Independent Statistics & Analysis
U.S. Energy Information Administration

December 2014

Short-Term Energy Outlook (STEO)

Highlights

- North Sea Brent crude oil spot prices fell by more than 15% in November, declining from $85/barrel (bbl) on November 3 to $72/bbl on November 28. Monthly average Brent crude oil prices have declined 29% from their 2014 high of $112/bbl in June to an average of $79/bbl in November, the lowest monthly average since September 2010. The November price decline reflects continued growth in U.S. tight oil production along with weakening outlooks for the global economy and oil demand growth. The Organization of the Petroleum Exporting Countries' (OPEC) decision in late November to maintain its current crude oil production target, despite lower oil prices, put additional downward pressure on price expectations.

- The current values of futures and options contracts suggest high uncertainty in the price outlook (*Market Prices and Uncertainty Report*). WTI futures contracts for March 2015 delivery, traded during the five-day period ending December 4, averaged $67/bbl. Implied volatility averaged 32%, establishing the lower and upper limits of the 95% confidence interval for the market's expectations of monthly average WTI prices in March 2015 at $51/bbl and $89/bbl, respectively. Last year at this time, WTI for March 2014 delivery averaged $96/bbl and implied volatility averaged 19%. The corresponding lower and upper limits of the 95% confidence interval were $82/bbl and $112/bbl.

- Total U.S. crude oil production averaged an estimated 9.0 million barrels per day (bbl/d) in November. Projected total crude oil production averages 9.3 million bbl/d in 2015, a reduction of 0.1 million bbl/d from last month's STEO.

- Driven largely by falling crude oil prices, U.S. weekly regular gasoline retail prices averaged $2.78/gallon (gal) on December 1, the lowest since October 4, 2010. U.S. regular gasoline retail prices are projected to continue declining for the remainder of the year, averaging $2.61/gal in December. EIA expects U.S. regular gasoline retail prices, which averaged $3.51/gal in 2013, to average $3.37/gal in 2014 and $2.60/gal in 2015. Forecast retail gasoline prices for 2015 are $0.35/gal lower than in last month's STEO.

- U.S. population-weighted heating degree days (HDD) were an estimated 18% higher than the previous 10-year average for November. Despite a cold start to the winter, lower fuel prices and the National Oceanic and Atmospheric Administration's (NOAA) projection of near-normal temperatures for the remainder of the winter are expected to help lessen

consumer expenditures on home heating compared with last winter. Lower crude oil prices are expected to help reduce household heating oil expenditures by 27% ($632) compared with last winter, with U.S. heating oil prices averaging 20% lower at $3.09/gal. Propane prices are expected to be 13% lower in the Northeast and 26% lower in the Midwest, resulting in households spending 20% and 34% less on propane in those regions, respectively.

- Natural gas working inventories on November 28 totaled 3.41 trillion cubic feet (Tcf), 0.23 Tcf (6%) below the level at the same time a year ago and 0.37 Tcf (10%) below the previous five-year average (2009-13). Despite the lower stocks at the start of this winter's heating season, EIA expects the Henry Hub natural gas spot price to average $3.98/million British thermal units (MMBtu) this winter compared with $4.53/MMBtu last winter, reflecting both lower expected heating demand and higher natural gas production this winter.

Global Petroleum and Other Liquids

At the conclusion of its meeting in late November, OPEC announced that it would maintain its current crude oil production target of 30 million bbl/d. EIA expects that global liquid fuels supply will continue to outpace consumption, resulting in an average stock build of 0.4 million bbl/d in 2015. Stock builds are expected to be concentrated in the first half of the year, averaging 0.7 million bbl/d during this period. EIA forecasts global liquid fuels supply to average 92.8 million bbl/d in 2015, 0.2 million bbl/d lower than in last month's STEO. The 2015 global demand forecast was also revised downward by 0.2 million bbl/d to an average of 92.3 million bbl/d, based on weaker global economic growth prospects for next year.

Consistent with OPEC's announcement, Saudi Arabia has indicated its intention to maintain its export market share rather than cut production to keep prices higher. In the past, Saudi Arabia often played the role of the swing producer, temporarily cutting its production to accommodate supply growth elsewhere or weaker global demand, or increasing its output level to make up for a supply shortfall. Saudi Arabia's production is still projected to decline in 2015 compared with this year, but by a smaller amount than previously expected. EIA projects that Saudi Arabia will cut production below its current level of 9.6 million bbl/d amid high non-OPEC supply growth, but maintain output above 9.0 million bbl/d through 2015.

Global Petroleum and Other Liquids Consumption. EIA estimates that global consumption grew by 1.3 million bbl/d in 2013, averaging 90.5 million bbl/d for the year. EIA expects global consumption to grow by 1.0 million bbl/d in 2014 and 0.9 million bbl/d in 2015. Projected global oil-consumption-weighted real gross domestic product (GDP), which increased by an estimated 2.7% in 2013, is projected to grow by 2.7% and 2.9% in 2014 and 2015, respectively. Compared with last month's forecast, global consumption was revised downward by 0.2 million bbl/d in 2015, based on a 0.3% reduction to forecast global oil-consumption-weighted real GDP growth. In the short term, the income elasticity of global demand is greater than the price elasticity of

global demand. Thus, the negative impact of lower forecast economic growth on demand outweighs the positive impact of lower oil prices.

Consumption outside of the Organization for Economic Cooperation and Development (OECD) is projected to grow by 1.2 million bbl/d in 2014 and 0.9 million bbl/d in 2015. China is the leading contributor to projected global consumption growth, with consumption increasing by an annual average of 0.36 million bbl/d in 2014 and 2015.

EIA expects a 0.2-million-bbl/d decline in OECD consumption in 2014. Japan and Europe are expected to account for much of the projected OECD consumption decline. EIA expects Japan's consumption, which fell by 0.16 million bbl/d in 2013, to decline by an additional 0.16 million bbl/d in 2014 and 0.14 million bbl/d in 2015. Japan is expected to use less fuel oil in the electricity sector as the country returns some nuclear power plants to service in 2015 and increases the use of natural gas and coal to generate electricity. EIA forecasts that OECD Europe's consumption, which fell by 0.15 million bbl/d in 2013, declines by an additional 0.12 million bbl/d in 2014 and 0.14 million bbl/d in 2015. U.S. consumption, which increased by 0.47 million bbl/d in 2013, is expected to remain flat in 2014 and then increase by 0.14 million bbl/d in 2015.

Non-OPEC Petroleum and Other Liquids Supply. EIA estimates that non-OPEC production grew by 1.4 million bbl/d in 2013, averaging 54.1 million bbl/d for the year. EIA expects non-OPEC production to grow by 1.9 million bbl/d in 2014 and 0.8 million bbl/d in 2015, with the United States as the leading contributor. Non-OPEC supply is forecast to increase by 1.6 million bbl/d in 2014 and 1.0 million bbl/d in 2015. EIA estimates that Eurasia's production will rise by an annual average of 0.05 million bbl/d in 2014 and decline by 0.09 million bbl/d in 2015, reflecting declines in Russia and Azerbaijan.

Unplanned supply disruptions among non-OPEC producers averaged slightly lower than 0.6 million bbl/d in November, virtually unchanged from the previous month. South Sudan, Syria, and Yemen accounted for more than 90% of total non-OPEC supply disruptions.

OPEC Petroleum and Other Liquids Supply. EIA estimates that OPEC crude oil production averaged 29.9 million bbl/d in 2013, a decline of almost 1.0 million bbl/d from the previous year, primarily reflecting increased outages in Libya, Nigeria, Iran, and Iraq, along with strong non-OPEC supply growth. EIA expects OPEC crude oil production to fall by 0.1 million bbl/d in 2014 and by 0.2 million bbl/d in 2015. Previously projected OPEC crude oil production declines were reduced based on a reassessment of Saudi Arabia's willingness to cut production.

The Iraqi government in Baghdad reached a deal on oil exports and revenue with the Kurdistan Regional Government (KRG) in early December 2014, which could facilitate increased production and exports from northern fields controlled by the KRG and by Baghdad. Notwithstanding this agreement, the threat of the Islamic State of Iraq and the Levant (ISIL) on northern production and exports still looms. As a result, Iraq is a major wildcard to the 2015 world oil production

forecast. EIA projects that Iraq's production will grow by 0.2 million bbl/d next year. Actual production growth has the potential to exceed this forecast if Baghdad and KRG follow through on the deal, and if ISIL does not substantially affect production.

Unplanned crude oil supply disruptions among OPEC producers averaged 2.7 million bbl/d in November 2014, an increase of nearly 0.6 million bbl/d because of new production outages in Libya and continued outages in the Neutral Zone shared by Kuwait and Saudi Arabia. Intermittent supply outages in Libya will most likely persist as the country faces political instability and a deteriorated security environment. As a result, EIA does not expect Libya's oil production to recover to its pre-blockade level of 1.4 million bbl/d over the forecast period.

EIA expects OPEC surplus crude oil production capacity, which is concentrated in Saudi Arabia, to average 2.1 million bbl/d in 2014 and 2.5 million bbl/d in 2015. The estimates do not include additional capacity that may be available in Iran but is offline because of the effects of U.S. and European Union sanctions on Iran's ability to sell its oil.

OECD Petroleum Inventories. EIA estimates that OECD commercial oil inventories totaled 2.55 billion barrels at the end of 2013, equivalent to roughly 55 days of consumption. Projected OECD oil inventories rise to 2.64 billion barrels at the end of 2014 and 2.71 billion barrels at the end of 2015.

Crude Oil Prices. North Sea Brent crude oil spot prices averaged $79/bbl in November, down $8/bbl from the October average and the first month Brent crude oil prices have averaged below $80/bbl since September 2010. The combination of robust world crude oil supply growth and weak global demand has contributed to rising global inventories and falling crude oil prices (EIA, *This Week in Petroleum*, November 13, 2014*)*. On November 27, following OPEC's decision to leave its crude oil production target unchanged, Brent crude oil spot prices fell by more than 10%, and have since fallen to $68/bbl as of December 4, the lowest daily price since May 25, 2010.

EIA expects global oil inventories to continue to build over the next year, keeping downward pressure on oil prices. The forecast Brent crude oil price averages $68/bbl in 2015, $15/bbl lower than projected in last month's STEO. Based on current market balances, EIA expects downward price pressures to be concentrated in the first half of 2015 when global inventory builds are expected to be particularly strong. EIA projects that Brent prices will reach a 2015 monthly average low of $63/bbl for each month from March through May, and then increase through the remainder of the year to average $73/bbl during the fourth quarter.

The monthly average WTI crude oil spot price fell from an average of $84/bbl in October to $76/bbl in November. Like Brent crude oil prices, WTI prices have decreased considerably, falling by more than 28% since reaching their 2014 peak at an average of $106/bbl in June. EIA now expects WTI crude oil prices to average $75/bbl in the fourth quarter of 2014 and $63/bbl in 2015, $5/bbl and $15/bbl lower than projected in last month's STEO, respectively. The

discount of WTI to Brent crude oil is forecast to widen slightly from current levels, averaging $5/bbl in 2015.

However, the current values of futures and options contracts suggest high uncertainty in the price outlook (*Market Prices and Uncertainty Report*). WTI futures contracts for March 2015 delivery, traded during the five-day period ending December 4, averaged $67/bbl. Implied volatility averaged 32%, establishing the lower and upper limits of the 95% confidence interval for the market's expectations of monthly average WTI prices in March 2015 at $51/bbl and $89/bbl, respectively. Last year at this time, WTI for March 2014 delivery averaged $96/bbl and implied volatility averaged 19%. The corresponding lower and upper limits of the 95% confidence interval were $82/bbl and $112/bbl.

The recent declines in oil price and associated increases in oil price volatility have created a particularly uncertain forecasting environment, and several factors could cause oil prices to deviate significantly from current projections. Among these is the responsiveness of supply to the lower price environment. Despite OPEC's recent decision to leave its crude oil production target at 30 million bbl/d, if crude oil prices continue to fall, Saudi Arabia and others could choose to cut production, tightening market balances. The level of crude oil production outages could also vary from forecast levels for a wide range of producers, including OPEC members Libya, Iraq, Iran, Nigeria, and Venezuela. Additionally, the price and lag time required to cause a reduction in forecast non-OPEC supply growth, particularly U.S. tight oil, is not known. The degree to which non-OPEC supply growth is affected by lower oil prices will also affect market balances and prices.

Several OPEC and non-OPEC oil producers rely heavily on oil revenues to finance their fiscal budgets. Some producers have already started adjusting their upcoming budgets to reflect the crude oil price decline. If crude oil prices continue to fall or are sustained at a lower level, then oil-dependent producers will have to make tough policy decisions. This could potentially lead to austerity programs and fuel subsidy cuts that could spark social unrest, leaving some countries vulnerable to supply disruptions if protestors target oil infrastructure. Potential new supply disruptions are a real possibility in a lower-than-expected price climate and present an uncertainty in the world oil supply forecast.

U.S. Petroleum and Other Liquids

U.S. weekly regular gasoline retail prices averaged $2.78/gal on December 1, which marked a decrease of $0.21/gal since the beginning of November and the lowest weekly price average since October 4, 2010. U.S. average regular gasoline retail prices have fallen for nine consecutive weeks and are down by 25% since their summer peak in late June. Falling Brent crude oil prices have been largely responsible for falling retail gasoline prices. EIA expects that the current low crude oil prices will contribute to further declines in gasoline prices, with the December price expected to average $2.61/gal.

Liquid Fuels Consumption. Total U.S. liquid fuels consumption rose by 470,000 bbl/d (2.5%) in 2013, the largest increase since 2004. Consumption of hydrocarbon gas liquids (HGL) registered the largest gain, increasing by 190,000 bbl/d (8.5%). In 2014, total liquid fuels consumption is expected to remain unchanged, with declines in the consumption of HGL, residual fuel oil, and other oils offsetting increases in distillate fuel and jet fuel. Total consumption is forecast to grow by 140,000 bbl/d in 2015, with HGL and distillate consumption accounting for most of the growth.

Motor gasoline consumption grew by 160,000 bbl/d (1.9%) in 2013, the largest increase since 2004. EIA expects gasoline consumption to remain mostly unchanged during the forecast period, as modest increases projected for 2014 are offset by small declines in 2015. This projection shows that continued improvements in new-vehicle fuel economy offset highway travel growth.

Distillate fuel consumption increases by 120,000 bbl/d (3.1%) in 2014, reflecting colder-than-average first-quarter weather and economic growth. Distillate consumption rises by an additional 90,000 bbl/d (2.2%) in 2015. Some of the growth in distillate fuel consumption in 2015 comes from Annex VI to the International Convention for the Prevention of Pollution from Ships (MARPOL Annex VI), which is an international agreement that generally requires the use of fuels below 1,000 parts per million sulfur by marine vessels in most U.S. waters, unless alternative devices, procedures, or compliance methods are used to achieve equivalent emissions reductions.

Residual fuel oil consumption, which falls to an estimated 240,000 bbl/d in 2014, is projected to decline further to 210,000 bbl/d in 2015, which would be the lowest level on record.

Liquid Fuels Supply. Forecast U.S. crude oil production increases from an average of 7.4 million bbl/d in 2013 to 8.6 million bbl/d in 2014 and 9.3 million bbl/d in 2015. Recent onshore Lower 48 states oil production has been higher than expected, causing an upward revision of 155,000 bbl/d from the previous forecast in the fourth quarter of 2014. However, given the reduction in the 2015 crude oil price forecast, with WTI crude oil prices expected to average $58/bbl in the second quarter of 2015, EIA expects 2015 drilling activity to decline due to unattractive economic returns in some areas of both emerging and mature oil production regions. Many companies will redirect investment away from marginal exploration and research drilling and into core areas of major tight oil plays. Oil prices remain high enough to support development drilling activity in the Bakken, Eagle Ford, Niobrara, and Permian Basin, which contribute the majority of U.S. oil production growth. The Gulf of Mexico oil production forecast has been revised downward this month by 95,000 bbl/d in 2015, as some projects which started producing in 2014 are ramping up production slower than initially expected, while other projects' start dates have been pushed back into late 2014 and early 2015.

HGL production at natural gas liquids plants, which reached a record high of 3.1 million bbl/d in September, is projected to increase to 3.3 million bbl/d by the end of 2015. Ethane and propane are expected to contribute most to the projected growth, with the majority of production

directed towards domestic petrochemical use or exports. EIA expects higher rates of ethane recoveries as a result of planned increases in petrochemical facility feedstock demand, while export terminal expansions will allow higher quantities of domestically-produced propane and butanes to reach the international market.

The growth in domestic production has contributed to a significant decline in petroleum imports. The share of total U.S. liquid fuels consumption met by net imports fell from 60% in 2005 to an average of 33% in 2013. EIA expects the net import share to decline to 21% in 2015, which would be the lowest level since 1969.

Petroleum Product Prices. U.S. average regular gasoline retail prices fell from a monthly average of $3.69/gal in June to $2.91/gal in November, the first month in which prices have averaged below $3.00/gal since December 2010. EIA expects that U.S. regular gasoline retail prices will fall to an average of $2.61/gal in December 2014. The U.S. regular gasoline retail price, which averaged $3.51/gal in 2013, is projected to average $3.37/gal in 2014 and $2.60/gal in 2015. Forecast retail gasoline prices for 2015 are $0.35/gal lower than in last month's STEO. Diesel fuel prices, which averaged $3.92/gal in 2013, are projected to fall to an average of $3.82/gal in 2014 and $3.07/gal in 2015. Forecast diesel fuel prices for 2015 are $0.31/gal lower than in last month's STEO.

The February 2015 New York Harbor reformulated blendstock for oxygenate blending (RBOB) futures contract averaged $1.85/gal for the five trading days ending December 4, 2014. An RBOB futures contract price of $1.85/gal is consistent with a monthly average regular-grade gasoline retail price less than $2.50/gal in March 2015. There is a 4% probability that the RBOB futures contract price at expiration may exceed $2.35/gal, consistent with a retail price of $3.00/gal or higher. Daily and weekly national average prices can differ significantly from monthly and seasonal averages, and there are also significant differences across regions, with monthly average prices in some areas falling above or below the national average price by $0.30/gal or more.

Lower projected crude oil prices also contribute to a reduction in the forecast residential heating oil price and average household heating oil expenditures this winter compared to last winter. The average household that uses heating oil as its primary space heating fuel is expected to pay an average of $3.09/gal this winter, $0.79/gal lower than last winter. The average household is now expected to spend $1,722 for heating oil this winter, $57 lower than in last month's STEO.

