	<b>1.3</b>	<i>1.4</i>	<i>1.5</i>
U.S. Total .....	<b>40.0</b>	<b>64.2</b>	<b>75.1</b>	<b>50.1</b>	<b>28.1</b>	<b>50.5</b>	<b>60.7</b>	<b>55.8</b>	<i>31.0</i>	<i>52.4</i>	<i>69.0</i>	<i>55.6</i>	<b>50.1</b>	<i>55.8</i>	<i>55.6</i>

- = no data available

Prices are not adjusted for inflation.

(a) Propane price to petrochemical sector.

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

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

See "Petroleum for Administration Defense District" and "Census region" in EIA's Energy Glossary (<http://www.eia.doe.gov/glossary/index.html>) for a list of States in each region.**Historical data:** Latest data available from Energy Information Administration databases supporting the following reports: *Petroleum Marketing Monthly*, DOE/EIA-0380; *Petroleum Supply Monthly*, DOE/EIA-0109; *Petroleum Supply Annual*, DOE/EIA-0340/2; and *Weekly Petroleum Status Report*, DOE/EIA-0208.

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

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

**Table 5a. U.S. Natural Gas Supply, Consumption, and Inventories**  
 Energy Information Administration/Short-Term Energy Outlook - December 2010

	2009				2010				2011				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2009	2010	2011
<b>Supply (billion cubic feet per day)</b>															
Total Marketed Production .....	<b>60.55</b>	<b>60.20</b>	<b>59.42</b>	<b>59.77</b>	<b>61.03</b>	<b>61.70</b>	<b>62.42</b>	<i>63.17</i>	<i>62.78</i>	<i>62.36</i>	<i>61.78</i>	<i>61.14</i>	<b>59.98</b>	<i>62.09</i>	<i>62.01</i>
Alaska .....	<b>1.22</b>	<b>1.06</b>	<b>0.93</b>	<b>1.14</b>	<b>1.16</b>	<b>0.98</b>	<b>0.89</b>	<i>1.01</i>	<i>1.15</i>	<i>1.03</i>	<i>0.90</i>	<i>1.00</i>	<b>1.09</b>	<i>1.01</i>	<i>1.02</i>
Federal GOM (a) .....	<b>6.46</b>	<b>6.80</b>	<b>6.92</b>	<b>6.48</b>	<b>6.67</b>	<b>6.22</b>	<b>5.95</b>	<i>5.90</i>	<i>5.66</i>	<i>5.50</i>	<i>5.19</i>	<i>4.84</i>	<b>6.67</b>	<i>6.18</i>	<i>5.30</i>
Lower 48 States (excl GOM) .....	<b>52.87</b>	<b>52.34</b>	<b>51.57</b>	<b>52.15</b>	<b>53.20</b>	<b>54.51</b>	<b>55.58</b>	<i>56.26</i>	<i>55.97</i>	<i>55.83</i>	<i>55.69</i>	<i>55.29</i>	<b>52.23</b>	<i>54.90</i>	<i>55.69</i>
Total Dry Gas Production .....	<b>58.11</b>	<b>57.63</b>	<b>56.84</b>	<b>57.08</b>	<b>58.36</b>	<b>59.00</b>	<b>59.70</b>	<i>60.39</i>	<i>60.01</i>	<i>59.61</i>	<i>59.06</i>	<i>58.45</i>	<b>57.41</b>	<i>59.37</i>	<i>59.28</i>
Gross Imports .....	<b>11.15</b>	<b>9.56</b>	<b>10.44</b>	<b>9.98</b>	<b>11.41</b>	<b>9.65</b>	<b>9.98</b>	<i>9.67</i>	<i>10.30</i>	<i>9.10</i>	<i>9.69</i>	<i>9.20</i>	<b>10.28</b>	<i>10.17</i>	<i>9.57</i>
Pipeline .....	<b>10.19</b>	<b>7.85</b>	<b>9.23</b>	<b>8.90</b>	<b>9.86</b>	<b>8.44</b>	<b>9.04</b>	<i>8.37</i>	<i>9.17</i>	<i>7.80</i>	<i>8.46</i>	<i>8.01</i>	<b>9.04</b>	<i>8.92</i>	<i>8.36</i>
LNG .....	<b>0.96</b>	<b>1.71</b>	<b>1.21</b>	<b>1.08</b>	<b>1.55</b>	<b>1.22</b>	<b>0.94</b>	<i>1.30</i>	<i>1.13</i>	<i>1.30</i>	<i>1.24</i>	<i>1.18</i>	<b>1.24</b>	<i>1.25</i>	<i>1.21</i>
Gross Exports .....	<b>3.55</b>	<b>2.45</b>	<b>2.60</b>	<b>3.16</b>	<b>3.12</b>	<b>2.77</b>	<b>2.82</b>	<i>3.37</i>	<i>3.60</i>	<i>2.52</i>	<i>2.47</i>	<i>3.16</i>	<b>2.94</b>	<i>3.02</i>	<i>2.93</i>
Net Imports .....	<b>7.60</b>	<b>7.10</b>	<b>7.85</b>	<b>6.82</b>	<b>8.29</b>	<b>6.89</b>	<b>7.16</b>	<i>6.30</i>	<i>6.70</i>	<i>6.58</i>	<i>7.23</i>	<i>6.03</i>	<b>7.34</b>	<i>7.15</i>	<i>6.64</i>
Supplemental Gaseous Fuels .....	<b>0.19</b>	<b>0.14</b>	<b>0.17</b>	<b>0.19</b>	<b>0.19</b>	<b>0.16</b>	<b>0.18</b>	<i>0.18</i>	<i>0.18</i>	<i>0.15</i>	<i>0.17</i>	<i>0.18</i>	<b>0.17</b>	<i>0.18</i>	<i>0.17</i>
Net Inventory Withdrawals .....	<b>13.00</b>	<b>-12.19</b>	<b>-9.88</b>	<b>5.59</b>	<b>16.25</b>	<b>-11.94</b>	<b>-8.22</b>	<i>3.52</i>	<i>14.92</i>	<i>-10.82</i>	<i>-8.33</i>	<i>4.63</i>	<b>-0.91</b>	<i>-0.15</i>	<i>0.05</i>
Total Supply .....	<b>78.90</b>	<b>52.68</b>	<b>54.97</b>	<b>69.69</b>	<b>83.09</b>	<b>54.11</b>	<b>58.81</b>	<i>70.40</i>	<i>81.82</i>	<i>55.53</i>	<i>58.12</i>	<i>69.29</i>	<b>64.01</b>	<i>66.55</i>	<i>66.14</i>
Balancing Item (b) .....	<b>0.64</b>	<b>-0.35</b>	<b>-1.28</b>	<b>-5.79</b>	<b>0.17</b>	<b>0.33</b>	<b>-0.98</b>	<i>-2.16</i>	<i>-0.96</i>	<i>-1.43</i>	<i>-1.28</i>	<i>0.71</i>	<b>-1.71</b>	<i>-0.67</i>	<i>-0.73</i>
Total Primary Supply .....	<b>79.54</b>	<b>52.33</b>	<b>53.69</b>	<b>63.90</b>	<b>83.26</b>	<b>54.44</b>	<b>57.83</b>	<i>68.23</i>	<i>80.87</i>	<i>54.10</i>	<i>56.84</i>	<i>70.01</i>	<b>62.30</b>	<i>65.88</i>	<i>65.40</i>
<b>Consumption (billion cubic feet per day)</b>															
Residential .....	<b>25.43</b>	<b>8.02</b>	<b>3.75</b>	<b>14.95</b>	<b>26.59</b>	<b>7.30</b>	<b>3.72</b>	<i>17.00</i>	<i>24.60</i>	<i>7.07</i>	<i>3.67</i>	<i>17.73</i>	<b>12.98</b>	<i>13.60</i>	<i>13.22</i>
Commercial .....	<b>14.35</b>	<b>6.00</b>	<b>4.21</b>	<b>9.46</b>	<b>14.72</b>	<b>5.71</b>	<b>4.23</b>	<i>10.23</i>	<i>13.99</i>	<i>5.57</i>	<i>3.96</i>	<i>10.68</i>	<b>8.48</b>	<i>8.70</i>	<i>8.53</i>
Industrial .....	<b>18.00</b>	<b>15.42</b>	<b>15.62</b>	<b>17.71</b>	<b>19.65</b>	<b>17.07</b>	<b>16.92</b>	<i>17.99</i>	<i>19.80</i>	<i>17.32</i>	<i>16.87</i>	<i>18.39</i>	<b>16.68</b>	<i>17.90</i>	<i>18.09</i>
Electric Power (c) .....	<b>15.97</b>	<b>17.87</b>	<b>25.10</b>	<b>16.47</b>	<b>16.37</b>	<b>19.20</b>	<b>27.66</b>	<i>17.44</i>	<i>16.45</i>	<i>18.91</i>	<i>27.14</i>	<i>17.80</i>	<b>18.87</b>	<i>20.19</i>	<i>20.10</i>
Lease and Plant Fuel .....	<b>3.49</b>	<b>3.47</b>	<b>3.42</b>	<b>3.44</b>	<b>3.52</b>	<b>3.56</b>	<b>3.60</b>	<i>3.64</i>	<i>3.62</i>	<i>3.59</i>	<i>3.56</i>	<i>3.52</i>	<b>3.46</b>	<i>3.58</i>	<i>3.57</i>
Pipeline and Distribution Use .....	<b>2.22</b>	<b>1.46</b>	<b>1.50</b>	<b>1.78</b>	<b>2.32</b>	<b>1.52</b>	<b>1.61</b>	<i>1.85</i>	<i>2.33</i>	<i>1.54</i>	<i>1.54</i>	<i>1.80</i>	<b>1.74</b>	<i>1.82</i>	<i>1.80</i>
Vehicle Use .....	<b>0.09</b>	<b>0.09</b>	<b>0.09</b>	<b>0.09</b>	<b>0.09</b>	<b>0.09</b>	<b>0.09</b>	<i>0.09</i>	<i>0.09</i>	<i>0.09</i>	<i>0.09</i>	<i>0.09</i>	<b>0.09</b>	<i>0.09</i>	<i>0.09</i>
Total Consumption .....	<b>79.54</b>	<b>52.33</b>	<b>53.69</b>	<b>63.90</b>	<b>83.26</b>	<b>54.44</b>	<b>57.83</b>	<i>68.23</i>	<i>80.87</i>	<i>54.10</i>	<i>56.84</i>	<i>70.01</i>	<b>62.30</b>	<i>65.88</i>	<i>65.40</i>
<b>End-of-period Inventories (billion cubic feet)</b>															
Working Gas Inventory .....	<b>1,656</b>	<b>2,752</b>	<b>3,643</b>	<b>3,131</b>	<b>1,662</b>	<b>2,741</b>	<b>3,500</b>	<i>3,176</i>	<i>1,833</i>	<i>2,818</i>	<i>3,584</i>	<i>3,159</i>	<b>3,131</b>	<i>3,176</i>	<i>3,159</i>
Producing Region (d) .....	<b>734</b>	<b>1,003</b>	<b>1,164</b>	<b>1,012</b>	<b>627</b>	<b>962</b>	<b>1,092</b>	<i>1,120</i>	<i>818</i>	<i>1,054</i>	<i>1,137</i>	<i>1,074</i>	<b>1,012</b>	<i>1,120</i>	<i>1,074</i>
East Consuming Region (d) .....	<b>644</b>	<b>1,322</b>	<b>1,988</b>	<b>1,686</b>	<b>744</b>	<b>1,330</b>	<b>1,913</b>	<i>1,646</i>	<i>739</i>	<i>1,341</i>	<i>1,940</i>	<i>1,649</i>	<b>1,686</b>	<i>1,646</i>	<i>1,649</i>
West Consuming Region (d) .....	<b>279</b>	<b>427</b>	<b>490</b>	<b>433</b>	<b>291</b>	<b>450</b>	<b>495</b>	<i>410</i>	<i>276</i>	<i>424</i>	<i>508</i>	<i>436</i>	<b>433</b>	<i>410</i>	<i>436</i>

- = no data available

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

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

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

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

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

LNG: liquefied natural gas.

