



Independent Statistics & Analysis

U.S. Energy Information  
Administration



## Short-Term Energy Outlook

March 2011

March 8, 2011 Release

### Highlights

- West Texas Intermediate (WTI) and other crude oil spot prices have risen about \$15 per barrel since mid-February partly in response to the disruption of crude oil exports from Libya. Continuing unrest in Libya as well as other North African and Middle Eastern countries has led to the highest crude oil prices since 2008. As a result, EIA has raised its forecast for the average cost of crude oil to refiners to \$105 per barrel in 2011, \$14 higher than in the previous *Outlook*. However, EIA has raised its 2011 forecast for WTI by only \$9 per barrel to \$102 per barrel because of the projected continued price discount for this type of crude compared with other crudes. EIA projects a further small increase in crude oil prices in 2012, with the refiner acquisition cost for crude oil averaging \$106 per barrel and WTI averaging \$105 per barrel. EIA's forecast assumes U.S. real gross domestic product (GDP) grows 3.3 percent in 2011 and 2.8 percent in 2012, while world real GDP (weighted by oil consumption) grows by 3.8 percent and 3.7 percent in 2011 and 2012, respectively.
- The recent rapid increase in spot crude and gasoline prices has led to a significant rise in retail product prices. Motorists currently experiencing a jump in pump prices will likely see further increases from now through the spring since the recent increase in crude oil prices has not yet been fully passed through to gasoline prices. EIA expects the retail price of regular-grade motor gasoline to average \$3.56 per gallon in 2011, 77 cents per gallon higher than the 2010 average and about 40 cents above the projected price in the previous *Outlook*. EIA projects gasoline prices to average about \$3.70 per gallon during the peak driving season (April through September) with considerable regional and local variation. There is also significant uncertainty surrounding the forecast, with the current market prices of futures and options contracts for gasoline suggesting a 25-percent probability that the national monthly average retail price for regular gasoline could exceed \$4.00 per gallon during summer 2011. Rising crude oil prices are the primary reason for higher retail prices, but higher refining margins are also expected to be a contributing factor.

- EIA estimates that natural gas working inventories ended February 2011 at 1.7 trillion cubic feet (Tcf), slightly below the 2010 end-of-February level. Inventories are expected to remain relatively high through 2011. The projected Henry Hub natural gas spot price averages \$4.10 per million Btu (MMBtu) in 2011, \$0.29 per MMBtu lower than the 2010 average. EIA expects the natural gas market to begin to tighten in 2012, with the Henry Hub spot price increasing to an average of \$4.58 per MMBtu.

## Global Crude Oil and Liquid Fuels

***Crude Oil and Liquid Fuels Overview.*** EIA expects continued tightening of world oil markets over the next two years, particularly in light of the recent events in North Africa and the Middle East, the world's largest oil producing region. The current situation in Libya increases oil market uncertainty because, according to various reports, much of the country's 1.8-million bbl/d total liquids production has been shut in and it is unclear how long this situation will continue. The market remains concerned that the unrest in the region could continue to spread.

The forecast for total world oil consumption grows by an annual average of 1.6 million bbl/d through 2012. Supply from non-Organization of the Petroleum Exporting Countries (non-OPEC) countries grows about 0.2 million bbl/d this year, then falls slightly in 2012. Consequently, EIA expects that the market will rely on both inventories and significant increases in the production of crude oil and non-crude liquids in OPEC member countries to meet projected world demand growth. Onshore commercial oil inventories in the Organization for Economic Cooperation and Development (OECD) countries remained high in 2010, but floating oil storage fell sharply. EIA expects that OECD oil inventories will decline to the lower bound of the previous 5-year range by the end of 2012.

There are many reasons for market uncertainty that could push oil prices higher or lower than current expectations. Among the uncertainties are: the continued unrest in producing countries and its potential impact on supply; decisions by key OPEC member countries regarding their production response to the global recovery in oil demand and recent supply losses; the rate of economic recovery, both domestically and globally; fiscal issues facing national and sub-national governments; and China's efforts to address concerns regarding its growth and inflation rates.

***Global Crude Oil and Liquid Fuels Consumption.*** World crude oil and liquid fuels consumption grew by an estimated 2.4 million bbl/d in 2010 to 86.7 million bbl/d, the second largest annual increase in at least 30 years. This growth more than offset the reductions in demand during the prior two years and surpassed the 2007

consumption level of 86.3 million bbl/d. EIA expects that world liquid fuels consumption will grow by 1.5 million bbl/d in 2011 and by an additional 1.7 million bbl/d in 2012. Non-OECD countries will make up almost all of the growth in consumption over the next 2 years, with the largest demand increases coming from China, Brazil, and the Middle East. EIA expects that, among the OECD regions, only North America will show growth in oil consumption over the next two years, offsetting declines in OECD Europe and Asia.

***Non-OPEC Supply.*** EIA projects that non-OPEC crude oil and liquid fuels production will increase by 170,000 bbl/d in 2011, then decline slightly in 2012. Increases in non-OPEC oil production during 2011 will be concentrated in a few countries, particularly China and Brazil, where EIA expects annual average production growth of 140,000 and 170,000 bbl/d, respectively. In 2012, EIA expects Canadian production growth to average 170,000 bbl/d while China and Brazil grow by 140,000 and 110,000 bbl/d, respectively. Other non-OPEC production is expected to decline. EIA expects that Mexico's production will fall by about 220,000 bbl/d in 2011, followed by a further decline of 80,000 bbl/d in 2012. Similarly, production from the North Sea will fall by 210,000 bbl/d and 170,000 bbl/d in 2011 and 2012, respectively. EIA expects the former Soviet Union republics to increase production by 320,000 bbl/d in 2011, followed by a production decrease of 180,000 bbl/d in 2012 mainly driven by decreases in Russia, whose West Siberian fields are expected to decline significantly. Projected U.S. crude oil and liquid fuels production declines by 100,000 bbl/d in 2011 and by a further 160,000 bbl/d in 2012.

***OPEC Supply.*** EIA expects that lost crude oil production from Libya will be made up for by both drawdown of inventories and increases in production from other OPEC countries. Forecast OPEC crude oil and non-crude liquids production increase by 0.1 million bbl/d and by 0.7 million bbl/d in 2011, respectively. Continuing growth in global demand for oil and limited growth in supplies originating from non-OPEC countries contribute to an increase in OPEC crude oil production of 1.9 million bbl/d in 2012. EIA expects growth in OPEC non-crude liquids production to slow to 0.3 million bbl/d in 2012. EIA has revised its projected OPEC surplus capacity downward, compared with the last *Outlook*, as assumptions underlying these projections changed in light of the unrest in Libya. As a result, EIA projects that OPEC surplus capacity will fall from an average 4.4 million bbl/d in 2010 to 4.1 million bbl/d in 2011, followed by a further decline to 3.1 million bbl/d in 2012.

***OECD Petroleum Inventories.*** Onshore commercial oil inventories in the OECD countries remained high in 2010, but reports indicate that floating oil storage fell sharply. EIA expects that OECD onshore inventories will decline over the forecast period. Projected OECD stocks fall by about 111 million barrels in 2011, followed by

an additional 38 million barrel decline in 2012. Days of supply (total inventories divided by average daily consumption) drops from a relatively high 57 days at the end of 2010 to 55 days by the end of 2011, which is close to the middle of the previous 5-year range.

**Crude Oil Prices.** WTI crude oil spot prices averaged \$88.58 per barrel in February, slightly lower than the January average, while over the same time period the estimated average cost of all crude oil to U.S. refineries increased by about \$4.50 per barrel to \$92.50. Growing volumes of Canadian crude oil imported into the United States contributed to record-high storage levels at Cushing, Oklahoma, and a price discount for WTI compared with similar quality world crudes such as Brent crude oil. Projected WTI spot prices rise to an average of \$105 per barrel in December 2011 and remain at about that level through 2012.

Energy price forecasts are particularly uncertain ([Energy Price Volatility and Forecast Uncertainty](#)). WTI futures for May 2011 delivery over the 5-day period ending March 3 averaged \$101 per barrel and implied volatility averaged 36 percent. This makes the lower and upper limits of the 95-percent confidence interval \$79 per barrel and \$129 per barrel, respectively. Last year at this time, WTI for May 2010 delivery averaged \$80 per barrel with the limits of the 95-percent confidence interval at \$65 per barrel and \$99 per barrel. Based on WTI futures and options prices, the probability that the monthly average price of WTI crude oil will exceed \$110 per barrel in December 2011 is about 36 percent. Conversely, the probability that the monthly average December 2011 WTI price will fall below \$90 per barrel is about 34 percent.

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

**U.S. Liquid Fuels Consumption.** Total consumption of petroleum and non-petroleum liquid fuels increased by 380,000 bbl/d (2.0 percent) to 19.1 million bbl/d in 2010 ([U.S. Liquid Fuels Consumption Growth Chart](#)). The major sources of this consumption growth were distillate fuel oil (diesel fuel and heating oil), which grew by 160,000 bbl/d (4.5 percent), and motor gasoline, which increased by 40,000 bbl/d (0.4 percent). Projected total U.S. liquid fuels consumption increases by 130,000 bbl/d (0.7 percent) in 2011, and by a further 190,000 bbl/d (1.0 percent), to 19.5 million bbl/d, in 2012. As in 2010, motor gasoline and distillate fuel account for much of the growth in consumption.

**U.S. Liquid Fuels Supply and Imports.** Domestic crude oil production, which increased by 150,000 bbl/d in 2010 to 5.51 million bbl/d, declines by 110,000 bbl/d in 2011 and by a further 130,000 bbl/d in 2012 ([U.S. Crude Oil Production Chart](#)). The 2011 forecast includes production declines in Alaska of 60,000 bbl/d in 2011 and an

additional decline of 10,000 bbl/d in 2012 because of maturing Alaskan oil fields. EIA expects production from the Federal Gulf of Mexico (GOM) to fall by 240,000 bbl/d in 2011 and by a further 200,000 bbl/d in 2012. These production declines in Alaska and the GOM are partially offset by projected increases in lower-48 non-GOM production of 190,000 bbl/d and 70,000 bbl/d in 2011 and 2012, respectively.

Liquid fuel net imports, including both crude oil and refined products, fell from 57 percent of total U.S. consumption in 2008 to 49 percent in 2010, primarily because of the decline in consumption during the recession and rising domestic production. EIA forecasts that liquid fuel net imports will average 9.7 million bbl/d in 2011 and 10.0 million bbl/d in 2012, comprising 50 percent and 52 percent of total consumption, respectively.

EIA expects slow growth in fuel ethanol production over the next 2 years. Ethanol production increases by a projected 40,000 bbl/d, to 900,000 bbl/d in 2011, followed by an additional 10,000 bbl/d increase in 2012.

***U.S. Petroleum Product Prices.*** Projected regular-grade gasoline retail prices rise from a national average of \$2.78 per gallon in 2010 to \$3.56 per gallon in 2011 and \$3.57 per gallon in 2012, although there is considerable variation within and between regions. The forecast for on-highway diesel fuel retail prices, which averaged \$2.99 per gallon in 2010, averages \$3.81 per gallon and \$3.82 per gallon in 2011 and 2012, respectively.

The projected monthly average regular gasoline price peaks this year at \$3.75 per gallon in June. New York Harbor RBOB (reformulated gasoline blendstock for oxygenate blending) futures contracts for July 2011 delivery over the 5-day period ending March 3 averaged \$2.97 per gallon and implied volatility averaged 33 percent. The probability the RBOB futures price will exceed \$3.30 per gallon (consistent with a U.S. average regular gasoline retail price above \$4 per gallon) in July 2011 is about 25 percent.

## **Natural Gas**

***U.S. Natural Gas Consumption.*** EIA expects that total 2011 natural gas consumption will remain close to 2010 levels. Forecast residential and commercial consumption in 2011 should be lower than reported 2010 levels by 1.2 percent and 2.7 percent, respectively, reflecting changes to EIA's methodology for collecting and reporting natural gas consumption data (see [Changes in Natural Gas Monthly Consumption Data Collection and the Short-Term Energy Outlook](#)) that were implemented in the middle of 2010 to provide more accurate data on seasonal patterns of natural gas use. Industrial

consumption rises from 18.1 billion cubic feet per day (Bcf/d) in 2010 to 18.8 Bcf/d in 2011 as the natural-gas-weighted industrial production index increases 4.0 percent year-over-year.

Total consumption grows 1.0 percent in 2012, from 66.6 Bcf/d to 67.2 Bcf/d. Increases in natural gas consumption in the electric power sector and the industrial sector are partially offset by slight declines in residential and commercial consumption. EIA expects electric power sector and industrial sector consumption in 2012 to grow by 2.8 percent and 1.5 percent, respectively.

***U.S. Natural Gas Production and Imports.*** Total marketed natural gas production grew strongly throughout 2010 (4.4 percent), increasing from 59.7 Bcf/d in January to an estimated 63.8 Bcf/d in December. Year-over-year growth in 2011 slows considerably to just 0.8 percent as an increase of 1.0 Bcf/d in the lower-48 States is partially offset by a decline of 0.5 Bcf/d in the GOM.

The latest EIA data for monthly natural gas production in the [Natural Gas Monthly](#) show an increase in production in the lower-48 States in December 2010, continuing an increase from the previous month. However, modest declines are expected through 2011 because of a falling gas-directed drilling rig count in response to lower prices. The number of rigs drilling for natural gas, as reported by Baker Hughes Inc., increased from a low of 665 in July 2009 to 973 in April 2010. The natural gas rig count stayed relatively unchanged from April through October 2010. However, since October 2010 the rig count has fallen, dropping to 906 rigs as of February 25. The large price difference between petroleum liquids and natural gas on an energy-equivalent basis contributes to an expected shift towards drilling for liquids rather than for dry gas.

Increasing consumption in 2012, led by strong growth in the electric power sector, contributes to higher prices and to an economic incentive for producers to resume drilling. Total domestic natural gas production increases by 0.9 percent in 2012. Lower-48 production is expected to increase throughout 2012 from 55.0 Bcf/d in January to 57.4 Bcf/d in December. Federal GOM production remains flat in 2012.

EIA expects gross pipeline imports of 8.4 Bcf/d in 2011 and 8.2 Bcf/d in 2012, year-over-year decreases of 5.6 and 2.3 percent, respectively. Projected imports of liquefied natural gas (LNG) average 1.2 Bcf/d in 2011, a 3-percent decrease from 2010 levels. LNG imports in 2012 remain relatively flat. High domestic production combined with high inventories and low U.S. prices relative to European and Asian markets should continue to discourage LNG imports.



**U.S. Natural Gas Inventories.** On February 25, 2011, working natural gas in storage stood at 1,745 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 that about 1,549 Bcf of working natural gas will remain in storage, a downward revision of about 102 Bcf from last month's *Outlook*. Cold temperatures and production freeze-offs in February contributed to a larger-than-expected draw on inventories. EIA expects that inventories, though somewhat below their 2010 levels for the first half of the year, still will remain relatively robust. Slower growth in production and greater consumption contribute to lower inventories in the second half of 2012.

**U.S. Natural Gas Prices.** The Henry Hub spot price averaged \$4.09 per MMBtu in February 2011, \$0.40 per MMBtu less than the average spot price in January 2011 ([Henry Hub Natural Gas Price Chart](#)). EIA expects that the Henry Hub spot price will average \$4.10 per MMBtu in 2011, a drop of \$0.29 per MMBtu from the 2010 average. EIA expects the natural gas market to begin to tighten in 2012, with the Henry Hub spot price increasing to an average of \$4.58 per MMBtu.

Uncertainty over future natural gas prices is slightly lower this year compared with last year at this time. Natural gas futures for May 2011 delivery (for the 5-day period ending March 3) averaged \$3.98 per MMBtu, and the average implied volatility over the same period was 33 percent. This produced lower and upper bounds for the 95-percent confidence interval for May 2011 contracts of \$3.09 per MMBtu and \$5.11 per MMBtu, respectively. At this time last year, the natural gas May 2010 futures contract averaged \$4.77 per MMBtu and implied volatility averaged 39 percent. The corresponding lower and upper limits of the 95-percent confidence interval were \$3.57 per MMBtu and \$6.39 per MMBtu.

## Electricity

**U.S. Electricity Consumption.** EIA expects an increase of 0.5 percent in total U.S. consumption of electricity during 2011 ([U.S. Total Electricity Consumption Chart](#)). Retail sales of electricity to the residential sector this year will fall 1.7 percent in response to the assumed 16-percent decline in cooling degree-days compared to the hot summer of 2010. During 2012, total U.S. electricity consumption should grow by 2.0 percent. EIA projects that retail sales of electricity to the residential sector will grow by 1.8 percent in 2012, while electricity sales to the commercial and industrial sectors grow by 2.3 and 2.0 percent, respectively.

**U.S. Electricity Generation.** EIA projects that total generation by the electric power sector will increase slightly during 2011, rising by 24 gigawatthours per day (0.2

percent) ([U.S. Electric Power Sector Generation Growth Chart](#)). Preliminary estimates by EIA indicate that wind power capacity grew by at least 3,657 megawatts during 2010, which is the lowest capacity addition since 2006. Capacity is expected to grow at a similar pace this year, boosting wind generation by 43 gigawatthours per day (16 percent) during 2011. During 2012, EIA expects a 2.1-percent increase in total electric power sector generation, fueled primarily by increased coal and natural gas generation.

***U.S. Electricity Retail Prices.*** During 2010, retail prices for electricity distributed to the residential sector averaged 11.58 cents per kilowatthour, about the same level as in 2009. EIA expects residential prices to rise by 1.0 percent in 2011, followed by an increase of 0.5 percent in 2012 ([U.S. Residential Electricity Prices Chart](#)). The effect of lower generation fuel costs in 2011 should be more evident in retail prices for electricity distributed to the industrial sector, which EIA projects will fall 1.6 percent during 2011 and then rise 0.2 percent next year.

## Coal

***U.S. Coal Consumption.*** EIA estimates that coal consumption in the electric power sector grew by nearly 5 percent in 2010, primarily the result of higher electricity consumption during the hot summer. EIA projects that coal consumption in the electric power sector will increase only slightly in 2011, as slow growth in power demand and increases in generation from hydropower and wind power reduce the need for coal-fired generation. In 2012, coal consumption in the electric power sector grows by 2.6 percent ([U.S. Coal Consumption Growth Chart](#)).

***U.S. Coal Supply.*** Coal production in 2010 grew by only 1 percent despite the nearly 5-percent increase in total U.S. coal consumption. A drawdown in stocks, particularly in the electric power sector, met the demand increase ([U.S. Electric Power Sector Coal Stocks Chart](#)). EIA projects that coal production in 2011 will increase just slightly as total coal consumption shows little change ([U.S. Annual Coal Production Chart](#)). The projected increase in coal consumption in 2012 leads to a forecast 3.3-percent increase in coal production.

***U.S. Coal Trade.*** Strong global demand for coal, particularly metallurgical coal used to produce steel, resulted in sharp increases in U.S. coal exports in 2010. Metallurgical coal exports nearly doubled in the first three-quarters of 2010 compared with the same period of 2009, and metallurgical coal's share of total coal exports has grown from 52 percent in 2008 to 69 percent in 2010. Supply disruptions in several key coal exporting countries (Australia, Colombia, Indonesia, and South Africa) have greatly affected the amount of coal available on the world market. Consequently, EIA expects U.S. coal



exports to increase by 7.7 percent in 2011. In 2012, U.S. coal exports are forecast to fall back to more recent levels (about 80 million short tons) as supply from other major coal-exporting countries recovers.

***U.S. Coal Prices.*** Coal prices have been rising relatively steadily over the last 10 years, reflecting longer-term power sector coal contracts initiated during a period of high energy prices, rising transportation costs, and increased consumption. However, EIA expects that the power sector coal price will decline slightly in 2011 and 2012 as coal competes with natural gas for market share. The projected power sector delivered coal price, which averaged \$2.26 per MMBtu in 2010, averages \$2.23 per MMBtu and \$2.21 per MMBtu in 2011 and 2012, respectively.

### **U.S. Carbon Dioxide Emissions**

EIA estimates that fossil-fuel CO<sub>2</sub> emissions increased by 3.7 percent in 2010 ([U.S. Carbon Dioxide Emissions Growth Chart](#)). Coal- and natural gas-related CO<sub>2</sub> emissions rose as a result of increased usage of both fuels for electricity generation and higher consumption of natural gas in the industrial sector.

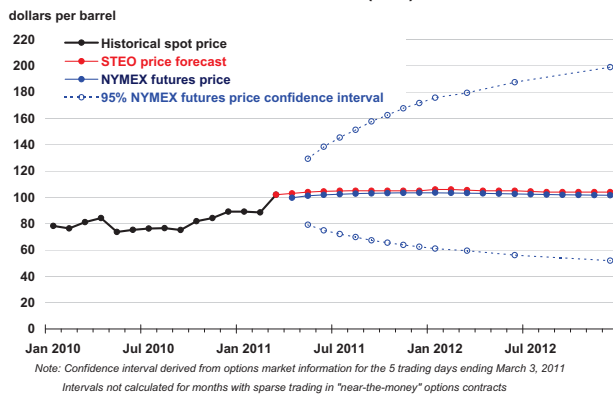
Forecast fossil-fuel CO<sub>2</sub> emissions remain relatively flat in 2011, as projected increases in consumption of petroleum, primarily in the transportation sector, and natural gas, primarily in the industrial sector, offset declines in natural gas consumption in both the residential and commercial sectors in 2011. The expected resumption of growth in electricity generation and the improvement in economic growth in 2012 contribute to a 1.8-percent increase in fossil-fuel CO<sub>2</sub> emissions.



# Short-Term Energy Outlook

## Chart Gallery for March 2011

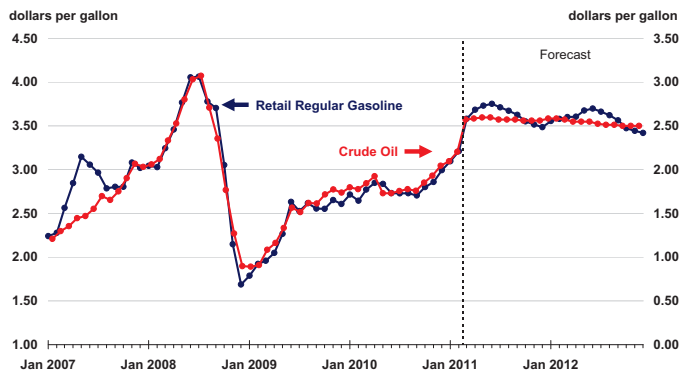
West Texas Intermediate (WTI) Crude Oil Price



Source: Short-Term Energy Outlook, March 2011



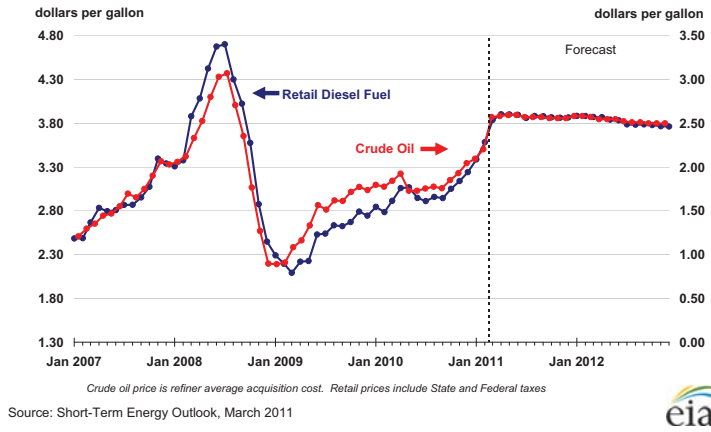
U.S. Gasoline and Crude Oil Prices



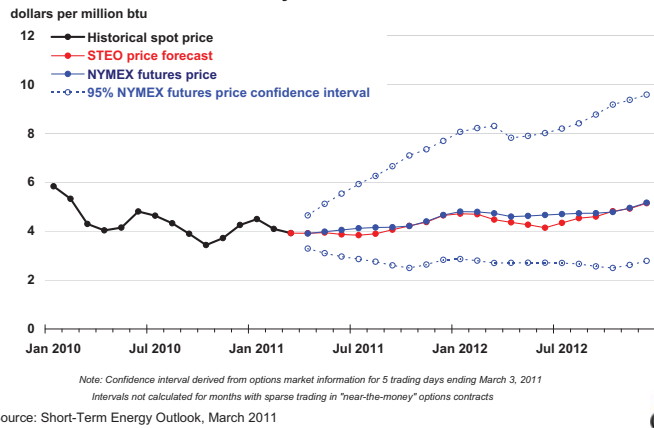
Source: Short-Term Energy Outlook, March 2011



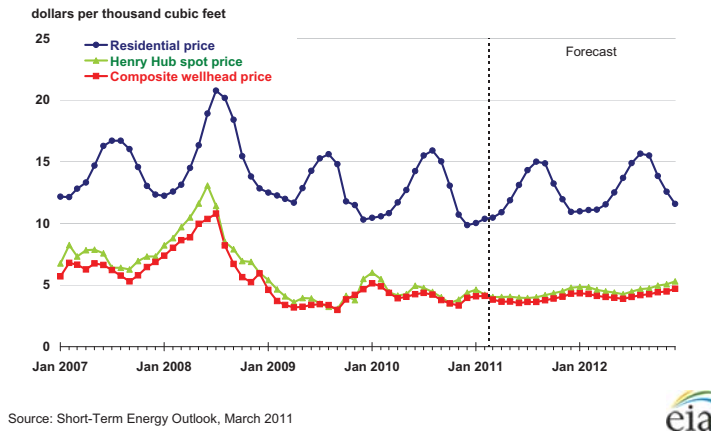
### U.S. Diesel Fuel and Crude Oil Prices

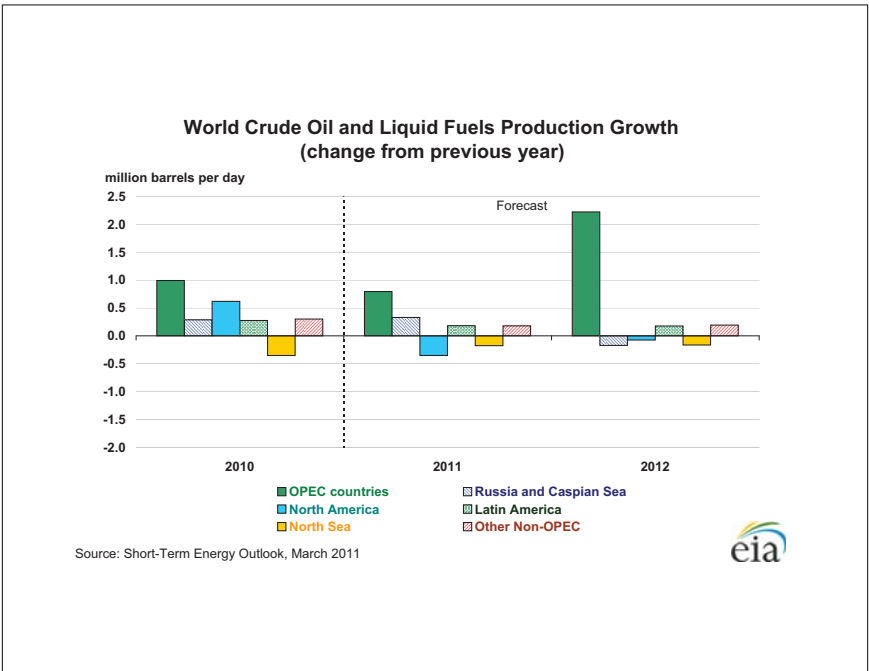
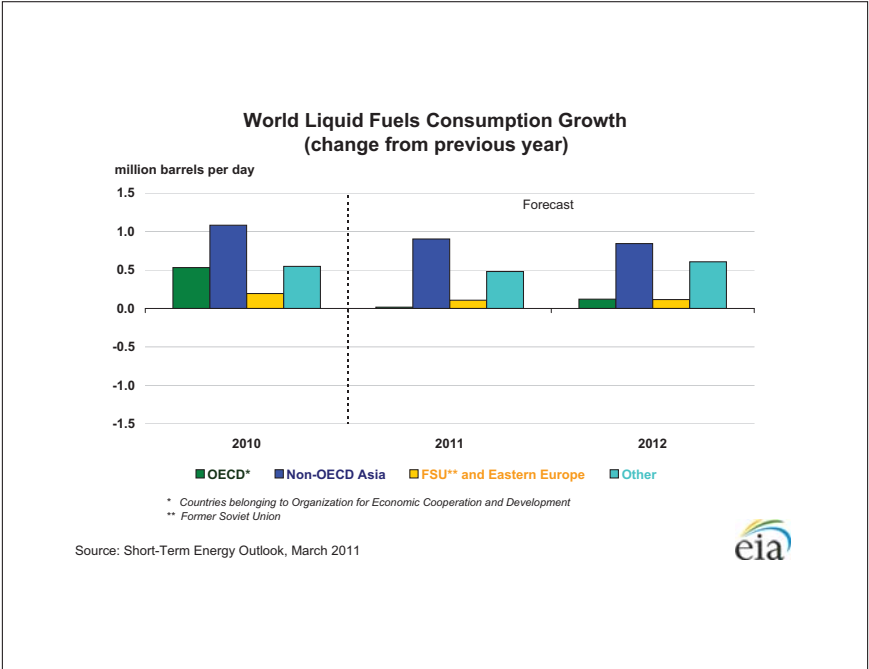
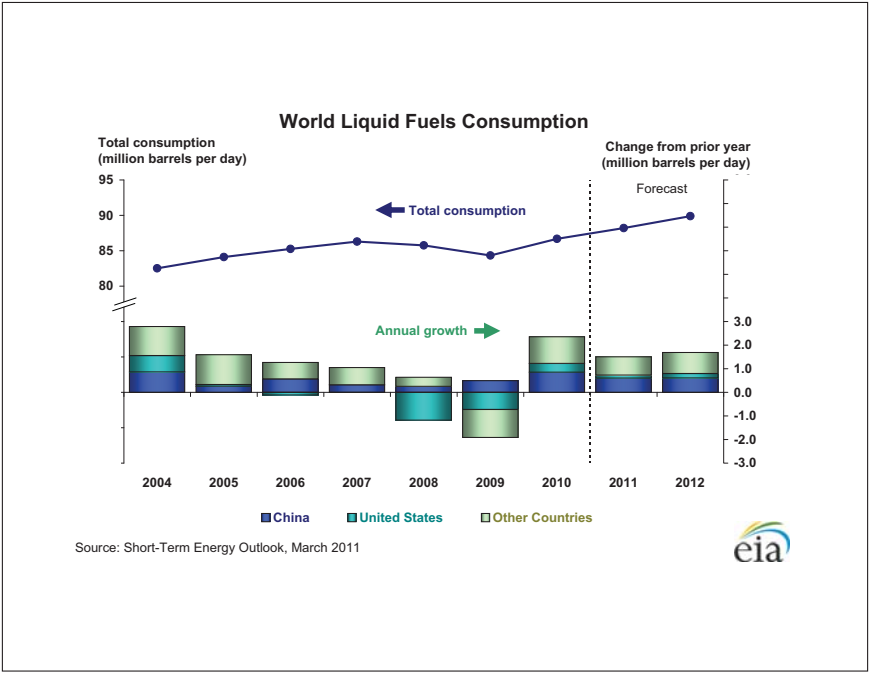


### Henry Hub Natural Gas Price

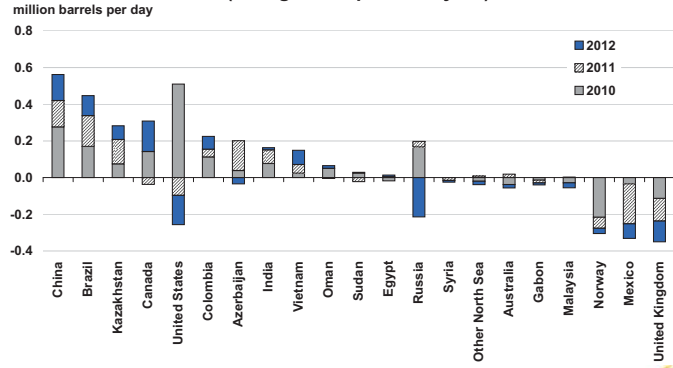


### Natural Gas Prices





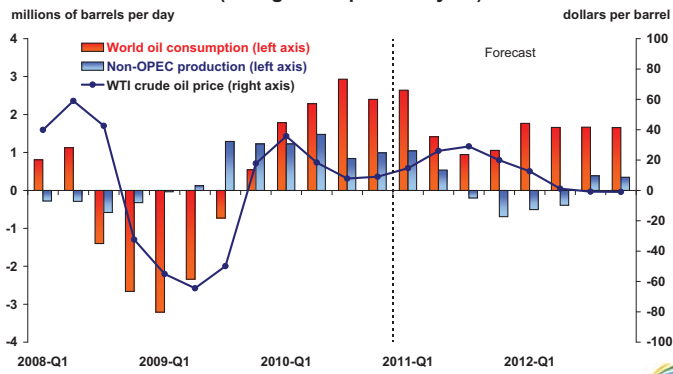
### Non-OPEC Crude Oil and Liquid Fuels Production Growth (change from previous year)



Source: Short-Term Energy Outlook, March 2011



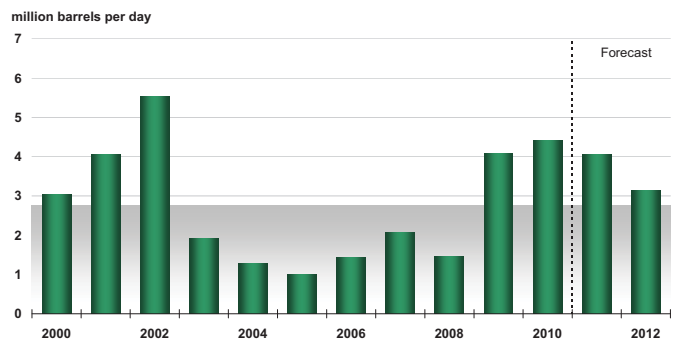
### World Consumption and Non-OPEC Production (change from previous year)



Source: Short-Term Energy Outlook, March 2011



### OPEC Surplus Crude Oil Production Capacity

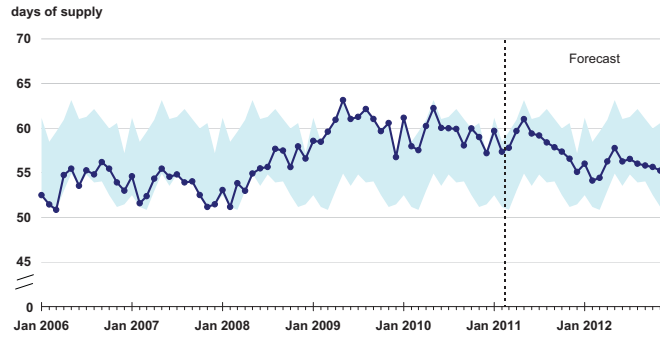


Note: Shaded area represents 2000-2010 average (2.8 million barrels per day)

Source: Short-Term Energy Outlook, March 2011



### OECD Commercial Oil Stocks

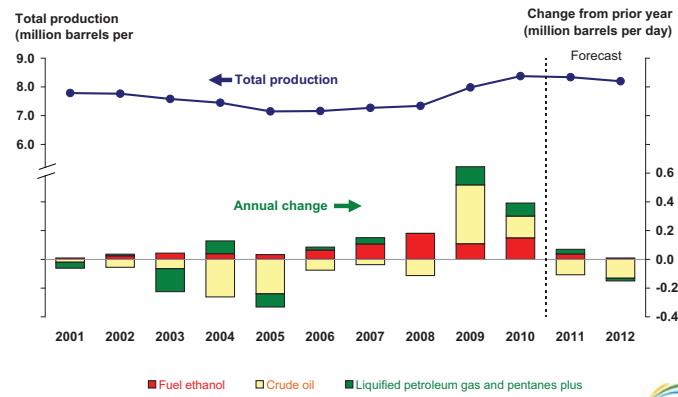


Note: Colored band represents the range between the minimum and maximum observed inventories from Jan. 2006 - Dec. 2010.