Natural Gas

After a record injection season, the 162-Bcf storage withdrawal for the week ending November 21 tied the record set last year for the largest November withdrawal. The large withdrawal reflected unseasonably cold weather east of the Rocky Mountains. As a result, this month's STEO revises downward end-of-March 2015 inventories to 1,431 Bcf, based on NOAA expectations that temperatures for the rest of the winter will be close to normal. EIA expects

the Henry Hub natural gas spot price to average $3.98/MMBtu this winter, close to last month's forecast.

Natural Gas Consumption. EIA expects total natural gas consumption to average 73.9 Bcf/d in 2014, an increase of 3.2% from 2013 and 1% higher than in last month's STEO. This upward revision largely reflects colder-than-forecast temperatures in November. In 2015, total natural gas consumption is expected to decline as lower residential and commercial consumption offset increases in the electric power and industrial sectors. Natural gas consumption in the power sector is expected to average 22.1 Bcf/d in 2014, a 0.8% decline compared to last year, reflecting higher natural gas prices this year. EIA expects natural gas consumption in the power sector to increase to 22.7 Bcf/d in 2015.

Natural Gas Production and Trade. EIA expects natural gas marketed production to grow by an annual rate of 5.5% in 2014 and 3.1% in 2015. EIA projects that the strong increases already seen in the Lower 48 states for most of this year will continue through 2015, more than offsetting the long-term trend of declining production in the Gulf of Mexico. As of September, the most recent month for which EIA data are available, dry natural gas production was 4.6 Bcf/d greater than it was in September 2013. Production usually declines in September due to seasonal maintenance; however, production this year increased slightly from August to September.

Growing domestic natural gas production is expected to reduce demand for imports from Canada and spur exports to Mexico. EIA expects exports to Mexico, particularly from the Eagle Ford Shale in South Texas, to increase because of growing demand from Mexico's electric power sector and flat Mexican production.

Liquefied natural gas (LNG) imports have fallen over the past four years because higher prices in Europe and Asia are more attractive to LNG exporters than the relatively low prices in the United States. EIA projects that the United States will become a net LNG exporter when Cheniere's LNG liquefaction plant begins service.

Natural Gas Inventories. Natural gas working inventories totaled 3,410 Bcf as of November 28, which was 227 Bcf lower than at the same time last year and 372 Bcf lower than the previous five-year (2009-13) average. Following last year's extremely cold winter, inventories fell to about 1,000 Bcf below the five-year average in mid-April. After a strong injection season, inventories were 237 Bcf below the five-year average on November 7. EIA projects that end-of-March 2015 inventories will total 1,431 Bcf, which is 225 Bcf below the five-year (2010-14) average.

Natural Gas Prices. The Henry Hub natural gas spot price averaged $4.12/MMBtu in November, an increase of 34 cents from October. EIA expects spot prices to remain above $4/MMBtu through January. Projected Henry Hub natural gas prices average $4.44/MMBtu in 2014 and $3.83/MMBtu in 2015.

Natural gas futures prices for March 2015 delivery (for the five-day period ending December 4) averaged $3.84/MMBtu. Current options and futures prices imply that market participants place the lower and upper bounds for the 95% confidence interval for March 2015 contracts at $2.40/MMBtu and $6.13/MMBtu, respectively. At this time last year, the natural gas futures contract for March 2014 averaged $3.98/MMBtu and the corresponding lower and upper limits of the 95% confidence interval were $3.01/MMBtu and $5.26/MMBtu.

Coal

Total electric power sector coal stocks increased by 3.1 million short tons (MMst) in September compared with the previous month. This increase in stocks follows the typical seasonal pattern where coal plants build stocks during the autumn months in preparation for increased coal consumption in the winter. Despite the increase, end-of-September stocks are 28 MMst (18%) lower than last year and 23% lower than the previous four-year average for the month. The large year-over-year decrease in stocks reflects increased coal-fired electricity generation during the winter of 2013-14 across a large portion of the country and subsequent decreased coal deliveries because of lingering rail transportation issues.

Coal Supply. EIA estimates that coal production for the first 11 months of this year was 909 MMst, almost unchanged from the same period last year. EIA expects that annual production will grow by 1.2% in 2014 and remain flat in 2015.

Coal Consumption. Higher electricity demand and higher power sector natural gas prices are contributing to an increase in electric power sector coal consumption this year. EIA projects electric power coal consumption of 868 MMst in 2014, an increase of 1.2% from last year. Power sector coal consumption is projected to fall by 0.4% in 2015, as retirements of coal power plants rise in response to the implementation of the Mercury and Air Toxics Standards, and electricity and natural gas prices fall relative to coal prices.

Coal Trade. Exports of coal are projected to decline to 96 MMst in 2014 from 118 MMst in 2013, primarily because of slowing world coal demand growth, lower international coal prices, and increasing coal output in other coal-exporting countries. With no improvement in global market conditions, EIA projects coal exports to fall to 83 MMst in 2015, which would be the lowest since 2010.

EIA expects coal imports, which account for about 1% of U.S. coal consumption, to total 12.2 MMst in 2014 and fall to 10.8 MMst in 2015.

Coal Prices. The annual average coal price to the electric power industry fell from a historically high $2.39/MMBtu in 2011 to $2.35/MMBtu in 2013. EIA expects the average delivered coal price to be $2.36/MMBtu in 2014 and remain at that level in 2015.

Electricity

The electricity industry has closed a number of coal-fired power plants over the past two years. During 2013, an estimated 5,700 megawatts (MW) of coal capacity was retired in the United States. From January through September of 2014, the industry shut down an additional 2,265 MW of coal capacity, with another 895 MW of retirements planned through the end of the year. These retirements account for 2.9% of existing coal-fired capacity at the end of 2012. Coal-fired power plant retirements pick up significantly next year, when more than 12,800 MW of capacity is expected to be shut down.

Electricity Consumption. Temperatures throughout the United States were significantly below normal last month, with the exception of the Pacific Coast. U.S. HDD in November were 18% higher than the previous 10-year average. However, HDD for the remainder of the winter are expected to be about 1% lower than the 10-year average and 10% lower than the same period last winter. EIA forecasts that U.S. residential electricity sales during the 2014-15 winter (October-March) will average about 1.8% less than the previous winter. EIA forecasts that sales of electricity to the commercial sector this winter will grow by 0.8%, while industrial electricity sales will grow by 1.2% from last winter.

Electricity Generation. EIA estimates that U.S. electricity generation in 2014 will average 11.2 terawatthours per day, which would be 1.1% higher than average generation last year. Rising natural gas prices this year have encouraged the industry to use existing coal capacity at higher utilization rates than last year, leading to an expected increase in coal's share of total generation from 39.1% in 2013 to 39.4% in 2014, while the share supplied by natural gas falls from 27.4% to 27.1%. In 2015, EIA expects that natural gas's fuel share will rise to 27.6% and coal's fuel share will decline to 38.9% in response to lower natural gas prices and retirements of coal-fired power plants.

Electricity Retail Prices. EIA expects the U.S. residential price to average 12.5 cents per kilowatthour in 2014, which is 3.0% higher than the average last year. Prices increase in all regions of the country except along the Pacific Coast. Average U.S. residential electricity prices grow at a slower rate of 1.7% in 2015.

Renewables and Carbon Dioxide Emissions

Electricity and Heat Generation from Renewables. EIA projects that total renewables used for electricity and heat generation will grow by 1.8% in 2014. Conventional hydropower generation is projected to fall by 4.4%, while nonhydropower renewables rise by 5.1%. Nonhydropower renewables generation surpasses hydropower on an annual basis for the first time in 2014. In 2015, total renewables consumption for electric power and heat generation increases by 4.3% as a result of similar increases in both hydropower and nonhydropower renewables. Electricity generation from wind is projected to contribute 4.7% of total electricity generation in 2015.

EIA expects continued growth in utility-scale solar power generation, which is projected to average more than 60 gigawatthours per day in 2015. Despite the growth, this remains just 0.6% of total U.S. generation. While solar growth has historically been concentrated in customer-sited distributed generation installations, utility-scale solar capacity slightly more than doubled in 2013. EIA expects that utility-scale solar capacity will nearly double again between the end of 2013 and the end of 2015, with about two-thirds of this new capacity being built in California.

Liquid Biofuels. Ethanol production reached a weekly record of 982,000 bbl/d during the week ending November 21, exceeding the previous record of 972,000 bbl/d set during the week ending June 13, 2014. Ethanol production in November also reached a monthly average record of 963,000 bbl/d, exceeding the previous record of 959,000 bbl/d set in December 2011. EIA expects ethanol production to average 931,000 bbl/d in 2014 and 948,000 bbl/d in 2015. Biodiesel production averaged 89,000 bbl/d in 2013 and is forecast to average 80,000 bbl/d in 2014 and 84,000 bbl/d in 2015.

Energy-Related Carbon Dioxide Emissions. EIA estimates that carbon dioxide emissions from fossil fuels increased by 2.5% in 2013 from the previous year. Emissions are forecast to rise by 1.3% in 2014, primarily because of cold weather early in the year, and then to remain flat in 2015.

U.S. Economic Assumptions

Recent Economic Indicators. The Bureau of Economic Analysis (BEA) reported that real gross domestic product (GDP) grew at an annualized rate of 3.9% from the second to third quarters. This was an upward revision from their earlier estimate of 3.5% growth because private inventory investment decreased less than previously estimated, and both personal consumption expenditures and nonresidential fixed investment increased more. Results from other economic data have been relatively positive as well. The Census Bureau reported that new home sales in October rose 0.7% over September 2014 levels, and 1.8% over October 2013 levels. Census also reported that new orders for durable goods rose 0.4% from August to September, but fell 0.9% excluding transportation. Real personal consumption expenditures rose 0.2% from September to October according to the BEA, and real personal disposable income rose 0.1% during this time.

EIA used the November 2014 version of the IHS/Global Insight macroeconomic model with EIA's energy price forecasts as model inputs to develop the economic projections in the STEO.

Production and Income. Real GDP growth reaches 2.2% in 2014 and rises to 2.4% in 2015, below the 2.3% and 2.7% forecast for 2014 and 2015 last month. Expected growth in 2014 is lower in this month's forecast because of less investment spending. Real GDP growth is lower in 2015 as a result of reduced exports—due to a stronger dollar and less demand from slower-growing economies. Real disposable income grows 2.7% in 2014, just above the 2.6% forecast

last month, and total industrial production grows at 4% in 2014. In 2015 real disposable income grows at 2.4% and industrial production grows at 2.3%.

Expenditures. Private real fixed investment growth averages 4.9% and 5.3% in 2014 and 2015, respectively, led by industrial and transportation equipment in 2014 and by a broad array of equipment categories in 2015. Real consumption expenditures grow at 2.2% in 2014, the same rate as real GDP, but rise above the real GDP growth rate in 2015 to 2.5%. Durable goods expenditures drive consumption spending in both years. Export growth is 3.2% and 2.9% over 2014 and 2015, respectively, while import growth is 3.4% and 2.6% over the same two years. Total government expenditures fall by 0.2% in 2014, but increase by 0.2% in 2015.

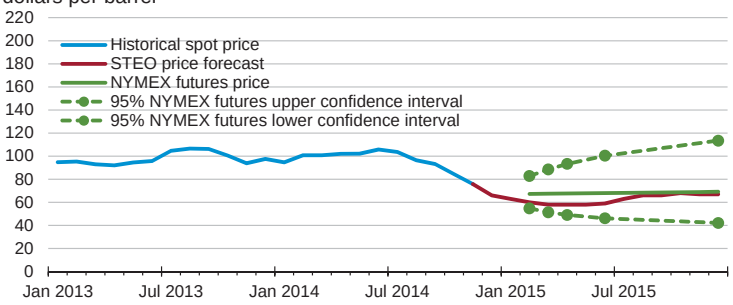
U.S. Employment, Housing, and Prices. Projected growth in nonfarm employment averages 1.8% in both 2014 and 2015. This is accompanied by a gradually declining unemployment rate that reaches 5.7% at the end of 2015. The employment growth in 2014 and 2015 is the same as projected last month, while the decline in the unemployment rate has slowed. Housing starts grow at an average of 7.4% and 16.6% in 2014 and 2015, respectively. Both consumer and producer price indexes increase at a moderate pace, and wages continue to show modest gains.

Short-Term Energy Outlook

Chart Gallery for December 2014

West Texas Intermediate (WTI) Crude Oil Price

dollars per barrel

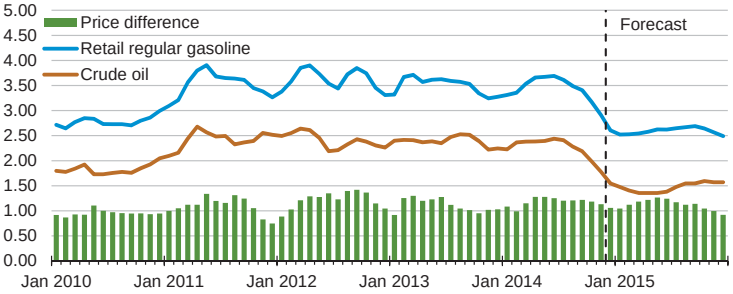


Note: Confidence interval derived from options market information for the 5 trading days ending Dec. 4, 2014. Intervals not calculated for months with sparse trading in near-the-money options contracts.

Source: Short-Term Energy Outlook, December 2014.

U.S. Gasoline and Crude Oil Prices

dollars per gallon

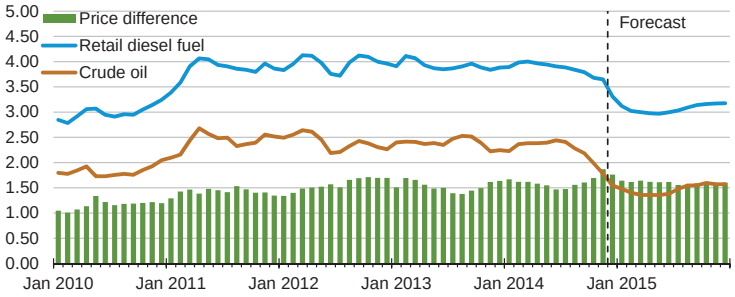


Crude oil price is composite refiner acquisition cost. Retail prices include state and federal taxes.

Source: Short-Term Energy Outlook, December 2014.

U.S. Diesel Fuel and Crude Oil Prices

dollars per gallon

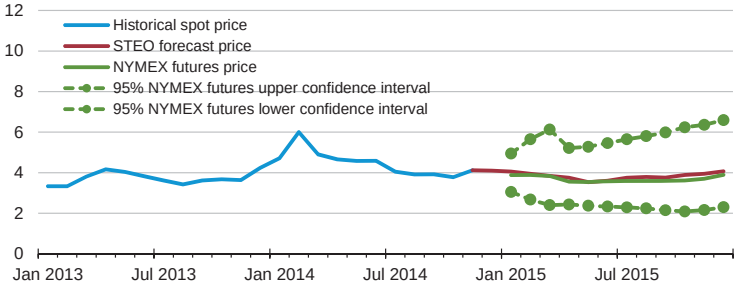


Crude oil price is composite refiner acquisition cost. Retail prices include state and federal taxes.

Source: Short-Term Energy Outlook, December 2014.

Henry Hub Natural Gas Price

dollars per million Btu

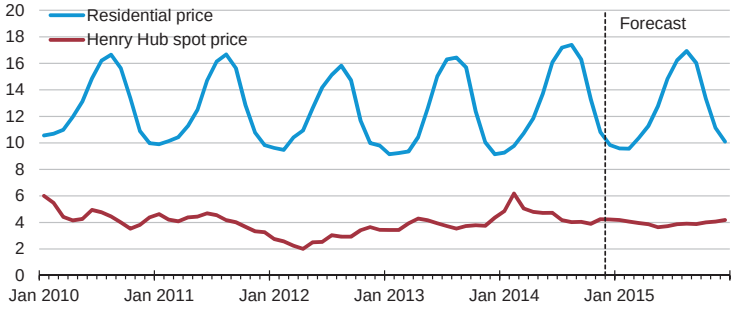


Note: Confidence interval derived from options market information for the 5 trading days ending Dec. 4, 2014. Intervals not calculated for months with sparse trading in near-the-money options contracts.

Source: Short-Term Energy Outlook, December 2014.

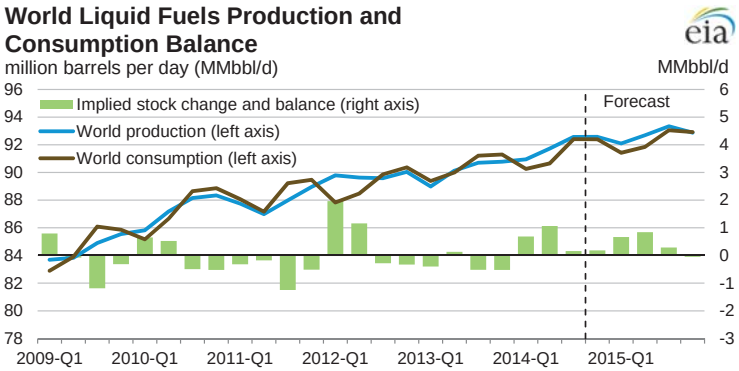
U.S. Natural Gas Prices

dollars per thousand cubic feet



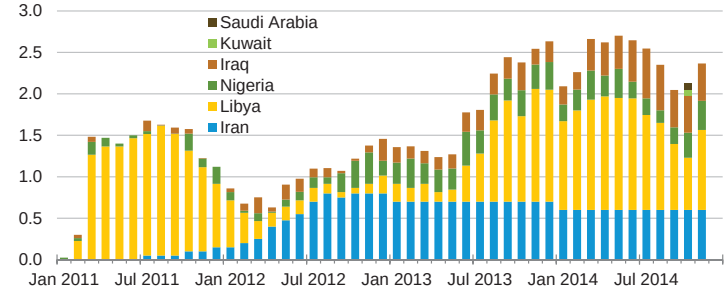
Source: Short-Term Energy Outlook, December 2014.

World Liquid Fuels Production and Consumption Balance



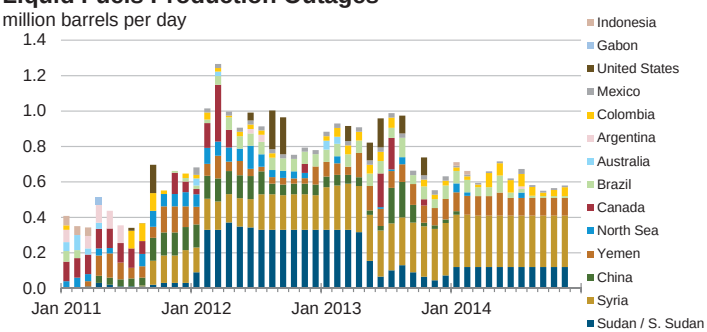
Source: Short-Term Energy Outlook, December 2014.