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

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

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

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

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

	2009				2010				2011				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2009	2010	2011
<b>Wholesale/Spot</b>															
U.S. Average Wellhead .....	<b>4.36</b>	<b>3.44</b>	<b>3.17</b>	<b>3.89</b>	<b>4.79</b>	<b>4.07</b>	<b>4.11</b>	<i>3.50</i>	<i>3.81</i>	<i>3.75</i>	<i>3.81</i>	<i>4.30</i>	<b>3.72</b>	<i>4.11</i>	<i>3.91</i>
Henry Hub Spot Price .....	<b>4.71</b>	<b>3.82</b>	<b>3.26</b>	<b>4.46</b>	<b>5.30</b>	<b>4.45</b>	<b>4.41</b>	<i>3.84</i>	<i>4.38</i>	<i>4.21</i>	<i>4.30</i>	<i>4.95</i>	<b>4.06</b>	<i>4.50</i>	<i>4.46</i>
<b>Residential</b>															
New England .....	<b>17.27</b>	<b>17.28</b>	<b>17.61</b>	<b>15.00</b>	<b>14.84</b>	<b>16.49</b>	<b>17.71</b>	<i>15.05</i>	<i>14.98</i>	<i>16.13</i>	<i>18.50</i>	<i>16.19</i>	<b>16.77</b>	<i>15.39</i>	<i>15.75</i>
Middle Atlantic .....	<b>15.02</b>	<b>15.14</b>	<b>17.98</b>	<b>13.70</b>	<b>12.79</b>	<b>15.17</b>	<b>18.41</b>	<i>13.84</i>	<i>12.76</i>	<i>14.01</i>	<i>18.12</i>	<i>14.61</i>	<b>14.87</b>	<i>13.81</i>	<i>13.86</i>
E. N. Central .....	<b>10.96</b>	<b>10.85</b>	<b>14.52</b>	<b>9.40</b>	<b>9.54</b>	<b>12.24</b>	<b>16.68</b>	<i>10.18</i>	<i>9.42</i>	<i>11.02</i>	<i>14.71</i>	<i>10.61</i>	<b>10.71</b>	<i>10.49</i>	<i>10.33</i>
W. N. Central .....	<b>10.21</b>	<b>10.86</b>	<b>14.95</b>	<b>9.35</b>	<b>9.08</b>	<b>11.87</b>	<b>16.35</b>	<i>9.48</i>	<i>8.90</i>	<i>10.87</i>	<i>15.92</i>	<i>10.35</i>	<b>10.33</b>	<i>9.95</i>	<i>10.00</i>
S. Atlantic .....	<b>14.46</b>	<b>18.05</b>	<b>22.90</b>	<b>13.42</b>	<b>12.62</b>	<b>18.74</b>	<b>23.99</b>	<i>14.67</i>	<i>13.24</i>	<i>17.74</i>	<i>24.90</i>	<i>15.67</i>	<b>15.09</b>	<i>14.51</i>	<i>15.30</i>
E. S. Central .....	<b>13.43</b>	<b>14.78</b>	<b>17.30</b>	<b>11.15</b>	<b>10.51</b>	<b>14.81</b>	<b>17.82</b>	<i>12.40</i>	<i>11.57</i>	<i>14.22</i>	<i>19.25</i>	<i>13.36</i>	<b>13.17</b>	<i>11.76</i>	<i>12.86</i>
W. S. Central .....	<b>11.35</b>	<b>13.16</b>	<b>16.72</b>	<b>10.13</b>	<b>9.72</b>	<b>13.93</b>	<b>18.17</b>	<i>11.02</i>	<i>9.39</i>	<i>13.47</i>	<i>18.67</i>	<i>12.04</i>	<b>11.69</b>	<i>11.11</i>	<i>11.43</i>
Mountain .....	<b>10.56</b>	<b>10.48</b>	<b>13.44</b>	<b>9.32</b>	<b>9.24</b>	<b>9.83</b>	<b>12.97</b>	<i>8.62</i>	<i>8.48</i>	<i>9.46</i>	<i>12.79</i>	<i>9.93</i>	<b>10.36</b>	<i>9.45</i>	<i>9.39</i>
Pacific .....	<b>10.62</b>	<b>10.10</b>	<b>10.51</b>	<b>10.17</b>	<b>10.43</b>	<b>10.47</b>	<b>11.08</b>	<i>9.42</i>	<i>9.62</i>	<i>9.79</i>	<i>10.61</i>	<i>10.26</i>	<b>10.38</b>	<i>10.24</i>	<i>9.95</i>
U.S. Average .....	<b>12.15</b>	<b>12.25</b>	<b>14.76</b>	<b>10.80</b>	<b>10.61</b>	<b>12.58</b>	<b>15.45</b>	<i>11.21</i>	<i>10.50</i>	<i>11.81</i>	<i>15.12</i>	<i>12.00</i>	<b>11.96</b>	<i>11.40</i>	<i>11.50</i>
<b>Commercial</b>															
New England .....	<b>14.30</b>	<b>12.80</b>	<b>11.44</b>	<b>11.09</b>	<b>12.10</b>	<b>12.39</b>	<b>11.65</b>	<i>11.77</i>	<i>12.19</i>	<i>11.63</i>	<i>12.25</i>	<i>12.64</i>	<b>13.01</b>	<i>12.01</i>	<i>12.20</i>
Middle Atlantic .....	<b>12.29</b>	<b>10.12</b>	<b>9.41</b>	<b>10.26</b>	<b>10.73</b>	<b>9.54</b>	<b>9.37</b>	<i>10.72</i>	<i>10.91</i>	<i>9.74</i>	<i>9.33</i>	<i>11.00</i>	<b>11.04</b>	<i>10.35</i>	<i>10.53</i>
E. N. Central .....	<b>10.45</b>	<b>9.08</b>	<b>9.15</b>	<b>8.41</b>	<b>8.84</b>	<b>9.21</b>	<b>9.57</b>	<i>8.29</i>	<i>8.30</i>	<i>8.75</i>	<i>9.29</i>	<i>8.91</i>	<b>9.56</b>	<i>8.80</i>	<i>8.62</i>
W. N. Central .....	<b>9.44</b>	<b>8.04</b>	<b>8.21</b>	<b>7.68</b>	<b>8.36</b>	<b>8.38</b>	<b>9.35</b>	<i>7.77</i>	<i>7.88</i>	<i>7.91</i>	<i>8.89</i>	<i>8.43</i>	<b>8.61</b>	<i>8.29</i>	<i>8.11</i>
S. Atlantic .....	<b>12.02</b>	<b>11.21</b>	<b>10.97</b>	<b>10.46</b>	<b>10.53</b>	<b>10.74</b>	<b>10.74</b>	<i>10.70</i>	<i>10.79</i>	<i>10.48</i>	<i>11.29</i>	<i>11.81</i>	<b>11.28</b>	<i>10.64</i>	<i>11.07</i>
E. S. Central .....	<b>12.35</b>	<b>11.04</b>	<b>10.44</b>	<b>9.55</b>	<b>9.43</b>	<b>10.13</b>	<b>10.22</b>	<i>10.54</i>	<i>10.24</i>	<i>10.20</i>	<i>11.13</i>	<i>11.48</i>	<b>11.15</b>	<i>9.87</i>	<i>10.66</i>
W. S. Central .....	<b>9.62</b>	<b>8.68</b>	<b>8.95</b>	<b>8.12</b>	<b>8.48</b>	<b>9.06</b>	<b>9.16</b>	<i>8.52</i>	<i>7.89</i>	<i>8.19</i>	<i>8.80</i>	<i>9.34</i>	<b>8.93</b>	<i>8.68</i>	<i>8.45</i>
Mountain .....	<b>9.27</b>	<b>8.72</b>	<b>9.39</b>	<b>8.25</b>	<b>8.34</b>	<b>8.11</b>	<b>8.87</b>	<i>8.24</i>	<i>8.09</i>	<i>7.71</i>	<i>8.53</i>	<i>8.55</i>	<b>8.86</b>	<i>8.32</i>	<i>8.20</i>
Pacific .....	<b>10.05</b>	<b>8.95</b>	<b>8.93</b>	<b>9.26</b>	<b>9.48</b>	<b>8.97</b>	<b>9.19</b>	<i>8.59</i>	<i>8.90</i>	<i>7.85</i>	<i>8.23</i>	<i>8.76</i>	<b>9.43</b>	<i>9.06</i>	<i>8.53</i>
U.S. Average .....	<b>10.74</b>	<b>9.38</b>	<b>9.43</b>	<b>8.91</b>	<b>9.31</b>	<b>9.26</b>	<b>9.60</b>	<i>9.01</i>	<i>9.15</i>	<i>8.88</i>	<i>9.46</i>	<i>9.62</i>	<b>9.85</b>	<i>9.25</i>	<i>9.28</i>
<b>Industrial</b>															
New England .....	<b>13.77</b>	<b>11.78</b>	<b>9.68</b>	<b>10.97</b>	<b>12.37</b>	<b>10.87</b>	<b>9.71</b>	<i>10.42</i>	<i>11.77</i>	<i>11.12</i>	<i>10.29</i>	<i>11.68</i>	<b>12.12</b>	<i>11.13</i>	<i>11.41</i>
Middle Atlantic .....	<b>11.43</b>	<b>8.87</b>	<b>7.92</b>	<b>9.15</b>	<b>10.06</b>	<b>9.00</b>	<b>9.16</b>	<i>9.49</i>	<i>9.76</i>	<i>8.42</i>	<i>8.20</i>	<i>10.27</i>	<b>9.91</b>	<i>9.60</i>	<i>9.44</i>
E. N. Central .....	<b>9.60</b>	<b>6.91</b>	<b>6.30</b>	<b>6.96</b>	<b>7.95</b>	<b>7.00</b>	<b>6.95</b>	<i>6.81</i>	<i>7.32</i>	<i>7.12</i>	<i>7.08</i>	<i>7.67</i>	<b>8.00</b>	<i>7.33</i>	<i>7.36</i>
W. N. Central .....	<b>7.78</b>	<b>5.03</b>	<b>4.49</b>	<b>5.91</b>	<b>6.76</b>	<b>5.67</b>	<b>5.60</b>	<i>5.40</i>	<i>6.20</i>	<i>5.04</i>	<i>5.23</i>	<i>6.35</i>	<b>6.00</b>	<i>5.90</i>	<i>5.80</i>
S. Atlantic .....	<b>8.62</b>	<b>6.28</b>	<b>5.88</b>	<b>6.63</b>	<b>7.60</b>	<b>6.14</b>	<b>6.24</b>	<i>7.25</i>	<i>7.57</i>	<i>6.69</i>	<i>7.11</i>	<i>8.25</i>	<b>6.97</b>	<i>6.91</i>	<i>7.43</i>
E. S. Central .....	<b>7.99</b>	<b>5.58</b>	<b>5.04</b>	<b>5.94</b>	<b>7.22</b>	<b>5.71</b>	<b>5.66</b>	<i>6.57</i>	<i>7.37</i>	<i>6.42</i>	<i>6.69</i>	<i>7.60</i>	<b>6.24</b>	<i>6.38</i>	<i>7.07</i>
W. S. Central .....	<b>4.70</b>	<b>3.76</b>	<b>3.59</b>	<b>4.55</b>	<b>5.60</b>	<b>4.36</b>	<b>4.59</b>	<i>4.15</i>	<i>4.48</i>	<i>4.65</i>	<i>4.73</i>	<i>5.09</i>	<b>4.15</b>	<i>4.65</i>	<i>4.74</i>
Mountain .....	<b>8.28</b>	<b>6.96</b>	<b>6.64</b>	<b>7.37</b>	<b>7.32</b>	<b>6.36</b>	<b>6.77</b>	<i>6.97</i>	<i>7.50</i>	<i>6.84</i>	<i>7.06</i>	<i>8.05</i>	<b>7.41</b>	<i>6.90</i>	<i>7.40</i>
Pacific .....	<b>8.26</b>	<b>7.06</b>	<b>7.18</b>	<b>7.44</b>	<b>7.77</b>	<b>7.01</b>	<b>7.05</b>	<i>7.28</i>	<i>7.61</i>	<i>6.41</i>	<i>6.12</i>	<i>7.42</i>	<b>7.56</b>	<i>7.31</i>	<i>6.97</i>
U.S. Average .....	<b>6.53</b>	<b>4.63</b>	<b>4.25</b>	<b>5.42</b>	<b>6.58</b>	<b>5.02</b>	<b>5.10</b>	<i>5.18</i>	<i>5.86</i>	<i>5.31</i>	<i>5.28</i>	<i>6.12</i>	<b>5.28</b>	<i>5.50</i>	<i>5.66</i>

- = no data available

Prices are not adjusted for inflation.

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

Regions refer to U.S. Census divisions.

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

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

 Natural gas Henry Hub spot price from Reuter's News Service (<http://www.reuters.com>).