Source: Short-Term Energy Outlook, March 2011



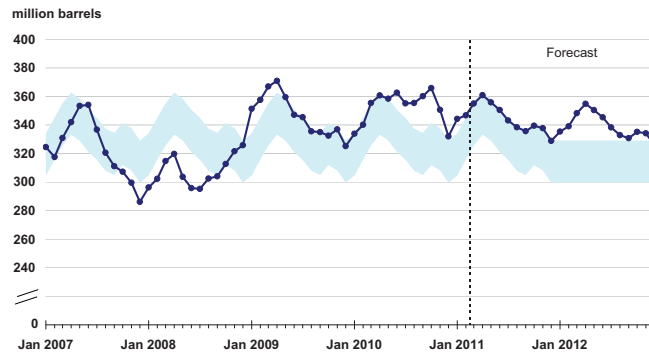
### U.S. Crude Oil and Liquid Fuels Production



Source: Short-Term Energy Outlook, March 2011



### U.S. Crude Oil Stocks



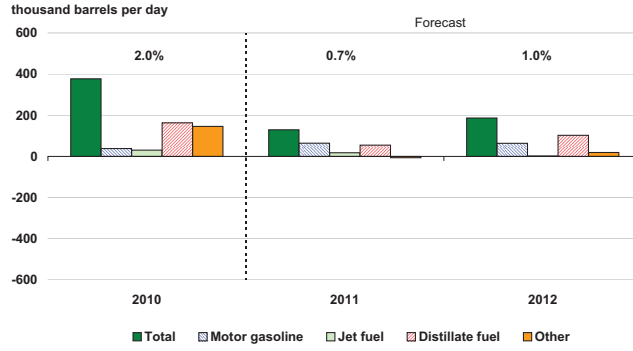
Note: Colored bands represent "normal" range published in EIA Weekly Petroleum Status Report, Appendix A.

Source: Short-Term Energy Outlook, March 2011





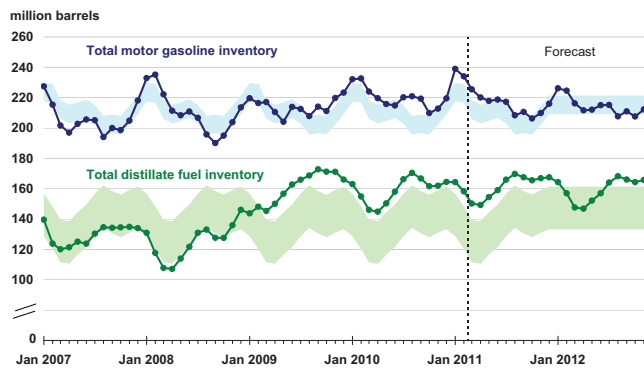
### U.S. Liquid Fuels Consumption Growth (change from previous year)



Source: Short-Term Energy Outlook, March 2011



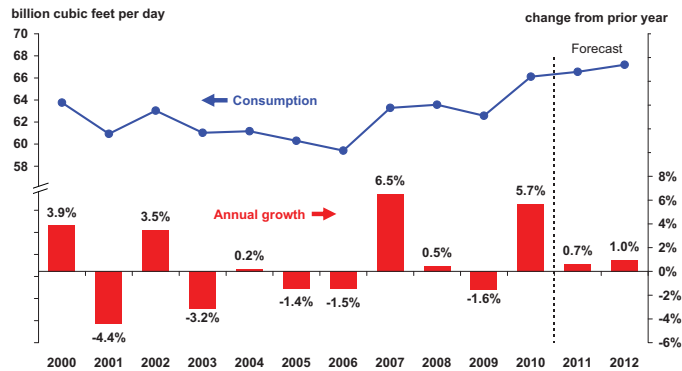
### U.S. Gasoline and Distillate Inventories



Source: Short-Term Energy Outlook, March 2011



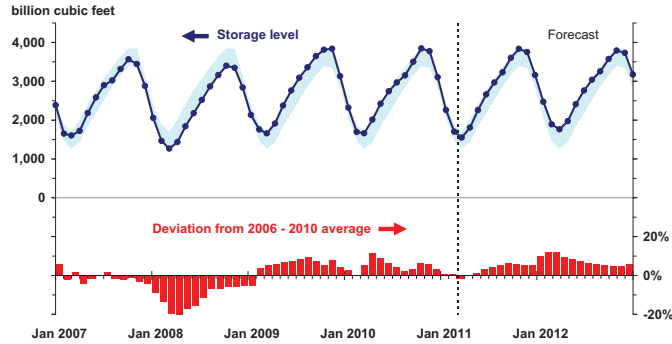
### U.S. Total Natural Gas Consumption



Source: Short-Term Energy Outlook, March 2011



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

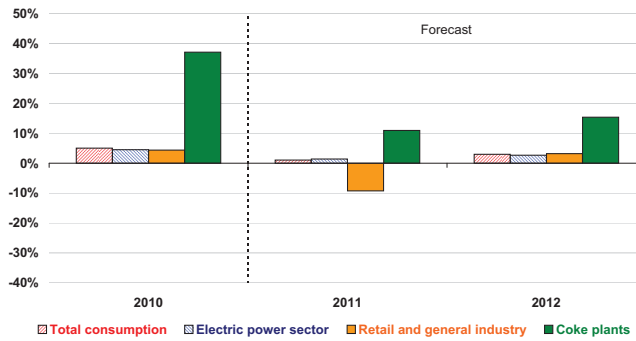


Note: Colored band around storage levels represents the range between the minimum and maximum from Jan. 2006 - Dec. 2010

Source: Short-Term Energy Outlook, March 2011



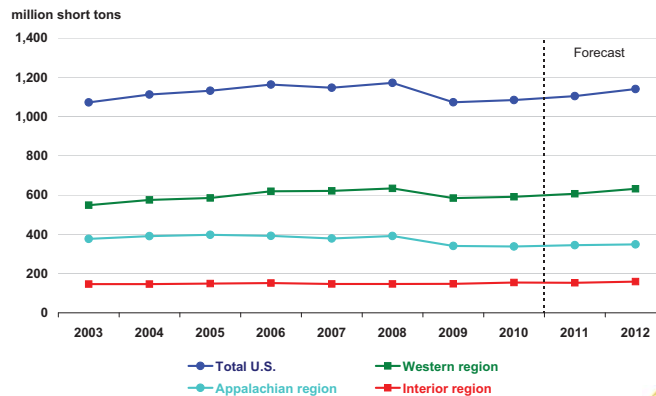
### U.S. Coal Consumption Growth (change from previous year)



Source: Short-Term Energy Outlook, March 2011



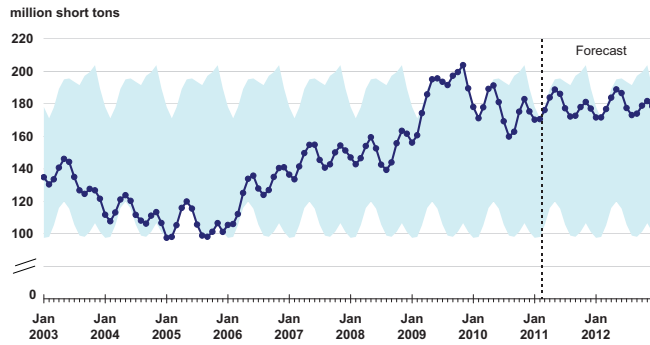
### U.S. Annual Coal Production



Source: Short-Term Energy Outlook, March 2011



### U.S. Electric Power Coal Stocks

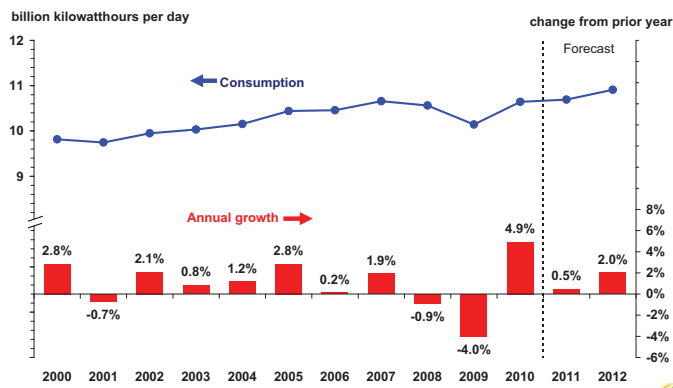


Note: Colored bands represent "normal" range published in EIA Weekly Petroleum Status Report, Appendix A.

Source: Short-Term Energy Outlook, March 2011



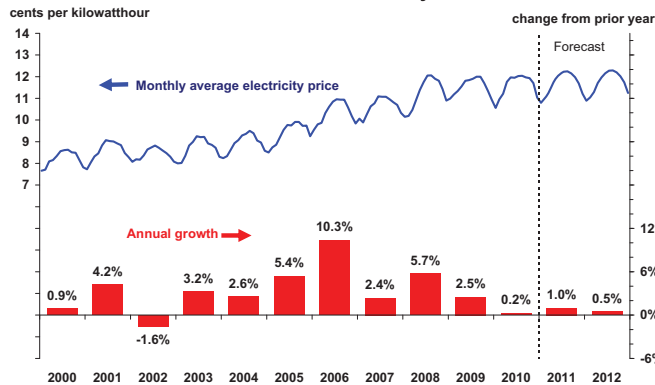
### U.S. Total Electricity Consumption



Source: Short-Term Energy Outlook, March 2011



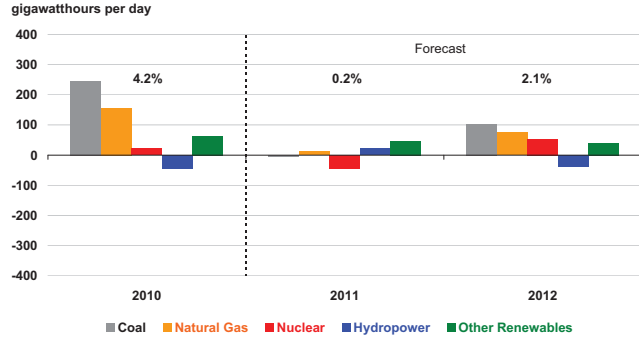
### U.S. Residential Electricity Price



Source: Short-Term Energy Outlook, March 2011



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

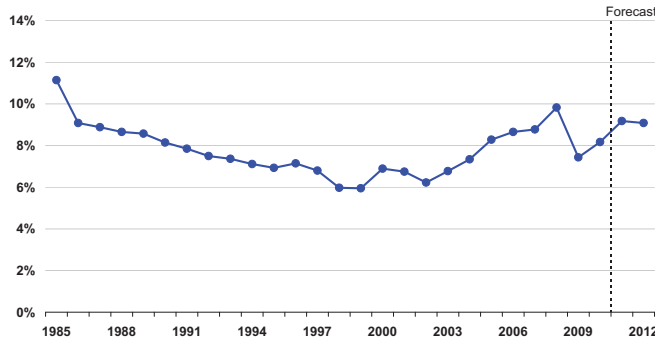


Note: Percent change labels refer to growth in total generation. Not all generation sources are shown.

Source: Short-Term Energy Outlook, March 2011



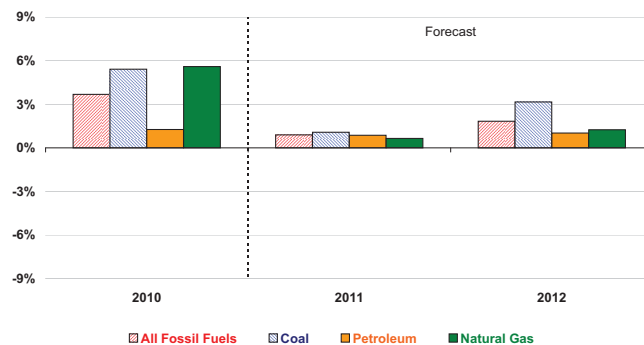
### U.S. Annual Energy Expenditures Share of Gross Domestic Product



Source: Short-Term Energy Outlook, March 2011



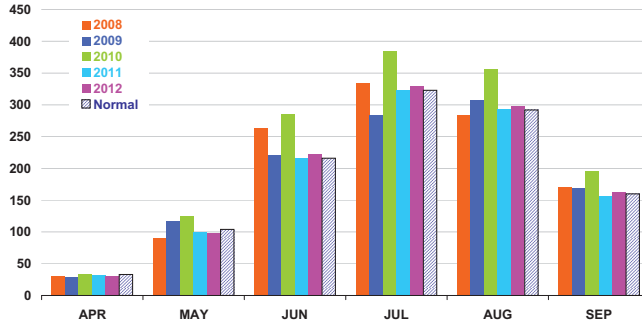
### U.S. Carbon Dioxide Emissions Growth (change from previous year)



Source: Short-Term Energy Outlook, March 2011



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

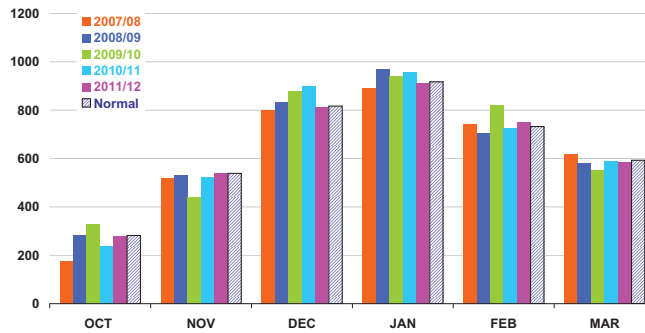


Data source: National Oceanic and Atmospheric Administration, National Weather Service  
[http://www.cpc.ncep.noaa.gov/products/analysis\\_monitoring/cdus/degree\\_days/](http://www.cpc.ncep.noaa.gov/products/analysis_monitoring/cdus/degree_days/)

Source: Short-Term Energy Outlook, March 2011



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

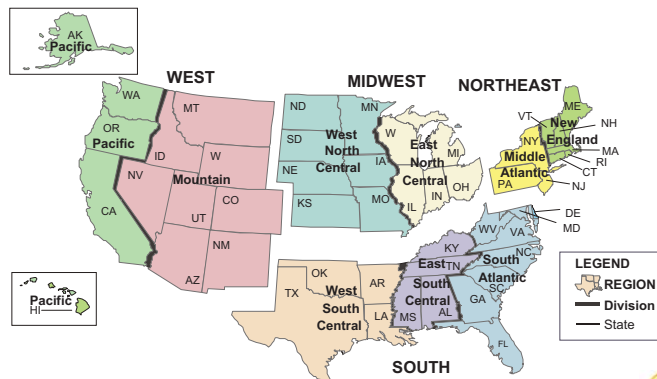


Data source: National Oceanic and Atmospheric Administration, National Weather Service  
[http://www.cpc.ncep.noaa.gov/products/analysis\\_monitoring/cdus/degree\\_days/](http://www.cpc.ncep.noaa.gov/products/analysis_monitoring/cdus/degree_days/)

Source: Short-Term Energy Outlook, March 2011



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



Source: Short-Term Energy Outlook, March 2011



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

Energy Information Administration/Short-Term Energy Outlook -- March 2011

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	56,944	0.5
<b>Northeast</b>									
Consumption (mcf**)	80.4	74.6	75.5	75.9	81.4	77.6	76.7	81.0	5.6
Price (\$/mcf)	12.65	16.36	14.74	15.17	15.82	14.93	13.32	12.77	-4.2
Expenditures (\$)	1,017	1,221	1,112	1,152	1,287	1,158	1,022	1,034	1.2
<b>Midwest</b>									
Consumption (mcf)	81.4	78.7	81.1	84.8	87.5	82.7	85.2	85.8	0.7
Price (\$/mcf)	10.04	13.46	11.06	11.39	11.46	11.47	9.44	9.36	-0.9
Expenditures (\$)	818	1,059	897	966	1,003	948	805	803	-0.2
<b>South</b>									
Consumption (mcf)	52.0	52.0	52.8	51.5	54.7	52.6	61.8	56.8	-8.1
Price (\$/mcf)	12.18	16.48	13.56	14.15	14.04	14.08	11.51	11.46	-0.4
Expenditures (\$)	634	856	716	730	768	741	712	652	-8.4
<b>West</b>									
Consumption (mcf)	49.7	49.7	50.2	52.4	49.9	50.4	51.7	51.1	-1.1
Price (\$/mcf)	10.18	12.96	11.20	11.31	10.86	11.30	9.92	9.54	-3.8
Expenditures (\$)	506	644	562	592	542	569	513	487	-4.9
<b>U.S. Average</b>									
Consumption (mcf)	66.0	64.1	65.3	66.8	68.9	66.2	69.4	69.0	-0.6
Price (\$/mcf)	11.05	14.57	12.35	12.71	12.86	12.70	10.83	10.59	-2.2
Expenditures (\$)	729	934	806	850	886	841	752	731	-2.7
<b>Heating Oil</b>									
Households (thousands)	9,056	8,710	8,489	8,201	7,805	8,452	7,509	7,258	-3.3
<b>Northeast</b>									
Consumption (gallons)	723.1	668.9	676.1	684.0	732.6	697.0	685.0	726.8	6.1
Price (\$/gallon)	1.94	2.45	2.51	3.31	2.66	2.57	2.84	3.42	20.3
Expenditures (\$)	1,401	1,641	1,696	2,267	1,951	1,791	1,946	2,483	27.6
<b>Midwest</b>									
Consumption (gallons)	538.7	517.5	536.3	564.2	586.0	548.5	567.1	572.2	0.9
Price (\$/gallon)	1.84	2.37	2.39	3.31	2.23	2.43	2.60	3.21	23.7
Expenditures (\$)	991	1,227	1,280	1,870	1,304	1,334	1,473	1,838	24.8
<b>South</b>									
Consumption (gallons)	513.2	507.1	494.3	484.7	551.4	510.2	594.3	570.7	-4.0
Price (\$/gallon)	1.95	2.46	2.38	3.34	2.57	2.53	2.85	3.32	16.5
Expenditures (\$)	999	1,249	1,177	1,620	1,419	1,293	1,692	1,893	11.9
<b>West</b>									
Consumption (gallons)	443.5	438.2	436.8	468.4	439.9	445.4	440.9	438.6	-0.5
Price (\$/gallon)	1.99	2.49	2.60	3.40	2.39	2.58	2.89	3.42	18.4
Expenditures (\$)	883	1,091	1,134	1,591	1,051	1,150	1,275	1,502	17.8
<b>U.S. Average</b>									
Consumption (gallons)	692.1	648.4	653.9	662.3	709.4	673.2	675.0	706.3	4.6
Price (\$/gallon)	1.93	2.45	2.49	3.32	2.63	2.56	2.83	3.40	20.1
Expenditures (\$)	1,337	1,590	1,628	2,197	1,867	1,724	1,910	2,400	25.7



**Table WF01. Average Consumer Prices\* and Expenditures for Heating Fuels During the Winter**  
 Energy Information Administration/Short-Term Energy Outlook -- March 2011

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	5,559	-3.4
<b>Northeast</b>									
Consumption (gallons)	932.0	865.5	874.0	882.6	942.8	899.4	885.7	935.8	5.7
Price (\$/gallon)	1.88	2.20	2.30	2.78	2.72	2.37	2.73	3.07	12.6
Expenditures (\$)	1,751	1,903	2,006	2,454	2,561	2,135	2,414	2,873	19.0
<b>Midwest</b>									
Consumption (gallons)	900.3	872.6	900.5	944.8	969.2	917.5	951.4	952.7	0.1
Price (\$/gallon)	1.42	1.67	1.74	2.12	2.14	1.83	1.84	2.06	11.7
Expenditures (\$)	1,282	1,453	1,569	2,004	2,074	1,676	1,754	1,961	11.8
<b>South</b>									
Consumption (gallons)	629.6	632.0	635.6	622.1	666.7	637.2	743.7	688.9	-7.4
Price (\$/gallon)	1.79	2.11	2.16	2.66	2.49	2.24	2.53	2.78	10.3
Expenditures (\$)	1,126	1,336	1,375	1,653	1,662	1,430	1,878	1,919	2.1
<b>West</b>									
Consumption (gallons)	735.7	735.4	744.0	777.0	732.5	744.9	768.3	753.3	-1.9
Price (\$/gallon)	1.78	2.08	2.16	2.64	2.31	2.20	2.44	2.66	9.1
Expenditures (\$)	1,308	1,532	1,609	2,051	1,694	1,639	1,872	2,001	6.9
<b>U.S. Average</b>									
Consumption (gallons)	772.6	760.6	774.9	794.4	820.7	784.6	842.2	830.2	-1.4
Price (\$/gallon)	1.65	1.95	2.01	2.45	2.35	2.09	2.26	2.52	11.1
Expenditures (\$)	1,275	1,481	1,560	1,947	1,932	1,639	1,906	2,088	9.5
<b>Electricity</b>									
Households (thousands)	35,701	36,506	37,292	38,217	39,030	37,349	39,776	40,470	1.7
<b>Northeast</b>									
Consumption (kwh***)	9,625	9,146	9,209	9,256	9,691	9,385	9,300	9,649	3.7
Price (\$/kwh)	0.117	0.133	0.139	0.144	0.152	0.137	0.152	0.155	2.0
Expenditures (\$)	1,126	1,213	1,280	1,335	1,469	1,285	1,418	1,500	5.8
<b>Midwest</b>									
Consumption (kwh)	10,621	10,405	10,618	10,951	11,145	10,748	11,003	11,020	0.1
Price (\$/kwh)	0.077	0.081	0.085	0.089	0.098	0.086	0.098	0.102	3.9
Expenditures (\$)	816	838	906	977	1,089	925	1,084	1,127	4.0
<b>South</b>									
Consumption (kwh)	7,993	7,974	7,992	7,915	8,208	8,017	8,667	8,360	-3.5
Price (\$/kwh)	0.081	0.092	0.096	0.098	0.109	0.096	0.104	0.104	0.1
Expenditures (\$)	651	735	769	779	894	766	898	867	-3.5
<b>West</b>									
Consumption (kwh)	7,888	7,866	7,897	8,105	7,864	7,924	8,020	7,962	-0.7
Price (\$/kwh)	0.092	0.097	0.102	0.104	0.107	0.100	0.112	0.112	0.4
Expenditures (\$)	725	760	808	840	839	795	895	892	-0.3
<b>U.S. Average</b>									
Consumption (kwh)	8,249	8,169	8,216	8,251	8,441	8,265	8,707	8,528	-2.1
Price (\$/kwh)	0.088	0.096	0.101	0.104	0.112	0.100	0.111	0.112	1.5
Expenditures (\$)	722	787	830	858	948	829	962	956	-0.6
<b>Average Expenditures (\$)</b>	<b>812</b>	<b>970</b>	<b>923</b>	<b>1,014</b>	<b>1,034</b>	<b>951</b>	<b>968</b>	<b>992</b>	<b>2.5</b>
<b>Heating Degree-Days</b>									
Northeast	5,181	4,744	4,804	4,849	5,252	4,966	4,889	5,215	6.7
Midwest	5,354	5,145	5,334	5,620	5,827	5,456	5,657	5,697	0.7
South	2,383	2,373	2,401	2,337	2,550	2,409	2,930	2,671	-8.9
West	2,927	2,919	2,946	3,119	2,920	2,966	3,048	3,008	-1.3
<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>3,960</b>	<b>3,930</b>	<b>-0.8</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 - March 2011

	2010				2011				2012				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2010	2011	2012
<b>Energy Supply</b>															
Crude Oil Production (a) (million barrels per day) .....	<b>5.47</b>	<b>5.48</b>	<b>5.49</b>	<b>5.61</b>	5.52	5.47	5.29	5.34	5.39	5.33	5.19	5.18	<b>5.51</b>	5.40	5.27
Dry Natural Gas Production (billion cubic feet per day) .....	<b>57.93</b>	<b>58.56</b>	<b>59.28</b>	<b>60.59</b>	60.23	59.74	59.14	59.06	59.04	59.47	60.54	61.33	<b>59.10</b>	59.54	60.10
Coal Production (million short tons) .....	<b>265</b>	<b>265</b>	<b>278</b>	<b>275</b>	270	270	282	282	293	275	287	285	<b>1,084</b>	1,104	1,140
<b>Energy Consumption</b>															
Liquid Fuels (million barrels per day) .....	<b>18.82</b>	<b>19.01</b>	<b>19.49</b>	<b>19.26</b>	19.11	19.23	19.42	19.35	19.40	19.37	19.57	19.52	<b>19.15</b>	19.28	19.46
Natural Gas (billion cubic feet per day) .....	<b>83.41</b>	<b>54.42</b>	<b>57.93</b>	<b>68.94</b>	82.73	55.10	57.72	70.89	82.43	55.90	58.91	71.58	<b>66.11</b>	66.55	67.19
Coal (b) (million short tons) .....	<b>265</b>	<b>247</b>	<b>286</b>	<b>250</b>	270	241	283	264	280	251	291	267	<b>1,048</b>	1,058	1,089
Electricity (billion kilowatt hours per day) .....	<b>10.61</b>	<b>10.02</b>	<b>12.01</b>	<b>9.92</b>	10.70	10.14	11.88	10.05	10.80	10.38	12.17	10.29	<b>10.64</b>	10.69	10.91
Renewables (c) (quadrillion Btu) .....	<b>1.80</b>	<b>1.98</b>	<b>1.82</b>	<b>1.88</b>	1.93	2.18	1.94	1.82	1.91	2.13	1.97	1.94	<b>7.49</b>	7.87	7.96
Total Energy Consumption (d) (quadrillion Btu) .....	<b>25.75</b>	<b>22.96</b>	<b>24.62</b>	<b>25.00</b>	26.09	23.36	24.60	25.10	26.51	23.73	25.04	25.49	<b>98.34</b>	99.14	100.77
<b>Energy Prices</b>															
Crude Oil (e) (dollars per barrel) .....	<b>75.89</b>	<b>75.34</b>	<b>74.05</b>	<b>81.66</b>	96.28	108.84	108.00	107.50	108.33	107.00	105.67	105.00	<b>76.72</b>	105.31	106.49
Natural Gas Wellhead (dollars per thousand cubic feet) .....	<b>4.79</b>	<b>4.07</b>	<b>4.12</b>	<b>3.61</b>	4.00	3.62	3.67	4.08	4.24	3.96	4.15	4.53	<b>4.14</b>	3.84	4.22
Coal (dollars per million Btu) .....	<b>2.26</b>	<b>2.26</b>	<b>2.28</b>	<b>2.25</b>	2.26	2.25	2.22	2.18	2.22	2.22	2.21	2.19	<b>2.26</b>	2.23	2.21
<b>Macroeconomic</b>															
Real Gross Domestic Product (billion chained 2005 dollars - SAAR) .....	<b>13,139</b>	<b>13,195</b>	<b>13,279</b>	<b>13,383</b>	13,521	13,630	13,725	13,843	13,912	13,999	14,106	14,236	<b>13,249</b>	13,680	14,063
Percent change from prior year .....	<b>2.4</b>	<b>3.0</b>	<b>3.2</b>	<b>2.8</b>	2.9	3.3	3.4	3.4	2.9	2.7	2.8	2.8	<b>2.9</b>	3.3	2.8
GDP Implicit Price Deflator (Index, 2005=100) .....	<b>110.0</b>	<b>110.5</b>	<b>111.1</b>	<b>111.2</b>	111.7	111.8	112.2	112.5	113.0	113.2	113.6	114.0	<b>110.7</b>	112.0	113.5
Percent change from prior year .....	<b>0.5</b>	<b>0.8</b>	<b>1.2</b>	<b>1.3</b>	1.6	1.2	1.0	1.3	1.2	1.3	1.3	1.3	<b>1.0</b>	1.2	1.3
Real Disposable Personal Income (billion chained 2005 dollars - SAAR) .....	<b>10,113</b>	<b>10,252</b>	<b>10,275</b>	<b>10,318</b>	10,420	10,514	10,573	10,611	10,530	10,597	10,642	10,704	<b>10,239</b>	10,530	10,618
Percent change from prior year .....	<b>0.7</b>	<b>0.6</b>	<b>1.9</b>	<b>2.4</b>	3.0	2.6	2.9	2.8	1.1	0.8	0.7	0.9	<b>1.4</b>	2.8	0.8
Manufacturing Production Index (Index, 2007=100) .....	<b>88.5</b>	<b>90.6</b>	<b>91.7</b>	<b>92.5</b>	94.2	95.5	96.8	98.0	98.8	99.6	100.7	101.8	<b>90.8</b>	96.1	100.2
Percent change from prior year .....	<b>3.9</b>	<b>8.8</b>	<b>7.3</b>	<b>6.4</b>	6.5	5.4	5.5	5.9	4.8	4.3	4.0	3.8	<b>6.6</b>	5.8	4.2
<b>Weather</b>															
U.S. Heating Degree-Days .....	<b>2,311</b>	<b>422</b>	<b>68</b>	<b>1,659</b>	2,271	539	100	1,632	2,248	533	98	1,618	<b>4,460</b>	4,542	4,497
U.S. Cooling Degree-Days .....	<b>12</b>	<b>445</b>	<b>937</b>	<b>73</b>	31	348	774	77	35	350	790	83	<b>1,467</b>	1,230	1,259

- = 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 - March 2011

	2010				2011				2012				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2010	2011	2012
<b>Crude Oil</b> (dollars per barrel)															
West Texas Intermediate Spot Average .....	<b>78.64</b>	<b>77.79</b>	<b>76.05</b>	<b>85.10</b>	93.25	103.83	105.00	105.00	105.83	105.00	104.17	104.00	<b>79.40</b>	101.77	104.75
Imported Average .....	<b>75.28</b>	<b>74.33</b>	<b>73.32</b>	<b>81.03</b>	96.23	108.84	108.00	107.50	107.83	106.50	105.17	104.50	<b>75.87</b>	105.35	105.98
Refiner Average Acquisition Cost .....	<b>75.89</b>	<b>75.34</b>	<b>74.05</b>	<b>81.66</b>	96.28	108.84	108.00	107.50	108.33	107.00	105.67	105.00	<b>76.72</b>	105.31	106.49
<b>Liquid Fuels</b> (cents per gallon)															
<b>Refiner Prices for Resale</b>															
Gasoline .....	<b>211</b>	<b>218</b>	<b>210</b>	<b>227</b>	267	308	300	287	295	301	294	279	<b>217</b>	291	292
Diesel Fuel .....	<b>209</b>	<b>220</b>	<b>215</b>	<b>240</b>	284	311	307	305	308	304	298	295	<b>221</b>	302	301
Heating Oil .....	<b>205</b>	<b>212</b>	<b>204</b>	<b>234</b>	275	301	296	299	306	297	290	293	<b>215</b>	290	299
<b>Refiner Prices to End Users</b>															
Jet Fuel .....	<b>210</b>	<b>219</b>	<b>214</b>	<b>238</b>	282	308	306	305	309	303	296	295	<b>220</b>	300	301
No. 6 Residual Fuel Oil (a) .....	<b>172</b>	<b>170</b>	<b>166</b>	<b>182</b>	213	245	256	265	271	268	264	264	<b>173</b>	244	267
Propane to Petrochemical Sector .....	<b>123</b>	<b>109</b>	<b>107</b>	<b>126</b>	137	144	143	150	155	146	144	149	<b>118</b>	143	149
<b>Retail Prices Including Taxes</b>															
Gasoline Regular Grade (b) .....	<b>271</b>	<b>281</b>	<b>272</b>	<b>288</b>	330	372	367	352	358	366	362	344	<b>278</b>	356	357
Gasoline All Grades (b) .....	<b>277</b>	<b>286</b>	<b>277</b>	<b>294</b>	335	377	372	357	363	371	367	350	<b>283</b>	361	363
On-highway Diesel Fuel .....	<b>285</b>	<b>303</b>	<b>294</b>	<b>315</b>	361	390	387	387	388	385	379	377	<b>299</b>	381	382
Heating Oil .....	<b>290</b>	<b>288</b>	<b>276</b>	<b>314</b>	359	374	370	387	400	382	369	384	<b>297</b>	370	390
Propane .....	<b>240</b>	<b>233</b>	<b>211</b>	<b>236</b>	263	268	246	270	288	281	253	276	<b>234</b>	264	279
<b>Natural Gas</b>															
Average Wellhead (dollars per thousand cubic feet) .....	<b>4.79</b>	<b>4.07</b>	<b>4.12</b>	<b>3.61</b>	4.00	3.62	3.67	4.08	4.24	3.96	4.15	4.53	<b>4.14</b>	3.84	4.22
Henry Hub Spot (dollars per thousand cubic feet) .....	<b>5.30</b>	<b>4.45</b>	<b>4.41</b>	<b>3.91</b>	4.29	4.02	4.04	4.54	4.76	4.38	4.62	5.10	<b>4.52</b>	4.22	4.72
Henry Hub Spot (dollars per Million Btu) .....	<b>5.15</b>	<b>4.32</b>	<b>4.28</b>	<b>3.80</b>	4.16	3.90	3.93	4.41	4.62	4.25	4.49	4.96	<b>4.39</b>	4.10	4.58
<b>End-Use Prices</b> (dollars per thousand cubic feet)															
Industrial Sector .....	<b>6.51</b>	<b>4.98</b>	<b>5.07</b>	<b>4.89</b>	5.92	4.93	4.99	5.77	6.22	5.40	5.46	6.21	<b>5.40</b>	5.43	5.85
Commercial Sector .....	<b>9.30</b>	<b>9.25</b>	<b>9.63</b>	<b>8.65</b>	8.86	8.62	9.27	9.57	9.62	9.17	9.85	10.14	<b>9.13</b>	9.09	9.74
Residential Sector .....	<b>10.59</b>	<b>12.54</b>	<b>15.47</b>	<b>10.55</b>	10.25	11.56	14.73	11.67	11.04	12.19	15.36	12.31	<b>11.18</b>	11.20	11.92
<b>Electricity</b>															
<b>Power Generation Fuel Costs</b> (dollars per million Btu)															
Coal .....	<b>2.26</b>	<b>2.26</b>	<b>2.28</b>	<b>2.25</b>	2.26	2.25	2.22	2.18	2.22	2.22	2.21	2.19	<b>2.26</b>	2.23	2.21
Natural Gas .....	<b>6.06</b>	<b>4.89</b>	<b>4.88</b>	<b>4.69</b>	5.08	4.65	4.72	5.13	5.38	4.98	5.21	5.60	<b>5.08</b>	4.87	5.28
Residual Fuel Oil (c) .....	<b>12.10</b>	<b>12.36</b>	<b>12.36</b>	<b>13.80</b>	14.48	17.84	18.34	18.34	18.42	18.26	17.92	17.61	<b>12.56</b>	17.21	18.07
Distillate Fuel Oil .....	<b>15.84</b>	<b>16.48</b>	<b>16.18</b>	<b>17.93</b>	20.66	23.02	22.84	22.99	23.30	22.72	22.40	22.57	<b>16.59</b>	22.25	22.78
<b>End-Use Prices</b> (cents per kilowatthour)															
Industrial Sector .....	<b>6.53</b>	<b>6.75</b>	<b>7.17</b>	<b>6.67</b>	6.41	6.65	7.05	6.57	6.43	6.67	7.07	6.59	<b>6.79</b>	6.68	6.69
Commercial Sector .....	<b>9.87</b>	<b>10.30</b>	<b>10.71</b>	<b>10.06</b>	9.82	10.27	10.76	10.09	9.90	10.33	10.83	10.16	<b>10.26</b>	10.26	10.33
Residential Sector .....	<b>10.88</b>	<b>11.90</b>	<b>12.02</b>	<b>11.50</b>	10.99	11.92	12.21	11.59	11.06	11.96	12.26	11.64	<b>11.58</b>	11.69	11.74