Estimated Historical Unplanned OPEC Crude Oil Production Outages



Source: Short-Term Energy Outlook, December 2014.

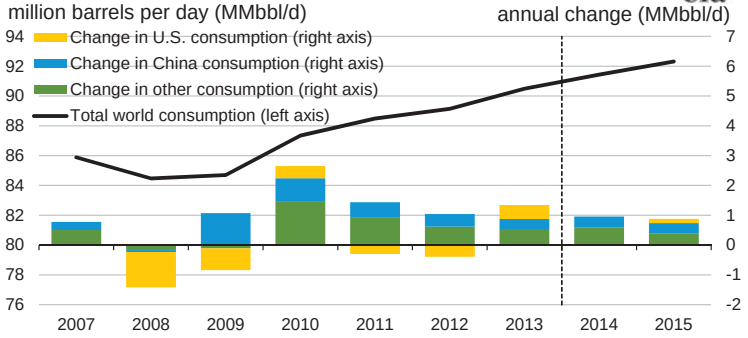
Estimated Historical Unplanned Non-OPEC Liquid Fuels Production Outages



Source: Short-Term Energy Outlook, December 2014.

World Liquid Fuels Consumption

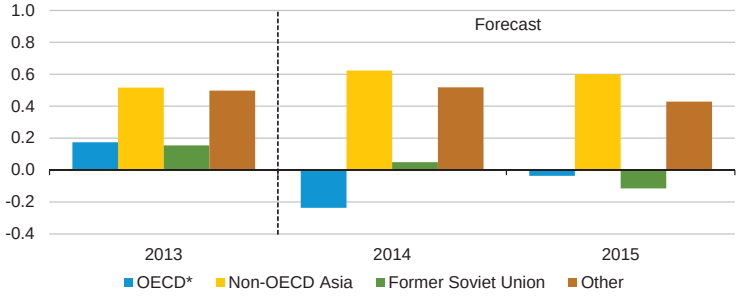
million barrels per day (MMbbl/d)



Source: Short-Term Energy Outlook, December 2014.

World Liquid Fuels Consumption Growth

million barrels per day

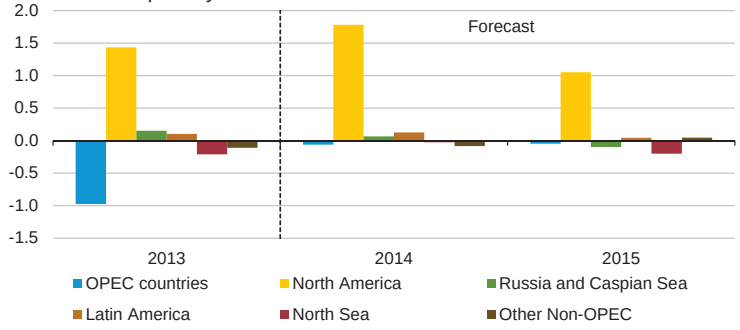


* Countries belonging to the Organization for Economic Cooperation and Development

Source: Short-Term Energy Outlook, December 2014.

World Crude Oil and Liquid Fuels Production Growth

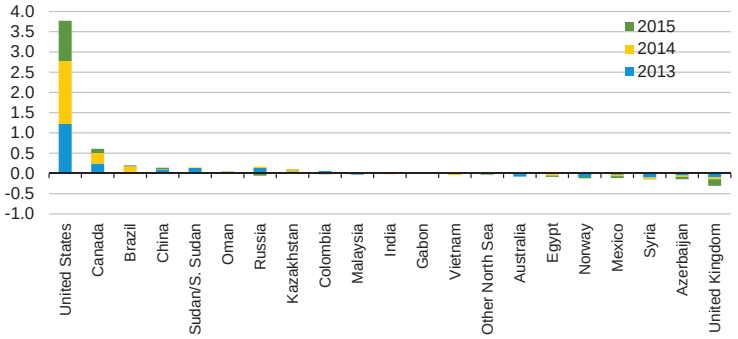
million barrels per day



Source: Short-Term Energy Outlook, December 2014.

Non-OPEC Crude Oil and Liquid Fuels Production Growth

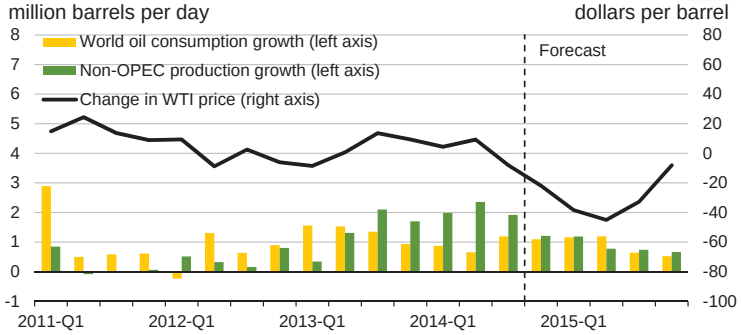
million barrels per day



Source: Short-Term Energy Outlook, December 2014.

World Consumption and Non-OPEC Production Growth

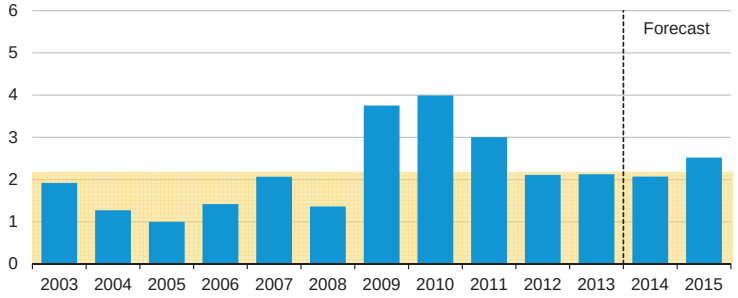
million barrels per day | dollars per barrel



Source: Short-Term Energy Outlook, December 2014.

OPEC surplus crude oil production capacity

million barrels per day

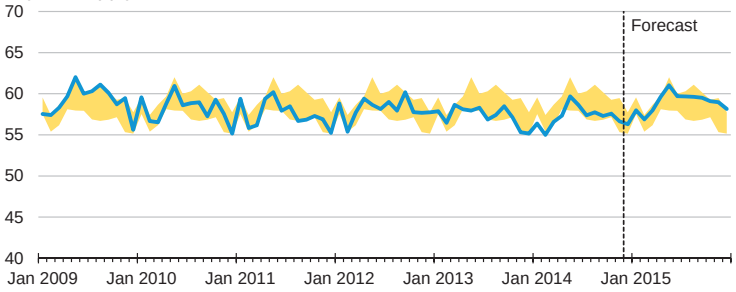


Note: Shaded area represents 2003-2013 average (2.2 million barrels per day).

Source: Short-Term Energy Outlook, December 2014.

OECD Commercial Crude Oil Stocks

days of supply



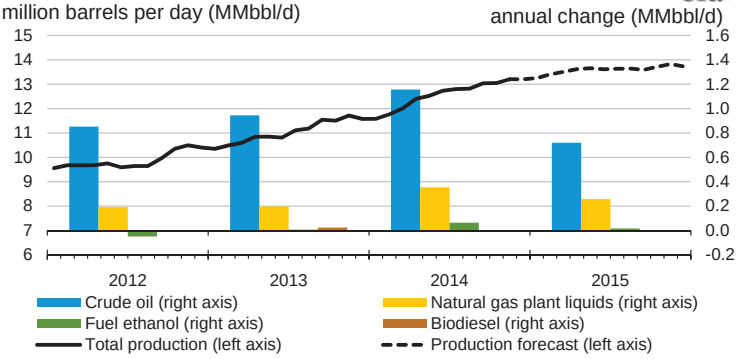
Note: Colored band around crude oil stocks days of supply represents the range between the minimum and maximum from Jan. 2009 - Dec. 2013.

Source: Short-Term Energy Outlook, December 2014.

U.S. Crude Oil and Liquid Fuels Production

million barrels per day (MMbbl/d)

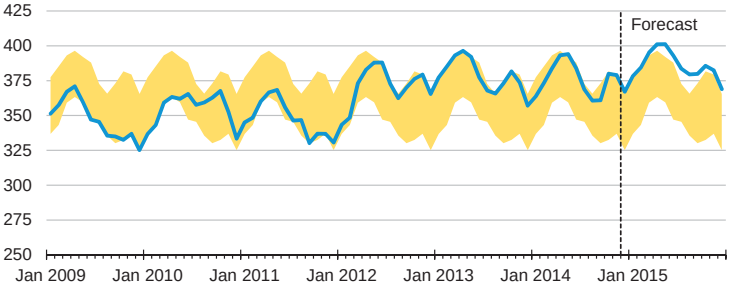
annual change (MMbbl/d)



Source: Short-Term Energy Outlook, December 2014.

U.S. Commercial Crude Oil Stocks

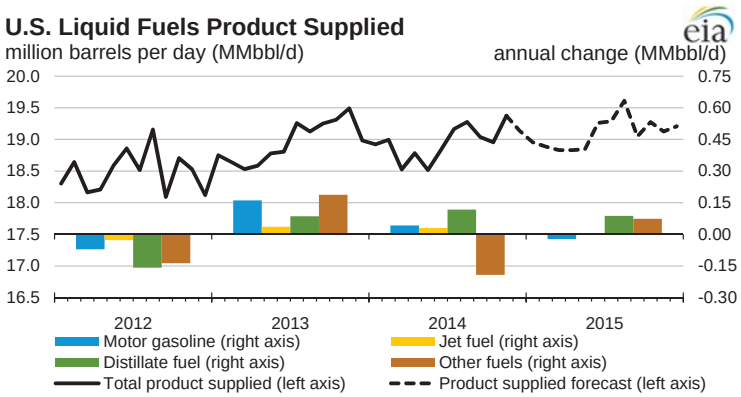
million barrels



Note: Colored band around storage levels represents the range between the minimum and maximum from Jan. 2009 - Dec. 2013.

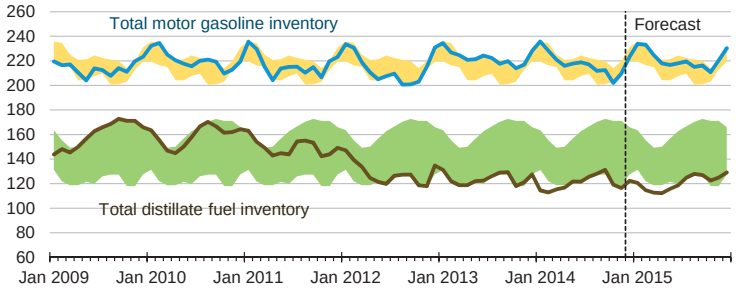
Source: Short-Term Energy Outlook, December 2014.

U.S. Liquid Fuels Product Supplied



Source: Short-Term Energy Outlook, December 2014.

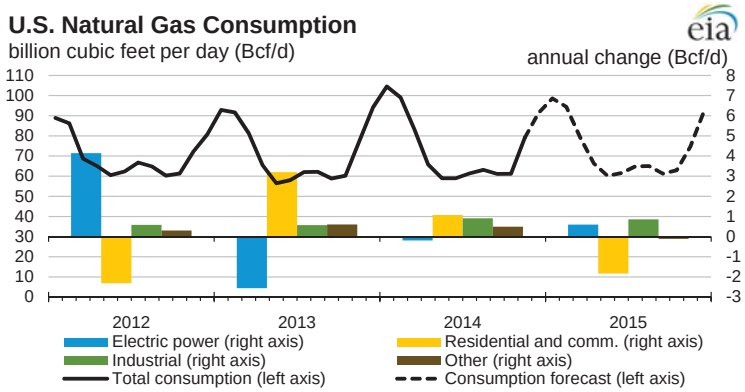
U.S. Gasoline and Distillate Inventories



Note: Colored bands around storage levels represent the range between the minimum and maximum from Jan. 2009 - Dec. 2013.

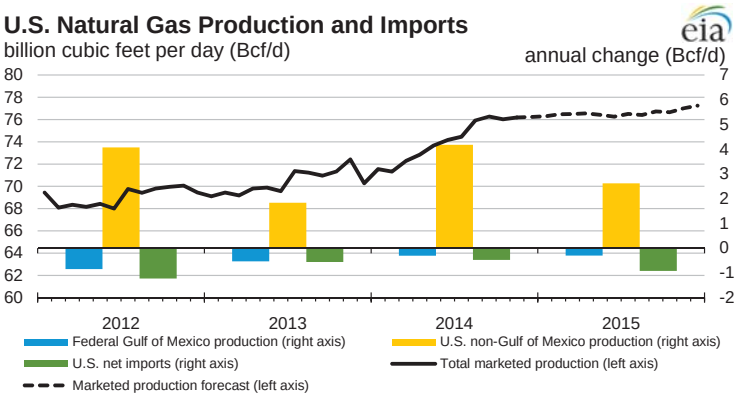
Source: Short-Term Energy Outlook, December 2014.

U.S. Natural Gas Consumption



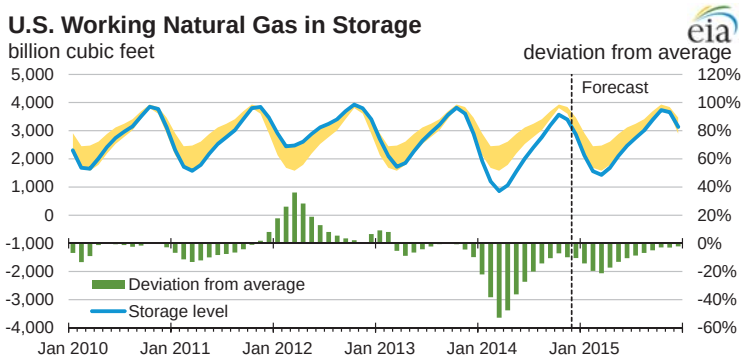
Source: Short-Term Energy Outlook, December 2014.

U.S. Natural Gas Production and Imports



Source: Short-Term Energy Outlook, December 2014.

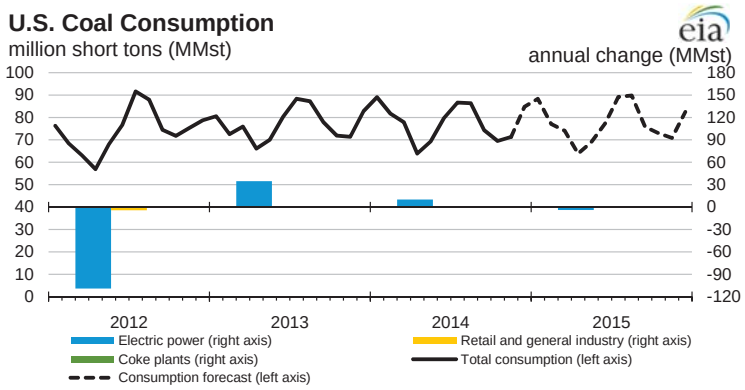
U.S. Working Natural Gas in Storage



Note: Colored band around storage levels represents the range between the minimum and maximum from Jan. 2009 - Dec. 2013.

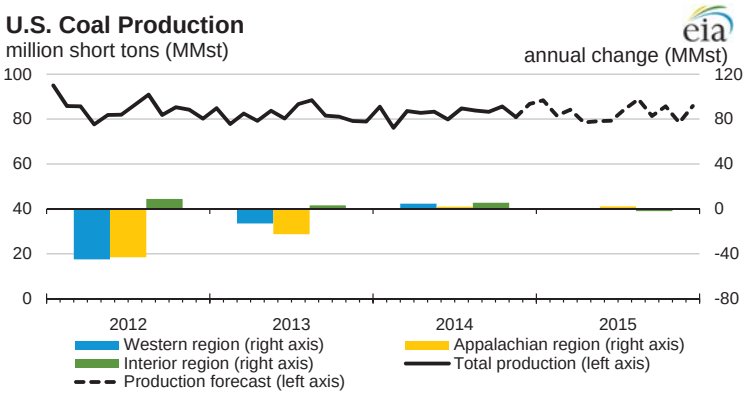
Source: Short-Term Energy Outlook, December 2014.

U.S. Coal Consumption



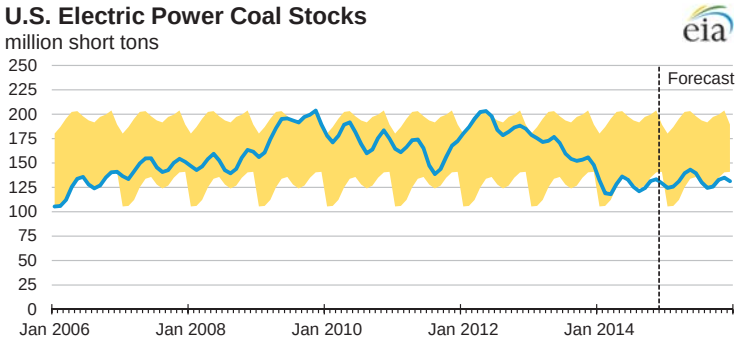
Source: Short-Term Energy Outlook, December 2014.

U.S. Coal Production



Source: Short-Term Energy Outlook, December 2014.

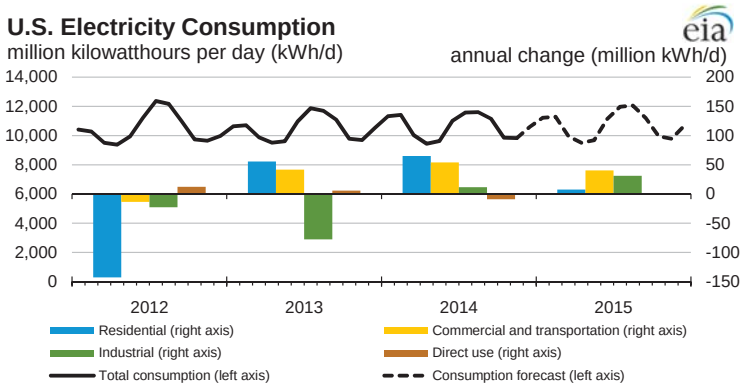
U.S. Electric Power Coal Stocks



Note: Colored band around stock levels represents the range between the minimum and maximum from Jan. 2006 - Dec. 2013.

Source: Short-Term Energy Outlook, December 2014.