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

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

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

	2009				2010				2011				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2009	2010	2011
<b>Supply (million short tons)</b>															
Production .....	<b>281.4</b>	<b>262.6</b>	<b>268.6</b>	<b>260.0</b>	<b>265.3</b>	<b>265.1</b>	<b>274.5</b>	<i>278.9</i>	<i>272.1</i>	<i>259.9</i>	<i>281.0</i>	<i>275.8</i>	<b>1072.8</b>	<i>1083.8</i>	<i>1088.8</i>
Appalachia .....	<b>94.8</b>	<b>84.1</b>	<b>80.7</b>	<b>81.0</b>	<b>84.4</b>	<b>84.4</b>	<b>84.8</b>	<i>87.1</i>	<i>86.9</i>	<i>82.9</i>	<i>89.7</i>	<i>88.0</i>	<b>340.6</b>	<i>340.7</i>	<i>347.5</i>
Interior .....	<b>37.1</b>	<b>37.5</b>	<b>36.9</b>	<b>36.1</b>	<b>37.7</b>	<b>37.8</b>	<b>37.1</b>	<i>38.4</i>	<i>37.6</i>	<i>35.9</i>	<i>38.8</i>	<i>38.1</i>	<b>147.6</b>	<i>151.0</i>	<i>150.3</i>
Western .....	<b>149.6</b>	<b>141.0</b>	<b>151.1</b>	<b>142.9</b>	<b>143.3</b>	<b>142.8</b>	<b>152.6</b>	<i>153.3</i>	<i>147.7</i>	<i>141.0</i>	<i>152.5</i>	<i>149.7</i>	<b>584.5</b>	<i>592.0</i>	<i>591.0</i>
Primary Inventory Withdrawals .....	<b>-6.6</b>	<b>-2.8</b>	<b>2.3</b>	<b>0.4</b>	<b>-2.4</b>	<b>1.5</b>	<b>6.2</b>	<i>0.3</i>	<i>4.8</i>	<i>-1.7</i>	<i>1.0</i>	<i>1.2</i>	<b>-6.6</b>	<i>5.6</i>	<i>5.2</i>
Imports .....	<b>6.3</b>	<b>5.4</b>	<b>5.4</b>	<b>5.4</b>	<b>4.8</b>	<b>5.1</b>	<b>4.3</b>	<i>4.7</i>	<i>5.1</i>	<i>7.4</i>	<i>7.2</i>	<i>6.3</i>	<b>22.6</b>	<i>18.9</i>	<i>25.9</i>
Exports .....	<b>13.3</b>	<b>13.0</b>	<b>15.2</b>	<b>17.7</b>	<b>17.8</b>	<b>22.0</b>	<b>18.4</b>	<i>18.4</i>	<i>14.1</i>	<i>19.2</i>	<i>21.0</i>	<i>19.6</i>	<b>59.1</b>	<i>76.5</i>	<i>74.0</i>
Metallurgical Coal .....	<b>8.5</b>	<b>6.5</b>	<b>10.4</b>	<b>11.9</b>	<b>14.2</b>	<b>15.6</b>	<b>12.9</b>	<i>13.2</i>	<i>9.8</i>	<i>13.3</i>	<i>15.6</i>	<i>13.9</i>	<b>37.3</b>	<i>55.9</i>	<i>52.6</i>
Steam Coal .....	<b>4.9</b>	<b>6.4</b>	<b>4.8</b>	<b>5.8</b>	<b>3.6</b>	<b>6.4</b>	<b>5.4</b>	<i>5.2</i>	<i>4.3</i>	<i>5.9</i>	<i>5.4</i>	<i>5.7</i>	<b>21.8</b>	<i>20.6</i>	<i>21.3</i>
Total Primary Supply .....	<b>267.9</b>	<b>252.4</b>	<b>261.2</b>	<b>248.3</b>	<b>249.9</b>	<b>249.7</b>	<b>266.7</b>	<i>265.4</i>	<i>267.9</i>	<i>246.3</i>	<i>268.2</i>	<i>263.6</i>	<b>1029.7</b>	<i>1031.7</i>	<i>1046.0</i>
Secondary Inventory Withdrawals .....	<b>-11.8</b>	<b>-21.0</b>	<b>-1.2</b>	<b>6.8</b>	<b>15.9</b>	<b>-5.3</b>	<b>17.0</b>	<i>-5.6</i>	<i>-1.7</i>	<i>-10.0</i>	<i>13.0</i>	<i>-4.6</i>	<b>-27.1</b>	<i>22.0</i>	<i>-3.4</i>
Waste Coal (a) .....	<b>3.1</b>	<b>2.8</b>	<b>3.2</b>	<b>3.3</b>	<b>3.1</b>	<b>3.3</b>	<b>3.2</b>	<i>3.2</i>	<i>3.2</i>	<i>3.2</i>	<i>3.2</i>	<i>3.2</i>	<b>12.4</b>	<i>12.7</i>	<i>12.7</i>
Total Supply .....	<b>259.2</b>	<b>234.1</b>	<b>263.3</b>	<b>258.4</b>	<b>268.9</b>	<b>247.7</b>	<b>286.9</b>	<i>263.0</i>	<i>269.4</i>	<i>239.4</i>	<i>284.4</i>	<i>262.2</i>	<b>1015.0</b>	<i>1066.4</i>	<i>1055.3</i>
<b>Consumption (million short tons)</b>															
Coke Plants .....	<b>4.4</b>	<b>3.4</b>	<b>3.4</b>	<b>4.1</b>	<b>4.9</b>	<b>5.4</b>	<b>5.2</b>	<i>5.0</i>	<i>5.6</i>	<i>4.7</i>	<i>5.5</i>	<i>5.0</i>	<b>15.3</b>	<i>20.5</i>	<i>20.8</i>
Electric Power Sector (b) .....	<b>237.6</b>	<b>216.9</b>	<b>245.2</b>	<b>236.9</b>	<b>246.9</b>	<b>230.2</b>	<b>268.2</b>	<i>244.8</i>	<i>251.0</i>	<i>223.6</i>	<i>267.5</i>	<i>245.6</i>	<b>936.5</b>	<i>990.1</i>	<i>987.6</i>
Retail and Other Industry .....	<b>13.2</b>	<b>11.2</b>	<b>11.7</b>	<b>12.5</b>	<b>13.4</b>	<b>12.3</b>	<b>11.9</b>	<i>12.3</i>	<i>12.8</i>	<i>11.1</i>	<i>11.4</i>	<i>11.6</i>	<b>48.6</b>	<i>49.9</i>	<i>46.9</i>
Residential and Commercial .....	<b>1.1</b>	<b>0.7</b>	<b>0.6</b>	<b>0.9</b>	<b>1.0</b>	<b>0.6</b>	<b>0.6</b>	<i>0.8</i>	<i>1.0</i>	<i>0.7</i>	<i>0.6</i>	<i>0.9</i>	<b>3.2</b>	<i>3.0</i>	<i>3.2</i>
Other Industrial .....	<b>12.1</b>	<b>10.6</b>	<b>11.1</b>	<b>11.6</b>	<b>12.3</b>	<b>11.7</b>	<b>11.4</b>	<i>11.5</i>	<i>11.8</i>	<i>10.4</i>	<i>10.8</i>	<i>10.7</i>	<b>45.4</b>	<i>46.9</i>	<i>43.7</i>
Total Consumption .....	<b>255.1</b>	<b>231.5</b>	<b>260.4</b>	<b>253.4</b>	<b>265.1</b>	<b>247.8</b>	<b>286.2</b>	<i>262.2</i>	<i>269.4</i>	<i>239.4</i>	<i>284.4</i>	<i>262.2</i>	<b>1000.4</b>	<i>1061.2</i>	<i>1055.3</i>
Discrepancy (c) .....	<b>4.1</b>	<b>2.7</b>	<b>2.9</b>	<b>5.0</b>	<b>3.8</b>	<b>-0.1</b>	<b>0.7</b>	<i>0.8</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	<b>14.6</b>	<i>5.2</i>	<i>0.0</i>
<b>End-of-period Inventories (million short tons)</b>															
Primary Inventories (d) .....	<b>41.3</b>	<b>44.0</b>	<b>41.7</b>	<b>41.3</b>	<b>43.7</b>	<b>42.2</b>	<b>36.0</b>	<i>35.7</i>	<i>30.9</i>	<i>32.6</i>	<i>31.6</i>	<i>30.5</i>	<b>41.3</b>	<i>35.7</i>	<i>30.5</i>
Secondary Inventories .....	<b>182.2</b>	<b>203.2</b>	<b>204.4</b>	<b>197.6</b>	<b>181.6</b>	<b>186.9</b>	<b>169.9</b>	<i>175.6</i>	<i>177.3</i>	<i>187.3</i>	<i>174.3</i>	<i>178.9</i>	<b>197.6</b>	<i>175.6</i>	<i>178.9</i>
Electric Power Sector .....	<b>174.3</b>	<b>195.9</b>	<b>197.2</b>	<b>190.0</b>	<b>175.4</b>	<b>180.2</b>	<b>162.7</b>	<i>168.1</i>	<i>170.6</i>	<i>180.3</i>	<i>166.7</i>	<i>171.0</i>	<b>190.0</b>	<i>168.1</i>	<i>171.0</i>
Retail and General Industry .....	<b>5.3</b>	<b>5.1</b>	<b>5.1</b>	<b>5.1</b>	<b>4.2</b>	<b>4.3</b>	<b>4.8</b>	<i>5.1</i>	<i>4.3</i>	<i>4.6</i>	<i>5.1</i>	<i>5.4</i>	<b>5.1</b>	<i>5.1</i>	<i>5.4</i>
Coke Plants .....	<b>2.1</b>	<b>1.8</b>	<b>1.6</b>	<b>2.0</b>	<b>1.6</b>	<b>2.0</b>	<b>1.9</b>	<i>1.9</i>	<i>1.9</i>	<i>2.0</i>	<i>2.0</i>	<i>2.0</i>	<b>2.0</b>	<i>1.9</i>	<i>2.0</i>
<b>Coal Market Indicators</b>															
Coal Miner Productivity															
(Tons per hour) .....	<b>5.61</b>	<b>5.61</b>	<b>5.61</b>	<b>5.61</b>	<b>5.58</b>	<b>5.58</b>	<b>5.59</b>	<i>5.60</i>	<i>5.57</i>	<i>5.57</i>	<i>5.57</i>	<i>5.57</i>	<b>5.61</b>	<i>5.59</i>	<i>5.57</i>
Total Raw Steel Production															
(Million short tons per day) .....	<b>0.146</b>	<b>0.153</b>	<b>0.186</b>	<b>0.214</b>	<b>0.234</b>	<b>0.253</b>	<b>0.245</b>	<i>0.232</i>	<i>0.235</i>	<i>0.246</i>	<i>0.238</i>	<i>0.230</i>	<b>0.175</b>	<i>0.241</i>	<i>0.237</i>
Cost of Coal to Electric Utilities															
(Dollars per million Btu) .....	<b>2.26</b>	<b>2.23</b>	<b>2.20</b>	<b>2.15</b>	<b>2.27</b>	<b>2.27</b>	<b>2.29</b>	<i>2.26</i>	<i>2.29</i>	<i>2.28</i>	<i>2.25</i>	<i>2.23</i>	<b>2.21</b>	<i>2.27</i>	<i>2.26</i>

- = no data available

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

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

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

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

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

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

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

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

**Table 7a. U.S. Electricity Industry Overview**

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

	2009				2010				2011				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2009	2010	2011
<b>Electricity Supply (billion kilowatthours per day)</b>															
Electricity Generation .....	<b>10.75</b>	<b>10.45</b>	<b>11.74</b>	<b>10.38</b>	<b>11.02</b>	<b>10.90</b>	<b>12.65</b>	<i>10.62</i>	<i>11.05</i>	<i>10.94</i>	<i>12.56</i>	<i>10.71</i>	<b>10.83</b>	<i>11.30</i>	<i>11.31</i>
Electric Power Sector (a) .....	<b>10.38</b>	<b>10.08</b>	<b>11.35</b>	<b>9.99</b>	<b>10.60</b>	<b>10.50</b>	<b>12.22</b>	<i>10.23</i>	<i>10.64</i>	<i>10.55</i>	<i>12.15</i>	<i>10.32</i>	<b>10.45</b>	<i>10.89</i>	<i>10.92</i>
Industrial Sector .....	<b>0.35</b>	<b>0.34</b>	<b>0.37</b>	<b>0.37</b>	<b>0.39</b>	<b>0.38</b>	<b>0.40</b>	<i>0.37</i>	<i>0.38</i>	<i>0.36</i>	<i>0.39</i>	<i>0.37</i>	<b>0.36</b>	<i>0.39</i>	<i>0.37</i>
Commercial Sector .....	<b>0.02</b>	<i>0.02</i>	<i>0.02</i>	<i>0.02</i>	<i>0.02</i>	<i>0.02</i>	<b>0.02</b>	<i>0.02</i>	<i>0.02</i>						
Net Imports .....	<b>0.06</b>	<b>0.08</b>	<b>0.13</b>	<b>0.10</b>	<b>0.12</b>	<b>0.07</b>	<b>0.06</b>	<i>0.02</i>	<i>0.03</i>	<i>0.05</i>	<i>0.10</i>	<i>0.07</i>	<b>0.09</b>	<i>0.07</i>	<i>0.06</i>
Total Supply .....	<b>10.82</b>	<b>10.53</b>	<b>11.87</b>	<b>10.48</b>	<b>11.13</b>	<b>10.97</b>	<b>12.70</b>	<i>10.64</i>	<i>11.08</i>	<i>10.99</i>	<i>12.66</i>	<i>10.78</i>	<b>10.92</b>	<i>11.37</i>	<i>11.38</i>
Losses and Unaccounted for (b) ...	<b>0.51</b>	<b>0.85</b>	<b>0.66</b>	<b>0.68</b>	<b>0.42</b>	<b>0.87</b>	<b>0.60</b>	<i>0.65</i>	<i>0.52</i>	<i>0.80</i>	<i>0.69</i>	<i>0.63</i>	<b>0.67</b>	<i>0.63</i>	<i>0.66</i>
<b>Electricity Consumption (billion kilowatthours per day)</b>															
Retail Sales .....	<b>9.86</b>	<b>9.24</b>	<b>10.74</b>	<b>9.34</b>	<b>10.22</b>	<b>9.63</b>	<b>11.60</b>	<i>9.52</i>	<i>10.07</i>	<i>9.73</i>	<i>11.47</i>	<i>9.69</i>	<b>9.80</b>	<i>10.24</i>	<i>10.24</i>
Residential Sector .....	<b>3.98</b>	<b>3.29</b>	<b>4.25</b>	<b>3.42</b>	<b>4.26</b>	<b>3.41</b>	<b>4.74</b>	<i>3.45</i>	<i>3.98</i>	<i>3.42</i>	<i>4.59</i>	<i>3.53</i>	<b>3.73</b>	<i>3.96</i>	<i>3.88</i>
Commercial Sector .....	<b>3.51</b>	<b>3.56</b>	<b>3.96</b>	<b>3.47</b>	<b>3.50</b>	<b>3.62</b>	<b>4.15</b>	<i>3.51</i>	<i>3.53</i>	<i>3.67</i>	<i>4.16</i>	<i>3.59</i>	<b>3.62</b>	<i>3.70</i>	<i>3.74</i>
Industrial Sector .....	<b>2.35</b>	<b>2.37</b>	<b>2.51</b>	<b>2.43</b>	<b>2.44</b>	<b>2.58</b>	<b>2.69</b>	<i>2.53</i>	<i>2.54</i>	<i>2.63</i>	<i>2.70</i>	<i>2.55</i>	<b>2.42</b>	<i>2.56</i>	<i>2.61</i>
Transportation Sector .....	<b>0.02</b>	<i>0.02</i>	<i>0.02</i>	<i>0.02</i>	<i>0.02</i>	<i>0.02</i>	<b>0.02</b>	<i>0.02</i>	<i>0.02</i>						
Direct Use (c) .....	<b>0.45</b>	<b>0.44</b>	<b>0.47</b>	<b>0.46</b>	<b>0.49</b>	<b>0.48</b>	<b>0.51</b>	<i>0.47</i>	<i>0.48</i>	<i>0.46</i>	<i>0.49</i>	<i>0.46</i>	<b>0.45</b>	<i>0.49</i>	<i>0.47</i>
Total Consumption .....	<b>10.31</b>	<b>9.67</b>	<b>11.21</b>	<b>9.80</b>	<b>10.72</b>	<b>10.10</b>	<b>12.10</b>	<i>9.99</i>	<i>10.56</i>	<i>10.18</i>	<i>11.96</i>	<i>10.15</i>	<b>10.25</b>	<i>10.73</i>	<i>10.72</i>
<b>Prices</b>															
<b>Power Generation Fuel Costs (dollars per million Btu)</b>															
Coal .....	<b>2.26</b>	<b>2.23</b>	<b>2.20</b>	<b>2.15</b>	<b>2.27</b>	<b>2.27</b>	<b>2.29</b>	<i>2.26</i>	<i>2.29</i>	<i>2.28</i>	<i>2.25</i>	<i>2.23</i>	<b>2.21</b>	<i>2.27</i>	<i>2.26</i>
Natural Gas .....	<b>5.45</b>	<b>4.43</b>	<b>4.07</b>	<b>5.18</b>	<b>6.06</b>	<b>4.89</b>	<b>4.88</b>	<i>4.71</i>	<i>5.01</i>	<i>4.80</i>	<i>4.90</i>	<i>5.41</i>	<b>4.69</b>	<i>5.08</i>	<i>5.01</i>
Residual Fuel Oil .....	<b>6.80</b>	<b>8.26</b>	<b>10.65</b>	<b>11.24</b>	<b>11.74</b>	<b>11.96</b>	<b>11.79</b>	<i>12.23</i>	<i>12.73</i>	<i>13.00</i>	<i>13.10</i>	<i>13.31</i>	<b>8.85</b>	<i>11.92</i>	<i>13.02</i>
Distillate Fuel Oil .....	<b>11.10</b>	<b>12.30</b>	<b>14.59</b>	<b>15.55</b>	<b>15.70</b>	<b>16.29</b>	<b>15.84</b>	<i>18.08</i>	<i>18.27</i>	<i>18.15</i>	<i>18.46</i>	<i>18.99</i>	<b>13.10</b>	<i>16.31</i>	<i>18.47</i>
<b>End-Use Prices (cents per kilowatthour)</b>															
Residential Sector .....	<b>11.15</b>	<b>11.74</b>	<b>11.96</b>	<b>11.29</b>	<b>10.86</b>	<b>11.88</b>	<b>11.99</b>	<i>11.42</i>	<i>10.92</i>	<i>11.82</i>	<i>12.18</i>	<i>11.59</i>	<b>11.55</b>	<i>11.54</i>	<i>11.65</i>
Commercial Sector .....	<b>10.09</b>	<b>10.20</b>	<b>10.58</b>	<b>9.92</b>	<b>9.83</b>	<b>10.22</b>	<b>10.65</b>	<i>10.11</i>	<i>9.79</i>	<i>10.24</i>	<i>10.78</i>	<i>10.19</i>	<b>10.21</b>	<i>10.22</i>	<i>10.28</i>
Industrial Sector .....	<b>6.85</b>	<b>6.91</b>	<b>7.07</b>	<b>6.55</b>	<b>6.53</b>	<b>6.76</b>	<b>7.20</b>	<i>6.71</i>	<i>6.43</i>	<i>6.72</i>	<i>7.15</i>	<i>6.71</i>	<b>6.84</b>	<i>6.81</i>	<i>6.76</i>