- = 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 - March 2011

	2010				2011				2012				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2010	2011	2012
<b>Supply (million barrels per day) (a)</b>															
OECD .....	<b>21.34</b>	<b>21.29</b>	<b>20.98</b>	<b>21.56</b>	21.26	20.90	20.32	20.52	20.77	20.51	20.27	20.44	<b>21.29</b>	20.75	20.50
U.S. (50 States) .....	<b>9.46</b>	<b>9.56</b>	<b>9.67</b>	<b>9.91</b>	9.69	9.62	9.44	9.47	9.44	9.43	9.34	9.37	<b>9.65</b>	9.55	9.39
Canada .....	<b>3.29</b>	<b>3.45</b>	<b>3.48</b>	<b>3.53</b>	3.46	3.36	3.36	3.42	3.55	3.49	3.57	3.65	<b>3.44</b>	3.40	3.56
Mexico .....	<b>3.02</b>	<b>2.99</b>	<b>2.97</b>	<b>2.89</b>	2.82	2.82	2.70	2.66	2.71	2.72	2.65	2.60	<b>2.97</b>	2.75	2.67
North Sea (b) .....	<b>4.08</b>	<b>3.74</b>	<b>3.34</b>	<b>3.74</b>	3.78	3.60	3.32	3.51	3.59	3.39	3.22	3.36	<b>3.72</b>	3.55	3.39
Other OECD .....	<b>1.51</b>	<b>1.54</b>	<b>1.53</b>	<b>1.48</b>	1.52	1.50	1.49	1.46	1.48	1.48	1.50	1.46	<b>1.51</b>	1.49	1.48
Non-OECD .....	<b>64.55</b>	<b>65.03</b>	<b>65.32</b>	<b>65.73</b>	66.76	66.48	66.56	66.87	67.92	68.91	69.63	69.94	<b>65.16</b>	66.67	69.10
OPEC .....	<b>34.51</b>	<b>34.76</b>	<b>34.99</b>	<b>35.20</b>	35.58	35.30	35.76	36.00	36.76	37.72	38.40	38.64	<b>34.87</b>	35.66	37.88
Crude Oil Portion .....	<b>29.40</b>	<b>29.44</b>	<b>29.50</b>	<b>29.60</b>	29.61	29.17	29.61	29.80	30.37	31.30	31.95	32.16	<b>29.48</b>	29.55	31.45
Other Liquids .....	<b>5.11</b>	<b>5.32</b>	<b>5.49</b>	<b>5.60</b>	5.98	6.12	6.15	6.19	6.38	6.42	6.45	6.48	<b>5.38</b>	6.11	6.43
Former Soviet Union .....	<b>13.11</b>	<b>13.17</b>	<b>13.12</b>	<b>13.27</b>	13.60	13.56	13.39	13.39	13.35	13.31	13.29	13.26	<b>13.17</b>	13.48	13.30
China .....	<b>4.16</b>	<b>4.23</b>	<b>4.31</b>	<b>4.37</b>	4.35	4.44	4.40	4.45	4.51	4.56	4.57	4.58	<b>4.27</b>	4.41	4.55
Other Non-OECD .....	<b>12.78</b>	<b>12.87</b>	<b>12.91</b>	<b>12.89</b>	13.22	13.18	13.01	13.04	13.31	13.32	13.38	13.46	<b>12.86</b>	13.11	13.37
Total World Supply .....	<b>85.90</b>	<b>86.31</b>	<b>86.31</b>	<b>87.29</b>	88.02	87.38	86.88	87.39	88.69	89.41	89.91	90.38	<b>86.45</b>	87.42	89.60
Non-OPEC Supply .....	<b>51.39</b>	<b>51.55</b>	<b>51.32</b>	<b>52.09</b>	52.43	52.09	51.12	51.40	51.93	51.69	51.51	51.75	<b>51.59</b>	51.75	51.72
<b>Consumption (million barrels per day) (c)</b>															
OECD .....	<b>45.78</b>	<b>45.10</b>	<b>46.52</b>	<b>46.40</b>	46.47	45.11	45.81	46.49	46.68	45.19	45.90	46.59	<b>45.95</b>	45.97	46.09
U.S. (50 States) .....	<b>18.82</b>	<b>19.01</b>	<b>19.49</b>	<b>19.26</b>	19.11	19.23	19.42	19.35	19.40	19.37	19.57	19.52	<b>19.15</b>	19.28	19.46
U.S. Territories .....	<b>0.27</b>	<b>0.27</b>	<b>0.27</b>	<b>0.27</b>	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	<b>0.27</b>	0.27	0.27
Canada .....	<b>2.19</b>	<b>2.23</b>	<b>2.26</b>	<b>2.26</b>	2.27	2.19	2.30	2.29	2.32	2.22	2.34	2.33	<b>2.24</b>	2.26	2.30
Europe .....	<b>14.17</b>	<b>14.11</b>	<b>14.79</b>	<b>14.57</b>	14.37	14.02	14.48	14.60	14.28	13.93	14.40	14.51	<b>14.41</b>	14.37	14.28
Japan .....	<b>4.79</b>	<b>4.04</b>	<b>4.33</b>	<b>4.44</b>	4.76	3.94	3.97	4.34	4.59	3.80	3.83	4.19	<b>4.40</b>	4.25	4.10
Other OECD .....	<b>5.55</b>	<b>5.44</b>	<b>5.38</b>	<b>5.60</b>	5.69	5.46	5.37	5.65	5.82	5.59	5.49	5.78	<b>5.49</b>	5.54	5.67
Non-OECD .....	<b>39.66</b>	<b>41.18</b>	<b>40.98</b>	<b>41.12</b>	41.61	42.59	42.63	42.08	43.16	44.17	44.21	43.64	<b>40.74</b>	42.23	43.79
Former Soviet Union .....	<b>4.32</b>	<b>4.34</b>	<b>4.49</b>	<b>4.45</b>	4.43	4.48	4.63	4.59	4.53	4.58	4.74	4.70	<b>4.40</b>	4.53	4.64
Europe .....	<b>0.79</b>	<b>0.77</b>	<b>0.83</b>	<b>0.83</b>	0.76	0.74	0.79	0.79	0.77	0.76	0.81	0.81	<b>0.80</b>	0.77	0.79
China .....	<b>8.88</b>	<b>9.31</b>	<b>8.89</b>	<b>9.60</b>	9.68	9.93	9.79	9.70	10.28	10.54	10.40	10.30	<b>9.17</b>	9.77	10.38
Other Asia .....	<b>9.77</b>	<b>9.89</b>	<b>9.43</b>	<b>9.66</b>	10.15	10.17	9.71	9.93	10.39	10.41	9.94	10.17	<b>9.69</b>	9.99	10.23
Other Non-OECD .....	<b>15.90</b>	<b>16.87</b>	<b>17.34</b>	<b>16.59</b>	16.60	17.27	17.69	17.06	17.18	17.88	18.32	17.66	<b>16.68</b>	17.16	17.76
Total World Consumption .....	<b>85.43</b>	<b>86.28</b>	<b>87.49</b>	<b>87.51</b>	88.08	87.70	88.44	88.57	89.84	89.36	90.10	90.23	<b>86.69</b>	88.20	89.88
<b>Inventory Net Withdrawals (million barrels per day)</b>															
U.S. (50 States) .....	<b>-0.03</b>	<b>-0.65</b>	<b>-0.20</b>	<b>0.69</b>	0.10	-0.43	-0.10	0.46	0.14	-0.46	-0.12	0.41	<b>-0.05</b>	0.01	-0.01
Other OECD .....	<b>-0.18</b>	<b>-0.21</b>	<b>0.54</b>	<b>-0.34</b>	-0.02	0.28	0.63	0.28	0.40	0.15	0.12	-0.22	<b>-0.05</b>	0.30	0.11
Other Stock Draws and Balance .....	<b>-0.25</b>	<b>0.83</b>	<b>0.84</b>	<b>-0.12</b>	-0.03	0.46	1.02	0.44	0.62	0.26	0.20	-0.35	<b>0.33</b>	0.48	0.18
Total Stock Draw .....	<b>-0.46</b>	<b>-0.03</b>	<b>1.19</b>	<b>0.23</b>	0.06	0.31	1.56	1.17	1.16	-0.05	0.20	-0.16	<b>0.23</b>	0.78	0.28
<b>End-of-period Inventories (million barrels)</b>															
U.S. Commercial Inventory .....	<b>1,053</b>	<b>1,112</b>	<b>1,130</b>	<b>1,067</b>	1,058	1,097	1,106	1,064	1,051	1,093	1,104	1,067	<b>1,067</b>	1,064	1,067
OECD Commercial Inventory .....	<b>2,671</b>	<b>2,753</b>	<b>2,735</b>	<b>2,702</b>	2,694	2,708	2,659	2,591	2,542	2,571	2,571	2,553	<b>2,702</b>	2,591	2,553

- = 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 - March 2011

	2010				2011				2012				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2010	2011	2012
<b>North America</b> .....	<b>15.76</b>	<b>16.00</b>	<b>16.12</b>	<b>16.34</b>	<i>15.96</i>	<i>15.80</i>	<i>15.51</i>	<i>15.55</i>	<i>15.70</i>	<i>15.63</i>	<i>15.56</i>	<i>15.62</i>	<b>16.05</b>	<i>15.70</i>	<i>15.63</i>
Canada .....	<b>3.29</b>	<b>3.45</b>	<b>3.48</b>	<b>3.53</b>	<i>3.46</i>	<i>3.36</i>	<i>3.36</i>	<i>3.42</i>	<i>3.55</i>	<i>3.49</i>	<i>3.57</i>	<i>3.65</i>	<b>3.44</b>	<i>3.40</i>	<i>3.56</i>
Mexico .....	<b>3.02</b>	<b>2.99</b>	<b>2.97</b>	<b>2.89</b>	<i>2.82</i>	<i>2.82</i>	<i>2.70</i>	<i>2.66</i>	<i>2.71</i>	<i>2.72</i>	<i>2.65</i>	<i>2.60</i>	<b>2.97</b>	<i>2.75</i>	<i>2.67</i>
United States .....	<b>9.46</b>	<b>9.56</b>	<b>9.67</b>	<b>9.91</b>	<i>9.69</i>	<i>9.62</i>	<i>9.44</i>	<i>9.47</i>	<i>9.44</i>	<i>9.43</i>	<i>9.34</i>	<i>9.37</i>	<b>9.65</b>	<i>9.55</i>	<i>9.39</i>
<b>Central and South America</b> .....	<b>4.72</b>	<b>4.80</b>	<b>4.80</b>	<b>4.83</b>	<i>4.98</i>	<i>5.01</i>	<i>4.93</i>	<i>4.96</i>	<i>5.08</i>	<i>5.13</i>	<i>5.17</i>	<i>5.21</i>	<b>4.79</b>	<i>4.97</i>	<i>5.15</i>
Argentina .....	<b>0.80</b>	<b>0.79</b>	<b>0.79</b>	<b>0.77</b>	<i>0.78</i>	<i>0.78</i>	<i>0.76</i>	<i>0.76</i>	<i>0.77</i>	<i>0.77</i>	<i>0.77</i>	<i>0.76</i>	<b>0.79</b>	<i>0.77</i>	<i>0.77</i>
Brazil .....	<b>2.68</b>	<b>2.75</b>	<b>2.75</b>	<b>2.79</b>	<i>2.92</i>	<i>2.94</i>	<i>2.88</i>	<i>2.89</i>	<i>2.97</i>	<i>3.01</i>	<i>3.03</i>	<i>3.06</i>	<b>2.74</b>	<i>2.91</i>	<i>3.02</i>
Colombia .....	<b>0.77</b>	<b>0.79</b>	<b>0.81</b>	<b>0.83</b>	<i>0.83</i>	<i>0.83</i>	<i>0.84</i>	<i>0.86</i>	<i>0.89</i>	<i>0.90</i>	<i>0.92</i>	<i>0.94</i>	<b>0.80</b>	<i>0.84</i>	<i>0.91</i>
Other Central and S. America .....	<b>0.47</b>	<b>0.46</b>	<b>0.46</b>	<b>0.45</b>	<i>0.45</i>	<i>0.45</i>	<i>0.45</i>	<i>0.45</i>	<i>0.45</i>	<i>0.45</i>	<i>0.45</i>	<i>0.45</i>	<b>0.46</b>	<i>0.45</i>	<i>0.45</i>
<b>Europe</b> .....	<b>4.92</b>	<b>4.61</b>	<b>4.22</b>	<b>4.61</b>	<i>4.62</i>	<i>4.43</i>	<i>4.13</i>	<i>4.32</i>	<i>4.41</i>	<i>4.21</i>	<i>4.04</i>	<i>4.18</i>	<b>4.59</b>	<i>4.37</i>	<i>4.21</i>
Norway .....	<b>2.32</b>	<b>2.11</b>	<b>1.93</b>	<b>2.18</b>	<i>2.18</i>	<i>2.09</i>	<i>1.97</i>	<i>2.06</i>	<i>2.14</i>	<i>2.03</i>	<i>1.98</i>	<i>2.03</i>	<b>2.13</b>	<i>2.07</i>	<i>2.04</i>
United Kingdom (offshore) .....	<b>1.46</b>	<b>1.35</b>	<b>1.16</b>	<b>1.28</b>	<i>1.30</i>	<i>1.21</i>	<i>1.07</i>	<i>1.16</i>	<i>1.17</i>	<i>1.09</i>	<i>0.97</i>	<i>1.06</i>	<b>1.31</b>	<i>1.19</i>	<i>1.07</i>
Other North Sea .....	<b>0.30</b>	<b>0.29</b>	<b>0.25</b>	<b>0.29</b>	<i>0.30</i>	<i>0.30</i>	<i>0.28</i>	<i>0.28</i>	<i>0.28</i>	<i>0.28</i>	<i>0.27</i>	<i>0.26</i>	<b>0.28</b>	<i>0.29</i>	<i>0.27</i>
<b>FSU and Eastern Europe</b> .....	<b>13.11</b>	<b>13.17</b>	<b>13.12</b>	<b>13.27</b>	<i>13.60</i>	<i>13.56</i>	<i>13.39</i>	<i>13.39</i>	<i>13.35</i>	<i>13.31</i>	<i>13.29</i>	<i>13.26</i>	<b>13.17</b>	<i>13.48</i>	<i>13.30</i>
Azerbaijan .....	<b>1.00</b>	<b>1.05</b>	<b>1.05</b>	<b>1.09</b>	<i>1.23</i>	<i>1.23</i>	<i>1.20</i>	<i>1.19</i>	<i>1.23</i>	<i>1.20</i>	<i>1.15</i>	<i>1.13</i>	<b>1.05</b>	<i>1.21</i>	<i>1.18</i>
Kazakhstan .....	<b>1.61</b>	<b>1.57</b>	<b>1.62</b>	<b>1.66</b>	<i>1.75</i>	<i>1.75</i>	<i>1.74</i>	<i>1.75</i>	<i>1.80</i>	<i>1.82</i>	<i>1.83</i>	<i>1.84</i>	<b>1.61</b>	<i>1.75</i>	<i>1.82</i>
Russia .....	<b>10.10</b>	<b>10.14</b>	<b>10.04</b>	<b>10.12</b>	<i>10.22</i>	<i>10.18</i>	<i>10.06</i>	<i>10.06</i>	<i>9.92</i>	<i>9.90</i>	<i>9.93</i>	<i>9.91</i>	<b>10.10</b>	<i>10.13</i>	<i>9.91</i>
Turkmenistan .....	<b>0.20</b>	<b>0.21</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>	<i>0.21</i>	<i>0.21</i>	<i>0.22</i>	<b>0.21</b>	<i>0.21</i>	<i>0.21</i>
Other FSU/Eastern Europe .....	<b>0.41</b>	<b>0.41</b>	<b>0.41</b>	<b>0.40</b>	<i>0.40</i>	<i>0.40</i>	<i>0.39</i>	<i>0.39</i>	<i>0.39</i>	<i>0.39</i>	<i>0.38</i>	<i>0.38</i>	<b>0.41</b>	<i>0.40</i>	<i>0.39</i>
<b>Middle East</b> .....	<b>1.59</b>	<b>1.58</b>	<b>1.57</b>	<b>1.58</b>	<i>1.58</i>	<i>1.56</i>	<i>1.53</i>	<i>1.53</i>	<i>1.56</i>	<i>1.55</i>	<i>1.54</i>	<i>1.54</i>	<b>1.58</b>	<i>1.55</i>	<i>1.55</i>
Oman .....	<b>0.86</b>	<b>0.86</b>	<b>0.87</b>	<b>0.88</b>	<i>0.87</i>	<i>0.87</i>	<i>0.85</i>	<i>0.85</i>	<i>0.88</i>	<i>0.88</i>	<i>0.88</i>	<i>0.87</i>	<b>0.87</b>	<i>0.86</i>	<i>0.88</i>
Syria .....	<b>0.40</b>	<b>0.40</b>	<b>0.40</b>	<b>0.40</b>	<i>0.39</i>	<i>0.39</i>	<i>0.38</i>	<i>0.38</i>	<i>0.38</i>	<i>0.38</i>	<i>0.37</i>	<i>0.37</i>	<b>0.40</b>	<i>0.39</i>	<i>0.38</i>
Yemen .....	<b>0.27</b>	<b>0.26</b>	<b>0.25</b>	<b>0.25</b>	<i>0.26</i>	<i>0.25</i>	<i>0.25</i>	<i>0.25</i>	<i>0.25</i>	<i>0.25</i>	<i>0.24</i>	<i>0.25</i>	<b>0.26</b>	<i>0.25</i>	<i>0.25</i>
<b>Asia and Oceania</b> .....	<b>8.68</b>	<b>8.80</b>	<b>8.92</b>	<b>8.90</b>	<i>9.12</i>	<i>9.15</i>	<i>9.06</i>	<i>9.09</i>	<i>9.24</i>	<i>9.28</i>	<i>9.32</i>	<i>9.35</i>	<b>8.83</b>	<i>9.10</i>	<i>9.30</i>
Australia .....	<b>0.56</b>	<b>0.58</b>	<b>0.55</b>	<b>0.52</b>	<i>0.58</i>	<i>0.58</i>	<i>0.58</i>	<i>0.55</i>	<i>0.55</i>	<i>0.55</i>	<i>0.56</i>	<i>0.53</i>	<b>0.55</b>	<i>0.57</i>	<i>0.55</i>
China .....	<b>4.16</b>	<b>4.23</b>	<b>4.31</b>	<b>4.37</b>	<i>4.35</i>	<i>4.44</i>	<i>4.40</i>	<i>4.45</i>	<i>4.51</i>	<i>4.56</i>	<i>4.57</i>	<i>4.58</i>	<b>4.27</b>	<i>4.41</i>	<i>4.55</i>
India .....	<b>0.91</b>	<b>0.92</b>	<b>0.98</b>	<b>1.01</b>	<i>1.04</i>	<i>1.04</i>	<i>1.02</i>	<i>1.02</i>	<i>1.04</i>	<i>1.04</i>	<i>1.04</i>	<i>1.04</i>	<b>0.96</b>	<i>1.03</i>	<i>1.04</i>
Indonesia .....	<b>1.02</b>	<b>1.04</b>	<b>1.02</b>	<b>0.99</b>	<i>1.03</i>	<i>1.03</i>	<i>1.02</i>	<i>1.02</i>	<i>1.03</i>	<i>1.03</i>	<i>1.03</i>	<i>1.03</i>	<b>1.02</b>	<i>1.03</i>	<i>1.03</i>
Malaysia .....	<b>0.68</b>	<b>0.67</b>	<b>0.65</b>	<b>0.66</b>	<i>0.70</i>	<i>0.67</i>	<i>0.66</i>	<i>0.64</i>	<i>0.65</i>	<i>0.63</i>	<i>0.63</i>	<i>0.65</i>	<b>0.67</b>	<i>0.67</i>	<i>0.64</i>
Vietnam .....	<b>0.35</b>	<b>0.36</b>	<b>0.39</b>	<b>0.36</b>	<i>0.41</i>	<i>0.41</i>	<i>0.40</i>	<i>0.42</i>	<i>0.45</i>	<i>0.48</i>	<i>0.50</i>	<i>0.52</i>	<b>0.36</b>	<i>0.41</i>	<i>0.49</i>
<b>Africa</b> .....	<b>2.61</b>	<b>2.60</b>	<b>2.57</b>	<b>2.56</b>	<i>2.57</i>	<i>2.58</i>	<i>2.57</i>	<i>2.56</i>	<i>2.60</i>	<i>2.59</i>	<i>2.58</i>	<i>2.59</i>	<b>2.58</b>	<i>2.57</i>	<i>2.59</i>
Egypt .....	<b>0.66</b>	<b>0.66</b>	<b>0.66</b>	<b>0.66</b>	<i>0.67</i>	<i>0.67</i>	<i>0.66</i>	<i>0.67</i>	<i>0.68</i>	<i>0.68</i>	<i>0.68</i>	<i>0.68</i>	<b>0.66</b>	<i>0.67</i>	<i>0.68</i>
Equatorial Guinea .....	<b>0.33</b>	<b>0.33</b>	<b>0.32</b>	<b>0.31</b>	<i>0.31</i>	<i>0.31</i>	<i>0.30</i>	<i>0.29</i>	<i>0.29</i>	<i>0.30</i>	<i>0.30</i>	<i>0.30</i>	<b>0.32</b>	<i>0.30</i>	<i>0.30</i>
Gabon .....	<b>0.23</b>	<b>0.23</b>	<b>0.23</b>	<b>0.22</b>	<i>0.22</i>	<i>0.22</i>	<i>0.21</i>	<i>0.21</i>	<i>0.21</i>	<i>0.20</i>	<i>0.20</i>	<i>0.20</i>	<b>0.23</b>	<i>0.21</i>	<i>0.20</i>
Sudan .....	<b>0.51</b>	<b>0.51</b>	<b>0.51</b>	<b>0.51</b>	<i>0.49</i>	<i>0.49</i>	<i>0.48</i>	<i>0.48</i>	<i>0.49</i>	<i>0.49</i>	<i>0.49</i>	<i>0.49</i>	<b>0.51</b>	<i>0.49</i>	<i>0.49</i>
<b>Total non-OPEC liquids</b> .....	<b>51.39</b>	<b>51.55</b>	<b>51.32</b>	<b>52.09</b>	<i>52.43</i>	<i>52.09</i>	<i>51.12</i>	<i>51.40</i>	<i>51.93</i>	<i>51.69</i>	<i>51.51</i>	<i>51.75</i>	<b>51.59</b>	<i>51.75</i>	<i>51.72</i>
<b>OPEC non-crude liquids</b> .....	<b>5.11</b>	<b>5.32</b>	<b>5.49</b>	<b>5.60</b>	<i>5.98</i>	<i>6.12</i>	<i>6.15</i>	<i>6.19</i>	<i>6.38</i>	<i>6.42</i>	<i>6.45</i>	<i>6.48</i>	<b>5.38</b>	<i>6.11</i>	<i>6.43</i>
<b>Non-OPEC + OPEC non-crude</b> .....	<b>56.50</b>	<b>56.87</b>	<b>56.81</b>	<b>57.69</b>	<i>58.41</i>	<i>58.21</i>	<i>57.27</i>	<i>57.59</i>	<i>58.31</i>	<i>58.12</i>	<i>57.96</i>	<i>58.22</i>	<b>56.97</b>	<i>57.87</i>	<i>58.15</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 - March 2011

	2010				2011				2012				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2010	2011	2012
<b>Crude Oil</b>															
Algeria .....	1.35	1.35	1.35	1.32	-	-	-	-	-	-	-	-	1.34	-	-
Angola .....	1.97	1.94	1.79	1.70	-	-	-	-	-	-	-	-	1.85	-	-
Ecuador .....	0.47	0.48	0.49	0.49	-	-	-	-	-	-	-	-	0.48	-	-
Iran .....	3.80	3.80	3.70	3.70	-	-	-	-	-	-	-	-	3.75	-	-
Iraq .....	2.42	2.37	2.32	2.40	-	-	-	-	-	-	-	-	2.37	-	-
Kuwait .....	2.30	2.30	2.30	2.30	-	-	-	-	-	-	-	-	2.30	-	-
Libya .....	1.65	1.65	1.65	1.65	-	-	-	-	-	-	-	-	1.65	-	-
Nigeria .....	2.03	1.95	2.08	2.12	-	-	-	-	-	-	-	-	2.05	-	-
Qatar .....	0.84	0.85	0.85	0.85	-	-	-	-	-	-	-	-	0.85	-	-
Saudi Arabia .....	8.20	8.37	8.57	8.67	-	-	-	-	-	-	-	-	8.45	-	-
United Arab Emirates .....	2.30	2.30	2.30	2.30	-	-	-	-	-	-	-	-	2.30	-	-
Venezuela .....	2.07	2.09	2.10	2.10	-	-	-	-	-	-	-	-	2.09	-	-
OPEC Total .....	29.40	29.44	29.50	29.60	29.61	29.17	29.61	29.80	30.37	31.30	31.95	32.16	29.48	29.55	31.45
<b>Other Liquids .....</b>	<b>5.11</b>	<b>5.32</b>	<b>5.49</b>	<b>5.60</b>	<i>5.98</i>	<i>6.12</i>	<i>6.15</i>	<i>6.19</i>	<i>6.38</i>	<i>6.42</i>	<i>6.45</i>	<i>6.48</i>	<b>5.38</b>	<i>6.11</i>	<i>6.43</i>
<b>Total OPEC Supply .....</b>	<b>34.51</b>	<b>34.76</b>	<b>34.99</b>	<b>35.20</b>	<i>35.58</i>	<i>35.30</i>	<i>35.76</i>	<i>36.00</i>	<i>36.76</i>	<i>37.72</i>	<i>38.40</i>	<i>38.64</i>	<b>34.87</b>	<i>35.66</i>	<i>37.88</i>
<b>Crude Oil Production Capacity</b>															
Algeria .....	1.35	1.35	1.35	1.32	-	-	-	-	-	-	-	-	1.34	-	-
Angola .....	1.97	1.94	1.79	1.70	-	-	-	-	-	-	-	-	1.85	-	-
Ecuador .....	0.47	0.48	0.49	0.49	-	-	-	-	-	-	-	-	0.48	-	-
Iran .....	3.80	3.80	3.70	3.70	-	-	-	-	-	-	-	-	3.75	-	-
Iraq .....	2.42	2.37	2.32	2.40	-	-	-	-	-	-	-	-	2.37	-	-
Kuwait .....	2.60	2.60	2.60	2.60	-	-	-	-	-	-	-	-	2.60	-	-
Libya .....	1.65	1.65	1.65	1.65	-	-	-	-	-	-	-	-	1.65	-	-
Nigeria .....	2.03	1.95	2.08	2.12	-	-	-	-	-	-	-	-	2.05	-	-
Qatar .....	1.00	1.00	1.00	1.00	-	-	-	-	-	-	-	-	1.00	-	-
Saudi Arabia .....	12.00	12.25	12.25	12.25	-	-	-	-	-	-	-	-	12.19	-	-
United Arab Emirates .....	2.60	2.60	2.60	2.60	-	-	-	-	-	-	-	-	2.60	-	-
Venezuela .....	2.07	2.09	2.10	2.10	-	-	-	-	-	-	-	-	2.09	-	-
OPEC Total .....	33.87	33.98	33.82	33.85	33.73	33.32	33.59	33.80	34.17	34.35	34.76	35.05	33.88	33.61	34.59
<b>Surplus Crude Oil Production Capacity</b>															
Algeria .....	0.00	0.00	0.00	0.00	-	-	-	-	-	-	-	-	0.00	-	-
Angola .....	0.00	0.00	0.00	0.00	-	-	-	-	-	-	-	-	0.00	-	-
Ecuador .....	0.00	0.00	0.00	0.00	-	-	-	-	-	-	-	-	0.00	-	-
Iran .....	0.00	0.00	0.00	0.00	-	-	-	-	-	-	-	-	0.00	-	-
Iraq .....	0.00	0.00	0.00	0.00	-	-	-	-	-	-	-	-	0.00	-	-
Kuwait .....	0.30	0.30	0.30	0.30	-	-	-	-	-	-	-	-	0.30	-	-
Libya .....	0.00	0.00	0.00	0.00	-	-	-	-	-	-	-	-	0.00	-	-
Nigeria .....	0.00	0.00	0.00	0.00	-	-	-	-	-	-	-	-	0.00	-	-
Qatar .....	0.16	0.15	0.15	0.15	-	-	-	-	-	-	-	-	0.15	-	-
Saudi Arabia .....	3.80	3.88	3.68	3.58	-	-	-	-	-	-	-	-	3.74	-	-
United Arab Emirates .....	0.30	0.30	0.30	0.30	-	-	-	-	-	-	-	-	0.30	-	-
Venezuela .....	0.00	0.00	0.00	0.00	-	-	-	-	-	-	-	-	0.00	-	-
OPEC Total .....	4.48	4.54	4.33	4.25	4.12	4.15	3.98	4.00	3.80	3.05	2.82	2.89	4.40	4.06	3.14

- = 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 - March 2011

	2010				2011				2012				2010	2011	2012
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4			
<b>North America</b> .....	<b>23.17</b>	<b>23.42</b>	<b>23.88</b>	<b>23.66</b>	23.57	23.64	23.90	23.82	23.96	23.87	24.13	24.08	<b>23.53</b>	23.73	24.01
Canada .....	<b>2.19</b>	<b>2.23</b>	<b>2.26</b>	<b>2.26</b>	2.27	2.19	2.30	2.29	2.32	2.22	2.34	2.33	<b>2.24</b>	2.26	2.30
Mexico .....	<b>2.14</b>	<b>2.17</b>	<b>2.12</b>	<b>2.13</b>	2.18	2.22	2.17	2.17	2.23	2.27	2.22	2.22	<b>2.14</b>	2.19	2.24
United States .....	<b>18.82</b>	<b>19.01</b>	<b>19.49</b>	<b>19.26</b>	19.11	19.23	19.42	19.35	19.40	19.37	19.57	19.52	<b>19.15</b>	19.28	19.46
<b>Central and South America</b> .....	<b>6.15</b>	<b>6.40</b>	<b>6.39</b>	<b>6.38</b>	6.30	6.56	6.55	6.54	6.53	6.80	6.79	6.78	<b>6.33</b>	6.49	6.73
Brazil .....	<b>2.51</b>	<b>2.62</b>	<b>2.67</b>	<b>2.65</b>	2.64	2.75	2.81	2.78	2.80	2.91	2.97	2.94	<b>2.61</b>	2.74	2.91
<b>Europe</b> .....	<b>14.96</b>	<b>14.89</b>	<b>15.61</b>	<b>15.39</b>	15.13	14.76	15.28	15.39	15.05	14.69	15.21	15.32	<b>15.22</b>	15.14	15.07
<b>FSU and Eastern Europe</b> .....	<b>4.32</b>	<b>4.34</b>	<b>4.49</b>	<b>4.45</b>	4.43	4.48	4.63	4.59	4.53	4.58	4.74	4.70	<b>4.40</b>	4.53	4.64
Russia .....	<b>2.92</b>	<b>2.94</b>	<b>3.04</b>	<b>3.00</b>	2.96	3.02	3.11	3.07	3.01	3.07	3.16	3.12	<b>2.98</b>	3.04	3.09
<b>Middle East</b> .....	<b>6.63</b>	<b>7.37</b>	<b>7.95</b>	<b>7.12</b>	7.12	7.59	8.07	7.38	7.36	7.85	8.35	7.63	<b>7.27</b>	7.54	7.80
<b>Asia and Oceania</b> .....	<b>26.85</b>	<b>26.53</b>	<b>25.93</b>	<b>27.18</b>	28.10	27.30	26.69	27.46	28.87	28.09	27.46	28.22	<b>26.62</b>	27.38	28.16
China .....	<b>8.88</b>	<b>9.31</b>	<b>8.89</b>	<b>9.60</b>	9.68	9.93	9.79	9.70	10.28	10.54	10.40	10.30	<b>9.17</b>	9.77	10.38
Japan .....	<b>4.79</b>	<b>4.04</b>	<b>4.33</b>	<b>4.44</b>	4.76	3.94	3.97	4.34	4.59	3.80	3.83	4.19	<b>4.40</b>	4.25	4.10
India .....	<b>3.33</b>	<b>3.29</b>	<b>3.02</b>	<b>3.26</b>	3.52	3.39	3.11	3.35	3.64	3.50	3.22	3.47	<b>3.22</b>	3.34	3.46
<b>Africa</b> .....	<b>3.37</b>	<b>3.34</b>	<b>3.25</b>	<b>3.34</b>	3.42	3.36	3.32	3.39	3.53	3.47	3.43	3.50	<b>3.32</b>	3.37	3.48
<b>Total OECD Liquid Fuels Consumption</b> .....	<b>45.78</b>	<b>45.10</b>	<b>46.52</b>	<b>46.40</b>	46.47	45.11	45.81	46.49	46.68	45.19	45.90	46.59	<b>45.95</b>	45.97	46.09
<b>Total non-OECD Liquid Fuels Consumption</b> .....	<b>39.66</b>	<b>41.18</b>	<b>40.98</b>	<b>41.12</b>	41.61	42.59	42.63	42.08	43.16	44.17	44.21	43.64	<b>40.74</b>	42.23	43.79
<b>Total World Liquid Fuels Consumption</b> .....	<b>85.43</b>	<b>86.28</b>	<b>87.49</b>	<b>87.51</b>	88.08	87.70	88.44	88.57	89.84	89.36	90.10	90.23	<b>86.69</b>	88.20	89.88
<b>World Real Gross Domestic Product (a)</b> .....															
Index, 2007 Q1 = 100 .....	<b>104.71</b>	<b>105.70</b>	<b>106.40</b>	<b>107.29</b>	108.42	109.53	110.58	111.74	112.62	113.62	114.65	115.79	<b>106.03</b>	110.08	114.18
Percent change from prior year .....	<b>4.0</b>	<b>4.4</b>	<b>4.2</b>	<b>3.8</b>	3.5	3.6	3.9	4.2	3.9	3.7	3.7	3.6	<b>4.1</b>	3.8	3.7
<b>Real U.S. Dollar Exchange Rate (a)</b> .....															
Index, January 2007 = 100 .....	<b>97.58</b>	<b>99.82</b>	<b>98.69</b>	<b>96.17</b>	97.30	97.00	96.43	95.88	95.65	95.73	95.79	95.84	<b>98.06</b>	96.65	95.75
Percent change from prior year .....	<b>-6.4</b>	<b>-1.1</b>	<b>0.7</b>	<b>0.8</b>	-0.3	-2.8	-2.3	-0.3	-1.7	-1.3	-0.7	0.0	<b>-1.5</b>	-1.4	-0.9