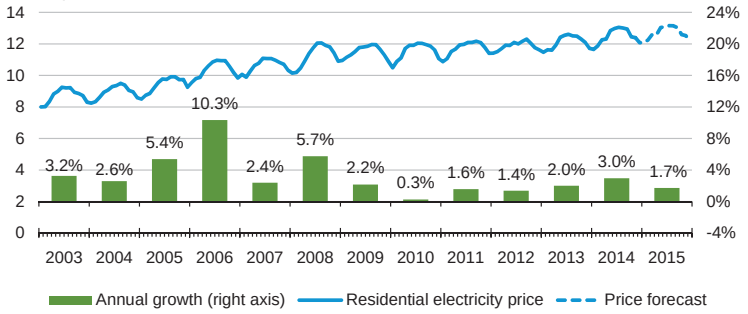
U.S. Electricity Consumption



Source: Short-Term Energy Outlook, December 2014.

U.S. Residential Electricity Price

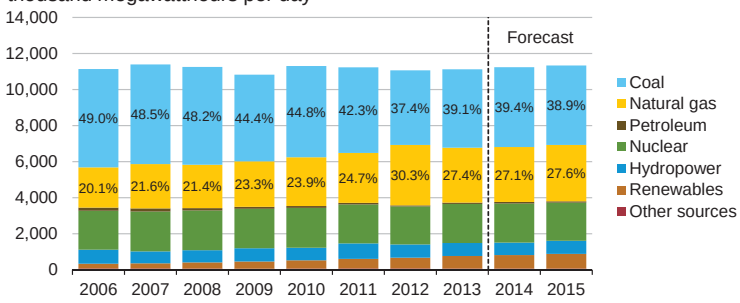
cents per kilowatthour



Source: Short-Term Energy Outlook, December 2014.

U.S. Electricity Generation by Fuel, All Sectors

thousand megawatthours per day

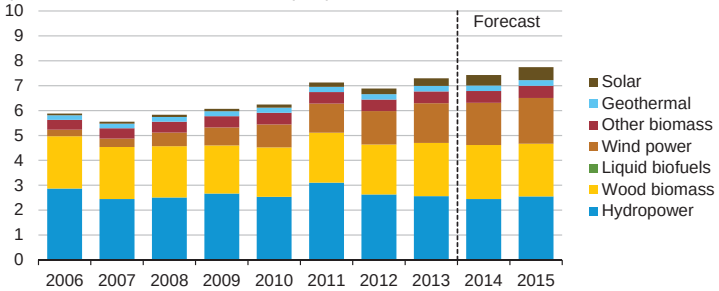


Note: Labels show percentage share of total generation provided by coal and natural gas.

Source: Short-Term Energy Outlook, December 2014.

U.S. Renewable Energy Supply

quadrillion British thermal units (Btu)

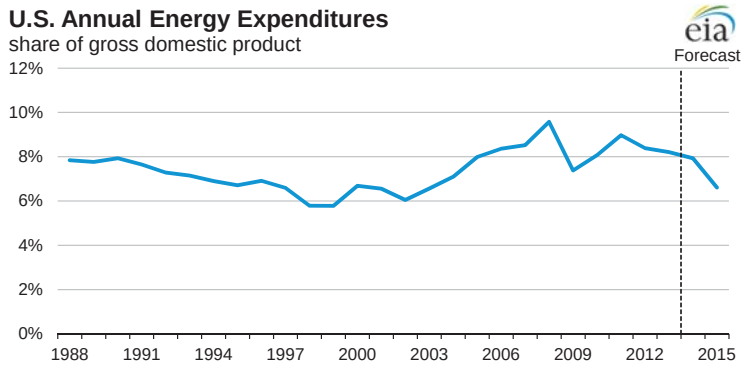


Note: Hydropower excludes pumped storage generation. Liquid biofuels include ethanol and biodiesel. Other biomass includes municipal waste from biogenic sources, landfill gas, and other non-wood waste.

Source: Short-Term Energy Outlook, December 2014.

U.S. Annual Energy Expenditures

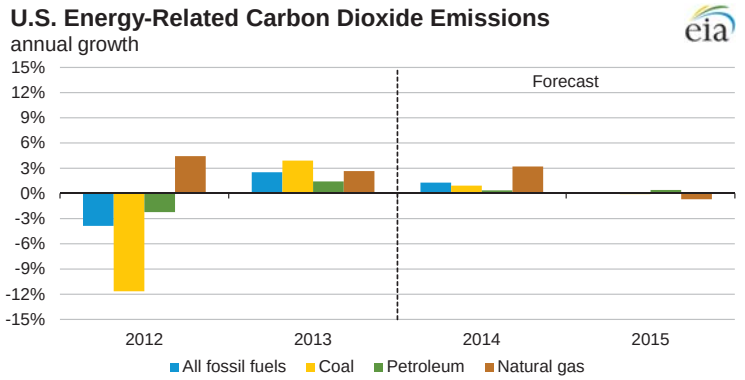
share of gross domestic product



Source: Short-Term Energy Outlook, December 2014.

U.S. Energy-Related Carbon Dioxide Emissions

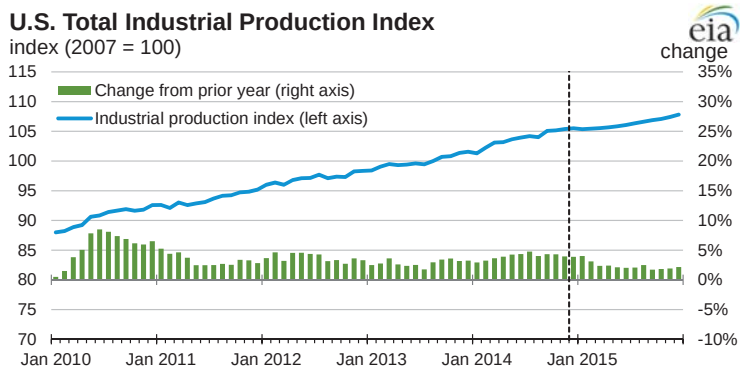
annual growth



Source: Short-Term Energy Outlook, December 2014.

U.S. Total Industrial Production Index

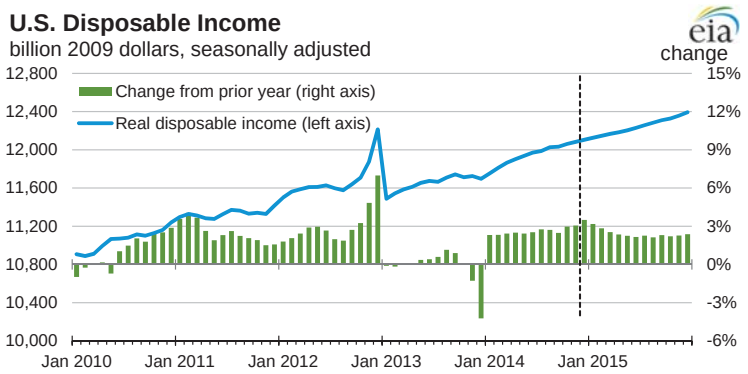
index (2007 = 100)



Source: Short-Term Energy Outlook, December 2014.

U.S. Disposable Income

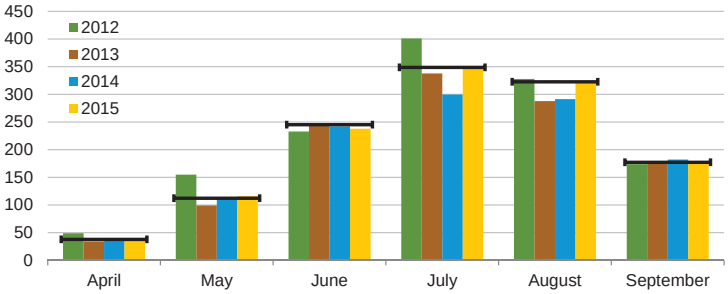
billion 2009 dollars, seasonally adjusted



Source: Short-Term Energy Outlook, December 2014.

U.S. Summer Cooling Degree Days

population-weighted

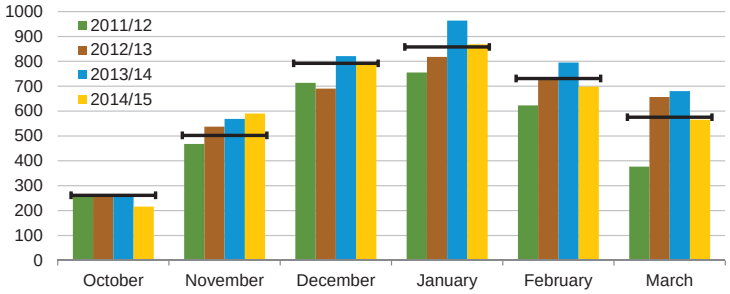


Note: EIA calculations based on from the National Oceanic and Atmospheric Administration data. Horizontal lines indicate each month's prior 10-year average (2005-2014). Projections reflect NOAA's 14-16 month outlook.

Source: Short-Term Energy Outlook, December 2014.

U.S. Winter Heating Degree Days

population-weighted



Note: EIA calculations based on National Oceanic and Atmospheric Administration (NOAA) data. Horizontal lines indicate each month's prior 10-year average (Oct 2004 - Mar 2014). Projections reflect NOAA's 14-16 month outlook.

Source: Short-Term Energy Outlook, December 2014.

U.S. Census Regions and Divisions

Source: Short-Term Energy Outlook, December 2014.

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

U.S. Energy Information Administration | Short-Term Energy Outlook - December 2014

Fuel / Region	Winter of							Forecast	
	07-08	08-09	09-10	10-11	11-12	12-13	13-14	14-15	% Change
Natural Gas									
Northeast									
Consumption (Mcf**)	75.2	80.3	75.7	80.7	66.4	76.0	84.1	77.3	-8.1
Price ($/mcf)	15.18	15.83	13.31	12.66	12.21	11.74	11.57	12.12	4.7
Expenditures ($)	1,141	1,272	1,007	1,022	812	893	973	936	-3.7
Midwest									
Consumption (Mcf)	78.2	80.7	78.6	80.2	65.4	77.6	88.1	79.1	-10.2
Price ($/mcf)	11.40	11.47	9.44	9.23	8.99	8.36	8.70	8.83	1.5
Expenditures ($)	892	926	742	740	587	648	766	698	-8.9
South									
Consumption (Mcf)	44.6	47.3	53.3	49.3	40.9	46.5	52.2	49.4	-5.3
Price ($/mcf)	14.18	14.07	11.52	11.02	11.45	10.71	10.79	11.12	3.1
Expenditures ($)	632	665	614	544	468	498	563	550	-2.3
West									
Consumption (Mcf)	48.6	46.3	48.0	47.7	47.3	46.9	44.9	43.8	-2.4
Price ($/mcf)	11.31	10.86	9.92	9.67	9.35	9.13	9.96	10.01	0.5
Expenditures ($)	550	502	476	461	442	428	448	439	-2.0
U.S. Average									
Consumption (Mcf)	62.0	63.7	63.9	64.5	55.2	62.0	67.6	62.6	-7.5
Price ($/mcf)	12.72	12.87	10.83	10.46	10.25	9.73	9.99	10.26	2.7
Expenditures ($)	789	820	692	675	566	603	675	642	-5.0
Heating Oil									
U.S. Average									
Consumption (gallons)	537.7	576.5	544.5	580.5	471.0	545.3	607.3	556.5	-8.4
Price ($/gallon)	3.33	2.65	2.85	3.38	3.73	3.87	3.88	3.09	-20.2
Expenditures ($)	1,789	1,530	1,551	1,965	1,756	2,113	2,354	1,722	-26.8
Electricity									
Northeast									
Consumption (kWh***)	6,835	7,063	6,847	7,076	6,436	6,862	7,222	6,917	-4.2
Price ($/kwh)	0.145	0.152	0.152	0.154	0.154	0.152	0.163	0.168	2.7
Expenditures ($)	988	1,071	1,040	1,091	993	1,046	1,179	1,160	-1.6
Midwest									
Consumption (kWh)	8,631	8,751	8,660	8,733	7,897	8,588	9,168	8,669	-5.5
Price ($/kwh)	0.090	0.097	0.099	0.105	0.111	0.111	0.112	0.116	3.6
Expenditures ($)	774	851	856	914	875	955	1,024	1,004	-2.0
South									
Consumption (kWh)	7,778	8,057	8,486	8,224	7,471	7,978	8,389	8,186	-2.4
Price ($/kwh)	0.098	0.109	0.103	0.104	0.107	0.107	0.109	0.112	3.0
Expenditures ($)	765	878	874	856	798	851	912	917	0.5
West									
Consumption (kWh)	7,153	6,968	7,101	7,083	7,054	7,017	6,870	6,793	-1.1
Price ($/kwh)	0.104	0.107	0.110	0.112	0.115	0.119	0.124	0.125	1.5
Expenditures ($)	742	743	784	794	809	836	849	852	0.4
U.S. Average									
Consumption (kWh)	7,557	7,701	7,909	7,817	7,225	7,645	7,965	7,726	-3.0
Price ($/kwh)	0.104	0.112	0.110	0.113	0.116	0.117	0.120	0.123	2.8
Expenditures ($)	787	864	870	881	839	892	952	949	-0.3

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

U.S. Energy Information Administration | Short-Term Energy Outlook - December 2014

Fuel / Region	Winter of							Forecast	
	07-08	08-09	09-10	10-11	11-12	12-13	13-14	14-15	% Change
Propane									
Northeast									
Consumption (gallons)	648.0	690.1	648.1	692.7	573.3	651.9	745.4	688.0	-7.7
Price* ($/gallon)	2.93	2.84	2.98	3.24	3.34	3.00	3.56	3.08	-13.5
Expenditures ($)	1,897	1,961	1,933	2,241	1,916	1,959	2,654	2,119	-20.1
Midwest									
Consumption (gallons)	774.6	795.0	779.6	791.8	644.3	766.4	868.6	780.4	-10.2
Price* ($/gallon)	2.25	2.11	1.99	2.11	2.23	1.74	2.61	1.93	-26.1
Expenditures ($)	1,744	1,678	1,548	1,674	1,437	1,333	2,267	1,506	-33.6
Number of households by primary space heating fuel (thousands)									
Northeast									
Natural gas	10,714	10,889	10,992	11,118	11,236	11,369	11,511	11,632	1.0
Heating oil	6,520	6,280	6,016	5,858	5,701	5,466	5,248	5,055	-3.7
Propane	704	713	733	744	761	816	836	827	-1.1
Electricity	2,550	2,563	2,645	2,776	2,894	3,012	3,070	3,134	2.1
Wood	414	474	501	512	548	579	605	646	6.9
Midwest									
Natural gas	18,366	18,288	18,050	17,977	18,019	18,047	17,960	17,891	-0.4
Heating oil	534	491	451	419	393	360	334	311	-6.8
Propane	2,181	2,131	2,098	2,073	2,037	2,065	2,062	2,003	-2.9
Electricity	4,469	4,570	4,715	4,922	5,119	5,316	5,489	5,626	2.5
Wood	528	584	616	618	631	635	655	696	6.2
South									
Natural gas	14,061	13,958	13,731	13,657	13,636	13,702	13,622	13,450	-1.3
Heating oil	1,051	956	906	853	790	741	693	648	-6.5
Propane	2,356	2,220	2,165	2,098	2,024	1,990	1,893	1,772	-6.4
Electricity	24,662	25,258	25,791	26,555	27,283	27,832	28,406	29,058	2.3
Wood	558	593	586	599	609	611	625	635	1.7
West									
Natural gas	15,084	15,027	14,939	15,020	15,021	14,998	15,018	15,084	0.4
Heating oil	316	294	289	279	261	246	237	229	-3.1
Propane	942	936	940	914	885	911	915	878	-4.1
Electricity	7,651	7,768	7,877	8,126	8,439	8,650	8,831	9,043	2.4
Wood	679	703	721	725	736	730	726	734	1.1
U.S. Totals									
Natural gas	58,226	58,162	57,713	57,771	57,912	58,115	58,111	58,057	-0.1
Heating oil	8,422	8,021	7,662	7,408	7,145	6,812	6,511	6,244	-4.1
Propane	6,184	5,999	5,936	5,829	5,707	5,782	5,707	5,479	-4.0
Electricity	39,332	40,159	41,029	42,380	43,734	44,810	45,795	46,861	2.3
Wood	2,179	2,353	2,424	2,454	2,524	2,554	2,610	2,711	3.9
Heating degree days									
Northeast	4,914	5,313	4,933	5,337	4,217	4,964	5,596	5,065	-9.5
Midwest	5,603	5,810	5,639	5,773	4,484	5,544	6,452	5,675	-12.0
South	2,279	2,493	2,870	2,632	2,023	2,431	2,790	2,614	-6.3
West	3,196	2,994	3,138	3,118	3,087	3,041	2,871	2,772	-3.5
U.S. Average	3,696	3,840	3,903	3,907	3,191	3,689	4,085	3,732	-8.6

Note: Winter covers the period October 1 through March 31. Fuel prices are nominal prices. 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 2005 and 2009 Residential Energy Consumption Surveys corrected for actual and projected heating degree days. Number of households using heating oil includes kerosene.