- = no data available

Prices are not adjusted for inflation.

(a) Electric utilities and independent power producers.

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

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

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

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

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

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

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

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

	2009				2010				2011				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2009	2010	2011
<b>Residential Sector</b>															
New England .....	143	108	132	120	142	114	150	124	145	117	144	127	126	133	133
Middle Atlantic .....	399	306	379	329	393	326	443	336	399	324	427	346	353	374	374
E. N. Central .....	571	434	515	480	578	455	638	488	569	455	595	497	500	540	529
W. N. Central .....	317	241	290	262	335	249	349	264	315	254	340	272	278	299	295
S. Atlantic .....	993	837	1,102	854	1,128	875	1,230	859	991	866	1,182	885	947	1,023	981
E. S. Central .....	355	276	370	282	408	293	430	287	353	286	406	296	321	354	335
W. S. Central .....	499	493	717	451	592	511	769	465	510	515	744	477	540	585	562
Mountain .....	240	230	323	230	243	227	324	226	241	233	329	229	256	255	258
Pacific contiguous .....	442	354	410	395	424	342	390	390	438	351	412	384	400	387	396
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	4,737	3,454	3,977	3,415	4,593	3,528	3,734	3,964	3,879
<b>Commercial Sector</b>															
New England .....	128	118	131	119	124	121	137	119	127	123	139	123	124	125	128
Middle Atlantic .....	449	422	476	417	443	434	506	431	455	439	503	438	441	454	459
E. N. Central .....	555	536	567	520	543	541	613	524	553	558	613	546	544	556	567
W. N. Central .....	265	260	281	257	265	267	301	260	266	270	305	268	266	273	277
S. Atlantic .....	787	827	918	795	793	852	965	804	792	846	963	819	832	854	855
E. S. Central .....	216	224	253	209	222	230	274	214	216	230	268	220	226	235	234
W. S. Central .....	426	463	546	442	441	481	577	461	436	488	567	463	469	490	489
Mountain .....	236	249	281	241	234	251	284	244	239	258	292	251	252	253	260
Pacific contiguous .....	432	445	490	449	418	424	476	438	428	437	489	444	454	439	450
AK and HI .....	17	17	17	17	17	16	17	17	17	17	17	18	17	17	17
Total .....	3,510	3,559	3,960	3,467	3,500	3,616	4,149	3,512	3,530	3,665	4,156	3,588	3,625	3,696	3,736
<b>Industrial Sector</b>															
New England .....	77	75	79	76	76	78	83	77	76	78	81	77	77	78	78
Middle Atlantic .....	177	175	184	174	178	186	192	180	183	186	193	181	178	184	186
E. N. Central .....	443	434	456	459	468	486	490	483	490	495	502	481	448	482	492
W. N. Central .....	204	201	215	214	218	231	241	231	227	233	246	236	208	230	236
S. Atlantic .....	348	358	375	359	357	392	401	362	370	388	394	368	360	378	380
E. S. Central .....	309	298	311	329	335	333	332	348	349	346	346	353	312	337	349
W. S. Central .....	375	385	409	385	389	427	456	410	414	436	447	411	389	421	427
Mountain .....	196	207	226	203	197	210	233	208	202	220	235	208	208	212	216
Pacific contiguous .....	211	221	240	220	212	227	246	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	14
Total .....	2,353	2,367	2,510	2,432	2,443	2,584	2,688	2,534	2,544	2,626	2,704	2,551	2,416	2,563	2,607
<b>Total All Sectors (a)</b>															
New England .....	350	303	344	316	343	315	371	322	350	320	365	329	328	338	341
Middle Atlantic .....	1,039	913	1,050	931	1,026	957	1,152	958	1,048	960	1,135	977	983	1,023	1,030
E. N. Central .....	1,570	1,405	1,539	1,460	1,592	1,483	1,742	1,497	1,614	1,509	1,711	1,526	1,493	1,579	1,590
W. N. Central .....	786	702	786	733	818	747	891	755	809	758	891	777	752	803	809
S. Atlantic .....	2,132	2,026	2,398	2,012	2,282	2,123	2,600	2,028	2,157	2,103	2,541	2,076	2,142	2,258	2,220
E. S. Central .....	880	797	934	820	964	856	1,037	849	919	862	1,020	868	858	927	917
W. S. Central .....	1,301	1,342	1,672	1,278	1,423	1,419	1,802	1,336	1,361	1,440	1,759	1,351	1,399	1,496	1,478
Mountain .....	672	686	831	674	675	688	842	678	683	712	856	688	716	721	735
Pacific contiguous .....	1,087	1,021	1,142	1,067	1,057	995	1,114	1,051	1,087	1,020	1,151	1,051	1,079	1,055	1,077
AK and HI .....	45	44	45	46	45	43	44	46	46	44	45	46	45	45	45
Total .....	9,862	9,239	10,741	9,337	10,224	9,626	11,595	9,520	10,073	9,728	11,474	9,688	9,796	10,243	10,243

- = 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 - December 2010

	2009				2010				2011				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2009	2010	2011
<b>Residential Sector</b>															
New England .....	17.89	18.06	17.26	16.81	16.53	16.64	16.43	16.66	16.82	17.15	17.10	17.08	17.50	16.56	17.03
Middle Atlantic .....	14.09	15.06	16.08	14.73	14.82	16.14	16.65	15.42	14.67	15.99	17.06	15.66	14.99	15.79	15.87
E. N. Central .....	10.39	11.32	11.28	10.71	10.39	11.77	11.70	10.87	10.45	11.58	11.65	11.10	10.90	11.18	11.19
W. N. Central .....	8.25	9.53	9.97	8.61	8.21	9.95	10.47	8.95	8.44	9.83	10.25	9.02	9.07	9.40	9.40
S. Atlantic .....	10.93	11.37	11.53	11.15	10.38	11.23	11.32	10.87	10.26	11.01	11.36	10.96	11.25	10.95	10.92
E. S. Central .....	9.51	9.83	9.65	9.16	8.72	9.80	9.91	9.71	9.17	10.01	9.99	9.92	9.54	9.51	9.77
W. S. Central .....	11.45	11.54	11.27	10.77	10.53	11.24	11.02	10.62	10.34	11.19	11.47	11.03	11.27	10.86	11.06
Mountain .....	9.35	10.29	10.88	9.98	9.72	10.84	11.23	10.30	9.73	10.80	11.18	10.33	10.19	10.58	10.57
Pacific .....	11.52	12.26	13.74	12.00	12.06	12.47	13.41	12.28	11.77	12.59	13.91	12.26	12.38	12.55	12.63
U.S. Average .....	11.15	11.74	11.96	11.29	10.86	11.88	11.99	11.42	10.92	11.82	12.18	11.59	11.55	11.54	11.65
<b>Commercial Sector</b>															
New England .....	16.72	16.14	15.97	15.61	15.21	14.60	15.29	15.25	15.34	15.37	15.76	15.35	16.11	15.10	15.46
Middle Atlantic .....	13.11	13.26	14.30	13.08	13.21	14.00	14.59	13.06	12.73	13.65	14.94	13.46	13.46	13.75	13.74
E. N. Central .....	8.93	9.01	9.14	8.78	8.88	9.16	9.21	9.04	8.76	9.09	9.26	9.04	8.97	9.08	9.04
W. N. Central .....	6.89	7.55	8.05	6.99	7.06	7.88	8.54	7.30	7.09	7.89	8.39	7.30	7.38	7.73	7.70
S. Atlantic .....	9.75	9.59	9.56	9.53	9.10	9.30	9.39	9.47	9.13	9.28	9.56	9.52	9.61	9.32	9.38
E. S. Central .....	9.50	9.26	9.21	8.84	8.80	9.27	9.48	9.54	9.30	9.59	9.66	9.70	9.21	9.29	9.57
W. S. Central .....	9.52	9.13	8.99	8.81	9.10	8.95	8.90	9.01	8.69	8.86	9.20	8.97	9.10	8.98	8.95
Mountain .....	7.97	8.62	9.07	8.48	8.25	9.09	9.31	8.67	8.30	8.94	9.15	8.74	8.56	8.86	8.81
Pacific .....	10.75	12.04	13.61	11.17	10.82	11.99	14.11	11.74	11.09	12.39	13.93	11.85	11.95	12.23	12.37
U.S. Average .....	10.09	10.20	10.58	9.92	9.83	10.22	10.65	10.11	9.79	10.24	10.78	10.19	10.21	10.22	10.28
<b>Industrial Sector</b>															
New England .....	12.25	12.10	12.18	12.05	12.38	12.89	12.79	12.91	12.44	12.37	12.67	12.76	12.15	12.75	12.56
Middle Atlantic .....	8.19	8.48	8.30	7.91	8.48	8.44	8.71	8.16	7.97	8.23	8.64	8.15	8.22	8.45	8.25
E. N. Central .....	6.66	6.79	6.77	6.34	6.22	6.45	6.71	6.14	6.24	6.44	6.80	6.31	6.64	6.38	6.45
W. N. Central .....	5.50	5.78	6.22	5.35	5.43	5.74	6.45	5.51	5.40	5.82	6.44	5.51	5.72	5.80	5.80
S. Atlantic .....	6.64	6.69	6.73	6.51	6.36	6.48	6.92	6.66	6.20	6.38	6.77	6.57	6.64	6.61	6.48
E. S. Central .....	5.97	6.01	5.97	5.45	5.29	5.82	6.30	5.92	5.37	5.84	6.09	5.76	5.84	5.84	5.77
W. S. Central .....	7.07	6.41	6.08	5.96	6.22	6.13	6.29	6.14	5.97	6.12	6.20	6.13	6.37	6.20	6.11
Mountain .....	5.60	6.01	6.81	5.76	5.68	6.15	6.84	6.05	5.72	6.12	6.82	6.02	6.07	6.21	6.19
Pacific .....	7.23	7.93	9.00	7.82	7.41	7.79	8.78	7.94	7.35	7.86	8.90	8.09	8.03	8.01	8.08
U.S. Average .....	6.85	6.91	7.07	6.55	6.53	6.76	7.20	6.71	6.43	6.72	7.15	6.71	6.84	6.81	6.76
<b>All Sectors (a)</b>															
New England .....	16.17	15.79	15.55	15.17	15.10	14.89	15.17	15.20	15.28	15.26	15.57	15.38	15.68	15.09	15.38
Middle Atlantic .....	12.64	12.95	13.87	12.69	13.00	13.64	14.40	12.96	12.63	13.37	14.64	13.23	13.06	13.54	13.50
E. N. Central .....	8.82	9.04	9.15	8.64	8.64	9.07	9.42	8.70	8.59	8.97	9.37	8.85	8.91	8.97	8.95
W. N. Central .....	7.08	7.73	8.26	7.09	7.10	7.91	8.74	7.33	7.14	7.90	8.56	7.36	7.54	7.80	7.77
S. Atlantic .....	9.79	9.82	10.02	9.68	9.31	9.58	9.92	9.57	9.15	9.46	9.97	9.61	9.84	9.61	9.57
E. S. Central .....	8.27	8.24	8.30	7.59	7.55	8.11	8.64	8.11	7.75	8.22	8.58	8.17	8.11	8.12	8.20
W. S. Central .....	9.55	9.24	9.25	8.64	8.91	8.93	9.14	8.69	8.48	8.86	9.40	8.83	9.18	8.94	8.93
Mountain .....	7.77	8.39	9.16	8.17	8.03	8.77	9.37	8.41	8.04	8.68	9.29	8.45	8.42	8.69	8.66
Pacific .....	10.38	11.22	12.68	10.78	10.63	11.18	12.68	11.14	10.60	11.43	12.84	11.20	11.29	11.43	11.54
U.S. Average .....	9.75	9.91	10.31	9.54	9.47	9.88	10.40	9.68	9.39	9.84	10.49	9.79	9.89	9.88	9.90