- = 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 - March 2011

	2010				2011				2012				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2010	2011	2012
<b>Supply (million barrels per day)</b>															
Crude Oil Supply															
Domestic Production (a) .....	<b>5.47</b>	<b>5.48</b>	<b>5.49</b>	<b>5.61</b>	<i>5.52</i>	<i>5.47</i>	<i>5.29</i>	<i>5.34</i>	<i>5.39</i>	<i>5.33</i>	<i>5.19</i>	<i>5.18</i>	<b>5.51</b>	<i>5.40</i>	<i>5.27</i>
Alaska .....	<b>0.64</b>	<b>0.58</b>	<b>0.57</b>	<b>0.61</b>	<i>0.55</i>	<i>0.56</i>	<i>0.48</i>	<i>0.55</i>	<i>0.56</i>	<i>0.54</i>	<i>0.52</i>	<i>0.50</i>	<b>0.60</b>	<i>0.54</i>	<i>0.53</i>
Federal Gulf of Mexico (b) .....	<b>1.70</b>	<b>1.68</b>	<b>1.59</b>	<b>1.59</b>	<i>1.49</i>	<i>1.39</i>	<i>1.36</i>	<i>1.36</i>	<i>1.33</i>	<i>1.18</i>	<i>1.13</i>	<i>1.18</i>	<b>1.64</b>	<i>1.40</i>	<i>1.21</i>
Lower 48 States (excl GOM) .....	<b>3.12</b>	<b>3.22</b>	<b>3.34</b>	<b>3.41</b>	<i>3.47</i>	<i>3.52</i>	<i>3.45</i>	<i>3.42</i>	<i>3.50</i>	<i>3.61</i>	<i>3.54</i>	<i>3.50</i>	<b>3.27</b>	<i>3.47</i>	<i>3.54</i>
Crude Oil Net Imports (c) .....	<b>8.77</b>	<b>9.71</b>	<b>9.46</b>	<b>8.54</b>	<i>8.77</i>	<i>9.54</i>	<i>9.70</i>	<i>9.14</i>	<i>9.25</i>	<i>9.80</i>	<i>9.82</i>	<i>9.36</i>	<b>9.12</b>	<i>9.29</i>	<i>9.56</i>
SPR Net Withdrawals .....	<b>0.00</b>	<b>0.00</b>	<b>0.00</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>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<b>0.00</b>	<i>0.00</i>	<i>0.00</i>
Commercial Inventory Net Withdrawals .....	<b>-0.34</b>	<b>-0.08</b>	<b>0.03</b>	<b>0.31</b>	<i>-0.26</i>	<i>0.05</i>	<i>0.16</i>	<i>0.07</i>	<i>-0.21</i>	<i>0.03</i>	<i>0.16</i>	<i>0.05</i>	<b>-0.02</b>	<i>0.01</i>	<i>0.01</i>
Crude Oil Adjustment (d) .....	<b>0.08</b>	<b>0.14</b>	<b>0.14</b>	<b>0.07</b>	<i>0.17</i>	<i>0.10</i>	<i>0.04</i>	<i>-0.02</i>	<i>0.07</i>	<i>0.10</i>	<i>0.04</i>	<i>-0.01</i>	<b>0.11</b>	<i>0.07</i>	<i>0.05</i>
Total Crude Oil Input to Refineries .....	<b>13.98</b>	<b>15.24</b>	<b>15.13</b>	<b>14.53</b>	<i>14.22</i>	<i>15.16</i>	<i>15.19</i>	<i>14.54</i>	<i>14.49</i>	<i>15.26</i>	<i>15.20</i>	<i>14.58</i>	<b>14.72</b>	<i>14.78</i>	<i>14.88</i>
Other Supply															
Refinery Processing Gain .....	<b>1.02</b>	<b>1.06</b>	<b>1.09</b>	<b>1.09</b>	<i>1.01</i>	<i>1.02</i>	<i>1.04</i>	<i>1.04</i>	<i>1.00</i>	<i>1.03</i>	<i>1.05</i>	<i>1.05</i>	<b>1.06</b>	<i>1.03</i>	<i>1.03</i>
Natural Gas Liquids Production .....	<b>1.96</b>	<b>1.99</b>	<b>1.99</b>	<b>2.06</b>	<i>2.03</i>	<i>2.04</i>	<i>2.04</i>	<i>2.03</i>	<i>1.98</i>	<i>1.99</i>	<i>2.03</i>	<i>2.06</i>	<b>2.00</b>	<i>2.03</i>	<i>2.01</i>
Renewables and Oxygenate Production (e) .....	<b>0.86</b>	<b>0.89</b>	<b>0.91</b>	<b>0.95</b>	<i>0.94</i>	<i>0.93</i>	<i>0.93</i>	<i>0.93</i>	<i>0.93</i>	<i>0.94</i>	<i>0.94</i>	<i>0.95</i>	<b>0.90</b>	<i>0.93</i>	<i>0.94</i>
Fuel Ethanol Production .....	<b>0.83</b>	<b>0.84</b>	<b>0.87</b>	<b>0.91</b>	<i>0.90</i>	<i>0.90</i>	<i>0.90</i>	<i>0.90</i>	<i>0.90</i>	<i>0.91</i>	<i>0.91</i>	<i>0.92</i>	<b>0.86</b>	<i>0.90</i>	<i>0.91</i>
Petroleum Products Adjustment (f) .....	<b>0.14</b>	<b>0.15</b>	<b>0.19</b>	<b>0.20</b>	<i>0.19</i>	<i>0.15</i>	<i>0.14</i>	<i>0.13</i>	<i>0.13</i>	<i>0.13</i>	<i>0.13</i>	<i>0.13</i>	<b>0.17</b>	<i>0.15</i>	<i>0.13</i>
Product Net Imports (c) .....	<b>0.56</b>	<b>0.26</b>	<b>0.41</b>	<b>0.05</b>	<i>0.41</i>	<i>0.39</i>	<i>0.35</i>	<i>0.31</i>	<i>0.51</i>	<i>0.50</i>	<i>0.50</i>	<i>0.40</i>	<b>0.32</b>	<i>0.37</i>	<i>0.48</i>
Pentanes Plus .....	<b>-0.03</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<i>0.01</i>	<i>-0.01</i>	<i>-0.01</i>	<i>-0.01</i>	<i>-0.01</i>	<i>0.00</i>	<i>0.00</i>	<i>-0.01</i>	<b>-0.01</b>	<i>0.00</i>	<i>-0.01</i>
Liquefied Petroleum Gas .....	<b>0.07</b>	<b>-0.01</b>	<b>-0.02</b>	<b>0.03</b>	<i>0.04</i>	<i>-0.01</i>	<i>0.02</i>	<i>-0.01</i>	<i>0.06</i>	<i>0.05</i>	<i>0.05</i>	<i>0.00</i>	<b>0.02</b>	<i>0.01</i>	<i>0.04</i>
Unfinished Oils .....	<b>0.53</b>	<b>0.58</b>	<b>0.66</b>	<b>0.68</b>	<i>0.61</i>	<i>0.64</i>	<i>0.70</i>	<i>0.62</i>	<i>0.63</i>	<i>0.62</i>	<i>0.71</i>	<i>0.63</i>	<b>0.61</b>	<i>0.64</i>	<i>0.65</i>
Other HC/Oxygenates .....	<b>-0.03</b>	<b>-0.05</b>	<b>-0.07</b>	<b>-0.05</b>	<i>-0.02</i>	<i>-0.04</i>	<i>-0.04</i>	<i>-0.04</i>	<i>-0.04</i>	<i>-0.04</i>	<i>-0.04</i>	<i>-0.04</i>	<b>-0.05</b>	<i>-0.04</i>	<i>-0.04</i>
Motor Gasoline Blend Comp. ....	<b>0.60</b>	<b>0.75</b>	<b>0.88</b>	<b>0.65</b>	<i>0.69</i>	<i>0.72</i>	<i>0.69</i>	<i>0.65</i>	<i>0.69</i>	<i>0.73</i>	<i>0.73</i>	<i>0.69</i>	<b>0.72</b>	<i>0.68</i>	<i>0.71</i>
Finished Motor Gasoline .....	<b>-0.12</b>	<b>-0.11</b>	<b>-0.12</b>	<b>-0.30</b>	<i>-0.10</i>	<i>-0.11</i>	<i>-0.14</i>	<i>-0.19</i>	<i>-0.11</i>	<i>-0.04</i>	<i>-0.06</i>	<i>-0.14</i>	<b>-0.16</b>	<i>-0.14</i>	<i>-0.09</i>
Jet Fuel .....	<b>0.02</b>	<b>0.00</b>	<b>0.02</b>	<b>-0.01</b>	<i>0.00</i>	<i>0.01</i>	<i>0.01</i>	<i>0.02</i>	<i>-0.02</i>	<i>0.00</i>	<i>0.02</i>	<i>0.02</i>	<b>0.01</b>	<i>0.01</i>	<i>0.01</i>
Distillate Fuel Oil .....	<b>-0.11</b>	<b>-0.48</b>	<b>-0.55</b>	<b>-0.58</b>	<i>-0.52</i>	<i>-0.39</i>	<i>-0.38</i>	<i>-0.29</i>	<i>-0.39</i>	<i>-0.38</i>	<i>-0.40</i>	<i>-0.28</i>	<b>-0.43</b>	<i>-0.39</i>	<i>-0.36</i>
Residual Fuel Oil .....	<b>-0.02</b>	<b>-0.04</b>	<b>-0.06</b>	<b>0.02</b>	<i>0.00</i>	<i>-0.02</i>	<i>-0.07</i>	<i>-0.02</i>	<i>0.04</i>	<i>-0.01</i>	<i>-0.07</i>	<i>-0.04</i>	<b>-0.02</b>	<i>-0.03</i>	<i>-0.02</i>
Other Oils (g) .....	<b>-0.35</b>	<b>-0.38</b>	<b>-0.34</b>	<b>-0.39</b>	<i>-0.29</i>	<i>-0.39</i>	<i>-0.44</i>	<i>-0.41</i>	<i>-0.33</i>	<i>-0.42</i>	<i>-0.43</i>	<i>-0.43</i>	<b>-0.36</b>	<i>-0.38</i>	<i>-0.40</i>
Product Inventory Net Withdrawals .....	<b>0.30</b>	<b>-0.57</b>	<b>-0.22</b>	<b>0.38</b>	<i>0.36</i>	<i>-0.48</i>	<i>-0.26</i>	<i>0.38</i>	<i>0.35</i>	<i>-0.49</i>	<i>-0.28</i>	<i>0.36</i>	<b>-0.03</b>	<i>0.00</i>	<i>-0.02</i>
Total Supply .....	<b>18.83</b>	<b>19.01</b>	<b>19.49</b>	<b>19.26</b>	<i>19.16</i>	<i>19.23</i>	<i>19.44</i>	<i>19.36</i>	<i>19.40</i>	<i>19.37</i>	<i>19.57</i>	<i>19.52</i>	<b>19.15</b>	<i>19.30</i>	<i>19.46</i>
<b>Consumption (million barrels per day)</b>															
Natural Gas Liquids and Other Liquids															
Pentanes Plus .....	<b>0.08</b>	<b>0.07</b>	<b>0.10</b>	<b>0.08</b>	<i>0.09</i>	<i>0.08</i>	<i>0.10</i>	<i>0.10</i>	<i>0.08</i>	<i>0.08</i>	<i>0.09</i>	<i>0.10</i>	<b>0.08</b>	<i>0.09</i>	<i>0.09</i>
Liquefied Petroleum Gas .....	<b>2.38</b>	<b>1.80</b>	<b>1.99</b>	<b>2.25</b>	<i>2.35</i>	<i>1.88</i>	<i>1.99</i>	<i>2.18</i>	<i>2.36</i>	<i>1.89</i>	<i>2.00</i>	<i>2.20</i>	<b>2.10</b>	<i>2.10</i>	<i>2.11</i>
Unfinished Oils .....	<b>0.05</b>	<b>0.03</b>	<b>0.01</b>	<b>-0.01</b>	<i>0.02</i>	<i>0.01</i>	<i>-0.01</i>	<i>0.01</i>	<i>0.02</i>	<i>0.01</i>	<i>-0.01</i>	<i>0.02</i>	<b>0.02</b>	<i>0.01</i>	<i>0.01</i>
Finished Liquid Fuels															
Motor Gasoline .....	<b>8.65</b>	<b>9.20</b>	<b>9.29</b>	<b>8.99</b>	<i>8.86</i>	<i>9.21</i>	<i>9.26</i>	<i>9.06</i>	<i>8.91</i>	<i>9.27</i>	<i>9.33</i>	<i>9.14</i>	<b>9.03</b>	<i>9.10</i>	<i>9.16</i>
Jet Fuel .....	<b>1.39</b>	<b>1.44</b>	<b>1.47</b>	<b>1.40</b>	<i>1.39</i>	<i>1.45</i>	<i>1.49</i>	<i>1.43</i>	<i>1.38</i>	<i>1.45</i>	<i>1.50</i>	<i>1.44</i>	<b>1.42</b>	<i>1.44</i>	<i>1.44</i>
Distillate Fuel Oil .....	<b>3.79</b>	<b>3.70</b>	<b>3.75</b>	<b>3.94</b>	<i>3.81</i>	<i>3.80</i>	<i>3.79</i>	<i>3.99</i>	<i>4.02</i>	<i>3.88</i>	<i>3.84</i>	<i>4.06</i>	<b>3.79</b>	<i>3.85</i>	<i>3.95</i>
Residual Fuel Oil .....	<b>0.56</b>	<b>0.53</b>	<b>0.54</b>	<b>0.57</b>	<i>0.59</i>	<i>0.56</i>	<i>0.50</i>	<i>0.55</i>	<i>0.63</i>	<i>0.57</i>	<i>0.51</i>	<i>0.53</i>	<b>0.55</b>	<i>0.55</i>	<i>0.56</i>
Other Oils (f) .....	<b>1.92</b>	<b>2.24</b>	<b>2.34</b>	<b>2.04</b>	<i>1.99</i>	<i>2.23</i>	<i>2.31</i>	<i>2.04</i>	<i>1.99</i>	<i>2.22</i>	<i>2.31</i>	<i>2.04</i>	<b>2.14</b>	<i>2.14</i>	<i>2.14</i>
Total Consumption .....	<b>18.82</b>	<b>19.01</b>	<b>19.49</b>	<b>19.26</b>	<i>19.11</i>	<i>19.23</i>	<i>19.42</i>	<i>19.35</i>	<i>19.40</i>	<i>19.37</i>	<i>19.57</i>	<i>19.52</i>	<b>19.15</b>	<i>19.28</i>	<i>19.46</i>
<b>Total Liquid Fuels Net Imports</b> .....	<b>9.33</b>	<b>9.97</b>	<b>9.88</b>	<b>8.59</b>	<i>9.19</i>	<i>9.94</i>	<i>10.05</i>	<i>9.45</i>	<i>9.76</i>	<i>10.31</i>	<i>10.31</i>	<i>9.75</i>	<b>9.44</b>	<i>9.66</i>	<i>10.03</i>
<b>End-of-period Inventories (million barrels)</b>															
Commercial Inventory															
Crude Oil (excluding SPR) .....	<b>355.4</b>	<b>362.7</b>	<b>360.1</b>	<b>332.0</b>	<i>355.0</i>	<i>350.5</i>	<i>335.7</i>	<i>328.9</i>	<i>348.2</i>	<i>345.4</i>	<i>330.7</i>	<i>326.1</i>	<b>332.0</b>	<i>328.9</i>	<i>326.1</i>
Pentanes Plus .....	<b>9.4</b>	<b>11.5</b>	<b>11.9</b>	<b>12.5</b>	<i>12.9</i>	<i>14.8</i>	<i>15.6</i>	<i>13.2</i>	<i>13.3</i>	<i>15.6</i>	<i>16.9</i>	<i>14.6</i>	<b>12.5</b>	<i>13.2</i>	<i>14.6</i>
Liquefied Petroleum Gas .....	<b>73.2</b>	<b>121.8</b>	<b>141.2</b>	<b>108.8</b>	<i>74.8</i>	<i>115.4</i>	<i>144.1</i>	<i>109.0</i>	<i>75.9</i>	<i>116.5</i>	<i>144.2</i>	<i>110.0</i>	<b>108.8</b>	<i>109.0</i>	<i>110.0</i>
Unfinished Oils .....	<b>86.3</b>	<b>83.4</b>	<b>82.3</b>	<b>80.8</b>	<i>85.8</i>	<i>85.1</i>	<i>86.5</i>	<i>81.0</i>	<i>91.3</i>	<i>86.8</i>	<i>87.0</i>	<i>81.0</i>	<b>80.8</b>	<i>81.0</i>	<i>81.0</i>
Other HC/Oxygenates .....	<b>22.0</b>	<b>20.6</b>	<b>18.9</b>	<b>19.4</b>	<i>21.0</i>	<i>20.8</i>	<i>20.8</i>	<i>20.9</i>	<i>22.0</i>	<i>21.8</i>	<i>21.7</i>	<i>21.8</i>	<b>19.4</b>	<i>20.9</i>	<i>21.8</i>
Total Motor Gasoline .....	<b>224.0</b>	<b>214.8</b>	<b>219.3</b>	<b>219.5</b>	<i>225.5</i>	<i>218.7</i>	<i>210.5</i>	<i>216.0</i>	<i>216.2</i>	<i>215.0</i>	<i>211.0</i>	<i>218.8</i>	<b>219.5</b>	<i>216.0</i>	<i>218.8</i>
Finished Motor Gasoline .....	<b>81.9</b>	<b>71.8</b>	<b>70.2</b>	<b>63.4</b>	<i>68.0</i>	<i>68.7</i>	<i>63.9</i>	<i>64.8</i>	<i>62.2</i>	<i>66.9</i>	<i>64.1</i>	<i>64.5</i>	<b>63.4</b>	<i>64.8</i>	<i>64.5</i>
Motor Gasoline Blend Comp. ....	<b>142.1</b>	<b>143.0</b>	<b>149.1</b>	<b>156.1</b>	<i>157.4</i>	<i>150.0</i>	<i>146.7</i>	<i>151.1</i>	<i>154.0</i>	<i>148.1</i>	<i>146.8</i>	<i>154.4</i>	<b>156.1</b>	<i>151.1</i>	<i>154.4</i>
Jet Fuel .....	<b>41.9</b>	<b>44.9</b>	<b>46.8</b>	<b>43.2</b>	<i>40.0</i>	<i>41.6</i>	<i>42.8</i>	<i>41.6</i>	<i>41.5</i>	<i>42.6</i>	<i>43.6</i>	<i>41.7</i>	<b>43.2</b>	<i>41.6</i>	<i>41.7</i>
Distillate Fuel Oil .....	<b>146.0</b>	<b>157.9</b>	<b>166.7</b>	<b>164.5</b>	<i>150.2</i>	<i>159.0</i>	<i>167.4</i>	<i>167.4</i>	<i>147.6</i>	<i>156.9</i>	<i>166.0</i>	<i>166.7</i>	<b>164.5</b>	<i>167.4</i>	<i>166.7</i>
Residual Fuel Oil .....	<b>40.6</b>	<b>42.3</b>	<b>39.8</b>	<b>41.3</b>	<i>37.3</i>	<i>37.9</i>	<i>37.1</i>	<i>38.6</i>	<i>38.5</i>	<i>38.7</i>	<i>37.6</i>	<i>39.0</i>	<b>41.3</b>	<i>38.6</i>	<i>39.0</i>
Other Oils (f) .....	<b>54.0</b>	<b>52.2</b>	<b>43.2</b>	<b>45.1</b>	<i>55.2</i>	<i>52.9</i>	<i>45.0</i>	<i>47.1</i>	<i>56.7</i>	<i>53.8</i>	<i>45.5</i>	<i>47.1</i>	<b>45.1</b>	<i>47.1</i>	<i>47.1</i>
Total Commercial Inventory .....	<b>1,053</b>	<b>1,112</b>	<b>1,130</b>	<b>1,067</b>	<i>1,058</i>	<i>1,097</i>	<i>1,106</i>	<i>1,064</i>	<i>1,051</i>	<i>1,093</i>	<i>1,104</i>	<i>1,067</i>	<b>1,067</b>	<i>1,064</i>	<i>1,067</i>
Crude Oil in SPR .....	<b>727</b>	<b>727</b>	<b>727</b>	<b>727</b>	<i>727</i>	<i>727</i>	<i>727</i>	<i>727</i>	<i>727</i>	<i>727</i>	<i>727</i>	<i>727</i>	<b>727</b>	<i>727</i>	<i>727</i>
Heating Oil Reserve .....	<b>2.0</b>	<b>2.0</b>	<b>2.0</b>	<b>2.0</b>	<i>0.0</i>	<									

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

Energy Information Administration/Short-Term Energy Outlook - March 2011

	2010				2011				2012				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2010	2011	2012
<b>Refinery and Blender Net Inputs</b>															
Crude Oil .....	<b>13.98</b>	<b>15.24</b>	<b>15.13</b>	<b>14.53</b>	<i>14.22</i>	<i>15.16</i>	<i>15.19</i>	<i>14.54</i>	<i>14.49</i>	<i>15.26</i>	<i>15.20</i>	<i>14.58</i>	<b>14.72</b>	<i>14.78</i>	<i>14.88</i>
Pentanes Plus .....	<b>0.14</b>	<b>0.15</b>	<b>0.16</b>	<b>0.17</b>	<i>0.17</i>	<i>0.15</i>	<i>0.16</i>	<i>0.17</i>	<i>0.15</i>	<i>0.15</i>	<i>0.16</i>	<i>0.17</i>	<b>0.16</b>	<i>0.16</i>	<i>0.16</i>
Liquefied Petroleum Gas .....	<b>0.30</b>	<b>0.22</b>	<b>0.23</b>	<b>0.36</b>	<i>0.34</i>	<i>0.25</i>	<i>0.25</i>	<i>0.38</i>	<i>0.31</i>	<i>0.25</i>	<i>0.26</i>	<i>0.38</i>	<b>0.28</b>	<i>0.30</i>	<i>0.30</i>
Other Hydrocarbons/Oxygenates .....	<b>0.87</b>	<b>0.95</b>	<b>0.99</b>	<b>1.01</b>	<i>0.98</i>	<i>1.00</i>	<i>0.99</i>	<i>0.98</i>	<i>1.00</i>	<i>1.00</i>	<i>1.00</i>	<i>1.00</i>	<b>0.96</b>	<i>0.99</i>	<i>1.00</i>
Unfinished Oils .....	<b>0.42</b>	<b>0.58</b>	<b>0.66</b>	<b>0.70</b>	<i>0.53</i>	<i>0.64</i>	<i>0.70</i>	<i>0.67</i>	<i>0.49</i>	<i>0.67</i>	<i>0.71</i>	<i>0.68</i>	<b>0.59</b>	<i>0.64</i>	<i>0.64</i>
Motor Gasoline Blend Components .....	<b>0.47</b>	<b>0.70</b>	<b>0.85</b>	<b>0.62</b>	<i>0.62</i>	<i>0.75</i>	<i>0.68</i>	<i>0.58</i>	<i>0.62</i>	<i>0.74</i>	<i>0.70</i>	<i>0.59</i>	<b>0.66</b>	<i>0.66</i>	<i>0.66</i>
Aviation Gasoline Blend Components .....	<b>0.00</b>	<b>0.00</b>	<b>0.00</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>	<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>16.17</b>	<b>17.86</b>	<b>18.02</b>	<b>17.38</b>	<i>16.85</i>	<i>17.96</i>	<i>17.98</i>	<i>17.32</i>	<i>17.06</i>	<i>18.08</i>	<i>18.03</i>	<i>17.40</i>	<b>17.36</b>	<i>17.53</i>	<i>17.64</i>
<b>Refinery Processing Gain</b> .....	<b>1.02</b>	<b>1.06</b>	<b>1.09</b>	<b>1.09</b>	<i>1.01</i>	<i>1.02</i>	<i>1.04</i>	<i>1.04</i>	<i>1.00</i>	<i>1.03</i>	<i>1.05</i>	<i>1.05</i>	<b>1.06</b>	<i>1.03</i>	<i>1.03</i>
<b>Refinery and Blender Net Production</b>															
Liquefied Petroleum Gas .....	<b>0.57</b>	<b>0.85</b>	<b>0.75</b>	<b>0.44</b>	<i>0.53</i>	<i>0.83</i>	<i>0.78</i>	<i>0.43</i>	<i>0.52</i>	<i>0.83</i>	<i>0.77</i>	<i>0.42</i>	<b>0.65</b>	<i>0.64</i>	<i>0.64</i>
Finished Motor Gasoline .....	<b>8.58</b>	<b>9.09</b>	<b>9.35</b>	<b>9.16</b>	<i>8.88</i>	<i>9.22</i>	<i>9.24</i>	<i>9.18</i>	<i>8.92</i>	<i>9.26</i>	<i>9.26</i>	<i>9.21</i>	<b>9.05</b>	<i>9.13</i>	<i>9.16</i>
Jet Fuel .....	<b>1.35</b>	<b>1.47</b>	<b>1.47</b>	<b>1.38</b>	<i>1.36</i>	<i>1.45</i>	<i>1.49</i>	<i>1.40</i>	<i>1.40</i>	<i>1.46</i>	<i>1.49</i>	<i>1.39</i>	<b>1.42</b>	<i>1.43</i>	<i>1.44</i>
Distillate Fuel .....	<b>3.69</b>	<b>4.31</b>	<b>4.39</b>	<b>4.50</b>	<i>4.17</i>	<i>4.29</i>	<i>4.28</i>	<i>4.28</i>	<i>4.19</i>	<i>4.36</i>	<i>4.35</i>	<i>4.35</i>	<b>4.23</b>	<i>4.26</i>	<i>4.31</i>
Residual Fuel .....	<b>0.61</b>	<b>0.59</b>	<b>0.57</b>	<b>0.56</b>	<i>0.55</i>	<i>0.59</i>	<i>0.56</i>	<i>0.58</i>	<i>0.60</i>	<i>0.59</i>	<i>0.57</i>	<i>0.58</i>	<b>0.58</b>	<i>0.57</i>	<i>0.58</i>
Other Oils (a) .....	<b>2.39</b>	<b>2.60</b>	<b>2.58</b>	<b>2.45</b>	<i>2.39</i>	<i>2.60</i>	<i>2.65</i>	<i>2.47</i>	<i>2.43</i>	<i>2.60</i>	<i>2.65</i>	<i>2.49</i>	<b>2.51</b>	<i>2.53</i>	<i>2.54</i>
Total Refinery and Blender Net Production .....	<b>17.19</b>	<b>18.91</b>	<b>19.11</b>	<b>18.47</b>	<i>17.87</i>	<i>18.98</i>	<i>19.02</i>	<i>18.36</i>	<i>18.06</i>	<i>19.11</i>	<i>19.08</i>	<i>18.45</i>	<b>18.43</b>	<i>18.56</i>	<i>18.68</i>
<b>Refinery Distillation Inputs</b> .....	<b>14.32</b>	<b>15.65</b>	<b>15.62</b>	<b>15.05</b>	<i>14.55</i>	<i>15.48</i>	<i>15.52</i>	<i>14.89</i>	<i>14.83</i>	<i>15.59</i>	<i>15.53</i>	<i>14.93</i>	<b>15.16</b>	<i>15.11</i>	<i>15.22</i>
<b>Refinery Operable Distillation Capacity</b> .....	<b>17.58</b>	<b>17.59</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>	<i>17.59</i>	<i>17.59</i>	<i>17.59</i>	<b>17.59</b>	<i>17.59</i>	<i>17.59</i>
<b>Refinery Distillation Utilization Factor</b> .....	<b>0.81</b>	<b>0.89</b>	<b>0.89</b>	<b>0.86</b>	<i>0.83</i>	<i>0.88</i>	<i>0.88</i>	<i>0.85</i>	<i>0.84</i>	<i>0.89</i>	<i>0.88</i>	<i>0.85</i>	<b>0.86</b>	<i>0.86</i>	<i>0.87</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 - March 2011

	2010				2011				2012				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2010	2011	2012
<b>Prices (cents per gallon)</b>															
<b>Refiner Wholesale Price</b> .....	<b>211</b>	<b>218</b>	<b>210</b>	<b>227</b>	<i>267</i>	<i>308</i>	<i>300</i>	<i>287</i>	<i>295</i>	<i>301</i>	<i>294</i>	<i>279</i>	<b>217</b>	<i>291</i>	<i>292</i>
<b>Gasoline Regular Grade Retail Prices Excluding Taxes</b>															
PADD 1 (East Coast) .....	<b>223</b>	<b>229</b>	<b>217</b>	<b>240</b>	<i>280</i>	<i>318</i>	<i>312</i>	<i>300</i>	<i>306</i>	<i>312</i>	<i>307</i>	<i>292</i>	<b>227</b>	<i>303</i>	<i>304</i>
PADD 2 (Midwest) .....	<b>218</b>	<b>228</b>	<b>221</b>	<b>237</b>	<i>281</i>	<i>318</i>	<i>311</i>	<i>296</i>	<i>304</i>	<i>311</i>	<i>305</i>	<i>289</i>	<b>226</b>	<i>302</i>	<i>302</i>
PADD 3 (Gulf Coast) .....	<b>216</b>	<b>227</b>	<b>215</b>	<b>231</b>	<i>274</i>	<i>316</i>	<i>309</i>	<i>295</i>	<i>302</i>	<i>309</i>	<i>303</i>	<i>288</i>	<b>222</b>	<i>299</i>	<i>301</i>
PADD 4 (Rocky Mountain) .....	<b>218</b>	<b>236</b>	<b>231</b>	<b>230</b>	<i>262</i>	<i>319</i>	<i>322</i>	<i>301</i>	<i>300</i>	<i>314</i>	<i>316</i>	<i>294</i>	<b>229</b>	<i>302</i>	<i>306</i>
PADD 5 (West Coast) .....	<b>239</b>	<b>247</b>	<b>246</b>	<b>253</b>	<i>292</i>	<i>337</i>	<i>332</i>	<i>315</i>	<i>321</i>	<i>333</i>	<i>327</i>	<i>308</i>	<b>246</b>	<i>320</i>	<i>322</i>
U.S. Average .....	<b>223</b>	<b>231</b>	<b>223</b>	<b>239</b>	<i>280</i>	<i>321</i>	<i>315</i>	<i>301</i>	<i>307</i>	<i>315</i>	<i>310</i>	<i>293</i>	<b>229</b>	<i>305</i>	<i>306</i>
<b>Gasoline Regular Grade Retail Prices Including Taxes</b>															
PADD 1 .....	<b>271</b>	<b>278</b>	<b>265</b>	<b>288</b>	<i>329</i>	<i>369</i>	<i>363</i>	<i>350</i>	<i>356</i>	<i>362</i>	<i>358</i>	<i>343</i>	<b>275</b>	<i>353</i>	<i>355</i>
PADD 2 .....	<b>265</b>	<b>276</b>	<b>270</b>	<b>286</b>	<i>330</i>	<i>368</i>	<i>362</i>	<i>346</i>	<i>353</i>	<i>361</i>	<i>356</i>	<i>339</i>	<b>274</b>	<i>352</i>	<i>352</i>
PADD 3 .....	<b>259</b>	<b>269</b>	<b>257</b>	<b>272</b>	<i>316</i>	<i>359</i>	<i>353</i>	<i>338</i>	<i>345</i>	<i>352</i>	<i>347</i>	<i>331</i>	<b>264</b>	<i>342</i>	<i>344</i>
PADD 4 .....	<b>264</b>	<b>284</b>	<b>279</b>	<b>279</b>	<i>311</i>	<i>367</i>	<i>370</i>	<i>350</i>	<i>348</i>	<i>362</i>	<i>365</i>	<i>343</i>	<b>277</b>	<i>350</i>	<i>355</i>
PADD 5 .....	<b>294</b>	<b>304</b>	<b>304</b>	<b>311</b>	<i>351</i>	<i>398</i>	<i>395</i>	<i>377</i>	<i>382</i>	<i>394</i>	<i>390</i>	<i>370</i>	<b>303</b>	<i>381</i>	<i>384</i>
U.S. Average .....	<b>271</b>	<b>281</b>	<b>272</b>	<b>288</b>	<i>330</i>	<i>372</i>	<i>367</i>	<i>352</i>	<i>358</i>	<i>366</i>	<i>362</i>	<i>344</i>	<b>278</b>	<i>356</i>	<i>357</i>
<b>Gasoline All Grades Including Taxes</b>	<b>277</b>	<b>286</b>	<b>277</b>	<b>294</b>	<i>335</i>	<i>377</i>	<i>372</i>	<i>357</i>	<i>363</i>	<i>371</i>	<i>367</i>	<i>350</i>	<b>283</b>	<i>361</i>	<i>363</i>
<b>End-of-period Inventories (million barrels)</b>															
<b>Total Gasoline Inventories</b>															
PADD 1 .....	<b>56.6</b>	<b>59.9</b>	<b>55.3</b>	<b>52.7</b>	<i>60.7</i>	<i>58.4</i>	<i>54.5</i>	<i>56.3</i>	<i>55.3</i>	<i>56.7</i>	<i>54.0</i>	<i>56.8</i>	<b>52.7</b>	<i>56.3</i>	<i>56.8</i>
PADD 2 .....	<b>55.2</b>	<b>48.9</b>	<b>52.5</b>	<b>49.1</b>	<i>52.0</i>	<i>51.3</i>	<i>51.9</i>	<i>51.7</i>	<i>52.1</i>	<i>51.3</i>	<i>51.8</i>	<i>52.3</i>	<b>49.1</b>	<i>51.7</i>	<i>52.3</i>
PADD 3 .....	<b>74.2</b>	<b>72.5</b>	<b>73.9</b>	<b>78.4</b>	<i>76.0</i>	<i>73.4</i>	<i>68.9</i>	<i>70.6</i>	<i>72.2</i>	<i>71.3</i>	<i>70.0</i>	<i>72.5</i>	<b>78.4</b>	<i>70.6</i>	<i>72.5</i>
PADD 4 .....	<b>5.9</b>	<b>6.4</b>	<b>6.5</b>	<b>7.0</b>	<i>6.5</i>	<i>6.2</i>	<i>6.3</i>	<i>6.9</i>	<i>6.6</i>	<i>6.3</i>	<i>6.3</i>	<i>6.9</i>	<b>7.0</b>	<i>6.9</i>	<i>6.9</i>
PADD 5 .....	<b>32.1</b>	<b>27.2</b>	<b>31.1</b>	<b>32.3</b>	<i>30.2</i>	<i>29.5</i>	<i>28.9</i>	<i>30.5</i>	<i>30.0</i>	<i>29.4</i>	<i>28.8</i>	<i>30.4</i>	<b>32.3</b>	<i>30.5</i>	<i>30.4</i>
U.S. Total .....	<b>224.0</b>	<b>214.8</b>	<b>219.3</b>	<b>219.5</b>	<i>225.5</i>	<i>218.7</i>	<i>210.5</i>	<i>216.0</i>	<i>216.2</i>	<i>215.0</i>	<i>211.0</i>	<i>218.8</i>	<b>219.5</b>	<i>216.0</i>	<i>218.8</i>
<b>Finished Gasoline Inventories</b>															
PADD 1 .....	<b>15.4</b>	<b>13.3</b>	<b>10.1</b>	<b>8.9</b>	<i>10.1</i>	<i>10.8</i>	<i>9.1</i>	<i>10.0</i>	<i>8.0</i>	<i>10.5</i>	<i>9.0</i>	<i>10.0</i>	<b>8.9</b>	<i>10.0</i>	<i>10.0</i>
PADD 2 .....	<b>27.9</b>	<b>24.3</b>	<b>24.8</b>	<b>23.0</b>	<i>25.4</i>	<i>25.5</i>	<i>25.7</i>	<i>25.8</i>	<i>24.9</i>	<i>24.5</i>	<i>24.6</i>	<i>24.7</i>	<b>23.0</b>	<i>25.8</i>	<i>24.7</i>
PADD 3 .....	<b>29.4</b>	<b>25.2</b>	<b>25.9</b>	<b>22.7</b>	<i>23.0</i>	<i>22.5</i>	<i>19.7</i>	<i>20.6</i>	<i>20.0</i>	<i>22.3</i>	<i>21.5</i>	<i>21.8</i>	<b>22.7</b>	<i>20.6</i>	<i>21.8</i>
PADD 4 .....	<b>4.1</b>	<b>4.1</b>	<b>4.2</b>	<b>4.7</b>	<i>4.4</i>	<i>4.4</i>	<i>4.2</i>	<i>4.5</i>	<i>4.4</i>	<i>4.4</i>	<i>4.2</i>	<i>4.5</i>	<b>4.7</b>	<i>4.5</i>	<i>4.5</i>
PADD 5 .....	<b>5.1</b>	<b>4.9</b>	<b>5.3</b>	<b>4.2</b>	<i>5.0</i>	<i>5.5</i>	<i>5.1</i>	<i>3.9</i>	<i>5.0</i>	<i>5.3</i>	<i>4.9</i>	<i>3.5</i>	<b>4.2</b>	<i>3.9</i>	<i>3.5</i>
U.S. Total .....	<b>81.9</b>	<b>71.8</b>	<b>70.2</b>	<b>63.4</b>	<i>68.0</i>	<i>68.7</i>	<i>63.9</i>	<i>64.8</i>	<i>62.2</i>	<i>66.9</i>	<i>64.1</i>	<i>64.5</i>	<b>63.4</b>	<i>64.8</i>	<i>64.5</i>
<b>Gasoline Blending Components Inventories</b>															
PADD 1 .....	<b>41.3</b>	<b>46.6</b>	<b>45.3</b>	<b>43.8</b>	<i>50.6</i>	<i>47.6</i>	<i>45.5</i>	<i>46.4</i>	<i>47.3</i>	<i>46.3</i>	<i>45.0</i>	<i>46.7</i>	<b>43.8</b>	<i>46.4</i>	<i>46.7</i>
PADD 2 .....	<b>27.3</b>	<b>24.6</b>	<b>27.8</b>	<b>26.2</b>	<i>26.6</i>	<i>25.8</i>	<i>26.1</i>	<i>25.8</i>	<i>27.2</i>	<i>26.8</i>	<i>27.2</i>	<i>27.5</i>	<b>26.2</b>	<i>25.8</i>	<i>27.5</i>
PADD 3 .....	<b>44.8</b>	<b>47.3</b>	<b>48.0</b>	<b>55.6</b>	<i>52.9</i>	<i>50.8</i>	<i>49.1</i>	<i>50.0</i>	<i>52.2</i>	<i>49.0</i>	<i>48.5</i>	<i>50.7</i>	<b>55.6</b>	<i>50.0</i>	<i>50.7</i>
PADD 4 .....	<b>1.8</b>	<b>2.2</b>	<b>2.3</b>	<b>2.3</b>	<i>2.1</i>	<i>1.8</i>	<i>2.1</i>	<i>2.4</i>	<i>2.2</i>	<i>1.9</i>	<i>2.1</i>	<i>2.5</i>	<b>2.3</b>	<i>2.4</i>	<i>2.5</i>
PADD 5 .....	<b>27.0</b>	<b>22.2</b>	<b>25.8</b>	<b>28.1</b>	<i>25.2</i>	<i>23.9</i>	<i>23.8</i>	<i>26.6</i>	<i>25.0</i>	<i>24.1</i>	<i>24.0</i>	<i>26.9</i>	<b>28.1</b>	<i>26.6</i>	<i>26.9</i>
U.S. Total .....	<b>142.1</b>	<b>143.0</b>	<b>149.1</b>	<b>156.1</b>	<i>157.4</i>	<i>150.0</i>	<i>146.7</i>	<i>151.1</i>	<i>154.0</i>	<i>148.1</i>	<i>146.8</i>	<i>154.4</i>	<b>156.1</b>	<i>151.1</i>	<i>154.4</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 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 - March 2011