* Prices exclude taxes

** thousand cubic feet

*** kilowatthour

Table 1. U.S. Energy Markets Summary

U.S. Energy Information Administration | Short-Term Energy Outlook - December 2014

	2013				2014				2015				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2013	2014	2015
Energy Supply															
Crude Oil Production (a)															
(million barrels per day)	**7.11**	**7.29**	**7.56**	**7.79**	**8.06**	**8.54**	**8.74**	*9.04*	*9.27*	*9.37*	*9.26*	*9.36*	**7.44**	*8.60*	*9.32*
Dry Natural Gas Production															
(billion cubic feet per day)	**65.58**	**66.07**	**67.43**	**67.57**	**67.83**	**69.33**	**71.12**	*71.70*	*71.94*	*71.94*	*72.07*	*72.47*	**66.67**	*70.01*	*72.11*
Coal Production															
(million short tons)	**245**	**243**	**257**	**239**	**245**	**246**	**252**	*253*	*254*	*237*	*255*	*250*	**984**	*996*	*995*
Energy Consumption															
Liquid Fuels															
(million barrels per day)	**18.64**	**18.72**	**19.21**	**19.26**	**18.81**	**18.71**	**19.16**	*19.15*	*18.89*	*18.98*	*19.32*	*19.20*	**18.96**	*18.96*	*19.10*
Natural Gas															
(billion cubic feet per day)	**88.47**	**59.95**	**61.03**	**77.16**	**95.50**	**61.20**	**61.89**	*77.23*	*90.66*	*62.64*	*63.74*	*76.78*	**71.59**	*73.87*	*73.39*
Coal (b)															
(million short tons)	**229**	**216**	**253**	**226**	**249**	**213**	**247**	*226*	*239*	*210*	*255*	*226*	**925**	*934*	*931*
Electricity															
(billion kilowatt hours per day)	**10.39**	**10.03**	**11.55**	**10.00**	**10.91**	**10.03**	**11.45**	*10.09*	*10.80*	*10.10*	*11.74*	*10.14*	**10.50**	*10.62*	*10.70*
Renewables (c)															
(quadrillion Btu)	**2.28**	**2.50**	**2.26**	**2.31**	**2.36**	**2.57**	**2.28**	*2.31*	*2.42*	*2.62*	*2.39*	*2.42*	**9.35**	*9.52*	*9.84*
Total Energy Consumption (d)															
(quadrillion Btu)	**25.52**	**22.99**	**24.21**	**25.07**	**26.71**	**23.13**	**24.10**	*24.75*	*25.88*	*23.14*	*24.35*	*24.79*	**97.79**	*98.69*	*98.17*
Energy Prices															
Crude Oil (e)															
(dollars per barrel)	**101.14**	**99.45**	**105.24**	**95.97**	**97.56**	**101.02**	**96.33**	*74.30*	*59.33*	*57.34*	*63.97*	*66.33*	**100.46**	*92.30*	*61.78*
Natural Gas Henry Hub Spot															
(dollars per million Btu)	**3.49**	**4.01**	**3.55**	**3.85**	**5.21**	**4.61**	**3.96**	*4.00*	*3.95*	*3.63*	*3.77*	*3.97*	**3.73**	*4.44*	*3.83*
Coal															
(dollars per million Btu)	**2.35**	**2.37**	**2.33**	**2.34**	**2.33**	**2.39**	**2.37**	*2.35*	*2.36*	*2.36*	*2.35*	*2.36*	**2.35**	*2.36*	*2.36*
Macroeconomic															
Real Gross Domestic Product															
(billion chained 2009 dollars - SAAR)	**15,538**	**15,607**	**15,780**	**15,916**	**15,832**	**16,010**	**16,151**	*16,215*	*16,296*	*16,382*	*16,489*	*16,576*	**15,710**	*16,052*	*16,436*
Percent change from prior year	**1.7**	**1.8**	**2.3**	**3.1**	**1.9**	**2.6**	**2.3**	*1.9*	*2.9*	*2.3*	*2.1*	*2.2*	**2.2**	*2.2*	*2.4*
GDP Implicit Price Deflator															
(Index, 2009=100)	**106.2**	**106.5**	**106.9**	**107.3**	**107.7**	**108.3**	**108.6**	*109.2*	*109.8*	*110.2*	*110.6*	*111.3*	**106.7**	*108.4*	*110.5*
Percent change from prior year	**1.6**	**1.5**	**1.4**	**1.4**	**1.4**	**1.7**	**1.6**	*1.7*	*1.9*	*1.8*	*1.9*	*1.9*	**1.5**	*1.6*	*1.9*
Real Disposable Personal Income															
(billion chained 2009 dollars - SAAR)	**11,539**	**11,647**	**11,706**	**11,712**	**11,810**	**11,937**	**12,016**	*12,084*	*12,147*	*12,206*	*12,284*	*12,360*	**11,651**	*11,962*	*12,249*
Percent change from prior year	**-0.1**	**0.3**	**0.9**	**-1.9**	**2.4**	**2.5**	**2.6**	*3.2*	*2.9*	*2.3*	*2.2*	*2.3*	**-0.2**	*2.7*	*2.4*
Manufacturing Production Index															
(Index, 2007=100)	**97.1**	**97.5**	**97.9**	**99.0**	**99.4**	**101.1**	**102.1**	*102.8*	*102.9*	*103.4*	*104.2*	*105.1*	**97.9**	*101.4*	*103.9*
Percent change from prior year	**3.2**	**2.7**	**2.7**	**3.2**	**2.4**	**3.8**	**4.4**	*3.8*	*3.5*	*2.2*	*2.0*	*2.3*	**2.9**	*3.6*	*2.5*
Weather															
U.S. Heating Degree-Days	**2,200**	**509**	**76**	**1,646**	**2,439**	**479**	**80**	*1,600*	*2,132*	*475*	*76*	*1,540*	**4,431**	*4,598*	*4,223*
U.S. Cooling Degree-Days	**37**	**378**	**803**	**87**	**34**	**392**	**773**	*97*	*38*	*391*	*846*	*94*	**1,304**	*1,297*	*1,368*

- = 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

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: 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

U.S. Energy Information Administration | Short-Term Energy Outlook - December 2014

	2013				2014				2015				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2013	2014	2015
Crude Oil (dollars per barrel)															
West Texas Intermediate Spot Average	**94.34**	**94.10**	**105.84**	**97.34**	**98.75**	**103.35**	**97.78**	*75.40*	*60.33*	*58.33*	*65.00*	*67.33*	**97.91**	*93.82*	*62.75*
Brent Spot Average	**112.49**	**102.58**	**110.27**	**109.21**	**108.17**	**109.70**	**101.82**	*78.48*	*65.00*	*63.67*	*70.67*	*73.00*	**108.64**	*99.54*	*68.08*
Imported Average	**98.71**	**97.39**	**103.07**	**92.95**	**94.10**	**98.59**	**94.00**	*72.24*	*56.85*	*54.83*	*61.49*	*63.84*	**98.12**	*89.95*	*59.27*
Refiner Average Acquisition Cost	**101.14**	**99.45**	**105.24**	**95.97**	**97.56**	**101.02**	**96.33**	*74.30*	*59.33*	*57.34*	*63.97*	*66.33*	**100.46**	*92.30*	*61.78*
Liquid Fuels (cents per gallon)															
Refiner Prices for Resale															
Gasoline	**289**	**290**	**288**	**259**	**272**	**298**	**276**	*212*	*182*	*192*	*199*	*186*	**281**	*264*	*190*
Diesel Fuel	**312**	**295**	**306**	**299**	**303**	**300**	**288**	*240*	*208*	*204*	*219*	*224*	**303**	*283*	*214*
Heating Oil	**308**	**276**	**295**	**296**	**303**	**289**	**276**	*224*	*204*	*190*	*203*	*218*	**297**	*268*	*206*
Refiner Prices to End Users															
Jet Fuel	**316**	**287**	**298**	**294**	**297**	**295**	**289**	*237*	*204*	*199*	*211*	*218*	**298**	*279*	*208*
No. 6 Residual Fuel Oil (a)	**252**	**244**	**247**	**250**	**249**	**244**	**243**	*203*	*159*	*146*	*159*	*168*	**248**	*234*	*158*
Retail Prices Including Taxes															
Gasoline Regular Grade (b)	**357**	**360**	**357**	**329**	**340**	**368**	**350**	*290*	*253*	*261*	*267*	*257*	**351**	*337*	*260*
Gasoline All Grades (b)	**363**	**367**	**364**	**337**	**348**	**375**	**358**	*298*	*261*	*269*	*275*	*265*	**358**	*345*	*268*
On-highway Diesel Fuel	**403**	**388**	**391**	**387**	**396**	**394**	**384**	*355*	*305*	*298*	*309*	*317*	**392**	*382*	*307*
Heating Oil	**389**	**365**	**366**	**373**	**397**	**382**	**369**	*325*	*299*	*282*	*286*	*299*	**378**	*370*	*296*
Natural Gas															
Henry Hub Spot (dollars per thousand cubic feet)	**3.59**	**4.13**	**3.66**	**3.97**	**5.36**	**4.75**	**4.08**	*4.12*	*4.07*	*3.74*	*3.88*	*4.09*	**3.84**	*4.58*	*3.94*
Henry Hub Spot (dollars per Million Btu)	**3.49**	**4.01**	**3.55**	**3.85**	**5.21**	**4.61**	**3.96**	*4.00*	*3.95*	*3.63*	*3.77*	*3.97*	**3.73**	*4.44*	*3.83*
End-Use Prices (dollars per thousand cubic feet)															
Industrial Sector	**4.57**	**4.95**	**4.38**	**4.68**	**6.17**	**5.60**	**5.06**	*5.11*	*5.22*	*4.55*	*4.66*	*5.06*	**4.64**	*5.50*	*4.89*
Commercial Sector	**7.77**	**8.53**	**8.96**	**7.96**	**8.66**	**9.61**	**9.67**	*8.82*	*8.92*	*8.97*	*9.46*	*8.96*	**8.08**	*8.95*	*9.00*
Residential Sector	**9.24**	**11.90**	**16.13**	**9.90**	**9.83**	**13.18**	**16.93**	*10.62*	*9.78*	*12.44*	*16.37*	*10.90*	**10.30**	*10.97*	*10.96*
Electricity															
Power Generation Fuel Costs (dollars per million Btu)															
Coal	**2.35**	**2.37**	**2.33**	**2.34**	**2.33**	**2.39**	**2.37**	*2.35*	*2.36*	*2.36*	*2.35*	*2.36*	**2.35**	*2.36*	*2.36*
Natural Gas	**4.35**	**4.56**	**4.06**	**4.41**	**6.82**	**4.93**	**4.25**	*4.89*	*4.83*	*4.29*	*4.43*	*4.86*	**4.32**	*5.12*	*4.58*
Residual Fuel Oil (c)	**19.37**	**19.83**	**18.76**	**19.47**	**19.95**	**20.44**	**19.98**	*17.15*	*14.12*	*12.67*	*12.49*	*12.70*	**19.33**	*19.49*	*12.98*
Distillate Fuel Oil	**23.44**	**22.62**	**23.23**	**22.97**	**23.39**	**22.74**	**21.93**	*18.84*	*17.47*	*16.78*	*17.62*	*18.79*	**23.08**	*22.21*	*17.67*
End-Use Prices (cents per kilowatthour)															
Industrial Sector	**6.55**	**6.79**	**7.24**	**6.67**	**7.02**	**6.94**	**7.36**	*6.84*	*6.75*	*6.98*	*7.42*	*6.85*	**6.82**	*7.05*	*7.01*
Commercial Sector	**9.96**	**10.33**	**10.68**	**10.14**	**10.57**	**10.63**	**11.11**	*10.47*	*10.55*	*10.88*	*11.33*	*10.69*	**10.29**	*10.71*	*10.88*
Residential Sector	**11.56**	**12.31**	**12.54**	**12.01**	**11.90**	**12.73**	**13.00**	*12.28*	*12.28*	*12.92*	*13.12*	*12.41*	**12.12**	*12.47*	*12.69*

- = 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.

WTI and Brent crude oils, and Henry Hub natural gas spot prices from Reuter's News Service (http://www.reuters.com).

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

Projections: EIA Regional Short-Term Energy Model.

Table 3a. International Petroleum and Other Liquids Production, Consumption, and Inventories

U.S. Energy Information Administration | Short-Term Energy Outlook - December 2014

	2013				2014				2015				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2013	2014	2015
Supply (million barrels per day) (a)															
OECD	**23.09**	**23.27**	**23.89**	**24.51**	**24.93**	**25.40**	**25.67**	*25.93*	*26.17*	*26.19*	*26.29*	*26.68*	**23.70**	*25.49*	*26.33*
U.S. (50 States)	**11.68**	**12.11**	**12.63**	**12.94**	**13.05**	**13.85**	**14.20**	*14.47*	*14.65*	*14.92*	*14.94*	*15.05*	**12.34**	*13.90*	*14.89*
Canada	**4.12**	**3.86**	**4.11**	**4.31**	**4.37**	**4.32**	**4.36**	*4.39*	*4.42*	*4.30*	*4.45*	*4.69*	**4.10**	*4.36*	*4.47*
Mexico	**2.93**	**2.89**	**2.88**	**2.90**	**2.91**	**2.89**	**2.86**	*2.83*	*2.86*	*2.84*	*2.81*	*2.78*	**2.90**	*2.87*	*2.82*
North Sea (b)	**2.88**	**2.87**	**2.72**	**2.85**	**3.05**	**2.80**	**2.69**	*2.69*	*2.70*	*2.59*	*2.52*	*2.61*	**2.83**	*2.80*	*2.60*
Other OECD	**1.49**	**1.54**	**1.56**	**1.50**	**1.54**	**1.55**	**1.57**	*1.56*	*1.55*	*1.55*	*1.57*	*1.55*	**1.52**	*1.56*	*1.55*
Non-OECD	**65.90**	**66.87**	**66.80**	**66.27**	**66.02**	**66.32**	**66.89**	*66.65*	*65.92*	*66.50*	*67.05*	*66.19*	**66.46**	*66.47*	*66.42*
OPEC	**35.97**	**36.47**	**36.21**	**35.46**	**35.94**	**35.70**	**36.15**	*36.05*	*35.90*	*35.90*	*36.19*	*35.68*	**36.03**	*35.96*	*35.92*
Crude Oil Portion	**29.85**	**30.38**	**30.12**	**29.34**	**29.79**	**29.54**	**30.04**	*29.98*	*29.72*	*29.67*	*29.93*	*29.38*	**29.92**	*29.84*	*29.67*
Other Liquids	**6.12**	**6.09**	**6.09**	**6.12**	**6.15**	**6.16**	**6.12**	*6.08*	*6.19*	*6.22*	*6.26*	*6.29*	**6.11**	*6.13*	*6.24*
Eurasia	**13.52**	**13.45**	**13.50**	**13.73**	**13.64**	**13.57**	**13.59**	*13.62*	*13.54*	*13.51*	*13.53*	*13.49*	**13.55**	*13.61*	*13.52*
China	**4.45**	**4.49**	**4.38**	**4.52**	**4.46**	**4.49**	**4.42**	*4.49*	*4.48*	*4.51*	*4.51*	*4.52*	**4.46**	*4.46*	*4.50*
Other Non-OECD	**11.96**	**12.45**	**12.72**	**12.57**	**11.98**	**12.56**	**12.73**	*12.48*	*12.00*	*12.59*	*12.82*	*12.51*	**12.43**	*12.44*	*12.48*
Total World Supply	**88.99**	**90.14**	**90.70**	**90.78**	**90.95**	**91.72**	**92.57**	*92.58*	*92.09*	*92.69*	*93.34*	*92.87*	**90.16**	*91.96*	*92.75*
Non-OPEC Supply	**53.02**	**53.66**	**54.49**	**55.32**	**55.00**	**56.02**	**56.41**	*56.53*	*56.19*	*56.79*	*57.15*	*57.19*	**54.13**	*56.00*	*56.84*
Consumption (million barrels per day) (c)															
OECD	**45.87**	**45.55**	**46.35**	**46.50**	**45.72**	**44.77**	**46.15**	*46.68*	*46.14*	*44.96*	*45.83*	*46.27*	**46.07**	*45.83*	*45.80*
U.S. (50 States)	**18.64**	**18.72**	**19.21**	**19.26**	**18.81**	**18.71**	**19.16**	*19.15*	*18.89*	*18.98*	*19.32*	*19.20*	**18.96**	*18.96*	*19.10*
U.S. Territories	**0.32**	**0.32**	**0.32**	**0.32**	**0.34**	**0.34**	**0.34**	*0.34*	*0.36*	*0.36*	*0.36*	*0.36*	**0.32**	*0.34*	*0.36*
Canada	**2.45**	**2.40**	**2.43**	**2.42**	**2.42**	**2.35**	**2.41**	*2.35*	*2.34*	*2.28*	*2.39*	*2.37*	**2.42**	*2.38*	*2.34*
Europe	**13.18**	**13.80**	**13.96**	**13.52**	**12.99**	**13.38**	**13.88**	*13.74*	*13.35*	*13.08*	*13.52*	*13.48*	**13.62**	*13.50*	*13.36*
Japan	**5.05**	**4.08**	**4.28**	**4.72**	**5.02**	**3.87**	**4.08**	*4.54*	*4.69*	*3.95*	*3.98*	*4.35*	**4.53**	*4.37*	*4.24*
Other OECD	**6.22**	**6.23**	**6.14**	**6.26**	**6.14**	**6.11**	**6.29**	*6.56*	*6.50*	*6.32*	*6.26*	*6.50*	**6.21**	*6.28*	*6.39*
Non-OECD	**43.52**	**44.45**	**44.87**	**44.80**	**44.54**	**45.88**	**46.26**	*45.71*	*45.29*	*46.89*	*47.22*	*46.65*	**44.41**	*45.60*	*46.52*
Eurasia	**4.56**	**4.49**	**4.76**	**4.74**	**4.63**	**4.56**	**4.77**	*4.75*	*4.48*	*4.41*	*4.67*	*4.66*	**4.64**	*4.68*	*4.56*
Europe	**0.70**	**0.71**	**0.73**	**0.72**	**0.71**	**0.71**	**0.73**	*0.73*	*0.71*	*0.72*	*0.74*	*0.74*	**0.71**	*0.72*	*0.73*
China	**10.50**	**10.56**	**10.51**	**10.87**	**10.58**	**11.16**	**11.11**	*11.07*	*10.92*	*11.52*	*11.47*	*11.43*	**10.61**	*10.98*	*11.34*
Other Asia	**11.14**	**11.36**	**10.94**	**11.23**	**11.39**	**11.62**	**11.18**	*11.48*	*11.64*	*11.87*	*11.42*	*11.72*	**11.17**	*11.42*	*11.66*
Other Non-OECD	**16.63**	**17.33**	**17.93**	**17.24**	**17.24**	**17.83**	**18.46**	*17.68*	*17.54*	*18.36*	*18.91*	*18.11*	**17.29**	*17.80*	*18.23*
Total World Consumption	**89.39**	**90.00**	**91.21**	**91.30**	**90.26**	**90.66**	**92.41**	*92.40*	*91.42*	*91.85*	*93.05*	*92.92*	**90.48**	*91.44*	*92.32*
Inventory Net Withdrawals (million barrels per day)															
U.S. (50 States)	**0.16**	**-0.28**	**-0.16**	**0.78**	**0.09**	**-0.67**	**-0.17**	*0.41*	*-0.05*	*-0.40*	*-0.14*	*0.48*	**0.13**	*-0.08*	*-0.02*
Other OECD	**-0.23**	**0.35**	**-0.27**	**0.67**	**-0.26**	**-0.03**	**-0.09**	*-0.22*	*-0.23*	*-0.16*	*-0.05*	*-0.16*	**0.13**	*-0.15*	*-0.15*
Other Stock Draws and Balance	**0.46**	**-0.20**	**0.94**	**-0.93**	**-0.52**	**-0.37**	**0.10**	*-0.37*	*-0.38*	*-0.29*	*-0.10*	*-0.27*	**0.07**	*-0.29*	*-0.26*
Total Stock Draw	**0.40**	**-0.13**	**0.52**	**0.52**	**-0.68**	**-1.06**	**-0.16**	*-0.19*	*-0.67*	*-0.84*	*-0.29*	*0.05*	**0.33**	*-0.52*	*-0.43*
End-of-period Inventories (million barrels)															
U.S. Commercial Inventory	**1,097**	**1,123**	**1,137**	**1,065**	**1,057**	**1,123**	**1,139**	*1,101*	*1,106*	*1,142*	*1,155*	*1,110*	**1,065**	*1,101*	*1,110*
OECD Commercial Inventory	**2,651**	**2,646**	**2,685**	**2,551**	**2,567**	**2,635**	**2,658**	*2,642*	*2,667*	*2,718*	*2,735*	*2,705*	**2,551**	*2,642*	*2,705*

- = no data available

OECD = Organization for Economic Cooperation and Development: Australia, Austria, Belgium, Canada, Chile, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Israel, Italy, Japan, Luxembourg, Mexico, the Netherlands, New Zealand, Norway, Poland, Portugal, Slovakia, Slovenia, 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.