- = 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 - December 2010

	2009				2010				2011				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2009	2010	2011
<b>Electric Power Sector (a)</b>															
Coal .....	<b>4.960</b>	<b>4.437</b>	<b>4.972</b>	<b>4.805</b>	<b>5.196</b>	<b>4.765</b>	<b>5.464</b>	<i>4.941</i>	<i>5.186</i>	<i>4.555</i>	<i>5.358</i>	<i>4.925</i>	<b>4.793</b>	<i>5.092</i>	<i>5.006</i>
Natural Gas .....	<b>1.968</b>	<b>2.157</b>	<b>3.052</b>	<b>2.029</b>	<b>2.014</b>	<b>2.312</b>	<b>3.322</b>	<i>2.145</i>	<i>2.020</i>	<i>2.281</i>	<i>3.289</i>	<i>2.183</i>	<b>2.304</b>	<i>2.451</i>	<i>2.446</i>
Other Gases .....	<b>0.008</b>	<b>0.008</b>	<b>0.010</b>	<b>0.009</b>	<b>0.009</b>	<b>0.009</b>	<b>0.008</b>	<i>0.008</i>	<i>0.009</i>	<i>0.009</i>	<i>0.010</i>	<i>0.009</i>	<b>0.009</b>	<i>0.008</i>	<i>0.009</i>
Petroleum .....	<b>0.130</b>	<b>0.093</b>	<b>0.099</b>	<b>0.071</b>	<b>0.095</b>	<b>0.096</b>	<b>0.112</b>	<i>0.084</i>	<i>0.104</i>	<i>0.086</i>	<i>0.105</i>	<i>0.091</i>	<b>0.098</b>	<i>0.097</i>	<i>0.096</i>
Residual Fuel Oil .....	<b>0.067</b>	<b>0.040</b>	<b>0.048</b>	<b>0.030</b>	<b>0.034</b>	<b>0.042</b>	<b>0.056</b>	<i>0.037</i>	<i>0.046</i>	<i>0.034</i>	<i>0.045</i>	<i>0.035</i>	<b>0.046</b>	<i>0.042</i>	<i>0.040</i>
Distillate Fuel Oil .....	<b>0.023</b>	<b>0.015</b>	<b>0.015</b>	<b>0.015</b>	<b>0.023</b>	<b>0.017</b>	<b>0.017</b>	<i>0.013</i>	<i>0.018</i>	<i>0.012</i>	<i>0.013</i>	<i>0.014</i>	<b>0.017</b>	<i>0.017</i>	<i>0.014</i>
Petroleum Coke .....	<b>0.035</b>	<b>0.034</b>	<b>0.034</b>	<b>0.023</b>	<b>0.035</b>	<b>0.035</b>	<b>0.036</b>	<i>0.031</i>	<i>0.035</i>	<i>0.037</i>	<i>0.044</i>	<i>0.039</i>	<b>0.031</b>	<i>0.034</i>	<i>0.039</i>
Other Petroleum .....	<b>0.006</b>	<b>0.003</b>	<b>0.003</b>	<b>0.003</b>	<b>0.003</b>	<b>0.002</b>	<b>0.003</b>	<i>0.003</i>	<i>0.005</i>	<i>0.003</i>	<i>0.004</i>	<i>0.003</i>	<b>0.004</b>	<i>0.003</i>	<i>0.004</i>
Nuclear .....	<b>2.284</b>	<b>2.138</b>	<b>2.292</b>	<b>2.041</b>	<b>2.249</b>	<b>2.116</b>	<b>2.314</b>	<i>2.159</i>	<i>2.258</i>	<i>2.185</i>	<i>2.324</i>	<i>2.155</i>	<b>2.188</b>	<i>2.210</i>	<i>2.230</i>
Pumped Storage Hydroelectric .....	<b>-0.012</b>	<b>-0.009</b>	<b>-0.015</b>	<b>-0.012</b>	<b>-0.008</b>	<b>-0.008</b>	<b>-0.015</b>	<i>-0.016</i>	<i>-0.015</i>	<i>-0.015</i>	<i>-0.018</i>	<i>-0.017</i>	<b>-0.012</b>	<i>-0.012</i>	<i>-0.016</i>
Other Fuels (b) .....	<b>0.019</b>	<b>0.020</b>	<b>0.020</b>	<b>0.019</b>	<b>0.018</b>	<b>0.021</b>	<b>0.021</b>	<i>0.020</i>	<i>0.018</i>	<i>0.019</i>	<i>0.021</i>	<i>0.019</i>	<b>0.019</b>	<i>0.020</i>	<i>0.019</i>
Renewables:															
Conventional Hydroelectric .....	<b>0.699</b>	<b>0.916</b>	<b>0.642</b>	<b>0.705</b>	<b>0.695</b>	<b>0.793</b>	<b>0.656</b>	<i>0.527</i>	<i>0.668</i>	<i>0.987</i>	<i>0.671</i>	<i>0.537</i>	<b>0.740</b>	<i>0.667</i>	<i>0.715</i>
Geothermal .....	<b>0.043</b>	<b>0.041</b>	<b>0.041</b>	<b>0.043</b>	<b>0.042</b>	<b>0.042</b>	<b>0.043</b>	<i>0.044</i>	<i>0.045</i>	<i>0.044</i>	<i>0.045</i>	<i>0.045</i>	<b>0.042</b>	<i>0.043</i>	<i>0.045</i>
Solar .....	<b>0.001</b>	<b>0.003</b>	<b>0.003</b>	<b>0.001</b>	<b>0.001</b>	<b>0.004</b>	<b>0.005</b>	<i>0.002</i>	<i>0.002</i>	<i>0.006</i>	<i>0.007</i>	<i>0.003</i>	<b>0.002</b>	<i>0.003</i>	<i>0.004</i>
Wind .....	<b>0.207</b>	<b>0.207</b>	<b>0.156</b>	<b>0.207</b>	<b>0.218</b>	<b>0.283</b>	<b>0.219</b>	<i>0.241</i>	<i>0.274</i>	<i>0.326</i>	<i>0.254</i>	<i>0.291</i>	<b>0.194</b>	<i>0.241</i>	<i>0.286</i>
Wood and Wood Waste .....	<b>0.030</b>	<b>0.027</b>	<b>0.031</b>	<b>0.029</b>	<b>0.031</b>	<b>0.028</b>	<b>0.032</b>	<i>0.031</i>	<i>0.032</i>	<i>0.029</i>	<i>0.034</i>	<i>0.032</i>	<b>0.029</b>	<i>0.031</i>	<i>0.032</i>
Other Renewables .....	<b>0.042</b>	<b>0.044</b>	<b>0.044</b>	<b>0.042</b>	<b>0.041</b>	<b>0.043</b>	<b>0.042</b>	<i>0.041</i>	<i>0.043</i>	<i>0.045</i>	<i>0.047</i>	<i>0.045</i>	<b>0.043</b>	<i>0.042</i>	<i>0.045</i>
Subtotal Electric Power Sector .....	<b>10.379</b>	<b>10.080</b>	<b>11.346</b>	<b>9.990</b>	<b>10.603</b>	<b>10.503</b>	<b>12.223</b>	<i>10.226</i>	<i>10.644</i>	<i>10.555</i>	<i>12.146</i>	<i>10.319</i>	<b>10.450</b>	<i>10.891</i>	<i>10.918</i>
<b>Commercial Sector (c)</b>															
Coal .....	<b>0.003</b>	<b>0.002</b>	<b>0.003</b>	<b>0.003</b>	<b>0.003</b>	<b>0.003</b>	<b>0.003</b>	<i>0.003</i>	<i>0.003</i>	<i>0.003</i>	<i>0.003</i>	<i>0.003</i>	<b>0.003</b>	<i>0.003</i>	<i>0.003</i>
Natural Gas .....	<b>0.011</b>	<b>0.011</b>	<b>0.011</b>	<b>0.011</b>	<b>0.011</b>	<b>0.011</b>	<b>0.013</b>	<i>0.011</i>	<i>0.012</i>	<i>0.011</i>	<i>0.013</i>	<i>0.012</i>	<b>0.011</b>	<i>0.012</i>	<i>0.012</i>
Petroleum .....	<b>0.001</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<i>0.000</i>	<i>0.000</i>	<i>0.000</i>	<i>0.000</i>	<i>0.000</i>	<b>0.000</b>	<i>0.000</i>	<i>0.000</i>
Other Fuels (b) .....	<b>0.002</b>	<i>0.002</i>	<i>0.002</i>	<i>0.002</i>	<i>0.002</i>	<i>0.002</i>	<b>0.002</b>	<i>0.002</i>	<i>0.002</i>						
Renewables (d) .....	<b>0.004</b>	<b>0.004</b>	<b>0.005</b>	<b>0.004</b>	<b>0.004</b>	<b>0.005</b>	<b>0.005</b>	<i>0.004</i>	<i>0.004</i>	<i>0.005</i>	<i>0.005</i>	<i>0.005</i>	<b>0.004</b>	<i>0.004</i>	<i>0.004</i>
Subtotal Commercial Sector .....	<b>0.021</b>	<b>0.021</b>	<b>0.021</b>	<b>0.020</b>	<b>0.020</b>	<b>0.021</b>	<b>0.024</b>	<i>0.021</i>	<i>0.022</i>	<i>0.021</i>	<i>0.024</i>	<i>0.022</i>	<b>0.021</b>	<i>0.022</i>	<i>0.022</i>
<b>Industrial Sector (c)</b>															
Coal .....	<b>0.039</b>	<b>0.037</b>	<b>0.039</b>	<b>0.036</b>	<b>0.051</b>	<b>0.046</b>	<b>0.052</b>	<i>0.041</i>	<i>0.039</i>	<i>0.037</i>	<i>0.040</i>	<i>0.039</i>	<b>0.038</b>	<i>0.047</i>	<i>0.039</i>
Natural Gas .....	<b>0.203</b>	<b>0.197</b>	<b>0.216</b>	<b>0.211</b>	<b>0.221</b>	<b>0.215</b>	<b>0.230</b>	<i>0.211</i>	<i>0.225</i>	<i>0.210</i>	<i>0.230</i>	<i>0.207</i>	<b>0.207</b>	<i>0.219</i>	<i>0.218</i>
Other Gases .....	<b>0.019</b>	<b>0.018</b>	<b>0.023</b>	<b>0.022</b>	<b>0.022</b>	<b>0.023</b>	<b>0.024</b>	<i>0.023</i>	<i>0.021</i>	<i>0.022</i>	<i>0.023</i>	<i>0.022</i>	<b>0.021</b>	<i>0.023</i>	<i>0.022</i>
Petroleum .....	<b>0.010</b>	<b>0.008</b>	<b>0.008</b>	<b>0.006</b>	<b>0.007</b>	<b>0.006</b>	<b>0.007</b>	<i>0.006</i>	<i>0.008</i>	<i>0.007</i>	<i>0.007</i>	<i>0.007</i>	<b>0.008</b>	<i>0.006</i>	<i>0.007</i>
Other Fuels (b) .....	<b>0.007</b>	<b>0.009</b>	<b>0.009</b>	<b>0.009</b>	<b>0.009</b>	<b>0.010</b>	<b>0.010</b>	<i>0.010</i>	<i>0.008</i>	<i>0.009</i>	<i>0.010</i>	<i>0.009</i>	<b>0.009</b>	<i>0.009</i>	<i>0.009</i>
Renewables:															
Conventional Hydroelectric .....	<b>0.005</b>	<b>0.006</b>	<b>0.004</b>	<b>0.005</b>	<b>0.006</b>	<b>0.005</b>	<b>0.003</b>	<i>0.005</i>	<i>0.005</i>	<i>0.005</i>	<i>0.003</i>	<i>0.005</i>	<b>0.005</b>	<i>0.005</i>	<i>0.004</i>
Wood and Wood Waste .....	<b>0.068</b>	<b>0.066</b>	<b>0.073</b>	<b>0.074</b>	<b>0.075</b>	<b>0.072</b>	<b>0.075</b>	<i>0.075</i>	<i>0.073</i>	<i>0.068</i>	<i>0.072</i>	<i>0.074</i>	<b>0.070</b>	<i>0.074</i>	<i>0.072</i>
Other Renewables (e) .....	<b>0.002</b>	<i>0.002</i>	<i>0.002</i>	<i>0.002</i>	<i>0.002</i>	<i>0.002</i>	<b>0.002</b>	<i>0.002</i>	<i>0.002</i>						
Subtotal Industrial Sector .....	<b>0.353</b>	<b>0.344</b>	<b>0.375</b>	<b>0.365</b>	<b>0.392</b>	<b>0.379</b>	<b>0.403</b>	<i>0.372</i>	<i>0.382</i>	<i>0.359</i>	<i>0.386</i>	<i>0.365</i>	<b>0.359</b>	<i>0.386</i>	<i>0.373</i>
<b>Total All Sectors</b> .....	<b>10.753</b>	<b>10.445</b>	<b>11.743</b>	<b>10.375</b>	<b>11.015</b>	<b>10.903</b>	<b>12.649</b>	<i>10.619</i>	<i>11.047</i>	<i>10.935</i>	<i>12.556</i>	<i>10.706</i>	<b>10.830</b>	<i>11.299</i>	<i>11.313</i>

- = no data available

(a) Electric utilities and independent power producers.