	2010				2011				2012				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2010	2011	2012
<b>Prices (cents per gallon)</b>															
<b>Refiner Wholesale Prices</b>															
Heating Oil .....	<b>205</b>	<b>212</b>	<b>204</b>	<b>234</b>	275	301	296	299	306	297	290	293	<b>215</b>	290	299
Diesel Fuel .....	<b>209</b>	<b>220</b>	<b>215</b>	<b>240</b>	284	311	307	305	308	304	298	295	<b>221</b>	302	301
<b>Heating Oil Residential Prices Excluding Taxes</b>															
Northeast .....	<b>277</b>	<b>276</b>	<b>264</b>	<b>300</b>	343	357	354	369	381	365	352	365	<b>284</b>	353	372
South .....	<b>275</b>	<b>260</b>	<b>253</b>	<b>290</b>	333	344	342	365	378	349	341	363	<b>276</b>	344	366
Midwest .....	<b>250</b>	<b>258</b>	<b>253</b>	<b>284</b>	317	343	343	350	353	343	339	345	<b>263</b>	333	348
West .....	<b>285</b>	<b>300</b>	<b>291</b>	<b>314</b>	345	378	375	384	389	380	373	381	<b>299</b>	367	383
U.S. Average .....	<b>272</b>	<b>273</b>	<b>261</b>	<b>298</b>	341	356	353	368	380	364	351	365	<b>280</b>	352	371
<b>Heating Oil Residential Prices Including State Taxes</b>															
Northeast .....	<b>292</b>	<b>290</b>	<b>277</b>	<b>316</b>	361	375	371	388	401	384	370	385	<b>299</b>	372	391
South .....	<b>289</b>	<b>274</b>	<b>266</b>	<b>305</b>	351	362	360	384	398	368	358	382	<b>291</b>	362	386
Midwest .....	<b>264</b>	<b>272</b>	<b>267</b>	<b>301</b>	334	362	362	370	373	362	358	365	<b>278</b>	352	368
West .....	<b>294</b>	<b>312</b>	<b>298</b>	<b>322</b>	356	392	383	393	401	394	381	391	<b>308</b>	377	394
U.S. Average .....	<b>290</b>	<b>288</b>	<b>276</b>	<b>314</b>	359	374	370	387	400	382	369	384	<b>297</b>	370	390
<b>Total Distillate End-of-period Inventories (million barrels)</b>															
PADD 1 (East Coast) .....	<b>56.6</b>	<b>62.7</b>	<b>71.7</b>	<b>62.9</b>	53.1	61.2	70.6	67.9	51.5	60.2	70.4	68.4	<b>62.9</b>	67.9	68.4
PADD 2 (Midwest) .....	<b>30.1</b>	<b>30.6</b>	<b>32.0</b>	<b>32.1</b>	30.5	29.9	30.5	31.1	31.4	30.4	30.9	31.4	<b>32.1</b>	31.1	31.4
PADD 3 (Gulf Coast) .....	<b>45.5</b>	<b>48.6</b>	<b>47.9</b>	<b>51.1</b>	50.9	52.1	51.3	51.9	49.2	50.7	49.8	50.4	<b>51.1</b>	51.9	50.4
PADD 4 (Rocky Mountain) ....	<b>3.0</b>	<b>3.0</b>	<b>3.1</b>	<b>3.7</b>	3.3	3.1	3.0	3.2	3.2	3.1	3.0	3.2	<b>3.7</b>	3.2	3.2
PADD 5 (West Coast) .....	<b>10.8</b>	<b>13.0</b>	<b>12.0</b>	<b>14.7</b>	12.4	12.7	12.0	13.3	12.3	12.6	12.0	13.4	<b>14.7</b>	13.3	13.4
U.S. Total .....	<b>146.0</b>	<b>157.9</b>	<b>166.7</b>	<b>164.5</b>	150.2	159.0	167.4	167.4	147.6	156.9	166.0	166.7	<b>164.5</b>	167.4	166.7

- = no data available

Prices are not adjusted for inflation.

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

Regions refer to Petroleum Administration for Defense Districts (PADD) 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 - March 2011

	2010				2011				2012				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2010	2011	2012
<b>Prices (cents per gallon)</b>															
<b>Propane Wholesale Price (a) .....</b>	<b>123</b>	<b>109</b>	<b>107</b>	<b>126</b>	<i>137</i>	<i>144</i>	<i>143</i>	<i>150</i>	<i>155</i>	<i>146</i>	<i>144</i>	<i>149</i>	<b>118</b>	<i>143</i>	<i>149</i>
<b>Propane Residential Prices excluding Taxes</b>															
Northeast .....	<b>269</b>	<b>263</b>	<b>259</b>	<b>271</b>	<i>309</i>	<i>310</i>	<i>297</i>	<i>305</i>	<i>314</i>	<i>310</i>	<i>302</i>	<i>311</i>	<b>268</b>	<i>307</i>	<i>311</i>
South .....	<b>253</b>	<b>238</b>	<b>218</b>	<b>244</b>	<i>279</i>	<i>269</i>	<i>253</i>	<i>278</i>	<i>291</i>	<i>276</i>	<i>259</i>	<i>283</i>	<b>245</b>	<i>274</i>	<i>283</i>
Midwest .....	<b>184</b>	<b>176</b>	<b>167</b>	<b>185</b>	<i>201</i>	<i>205</i>	<i>196</i>	<i>219</i>	<i>235</i>	<i>225</i>	<i>205</i>	<i>226</i>	<b>182</b>	<i>207</i>	<i>227</i>
West .....	<b>246</b>	<b>225</b>	<b>199</b>	<b>237</b>	<i>263</i>	<i>259</i>	<i>242</i>	<i>272</i>	<i>293</i>	<i>273</i>	<i>247</i>	<i>277</i>	<b>232</b>	<i>262</i>	<i>278</i>
U.S. Average .....	<b>228</b>	<b>221</b>	<b>200</b>	<b>224</b>	<i>250</i>	<i>254</i>	<i>233</i>	<i>256</i>	<i>273</i>	<i>266</i>	<i>240</i>	<i>262</i>	<b>222</b>	<i>250</i>	<i>264</i>
<b>Propane Residential Prices including State Taxes</b>															
Northeast .....	<b>282</b>	<b>276</b>	<b>271</b>	<b>284</b>	<i>324</i>	<i>325</i>	<i>311</i>	<i>320</i>	<i>330</i>	<i>325</i>	<i>317</i>	<i>326</i>	<b>281</b>	<i>322</i>	<i>326</i>
South .....	<b>267</b>	<b>251</b>	<b>230</b>	<b>258</b>	<i>294</i>	<i>284</i>	<i>267</i>	<i>293</i>	<i>307</i>	<i>291</i>	<i>273</i>	<i>299</i>	<b>258</b>	<i>289</i>	<i>298</i>
Midwest .....	<b>195</b>	<b>186</b>	<b>177</b>	<b>196</b>	<i>213</i>	<i>217</i>	<i>208</i>	<i>232</i>	<i>248</i>	<i>238</i>	<i>217</i>	<i>239</i>	<b>192</b>	<i>219</i>	<i>240</i>
West .....	<b>261</b>	<b>238</b>	<b>211</b>	<b>250</b>	<i>278</i>	<i>275</i>	<i>255</i>	<i>288</i>	<i>309</i>	<i>289</i>	<i>261</i>	<i>293</i>	<b>245</b>	<i>277</i>	<i>294</i>
U.S. Average .....	<b>240</b>	<b>233</b>	<b>211</b>	<b>236</b>	<i>263</i>	<i>268</i>	<i>246</i>	<i>270</i>	<i>288</i>	<i>281</i>	<i>253</i>	<i>276</i>	<b>234</b>	<i>264</i>	<i>279</i>
<b>Propane End-of-period Inventories (million barrels)</b>															
PADD 1 (East Coast) .....	<b>2.6</b>	<b>4.0</b>	<b>4.3</b>	<b>4.1</b>	<i>2.9</i>	<i>4.1</i>	<i>4.6</i>	<i>4.2</i>	<i>2.4</i>	<i>3.8</i>	<i>4.5</i>	<i>4.1</i>	<b>4.1</b>	<i>4.2</i>	<i>4.1</i>
PADD 2 (Midwest) .....	<b>10.1</b>	<b>20.0</b>	<b>25.7</b>	<b>20.5</b>	<i>7.9</i>	<i>17.3</i>	<i>24.5</i>	<i>19.2</i>	<i>8.9</i>	<i>17.5</i>	<i>24.3</i>	<i>19.6</i>	<b>20.5</b>	<i>19.2</i>	<i>19.6</i>
PADD 3 (Gulf Coast) .....	<b>14.7</b>	<b>25.3</b>	<b>28.4</b>	<b>23.1</b>	<i>14.6</i>	<i>25.6</i>	<i>33.8</i>	<i>27.2</i>	<i>15.9</i>	<i>26.8</i>	<i>33.5</i>	<i>26.6</i>	<b>23.1</b>	<i>27.2</i>	<i>26.6</i>
PADD 4 (Rocky Mountain) .....	<b>0.3</b>	<b>0.3</b>	<b>0.3</b>	<b>0.4</b>	<i>0.3</i>	<i>0.4</i>	<i>0.4</i>	<i>0.4</i>	<i>0.4</i>	<i>0.4</i>	<i>0.4</i>	<i>0.4</i>	<b>0.4</b>	<i>0.4</i>	<i>0.4</i>
PADD 5 (West Coast) .....	<b>0.4</b>	<b>1.0</b>	<b>2.0</b>	<b>1.2</b>	<i>0.3</i>	<i>1.0</i>	<i>2.2</i>	<i>1.5</i>	<i>0.4</i>	<i>1.1</i>	<i>2.3</i>	<i>1.6</i>	<b>1.2</b>	<i>1.5</i>	<i>1.6</i>
U.S. Total .....	<b>28.1</b>	<b>50.5</b>	<b>60.7</b>	<b>49.4</b>	<i>26.0</i>	<i>48.4</i>	<i>65.5</i>	<i>52.4</i>	<i>28.0</i>	<i>49.6</i>	<i>65.0</i>	<i>52.2</i>	<b>49.4</b>	<i>52.4</i>	<i>52.2</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 - March 2011

	2010				2011				2012				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2010	2011	2012
<b>Supply (billion cubic feet per day)</b>															
Total Marketed Production .....	<b>60.59</b>	<b>61.27</b>	<b>61.97</b>	<b>63.39</b>	<i>63.01</i>	<i>62.50</i>	<i>61.88</i>	<i>61.79</i>	<i>61.77</i>	<i>62.22</i>	<i>63.34</i>	<i>64.17</i>	<b>61.82</b>	<i>62.29</i>	<i>62.88</i>
Alaska .....	<b>1.16</b>	<b>0.98</b>	<b>0.89</b>	<b>1.11</b>	<i>1.15</i>	<i>1.05</i>	<i>0.94</i>	<i>1.07</i>	<i>1.14</i>	<i>0.93</i>	<i>0.97</i>	<i>1.09</i>	<b>1.03</b>	<i>1.05</i>	<i>1.03</i>
Federal GOM (a) .....	<b>6.67</b>	<b>6.22</b>	<b>5.94</b>	<b>5.81</b>	<i>5.84</i>	<i>5.79</i>	<i>5.46</i>	<i>5.50</i>	<i>5.54</i>	<i>5.70</i>	<i>5.61</i>	<i>5.70</i>	<b>6.16</b>	<i>5.64</i>	<i>5.64</i>
Lower 48 States (excl GOM) .....	<b>52.77</b>	<b>54.07</b>	<b>55.14</b>	<b>56.47</b>	<i>56.02</i>	<i>55.66</i>	<i>55.48</i>	<i>55.22</i>	<i>55.08</i>	<i>55.59</i>	<i>56.76</i>	<i>57.38</i>	<b>54.63</b>	<i>55.59</i>	<i>56.21</i>
Total Dry Gas Production .....	<b>57.93</b>	<b>58.56</b>	<b>59.28</b>	<b>60.59</b>	<i>60.23</i>	<i>59.74</i>	<i>59.14</i>	<i>59.06</i>	<i>59.04</i>	<i>59.47</i>	<i>60.54</i>	<i>61.33</i>	<b>59.10</b>	<i>59.54</i>	<i>60.10</i>
Gross Imports .....	<b>11.40</b>	<b>9.65</b>	<b>9.93</b>	<b>9.40</b>	<i>10.10</i>	<i>9.06</i>	<i>9.78</i>	<i>9.32</i>	<i>10.10</i>	<i>8.91</i>	<i>9.52</i>	<i>8.99</i>	<b>10.09</b>	<i>9.56</i>	<i>9.38</i>
Pipeline .....	<b>9.86</b>	<b>8.44</b>	<b>8.99</b>	<b>8.37</b>	<i>8.93</i>	<i>7.86</i>	<i>8.65</i>	<i>8.23</i>	<i>9.02</i>	<i>7.68</i>	<i>8.32</i>	<i>7.88</i>	<b>8.91</b>	<i>8.42</i>	<i>8.22</i>
LNG .....	<b>1.55</b>	<b>1.22</b>	<b>0.94</b>	<b>1.02</b>	<i>1.17</i>	<i>1.20</i>	<i>1.13</i>	<i>1.09</i>	<i>1.08</i>	<i>1.23</i>	<i>1.20</i>	<i>1.11</i>	<b>1.18</b>	<i>1.15</i>	<i>1.15</i>
Gross Exports .....	<b>3.12</b>	<b>2.77</b>	<b>2.71</b>	<b>3.70</b>	<i>3.53</i>	<i>2.45</i>	<i>2.42</i>	<i>3.13</i>	<i>3.50</i>	<i>2.46</i>	<i>2.45</i>	<i>3.16</i>	<b>3.07</b>	<i>2.88</i>	<i>2.89</i>
Net Imports .....	<b>8.28</b>	<b>6.89</b>	<b>7.22</b>	<b>5.70</b>	<i>6.57</i>	<i>6.61</i>	<i>7.35</i>	<i>6.18</i>	<i>6.59</i>	<i>6.44</i>	<i>7.07</i>	<i>5.84</i>	<b>7.02</b>	<i>6.68</i>	<i>6.49</i>
Supplemental Gaseous Fuels .....	<b>0.20</b>	<b>0.16</b>	<b>0.19</b>	<b>0.19</b>	<i>0.18</i>	<i>0.16</i>	<i>0.17</i>	<i>0.19</i>	<i>0.18</i>	<i>0.16</i>	<i>0.17</i>	<i>0.19</i>	<b>0.18</b>	<i>0.17</i>	<i>0.17</i>
Net Inventory Withdrawals .....	<b>16.26</b>	<b>-11.94</b>	<b>-8.22</b>	<b>4.08</b>	<i>17.30</i>	<i>-12.21</i>	<i>-10.23</i>	<i>4.79</i>	<i>15.37</i>	<i>-10.98</i>	<i>-8.80</i>	<i>4.30</i>	<b>-0.01</b>	<i>-0.15</i>	<i>-0.04</i>
Total Supply .....	<b>82.66</b>	<b>53.67</b>	<b>58.47</b>	<b>70.56</b>	<i>84.29</i>	<i>54.30</i>	<i>56.44</i>	<i>70.22</i>	<i>81.19</i>	<i>55.09</i>	<i>58.98</i>	<i>71.66</i>	<b>66.29</b>	<i>66.24</i>	<i>66.72</i>
Balancing Item (b) .....	<b>0.75</b>	<b>0.75</b>	<b>-0.54</b>	<b>-1.62</b>	<i>-1.56</i>	<i>0.80</i>	<i>1.28</i>	<i>0.66</i>	<i>1.25</i>	<i>0.81</i>	<i>-0.07</i>	<i>-0.08</i>	<b>-0.17</b>	<i>0.31</i>	<i>0.47</i>
Total Primary Supply .....	<b>83.41</b>	<b>54.42</b>	<b>57.93</b>	<b>68.94</b>	<i>82.73</i>	<i>55.10</i>	<i>57.72</i>	<i>70.89</i>	<i>82.43</i>	<i>55.90</i>	<i>58.91</i>	<i>71.58</i>	<b>66.11</b>	<i>66.55</i>	<i>67.19</i>
<b>Consumption (billion cubic feet per day)</b>															
Residential .....	<b>26.69</b>	<b>7.33</b>	<b>3.76</b>	<b>16.71</b>	<i>25.39</i>	<i>7.05</i>	<i>3.66</i>	<i>17.70</i>	<i>24.67</i>	<i>6.94</i>	<i>3.66</i>	<i>17.54</i>	<b>13.57</b>	<i>13.40</i>	<i>13.19</i>
Commercial .....	<b>14.81</b>	<b>5.73</b>	<b>4.23</b>	<b>10.45</b>	<i>14.05</i>	<i>5.55</i>	<i>3.96</i>	<i>10.70</i>	<i>13.97</i>	<i>5.46</i>	<i>3.95</i>	<i>10.64</i>	<b>8.78</b>	<i>8.54</i>	<i>8.50</i>
Industrial .....	<b>19.70</b>	<b>17.12</b>	<b>17.01</b>	<b>18.53</b>	<i>20.43</i>	<i>17.85</i>	<i>17.60</i>	<i>19.15</i>	<i>20.70</i>	<i>18.11</i>	<i>17.85</i>	<i>19.49</i>	<b>18.08</b>	<i>18.75</i>	<i>19.03</i>
Electric Power (c) .....	<b>16.37</b>	<b>19.11</b>	<b>27.66</b>	<b>17.64</b>	<i>16.71</i>	<i>19.32</i>	<i>27.21</i>	<i>17.78</i>	<i>17.06</i>	<i>20.09</i>	<i>28.05</i>	<i>18.16</i>	<b>20.22</b>	<i>20.28</i>	<i>20.85</i>
Lease and Plant Fuel .....	<b>3.58</b>	<b>3.62</b>	<b>3.66</b>	<b>3.74</b>	<i>3.72</i>	<i>3.69</i>	<i>3.65</i>	<i>3.65</i>	<i>3.65</i>	<i>3.67</i>	<i>3.74</i>	<i>3.79</i>	<b>3.65</b>	<i>3.68</i>	<i>3.71</i>
Pipeline and Distribution Use .....	<b>2.18</b>	<b>1.43</b>	<b>1.52</b>	<b>1.81</b>	<i>2.32</i>	<i>1.54</i>	<i>1.53</i>	<i>1.81</i>	<i>2.28</i>	<i>1.53</i>	<i>1.55</i>	<i>1.84</i>	<b>1.73</b>	<i>1.80</i>	<i>1.80</i>
Vehicle Use .....	<b>0.09</b>	<b>0.09</b>	<b>0.09</b>	<b>0.09</b>	<i>0.10</i>	<i>0.10</i>	<i>0.10</i>	<i>0.10</i>	<i>0.11</i>	<i>0.11</i>	<i>0.11</i>	<i>0.11</i>	<b>0.09</b>	<i>0.10</i>	<i>0.11</i>
Total Consumption .....	<b>83.41</b>	<b>54.42</b>	<b>57.93</b>	<b>68.94</b>	<i>82.73</i>	<i>55.10</i>	<i>57.72</i>	<i>70.89</i>	<i>82.43</i>	<i>55.90</i>	<i>58.91</i>	<i>71.58</i>	<b>66.11</b>	<i>66.55</i>	<i>67.19</i>
<b>End-of-period Inventories (billion cubic feet)</b>															
Working Gas Inventory .....	<b>1,662</b>	<b>2,741</b>	<b>3,500</b>	<b>3,107</b>	<i>1,549</i>	<i>2,661</i>	<i>3,602</i>	<i>3,161</i>	<i>1,762</i>	<i>2,761</i>	<i>3,571</i>	<i>3,175</i>	<b>3,107</b>	<i>3,161</i>	<i>3,175</i>
Producing Region (d) .....	<b>627</b>	<b>962</b>	<b>1,092</b>	<b>1,082</b>	<i>644</i>	<i>927</i>	<i>1,101</i>	<i>1,040</i>	<i>705</i>	<i>962</i>	<i>1,069</i>	<i>1,023</i>	<b>1,082</b>	<i>1,040</i>	<i>1,023</i>
East Consuming Region (d) .....	<b>744</b>	<b>1,330</b>	<b>1,913</b>	<b>1,595</b>	<i>663</i>	<i>1,328</i>	<i>2,001</i>	<i>1,707</i>	<i>788</i>	<i>1,391</i>	<i>2,011</i>	<i>1,715</i>	<b>1,595</b>	<i>1,707</i>	<i>1,715</i>
West Consuming Region (d) .....	<b>291</b>	<b>450</b>	<b>495</b>	<b>429</b>	<i>243</i>	<i>405</i>	<i>499</i>	<i>414</i>	<i>268</i>	<i>409</i>	<i>491</i>	<i>437</i>	<b>429</b>	<i>414</i>	<i>437</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 - March 2011

	2010				2011				2012				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2010	2011	2012
<b>Wholesale/Spot</b>															
U.S. Average Wellhead .....	<b>4.79</b>	<b>4.07</b>	<b>4.12</b>	<b>3.61</b>	<i>4.00</i>	<i>3.62</i>	<i>3.67</i>	<i>4.08</i>	<i>4.24</i>	<i>3.96</i>	<i>4.15</i>	<i>4.53</i>	<b>4.14</b>	<i>3.84</i>	<i>4.22</i>
Henry Hub Spot Price .....	<b>5.30</b>	<b>4.45</b>	<b>4.41</b>	<b>3.91</b>	<i>4.29</i>	<i>4.02</i>	<i>4.04</i>	<i>4.54</i>	<i>4.76</i>	<i>4.38</i>	<i>4.62</i>	<i>5.10</i>	<b>4.52</b>	<i>4.22</i>	<i>4.72</i>
<b>Residential</b>															
New England .....	<b>14.33</b>	<b>15.56</b>	<b>17.75</b>	<b>14.08</b>	<i>14.36</i>	<i>15.85</i>	<i>18.53</i>	<i>15.97</i>	<i>14.98</i>	<i>15.89</i>	<i>18.93</i>	<i>16.20</i>	<b>14.71</b>	<i>15.33</i>	<i>15.75</i>
Middle Atlantic .....	<b>12.79</b>	<b>15.17</b>	<b>18.47</b>	<b>12.75</b>	<i>12.05</i>	<i>13.71</i>	<i>17.96</i>	<i>14.29</i>	<i>13.40</i>	<i>14.67</i>	<i>18.74</i>	<i>14.98</i>	<b>13.44</b>	<i>13.31</i>	<i>14.40</i>
E. N. Central .....	<b>9.54</b>	<b>12.24</b>	<b>16.68</b>	<b>9.38</b>	<i>9.26</i>	<i>10.96</i>	<i>14.62</i>	<i>10.32</i>	<i>9.98</i>	<i>11.54</i>	<i>15.19</i>	<i>10.92</i>	<b>10.22</b>	<i>10.11</i>	<i>10.78</i>
W. N. Central .....	<b>9.09</b>	<b>11.89</b>	<b>16.38</b>	<b>9.51</b>	<i>8.89</i>	<i>10.80</i>	<i>15.79</i>	<i>10.03</i>	<i>9.37</i>	<i>11.30</i>	<i>16.51</i>	<i>10.73</i>	<b>9.95</b>	<i>9.85</i>	<i>10.43</i>
S. Atlantic .....	<b>12.61</b>	<b>18.74</b>	<b>24.02</b>	<b>12.27</b>	<i>12.60</i>	<i>17.61</i>	<i>24.91</i>	<i>15.35</i>	<i>13.83</i>	<i>18.55</i>	<i>25.81</i>	<i>16.22</i>	<b>13.70</b>	<i>14.75</i>	<i>15.90</i>
E. S. Central .....	<b>10.50</b>	<b>14.81</b>	<b>17.76</b>	<b>10.87</b>	<i>10.87</i>	<i>14.27</i>	<i>19.39</i>	<i>13.15</i>	<i>12.37</i>	<i>15.11</i>	<i>20.13</i>	<i>14.08</i>	<b>11.35</b>	<i>12.27</i>	<i>13.59</i>
W. S. Central .....	<b>9.72</b>	<b>13.93</b>	<b>18.20</b>	<b>10.23</b>	<i>9.34</i>	<i>13.72</i>	<i>18.94</i>	<i>11.49</i>	<i>10.10</i>	<i>14.37</i>	<i>19.89</i>	<i>12.54</i>	<b>10.94</b>	<i>11.19</i>	<i>12.05</i>
Mountain .....	<b>9.24</b>	<b>9.83</b>	<b>12.97</b>	<b>9.26</b>	<i>8.68</i>	<i>9.32</i>	<i>12.52</i>	<i>9.56</i>	<i>9.01</i>	<i>9.77</i>	<i>13.05</i>	<i>10.08</i>	<b>9.62</b>	<i>9.35</i>	<i>9.76</i>
Pacific .....	<b>10.43</b>	<b>10.47</b>	<b>11.09</b>	<b>9.96</b>	<i>9.79</i>	<i>9.51</i>	<i>10.35</i>	<i>9.94</i>	<i>10.24</i>	<i>10.11</i>	<i>10.89</i>	<i>10.39</i>	<b>10.38</b>	<i>9.84</i>	<i>10.34</i>
U.S. Average .....	<b>10.59</b>	<b>12.54</b>	<b>15.47</b>	<b>10.55</b>	<i>10.25</i>	<i>11.56</i>	<i>14.73</i>	<i>11.67</i>	<i>11.04</i>	<i>12.19</i>	<i>15.36</i>	<i>12.31</i>	<b>11.18</b>	<i>11.20</i>	<i>11.92</i>
<b>Commercial</b>															
New England .....	<b>11.68</b>	<b>11.68</b>	<b>11.33</b>	<b>10.83</b>	<i>11.89</i>	<i>11.46</i>	<i>12.11</i>	<i>12.51</i>	<i>12.84</i>	<i>12.01</i>	<i>12.57</i>	<i>12.95</i>	<b>11.40</b>	<i>12.00</i>	<i>12.70</i>
Middle Atlantic .....	<b>10.76</b>	<b>9.77</b>	<b>9.52</b>	<b>9.70</b>	<i>10.19</i>	<i>9.46</i>	<i>9.26</i>	<i>10.87</i>	<i>11.11</i>	<i>9.90</i>	<i>9.79</i>	<i>11.51</i>	<b>10.13</b>	<i>10.14</i>	<i>10.85</i>
E. N. Central .....	<b>8.85</b>	<b>9.24</b>	<b>9.68</b>	<b>8.15</b>	<i>8.42</i>	<i>8.74</i>	<i>9.19</i>	<i>8.83</i>	<i>8.94</i>	<i>9.24</i>	<i>9.79</i>	<i>9.46</i>	<b>8.75</b>	<i>8.64</i>	<i>9.20</i>
W. N. Central .....	<b>8.36</b>	<b>8.38</b>	<b>9.48</b>	<b>7.81</b>	<i>7.92</i>	<i>7.72</i>	<i>8.74</i>	<i>8.37</i>	<i>8.46</i>	<i>8.39</i>	<i>9.28</i>	<i>8.88</i>	<b>8.29</b>	<i>8.07</i>	<i>8.63</i>
S. Atlantic .....	<b>10.53</b>	<b>10.74</b>	<b>10.73</b>	<b>9.50</b>	<i>10.00</i>	<i>9.98</i>	<i>11.00</i>	<i>11.60</i>	<i>11.50</i>	<i>10.93</i>	<i>11.69</i>	<i>12.13</i>	<b>10.26</b>	<i>10.57</i>	<i>11.60</i>
E. S. Central .....	<b>9.42</b>	<b>10.12</b>	<b>10.22</b>	<b>9.19</b>	<i>9.79</i>	<i>10.07</i>	<i>11.00</i>	<i>11.29</i>	<i>10.94</i>	<i>10.73</i>	<i>11.64</i>	<i>11.97</i>	<b>9.52</b>	<i>10.34</i>	<i>11.25</i>
W. S. Central .....	<b>8.48</b>	<b>9.06</b>	<b>9.15</b>	<b>7.64</b>	<i>7.61</i>	<i>7.93</i>	<i>8.57</i>	<i>9.10</i>	<i>8.41</i>	<i>8.46</i>	<i>9.13</i>	<i>9.48</i>	<b>8.47</b>	<i>8.18</i>	<i>8.78</i>
Mountain .....	<b>8.33</b>	<b>8.11</b>	<b>8.86</b>	<b>8.08</b>	<i>7.88</i>	<i>7.54</i>	<i>8.37</i>	<i>8.32</i>	<i>8.37</i>	<i>8.02</i>	<i>8.85</i>	<i>8.84</i>	<b>8.27</b>	<i>7.99</i>	<i>8.49</i>
Pacific .....	<b>9.48</b>	<b>8.97</b>	<b>9.19</b>	<b>9.11</b>	<i>9.21</i>	<i>7.82</i>	<i>8.12</i>	<i>8.74</i>	<i>9.31</i>	<i>8.14</i>	<i>8.64</i>	<i>9.25</i>	<b>9.21</b>	<i>8.60</i>	<i>8.93</i>
U.S. Average .....	<b>9.30</b>	<b>9.25</b>	<b>9.63</b>	<b>8.65</b>	<i>8.86</i>	<i>8.62</i>	<i>9.27</i>	<i>9.57</i>	<i>9.62</i>	<i>9.17</i>	<i>9.85</i>	<i>10.14</i>	<b>9.13</b>	<i>9.09</i>	<i>9.74</i>
<b>Industrial</b>															
New England .....	<b>11.41</b>	<b>9.74</b>	<b>9.07</b>	<b>10.15</b>	<i>11.73</i>	<i>10.93</i>	<i>10.08</i>	<i>11.23</i>	<i>12.36</i>	<i>11.56</i>	<i>10.93</i>	<i>12.32</i>	<b>10.35</b>	<i>11.18</i>	<i>11.98</i>
Middle Atlantic .....	<b>10.04</b>	<b>9.01</b>	<b>9.01</b>	<b>9.54</b>	<i>10.03</i>	<i>8.36</i>	<i>8.19</i>	<i>10.09</i>	<i>10.42</i>	<i>8.87</i>	<i>8.79</i>	<i>10.87</i>	<b>9.60</b>	<i>9.47</i>	<i>10.02</i>
E. N. Central .....	<b>7.98</b>	<b>7.01</b>	<b>6.96</b>	<b>6.88</b>	<i>7.47</i>	<i>6.86</i>	<i>6.94</i>	<i>7.50</i>	<i>7.93</i>	<i>7.43</i>	<i>7.44</i>	<i>7.94</i>	<b>7.38</b>	<i>7.31</i>	<i>7.79</i>
W. N. Central .....	<b>6.73</b>	<b>5.65</b>	<b>5.59</b>	<b>5.74</b>	<i>6.66</i>	<i>4.74</i>	<i>4.89</i>	<i>5.99</i>	<i>6.71</i>	<i>5.35</i>	<i>5.43</i>	<i>6.41</i>	<b>6.01</b>	<i>5.70</i>	<i>6.08</i>
S. Atlantic .....	<b>7.61</b>	<b>6.14</b>	<b>6.28</b>	<b>6.09</b>	<i>7.45</i>	<i>6.46</i>	<i>6.89</i>	<i>7.78</i>	<i>7.98</i>	<i>6.90</i>	<i>7.55</i>	<i>8.43</i>	<b>6.61</b>	<i>7.18</i>	<i>7.75</i>
E. S. Central .....	<b>7.21</b>	<b>5.64</b>	<b>5.61</b>	<b>5.44</b>	<i>7.15</i>	<i>5.63</i>	<i>6.09</i>	<i>7.17</i>	<i>7.53</i>	<i>6.18</i>	<i>6.54</i>	<i>7.44</i>	<b>6.06</b>	<i>6.57</i>	<i>6.98</i>
W. S. Central .....	<b>5.58</b>	<b>4.36</b>	<b>4.59</b>	<b>3.98</b>	<i>4.60</i>	<i>4.28</i>	<i>4.43</i>	<i>4.71</i>	<i>4.83</i>	<i>4.73</i>	<i>4.88</i>	<i>5.14</i>	<b>4.62</b>	<i>4.50</i>	<i>4.90</i>
Mountain .....	<b>7.32</b>	<b>6.36</b>	<b>6.59</b>	<b>6.40</b>	<i>7.08</i>	<i>6.48</i>	<i>6.74</i>	<i>7.72</i>	<i>7.99</i>	<i>6.88</i>	<i>7.25</i>	<i>8.25</i>	<b>6.72</b>	<i>7.05</i>	<i>7.67</i>
Pacific .....	<b>7.77</b>	<b>7.01</b>	<b>7.01</b>	<b>6.92</b>	<i>7.22</i>	<i>6.04</i>	<i>5.84</i>	<i>7.25</i>	<i>7.92</i>	<i>6.70</i>	<i>6.45</i>	<i>7.87</i>	<b>7.21</b>	<i>6.66</i>	<i>7.32</i>
U.S. Average .....	<b>6.51</b>	<b>4.98</b>	<b>5.07</b>	<b>4.89</b>	<i>5.92</i>	<i>4.93</i>	<i>4.99</i>	<i>5.77</i>	<i>6.22</i>	<i>5.40</i>	<i>5.46</i>	<i>6.21</i>	<b>5.40</b>	<i>5.43</i>	<i>5.85</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 - March 2011