(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 international energy statistics.

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

Projections: EIA Regional Short-Term Energy Model.

Table 3b. Non-OPEC Petroleum and Other Liquids Supply (million barrels per day)

U.S. Energy Information Administration | Short-Term Energy Outlook - December 2014

	2013				2014				2015				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2013	2014	2015
North America	**18.73**	**18.87**	**19.62**	**20.15**	**20.34**	**21.05**	**21.41**	*21.69*	*21.93*	*22.05*	*22.20*	*22.52*	**19.35**	*21.13*	*22.18*
Canada	**4.12**	**3.86**	**4.11**	**4.31**	**4.37**	**4.32**	**4.36**	*4.39*	*4.42*	*4.30*	*4.45*	*4.69*	**4.10**	*4.36*	*4.47*
Mexico	**2.93**	**2.89**	**2.88**	**2.90**	**2.91**	**2.89**	**2.86**	*2.83*	*2.86*	*2.84*	*2.81*	*2.78*	**2.90**	*2.87*	*2.82*
United States	**11.68**	**12.11**	**12.63**	**12.94**	**13.05**	**13.85**	**14.20**	*14.47*	*14.65*	*14.92*	*14.94*	*15.05*	**12.34**	*13.90*	*14.89*
Central and South America	**4.42**	**4.94**	**5.25**	**5.03**	**4.54**	**5.15**	**5.39**	*5.06*	*4.59*	*5.20*	*5.43*	*5.10*	**4.91**	*5.04*	*5.08*
Argentina	**0.69**	**0.70**	**0.72**	**0.72**	**0.70**	**0.71**	**0.71**	*0.73*	*0.71*	*0.72*	*0.73*	*0.74*	**0.71**	*0.71*	*0.72*
Brazil	**2.21**	**2.74**	**3.01**	**2.81**	**2.34**	**2.97**	**3.17**	*2.83*	*2.36*	*3.00*	*3.19*	*2.85*	**2.69**	*2.83*	*2.85*
Colombia	**1.03**	**1.02**	**1.04**	**1.03**	**1.02**	**0.99**	**1.02**	*1.03*	*1.02*	*0.99*	*1.02*	*1.02*	**1.03**	*1.02*	*1.01*
Other Central and S. America	**0.49**	**0.48**	**0.48**	**0.47**	**0.49**	**0.49**	**0.48**	*0.48*	*0.50*	*0.50*	*0.49*	*0.49*	**0.48**	*0.48*	*0.49*
Europe	**3.84**	**3.83**	**3.70**	**3.83**	**4.03**	**3.79**	**3.67**	*3.66*	*3.66*	*3.54*	*3.47*	*3.56*	**3.80**	*3.79*	*3.56*
Norway	**1.82**	**1.82**	**1.80**	**1.82**	**1.94**	**1.78**	**1.86**	*1.77*	*1.82*	*1.79*	*1.77*	*1.85*	**1.81**	*1.84*	*1.81*
United Kingdom (offshore)	**0.85**	**0.86**	**0.74**	**0.86**	**0.93**	**0.85**	**0.64**	*0.71*	*0.68*	*0.63*	*0.58*	*0.59*	**0.83**	*0.78*	*0.62*
Other North Sea	**0.21**	**0.19**	**0.18**	**0.18**	**0.18**	**0.17**	**0.19**	*0.21*	*0.20*	*0.18*	*0.17*	*0.17*	**0.19**	*0.19*	*0.18*
Eurasia	**13.54**	**13.47**	**13.51**	**13.74**	**13.65**	**13.59**	**13.60**	*13.64*	*13.55*	*13.52*	*13.54*	*13.51*	**13.56**	*13.62*	*13.53*
Azerbaijan	**0.90**	**0.89**	**0.86**	**0.87**	**0.85**	**0.86**	**0.85**	*0.83*	*0.82*	*0.80*	*0.78*	*0.77*	**0.88**	*0.85*	*0.79*
Kazakhstan	**1.67**	**1.61**	**1.61**	**1.74**	**1.73**	**1.66**	**1.71**	*1.71*	*1.72*	*1.71*	*1.71*	*1.71*	**1.66**	*1.70*	*1.71*
Russia	**10.47**	**10.47**	**10.55**	**10.64**	**10.60**	**10.57**	**10.53**	*10.55*	*10.50*	*10.49*	*10.53*	*10.51*	**10.53**	*10.56*	*10.51*
Turkmenistan	**0.26**	**0.26**	**0.26**	**0.26**	**0.27**	**0.28**	**0.29**	*0.29*	*0.29*	*0.29*	*0.29*	*0.29*	**0.26**	*0.28*	*0.29*
Other Eurasia	**0.23**	**0.23**	**0.23**	**0.23**	**0.20**	**0.21**	**0.23**	*0.25*	*0.23*	*0.23*	*0.23*	*0.23*	**0.23**	*0.22*	*0.23*
Middle East	**1.26**	**1.19**	**1.21**	**1.18**	**1.19**	**1.19**	**1.19**	*1.18*	*1.20*	*1.19*	*1.20*	*1.19*	**1.21**	*1.19*	*1.19*
Oman	**0.93**	**0.93**	**0.95**	**0.94**	**0.96**	**0.96**	**0.96**	*0.95*	*0.96*	*0.96*	*0.96*	*0.97*	**0.94**	*0.96*	*0.96*
Syria	**0.10**	**0.08**	**0.07**	**0.05**	**0.03**	**0.03**	**0.03**	*0.03*	*0.03*	*0.03*	*0.03*	*0.03*	**0.07**	*0.03*	*0.03*
Yemen	**0.17**	**0.11**	**0.13**	**0.13**	**0.13**	**0.13**	**0.13**	*0.13*	*0.13*	*0.13*	*0.13*	*0.13*	**0.13**	*0.13*	*0.13*
Asia and Oceania	**9.02**	**9.05**	**8.82**	**8.94**	**8.94**	**8.96**	**8.86**	*9.01*	*9.05*	*9.09*	*9.12*	*9.10*	**8.95**	*8.94*	*9.09*
Australia	**0.41**	**0.46**	**0.48**	**0.43**	**0.45**	**0.46**	**0.48**	*0.46*	*0.47*	*0.48*	*0.50*	*0.47*	**0.45**	*0.46*	*0.48*
China	**4.45**	**4.49**	**4.38**	**4.52**	**4.46**	**4.49**	**4.42**	*4.49*	*4.48*	*4.51*	*4.51*	*4.52*	**4.46**	*4.46*	*4.50*
India	**0.98**	**0.98**	**0.97**	**0.98**	**0.98**	**0.98**	**0.96**	*0.98*	*0.99*	*0.99*	*0.99*	*0.99*	**0.98**	*0.97*	*0.99*
Indonesia	**0.97**	**0.97**	**0.92**	**0.91**	**0.92**	**0.91**	**0.92**	*0.92*	*0.94*	*0.94*	*0.94*	*0.94*	**0.94**	*0.92*	*0.94*
Malaysia	**0.70**	**0.66**	**0.65**	**0.66**	**0.69**	**0.69**	**0.66**	*0.70*	*0.71*	*0.70*	*0.70*	*0.70*	**0.67**	*0.68*	*0.70*
Vietnam	**0.36**	**0.36**	**0.34**	**0.35**	**0.33**	**0.32**	**0.31**	*0.33*	*0.34*	*0.34*	*0.34*	*0.34*	**0.35**	*0.32*	*0.34*
Africa	**2.21**	**2.32**	**2.39**	**2.45**	**2.31**	**2.30**	**2.29**	*2.29*	*2.21*	*2.20*	*2.19*	*2.21*	**2.34**	*2.29*	*2.20*
Egypt	**0.71**	**0.70**	**0.69**	**0.68**	**0.67**	**0.67**	**0.66**	*0.65*	*0.64*	*0.63*	*0.62*	*0.61*	**0.69**	*0.66*	*0.63*
Equatorial Guinea	**0.28**	**0.28**	**0.30**	**0.31**	**0.27**	**0.27**	**0.27**	*0.27*	*0.24*	*0.24*	*0.24*	*0.24*	**0.29**	*0.27*	*0.24*
Gabon	**0.24**	**0.24**	**0.24**	**0.24**	**0.24**	**0.24**	**0.24**	*0.24*	*0.24*	*0.24*	*0.23*	*0.23*	**0.24**	*0.24*	*0.24*
Sudan	**0.11**	**0.24**	**0.30**	**0.35**	**0.26**	**0.26**	**0.26**	*0.26*	*0.25*	*0.25*	*0.25*	*0.25*	**0.25**	*0.26*	*0.25*
Total non-OPEC liquids	**53.02**	**53.66**	**54.49**	**55.32**	**55.00**	**56.02**	**56.41**	*56.53*	*56.19*	*56.79*	*57.15*	*57.19*	**54.13**	*56.00*	*56.84*
OPEC non-crude liquids	**6.12**	**6.09**	**6.09**	**6.12**	**6.15**	**6.16**	**6.12**	*6.08*	*6.19*	*6.22*	*6.26*	*6.29*	**6.11**	*6.13*	*6.24*
Non-OPEC + OPEC non-crude	**59.14**	**59.75**	**60.58**	**61.44**	**61.16**	**62.18**	**62.53**	*62.61*	*62.38*	*63.02*	*63.41*	*63.49*	**60.24**	*62.12*	*63.08*
Unplanned non-OPEC Production Outages	**0.91**	**0.90**	**0.88**	**0.64**	**0.66**	**0.67**	**0.60**	*n/a*	*n/a*	*n/a*	*n/a*	*n/a*	**0.83**	*n/a*	*n/a*

- = no data available

Sudan production represents total production from both north and south.

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 international energy statistics.

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

Projections: EIA Regional Short-Term Energy Model.

Table 3c. OPEC Crude Oil (excluding condensates) Supply (million barrels per day)

U.S. Energy Information Administration | Short-Term Energy Outlook - December 2014

	2013				2014				2015				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2013	2014	2015
Crude Oil															
Algeria	**1.20**	**1.20**	**1.20**	**1.17**	**1.15**	**1.15**	**n/a**	*n/a*	*n/a*	*n/a*	*n/a*	*n/a*	**1.19**	*n/a*	*n/a*
Angola	**1.75**	**1.78**	**1.70**	**1.73**	**1.63**	**1.63**	**n/a**	*n/a*	*n/a*	*n/a*	*n/a*	*n/a*	**1.74**	*n/a*	*n/a*
Ecudaor	**0.51**	**0.52**	**0.53**	**0.54**	**0.55**	**0.56**	**n/a**	*n/a*	*n/a*	*n/a*	*n/a*	*n/a*	**0.53**	*n/a*	*n/a*
Iran	**2.68**	**2.68**	**2.68**	**2.69**	**2.80**	**2.80**	**n/a**	*n/a*	*n/a*	*n/a*	*n/a*	*n/a*	**2.68**	*n/a*	*n/a*
Iraq	**3.05**	**3.09**	**3.04**	**2.93**	**3.26**	**3.29**	**n/a**	*n/a*	*n/a*	*n/a*	*n/a*	*n/a*	**3.03**	*n/a*	*n/a*
Kuwait	**2.60**	**2.60**	**2.60**	**2.60**	**2.60**	**2.60**	**n/a**	*n/a*	*n/a*	*n/a*	*n/a*	*n/a*	**2.60**	*n/a*	*n/a*
Libya	**1.37**	**1.33**	**0.65**	**0.33**	**0.38**	**0.23**	**n/a**	*n/a*	*n/a*	*n/a*	*n/a*	*n/a*	**0.92**	*n/a*	*n/a*
Nigeria	**1.97**	**1.94**	**1.98**	**1.91**	**1.98**	**1.98**	**n/a**	*n/a*	*n/a*	*n/a*	*n/a*	*n/a*	**1.95**	*n/a*	*n/a*
Qatar	**0.73**	**0.73**	**0.73**	**0.73**	**0.74**	**0.75**	**n/a**	*n/a*	*n/a*	*n/a*	*n/a*	*n/a*	**0.73**	*n/a*	*n/a*
Saudi Arabia	**9.10**	**9.60**	**10.10**	**9.80**	**9.80**	**9.65**	**n/a**	*n/a*	*n/a*	*n/a*	*n/a*	*n/a*	**9.65**	*n/a*	*n/a*
United Arab Emirates	**2.70**	**2.70**	**2.70**	**2.70**	**2.70**	**2.70**	**n/a**	*n/a*	*n/a*	*n/a*	*n/a*	*n/a*	**2.70**	*n/a*	*n/a*
Venezuela	**2.20**	**2.20**	**2.20**	**2.20**	**2.20**	**2.20**	**n/a**	*n/a*	*n/a*	*n/a*	*n/a*	*n/a*	**2.20**	*n/a*	*n/a*
OPEC Total	**29.85**	**30.38**	**30.12**	**29.34**	**29.79**	**29.54**	**30.04**	*29.98*	*29.72*	*29.67*	*29.93*	*29.38*	**29.92**	*29.84*	*29.67*
Other Liquids	**6.12**	**6.09**	**6.09**	**6.12**	**6.15**	**6.16**	**6.12**	*6.08*	*6.19*	*6.22*	*6.26*	*6.29*	**6.11**	*6.13*	*6.24*
Total OPEC Supply	**35.97**	**36.47**	**36.21**	**35.46**	**35.94**	**35.70**	**36.15**	*36.05*	*35.90*	*35.90*	*36.19*	*35.68*	**36.03**	*35.96*	*35.92*
Crude Oil Production Capacity															
Africa	**6.28**	**6.26**	**5.52**	**5.14**	**5.13**	**4.98**	**5.43**	*5.49*	*5.33*	*5.33*	*5.34*	*5.35*	**5.80**	*5.26*	*5.34*
South America	**2.71**	**2.72**	**2.73**	**2.74**	**2.75**	**2.75**	**2.75**	*2.75*	*2.76*	*2.76*	*2.76*	*2.76*	**2.72**	*2.75*	*2.76*
Middle East	**23.56**	**23.62**	**23.53**	**23.42**	**23.86**	**23.90**	**23.89**	*23.94*	*24.07*	*24.11*	*24.15*	*24.05*	**23.53**	*23.90*	*24.09*
OPEC Total	**32.55**	**32.60**	**31.78**	**31.29**	**31.74**	**31.63**	**32.08**	*32.18*	*32.15*	*32.21*	*32.26*	*32.16*	**32.05**	*31.91*	*32.20*
Surplus Crude Oil Production Capacity															
Africa	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*	**0.00**	*0.00*	*0.00*
South America	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*	**0.00**	*0.00*	*0.00*
Middle East	**2.69**	**2.21**	**1.67**	**1.96**	**1.95**	**2.09**	**2.04**	*2.20*	*2.44*	*2.53*	*2.33*	*2.78*	**2.13**	*2.07*	*2.52*
OPEC Total	**2.69**	**2.21**	**1.67**	**1.96**	**1.95**	**2.09**	**2.04**	*2.20*	*2.44*	*2.53*	*2.33*	*2.78*	**2.13**	*2.07*	*2.52*
Unplanned OPEC Production Outages	**1.34**	**1.43**	**2.16**	**2.52**	**2.34**	**2.66**	**2.32**	*n/a*	*n/a*	*n/a*	*n/a*	*n/a*	**1.87**	*n/a*	*n/a*

- = no data available

OPEC = Organization of Petroleum Exporting Countries: Algeria, Angola, Libya, and Nigeria (Africa); Ecuador and Venezuela (South America); Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and the United Arab Emirates (Middle East).

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 international energy statistics.

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

Projections: EIA Regional Short-Term Energy Model.