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

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

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

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

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

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

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

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

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

**Table 7e. U.S. Fuel Consumption for Electricity Generation by Sector**  
 Energy Information Administration/Short-Term Energy Outlook - December 2010

	2009				2010				2011				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2009	2010	2011
<b>Electric Power Sector (a)</b>															
Coal (mmst/d) .....	<b>2.63</b>	<b>2.37</b>	<b>2.66</b>	<b>2.57</b>	<b>2.73</b>	<b>2.52</b>	<b>2.91</b>	<i>2.65</i>	<i>2.78</i>	<i>2.45</i>	<i>2.90</i>	<i>2.66</i>	<b>2.56</b>	<i>2.70</i>	<i>2.70</i>
Natural Gas (bcf/d) .....	<b>15.05</b>	<b>16.99</b>	<b>24.19</b>	<b>15.61</b>	<b>15.47</b>	<b>18.34</b>	<b>26.71</b>	<i>16.47</i>	<i>15.40</i>	<i>17.96</i>	<i>26.06</i>	<i>16.72</i>	<b>17.98</b>	<i>19.27</i>	<i>19.06</i>
Petroleum (mmb/d) (b) .....	<b>0.23</b>	<b>0.17</b>	<b>0.18</b>	<b>0.13</b>	<b>0.17</b>	<b>0.17</b>	<b>0.20</b>	<i>0.15</i>	<i>0.19</i>	<i>0.16</i>	<i>0.19</i>	<i>0.17</i>	<b>0.18</b>	<i>0.18</i>	<i>0.18</i>
Residual Fuel Oil (mmb/d) .....	<b>0.11</b>	<b>0.07</b>	<b>0.08</b>	<b>0.05</b>	<b>0.06</b>	<b>0.07</b>	<b>0.10</b>	<i>0.06</i>	<i>0.08</i>	<i>0.06</i>	<i>0.07</i>	<i>0.06</i>	<b>0.08</b>	<i>0.07</i>	<i>0.07</i>
Distillate Fuel Oil (mmb/d) .....	<b>0.04</b>	<b>0.03</b>	<b>0.03</b>	<b>0.03</b>	<b>0.04</b>	<b>0.03</b>	<b>0.03</b>	<i>0.02</i>	<i>0.03</i>	<i>0.02</i>	<i>0.03</i>	<i>0.03</i>	<b>0.03</b>	<i>0.03</i>	<i>0.03</i>
Petroleum Coke (mmst/d) .....	<b>0.07</b>	<b>0.07</b>	<b>0.07</b>	<b>0.04</b>	<b>0.07</b>	<b>0.07</b>	<b>0.07</b>	<i>0.06</i>	<i>0.07</i>	<i>0.07</i>	<i>0.09</i>	<i>0.08</i>	<b>0.06</b>	<i>0.07</i>	<i>0.08</i>
Other Petroleum (mmb/d) .....	<b>0.01</b>	<b>0.01</b>	<b>0.01</b>	<b>0.01</b>	<b>0.01</b>	<b>0.00</b>	<b>0.01</b>	<i>0.01</i>	<i>0.01</i>	<i>0.00</i>	<i>0.01</i>	<i>0.01</i>	<b>0.01</b>	<i>0.01</i>	<i>0.01</i>
<b>Commercial Sector (c)</b>															
Coal (mmst/d) .....	<b>0.00</b>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<b>0.00</b>	<i>0.00</i>	<i>0.00</i>						
Natural Gas (bcf/d) .....	<b>0.09</b>	<b>0.09</b>	<b>0.09</b>	<b>0.09</b>	<b>0.09</b>	<b>0.09</b>	<b>0.10</b>	<i>0.09</i>	<i>0.09</i>	<i>0.09</i>	<i>0.10</i>	<i>0.09</i>	<b>0.09</b>	<i>0.09</i>	<i>0.09</i>
Petroleum (mmb/d) (b) .....	<b>0.00</b>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<b>0.00</b>	<i>0.00</i>	<i>0.00</i>						
<b>Industrial Sector (c)</b>															
Coal (mmst/d) .....	<b>0.01</b>	<b>0.01</b>	<b>0.01</b>	<b>0.01</b>	<b>0.02</b>	<b>0.02</b>	<b>0.02</b>	<i>0.02</i>	<i>0.02</i>	<i>0.01</i>	<i>0.02</i>	<i>0.02</i>	<b>0.01</b>	<i>0.02</i>	<i>0.02</i>
Natural Gas (bcf/d) .....	<b>1.37</b>	<b>1.33</b>	<b>1.47</b>	<b>1.44</b>	<b>1.50</b>	<b>1.45</b>	<b>1.57</b>	<i>1.48</i>	<i>1.59</i>	<i>1.51</i>	<i>1.65</i>	<i>1.49</i>	<b>1.40</b>	<i>1.50</i>	<i>1.56</i>
Petroleum (mmb/d) (b) .....	<b>0.01</b>	<i>0.01</i>	<i>0.01</i>	<i>0.01</i>	<i>0.01</i>	<i>0.01</i>	<b>0.01</b>	<i>0.01</i>	<i>0.01</i>						
<b>Total All Sectors</b>															
Coal (mmst/d) .....	<b>2.64</b>	<b>2.39</b>	<b>2.67</b>	<b>2.58</b>	<b>2.76</b>	<b>2.54</b>	<b>2.93</b>	<i>2.67</i>	<i>2.79</i>	<i>2.46</i>	<i>2.91</i>	<i>2.67</i>	<b>2.57</b>	<i>2.72</i>	<i>2.71</i>
Natural Gas (bcf/d) .....	<b>16.51</b>	<b>18.40</b>	<b>25.74</b>	<b>17.13</b>	<b>17.06</b>	<b>19.88</b>	<b>28.38</b>	<i>18.04</i>	<i>17.09</i>	<i>19.55</i>	<i>27.81</i>	<i>18.30</i>	<b>19.46</b>	<i>20.86</i>	<i>20.71</i>
Petroleum (mmb/d) (b) .....	<b>0.24</b>	<b>0.18</b>	<b>0.19</b>	<b>0.13</b>	<b>0.18</b>	<b>0.18</b>	<b>0.21</b>	<i>0.16</i>	<i>0.20</i>	<i>0.17</i>	<i>0.20</i>	<i>0.18</i>	<b>0.19</b>	<i>0.18</i>	<i>0.19</i>
<b>End-of-period Fuel Inventories Held by Electric Power Sector</b>															
Coal (mmst) .....	<b>174.3</b>	<b>195.9</b>	<b>197.2</b>	<b>190.0</b>	<b>175.4</b>	<b>180.2</b>	<b>162.7</b>	<i>168.1</i>	<i>170.6</i>	<i>180.3</i>	<i>166.7</i>	<i>171.0</i>	<b>190.0</b>	<i>168.1</i>	<i>171.0</i>
Residual Fuel Oil (mmb) .....	<b>21.1</b>	<b>21.0</b>	<b>19.2</b>	<b>18.8</b>	<b>18.5</b>	<b>17.3</b>	<b>16.6</b>	<i>17.8</i>	<i>17.9</i>	<i>18.2</i>	<i>15.8</i>	<i>16.5</i>	<b>18.8</b>	<i>17.8</i>	<i>16.5</i>
Distillate Fuel Oil (mmb) .....	<b>17.1</b>	<b>17.6</b>	<b>17.9</b>	<b>17.8</b>	<b>17.3</b>	<b>17.1</b>	<b>17.2</b>	<i>17.7</i>	<i>17.1</i>	<i>17.2</i>	<i>17.3</i>	<i>17.7</i>	<b>17.8</b>	<i>17.7</i>	<i>17.7</i>
Petroleum Coke (mmb) .....	<b>3.6</b>	<b>3.8</b>	<b>4.8</b>	<b>7.0</b>	<b>5.8</b>	<b>5.4</b>	<b>5.9</b>	<i>5.4</i>	<i>5.5</i>	<i>5.3</i>	<i>5.3</i>	<i>4.9</i>	<b>7.0</b>	<i>5.4</i>	<i>4.9</i>

- = no data available

(a) Electric utilities and independent power producers.

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

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

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

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

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

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

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

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

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

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

	2009				2010				2011				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2009	2010	2011
<b>Supply</b>															
Hydroelectric Power (a) .....	<b>0.625</b>	<b>0.827</b>	<b>0.585</b>	<b>0.644</b>	<b>0.622</b>	<b>0.716</b>	<b>0.597</b>	<i>0.482</i>	<i>0.597</i>	<i>0.890</i>	<i>0.611</i>	<i>0.491</i>	<b>2.682</b>	2.417	2.590
Geothermal .....	<b>0.094</b>	<b>0.091</b>	<b>0.093</b>	<b>0.096</b>	<b>0.093</b>	<b>0.094</b>	<b>0.096</b>	<i>0.098</i>	<i>0.099</i>	<i>0.097</i>	<i>0.100</i>	<i>0.100</i>	<b>0.373</b>	0.381	0.396
Solar .....	<b>0.026</b>	<b>0.028</b>	<b>0.028</b>	<b>0.026</b>	<b>0.026</b>	<b>0.029</b>	<b>0.030</b>	<i>0.027</i>	<i>0.027</i>	<i>0.030</i>	<i>0.031</i>	<i>0.028</i>	<b>0.109</b>	0.111	0.116
Wind .....	<b>0.184</b>	<b>0.185</b>	<b>0.141</b>	<b>0.187</b>	<b>0.194</b>	<b>0.254</b>	<b>0.199</b>	<i>0.219</i>	<i>0.243</i>	<i>0.292</i>	<i>0.230</i>	<i>0.264</i>	<b>0.697</b>	0.865	1.028
Wood .....	<b>0.458</b>	<b>0.452</b>	<b>0.490</b>	<b>0.490</b>	<b>0.478</b>	<b>0.478</b>	<b>0.496</b>	<i>0.495</i>	<i>0.482</i>	<i>0.461</i>	<i>0.488</i>	<i>0.493</i>	<b>1.891</b>	1.947	1.923
Ethanol (b) .....	<b>0.206</b>	<b>0.219</b>	<b>0.243</b>	<b>0.259</b>	<b>0.267</b>	<b>0.274</b>	<b>0.284</b>	<i>0.289</i>	<i>0.284</i>	<i>0.287</i>	<i>0.291</i>	<i>0.289</i>	<b>0.928</b>	1.113	1.151
Biodiesel (b) .....	<b>0.013</b>	<b>0.011</b>	<b>0.017</b>	<b>0.023</b>	<b>0.013</b>	<b>0.011</b>	<b>0.012</b>	<i>0.020</i>	<i>0.021</i>	<i>0.023</i>	<i>0.025</i>	<i>0.026</i>	<b>0.065</b>	0.055	0.095
Other Renewables .....	<b>0.112</b>	<b>0.111</b>	<b>0.113</b>	<b>0.111</b>	<b>0.107</b>	<b>0.111</b>	<b>0.112</b>	<i>0.110</i>	<i>0.104</i>	<i>0.113</i>	<i>0.117</i>	<i>0.114</i>	<b>0.447</b>	0.440	0.449
Total .....	<b>1.718</b>	<b>1.925</b>	<b>1.711</b>	<b>1.837</b>	<b>1.799</b>	<b>1.965</b>	<b>1.820</b>	<i>1.738</i>	<i>1.857</i>	<i>2.194</i>	<i>1.894</i>	<i>1.804</i>	<b>7.191</b>	7.322	7.749
<b>Consumption</b>															
<b>Electric Power Sector</b>															
Hydroelectric Power (a) .....	<b>0.620</b>	<b>0.822</b>	<b>0.582</b>	<b>0.639</b>	<b>0.617</b>	<b>0.711</b>	<b>0.594</b>	<i>0.478</i>	<i>0.592</i>	<i>0.885</i>	<i>0.609</i>	<i>0.487</i>	<b>2.663</b>	2.399	2.573
Geothermal .....	<b>0.081</b>	<b>0.078</b>	<b>0.079</b>	<b>0.082</b>	<b>0.079</b>	<b>0.080</b>	<b>0.083</b>	<i>0.085</i>	<i>0.085</i>	<i>0.084</i>	<i>0.087</i>	<i>0.086</i>	<b>0.320</b>	0.327	0.342
Solar .....	<b>0.001</b>	<b>0.003</b>	<b>0.003</b>	<b>0.001</b>	<b>0.001</b>	<b>0.004</b>	<b>0.004</b>	<i>0.002</i>	<i>0.002</i>	<i>0.005</i>	<i>0.006</i>	<i>0.002</i>	<b>0.008</b>	0.010	0.015
Wind .....	<b>0.184</b>	<b>0.185</b>	<b>0.141</b>	<b>0.187</b>	<b>0.194</b>	<b>0.254</b>	<b>0.199</b>	<i>0.219</i>	<i>0.243</i>	<i>0.292</i>	<i>0.230</i>	<i>0.264</i>	<b>0.697</b>	0.865	1.028
Wood .....	<b>0.044</b>	<b>0.040</b>	<b>0.045</b>	<b>0.044</b>	<b>0.047</b>	<b>0.042</b>	<b>0.048</b>	<i>0.047</i>	<i>0.048</i>	<i>0.043</i>	<i>0.051</i>	<i>0.048</i>	<b>0.173</b>	0.183	0.190
Other Renewables .....	<b>0.063</b>	<b>0.064</b>	<b>0.064</b>	<b>0.062</b>	<b>0.060</b>	<b>0.062</b>	<b>0.062</b>	<i>0.061</i>	<i>0.061</i>	<i>0.065</i>	<i>0.069</i>	<i>0.066</i>	<b>0.253</b>	0.245	0.261
Subtotal .....	<b>0.992</b>	<b>1.191</b>	<b>0.914</b>	<b>1.017</b>	<b>0.997</b>	<b>1.153</b>	<b>0.983</b>	<i>0.890</i>	<i>1.031</i>	<i>1.374</i>	<i>1.051</i>	<i>0.954</i>	<b>4.113</b>	4.023	4.410
<b>Industrial Sector</b>															
Hydroelectric Power (a) .....	<b>0.005</b>	<b>0.005</b>	<b>0.004</b>	<b>0.004</b>	<b>0.005</b>	<b>0.005</b>	<b>0.003</b>	<i>0.004</i>	<i>0.005</i>	<i>0.004</i>	<i>0.003</i>	<i>0.004</i>	<b>0.018</b>	0.017	0.016
Geothermal .....	<b>0.001</b>	<i>0.001</i>	<i>0.001</i>	<i>0.001</i>	<i>0.001</i>	<i>0.001</i>	<b>0.004</b>	0.004	0.004						
Wood and Wood Waste .....	<b>0.291</b>	<b>0.287</b>	<b>0.319</b>	<b>0.320</b>	<b>0.308</b>	<b>0.311</b>	<b>0.320</b>	<i>0.324</i>	<i>0.307</i>	<i>0.291</i>	<i>0.310</i>	<i>0.318</i>	<b>1.217</b>	1.262	1.226
Other Renewables .....	<b>0.040</b>	<b>0.040</b>	<b>0.040</b>	<b>0.040</b>	<b>0.039</b>	<b>0.040</b>	<b>0.042</b>	<i>0.040</i>	<i>0.035</i>	<i>0.039</i>	<i>0.040</i>	<i>0.039</i>	<b>0.160</b>	0.161	0.153
Subtotal .....	<b>0.340</b>	<b>0.337</b>	<b>0.367</b>	<b>0.369</b>	<b>0.357</b>	<b>0.361</b>	<b>0.370</b>	<i>0.374</i>	<i>0.352</i>	<i>0.339</i>	<i>0.358</i>	<i>0.367</i>	<b>1.413</b>	1.461	1.416
<b>Commercial Sector</b>															
Hydroelectric Power (a) .....	<b>0.000</b>	<i>0.000</i>	<i>0.000</i>	<i>0.000</i>	<i>0.000</i>	<i>0.000</i>	<b>0.001</b>	0.001	0.001						
Geothermal .....	<b>0.004</b>	<i>0.004</i>	<i>0.004</i>	<i>0.004</i>	<i>0.004</i>	<i>0.004</i>	<b>0.017</b>	0.017	0.017						
Wood and Wood Waste .....	<b>0.018</b>	<i>0.017</i>	<i>0.019</i>	<i>0.019</i>	<i>0.020</i>	<i>0.018</i>	<b>0.072</b>	0.071	0.076						
Other Renewables .....	<b>0.009</b>	<b>0.008</b>	<b>0.008</b>	<b>0.008</b>	<b>0.008</b>	<b>0.009</b>	<b>0.009</b>	<i>0.009</i>	<i>0.008</i>	<i>0.009</i>	<i>0.009</i>	<i>0.009</i>	<b>0.034</b>	0.035	0.035
Subtotal .....	<b>0.032</b>	<b>0.031</b>	<b>0.031</b>	<b>0.031</b>	<b>0.031</b>	<b>0.032</b>	<b>0.032</b>	<i>0.031</i>	<i>0.032</i>	<i>0.033</i>	<i>0.034</i>	<i>0.032</i>	<b>0.126</b>	0.126	0.131
<b>Residential Sector</b>															
Geothermal .....	<b>0.008</b>	<i>0.008</i>	<i>0.008</i>	<i>0.008</i>	<i>0.008</i>	<i>0.008</i>	<b>0.033</b>	0.033	0.033						
Biomass .....	<b>0.106</b>	<b>0.107</b>	<b>0.108</b>	<b>0.108</b>	<b>0.106</b>	<b>0.107</b>	<b>0.109</b>	<i>0.108</i>	<i>0.108</i>	<i>0.108</i>	<i>0.108</i>	<i>0.108</i>	<b>0.430</b>	0.430	0.431
Solar .....	<b>0.025</b>	<i>0.025</i>	<i>0.025</i>	<i>0.025</i>	<i>0.025</i>	<i>0.025</i>	<b>0.101</b>	0.101	0.101						
Subtotal .....	<b>0.139</b>	<b>0.140</b>	<b>0.142</b>	<b>0.142</b>	<b>0.139</b>	<b>0.140</b>	<b>0.143</b>	<i>0.141</i>	<i>0.141</i>	<i>0.141</i>	<i>0.141</i>	<i>0.141</i>	<b>0.563</b>	0.563	0.565
<b>Transportation Sector</b>															
Ethanol (b) .....	<b>0.201</b>	<b>0.233</b>	<b>0.247</b>	<b>0.256</b>	<b>0.256</b>	<b>0.278</b>	<b>0.288</b>	<i>0.289</i>	<i>0.279</i>	<i>0.290</i>	<i>0.291</i>	<i>0.289</i>	<b>0.936</b>	1.111	1.149
Biodiesel (b) .....	<b>0.005</b>	<b>0.010</b>	<b>0.015</b>	<b>0.019</b>	<b>0.012</b>	<b>0.010</b>	<b>0.011</b>	<i>0.018</i>	<i>0.019</i>	<i>0.021</i>	<i>0.023</i>	<i>0.024</i>	<b>0.047</b>	0.051	0.087
Total Consumption .....	<b>1.704</b>	<b>1.937</b>	<b>1.712</b>	<b>1.830</b>	<b>1.788</b>	<b>1.969</b>	<b>1.823</b>	<i>1.737</i>	<i>1.851</i>	<i>2.194</i>	<i>1.892</i>	<i>1.802</i>	<b>7.183</b>	7.317	7.739