	2010				2011				2012				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2010	2011	2012
<b>Supply (million short tons)</b>															
Production .....	<b>265.3</b>	<b>265.1</b>	<b>278.2</b>	<b>275.1</b>	<i>270.0</i>	<i>270.1</i>	<i>282.2</i>	<i>281.5</i>	<i>292.7</i>	<i>275.2</i>	<i>287.3</i>	<i>284.8</i>	<b>1083.8</b>	<i>1103.8</i>	<i>1139.9</i>
Appalachia .....	<b>84.4</b>	<b>84.4</b>	<b>83.5</b>	<b>86.0</b>	<i>87.1</i>	<i>84.8</i>	<i>86.0</i>	<i>86.6</i>	<i>87.5</i>	<i>84.7</i>	<i>88.5</i>	<i>88.0</i>	<b>338.3</b>	<i>344.6</i>	<i>348.8</i>
Interior .....	<b>37.7</b>	<b>37.8</b>	<b>41.4</b>	<b>37.5</b>	<i>38.6</i>	<i>38.2</i>	<i>37.8</i>	<i>38.3</i>	<i>41.6</i>	<i>39.3</i>	<i>38.9</i>	<i>39.2</i>	<b>154.4</b>	<i>153.0</i>	<i>159.0</i>
Western .....	<b>143.3</b>	<b>142.8</b>	<b>153.3</b>	<b>151.7</b>	<i>144.3</i>	<i>147.1</i>	<i>158.3</i>	<i>156.6</i>	<i>163.6</i>	<i>151.1</i>	<i>159.8</i>	<i>157.6</i>	<b>591.1</b>	<i>606.3</i>	<i>632.1</i>
Primary Inventory Withdrawals .....	<b>-2.4</b>	<b>1.5</b>	<b>6.2</b>	<b>0.3</b>	<i>4.8</i>	<i>-1.7</i>	<i>1.0</i>	<i>1.2</i>	<i>-4.6</i>	<i>0.5</i>	<i>3.8</i>	<i>-0.2</i>	<b>5.6</b>	<i>5.2</i>	<i>-0.5</i>
Imports .....	<b>4.8</b>	<b>5.1</b>	<b>4.7</b>	<b>4.8</b>	<i>4.2</i>	<i>4.3</i>	<i>5.2</i>	<i>4.8</i>	<i>4.5</i>	<i>4.4</i>	<i>5.2</i>	<i>4.8</i>	<b>19.4</b>	<i>18.5</i>	<i>18.9</i>
Exports .....	<b>17.8</b>	<b>22.0</b>	<b>21.1</b>	<b>20.9</b>	<i>20.7</i>	<i>24.3</i>	<i>21.5</i>	<i>21.5</i>	<i>17.6</i>	<i>21.3</i>	<i>20.3</i>	<i>20.3</i>	<b>81.7</b>	<i>88.0</i>	<i>79.5</i>
Metallurgical Coal .....	<b>14.2</b>	<b>15.6</b>	<b>13.0</b>	<b>13.3</b>	<i>14.3</i>	<i>16.7</i>	<i>14.7</i>	<i>14.5</i>	<i>13.5</i>	<i>14.3</i>	<i>13.6</i>	<i>13.5</i>	<b>56.1</b>	<i>60.2</i>	<i>55.0</i>
Steam Coal .....	<b>3.6</b>	<b>6.4</b>	<b>8.0</b>	<b>7.6</b>	<i>6.4</i>	<i>7.6</i>	<i>6.8</i>	<i>7.0</i>	<i>4.1</i>	<i>7.0</i>	<i>6.7</i>	<i>6.7</i>	<b>25.6</b>	<i>27.8</i>	<i>24.5</i>
Total Primary Supply .....	<b>249.9</b>	<b>249.7</b>	<b>268.0</b>	<b>259.3</b>	<i>266.7</i>	<i>248.4</i>	<i>266.8</i>	<i>265.9</i>	<i>275.1</i>	<i>258.7</i>	<i>276.0</i>	<i>269.0</i>	<b>1027.0</b>	<i>1047.9</i>	<i>1078.8</i>
Secondary Inventory Withdrawals .....	<b>13.1</b>	<b>-3.8</b>	<b>18.1</b>	<b>-12.8</b>	<i>0.2</i>	<i>-10.7</i>	<i>12.9</i>	<i>-4.7</i>	<i>1.2</i>	<i>-10.5</i>	<i>12.1</i>	<i>-4.8</i>	<b>14.5</b>	<i>-2.3</i>	<i>-2.1</i>
Waste Coal (a) .....	<b>3.1</b>	<b>3.3</b>	<b>3.2</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>	<i>3.2</i>	<i>3.2</i>	<i>3.2</i>	<b>12.7</b>	<i>12.7</i>	<i>12.8</i>
Total Supply .....	<b>266.1</b>	<b>249.1</b>	<b>289.4</b>	<b>249.7</b>	<i>270.1</i>	<i>240.9</i>	<i>282.9</i>	<i>264.4</i>	<i>279.5</i>	<i>251.3</i>	<i>291.2</i>	<i>267.4</i>	<b>1054.3</b>	<i>1058.3</i>	<i>1089.5</i>
<b>Consumption (million short tons)</b>															
Coke Plants .....	<b>4.9</b>	<b>5.4</b>	<b>5.5</b>	<b>5.3</b>	<i>5.5</i>	<i>5.4</i>	<i>6.4</i>	<i>6.0</i>	<i>6.8</i>	<i>6.4</i>	<i>7.1</i>	<i>6.6</i>	<b>21.0</b>	<i>23.3</i>	<i>26.9</i>
Electric Power Sector (b) .....	<b>246.3</b>	<b>229.8</b>	<b>267.9</b>	<b>231.5</b>	<i>252.1</i>	<i>224.5</i>	<i>265.7</i>	<i>246.8</i>	<i>260.7</i>	<i>233.4</i>	<i>272.6</i>	<i>248.4</i>	<b>975.5</b>	<i>989.0</i>	<i>1015.1</i>
Retail and Other Industry .....	<b>13.4</b>	<b>12.3</b>	<b>12.8</b>	<b>12.3</b>	<i>12.5</i>	<i>11.0</i>	<i>10.9</i>	<i>11.6</i>	<i>12.0</i>	<i>11.5</i>	<i>11.5</i>	<i>12.5</i>	<b>50.7</b>	<i>46.0</i>	<i>47.5</i>
Residential and Commercial .....	<b>1.0</b>	<b>0.6</b>	<b>0.6</b>	<b>0.8</b>	<i>1.1</i>	<i>0.7</i>	<i>0.6</i>	<i>0.9</i>	<i>1.1</i>	<i>0.8</i>	<i>0.8</i>	<i>1.2</i>	<b>3.1</b>	<i>3.3</i>	<i>3.9</i>
Other Industrial .....	<b>12.3</b>	<b>11.7</b>	<b>12.1</b>	<b>11.5</b>	<i>11.4</i>	<i>10.4</i>	<i>10.3</i>	<i>10.7</i>	<i>11.0</i>	<i>10.6</i>	<i>10.7</i>	<i>11.2</i>	<b>47.6</b>	<i>42.7</i>	<i>43.5</i>
Total Consumption .....	<b>264.5</b>	<b>247.4</b>	<b>286.1</b>	<b>249.6</b>	<i>270.1</i>	<i>240.9</i>	<i>282.9</i>	<i>264.4</i>	<i>279.5</i>	<i>251.3</i>	<i>291.2</i>	<i>267.4</i>	<b>1047.7</b>	<i>1058.3</i>	<i>1089.5</i>
Discrepancy (c) .....	<b>1.5</b>	<b>1.7</b>	<b>3.2</b>	<b>0.1</b>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	<b>6.5</b>	<i>0.0</i>	<i>0.0</i>
<b>End-of-period Inventories (million short tons)</b>															
Primary Inventories (d) .....	<b>50.2</b>	<b>48.7</b>	<b>42.4</b>	<b>42.2</b>	<i>37.3</i>	<i>39.1</i>	<i>38.1</i>	<i>36.9</i>	<i>41.5</i>	<i>41.0</i>	<i>37.2</i>	<i>37.4</i>	<b>42.2</b>	<i>36.9</i>	<i>37.4</i>
Secondary Inventories .....	<b>184.0</b>	<b>187.8</b>	<b>169.7</b>	<b>182.5</b>	<i>182.3</i>	<i>192.9</i>	<i>180.1</i>	<i>184.8</i>	<i>183.6</i>	<i>194.1</i>	<i>182.0</i>	<i>186.9</i>	<b>182.5</b>	<i>184.8</i>	<i>186.9</i>
Electric Power Sector .....	<b>177.8</b>	<b>181.1</b>	<b>162.8</b>	<b>175.3</b>	<i>176.1</i>	<i>186.1</i>	<i>172.7</i>	<i>177.1</i>	<i>176.8</i>	<i>186.6</i>	<i>173.9</i>	<i>178.5</i>	<b>175.3</b>	<i>177.1</i>	<i>178.5</i>
Retail and General Industry .....	<b>4.2</b>	<b>4.3</b>	<b>4.5</b>	<b>4.8</b>	<i>4.1</i>	<i>4.3</i>	<i>4.9</i>	<i>5.2</i>	<i>4.5</i>	<i>4.8</i>	<i>5.4</i>	<i>5.7</i>	<b>4.8</b>	<i>5.2</i>	<i>5.7</i>
Coke Plants .....	<b>1.6</b>	<b>2.0</b>	<b>1.9</b>	<b>1.9</b>	<i>1.6</i>	<i>2.0</i>	<i>2.0</i>	<i>2.0</i>	<i>1.8</i>	<i>2.2</i>	<i>2.2</i>	<i>2.2</i>	<b>1.9</b>	<i>2.0</i>	<i>2.2</i>
<b>Coal Market Indicators</b>															
Coal Miner Productivity															
(Tons per hour) .....	<b>5.58</b>	<b>5.58</b>	<b>5.59</b>	<b>5.60</b>	<i>5.57</i>	<i>5.57</i>	<i>5.57</i>	<i>5.57</i>	<i>5.70</i>	<i>5.70</i>	<i>5.70</i>	<i>5.70</i>	<b>5.59</b>	<i>5.57</i>	<i>5.70</i>
Total Raw Steel Production															
(Million short tons per day) .....	<b>0.234</b>	<b>0.253</b>	<b>0.245</b>	<b>0.237</b>	<i>0.261</i>	<i>0.272</i>	<i>0.264</i>	<i>0.249</i>	<i>0.253</i>	<i>0.267</i>	<i>0.262</i>	<i>0.249</i>	<b>0.242</b>	<i>0.262</i>	<i>0.258</i>
Cost of Coal to Electric Utilities															
(Dollars per million Btu) .....	<b>2.26</b>	<b>2.26</b>	<b>2.28</b>	<b>2.25</b>	<i>2.26</i>	<i>2.25</i>	<i>2.22</i>	<i>2.18</i>	<i>2.22</i>	<i>2.22</i>	<i>2.21</i>	<i>2.19</i>	<b>2.26</b>	<i>2.23</i>	<i>2.21</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 - March 2011

	2010				2011				2012				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2010	2011	2012
<b>Electricity Supply (billion kilowatthours per day)</b>															
Electricity Generation .....	<b>11.01</b>	<b>10.90</b>	<b>12.65</b>	<b>10.58</b>	<i>11.14</i>	<i>10.92</i>	<i>12.51</i>	<i>10.68</i>	<i>11.27</i>	<i>11.18</i>	<i>12.83</i>	<i>10.93</i>	<b>11.29</b>	<i>11.32</i>	<i>11.55</i>
Electric Power Sector (a) .....	<b>10.61</b>	<b>10.50</b>	<b>12.22</b>	<b>10.19</b>	<i>10.73</i>	<i>10.52</i>	<i>12.09</i>	<i>10.27</i>	<i>10.85</i>	<i>10.78</i>	<i>12.39</i>	<i>10.52</i>	<b>10.88</b>	<i>10.90</i>	<i>11.14</i>
Industrial Sector .....	<b>0.38</b>	<b>0.38</b>	<b>0.40</b>	<b>0.37</b>	<i>0.40</i>	<i>0.37</i>	<i>0.40</i>	<i>0.38</i>	<i>0.40</i>	<i>0.38</i>	<i>0.41</i>	<i>0.39</i>	<b>0.38</b>	<i>0.39</i>	<i>0.39</i>
Commercial Sector .....	<b>0.02</b>	<b>0.02</b>	<b>0.02</b>	<b>0.02</b>	<i>0.02</i>	<i>0.02</i>	<i>0.02</i>	<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>0.12</b>	<b>0.07</b>	<b>0.06</b>	<b>0.02</b>	<i>0.08</i>	<i>0.07</i>	<i>0.11</i>	<i>0.07</i>	<i>0.07</i>	<i>0.07</i>	<i>0.11</i>	<i>0.07</i>	<b>0.07</b>	<i>0.08</i>	<i>0.08</i>
Total Supply .....	<b>11.13</b>	<b>10.97</b>	<b>12.71</b>	<b>10.60</b>	<i>11.22</i>	<i>10.99</i>	<i>12.63</i>	<i>10.75</i>	<i>11.34</i>	<i>11.26</i>	<i>12.93</i>	<i>11.00</i>	<b>11.35</b>	<i>11.40</i>	<i>11.63</i>
Losses and Unaccounted for (b) ...	<b>0.51</b>	<b>0.94</b>	<b>0.70</b>	<b>0.68</b>	<i>0.53</i>	<i>0.85</i>	<i>0.75</i>	<i>0.70</i>	<i>0.55</i>	<i>0.88</i>	<i>0.77</i>	<i>0.71</i>	<b>0.71</b>	<i>0.71</i>	<i>0.72</i>
<b>Electricity Consumption (billion kilowatthours per day)</b>															
Retail Sales .....	<b>10.25</b>	<b>9.66</b>	<b>11.62</b>	<b>9.56</b>	<i>10.32</i>	<i>9.78</i>	<i>11.49</i>	<i>9.69</i>	<i>10.42</i>	<i>10.01</i>	<i>11.77</i>	<i>9.92</i>	<b>10.27</b>	<i>10.32</i>	<i>10.53</i>
Residential Sector .....	<b>4.26</b>	<b>3.41</b>	<b>4.74</b>	<b>3.48</b>	<i>4.16</i>	<i>3.41</i>	<i>4.57</i>	<i>3.49</i>	<i>4.13</i>	<i>3.50</i>	<i>4.69</i>	<i>3.58</i>	<b>3.97</b>	<i>3.91</i>	<i>3.98</i>
Commercial Sector .....	<b>3.45</b>	<b>3.57</b>	<b>4.09</b>	<b>3.45</b>	<i>3.52</i>	<i>3.63</i>	<i>4.10</i>	<i>3.53</i>	<i>3.59</i>	<i>3.72</i>	<i>4.21</i>	<i>3.62</i>	<b>3.64</b>	<i>3.70</i>	<i>3.78</i>
Industrial Sector .....	<b>2.51</b>	<b>2.66</b>	<b>2.76</b>	<b>2.61</b>	<i>2.62</i>	<i>2.71</i>	<i>2.80</i>	<i>2.64</i>	<i>2.67</i>	<i>2.77</i>	<i>2.86</i>	<i>2.69</i>	<b>2.64</b>	<i>2.69</i>	<i>2.75</i>
Transportation Sector .....	<b>0.02</b>	<b>0.02</b>	<b>0.02</b>	<b>0.02</b>	<i>0.02</i>	<i>0.02</i>	<i>0.02</i>	<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>0.37</b>	<b>0.36</b>	<b>0.39</b>	<b>0.36</b>	<i>0.38</i>	<i>0.36</i>	<i>0.39</i>	<i>0.37</i>	<i>0.38</i>	<i>0.36</i>	<i>0.39</i>	<i>0.37</i>	<b>0.37</b>	<i>0.37</i>	<i>0.38</i>
Total Consumption .....	<b>10.61</b>	<b>10.02</b>	<b>12.01</b>	<b>9.92</b>	<i>10.70</i>	<i>10.14</i>	<i>11.88</i>	<i>10.05</i>	<i>10.80</i>	<i>10.38</i>	<i>12.17</i>	<i>10.29</i>	<b>10.64</b>	<i>10.69</i>	<i>10.91</i>
<b>Prices</b>															
<b>Power Generation Fuel Costs (dollars per million Btu)</b>															
Coal .....	<b>2.26</b>	<b>2.26</b>	<b>2.28</b>	<b>2.25</b>	<i>2.26</i>	<i>2.25</i>	<i>2.22</i>	<i>2.18</i>	<i>2.22</i>	<i>2.22</i>	<i>2.21</i>	<i>2.19</i>	<b>2.26</b>	<i>2.23</i>	<i>2.21</i>
Natural Gas .....	<b>6.06</b>	<b>4.89</b>	<b>4.88</b>	<b>4.69</b>	<i>5.08</i>	<i>4.65</i>	<i>4.72</i>	<i>5.13</i>	<i>5.38</i>	<i>4.98</i>	<i>5.21</i>	<i>5.60</i>	<b>5.08</b>	<i>4.87</i>	<i>5.28</i>
Residual Fuel Oil .....	<b>12.10</b>	<b>12.36</b>	<b>12.36</b>	<b>13.80</b>	<i>14.48</i>	<i>17.84</i>	<i>18.34</i>	<i>18.34</i>	<i>18.42</i>	<i>18.26</i>	<i>17.92</i>	<i>17.61</i>	<b>12.56</b>	<i>17.21</i>	<i>18.07</i>
Distillate Fuel Oil .....	<b>15.84</b>	<b>16.48</b>	<b>16.18</b>	<b>17.93</b>	<i>20.66</i>	<i>23.02</i>	<i>22.84</i>	<i>22.99</i>	<i>23.30</i>	<i>22.72</i>	<i>22.40</i>	<i>22.57</i>	<b>16.59</b>	<i>22.25</i>	<i>22.78</i>
<b>End-Use Prices (cents per kilowatthour)</b>															
Residential Sector .....	<b>10.88</b>	<b>11.90</b>	<b>12.02</b>	<b>11.50</b>	<i>10.99</i>	<i>11.92</i>	<i>12.21</i>	<i>11.59</i>	<i>11.06</i>	<i>11.96</i>	<i>12.26</i>	<i>11.64</i>	<b>11.58</b>	<i>11.69</i>	<i>11.74</i>
Commercial Sector .....	<b>9.87</b>	<b>10.30</b>	<b>10.71</b>	<b>10.06</b>	<i>9.82</i>	<i>10.27</i>	<i>10.76</i>	<i>10.09</i>	<i>9.90</i>	<i>10.33</i>	<i>10.83</i>	<i>10.16</i>	<b>10.26</b>	<i>10.26</i>	<i>10.33</i>
Industrial Sector .....	<b>6.53</b>	<b>6.75</b>	<b>7.17</b>	<b>6.67</b>	<i>6.41</i>	<i>6.65</i>	<i>7.05</i>	<i>6.57</i>	<i>6.43</i>	<i>6.67</i>	<i>7.07</i>	<i>6.59</i>	<b>6.79</b>	<i>6.68</i>	<i>6.69</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 - March 2011

	2010				2011				2012				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2010	2011	2012
<b>Residential Sector</b>															
New England .....	141	114	150	122	149	115	143	124	147	118	146	128	132	133	135
Middle Atlantic .....	394	326	444	335	409	322	420	340	404	330	430	348	375	373	378
E. N. Central .....	579	456	639	481	586	451	589	490	583	462	603	502	539	529	538
W. N. Central .....	337	250	350	262	337	253	338	270	332	261	348	278	300	299	305
S. Atlantic .....	1,129	878	1,232	891	1,066	881	1,192	888	1,052	906	1,225	913	1,032	1,007	1,024
E. S. Central .....	405	291	428	295	375	282	399	286	366	290	410	294	354	336	340
W. S. Central .....	595	514	771	467	555	510	733	465	541	526	756	480	587	566	576
Mountain .....	243	227	325	224	241	235	331	229	251	240	339	235	255	259	266
Pacific contiguous .....	424	346	391	390	426	351	410	385	442	357	416	391	388	393	402
AK and HI .....	15	13	13	15	15	13	14	15	16	14	14	15	14	14	14
Total .....	4,261	3,414	4,742	3,482	4,159	3,414	4,567	3,493	4,133	3,503	4,687	3,583	3,975	3,908	3,977
<b>Commercial Sector</b>															
New England .....	123	120	137	119	126	123	138	122	131	126	141	125	125	127	131
Middle Atlantic .....	443	434	506	424	454	439	501	436	464	450	514	447	452	458	469
E. N. Central .....	490	491	555	481	530	508	559	496	513	514	567	503	504	523	524
W. N. Central .....	266	267	302	261	271	272	306	269	277	279	314	276	274	280	287
S. Atlantic .....	792	852	965	804	790	852	960	817	824	884	995	847	854	855	888
E. S. Central .....	220	228	271	214	215	228	265	215	221	233	271	220	233	231	236
W. S. Central .....	442	479	578	450	444	487	567	458	449	498	581	469	487	489	500
Mountain .....	234	251	285	241	242	260	293	251	249	268	302	259	253	262	269
Pacific contiguous .....	420	432	478	442	427	444	495	451	440	450	503	457	443	454	463
AK and HI .....	17	16	17	17	17	17	17	17	18	17	18	18	17	17	18
Total .....	3,447	3,571	4,092	3,453	3,518	3,629	4,103	3,532	3,585	3,720	4,205	3,620	3,642	3,697	3,783
<b>Industrial Sector</b>															
New England .....	76	77	83	76	77	79	82	78	78	80	83	79	78	79	80
Middle Atlantic .....	178	186	192	181	185	189	195	184	189	194	200	188	184	188	193
E. N. Central .....	523	544	551	534	545	553	560	538	556	563	571	548	538	549	559
W. N. Central .....	222	235	245	233	232	238	250	239	238	244	256	245	234	240	246
S. Atlantic .....	360	397	406	379	381	404	410	383	392	415	421	393	386	394	405
E. S. Central .....	336	334	334	334	344	341	343	348	353	349	352	356	334	344	352
W. S. Central .....	397	432	464	421	420	447	463	425	425	452	469	429	429	439	444
Mountain .....	195	209	232	207	200	218	234	207	204	223	239	212	211	215	220
Pacific contiguous .....	214	228	245	229	222	232	250	224	226	236	254	228	229	232	236
AK and HI .....	13	14	14	14	13	14	14	14	14	14	15	14	14	14	14
Total .....	2,514	2,655	2,765	2,608	2,620	2,714	2,801	2,640	2,674	2,769	2,858	2,693	2,636	2,694	2,749
<b>Total All Sectors (a)</b>															
New England .....	342	312	371	318	354	319	364	326	358	325	372	333	336	341	347
Middle Atlantic .....	1,027	957	1,152	952	1,059	962	1,128	971	1,070	986	1,157	995	1,022	1,030	1,052
E. N. Central .....	1,594	1,492	1,746	1,497	1,663	1,512	1,710	1,526	1,654	1,540	1,742	1,554	1,583	1,603	1,623
W. N. Central .....	825	752	897	756	840	763	893	778	847	784	917	799	808	819	837
S. Atlantic .....	2,286	2,130	2,606	2,078	2,241	2,141	2,565	2,091	2,271	2,208	2,645	2,156	2,275	2,260	2,321
E. S. Central .....	960	854	1,032	842	935	851	1,008	849	939	872	1,033	870	922	911	928
W. S. Central .....	1,433	1,425	1,813	1,338	1,420	1,443	1,763	1,349	1,415	1,476	1,806	1,379	1,503	1,494	1,519
Mountain .....	672	687	842	673	683	713	858	688	704	732	880	706	719	736	756
Pacific contiguous .....	1,061	1,008	1,117	1,063	1,078	1,029	1,157	1,063	1,110	1,045	1,175	1,079	1,062	1,082	1,103
AK and HI .....	45	43	44	45	46	44	45	46	47	45	46	47	45	45	46
Total .....	10,246	9,660	11,620	9,563	10,318	9,778	11,493	9,686	10,416	10,013	11,773	9,919	10,274	10,321	10,532

- = 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 - March 2011

	2010				2011				2012				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2010	2011	2012
<b>Residential Sector</b>															
New England .....	<b>16.56</b>	<b>16.60</b>	<b>16.46</b>	<b>16.46</b>	<i>16.90</i>	<i>17.14</i>	<i>16.97</i>	<i>16.85</i>	<i>17.04</i>	<i>17.26</i>	<i>17.09</i>	<i>16.98</i>	<b>16.51</b>	<i>16.96</i>	<i>17.09</i>
Middle Atlantic .....	<b>14.82</b>	<b>16.16</b>	<b>16.65</b>	<b>15.40</b>	<i>14.94</i>	<i>16.31</i>	<i>17.28</i>	<i>15.71</i>	<i>15.13</i>	<i>16.50</i>	<i>17.46</i>	<i>15.86</i>	<b>15.79</b>	<i>16.08</i>	<i>16.26</i>
E. N. Central .....	<b>10.50</b>	<b>11.88</b>	<b>11.82</b>	<b>11.38</b>	<i>10.62</i>	<i>11.83</i>	<i>11.87</i>	<i>11.34</i>	<i>10.64</i>	<i>11.83</i>	<i>11.87</i>	<i>11.34</i>	<b>11.39</b>	<i>11.39</i>	<i>11.40</i>
W. N. Central .....	<b>8.33</b>	<b>10.08</b>	<b>10.61</b>	<b>9.44</b>	<i>8.54</i>	<i>10.03</i>	<i>10.49</i>	<i>9.23</i>	<i>8.59</i>	<i>10.08</i>	<i>10.54</i>	<i>9.28</i>	<b>9.61</b>	<i>9.57</i>	<i>9.62</i>
S. Atlantic .....	<b>10.46</b>	<b>11.31</b>	<b>11.42</b>	<b>10.93</b>	<i>10.42</i>	<i>11.20</i>	<i>11.51</i>	<i>11.07</i>	<i>10.47</i>	<i>11.23</i>	<i>11.54</i>	<i>11.10</i>	<b>11.03</b>	<i>11.06</i>	<i>11.10</i>
E. S. Central .....	<b>8.81</b>	<b>9.90</b>	<b>10.02</b>	<b>10.05</b>	<i>9.32</i>	<i>10.23</i>	<i>10.23</i>	<i>10.09</i>	<i>9.23</i>	<i>10.10</i>	<i>10.09</i>	<i>9.96</i>	<b>9.66</b>	<i>9.95</i>	<i>9.83</i>
W. S. Central .....	<b>10.28</b>	<b>11.00</b>	<b>10.79</b>	<b>10.46</b>	<i>10.19</i>	<i>10.89</i>	<i>10.94</i>	<i>10.42</i>	<i>10.27</i>	<i>10.97</i>	<i>11.02</i>	<i>10.50</i>	<b>10.64</b>	<i>10.64</i>	<i>10.72</i>
Mountain .....	<b>9.71</b>	<b>10.83</b>	<b>11.22</b>	<b>9.97</b>	<i>9.70</i>	<i>10.78</i>	<i>11.19</i>	<i>10.20</i>	<i>9.79</i>	<i>10.89</i>	<i>11.30</i>	<i>10.29</i>	<b>10.50</b>	<i>10.54</i>	<i>10.63</i>
Pacific .....	<b>12.03</b>	<b>12.47</b>	<b>13.37</b>	<b>12.20</b>	<i>11.83</i>	<i>12.55</i>	<i>13.89</i>	<i>12.27</i>	<i>11.89</i>	<i>12.60</i>	<i>13.94</i>	<i>12.32</i>	<b>12.51</b>	<i>12.64</i>	<i>12.68</i>
U.S. Average .....	<b>10.88</b>	<b>11.90</b>	<b>12.02</b>	<b>11.50</b>	<i>10.99</i>	<i>11.92</i>	<i>12.21</i>	<i>11.59</i>	<i>11.06</i>	<i>11.96</i>	<i>12.26</i>	<i>11.64</i>	<b>11.58</b>	<i>11.69</i>	<i>11.74</i>
<b>Commercial Sector</b>															
New England .....	<b>15.27</b>	<b>14.71</b>	<b>15.33</b>	<b>14.45</b>	<i>15.04</i>	<i>15.00</i>	<i>15.31</i>	<i>14.70</i>	<i>15.22</i>	<i>15.17</i>	<i>15.47</i>	<i>14.86</i>	<b>14.96</b>	<i>15.02</i>	<i>15.19</i>
Middle Atlantic .....	<b>13.23</b>	<b>13.93</b>	<b>14.60</b>	<b>13.42</b>	<i>13.02</i>	<i>13.84</i>	<i>14.95</i>	<i>13.41</i>	<i>13.17</i>	<i>13.98</i>	<i>15.10</i>	<i>13.54</i>	<b>13.83</b>	<i>13.84</i>	<i>13.99</i>
E. N. Central .....	<b>9.17</b>	<b>9.51</b>	<b>9.59</b>	<b>9.29</b>	<i>8.97</i>	<i>9.30</i>	<i>9.45</i>	<i>9.18</i>	<i>9.07</i>	<i>9.40</i>	<i>9.55</i>	<i>9.29</i>	<b>9.40</b>	<i>9.23</i>	<i>9.34</i>
W. N. Central .....	<b>7.08</b>	<b>7.93</b>	<b>8.60</b>	<b>7.58</b>	<i>7.15</i>	<i>7.95</i>	<i>8.49</i>	<i>7.39</i>	<i>7.16</i>	<i>7.95</i>	<i>8.49</i>	<i>7.39</i>	<b>7.83</b>	<i>7.77</i>	<i>7.78</i>
S. Atlantic .....	<b>9.13</b>	<b>9.33</b>	<b>9.42</b>	<b>9.35</b>	<i>9.16</i>	<i>9.31</i>	<i>9.55</i>	<i>9.47</i>	<i>9.17</i>	<i>9.31</i>	<i>9.55</i>	<i>9.46</i>	<b>9.31</b>	<i>9.38</i>	<i>9.38</i>
E. S. Central .....	<b>8.86</b>	<b>9.33</b>	<b>9.54</b>	<b>9.74</b>	<i>9.14</i>	<i>9.46</i>	<i>9.57</i>	<i>9.55</i>	<i>9.15</i>	<i>9.44</i>	<i>9.56</i>	<i>9.54</i>	<b>9.38</b>	<i>9.44</i>	<i>9.43</i>
W. S. Central .....	<b>8.95</b>	<b>8.80</b>	<b>8.74</b>	<b>8.54</b>	<i>8.64</i>	<i>8.67</i>	<i>8.81</i>	<i>8.46</i>	<i>8.74</i>	<i>8.78</i>	<i>8.93</i>	<i>8.57</i>	<b>8.75</b>	<i>8.66</i>	<i>8.76</i>
Mountain .....	<b>8.20</b>	<b>9.04</b>	<b>9.25</b>	<b>8.40</b>	<i>8.19</i>	<i>8.87</i>	<i>9.10</i>	<i>8.53</i>	<i>8.21</i>	<i>8.89</i>	<i>9.12</i>	<i>8.56</i>	<b>8.76</b>	<i>8.70</i>	<i>8.72</i>
Pacific .....	<b>10.78</b>	<b>12.20</b>	<b>14.05</b>	<b>11.41</b>	<i>10.91</i>	<i>12.32</i>	<i>13.92</i>	<i>11.71</i>	<i>11.00</i>	<i>12.43</i>	<i>14.05</i>	<i>11.82</i>	<b>12.17</b>	<i>12.28</i>	<i>12.38</i>
U.S. Average .....	<b>9.87</b>	<b>10.30</b>	<b>10.71</b>	<b>10.06</b>	<i>9.82</i>	<i>10.27</i>	<i>10.76</i>	<i>10.09</i>	<i>9.90</i>	<i>10.33</i>	<i>10.83</i>	<i>10.16</i>	<b>10.26</b>	<i>10.26</i>	<i>10.33</i>
<b>Industrial Sector</b>															
New England .....	<b>12.33</b>	<b>12.91</b>	<b>12.78</b>	<b>12.62</b>	<i>12.56</i>	<i>12.41</i>	<i>12.59</i>	<i>12.41</i>	<i>12.59</i>	<i>12.43</i>	<i>12.62</i>	<i>12.43</i>	<b>12.66</b>	<i>12.49</i>	<i>12.52</i>
Middle Atlantic .....	<b>8.50</b>	<b>8.52</b>	<b>8.71</b>	<b>8.31</b>	<i>8.07</i>	<i>8.27</i>	<i>8.51</i>	<i>8.03</i>	<i>8.10</i>	<i>8.29</i>	<i>8.53</i>	<i>8.05</i>	<b>8.51</b>	<i>8.23</i>	<i>8.25</i>
E. N. Central .....	<b>6.34</b>	<b>6.48</b>	<b>6.71</b>	<b>6.51</b>	<i>6.30</i>	<i>6.49</i>	<i>6.72</i>	<i>6.42</i>	<i>6.27</i>	<i>6.45</i>	<i>6.69</i>	<i>6.40</i>	<b>6.51</b>	<i>6.49</i>	<i>6.45</i>
W. N. Central .....	<b>5.43</b>	<b>5.74</b>	<b>6.45</b>	<b>5.68</b>	<i>5.44</i>	<i>5.84</i>	<i>6.42</i>	<i>5.59</i>	<i>5.45</i>	<i>5.83</i>	<i>6.41</i>	<i>5.58</i>	<b>5.84</b>	<i>5.83</i>	<i>5.82</i>
S. Atlantic .....	<b>6.45</b>	<b>6.53</b>	<b>7.00</b>	<b>6.54</b>	<i>6.15</i>	<i>6.32</i>	<i>6.78</i>	<i>6.43</i>	<i>6.15</i>	<i>6.31</i>	<i>6.78</i>	<i>6.42</i>	<b>6.64</b>	<i>6.43</i>	<i>6.42</i>
E. S. Central .....	<b>5.31</b>	<b>5.85</b>	<b>6.33</b>	<b>5.98</b>	<i>5.33</i>	<i>5.79</i>	<i>6.15</i>	<i>5.74</i>	<i>5.34</i>	<i>5.79</i>	<i>6.15</i>	<i>5.75</i>	<b>5.87</b>	<i>5.75</i>	<i>5.76</i>
W. S. Central .....	<b>6.08</b>	<b>6.00</b>	<b>6.14</b>	<b>5.80</b>	<i>5.83</i>	<i>5.82</i>	<i>5.90</i>	<i>5.58</i>	<i>5.88</i>	<i>5.86</i>	<i>5.93</i>	<i>5.61</i>	<b>6.01</b>	<i>5.78</i>	<i>5.82</i>
Mountain .....	<b>5.69</b>	<b>6.17</b>	<b>6.87</b>	<b>5.65</b>	<i>5.73</i>	<i>6.12</i>	<i>6.76</i>	<i>5.85</i>	<i>5.83</i>	<i>6.21</i>	<i>6.86</i>	<i>5.94</i>	<b>6.13</b>	<i>6.14</i>	<i>6.23</i>
Pacific .....	<b>7.29</b>	<b>7.84</b>	<b>8.73</b>	<b>7.69</b>	<i>7.21</i>	<i>7.77</i>	<i>8.68</i>	<i>7.87</i>	<i>7.25</i>	<i>7.79</i>	<i>8.71</i>	<i>7.90</i>	<b>7.92</b>	<i>7.91</i>	<i>7.94</i>
U.S. Average .....	<b>6.53</b>	<b>6.75</b>	<b>7.17</b>	<b>6.67</b>	<i>6.41</i>	<i>6.65</i>	<i>7.05</i>	<i>6.57</i>	<i>6.43</i>	<i>6.67</i>	<i>7.07</i>	<i>6.59</i>	<b>6.79</b>	<i>6.68</i>	<i>6.69</i>
<b>All Sectors (a)</b>															
New England .....	<b>15.12</b>	<b>14.92</b>	<b>15.19</b>	<b>14.74</b>	<i>15.25</i>	<i>15.10</i>	<i>15.32</i>	<i>14.94</i>	<i>15.36</i>	<i>15.22</i>	<i>15.44</i>	<i>15.06</i>	<b>15.00</b>	<i>15.16</i>	<i>15.28</i>
Middle Atlantic .....	<b>13.01</b>	<b>13.63</b>	<b>14.40</b>	<b>13.13</b>	<i>12.88</i>	<i>13.55</i>	<i>14.68</i>	<i>13.17</i>	<i>12.99</i>	<i>13.68</i>	<i>14.81</i>	<i>13.28</i>	<b>13.58</b>	<i>13.60</i>	<i>13.72</i>
E. N. Central .....	<b>8.72</b>	<b>9.13</b>	<b>9.50</b>	<b>8.97</b>	<i>8.67</i>	<i>9.02</i>	<i>9.39</i>	<i>8.90</i>	<i>8.68</i>	<i>9.05</i>	<i>9.42</i>	<i>8.93</i>	<b>9.09</b>	<i>9.00</i>	<i>9.03</i>
W. N. Central .....	<b>7.14</b>	<b>7.96</b>	<b>8.80</b>	<b>7.64</b>	<i>7.23</i>	<i>7.98</i>	<i>8.67</i>	<i>7.47</i>	<i>7.24</i>	<i>8.00</i>	<i>8.69</i>	<i>7.49</i>	<b>7.91</b>	<i>7.86</i>	<i>7.88</i>
S. Atlantic .....	<b>9.37</b>	<b>9.63</b>	<b>9.99</b>	<b>9.51</b>	<i>9.25</i>	<i>9.52</i>	<i>10.02</i>	<i>9.59</i>	<i>9.25</i>	<i>9.54</i>	<i>10.03</i>	<i>9.60</i>	<b>9.64</b>	<i>9.61</i>	<i>9.63</i>
E. S. Central .....	<b>7.60</b>	<b>8.16</b>	<b>8.70</b>	<b>8.36</b>	<i>7.81</i>	<i>8.25</i>	<i>8.66</i>	<i>8.17</i>	<i>7.75</i>	<i>8.20</i>	<i>8.61</i>	<i>8.13</i>	<b>8.21</b>	<i>8.23</i>	<i>8.19</i>
W. S. Central .....	<b>8.71</b>	<b>8.74</b>	<b>8.95</b>	<b>8.34</b>	<i>8.42</i>	<i>8.57</i>	<i>8.93</i>	<i>8.23</i>	<i>8.47</i>	<i>8.66</i>	<i>9.03</i>	<i>8.32</i>	<b>8.71</b>	<i>8.56</i>	<i>8.65</i>
Mountain .....	<b>8.02</b>	<b>8.76</b>	<b>9.35</b>	<b>8.08</b>	<i>8.00</i>	<i>8.66</i>	<i>9.27</i>	<i>8.28</i>	<i>8.08</i>	<i>8.73</i>	<i>9.35</i>	<i>8.35</i>	<b>8.60</b>	<i>8.60</i>	<i>8.67</i>
Pacific .....	<b>10.57</b>	<b>11.30</b>	<b>12.64</b>	<b>10.89</b>	<i>10.51</i>	<i>11.36</i>	<i>12.76</i>	<i>11.09</i>	<i>10.58</i>	<i>11.43</i>	<i>12.84</i>	<i>11.16</i>	<b>11.37</b>	<i>11.46</i>	<i>11.53</i>
U.S. Average .....	<b>9.47</b>	<b>9.89</b>	<b>10.40</b>	<b>9.66</b>	<i>9.43</i>	<i>9.84</i>	<i>10.43</i>	<i>9.68</i>	<i>9.47</i>	<i>9.89</i>	<i>10.48</i>	<i>9.72</i>	<b>9.88</b>	<i>9.87</i>	<i>9.91</i>