Table 3d. World Petroleum and Other Liquids Consumption (million barrels per day)

U.S. Energy Information Administration | Short-Term Energy Outlook - December 2014

	2013				2014				2015						
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2013	2014	2015
North America	**23.15**	**23.22**	**23.68**	**23.70**	**23.19**	**23.05**	**23.66**	*23.64*	*23.29*	*23.34*	*23.76*	*23.63*	**23.44**	*23.39*	*23.51*
Canada	**2.45**	**2.40**	**2.43**	**2.42**	**2.42**	**2.35**	**2.41**	*2.35*	*2.34*	*2.28*	*2.39*	*2.37*	**2.42**	*2.38*	*2.34*
Mexico	**2.05**	**2.08**	**2.03**	**2.02**	**1.95**	**1.97**	**2.08**	*2.13*	*2.05*	*2.07*	*2.04*	*2.05*	**2.04**	*2.04*	*2.05*
United States	**18.64**	**18.72**	**19.21**	**19.26**	**18.81**	**18.71**	**19.16**	*19.15*	*18.89*	*18.98*	*19.32*	*19.20*	**18.96**	*18.96*	*19.10*
Central and South America	**6.71**	**6.97**	**6.99**	**6.97**	**6.89**	**7.13**	**7.20**	*7.18*	*7.00*	*7.26*	*7.30*	*7.27*	**6.91**	*7.10*	*7.21*
Brazil	**2.83**	**2.94**	**3.00**	**2.99**	**2.97**	**3.08**	**3.15**	*3.14*	*3.03*	*3.15*	*3.21*	*3.20*	**2.94**	*3.09*	*3.15*
Europe	**13.88**	**14.51**	**14.69**	**14.25**	**13.70**	**14.10**	**14.61**	*14.47*	*14.07*	*13.80*	*14.26*	*14.22*	**14.33**	*14.22*	*14.09*
Eurasia	**4.58**	**4.52**	**4.79**	**4.77**	**4.66**	**4.59**	**4.80**	*4.78*	*4.51*	*4.44*	*4.70*	*4.69*	**4.67**	*4.71*	*4.59*
Russia	**3.24**	**3.19**	**3.38**	**3.37**	**3.30**	**3.25**	**3.44**	*3.43*	*3.19*	*3.15*	*3.34*	*3.32*	**3.30**	*3.36*	*3.25*
Middle East	**7.38**	**7.83**	**8.44**	**7.73**	**7.70**	**8.04**	**8.73**	*7.95*	*7.88*	*8.46*	*9.03*	*8.19*	**7.85**	*8.11*	*8.39*
Asia and Oceania	**30.24**	**29.52**	**29.24**	**30.47**	**30.58**	**30.20**	**29.91**	*30.84*	*31.01*	*30.89*	*30.38*	*31.27*	**29.87**	*30.38*	*30.89*
China	**10.50**	**10.56**	**10.51**	**10.87**	**10.58**	**11.16**	**11.11**	*11.07*	*10.92*	*11.52*	*11.47*	*11.43*	**10.61**	*10.98*	*11.34*
Japan	**5.05**	**4.08**	**4.28**	**4.72**	**5.02**	**3.87**	**4.08**	*4.54*	*4.69*	*3.95*	*3.98*	*4.35*	**4.53**	*4.37*	*4.24*
India	**3.78**	**3.77**	**3.45**	**3.73**	**3.89**	**3.87**	**3.55**	*3.84*	*3.99*	*3.97*	*3.64*	*3.94*	**3.68**	*3.78*	*3.88*
Africa	**3.44**	**3.44**	**3.39**	**3.41**	**3.55**	**3.55**	**3.50**	*3.52*	*3.67*	*3.67*	*3.62*	*3.64*	**3.42**	*3.53*	*3.65*
Total OECD Liquid Fuels Consumption	**45.87**	**45.55**	**46.35**	**46.50**	**45.72**	**44.77**	**46.15**	*46.68*	*46.14*	*44.96*	*45.83*	*46.27*	**46.07**	*45.83*	*45.80*
Total non-OECD Liquid Fuels Consumption	**43.52**	**44.45**	**44.87**	**44.80**	**44.54**	**45.88**	**46.26**	*45.71*	*45.29*	*46.89*	*47.22*	*46.65*	**44.41**	*45.60*	*46.52*
Total World Liquid Fuels Consumption	**89.39**	**90.00**	**91.21**	**91.30**	**90.26**	**90.66**	**92.41**	*92.40*	*91.42*	*91.85*	*93.05*	*92.92*	**90.48**	*91.44*	*92.32*
Oil-weighted Real Gross Domestic Product (a)															
World Index, 2010 Q1 = 100	**109.9**	**110.8**	**111.8**	**112.8**	**113.1**	**113.9**	**114.8**	*115.5*	*116.2*	*117.1*	*118.2*	*119.1*	**111.3**	*114.3*	*117.7*
Percent change from prior year	**2.2**	**2.5**	**2.8**	**3.2**	**2.9**	**2.7**	**2.7**	*2.5*	*2.8*	*2.9*	*2.9*	*3.1*	**2.7**	*2.7*	*2.9*
OECD Index, 2010 Q1 = 100	**105.3**	**105.8**	**106.5**	**107.2**	**107.4**	**107.8**	**108.5**	*109.0*	*109.6*	*110.2*	*110.9*	*111.4*	**106.2**	*108.2*	*110.5*
Percent change from prior year	**0.9**	**1.1**	**1.7**	**2.3**	**2.0**	**2.0**	**1.8**	*1.7*	*2.1*	*2.2*	*2.2*	*2.2*	**1.5**	*1.9*	*2.2*
Non-OECD Index, 2010 Q1 = 100	**115.9**	**117.3**	**118.5**	**119.9**	**120.5**	**121.6**	**122.9**	*124.0*	*124.8*	*126.2*	*127.7*	*129.2*	**117.9**	*122.3*	*127.0*
Percent change from prior year	**3.9**	**4.2**	**4.2**	**4.4**	**4.0**	**3.7**	**3.8**	*3.4*	*3.6*	*3.7*	*3.9*	*4.2*	**4.2**	*3.7*	*3.8*
Real U.S. Dollar Exchange Rate (a)															
Index, January 2010 = 100	**104.08**	**105.59**	**106.88**	**106.37**	**107.93**	**107.71**	**108.82**	*112.53*	*113.65*	*114.28*	*114.86*	*115.23*	**105.73**	*109.25*	*114.50*
Percent change from prior year	**3.8**	**3.6**	**4.1**	**3.0**	**3.7**	**2.0**	**1.8**	*5.8*	*5.3*	*6.1*	*5.5*	*2.4*	**3.6**	*3.3*	*4.8*

- = no data available

OECD = Organisation for Economic Co-operation and Development: Australia, Austria, Belgium, Canada, Chile, the Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Israel, Italy, Japan, Luxembourg, Mexico, the Netherlands, New Zealand, Norway, Poland, Portugal, Slovakia, Slovenia, 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 international energy statistics.

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

Projections: EIA Regional Short-Term Energy Model.

Table 4a. U.S. Petroleum and Other Liquids Supply, Consumption, and Inventories

U.S. Energy Information Administration | Short-Term Energy Outlook - December 2014

	2013				2014				2015				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2013	2014	2015
Supply (million barrels per day)															
Crude Oil Supply															
Domestic Production (a)	**7.11**	**7.29**	**7.56**	**7.79**	**8.06**	**8.54**	**8.74**	*9.04*	*9.27*	*9.37*	*9.26*	*9.36*	**7.44**	*8.60*	*9.32*
Alaska	**0.54**	**0.51**	**0.48**	**0.53**	**0.53**	**0.52**	**0.43**	*0.49*	*0.48*	*0.45*	*0.40*	*0.47*	**0.51**	*0.49*	*0.45*
Federal Gulf of Mexico (b)	**1.30**	**1.22**	**1.25**	**1.25**	**1.32**	**1.42**	**1.42**	*1.45*	*1.54*	*1.58*	*1.49*	*1.57*	**1.25**	*1.40*	*1.55*
Lower 48 States (excl GOM)	**5.27**	**5.56**	**5.84**	**6.01**	**6.21**	**6.61**	**6.88**	*7.10*	*7.25*	*7.35*	*7.37*	*7.33*	**5.67**	*6.70*	*7.32*
Crude Oil Net Imports (c)	**7.48**	**7.61**	**7.93**	**7.36**	**7.11**	**6.94**	**7.15**	*6.62*	*5.99*	*6.21*	*6.47*	*5.94*	**7.60**	*6.95*	*6.15*
SPR Net Withdrawals	**-0.01**	**0.00**	**0.00**	**0.00**	**0.00**	**0.05**	**0.00**	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*	**0.00**	*0.01*	*0.00*
Commercial Inventory Net Withdrawals	**-0.31**	**0.17**	**0.05**	**0.17**	**-0.30**	**0.00**	**0.25**	*-0.07*	*-0.31*	*0.02*	*0.14*	*0.12*	**0.02**	*-0.03*	*0.00*
Crude Oil Adjustment (d)	**0.24**	**0.26**	**0.28**	**0.24**	**0.31**	**0.35**	**0.21**	*0.03*	*0.18*	*0.19*	*0.21*	*0.08*	**0.25**	*0.22*	*0.17*
Total Crude Oil Input to Refineries	**14.51**	**15.33**	**15.83**	**15.56**	**15.18**	**15.88**	**16.35**	*15.62*	*15.13*	*15.80*	*16.09*	*15.49*	**15.31**	*15.76*	*15.63*
Other Supply															
Refinery Processing Gain	**1.01**	**1.07**	**1.13**	**1.13**	**1.07**	**1.08**	**1.09**	*1.09*	*1.07*	*1.08*	*1.12*	*1.09*	**1.09**	*1.08*	*1.09*
Natural Gas Plant Liquids Production	**2.45**	**2.54**	**2.71**	**2.72**	**2.71**	**2.95**	**3.09**	*3.09*	*3.05*	*3.19*	*3.29*	*3.33*	**2.61**	*2.96*	*3.22*
Renewables and Oxygenate Production (e)	**0.92**	**1.00**	**1.01**	**1.08**	**1.01**	**1.06**	**1.06**	*1.05*	*1.06*	*1.06*	*1.06*	*1.06*	**1.00**	*1.05*	*1.06*
Fuel Ethanol Production	**0.81**	**0.87**	**0.86**	**0.93**	**0.91**	**0.94**	**0.93**	*0.94*	*0.95*	*0.94*	*0.95*	*0.95*	**0.87**	*0.93*	*0.95*
Petroleum Products Adjustment (f)	**0.19**	**0.20**	**0.22**	**0.22**	**0.20**	**0.22**	**0.22**	*0.19*	*0.20*	*0.20*	*0.20*	*0.20*	**0.21**	*0.21*	*0.20*
Product Net Imports (c)	**-0.91**	**-0.97**	**-1.47**	**-2.06**	**-1.73**	**-1.76**	**-2.17**	*-2.44*	*-1.87*	*-1.94*	*-2.17*	*-2.35*	**-1.36**	*-2.03*	*-2.08*
Hydrocarbon Gas Liquids	**-0.14**	**-0.25**	**-0.36**	**-0.40**	**-0.37**	**-0.58**	**-0.66**	*-0.72*	*-0.76*	*-0.88*	*-0.92*	*-0.93*	**-0.29**	*-0.58*	*-0.87*
Unfinished Oils	**0.52**	**0.60**	**0.64**	**0.42**	**0.46**	**0.49**	**0.32**	*0.47*	*0.46*	*0.61*	*0.64*	*0.53*	**0.55**	*0.44*	*0.56*
Other HC/Oxygenates	**-0.06**	**-0.06**	**-0.04**	**-0.05**	**-0.09**	**-0.09**	**-0.08**	*-0.10*	*-0.10*	*-0.10*	*-0.11*	*-0.10*	**-0.05**	*-0.09*	*-0.10*
Motor Gasoline Blend Comp.	**0.41**	**0.63**	**0.46**	**0.36**	**0.29**	**0.58**	**0.45**	*0.33*	*0.42*	*0.53*	*0.45*	*0.40*	**0.46**	*0.41*	*0.45*
Finished Motor Gasoline	**-0.37**	**-0.22**	**-0.29**	**-0.43**	**-0.41**	**-0.36**	**-0.34**	*-0.36*	*-0.38*	*-0.25*	*-0.27*	*-0.40*	**-0.33**	*-0.37*	*-0.32*
Jet Fuel	**-0.07**	**-0.04**	**-0.07**	**-0.11**	**-0.07**	**-0.02**	**-0.09**	*-0.11*	*-0.08*	*-0.03*	*-0.05*	*-0.07*	**-0.07**	*-0.07*	*-0.06*
Distillate Fuel Oil	**-0.63**	**-0.91**	**-1.22**	**-1.16**	**-0.67**	**-1.01**	**-1.08**	*-1.18*	*-0.67*	*-0.96*	*-1.08*	*-1.02*	**-0.98**	*-0.99*	*-0.93*
Residual Fuel Oil	**-0.09**	**-0.22**	**-0.08**	**-0.15**	**-0.24**	**-0.18**	**-0.18**	*-0.20*	*-0.25*	*-0.27*	*-0.25*	*-0.21*	**-0.14**	*-0.20*	*-0.25*
Other Oils (g)	**-0.47**	**-0.51**	**-0.53**	**-0.55**	**-0.64**	**-0.58**	**-0.51**	*-0.58*	*-0.51*	*-0.58*	*-0.59*	*-0.55*	**-0.51**	*-0.58*	*-0.56*
Product Inventory Net Withdrawals	**0.48**	**-0.46**	**-0.21**	**0.61**	**0.39**	**-0.72**	**-0.38**	*0.25*	*0.26*	*-0.42*	*-0.28*	*0.37*	**0.11**	*-0.12*	*-0.02*
Total Supply	**18.64**	**18.72**	**19.21**	**19.26**	**18.84**	**18.71**	**19.11**	*19.08*	*18.89*	*18.98*	*19.32*	*19.20*	**18.96**	*18.94*	*19.10*
Consumption (million barrels per day)															
Hydrocarbon Gas Liquids	**2.70**	**2.22**	**2.30**	**2.77**	**2.66**	**2.06**	**2.26**	*2.67*	*2.68*	*2.20*	*2.34*	*2.69*	**2.50**	*2.41*	*2.48*
Unfinished Oils	**-0.03**	**-0.03**	**0.03**	**0.06**	**0.08**	**0.02**	**-0.06**	*0.07*	*0.00*	*0.03*	*0.03*	*0.04*	**0.01**	*0.03*	*0.03*
Motor Gasoline	**8.46**	**8.99**	**9.07**	**8.84**	**8.52**	**9.01**	**9.10**	*8.90*	*8.56*	*9.04*	*9.07*	*8.78*	**8.84**	*8.89*	*8.86*
Fuel Ethanol blended into Motor Gasoline	**0.81**	**0.89**	**0.87**	**0.88**	**0.84**	**0.89**	**0.89**	*0.89*	*0.86*	*0.89*	*0.88*	*0.87*	**0.86**	*0.88*	*0.88*
Jet Fuel	**1.35**	**1.45**	**1.50**	**1.44**	**1.40**	**1.47**	**1.51**	*1.48*	*1.39*	*1.49*	*1.53*	*1.44*	**1.43**	*1.46*	*1.46*
Distillate Fuel Oil	**3.94**	**3.76**	**3.68**	**3.94**	**4.17**	**3.93**	**3.86**	*3.83*	*4.15*	*3.96*	*3.94*	*4.07*	**3.83**	*3.95*	*4.03*
Residual Fuel Oil	**0.36**	**0.27**	**0.38**	**0.27**	**0.23**	**0.26**	**0.24**	*0.24*	*0.21*	*0.21*	*0.20*	*0.21*	**0.32**	*0.24*	*0.21*
Other Oils (g)	**1.87**	**2.07**	**2.25**	**1.94**	**1.75**	**1.96**	**2.25**	*1.96*	*1.89*	*2.05*	*2.21*	*1.96*	**2.03**	*1.98*	*2.03*
Total Consumption	**18.64**	**18.72**	**19.21**	**19.26**	**18.81**	**18.71**	**19.16**	*19.15*	*18.89*	*18.98*	*19.32*	*19.20*	**18.96**	*18.96*	*19.10*
Total Petroleum and Other Liquids Net Imports	**6.56**	**6.64**	**6.46**	**5.30**	**5.38**	**5.18**	**4.98**	*4.18*	*4.11*	*4.27*	*4.30*	*3.59*	**6.24**	*4.93*	*4.07*
End-of-period Inventories (million barrels)															
Commercial Inventory															
Crude Oil (excluding SPR)	**393.1**	**377.4**	**373.0**	**357.1**	**383.7**	**383.9**	**360.9**	*367.1*	*395.2*	*393.0*	*379.8*	*368.9*	**357.1**	*367.1*	*368.9*
Hydrocarbon Gas Liquids	**116.4**	**160.4**	**190.8**	**128.4**	**98.1**	**164.1**	**209.8**	*165.7*	*129.9*	*173.4*	*202.1*	*158.1*	**128.4**	*165.7*	*158.1*
Unfinished Oils	**89.9**	**86.8**	**81.6**	**78.0**	**91.3**	**87.3**	**84.5**	*81.5*	*90.8*	*88.1*	*85.9*	*80.5*	**78.0**	*81.5*	*80.5*
Other HC/Oxygenates	**21.6**	**19.9**	**20.0**	**21.6**	**22.6**	**23.0**	**22.4**	*21.5*	*24.0*	*22.6*	*21.9*	*22.3*	**21.6**	*21.5*	*22.3*
Total Motor Gasoline	**224.7**	**224.4**	**219.8**	**228.0**	**220.9**	**218.8**	**212.5**	*223.1*	*224.7*	*218.0*	*216.3*	*230.3*	**228.0**	*223.1*	*230.3*
Finished Motor Gasoline	**47.3**	**48.6**	**39.8**	**39.0**	**34.3**	**28.9**	**28.8**	*31.8*	*28.9*	*29.5*	*28.7*	*31.1*	**39.0**	*31.8*	*31.1*
Motor Gasoline Blend Comp.	**177.3**	**175.7**	**180.0**	**189.1**	**186.6**	**190.0**	**183.7**	*191.3*	*195.7*	*188.5*	*187.6*	*199.3*	**189.1**	*191.3*	*199.3*
Jet Fuel	**39.9**	**40.4**	**41.1**	**37.2**	**36.0**	**36.3**	**39.6**	*35.7*	*35.8*	*37.6*	*40.1*	*37.4*	**37.2**	*35.7*	*37.4*
Distillate Fuel Oil	**118.7**	**122.5**	**129.3**	**127.5**	**115.3**	**121.7**	**131.3**	*122.2*	*112.6*	*118.6*	*127.0*	*129.1*	**127.5**	*122.2*	*129.1*
Residual Fuel Oil	**37.0**	**37.6**	**35.6**	**38.1**	**36.4**	**36.7**	**36.6**	*36.6*	*37.3*	*36.7*	*35.2*	*35.7*	**38.1**	*36.6*	*35.7*
Other Oils (g)	**55.8**	**53.6**	**46.1**	**49.4**	**52.8**	**50.9**	**45.6**	*47.7*	*55.5*	*53.9*	*46.3*	*47.6*	**49.4**	*47.7*	*47.6*
Total Commercial Inventory	**1,097**	**1,123**	**1,137**	**1,065**	**1,057**	**1,123**	**1,139**	*1,101*	*1,106*	*1,142*	*1,155*	*1,110*	**1,065**	*1,101*	*1,110*
Crude Oil in SPR	**696**	**696**	**696**	**696**	**696**	**691**	**691**	*691*	*691*	*691*	*691*	*691*	**696**	*691*	*691*

- = no data available

(a) Includes lease condensate.

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

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

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

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

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

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

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

SPR: Strategic Petroleum Reserve

HC: Hydrocarbons

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

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

Projections: EIA Regional Short-Term Energy Model.