- = 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<sub>2</sub> Emissions**  
 Energy Information Administration/Short-Term Energy Outlook - December 2010

	2009				2010				2011				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2009	2010	2011
<b>Macroeconomic</b>															
Real Gross Domestic Product															
(billion chained 2005 dollars - SAAR) .....	<b>12,833</b>	<b>12,810</b>	<b>12,861</b>	<b>13,019</b>	<b>13,139</b>	<b>13,195</b>	<b>13,261</b>	<i>13,340</i>	<i>13,404</i>	<i>13,464</i>	<i>13,540</i>	<i>13,647</i>	<b>12,881</b>	<i>13,234</i>	<i>13,514</i>
Real Disposable Personal Income															
(billion chained 2005 Dollars - SAAR) .....	<b>10,047</b>	<b>10,193</b>	<b>10,080</b>	<b>10,080</b>	<b>10,113</b>	<b>10,224</b>	<b>10,237</b>	<i>10,258</i>	<i>10,253</i>	<i>10,298</i>	<i>10,334</i>	<i>10,388</i>	<b>10,100</b>	<i>10,208</i>	<i>10,318</i>
Real Fixed Investment															
(billion chained 2005 dollars-SAAR) .....	<b>1,663</b>	<b>1,620</b>	<b>1,622</b>	<b>1,617</b>	<b>1,631</b>	<b>1,703</b>	<b>1,706</b>	<i>1,714</i>	<i>1,729</i>	<i>1,760</i>	<i>1,795</i>	<i>1,839</i>	<b>1,631</b>	<i>1,688</i>	<i>1,781</i>
Business Inventory Change															
(billion chained 2005 dollars-SAAR) .....	<b>-30.99</b>	<b>-38.12</b>	<b>-32.62</b>	<b>-4.58</b>	<b>21.04</b>	<b>-3.40</b>	<b>23.91</b>	<i>21.09</i>	<i>17.71</i>	<i>16.21</i>	<i>15.51</i>	<i>12.21</i>	<b>-26.58</b>	<i>15.66</i>	<i>15.41</i>
Housing Stock															
(millions) .....	<b>123.5</b>	<b>123.5</b>	<b>123.5</b>	<b>123.5</b>	<b>123.5</b>	<b>123.6</b>	<b>123.6</b>	<i>123.6</i>	<i>123.6</i>	<i>123.6</i>	<i>123.6</i>	<i>123.6</i>	<b>123.5</b>	<i>123.6</i>	<i>123.6</i>
Non-Farm Employment															
(millions) .....	<b>132.8</b>	<b>131.1</b>	<b>130.1</b>	<b>129.6</b>	<b>129.7</b>	<b>130.4</b>	<b>130.3</b>	<i>130.6</i>	<i>130.8</i>	<i>131.2</i>	<i>131.6</i>	<i>132.2</i>	<b>130.9</b>	<i>130.2</i>	<i>131.5</i>
Commercial Employment															
(millions) .....	<b>88.9</b>	<b>87.9</b>	<b>87.5</b>	<b>87.4</b>	<b>87.6</b>	<b>87.9</b>	<b>88.1</b>	<i>88.5</i>	<i>88.8</i>	<i>89.2</i>	<i>89.6</i>	<i>90.1</i>	<b>87.9</b>	<i>88.0</i>	<i>89.4</i>
<b>Industrial Production Indices (Index, 2007=100)</b>															
Total Industrial Production .....	<b>88.2</b>	<b>85.9</b>	<b>87.6</b>	<b>89.1</b>	<b>90.6</b>	<b>92.2</b>	<b>93.3</b>	<i>93.4</i>	<i>93.9</i>	<i>94.4</i>	<i>95.2</i>	<i>96.0</i>	<b>87.7</b>	<i>92.4</i>	<i>94.9</i>
Manufacturing .....	<b>85.2</b>	<b>83.3</b>	<b>85.5</b>	<b>87.0</b>	<b>88.5</b>	<b>90.5</b>	<b>91.4</b>	<i>91.9</i>	<i>92.7</i>	<i>93.4</i>	<i>94.2</i>	<i>95.2</i>	<b>85.2</b>	<i>90.6</i>	<i>93.9</i>
Food .....	<b>96.2</b>	<b>97.1</b>	<b>97.7</b>	<b>99.4</b>	<b>100.9</b>	<b>102.2</b>	<b>104.3</b>	<i>105.1</i>	<i>105.4</i>	<i>105.7</i>	<i>106.1</i>	<i>106.6</i>	<b>97.6</b>	<i>103.1</i>	<i>106.0</i>
Paper .....	<b>84.8</b>	<b>83.4</b>	<b>85.8</b>	<b>86.8</b>	<b>88.3</b>	<b>88.9</b>	<b>88.9</b>	<i>89.1</i>	<i>89.3</i>	<i>89.5</i>	<i>89.8</i>	<i>90.5</i>	<b>85.2</b>	<i>88.8</i>	<i>89.8</i>
Chemicals .....	<b>88.5</b>	<b>89.9</b>	<b>91.7</b>	<b>93.4</b>	<b>94.6</b>	<b>93.4</b>	<b>92.7</b>	<i>93.4</i>	<i>93.8</i>	<i>94.1</i>	<i>94.6</i>	<i>95.3</i>	<b>90.9</b>	<i>93.5</i>	<i>94.4</i>
Petroleum .....	<b>93.3</b>	<b>94.8</b>	<b>95.3</b>	<b>93.6</b>	<b>91.9</b>	<b>97.5</b>	<b>98.4</b>	<i>98.5</i>	<i>98.5</i>	<i>98.5</i>	<i>98.6</i>	<i>98.8</i>	<b>94.2</b>	<i>96.6</i>	<i>98.6</i>
Stone, Clay, Glass .....	<b>74.7</b>	<b>73.4</b>	<b>75.5</b>	<b>72.3</b>	<b>71.9</b>	<b>75.4</b>	<b>76.3</b>	<i>75.5</i>	<i>75.4</i>	<i>75.7</i>	<i>76.4</i>	<i>77.6</i>	<b>74.0</b>	<i>74.8</i>	<i>76.3</i>
Primary Metals .....	<b>63.2</b>	<b>59.2</b>	<b>69.6</b>	<b>77.1</b>	<b>82.9</b>	<b>86.5</b>	<b>81.9</b>	<i>81.9</i>	<i>81.8</i>	<i>81.7</i>	<i>81.9</i>	<i>82.8</i>	<b>67.3</b>	<i>83.3</i>	<i>82.0</i>
Resins and Synthetic Products .....	<b>80.9</b>	<b>83.5</b>	<b>84.4</b>	<b>85.4</b>	<b>87.1</b>	<b>84.0</b>	<b>84.3</b>	<i>85.9</i>	<i>86.0</i>	<i>85.6</i>	<i>85.4</i>	<i>85.7</i>	<b>83.6</b>	<i>85.3</i>	<i>85.7</i>
Agricultural Chemicals .....	<b>78.2</b>	<b>86.4</b>	<b>86.0</b>	<b>90.6</b>	<b>95.1</b>	<b>89.4</b>	<b>85.9</b>	<i>87.4</i>	<i>88.6</i>	<i>89.5</i>	<i>90.1</i>	<i>90.6</i>	<b>85.3</b>	<i>89.5</i>	<i>89.7</i>
Natural Gas-weighted (a) .....	<b>81.5</b>	<b>82.9</b>	<b>85.4</b>	<b>87.1</b>	<b>88.9</b>	<b>89.9</b>	<b>89.5</b>	<i>90.1</i>	<i>90.3</i>	<i>90.4</i>	<i>90.5</i>	<i>91.1</i>	<b>84.2</b>	<i>89.6</i>	<i>90.6</i>
<b>Price Indexes</b>															
Consumer Price Index (all urban consumers)															
(index, 1982-1984=1.00) .....	<b>2.12</b>	<b>2.13</b>	<b>2.15</b>	<b>2.17</b>	<b>2.18</b>	<b>2.17</b>	<b>2.18</b>	<i>2.20</i>	<i>2.21</i>	<i>2.22</i>	<i>2.23</i>	<i>2.24</i>	<b>2.15</b>	<i>2.18</i>	<i>2.22</i>
Producer Price Index: All Commodities															
(index, 1982=1.00) .....	<b>1.72</b>	<b>1.70</b>	<b>1.71</b>	<b>1.79</b>	<b>1.85</b>	<b>1.82</b>	<b>1.82</b>	<i>1.86</i>	<i>1.87</i>	<i>1.87</i>	<i>1.88</i>	<i>1.90</i>	<b>1.73</b>	<i>1.84</i>	<i>1.88</i>
Producer Price Index: Petroleum															
(index, 1982=1.00) .....	<b>1.37</b>	<b>1.69</b>	<b>1.93</b>	<b>2.02</b>	<b>2.17</b>	<b>2.26</b>	<b>2.12</b>	<i>2.32</i>	<i>2.36</i>	<i>2.43</i>	<i>2.46</i>	<i>2.45</i>	<b>1.76</b>	<i>2.22</i>	<i>2.43</i>
GDP Implicit Price Deflator															
(index, 2005=100) .....	<b>109.5</b>	<b>109.6</b>	<b>109.8</b>	<b>109.7</b>	<b>110.0</b>	<b>110.5</b>	<b>111.1</b>	<i>111.1</i>	<i>111.7</i>	<i>111.9</i>	<i>112.3</i>	<i>112.7</i>	<b>109.6</b>	<i>110.7</i>	<i>112.2</i>
<b>Miscellaneous</b>															
Vehicle Miles Traveled (b)															
(million miles/day) .....	<b>7,718</b>	<b>8,505</b>	<b>8,423</b>	<b>7,999</b>	<b>7,662</b>	<b>8,567</b>	<b>8,535</b>	<i>8,058</i>	<i>7,790</i>	<i>8,599</i>	<i>8,568</i>	<i>8,109</i>	<b>8,163</b>	<i>8,208</i>	<i>8,268</i>
Air Travel Capacity															
(Available ton-miles/day, thousands) .....	<b>492</b>	<b>512</b>	<b>517</b>	<b>497</b>	<b>491</b>	<b>530</b>	<b>541</b>	<i>505</i>	<i>498</i>	<i>533</i>	<i>548</i>	<i>512</i>	<b>505</b>	<i>517</i>	<i>523</i>
Aircraft Utilization															
(Revenue ton-miles/day, thousands) .....	<b>275</b>	<b>305</b>	<b>318</b>	<b>303</b>	<b>293</b>	<b>330</b>	<b>336</b>	<i>309</i>	<i>298</i>	<i>331</i>	<i>344</i>	<i>313</i>	<b>300</b>	<i>317</i>	<i>322</i>
Airline Ticket Price Index															
(index, 1982-1984=100) .....	<b>252.7</b>	<b>249.8</b>	<b>260.6</b>	<b>268.8</b>	<b>266.4</b>	<b>282.0</b>	<b>282.2</b>	<i>277.3</i>	<i>276.7</i>	<i>294.9</i>	<i>310.7</i>	<i>294.8</i>	<b>258.0</b>	<i>277.0</i>	<i>294.3</i>
Raw Steel Production															
(million short tons per day) .....	<b>0.146</b>	<b>0.153</b>	<b>0.186</b>	<b>0.214</b>	<b>0.234</b>	<b>0.253</b>	<b>0.245</b>	<i>0.232</i>	<i>0.235</i>	<i>0.246</i>	<i>0.238</i>	<i>0.230</i>	<b>0.175</b>	<i>0.241</i>	<i>0.237</i>
<b>Carbon Dioxide (CO<sub>2</sub>) Emissions (million metric tons)</b>															
Petroleum .....	<b>585</b>	<b>575</b>	<b>577</b>	<b>582</b>	<b>569</b>	<b>586</b>	<b>593</b>	<i>590</i>	<i>581</i>	<i>588</i>	<i>595</i>	<i>595</i>	<b>2,319</b>	<i>2,337</i>	<i>2,359</i>
Natural Gas .....	<b>383</b>	<b>254</b>	<b>263</b>	<b>314</b>	<b>401</b>	<b>264</b>	<b>284</b>	<i>335</i>	<i>389</i>	<i>263</i>	<i>279</i>	<i>344</i>	<b>1,214</b>	<i>1,284</i>	<i>1,275</i>
Coal .....	<b>481</b>	<b>435</b>	<b>489</b>	<b>477</b>	<b>500</b>	<b>468</b>	<b>542</b>	<i>495</i>	<i>510</i>	<i>454</i>	<i>537</i>	<i>495</i>	<b>1,882</b>	<i>2,006</i>	<i>1,997</i>
Total Fossil Fuels .....	<b>1,449</b>	<b>1,264</b>	<b>1,330</b>	<b>1,372</b>	<b>1,470</b>	<b>1,317</b>	<b>1,419</b>	<i>1,420</i>	<i>1,480</i>	<i>1,304</i>	<i>1,411</i>	<i>1,434</i>	<b>5,416</b>	<i>5,627</i>	<i>5,630</i>