- = 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 - March 2011

	2010				2011				2012				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2010	2011	2012
<b>Electric Power Sector (a)</b>															
Coal .....	<b>5.181</b>	<b>4.750</b>	<b>5.450</b>	<b>4.687</b>	<i>5.220</i>	<i>4.571</i>	<i>5.321</i>	<i>4.937</i>	<i>5.322</i>	<i>4.740</i>	<i>5.443</i>	<i>4.954</i>	<b>5.017</b>	<i>5.013</i>	<i>5.115</i>
Natural Gas .....	<b>2.011</b>	<b>2.306</b>	<b>3.329</b>	<b>2.185</b>	<i>2.056</i>	<i>2.334</i>	<i>3.301</i>	<i>2.192</i>	<i>2.103</i>	<i>2.432</i>	<i>3.409</i>	<i>2.243</i>	<b>2.461</b>	<i>2.473</i>	<i>2.548</i>
Other Gases .....	<b>0.009</b>	<b>0.009</b>	<b>0.008</b>	<b>0.006</b>	<i>0.008</i>	<i>0.009</i>	<i>0.010</i>	<i>0.010</i>	<i>0.011</i>	<i>0.011</i>	<i>0.012</i>	<i>0.012</i>	<b>0.008</b>	<i>0.010</i>	<i>0.011</i>
Petroleum .....	<b>0.094</b>	<b>0.095</b>	<b>0.111</b>	<b>0.079</b>	<i>0.097</i>	<i>0.082</i>	<i>0.099</i>	<i>0.075</i>	<i>0.093</i>	<i>0.082</i>	<i>0.096</i>	<i>0.073</i>	<b>0.094</b>	<i>0.088</i>	<i>0.086</i>
Residual Fuel Oil .....	<b>0.034</b>	<b>0.042</b>	<b>0.054</b>	<b>0.028</b>	<i>0.039</i>	<i>0.032</i>	<i>0.044</i>	<i>0.028</i>	<i>0.038</i>	<i>0.034</i>	<i>0.043</i>	<i>0.026</i>	<b>0.039</b>	<i>0.036</i>	<i>0.035</i>
Distillate Fuel Oil .....	<b>0.023</b>	<b>0.016</b>	<b>0.019</b>	<b>0.020</b>	<i>0.020</i>	<i>0.014</i>	<i>0.015</i>	<i>0.014</i>	<i>0.019</i>	<i>0.014</i>	<i>0.015</i>	<i>0.014</i>	<b>0.019</b>	<i>0.016</i>	<i>0.016</i>
Petroleum Coke .....	<b>0.034</b>	<b>0.034</b>	<b>0.035</b>	<b>0.028</b>	<i>0.033</i>	<i>0.033</i>	<i>0.036</i>	<i>0.029</i>	<i>0.031</i>	<i>0.030</i>	<i>0.035</i>	<i>0.028</i>	<b>0.033</b>	<i>0.033</i>	<i>0.031</i>
Other Petroleum .....	<b>0.003</b>	<b>0.002</b>	<b>0.002</b>	<b>0.003</b>	<i>0.005</i>	<i>0.003</i>	<i>0.004</i>	<i>0.004</i>	<i>0.006</i>	<i>0.003</i>	<i>0.004</i>	<i>0.004</i>	<b>0.002</b>	<i>0.004</i>	<i>0.004</i>
Nuclear .....	<b>2.249</b>	<b>2.116</b>	<b>2.314</b>	<b>2.164</b>	<i>2.199</i>	<i>2.121</i>	<i>2.257</i>	<i>2.093</i>	<i>2.230</i>	<i>2.181</i>	<i>2.321</i>	<i>2.152</i>	<b>2.211</b>	<i>2.167</i>	<i>2.221</i>
Pumped Storage Hydroelectric .....	<b>-0.008</b>	<b>-0.008</b>	<b>-0.015</b>	<b>-0.014</b>	<i>-0.014</i>	<i>-0.014</i>	<i>-0.017</i>	<i>-0.016</i>	<i>-0.015</i>	<i>-0.015</i>	<i>-0.017</i>	<i>-0.016</i>	<b>-0.011</b>	<i>-0.016</i>	<i>-0.016</i>
Other Fuels (b) .....	<b>0.017</b>	<b>0.020</b>	<b>0.020</b>	<b>0.019</b>	<i>0.018</i>	<i>0.019</i>	<i>0.020</i>	<i>0.019</i>	<i>0.018</i>	<i>0.019</i>	<i>0.021</i>	<i>0.019</i>	<b>0.019</b>	<i>0.019</i>	<i>0.020</i>
Renewables:															
Conventional Hydroelectric .....	<b>0.697</b>	<b>0.797</b>	<b>0.658</b>	<b>0.647</b>	<i>0.715</i>	<i>0.928</i>	<i>0.693</i>	<i>0.552</i>	<i>0.641</i>	<i>0.814</i>	<i>0.660</i>	<i>0.620</i>	<b>0.700</b>	<i>0.722</i>	<i>0.684</i>
Geothermal .....	<b>0.044</b>	<b>0.043</b>	<b>0.042</b>	<b>0.043</b>	<i>0.045</i>	<i>0.043</i>	<i>0.044</i>	<i>0.044</i>	<i>0.044</i>	<i>0.043</i>	<i>0.044</i>	<i>0.044</i>	<b>0.043</b>	<i>0.044</i>	<i>0.044</i>
Solar .....	<b>0.001</b>	<b>0.005</b>	<b>0.005</b>	<b>0.002</b>	<i>0.002</i>	<i>0.006</i>	<i>0.006</i>	<i>0.002</i>	<i>0.003</i>	<i>0.008</i>	<i>0.009</i>	<i>0.003</i>	<b>0.004</b>	<i>0.004</i>	<i>0.006</i>
Wind .....	<b>0.235</b>	<b>0.291</b>	<b>0.221</b>	<b>0.295</b>	<i>0.303</i>	<i>0.350</i>	<i>0.273</i>	<i>0.288</i>	<i>0.319</i>	<i>0.389</i>	<i>0.312</i>	<i>0.333</i>	<b>0.261</b>	<i>0.303</i>	<i>0.338</i>
Wood and Wood Waste .....	<b>0.032</b>	<b>0.029</b>	<b>0.034</b>	<b>0.030</b>	<i>0.031</i>	<i>0.027</i>	<i>0.031</i>	<i>0.030</i>	<i>0.032</i>	<i>0.029</i>	<i>0.034</i>	<i>0.032</i>	<b>0.032</b>	<i>0.030</i>	<i>0.032</i>
Other Renewables .....	<b>0.042</b>	<b>0.045</b>	<b>0.044</b>	<b>0.045</b>	<i>0.046</i>	<i>0.048</i>	<i>0.050</i>	<i>0.048</i>	<i>0.048</i>	<i>0.049</i>	<i>0.051</i>	<i>0.049</i>	<b>0.044</b>	<i>0.048</i>	<i>0.049</i>
Subtotal Electric Power Sector .....	<b>10.605</b>	<b>10.497</b>	<b>12.221</b>	<b>10.189</b>	<i>10.725</i>	<i>10.523</i>	<i>12.088</i>	<i>10.274</i>	<i>10.850</i>	<i>10.784</i>	<i>12.394</i>	<i>10.518</i>	<b>10.881</b>	<i>10.905</i>	<i>11.138</i>
<b>Commercial Sector (c)</b>															
Coal .....	<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>	<i>0.003</i>	<i>0.004</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>0.014</b>	<b>0.012</b>	<i>0.012</i>	<i>0.011</i>	<i>0.013</i>	<i>0.012</i>	<i>0.012</i>	<i>0.011</i>	<i>0.013</i>	<i>0.012</i>	<b>0.012</b>	<i>0.012</i>	<i>0.012</i>
Petroleum .....	<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>	<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>	<b>0.002</b>	<b>0.002</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>	<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>0.005</b>	<b>0.005</b>	<b>0.005</b>	<i>0.004</i>	<i>0.005</i>	<i>0.005</i>	<i>0.005</i>	<i>0.004</i>	<i>0.005</i>	<i>0.005</i>	<i>0.005</i>	<b>0.005</b>	<i>0.005</i>	<i>0.005</i>
Subtotal Commercial Sector .....	<b>0.022</b>	<b>0.022</b>	<b>0.025</b>	<b>0.022</b>	<i>0.022</i>	<i>0.022</i>	<i>0.024</i>	<i>0.022</i>	<i>0.022</i>	<i>0.022</i>	<i>0.025</i>	<i>0.023</i>	<b>0.023</b>	<i>0.023</i>	<i>0.023</i>
<b>Industrial Sector (c)</b>															
Coal .....	<b>0.052</b>	<b>0.047</b>	<b>0.055</b>	<b>0.048</b>	<i>0.045</i>	<i>0.039</i>	<i>0.042</i>	<i>0.040</i>	<i>0.041</i>	<i>0.039</i>	<i>0.043</i>	<i>0.041</i>	<b>0.050</b>	<i>0.041</i>	<i>0.041</i>
Natural Gas .....	<b>0.216</b>	<b>0.211</b>	<b>0.228</b>	<b>0.209</b>	<i>0.230</i>	<i>0.216</i>	<i>0.239</i>	<i>0.222</i>	<i>0.234</i>	<i>0.220</i>	<i>0.243</i>	<i>0.226</i>	<b>0.216</b>	<i>0.227</i>	<i>0.231</i>
Other Gases .....	<b>0.022</b>	<b>0.023</b>	<b>0.024</b>	<b>0.022</b>	<i>0.022</i>	<i>0.023</i>	<i>0.024</i>	<i>0.023</i>	<i>0.022</i>	<i>0.023</i>	<i>0.025</i>	<i>0.023</i>	<b>0.023</b>	<i>0.023</i>	<i>0.023</i>
Petroleum .....	<b>0.007</b>	<b>0.007</b>	<b>0.007</b>	<b>0.006</b>	<i>0.008</i>	<i>0.007</i>	<i>0.007</i>	<i>0.007</i>	<i>0.008</i>	<i>0.007</i>	<i>0.007</i>	<i>0.007</i>	<b>0.006</b>	<i>0.007</i>	<i>0.007</i>
Other Fuels (b) .....	<b>0.009</b>	<b>0.010</b>	<b>0.011</b>	<b>0.009</b>	<i>0.009</i>	<i>0.010</i>	<i>0.011</i>	<i>0.009</i>	<i>0.009</i>	<i>0.010</i>	<i>0.011</i>	<i>0.009</i>	<b>0.010</b>	<i>0.010</i>	<i>0.010</i>
Renewables:															
Conventional Hydroelectric .....	<b>0.006</b>	<b>0.005</b>	<b>0.003</b>	<b>0.004</b>	<i>0.006</i>	<i>0.005</i>	<i>0.003</i>	<i>0.004</i>	<i>0.006</i>	<i>0.005</i>	<i>0.003</i>	<i>0.004</i>	<b>0.004</b>	<i>0.005</i>	<i>0.005</i>
Wood and Wood Waste .....	<b>0.072</b>	<b>0.072</b>	<b>0.075</b>	<b>0.071</b>	<i>0.074</i>	<i>0.071</i>	<i>0.074</i>	<i>0.073</i>	<i>0.074</i>	<i>0.072</i>	<i>0.075</i>	<i>0.074</i>	<b>0.072</b>	<i>0.073</i>	<i>0.074</i>
Other Renewables (e) .....	<b>0.002</b>	<b>0.002</b>	<b>0.002</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>	<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>0.384</b>	<b>0.377</b>	<b>0.404</b>	<b>0.371</b>	<i>0.396</i>	<i>0.373</i>	<i>0.401</i>	<i>0.380</i>	<i>0.397</i>	<i>0.379</i>	<i>0.409</i>	<i>0.388</i>	<b>0.384</b>	<i>0.388</i>	<i>0.393</i>
<b>Total All Sectors .....</b>	<b>11.011</b>	<b>10.897</b>	<b>12.650</b>	<b>10.583</b>	<i>11.144</i>	<i>10.919</i>	<i>12.514</i>	<i>10.676</i>	<i>11.270</i>	<i>11.184</i>	<i>12.828</i>	<i>10.928</i>	<b>11.288</b>	<i>11.315</i>	<i>11.554</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 - March 2011

	2010				2011				2012				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2010	2011	2012
<b>Electric Power Sector (a)</b>															
Coal (mmst/d) .....	<b>2.72</b>	<b>2.51</b>	<b>2.90</b>	<b>2.50</b>	<i>2.79</i>	<i>2.46</i>	<i>2.88</i>	<i>2.67</i>	<i>2.85</i>	<i>2.56</i>	<i>2.95</i>	<i>2.69</i>	<b>2.66</b>	<i>2.70</i>	<i>2.76</i>
Natural Gas (bcf/d) .....	<b>15.48</b>	<b>18.25</b>	<b>26.72</b>	<b>16.80</b>	<i>15.83</i>	<i>18.48</i>	<i>26.25</i>	<i>16.75</i>	<i>15.95</i>	<i>19.06</i>	<i>26.91</i>	<i>17.05</i>	<b>19.33</b>	<i>19.35</i>	<i>19.75</i>
Petroleum (mmb/d) (b) .....	<b>0.17</b>	<b>0.17</b>	<b>0.20</b>	<b>0.14</b>	<i>0.18</i>	<i>0.15</i>	<i>0.18</i>	<i>0.14</i>	<i>0.17</i>	<i>0.15</i>	<i>0.18</i>	<i>0.14</i>	<b>0.17</b>	<i>0.16</i>	<i>0.16</i>
Residual Fuel Oil (mmb/d) .....	<b>0.06</b>	<b>0.07</b>	<b>0.09</b>	<b>0.04</b>	<i>0.06</i>	<i>0.05</i>	<i>0.07</i>	<i>0.05</i>	<i>0.06</i>	<i>0.06</i>	<i>0.07</i>	<i>0.04</i>	<b>0.07</b>	<i>0.06</i>	<i>0.06</i>
Distillate Fuel Oil (mmb/d) .....	<b>0.04</b>	<b>0.03</b>	<b>0.04</b>	<b>0.04</b>	<i>0.04</i>	<i>0.03</i>	<i>0.03</i>	<i>0.03</i>	<i>0.04</i>	<i>0.03</i>	<i>0.03</i>	<i>0.03</i>	<b>0.04</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>0.05</b>	<i>0.06</i>	<i>0.06</i>	<i>0.07</i>	<i>0.06</i>	<i>0.06</i>	<i>0.06</i>	<i>0.07</i>	<i>0.06</i>	<b>0.06</b>	<i>0.06</i>	<i>0.06</i>
Other Petroleum (mmb/d) .....	<b>0.01</b>	<b>0.00</b>	<b>0.00</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>	<i>0.01</i>	<i>0.01</i>	<i>0.01</i>	<b>0.00</b>	<i>0.01</i>	<i>0.01</i>
<b>Commercial Sector (c)</b>															
Coal (mmst/d) .....	<b>0.00</b>	<b>0.00</b>	<b>0.00</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>	<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>0.11</b>	<b>0.10</b>	<i>0.10</i>	<i>0.09</i>	<i>0.10</i>	<i>0.09</i>	<i>0.09</i>	<i>0.09</i>	<i>0.11</i>	<i>0.09</i>	<b>0.10</b>	<i>0.10</i>	<i>0.10</i>
Petroleum (mmb/d) (b) .....	<b>0.00</b>	<b>0.00</b>	<b>0.00</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>	<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>0.02</b>	<b>0.02</b>	<b>0.02</b>	<b>0.02</b>	<i>0.02</i>	<i>0.02</i>	<i>0.02</i>	<i>0.02</i>	<i>0.01</i>	<i>0.01</i>	<i>0.02</i>	<i>0.02</i>	<b>0.02</b>	<i>0.02</i>	<i>0.01</i>
Natural Gas (bcf/d) .....	<b>1.48</b>	<b>1.44</b>	<b>1.57</b>	<b>1.43</b>	<i>1.61</i>	<i>1.55</i>	<i>1.72</i>	<i>1.60</i>	<i>1.67</i>	<i>1.58</i>	<i>1.75</i>	<i>1.63</i>	<b>1.48</b>	<i>1.62</i>	<i>1.66</i>
Petroleum (mmb/d) (b) .....	<b>0.01</b>	<b>0.01</b>	<b>0.01</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>	<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>2.75</b>	<b>2.53</b>	<b>2.93</b>	<b>2.53</b>	<i>2.81</i>	<i>2.47</i>	<i>2.89</i>	<i>2.69</i>	<i>2.87</i>	<i>2.57</i>	<i>2.97</i>	<i>2.71</i>	<b>2.68</b>	<i>2.72</i>	<i>2.78</i>
Natural Gas (bcf/d) .....	<b>17.05</b>	<b>19.79</b>	<b>28.40</b>	<b>18.33</b>	<i>17.54</i>	<i>20.12</i>	<i>28.07</i>	<i>18.45</i>	<i>17.71</i>	<i>20.73</i>	<i>28.77</i>	<i>18.77</i>	<b>20.91</b>	<i>21.07</i>	<i>21.51</i>
Petroleum (mmb/d) (b) .....	<b>0.18</b>	<b>0.18</b>	<b>0.21</b>	<b>0.15</b>	<i>0.19</i>	<i>0.16</i>	<i>0.19</i>	<i>0.15</i>	<i>0.18</i>	<i>0.16</i>	<i>0.19</i>	<i>0.15</i>	<b>0.18</b>	<i>0.17</i>	<i>0.17</i>
<b>End-of-period Fuel Inventories Held by Electric Power Sector</b>															
Coal (mmst) .....	<b>177.8</b>	<b>181.1</b>	<b>162.8</b>	<b>175.3</b>	<i>176.1</i>	<i>186.1</i>	<i>172.7</i>	<i>177.1</i>	<i>176.8</i>	<i>186.6</i>	<i>173.9</i>	<i>178.5</i>	<b>175.3</b>	<i>177.1</i>	<i>178.5</i>
Residual Fuel Oil (mmb) .....	<b>18.7</b>	<b>17.4</b>	<b>17.4</b>	<b>17.0</b>	<i>17.1</i>	<i>17.7</i>	<i>15.8</i>	<i>16.2</i>	<i>16.2</i>	<i>16.9</i>	<i>15.4</i>	<i>15.6</i>	<b>17.0</b>	<i>16.2</i>	<i>15.6</i>
Distillate Fuel Oil (mmb) .....	<b>17.3</b>	<b>17.2</b>	<b>17.0</b>	<b>16.8</b>	<i>16.2</i>	<i>16.3</i>	<i>16.5</i>	<i>16.7</i>	<i>16.2</i>	<i>16.1</i>	<i>16.3</i>	<i>16.6</i>	<b>16.8</b>	<i>16.7</i>	<i>16.6</i>
Petroleum Coke (mmb) .....	<b>5.8</b>	<b>5.5</b>	<b>6.1</b>	<b>5.4</b>	<i>5.1</i>	<i>4.8</i>	<i>4.8</i>	<i>4.5</i>	<i>4.5</i>	<i>4.4</i>	<i>4.4</i>	<i>4.1</i>	<b>5.4</b>	<i>4.5</i>	<i>4.1</i>

- = no data available

(a) Electric utilities and independent power producers.

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

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

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

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

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

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

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

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



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

Energy Information Administration/Short-Term Energy Outlook - March 2011

	2010				2011				2012				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2010	2011	2012
<b>Supply</b>															
Hydroelectric Power (a) .....	<b>0.618</b>	<b>0.713</b>	<b>0.593</b>	<b>0.587</b>	<i>0.640</i>	<i>0.837</i>	<i>0.631</i>	<i>0.504</i>	<i>0.581</i>	<i>0.735</i>	<i>0.601</i>	<i>0.566</i>	<b>2.511</b>	2.613	2.483
Geothermal .....	<b>0.096</b>	<b>0.095</b>	<b>0.095</b>	<b>0.096</b>	<i>0.098</i>	<i>0.095</i>	<i>0.099</i>	<i>0.098</i>	<i>0.098</i>	<i>0.095</i>	<i>0.099</i>	<i>0.098</i>	<b>0.382</b>	0.390	0.391
Solar .....	<b>0.026</b>	<b>0.030</b>	<b>0.030</b>	<b>0.027</b>	<i>0.027</i>	<i>0.030</i>	<i>0.030</i>	<i>0.027</i>	<i>0.028</i>	<i>0.032</i>	<i>0.033</i>	<i>0.028</i>	<b>0.113</b>	0.115	0.122
Wind .....	<b>0.208</b>	<b>0.261</b>	<b>0.200</b>	<b>0.267</b>	<i>0.268</i>	<i>0.314</i>	<i>0.248</i>	<i>0.261</i>	<i>0.286</i>	<i>0.349</i>	<i>0.283</i>	<i>0.302</i>	<b>0.937</b>	1.091	1.220
Wood .....	<b>0.478</b>	<b>0.478</b>	<b>0.496</b>	<b>0.479</b>	<i>0.486</i>	<i>0.469</i>	<i>0.493</i>	<i>0.487</i>	<i>0.492</i>	<i>0.476</i>	<i>0.503</i>	<i>0.496</i>	<b>1.931</b>	1.934	1.967
Ethanol (b) .....	<b>0.267</b>	<b>0.274</b>	<b>0.284</b>	<b>0.298</b>	<i>0.288</i>	<i>0.292</i>	<i>0.296</i>	<i>0.295</i>	<i>0.293</i>	<i>0.294</i>	<i>0.299</i>	<i>0.300</i>	<b>1.122</b>	1.171	1.186
Biodiesel (b) .....	<b>0.013</b>	<b>0.011</b>	<b>0.009</b>	<b>0.007</b>	<i>0.019</i>	<i>0.023</i>	<i>0.026</i>	<i>0.027</i>	<i>0.026</i>	<i>0.026</i>	<i>0.027</i>	<i>0.028</i>	<b>0.040</b>	0.095	0.107
Other Renewables .....	<b>0.108</b>	<b>0.113</b>	<b>0.112</b>	<b>0.117</b>	<i>0.109</i>	<i>0.117</i>	<i>0.120</i>	<i>0.116</i>	<i>0.112</i>	<i>0.120</i>	<i>0.124</i>	<i>0.119</i>	<b>0.450</b>	0.463	0.474
Total .....	<b>1.814</b>	<b>1.975</b>	<b>1.820</b>	<b>1.880</b>	<i>1.941</i>	<i>2.178</i>	<i>1.943</i>	<i>1.815</i>	<i>1.915</i>	<i>2.128</i>	<i>1.968</i>	<i>1.938</i>	<b>7.490</b>	7.877	7.949
<b>Consumption</b>															
<b>Electric Power Sector</b>															
Hydroelectric Power (a) .....	<b>0.618</b>	<b>0.715</b>	<b>0.596</b>	<b>0.587</b>	<i>0.635</i>	<i>0.832</i>	<i>0.629</i>	<i>0.500</i>	<i>0.575</i>	<i>0.730</i>	<i>0.598</i>	<i>0.562</i>	<b>2.516</b>	2.596	2.465
Geothermal .....	<b>0.082</b>	<b>0.082</b>	<b>0.082</b>	<b>0.083</b>	<i>0.084</i>	<i>0.082</i>	<i>0.085</i>	<i>0.085</i>	<i>0.085</i>	<i>0.082</i>	<i>0.085</i>	<i>0.085</i>	<b>0.329</b>	0.337	0.337
Solar .....	<b>0.001</b>	<b>0.005</b>	<b>0.005</b>	<b>0.002</b>	<i>0.002</i>	<i>0.005</i>	<i>0.005</i>	<i>0.002</i>	<i>0.003</i>	<i>0.007</i>	<i>0.008</i>	<i>0.003</i>	<b>0.013</b>	0.014	0.021
Wind .....	<b>0.208</b>	<b>0.261</b>	<b>0.200</b>	<b>0.267</b>	<i>0.268</i>	<i>0.314</i>	<i>0.248</i>	<i>0.261</i>	<i>0.286</i>	<i>0.349</i>	<i>0.283</i>	<i>0.302</i>	<b>0.937</b>	1.091	1.220
Wood .....	<b>0.048</b>	<b>0.044</b>	<b>0.049</b>	<b>0.046</b>	<i>0.045</i>	<i>0.040</i>	<i>0.046</i>	<i>0.045</i>	<i>0.047</i>	<i>0.042</i>	<i>0.050</i>	<i>0.048</i>	<b>0.188</b>	0.177	0.188
Other Renewables .....	<b>0.060</b>	<b>0.064</b>	<b>0.063</b>	<b>0.063</b>	<i>0.065</i>	<i>0.068</i>	<i>0.071</i>	<i>0.068</i>	<i>0.068</i>	<i>0.070</i>	<i>0.073</i>	<i>0.070</i>	<b>0.251</b>	0.272	0.280
Subtotal .....	<b>1.019</b>	<b>1.171</b>	<b>0.996</b>	<b>1.047</b>	<i>1.100</i>	<i>1.341</i>	<i>1.084</i>	<i>0.962</i>	<i>1.064</i>	<i>1.280</i>	<i>1.097</i>	<i>1.070</i>	<b>4.232</b>	4.486	4.511
<b>Industrial Sector</b>															
Hydroelectric Power (a) .....	<b>0.005</b>	<b>0.005</b>	<b>0.003</b>	<b>0.004</b>	<i>0.005</i>	<i>0.005</i>	<i>0.003</i>	<i>0.004</i>	<i>0.005</i>	<i>0.005</i>	<i>0.003</i>	<i>0.004</i>	<b>0.016</b>	0.016	0.017
Geothermal .....	<b>0.001</b>	<b>0.001</b>	<b>0.001</b>	<b>0.001</b>	<i>0.001</i>	<i>0.001</i>	<i>0.001</i>	<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>0.306</b>	<b>0.309</b>	<b>0.320</b>	<b>0.308</b>	<i>0.314</i>	<i>0.304</i>	<i>0.321</i>	<i>0.316</i>	<i>0.318</i>	<i>0.308</i>	<i>0.327</i>	<i>0.322</i>	<b>1.243</b>	1.255	1.275
Other Renewables .....	<b>0.040</b>	<b>0.040</b>	<b>0.040</b>	<b>0.043</b>	<i>0.036</i>	<i>0.041</i>	<i>0.041</i>	<i>0.040</i>	<i>0.036</i>	<i>0.041</i>	<i>0.042</i>	<i>0.041</i>	<b>0.163</b>	0.158	0.161
Subtotal .....	<b>0.355</b>	<b>0.359</b>	<b>0.368</b>	<b>0.360</b>	<i>0.361</i>	<i>0.355</i>	<i>0.370</i>	<i>0.365</i>	<i>0.365</i>	<i>0.360</i>	<i>0.377</i>	<i>0.372</i>	<b>1.443</b>	1.451	1.474
<b>Commercial Sector</b>															
Hydroelectric Power (a) .....	<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>	<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>	<b>0.004</b>	<b>0.004</b>	<b>0.004</b>	<i>0.004</i>	<i>0.004</i>	<i>0.004</i>	<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>	<b>0.018</b>	<b>0.018</b>	<b>0.018</b>	<i>0.018</i>	<i>0.017</i>	<i>0.018</i>	<i>0.018</i>	<i>0.019</i>	<i>0.017</i>	<i>0.018</i>	<i>0.019</i>	<b>0.072</b>	0.072	0.073
Other Renewables .....	<b>0.008</b>	<b>0.009</b>	<b>0.008</b>	<b>0.008</b>	<i>0.008</i>	<i>0.009</i>	<i>0.008</i>	<i>0.008</i>	<i>0.008</i>	<i>0.009</i>	<i>0.009</i>	<i>0.008</i>	<b>0.034</b>	0.033	0.033
Subtotal .....	<b>0.031</b>	<b>0.032</b>	<b>0.031</b>	<b>0.031</b>	<i>0.031</i>	<i>0.031</i>	<i>0.032</i>	<i>0.031</i>	<i>0.032</i>	<i>0.031</i>	<i>0.032</i>	<i>0.032</i>	<b>0.126</b>	0.126	0.127
<b>Residential Sector</b>															
Geothermal .....	<b>0.008</b>	<b>0.008</b>	<b>0.008</b>	<b>0.008</b>	<i>0.008</i>	<i>0.008</i>	<i>0.008</i>	<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>	<i>0.108</i>	<i>0.108</i>	<i>0.108</i>	<i>0.108</i>	<i>0.108</i>	<i>0.108</i>	<i>0.108</i>	<i>0.108</i>	<b>0.429</b>	0.431	0.431
Solar .....	<b>0.025</b>	<b>0.025</b>	<b>0.025</b>	<b>0.025</b>	<i>0.025</i>	<i>0.025</i>	<i>0.025</i>	<i>0.025</i>	<i>0.025</i>	<i>0.025</i>	<i>0.025</i>	<i>0.025</i>	<b>0.100</b>	0.101	0.101
Subtotal .....	<b>0.139</b>	<b>0.140</b>	<b>0.142</b>	<b>0.141</b>	<i>0.141</i>	<i>0.141</i>	<i>0.141</i>	<i>0.141</i>	<i>0.141</i>	<i>0.141</i>	<i>0.141</i>	<i>0.141</i>	<b>0.562</b>	0.564	0.564
<b>Transportation Sector</b>															
Ethanol (b) .....	<b>0.256</b>	<b>0.278</b>	<b>0.288</b>	<b>0.296</b>	<i>0.282</i>	<i>0.294</i>	<i>0.299</i>	<i>0.298</i>	<i>0.292</i>	<i>0.297</i>	<i>0.302</i>	<i>0.303</i>	<b>1.118</b>	1.172	1.194
Biodiesel (b) .....	<b>0.012</b>	<b>0.010</b>	<b>0.010</b>	<b>0.008</b>	<i>0.018</i>	<i>0.022</i>	<i>0.024</i>	<i>0.025</i>	<i>0.026</i>	<i>0.026</i>	<i>0.027</i>	<i>0.027</i>	<b>0.040</b>	0.089	0.106
Total Consumption .....	<b>1.803</b>	<b>1.979</b>	<b>1.825</b>	<b>1.880</b>	<i>1.935</i>	<i>2.179</i>	<i>1.944</i>	<i>1.817</i>	<i>1.915</i>	<i>2.131</i>	<i>1.971</i>	<i>1.940</i>	<b>7.487</b>	7.874	7.957

- = 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 - March 2011

	2010				2011				2012				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2010	2011	2012
<b>Macroeconomic</b>															
Real Gross Domestic Product															
(billion chained 2005 dollars - SAAR) .....	<b>13,139</b>	<b>13,195</b>	<b>13,279</b>	<b>13,383</b>	<i>13,521</i>	<i>13,630</i>	<i>13,725</i>	<i>13,843</i>	<i>13,912</i>	<i>13,999</i>	<i>14,106</i>	<i>14,236</i>	<b>13,249</b>	<i>13,680</i>	<i>14,063</i>
Real Disposable Personal Income															
(billion chained 2005 Dollars - SAAR) .....	<b>10,113</b>	<b>10,252</b>	<b>10,275</b>	<b>10,318</b>	<i>10,420</i>	<i>10,514</i>	<i>10,573</i>	<i>10,611</i>	<i>10,530</i>	<i>10,597</i>	<i>10,642</i>	<i>10,704</i>	<b>10,239</b>	<i>10,530</i>	<i>10,618</i>
Real Fixed Investment															
(billion chained 2005 dollars-SAAR) .....	<b>1,631</b>	<b>1,703</b>	<b>1,709</b>	<b>1,727</b>	<i>1,748</i>	<i>1,806</i>	<i>1,869</i>	<i>1,922</i>	<i>1,945</i>	<i>1,996</i>	<i>2,058</i>	<i>2,125</i>	<b>1,692</b>	<i>1,836</i>	<i>2,031</i>
Business Inventory Change															
(billion chained 2005 dollars-SAAR) .....	<b>21.04</b>	<b>-3.40</b>	<b>29.63</b>	<b>20.68</b>	<i>25.90</i>	<i>26.78</i>	<i>26.10</i>	<i>20.18</i>	<i>13.61</i>	<i>8.91</i>	<i>8.39</i>	<i>9.70</i>	<b>16.99</b>	<i>24.74</i>	<i>10.15</i>
Housing Stock															
(millions) .....	<b>123.5</b>	<b>123.6</b>	<b>123.6</b>	<b>123.5</b>	<i>123.5</i>	<i>123.5</i>	<i>123.5</i>	<i>123.6</i>	<i>123.6</i>	<i>123.7</i>	<i>123.8</i>	<i>123.9</i>	<b>123.5</b>	<i>123.6</i>	<i>123.9</i>
Non-Farm Employment															
(millions) .....	<b>129.3</b>	<b>130.0</b>	<b>129.9</b>	<b>130.1</b>	<i>130.5</i>	<i>131.1</i>	<i>131.7</i>	<i>132.5</i>	<i>133.1</i>	<i>133.7</i>	<i>134.3</i>	<i>135.0</i>	<b>129.8</b>	<i>131.5</i>	<i>134.0</i>
Commercial Employment															
(millions) .....	<b>87.3</b>	<b>87.6</b>	<b>87.9</b>	<b>88.2</b>	<i>88.6</i>	<i>89.2</i>	<i>89.8</i>	<i>90.4</i>	<i>90.9</i>	<i>91.3</i>	<i>91.7</i>	<i>92.2</i>	<b>87.8</b>	<i>89.5</i>	<i>91.5</i>
<b>Industrial Production Indices (Index, 2007=100)</b>															
Total Industrial Production .....	<b>90.6</b>	<b>92.2</b>	<b>93.7</b>	<b>94.3</b>	<i>95.8</i>	<i>96.5</i>	<i>97.5</i>	<i>98.4</i>	<i>99.0</i>	<i>99.6</i>	<i>100.5</i>	<i>101.4</i>	<b>92.7</b>	<i>97.0</i>	<i>100.1</i>
Manufacturing .....	<b>88.5</b>	<b>90.6</b>	<b>91.7</b>	<b>92.5</b>	<i>94.2</i>	<i>95.5</i>	<i>96.8</i>	<i>98.0</i>	<i>98.8</i>	<i>99.6</i>	<i>100.7</i>	<i>101.8</i>	<b>90.8</b>	<i>96.1</i>	<i>100.2</i>
Food .....	<b>100.9</b>	<b>102.2</b>	<b>104.5</b>	<b>105.7</b>	<i>106.1</i>	<i>106.6</i>	<i>107.1</i>	<i>107.6</i>	<i>108.2</i>	<i>108.7</i>	<i>109.3</i>	<i>109.7</i>	<b>103.3</b>	<i>106.8</i>	<i>109.0</i>
Paper .....	<b>88.3</b>	<b>88.9</b>	<b>88.4</b>	<b>87.7</b>	<i>87.7</i>	<i>88.3</i>	<i>89.0</i>	<i>89.8</i>	<i>90.4</i>	<i>91.0</i>	<i>91.7</i>	<i>92.4</i>	<b>88.3</b>	<i>88.7</i>	<i>91.4</i>
Chemicals .....	<b>94.6</b>	<b>93.5</b>	<b>93.9</b>	<b>95.3</b>	<i>96.4</i>	<i>97.1</i>	<i>97.8</i>	<i>98.5</i>	<i>99.0</i>	<i>99.6</i>	<i>100.4</i>	<i>101.0</i>	<b>94.3</b>	<i>97.5</i>	<i>100.0</i>
Petroleum .....	<b>91.9</b>	<b>97.5</b>	<b>98.8</b>	<b>98.3</b>	<i>99.5</i>	<i>100.0</i>	<i>100.3</i>	<i>100.5</i>	<i>100.7</i>	<i>100.9</i>	<i>101.2</i>	<i>101.5</i>	<b>96.6</b>	<i>100.1</i>	<i>101.1</i>
Stone, Clay, Glass .....	<b>71.9</b>	<b>75.6</b>	<b>76.4</b>	<b>77.0</b>	<i>76.8</i>	<i>76.8</i>	<i>77.5</i>	<i>78.6</i>	<i>80.1</i>	<i>81.7</i>	<i>83.5</i>	<i>85.1</i>	<b>75.3</b>	<i>77.4</i>	<i>82.6</i>
Primary Metals .....	<b>82.9</b>	<b>86.6</b>	<b>82.4</b>	<b>86.1</b>	<i>88.3</i>	<i>88.8</i>	<i>89.3</i>	<i>89.9</i>	<i>90.2</i>	<i>90.6</i>	<i>91.7</i>	<i>92.5</i>	<b>84.5</b>	<i>89.1</i>	<i>91.3</i>
Resins and Synthetic Products .....	<b>87.1</b>	<b>84.0</b>	<b>86.7</b>	<b>86.4</b>	<i>88.1</i>	<i>88.7</i>	<i>89.2</i>	<i>89.7</i>	<i>90.2</i>	<i>90.8</i>	<i>91.6</i>	<i>92.1</i>	<b>86.1</b>	<i>88.9</i>	<i>91.2</i>
Agricultural Chemicals .....	<b>95.1</b>	<b>90.3</b>	<b>90.0</b>	<b>96.6</b>	<i>99.0</i>	<i>99.2</i>	<i>99.5</i>	<i>99.8</i>	<i>99.8</i>	<i>99.7</i>	<i>100.0</i>	<i>100.0</i>	<b>93.0</b>	<i>99.4</i>	<i>99.8</i>
Natural Gas-weighted (a) .....	<b>88.9</b>	<b>90.1</b>	<b>90.7</b>	<b>92.3</b>	<i>93.5</i>	<i>93.8</i>	<i>94.3</i>	<i>94.9</i>	<i>95.3</i>	<i>95.7</i>	<i>96.5</i>	<i>97.1</i>	<b>90.5</b>	<i>94.1</i>	<i>96.2</i>
<b>Price Indexes</b>															
Consumer Price Index (all urban consumers)															
(index, 1982-1984=1.00) .....	<b>2.18</b>	<b>2.17</b>	<b>2.18</b>	<b>2.19</b>	<i>2.21</i>	<i>2.21</i>	<i>2.23</i>	<i>2.24</i>	<i>2.25</i>	<i>2.26</i>	<i>2.27</i>	<i>2.28</i>	<b>2.18</b>	<i>2.22</i>	<i>2.26</i>
Producer Price Index: All Commodities															
(index, 1982=1.00) .....	<b>1.85</b>	<b>1.82</b>	<b>1.82</b>	<b>1.90</b>	<i>1.96</i>	<i>1.95</i>	<i>1.95</i>	<i>1.96</i>	<i>1.97</i>	<i>1.97</i>	<i>1.98</i>	<i>2.00</i>	<b>1.85</b>	<i>1.96</i>	<i>1.98</i>
Producer Price Index: Petroleum															
(index, 1982=1.00) .....	<b>2.17</b>	<b>2.26</b>	<b>2.13</b>	<b>2.31</b>	<i>2.74</i>	<i>3.11</i>	<i>3.08</i>	<i>3.03</i>	<i>3.10</i>	<i>3.11</i>	<i>3.04</i>	<i>2.96</i>	<b>2.22</b>	<i>2.99</i>	<i>3.05</i>
GDP Implicit Price Deflator															
(index, 2005=100) .....	<b>110.0</b>	<b>110.5</b>	<b>111.1</b>	<b>111.2</b>	<i>111.7</i>	<i>111.8</i>	<i>112.2</i>	<i>112.5</i>	<i>113.0</i>	<i>113.2</i>	<i>113.6</i>	<i>114.0</i>	<b>110.7</b>	<i>112.0</i>	<i>113.5</i>
<b>Miscellaneous</b>															
Vehicle Miles Traveled (b)															
(million miles/day) .....	<b>7,662</b>	<b>8,569</b>	<b>8,537</b>	<b>8,108</b>	<i>7,817</i>	<i>8,603</i>	<i>8,514</i>	<i>8,129</i>	<i>7,881</i>	<i>8,653</i>	<i>8,573</i>	<i>8,208</i>	<b>8,221</b>	<i>8,267</i>	<i>8,329</i>
Air Travel Capacity															
(Available ton-miles/day, thousands) .....	<b>491</b>	<b>530</b>	<b>543</b>	<b>519</b>	<i>491</i>	<i>526</i>	<i>554</i>	<i>533</i>	<i>503</i>	<i>538</i>	<i>563</i>	<i>542</i>	<b>521</b>	<i>526</i>	<i>537</i>
Aircraft Utilization															
(Revenue ton-miles/day, thousands) .....	<b>293</b>	<b>330</b>	<b>340</b>	<b>320</b>	<i>296</i>	<i>326</i>	<i>345</i>	<i>332</i>	<i>308</i>	<i>339</i>	<i>357</i>	<i>346</i>	<b>321</b>	<i>325</i>	<i>338</i>
Airline Ticket Price Index															
(index, 1982-1984=100) .....	<b>266.4</b>	<b>282.0</b>	<b>282.2</b>	<b>282.2</b>	<i>286.2</i>	<i>294.4</i>	<i>315.1</i>	<i>314.7</i>	<i>297.5</i>	<i>298.0</i>	<i>305.9</i>	<i>298.8</i>	<b>278.2</b>	<i>302.6</i>	<i>300.1</i>
Raw Steel Production															
(million short tons per day) .....	<b>0.234</b>	<b>0.253</b>	<b>0.245</b>	<b>0.237</b>	<i>0.261</i>	<i>0.272</i>	<i>0.264</i>	<i>0.249</i>	<i>0.253</i>	<i>0.267</i>	<i>0.262</i>	<i>0.249</i>	<b>0.242</b>	<i>0.262</i>	<i>0.258</i>
<b>Carbon Dioxide (CO<sub>2</sub>) Emissions (million metric tons)</b>															
Petroleum .....	<b>569</b>	<b>586</b>	<b>600</b>	<b>593</b>	<i>584</i>	<i>590</i>	<i>597</i>	<i>598</i>	<i>593</i>	<i>595</i>	<i>602</i>	<i>603</i>	<b>2,348</b>	<i>2,369</i>	<i>2,393</i>
Natural Gas .....	<b>401</b>	<b>263</b>	<b>284</b>	<b>338</b>	<i>397</i>	<i>267</i>	<i>283</i>	<i>348</i>	<i>400</i>	<i>271</i>	<i>289</i>	<i>351</i>	<b>1,286</b>	<i>1,294</i>	<i>1,311</i>
Coal .....	<b>499</b>	<b>467</b>	<b>540</b>	<b>472</b>	<i>510</i>	<i>456</i>	<i>534</i>	<i>500</i>	<i>529</i>	<i>476</i>	<i>551</i>	<i>507</i>	<b>1,978</b>	<i>2,000</i>	<i>2,063</i>
Total Fossil Fuels .....	<b>1,469</b>	<b>1,316</b>	<b>1,424</b>	<b>1,403</b>	<i>1,490</i>	<i>1,312</i>	<i>1,414</i>	<i>1,446</i>	<i>1,522</i>	<i>1,343</i>	<i>1,442</i>	<i>1,460</i>	<b>5,613</b>	<i>5,663</i>	<i>5,766</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 - March 2011

	2010				2011				2012				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2010	2011	2012
<b>Real Gross State Product (Billion \$2005)</b>															
New England .....	<b>717</b>	<b>720</b>	<b>725</b>	<b>730</b>	<i>737</i>	<i>742</i>	<i>747</i>	<i>753</i>	<i>755</i>	<i>759</i>	<i>764</i>	<i>770</i>	<b>723</b>	<b>745</b>	<b>762</b>
Middle Atlantic .....	<b>1,937</b>	<b>1,944</b>	<b>1,952</b>	<b>1,967</b>	<i>1,987</i>	<i>2,003</i>	<i>2,016</i>	<i>2,032</i>	<i>2,040</i>	<i>2,051</i>	<i>2,064</i>	<i>2,082</i>	<b>1,950</b>	<b>2,009</b>	<b>2,059</b>
E. N. Central .....	<b>1,820</b>	<b>1,827</b>	<b>1,836</b>	<b>1,849</b>	<i>1,867</i>	<i>1,879</i>	<i>1,890</i>	<i>1,907</i>	<i>1,915</i>	<i>1,925</i>	<i>1,937</i>	<i>1,950</i>	<b>1,833</b>	<b>1,886</b>	<b>1,932</b>
W. N. Central .....	<b>861</b>	<b>865</b>	<b>871</b>	<b>877</b>	<i>885</i>	<i>892</i>	<i>897</i>	<i>904</i>	<i>908</i>	<i>912</i>	<i>919</i>	<i>926</i>	<b>868</b>	<b>894</b>	<b>916</b>
S. Atlantic .....	<b>2,401</b>	<b>2,411</b>	<b>2,427</b>	<b>2,449</b>	<i>2,475</i>	<i>2,496</i>	<i>2,515</i>	<i>2,537</i>	<i>2,551</i>	<i>2,569</i>	<i>2,590</i>	<i>2,617</i>	<b>2,422</b>	<b>2,506</b>	<b>2,582</b>
E. S. Central .....	<b>616</b>	<b>617</b>	<b>621</b>	<b>626</b>	<i>632</i>	<i>637</i>	<i>641</i>	<i>646</i>	<i>650</i>	<i>654</i>	<i>660</i>	<i>666</i>	<b>620</b>	<b>639</b>	<b>657</b>
W. S. Central .....	<b>1,508</b>	<b>1,520</b>	<b>1,534</b>	<b>1,546</b>	<i>1,564</i>	<i>1,579</i>	<i>1,592</i>	<i>1,607</i>	<i>1,619</i>	<i>1,633</i>	<i>1,647</i>	<i>1,664</i>	<b>1,527</b>	<b>1,586</b>	<b>1,641</b>
Mountain .....	<b>875</b>	<b>878</b>	<b>884</b>	<b>892</b>	<i>901</i>	<i>909</i>	<i>916</i>	<i>924</i>	<i>929</i>	<i>935</i>	<i>943</i>	<i>952</i>	<b>882</b>	<b>912</b>	<b>940</b>
Pacific .....	<b>2,343</b>	<b>2,353</b>	<b>2,368</b>	<b>2,387</b>	<i>2,411</i>	<i>2,432</i>	<i>2,449</i>	<i>2,470</i>	<i>2,481</i>	<i>2,497</i>	<i>2,517</i>	<i>2,544</i>	<b>2,363</b>	<b>2,440</b>	<b>2,510</b>
<b>Industrial Output, Manufacturing (Index, Year 2007=100)</b>															
New England .....	<b>91.0</b>	<b>93.2</b>	<b>94.3</b>	<b>94.7</b>	<i>96.2</i>	<i>97.3</i>	<i>98.4</i>	<i>99.4</i>	<i>99.8</i>	<i>100.4</i>	<i>101.2</i>	<i>102.1</i>	<b>93.3</b>	<b>97.8</b>	<b>100.9</b>
Middle Atlantic .....	<b>89.0</b>	<b>91.0</b>	<b>92.0</b>	<b>93.0</b>	<i>94.6</i>	<i>95.8</i>	<i>97.0</i>	<i>98.1</i>	<i>98.6</i>	<i>99.2</i>	<i>100.1</i>	<i>101.0</i>	<b>91.2</b>	<b>96.4</b>	<b>99.7</b>
E. N. Central .....	<b>85.0</b>	<b>87.7</b>	<b>88.9</b>	<b>89.5</b>	<i>91.0</i>	<i>92.2</i>	<i>93.3</i>	<i>94.4</i>	<i>95.1</i>	<i>95.8</i>	<i>96.8</i>	<i>97.9</i>	<b>87.8</b>	<b>92.7</b>	<b>96.4</b>
W. N. Central .....	<b>91.5</b>	<b>94.1</b>	<b>95.5</b>	<b>96.6</b>	<i>98.5</i>	<i>99.8</i>	<i>101.0</i>	<i>102.2</i>	<i>103.0</i>	<i>103.8</i>	<i>104.9</i>	<i>106.2</i>	<b>94.4</b>	<b>100.4</b>	<b>104.5</b>
S. Atlantic .....	<b>85.8</b>	<b>87.4</b>	<b>88.2</b>	<b>88.7</b>	<i>90.2</i>	<i>91.4</i>	<i>92.4</i>	<i>93.6</i>	<i>94.2</i>	<i>95.0</i>	<i>96.0</i>	<i>97.0</i>	<b>87.5</b>	<b>91.9</b>	<b>95.5</b>
E. S. Central .....	<b>85.7</b>	<b>87.8</b>	<b>88.9</b>	<b>89.9</b>	<i>91.6</i>	<i>93.0</i>	<i>94.3</i>	<i>95.9</i>	<i>96.9</i>	<i>98.0</i>	<i>99.3</i>	<i>100.6</i>	<b>88.1</b>	<b>93.7</b>	<b>98.7</b>
W. S. Central .....	<b>92.1</b>	<b>94.8</b>	<b>96.7</b>	<b>97.8</b>	<i>99.6</i>	<i>101.0</i>	<i>102.4</i>	<i>104.0</i>	<i>105.0</i>	<i>106.0</i>	<i>107.2</i>	<i>108.4</i>	<b>95.3</b>	<b>101.7</b>	<b>106.6</b>
Mountain .....	<b>87.5</b>	<b>89.7</b>	<b>90.8</b>	<b>91.6</b>	<i>93.4</i>	<i>94.7</i>	<i>96.0</i>	<i>97.3</i>	<i>98.1</i>	<i>99.0</i>	<i>100.1</i>	<i>101.3</i>	<b>89.9</b>	<b>95.4</b>	<b>99.6</b>
Pacific .....	<b>90.6</b>	<b>92.0</b>	<b>92.6</b>	<b>93.5</b>	<i>95.4</i>	<i>96.8</i>	<i>98.2</i>	<i>99.5</i>	<i>100.3</i>	<i>101.2</i>	<i>102.2</i>	<i>103.3</i>	<b>92.2</b>	<b>97.5</b>	<b>101.8</b>
<b>Real Personal Income (Billion \$2005)</b>															
New England .....	<b>631</b>	<b>639</b>	<b>642</b>	<b>645</b>	<i>654</i>	<i>659</i>	<i>663</i>	<i>666</i>	<i>663</i>	<i>667</i>	<i>670</i>	<i>674</i>	<b>639</b>	<b>660</b>	<b>669</b>
Middle Atlantic .....	<b>1,696</b>	<b>1,717</b>	<b>1,724</b>	<b>1,731</b>	<i>1,755</i>	<i>1,772</i>	<i>1,783</i>	<i>1,791</i>	<i>1,785</i>	<i>1,799</i>	<i>1,810</i>	<i>1,823</i>	<b>1,717</b>	<b>1,775</b>	<b>1,804</b>
E. N. Central .....	<b>1,569</b>	<b>1,590</b>	<b>1,595</b>	<b>1,602</b>	<i>1,625</i>	<i>1,639</i>	<i>1,647</i>	<i>1,652</i>	<i>1,642</i>	<i>1,652</i>	<i>1,661</i>	<i>1,671</i>	<b>1,589</b>	<b>1,641</b>	<b>1,657</b>
W. N. Central .....	<b>718</b>	<b>728</b>	<b>733</b>	<b>739</b>	<i>750</i>	<i>757</i>	<i>761</i>	<i>762</i>	<i>759</i>	<i>764</i>	<i>767</i>	<i>772</i>	<b>730</b>	<b>758</b>	<b>765</b>
S. Atlantic .....	<b>2,091</b>	<b>2,119</b>	<b>2,128</b>	<b>2,141</b>	<i>2,175</i>	<i>2,197</i>	<i>2,212</i>	<i>2,224</i>	<i>2,220</i>	<i>2,237</i>	<i>2,252</i>	<i>2,271</i>	<b>2,120</b>	<b>2,202</b>	<b>2,245</b>
E. S. Central .....	<b>553</b>	<b>561</b>	<b>564</b>	<b>567</b>	<i>575</i>	<i>580</i>	<i>584</i>	<i>586</i>	<i>584</i>	<i>588</i>	<i>592</i>	<i>596</i>	<b>561</b>	<b>581</b>	<b>590</b>
W. S. Central .....	<b>1,238</b>	<b>1,260</b>	<b>1,270</b>	<b>1,278</b>	<i>1,300</i>	<i>1,315</i>	<i>1,325</i>	<i>1,334</i>	<i>1,331</i>	<i>1,343</i>	<i>1,355</i>	<i>1,367</i>	<b>1,261</b>	<b>1,318</b>	<b>1,349</b>
Mountain .....	<b>722</b>	<b>732</b>	<b>735</b>	<b>739</b>	<i>750</i>	<i>758</i>	<i>763</i>	<i>768</i>	<i>766</i>	<i>773</i>	<i>779</i>	<i>786</i>	<b>732</b>	<b>760</b>	<b>776</b>
Pacific .....	<b>1,908</b>	<b>1,931</b>	<b>1,936</b>	<b>1,947</b>	<i>1,976</i>	<i>1,998</i>	<i>2,012</i>	<i>2,022</i>	<i>2,016</i>	<i>2,032</i>	<i>2,046</i>	<i>2,064</i>	<b>1,930</b>	<b>2,002</b>	<b>2,039</b>
<b>Households (Thousands)</b>															
New England .....	<b>5,499</b>	<b>5,499</b>	<b>5,499</b>	<b>5,499</b>	<i>5,500</i>	<i>5,501</i>	<i>5,503</i>	<i>5,509</i>	<i>5,518</i>	<i>5,528</i>	<i>5,540</i>	<i>5,554</i>	<b>5,499</b>	<b>5,509</b>	<b>5,554</b>
Middle Atlantic .....	<b>15,219</b>	<b>15,212</b>	<b>15,227</b>	<b>15,235</b>	<i>15,248</i>	<i>15,263</i>	<i>15,278</i>	<i>15,296</i>	<i>15,316</i>	<i>15,340</i>	<i>15,368</i>	<i>15,399</i>	<b>15,235</b>	<b>15,296</b>	<b>15,399</b>
E. N. Central .....	<b>17,735</b>	<b>17,730</b>	<b>17,716</b>	<b>17,706</b>	<i>17,704</i>	<i>17,706</i>	<i>17,712</i>	<i>17,721</i>	<i>17,742</i>	<i>17,778</i>	<i>17,819</i>	<i>17,866</i>	<b>17,706</b>	<b>17,721</b>	<b>17,866</b>
W. N. Central .....	<b>8,062</b>	<b>8,065</b>	<b>8,073</b>	<b>8,081</b>	<i>8,091</i>	<i>8,103</i>	<i>8,116</i>	<i>8,135</i>	<i>8,158</i>	<i>8,183</i>	<i>8,209</i>	<i>8,238</i>	<b>8,081</b>	<b>8,135</b>	<b>8,238</b>
S. Atlantic .....	<b>22,251</b>	<b>22,287</b>	<b>22,306</b>	<b>22,326</b>	<i>22,354</i>	<i>22,393</i>	<i>22,433</i>	<i>22,484</i>	<i>22,546</i>	<i>22,621</i>	<i>22,708</i>	<i>22,807</i>	<b>22,326</b>	<b>22,484</b>	<b>22,807</b>
E. S. Central .....	<b>7,098</b>	<b>7,104</b>	<b>7,110</b>	<b>7,113</b>	<i>7,119</i>	<i>7,125</i>	<i>7,133</i>	<i>7,156</i>	<i>7,174</i>	<i>7,195</i>	<i>7,219</i>	<i>7,246</i>	<b>7,113</b>	<b>7,156</b>	<b>7,246</b>
W. S. Central .....	<b>12,839</b>	<b>12,868</b>	<b>12,892</b>	<b>12,918</b>	<i>12,946</i>	<i>12,978</i>	<i>13,017</i>	<i>13,065</i>	<i>13,120</i>	<i>13,177</i>	<i>13,237</i>	<i>13,299</i>	<b>12,918</b>	<b>13,065</b>	<b>13,299</b>
Mountain .....	<b>7,933</b>	<b>7,952</b>	<b>7,974</b>	<b>7,995</b>	<i>8,017</i>	<i>8,042</i>	<i>8,068</i>	<i>8,101</i>	<i>8,141</i>	<i>8,183</i>	<i>8,227</i>	<i>8,274</i>	<b>7,995</b>	<b>8,101</b>	<b>8,274</b>
Pacific .....	<b>16,948</b>	<b>16,968</b>	<b>16,995</b>	<b>17,031</b>	<i>17,059</i>	<i>17,092</i>	<i>17,127</i>	<i>17,174</i>	<i>17,231</i>	<i>17,295</i>	<i>17,364</i>	<i>17,432</i>	<b>17,031</b>	<b>17,174</b>	<b>17,432</b>
<b>Total Non-farm Employment (Millions)</b>															
New England .....	<b>6.7</b>	<b>6.7</b>	<b>6.8</b>	<b>6.8</b>	<i>6.8</i>	<i>6.8</i>	<i>6.8</i>	<i>6.8</i>	<i>6.9</i>	<i>6.9</i>	<i>6.9</i>	<i>6.9</i>	<b>6.7</b>	<b>6.8</b>	<b>6.9</b>
Middle Atlantic .....	<b>17.9</b>	<b>18.0</b>	<b>17.9</b>	<b>17.9</b>	<i>18.0</i>	<i>18.1</i>	<i>18.1</i>	<i>18.2</i>	<i>18.3</i>	<i>18.4</i>	<i>18.4</i>	<i>18.5</i>	<b>17.9</b>	<b>18.1</b>	<b>18.4</b>
E. N. Central .....	<b>19.9</b>	<b>20.0</b>	<b>20.0</b>	<b>20.0</b>	<i>20.0</i>	<i>20.1</i>	<i>20.2</i>	<i>20.3</i>	<i>20.4</i>	<i>20.5</i>	<i>20.5</i>	<i>20.6</i>	<b>20.0</b>	<b>20.2</b>	<b>20.5</b>
W. N. Central .....	<b>9.8</b>	<b>9.8</b>	<b>9.8</b>	<b>9.9</b>	<i>9.9</i>	<i>9.9</i>	<i>10.0</i>	<i>10.0</i>	<i>10.1</i>	<i>10.1</i>	<i>10.2</i>	<i>10.2</i>	<b>9.8</b>	<b>10.0</b>	<b>10.1</b>
S. Atlantic .....	<b>24.6</b>	<b>24.8</b>	<b>24.8</b>	<b>24.8</b>	<i>24.9</i>	<i>25.0</i>	<i>25.1</i>	<i>25.3</i>	<i>25.4</i>	<i>25.5</i>	<i>25.7</i>	<i>25.8</i>	<b>24.7</b>	<b>25.1</b>	<b>25.6</b>
E. S. Central .....	<b>7.3</b>	<b>7.3</b>	<b>7.3</b>	<b>7.3</b>	<i>7.4</i>	<i>7.4</i>	<i>7.4</i>	<i>7.5</i>	<i>7.5</i>	<i>7.5</i>	<i>7.6</i>	<i>7.6</i>	<b>7.3</b>	<b>7.4</b>	<b>7.6</b>
W. S. Central .....	<b>14.8</b>	<b>14.9</b>	<b>14.9</b>	<b>15.0</b>	<i>15.0</i>	<i>15.1</i>	<i>15.2</i>	<i>15.3</i>	<i>15.4</i>	<i>15.5</i>	<i>15.6</i>	<i>15.7</i>	<b>14.9</b>	<b>15.2</b>	<b>15.5</b>
Mountain .....	<b>9.0</b>	<b>9.0</b>	<b>9.0</b>	<b>9.0</b>	<i>9.1</i>	<i>9.1</i>	<i>9.2</i>	<i>9.2</i>	<i>9.3</i>	<i>9.3</i>	<i>9.4</i>	<i>9.5</i>	<b>9.0</b>	<b>9.1</b>	<b>9.4</b>
Pacific .....	<b>19.1</b>	<b>19.2</b>	<b>19.1</b>	<b>19.2</b>	<i>19.2</i>	<i>19.3</i>	<i>19.4</i>	<i>19.5</i>	<i>19.6</i>	<i>19.7</i>	<i>19.8</i>	<i>20.0</i>	<b>19.1</b>	<b>19.4</b>	<b>19.8</b>

- = 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 - March 2011

	2010				2011				2012				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2010	2011	2012
<b>Heating Degree-days</b>															
New England .....	<b>2,948</b>	<b>634</b>	<b>135</b>	<b>2,265</b>	3,289	930	183	2,256	3,239	919	190	2,252	<b>5,982</b>	6,658	6,600
Middle Atlantic .....	<b>2,805</b>	<b>477</b>	<b>61</b>	<b>2,085</b>	3,011	752	125	2,054	2,977	737	126	2,045	<b>5,428</b>	5,942	5,885
E. N. Central .....	<b>3,217</b>	<b>523</b>	<b>134</b>	<b>2,353</b>	3,269	798	156	2,307	3,193	770	158	2,299	<b>6,228</b>	6,530	6,420
W. N. Central .....	<b>3,475</b>	<b>536</b>	<b>153</b>	<b>2,434</b>	3,440	730	183	2,509	3,353	722	179	2,495	<b>6,598</b>	6,862	6,750
South Atlantic .....	<b>1,804</b>	<b>144</b>	<b>6</b>	<b>1,243</b>	1,522	243	25	1,057	1,536	242	23	1,040	<b>3,197</b>	2,847	2,842
E. S. Central .....	<b>2,297</b>	<b>169</b>	<b>19</b>	<b>1,487</b>	1,905	288	33	1,376	1,908	292	32	1,359	<b>3,973</b>	3,602	3,591
W. S. Central .....	<b>1,608</b>	<b>79</b>	<b>6</b>	<b>832</b>	1,293	98	9	894	1,274	111	7	878	<b>2,525</b>	2,294	2,270
Mountain .....	<b>2,313</b>	<b>780</b>	<b>84</b>	<b>1,768</b>	2,352	716	173	1,945	2,338	734	171	1,940	<b>4,945</b>	5,186	5,183
Pacific .....	<b>1,312</b>	<b>678</b>	<b>71</b>	<b>1,122</b>	1,418	562	106	1,145	1,434	554	94	1,118	<b>3,183</b>	3,231	3,201
U.S. Average .....	<b>2,311</b>	<b>422</b>	<b>68</b>	<b>1,659</b>	2,271	539	100	1,632	2,248	533	98	1,618	<b>4,460</b>	4,542	4,497
<b>Heating Degree-days, 30-year Normal (a)</b>															
New England .....	<b>3,219</b>	<b>930</b>	<b>190</b>	<b>2,272</b>	3,219	930	190	2,272	3,219	930	190	2,272	<b>6,611</b>	6,611	6,611
Middle Atlantic .....	<b>2,968</b>	<b>752</b>	<b>127</b>	<b>2,064</b>	2,968	752	127	2,064	2,968	752	127	2,064	<b>5,911</b>	5,911	5,911
E. N. Central .....	<b>3,227</b>	<b>798</b>	<b>156</b>	<b>2,316</b>	3,227	798	156	2,316	3,227	798	156	2,316	<b>6,497</b>	6,497	6,497
W. N. Central .....	<b>3,326</b>	<b>729</b>	<b>183</b>	<b>2,512</b>	3,326	729	183	2,512	3,326	729	183	2,512	<b>6,750</b>	6,750	6,750
South Atlantic .....	<b>1,523</b>	<b>247</b>	<b>25</b>	<b>1,058</b>	1,523	247	25	1,058	1,523	247	25	1,058	<b>2,853</b>	2,853	2,853
E. S. Central .....	<b>1,895</b>	<b>299</b>	<b>33</b>	<b>1,377</b>	1,895	299	33	1,377	1,895	299	33	1,377	<b>3,604</b>	3,604	3,604
W. S. Central .....	<b>1,270</b>	<b>112</b>	<b>9</b>	<b>896</b>	1,270	112	9	896	1,270	112	9	896	<b>2,287</b>	2,287	2,287
Mountain .....	<b>2,321</b>	<b>741</b>	<b>183</b>	<b>1,964</b>	2,321	741	183	1,964	2,321	741	183	1,964	<b>5,209</b>	5,209	5,209
Pacific .....	<b>1,419</b>	<b>556</b>	<b>108</b>	<b>1,145</b>	1,419	556	108	1,145	1,419	556	108	1,145	<b>3,228</b>	3,228	3,228
U.S. Average .....	<b>2,242</b>	<b>543</b>	<b>101</b>	<b>1,638</b>	2,242	543	101	1,638	2,242	543	101	1,638	<b>4,524</b>	4,524	4,524
<b>Cooling Degree-days</b>															
New England .....	<b>0</b>	<b>129</b>	<b>549</b>	<b>5</b>	0	69	353	0	0	81	366	1	<b>683</b>	422	448
Middle Atlantic .....	<b>0</b>	<b>261</b>	<b>714</b>	<b>1</b>	0	140	514	5	0	152	510	5	<b>976</b>	659	666
E. N. Central .....	<b>0</b>	<b>282</b>	<b>693</b>	<b>4</b>	1	197	502	8	1	210	520	8	<b>980</b>	708	739
W. N. Central .....	<b>1</b>	<b>320</b>	<b>769</b>	<b>3</b>	3	263	650	12	3	264	659	15	<b>1,093</b>	928	941
South Atlantic .....	<b>34</b>	<b>772</b>	<b>1,310</b>	<b>162</b>	90	575	1,084	209	114	580	1,107	223	<b>2,278</b>	1,958	2,023
E. S. Central .....	<b>8</b>	<b>679</b>	<b>1,280</b>	<b>37</b>	20	469	1,001	62	31	469	1,012	66	<b>2,005</b>	1,552	1,577
W. S. Central .....	<b>27</b>	<b>950</b>	<b>1,586</b>	<b>198</b>	86	810	1,423	175	82	789	1,443	190	<b>2,761</b>	2,494	2,503
Mountain .....	<b>11</b>	<b>370</b>	<b>924</b>	<b>72</b>	12	391	849	66	14	374	867	78	<b>1,377</b>	1,318	1,333
Pacific .....	<b>7</b>	<b>120</b>	<b>548</b>	<b>55</b>	4	151	514	41	7	157	552	55	<b>730</b>	710	771
U.S. Average .....	<b>12</b>	<b>445</b>	<b>937</b>	<b>73</b>	31	348	774	77	35	350	790	83	<b>1,467</b>	1,230	1,259
<b>Cooling Degree-days, 30-year Normal (a)</b>															
New England .....	<b>0</b>	<b>81</b>	<b>361</b>	<b>1</b>	0	81	361	1	0	81	361	1	<b>443</b>	443	443
Middle Atlantic .....	<b>0</b>	<b>151</b>	<b>508</b>	<b>7</b>	0	151	508	7	0	151	508	7	<b>666</b>	666	666
E. N. Central .....	<b>1</b>	<b>208</b>	<b>511</b>	<b>10</b>	1	208	511	10	1	208	511	10	<b>730</b>	730	730
W. N. Central .....	<b>3</b>	<b>270</b>	<b>661</b>	<b>14</b>	3	270	661	14	3	270	661	14	<b>948</b>	948	948
South Atlantic .....	<b>113</b>	<b>576</b>	<b>1,081</b>	<b>213</b>	113	576	1,081	213	113	576	1,081	213	<b>1,983</b>	1,983	1,983
E. S. Central .....	<b>29</b>	<b>469</b>	<b>1,002</b>	<b>66</b>	29	469	1,002	66	29	469	1,002	66	<b>1,566</b>	1,566	1,566
W. S. Central .....	<b>80</b>	<b>790</b>	<b>1,424</b>	<b>185</b>	80	790	1,424	185	80	790	1,424	185	<b>2,479</b>	2,479	2,479
Mountain .....	<b>17</b>	<b>383</b>	<b>839</b>	<b>68</b>	17	383	839	68	17	383	839	68	<b>1,307</b>	1,307	1,307
Pacific .....	<b>10</b>	<b>171</b>	<b>526</b>	<b>49</b>	10	171	526	49	10	171	526	49	<b>756</b>	756	756
U.S. Average .....	<b>34</b>	<b>353</b>	<b>775</b>	<b>80</b>	34	353	775	80	34	353	775	80	<b>1,242</b>	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.