- = no data available

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

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

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

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

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

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

**Table 9b. U.S. Regional Macroeconomic Data**

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

	2009				2010				2011				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2009	2010	2011
<b>Real Gross State Product (Billion \$2005)</b>															
New England .....	619	619	622	630	636	638	643	647	650	652	655	660	623	641	654
Middle Atlantic .....	1,742	1,742	1,752	1,771	1,787	1,796	1,803	1,813	1,822	1,830	1,839	1,853	1,752	1,800	1,836
E. N. Central .....	1,563	1,558	1,562	1,581	1,592	1,601	1,608	1,617	1,624	1,628	1,635	1,648	1,566	1,605	1,634
W. N. Central .....	718	719	722	730	736	738	741	745	748	751	754	759	722	740	753
S. Atlantic .....	2,023	2,022	2,032	2,059	2,079	2,091	2,102	2,114	2,124	2,135	2,148	2,165	2,034	2,097	2,143
E. S. Central .....	525	524	526	531	536	538	540	544	546	548	551	555	526	540	550
W. S. Central .....	1,214	1,209	1,215	1,233	1,246	1,251	1,259	1,268	1,276	1,283	1,293	1,304	1,218	1,256	1,289
Mountain .....	724	721	723	732	738	739	741	746	749	753	757	764	725	741	756
Pacific .....	1,952	1,946	1,950	1,974	1,994	2,002	2,012	2,024	2,035	2,046	2,059	2,075	1,955	2,008	2,054
<b>Industrial Output, Manufacturing (Index, Year 2007=100)</b>															
New England .....	86.8	85.7	88.2	89.8	91.1	93.3	94.2	94.4	95.4	95.9	96.7	97.5	87.6	93.3	96.4
Middle Atlantic .....	85.9	84.5	86.7	88.2	89.2	91.0	91.8	92.6	93.3	93.8	94.6	95.5	86.3	91.2	94.3
E. N. Central .....	82.0	79.1	81.7	83.2	85.1	87.7	88.8	89.0	89.4	89.8	90.5	91.3	81.5	87.7	90.3
W. N. Central .....	88.0	85.7	87.9	89.9	91.7	94.1	95.3	95.9	96.7	97.3	98.0	98.9	87.9	94.2	97.7
S. Atlantic .....	83.5	82.0	83.8	84.9	85.9	87.5	88.1	88.6	89.2	89.7	90.4	91.3	83.6	87.5	90.2
E. S. Central .....	82.3	80.4	82.8	84.5	85.8	87.9	88.6	89.3	89.8	90.5	91.5	92.8	82.5	87.9	91.1
W. S. Central .....	88.8	86.9	88.8	90.6	92.2	94.9	95.9	96.5	97.5	98.2	99.3	100.7	88.7	94.9	98.9
Mountain .....	84.7	83.3	85.5	86.8	87.7	89.8	90.8	91.1	92.2	93.0	93.9	94.9	85.1	89.8	93.5
Pacific .....	86.8	85.4	87.5	88.8	90.8	92.1	92.9	93.4	94.8	95.7	96.8	98.0	87.1	92.3	96.3
<b>Real Personal Income (Billion \$2005)</b>															
New England .....	569	574	568	568	567	572	575	576	577	579	581	583	570	572	580
Middle Atlantic .....	1,505	1,535	1,518	1,520	1,523	1,536	1,539	1,540	1,543	1,550	1,556	1,564	1,520	1,535	1,553
E. N. Central .....	1,419	1,424	1,411	1,411	1,408	1,423	1,423	1,426	1,429	1,435	1,439	1,445	1,416	1,420	1,437
W. N. Central .....	651	649	644	644	645	652	656	658	659	661	663	665	647	653	662
S. Atlantic .....	1,882	1,892	1,870	1,868	1,878	1,896	1,899	1,902	1,908	1,915	1,924	1,936	1,878	1,894	1,921
E. S. Central .....	495	498	493	493	497	502	505	507	507	509	511	513	495	503	510
W. S. Central .....	1,118	1,113	1,103	1,101	1,112	1,127	1,136	1,142	1,147	1,153	1,160	1,168	1,109	1,129	1,157
Mountain .....	658	655	648	647	649	655	657	659	661	664	666	670	652	655	665
Pacific .....	1,721	1,720	1,701	1,699	1,713	1,728	1,728	1,733	1,738	1,748	1,756	1,767	1,710	1,725	1,752
<b>Households (Thousands)</b>															
New England .....	5,495	5,497	5,498	5,498	5,499	5,499	5,498	5,497	5,496	5,497	5,499	5,502	5,498	5,497	5,502
Middle Atlantic .....	15,210	15,220	15,221	15,221	15,219	15,212	15,202	15,188	15,179	15,173	15,173	15,174	15,221	15,188	15,174
E. N. Central .....	17,805	17,807	17,785	17,760	17,735	17,730	17,729	17,730	17,718	17,714	17,719	17,768	17,760	17,730	17,768
W. N. Central .....	8,042	8,043	8,051	8,057	8,062	8,064	8,067	8,070	8,075	8,083	8,095	8,108	8,057	8,070	8,108
S. Atlantic .....	22,172	22,167	22,190	22,218	22,251	22,287	22,325	22,364	22,407	22,458	22,518	22,577	22,218	22,364	22,577
E. S. Central .....	7,056	7,066	7,076	7,087	7,098	7,104	7,111	7,118	7,123	7,129	7,138	7,154	7,087	7,118	7,154
W. S. Central .....	12,692	12,738	12,774	12,807	12,839	12,868	12,901	12,935	12,974	13,014	13,059	13,103	12,807	12,935	13,103
Mountain .....	7,879	7,885	7,900	7,916	7,933	7,952	7,971	7,988	8,009	8,037	8,065	8,097	7,916	7,988	8,097
Pacific .....	16,889	16,899	16,912	16,928	16,948	16,968	16,987	17,004	17,028	17,058	17,091	17,126	16,928	17,004	17,126
<b>Total Non-farm Employment (Millions)</b>															
New England .....	6.9	6.8	6.7	6.7	6.7	6.8	6.8	6.8	6.8	6.8	6.8	6.9	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	18.2	18.1	18.0	18.2
E. N. Central .....	20.5	20.2	20.0	19.9	19.9	20.1	20.0	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	10.0	10.0	9.9	9.9	10.0
S. Atlantic .....	25.2	25.0	24.8	24.7	24.7	24.9	24.8	24.9	24.9	25.0	25.1	25.2	24.9	24.8	25.0
E. S. Central .....	7.5	7.4	7.3	7.3	7.3	7.4	7.3	7.3	7.4	7.4	7.4	7.4	7.4	7.3	7.4
W. S. Central .....	15.1	14.9	14.8	14.8	14.8	15.0	15.0	15.1	15.1	15.2	15.2	15.3	14.9	15.0	15.2
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	19.2	19.3	19.4	19.5	19.6	19.4	19.2	19.4

- = no data available

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

Regions refer to U.S. Census divisions.

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

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

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

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

**Table 9c. U.S. Regional Weather Data**

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

	2009				2010				2011				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2009	2010	2011
<b>Heating Degree-days</b>															
New England .....	3,379	861	188	2,219	2,937	688	135	2,196	3,218	930	188	2,252	6,646	5,956	6,588
Middle Atlantic .....	3,032	662	119	1,986	2,798	500	61	1,969	2,967	752	127	2,055	5,800	5,328	5,901
E. N. Central .....	3,337	764	157	2,283	3,189	539	134	2,204	3,219	799	156	2,300	6,542	6,065	6,474
W. N. Central .....	3,345	765	175	2,551	3,460	571	153	2,366	3,313	734	183	2,502	6,835	6,550	6,732
South Atlantic .....	1,588	215	20	1,056	1,788	158	6	1,013	1,501	247	25	1,058	2,880	2,966	2,831
E. S. Central .....	1,868	271	18	1,433	2,277	182	19	1,263	1,813	298	33	1,376	3,589	3,742	3,520
W. S. Central .....	1,087	112	9	1,004	1,588	101	6	788	1,129	103	9	895	2,212	2,483	2,136
Mountain .....	2,135	688	131	2,062	2,322	765	84	1,868	2,289	721	173	1,946	5,016	5,039	5,129
Pacific .....	1,429	491	52	1,177	1,329	674	71	1,181	1,453	565	107	1,145	3,150	3,255	3,270
U.S. Average .....	2,257	502	86	1,648	2,301	436	68	1,565	2,218	543	100	1,631	4,494	4,370	4,492
<b>Heating Degree-days, 30-year Normal (a)</b>															
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
<b>Cooling Degree-days</b>															
New England .....	0	35	328	0	0	139	549	5	0	69	348	0	363	693	417
Middle Atlantic .....	0	109	478	0	0	242	714	1	0	140	511	5	586	957	656
E. N. Central .....	1	190	355	0	0	268	693	4	1	197	502	8	546	965	708
W. N. Central .....	2	251	467	0	0	329	769	3	3	263	650	12	721	1,101	928
South Atlantic .....	85	630	1,080	229	37	782	1,310	190	113	569	1,081	209	2,025	2,320	1,972
E. S. Central .....	26	529	902	38	1	685	1,280	41	34	458	997	62	1,496	2,007	1,551
W. S. Central .....	97	865	1,461	146	20	953	1,586	204	95	792	1,420	175	2,569	2,763	2,482
Mountain .....	22	429	986	65	7	337	924	72	15	388	847	66	1,503	1,340	1,316
Pacific .....	9	181	663	31	2	79	548	55	7	151	514	41	884	684	713
U.S. Average .....	31	367	759	70	10	434	937	79	38	345	771	77	1,228	1,460	1,231
<b>Cooling Degree-days, 30-year Normal (a)</b>															
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.