Table 4b. U.S. Hydrocarbon Gas Liquids (HGL) and Petroleum Refinery Balances (million barrels per day, except inventories and utilization factor)

U.S. Energy Information Administration | Short-Term Energy Outlook - December 2014

	2013				2014				2015				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2013	2014	2015
HGL Production															
Natural Gas Processing Plants															
Ethane	**0.94**	**0.92**	**0.99**	**1.04**	**1.03**	**1.09**	**1.09**	*1.15*	*1.16*	*1.17*	*1.20*	*1.26*	**0.97**	*1.09*	*1.20*
Propane	**0.76**	**0.81**	**0.85**	**0.86**	**0.87**	**0.95**	**1.02**	*0.99*	*0.98*	*1.04*	*1.09*	*1.08*	**0.82**	*0.96*	*1.05*
Butanes	**0.43**	**0.46**	**0.49**	**0.48**	**0.48**	**0.52**	**0.56**	*0.56*	*0.54*	*0.57*	*0.59*	*0.59*	**0.47**	*0.53*	*0.57*
Natural Gasoline (Pentanes Plus)	**0.31**	**0.35**	**0.38**	**0.35**	**0.33**	**0.39**	**0.42**	*0.38*	*0.37*	*0.41*	*0.42*	*0.40*	**0.35**	*0.38*	*0.40*
Refinery and Blender Net Production															
Ethane/Ethylene	**0.01**	**0.01**	**0.01**	**0.01**	**0.01**	**0.01**	**0.01**	*0.01*	*0.01*	*0.01*	*0.01*	*0.01*	**0.01**	*0.01*	*0.01*
Propane/Propylene	**0.55**	**0.57**	**0.58**	**0.57**	**0.57**	**0.60**	**0.59**	*0.57*	*0.56*	*0.58*	*0.58*	*0.57*	**0.56**	*0.58*	*0.57*
Butanes/Butylenes	**-0.04**	**0.27**	**0.19**	**-0.21**	**-0.04**	**0.27**	**0.21**	*-0.17*	*-0.04*	*0.25*	*0.17*	*-0.16*	**0.05**	*0.07*	*0.05*
Renewable Fuels and Oxygenate Plant Net Production															
Natural Gasoline (Pentanes Plus)	**-0.02**	**-0.02**	**-0.02**	**-0.02**	**-0.02**	**-0.02**	**-0.02**	*-0.02*	*-0.02*	*-0.02*	*-0.02*	*-0.02*	**-0.02**	*-0.02*	*-0.02*
HGL Net Imports															
Ethane	**0.00**	**0.00**	**0.00**	**0.00**	**-0.01**	**-0.02**	**-0.05**	*-0.06*	*-0.07*	*-0.10*	*-0.11*	*-0.11*	**0.00**	*-0.04*	*-0.10*
Propane/Propylene	**-0.05**	**-0.19**	**-0.21**	**-0.25**	**-0.17**	**-0.34**	**-0.36**	*-0.38*	*-0.41*	*-0.48*	*-0.47*	*-0.49*	**-0.18**	*-0.31*	*-0.46*
Butanes/Butylenes	**-0.01**	**-0.01**	**-0.02**	**0.00**	**-0.03**	**-0.06**	**-0.09**	*-0.10*	*-0.11*	*-0.15*	*-0.17*	*-0.16*	**-0.01**	*-0.07*	*-0.14*
Natural Gasoline (Pentanes Plus)	**-0.09**	**-0.05**	**-0.13**	**-0.15**	**-0.15**	**-0.16**	**-0.16**	*-0.17*	*-0.17*	*-0.16*	*-0.17*	*-0.17*	**-0.10**	*-0.16*	*-0.17*
HGL Refinery and Blender Net Inputs															
Butanes/Butylenes	**0.34**	**0.26**	**0.30**	**0.43**	**0.37**	**0.28**	**0.30**	*0.41*	*0.34*	*0.27*	*0.28*	*0.41*	**0.33**	*0.34*	*0.32*
Natural Gasoline (Pentanes Plus)	**0.18**	**0.15**	**0.17**	**0.16**	**0.14**	**0.15**	**0.16**	*0.17*	*0.17*	*0.18*	*0.18*	*0.18*	**0.17**	*0.16*	*0.18*
HGL Consumption															
Ethane/Ethylene	**0.96**	**0.92**	**1.00**	**1.09**	**1.01**	**0.97**	**1.08**	*1.11*	*1.08*	*1.05*	*1.12*	*1.16*	**0.99**	*1.04*	*1.10*
Propane/Propylene	**1.56**	**1.03**	**1.08**	**1.43**	**1.46**	**0.89**	**0.97**	*1.35*	*1.41*	*0.94*	*1.03*	*1.32*	**1.28**	*1.17*	*1.17*
Butanes/Butylenes	**0.15**	**0.18**	**0.17**	**0.19**	**0.16**	**0.17**	**0.16**	*0.17*	*0.16*	*0.18*	*0.15*	*0.16*	**0.17**	*0.17*	*0.16*
Natural Gasoline (Pentanes Plus)	**0.03**	**0.08**	**0.05**	**0.06**	**0.03**	**0.03**	**0.05**	*0.04*	*0.03*	*0.03*	*0.05*	*0.05*	**0.06**	*0.04*	*0.04*
HGL Inventories (million barrels)															
Ethane/Ethylene	**34.26**	**35.18**	**34.46**	**32.79**	**29.90**	**37.06**	**38.70**	*36.56*	*35.84*	*38.55*	*37.79*	*37.27*	**34.17**	*35.58*	*37.37*
Propane/Propylene	**40.68**	**55.31**	**68.10**	**45.08**	**28.32**	**57.12**	**82.37**	*67.60*	*41.83*	*60.60*	*75.99*	*60.99*	**45.08**	*67.60*	*60.99*
Butanes/Butylenes	**27.94**	**52.84**	**69.60**	**38.06**	**25.95**	**52.24**	**72.22**	*46.29*	*36.31*	*56.76*	*71.18*	*44.56*	**38.06**	*46.29*	*44.56*
Natural Gasoline (Pentanes Plus)	**13.05**	**17.23**	**18.36**	**14.47**	**13.04**	**14.82**	**17.92**	*16.01*	*15.27*	*16.92*	*17.45*	*15.69*	**14.47**	*16.01*	*15.69*
Refinery and Blender Net Inputs															
Crude Oil	**14.51**	**15.33**	**15.83**	**15.56**	**15.18**	**15.88**	**16.35**	*15.62*	*15.13*	*15.80*	*16.09*	*15.49*	**15.31**	*15.76*	*15.63*
Hydrocarbon Gas Liquids	**0.51**	**0.41**	**0.48**	**0.58**	**0.52**	**0.43**	**0.46**	*0.58*	*0.51*	*0.45*	*0.46*	*0.59*	**0.50**	*0.50*	*0.50*
Other Hydrocarbons/Oxygenates	**1.04**	**1.12**	**1.15**	**1.15**	**1.08**	**1.16**	**1.16**	*1.11*	*1.10*	*1.14*	*1.12*	*1.12*	**1.12**	*1.13*	*1.12*
Unfinished Oils	**0.47**	**0.66**	**0.67**	**0.40**	**0.24**	**0.51**	**0.41**	*0.44*	*0.35*	*0.61*	*0.63*	*0.55*	**0.55**	*0.40*	*0.53*
Motor Gasoline Blend Components	**0.52**	**0.72**	**0.46**	**0.50**	**0.71**	**1.06**	**0.83**	*0.42*	*0.56*	*0.79*	*0.63*	*0.45*	**0.55**	*0.75*	*0.60*
Aviation Gasoline Blend Components	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*	**0.00**	*0.00*	*0.00*
Total Refinery and Blender Net Inputs	**17.05**	**18.24**	**18.58**	**18.19**	**17.73**	**19.04**	**19.21**	*18.16*	*17.64*	*18.77*	*18.93*	*18.20*	**18.02**	*18.54*	*18.39*
Refinery Processing Gain	**1.01**	**1.07**	**1.13**	**1.13**	**1.07**	**1.08**	**1.09**	*1.09*	*1.07*	*1.08*	*1.12*	*1.09*	**1.09**	*1.08*	*1.09*
Refinery and Blender Net Production															
Hydrocarbon Gas Liquids	**0.51**	**0.84**	**0.77**	**0.37**	**0.54**	**0.87**	**0.81**	*0.42*	*0.53*	*0.84*	*0.75*	*0.42*	**0.62**	*0.66*	*0.63*
Finished Motor Gasoline	**8.87**	**9.27**	**9.30**	**9.49**	**9.26**	**9.82**	**9.74**	*9.45*	*9.08*	*9.47*	*9.49*	*9.37*	**9.23**	*9.57*	*9.35*
Jet Fuel	**1.43**	**1.50**	**1.57**	**1.50**	**1.45**	**1.49**	**1.64**	*1.54*	*1.48*	*1.54*	*1.60*	*1.48*	**1.50**	*1.53*	*1.53*
Distillate Fuel	**4.35**	**4.66**	**4.92**	**4.99**	**4.66**	**4.96**	**4.99**	*4.86*	*4.66*	*4.94*	*5.07*	*5.06*	**4.73**	*4.87*	*4.93*
Residual Fuel	**0.49**	**0.49**	**0.44**	**0.45**	**0.46**	**0.44**	**0.42**	*0.44*	*0.47*	*0.47*	*0.43*	*0.43*	**0.47**	*0.44*	*0.45*
Other Oils (a)	**2.42**	**2.55**	**2.70**	**2.53**	**2.43**	**2.52**	**2.71**	*2.55*	*2.49*	*2.61*	*2.71*	*2.53*	**2.55**	*2.55*	*2.58*
Total Refinery and Blender Net Production	**18.06**	**19.31**	**19.71**	**19.32**	**18.80**	**20.11**	**20.30**	*19.26*	*18.71*	*19.86*	*20.05*	*19.29*	**19.11**	*19.62*	*19.48*
Refinery Distillation Inputs	**14.80**	**15.77**	**16.31**	**15.99**	**15.51**	**16.17**	**16.64**	*16.00*	*15.45*	*16.11*	*16.44*	*15.87*	**15.72**	*16.08*	*15.97*
Refinery Operable Distillation Capacity	**17.82**	**17.81**	**17.82**	**17.82**	**17.93**	**17.89**	**17.81**	*17.81*	*17.81*	*17.81*	*17.81*	*17.81*	**17.82**	*17.86*	*17.81*
Refinery Distillation Utilization Factor	**0.83**	**0.89**	**0.92**	**0.90**	**0.87**	**0.90**	**0.93**	*0.90*	*0.87*	*0.90*	*0.92*	*0.89*	**0.88**	*0.90*	*0.90*

- = 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: EIA Regional Short-Term Energy Model.

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

U.S. Energy Information Administration | Short-Term Energy Outlook - December 2014

	2013				2014				2015				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2013	2014	2015
Prices (cents per gallon)															
Refiner Wholesale Price	**289**	**290**	**288**	**259**	**272**	**298**	**276**	*212*	*182*	*192*	*199*	*186*	**281**	*264*	*190*
Gasoline Regular Grade Retail Prices Including Taxes															
PADD 1	**362**	**350**	**355**	**334**	**344**	**365**	**348**	*292*	*255*	*255*	*262*	*258*	**350**	*338*	*258*
PADD 2	**350**	**368**	**352**	**319**	**337**	**365**	**343**	*283*	*247*	*259*	*266*	*250*	**347**	*332*	*256*
PADD 3	**338**	**336**	**337**	**308**	**318**	**345**	**329**	*268*	*235*	*243*	*246*	*235*	**329**	*315*	*240*
PADD 4	**323**	**361**	**362**	**325**	**326**	**350**	**363**	*301*	*241*	*256*	*265*	*254*	**343**	*336*	*254*
PADD 5	**382**	**390**	**385**	**355**	**362**	**401**	**386**	*317*	*281*	*292*	*298*	*287*	**378**	*367*	*289*
U.S. Average	**357**	**360**	**357**	**329**	**340**	**368**	**350**	*290*	*253*	*261*	*267*	*257*	**351**	*337*	*260*
Gasoline All Grades Including Taxes	**363**	**367**	**364**	**337**	**348**	**375**	**358**	*298*	*261*	*269*	*275*	*265*	**358**	*345*	*268*
End-of-period Inventories (million barrels)															
Total Gasoline Inventories															
PADD 1	**59.5**	**62.0**	**58.1**	**61.1**	**57.7**	**63.1**	**55.6**	*57.1*	*60.0*	*59.5*	*55.3*	*60.0*	**61.1**	*57.1*	*60.0*
PADD 2	**53.8**	**49.3**	**49.8**	**51.5**	**49.0**	**49.7**	**47.2**	*47.2*	*49.8*	*48.3*	*49.1*	*49.3*	**51.5**	*47.2*	*49.3*
PADD 3	**75.6**	**77.5**	**77.3**	**76.3**	**77.7**	**72.8**	**74.9**	*80.5*	*78.1*	*75.6*	*76.7*	*81.6*	**76.3**	*80.5*	*81.6*
PADD 4	**6.8**	**6.5**	**6.3**	**7.1**	**6.5**	**6.1**	**7.4**	*7.6*	*6.7*	*6.5*	*6.8*	*7.7*	**7.1**	*7.6*	*7.7*
PADD 5	**29.1**	**29.1**	**28.2**	**32.1**	**30.0**	**27.1**	**27.3**	*30.7*	*29.9*	*28.1*	*28.3*	*31.7*	**32.1**	*30.7*	*31.7*
U.S. Total	**224.7**	**224.4**	**219.8**	**228.0**	**220.9**	**218.8**	**212.5**	*223.1*	*224.7*	*218.0*	*216.3*	*230.3*	**228.0**	*223.1*	*230.3*
Finished Gasoline Inventories															
U.S. Total	**47.3**	**48.6**	**39.8**	**39.0**	**34.3**	**28.9**	**28.8**	*31.8*	*28.9*	*29.5*	*28.7*	*31.1*	**39.0**	*31.8*	*31.1*
Gasoline Blending Components Inventories															
U.S. Total	**177.3**	**175.7**	**180.0**	**189.1**	**186.6**	**190.0**	**183.7**	*191.3*	*195.7*	*188.5*	*187.6*	*199.3*	**189.1**	*191.3*	*199.3*

- = no data available

Prices are not adjusted for inflation.

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

Regions refer to Petroleum Administration for Defense Districts (PADD).

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: EIA Regional Short-Term Energy Model.

Table 5a. U.S. Natural Gas Supply, Consumption, and Inventories

U.S. Energy Information Administration | Short-Term Energy Outlook - December 2014

	2013				2014				2015				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2013	2014	2015
Supply (billion cubic feet per day)															
Total Marketed Production	**69.23**	**69.75**	**71.19**	**71.33**	**71.73**	**73.56**	**75.54**	*76.15*	*76.41*	*76.41*	*76.54*	*76.97*	**70.39**	*74.26*	*76.58*
Alaska	**1.05**	**0.91**	**0.79**	**0.96**	**0.99**	**0.93**	**0.85**	*0.99*	*1.01*	*0.85*	*0.76*	*0.92*	**0.93**	*0.94*	*0.88*
Federal GOM (a)	**3.87**	**3.63**	**3.46**	**3.40**	**3.29**	**3.42**	**3.38**	*3.06*	*3.11*	*3.10*	*2.91*	*2.82*	**3.59**	*3.28*	*2.98*
Lower 48 States (excl GOM)	**64.32**	**65.21**	**66.94**	**66.98**	**67.45**	**69.22**	**71.31**	*72.11*	*72.29*	*72.46*	*72.87*	*73.23*	**65.87**	*70.04*	*72.72*
Total Dry Gas Production	**65.58**	**66.07**	**67.43**	**67.57**	**67.83**	**69.33**	**71.12**	*71.70*	*71.94*	*71.94*	*72.07*	*72.47*	**66.67**	*70.01*	*72.11*
LNG Gross Imports	**0.37**	**0.21**	**0.37**	**0.12**	**0.17**	**0.17**	**0.15**	*0.19*	*0.17*	*0.17*	*0.18*	*0.17*	**0.27**	*0.17*	*0.17*
LNG Gross Exports	**0.00**	**0.00**	**0.00**	**0.03**	**0.03**	**0.02**	**0.09**	*0.00*	*0.00*	*0.00*	*0.43*	*0.59*	**0.01**	*0.04*	*0.26*
Pipeline Gross Imports	**8.11**	**7.39**	**7.42**	**7.62**	**8.44**	**6.52**	**6.47**	*7.23*	*7.48*	*6.47*	*6.78*	*7.01*	**7.63**	*7.16*	*6.94*
Pipeline Gross Exports	**4.84**	**4.41**	**4.14**	**3.81**	**4.67**	**3.89**	**3.85**	*4.30*	*4.49*	*4.67*	*4.57*	*4.87*	**4.30**	*4.17*	*4.65*
Supplemental Gaseous Fuels	**0.15**	**0.15**	**0.15**	**0.15**	**0.17**	**0.16**	**0.13**	*0.18*	*0.19*	*0.16*	*0.17*	*0.19*	**0.15**	*0.16*	*0.18*
Net Inventory Withdrawals	**18.70**	**-10.17**	**-9.79**	**7.31**	**22.75**	**-12.71**	**-12.98**	*3.51*	*15.96*	*-11.39*	*-10.02*	*2.78*	**1.45**	*0.06*	*-0.73*
Total Supply	**88.06**	**59.24**	**61.44**	**78.93**	**94.66**	**59.57**	**60.96**	*78.50*	*91.26*	*62.68*	*64.18*	*77.16*	**71.86**	*73.34*	*73.75*
Balancing Item (b)	**0.41**	**0.71**	**-0.41**	**-1.77**	**0.84**	**1.64**	**0.93**	*-1.27*	*-0.59*	*-0.05*	*-0.43*	*-0.37*	**-0.27**	*0.53*	*-0.36*
Total Primary Supply	**88.47**	**59.95**	**61.03**	**77.16**	**95.50**	**61.20**	**61.89**	*77.23*	*90.66*	*62.64*	*63.74*	*76.78*	**71.59**	*73.87*	*73.39*
Consumption (billion cubic feet per day)															
Residential	**25.47**	**7.58**	**3.68**	**17.32**	**28.78**	**7.37**	**3.70**	*16.71*	*24.97*	*7.30*	*3.55*	*15.82*	**13.46**	*14.08*	*12.86*
Commercial	**14.38**	**6.06**	**4.48**	**11.09**	**16.39**	**6.14**	**4.54**	*10.80*	*14.52*	*5.97*	*4.59*	*10.32*	**8.98**	*9.44*	*8.83*
Industrial	**21.66**	**19.28**	**18.94**	**21.39**	**22.98**	**20.03**	**19.66**	*22.24*	*23.80*	*20.92*	*20.61*	*23.02*	**20.31**	*21.22*	*22.08*
Electric Power (c)	**19.94**	**20.97**	**27.76**	**20.61**	**19.70**	**21.04**	**27.21**	*20.58*	*20.03*	*21.82*	*28.37*	*20.70*	**22.34**	*22.15*	*22.75*
Lease and Plant Fuel	**3.98**	**4.00**	**4.09**	**4.10**	**4.41**	**4.52**	**4.64**	*4.68*	*4.70*	*4.70*	*4.71*	*4.73*	**4.04**	*4.56*	*4.71*
Pipeline and Distribution Use	**2.95**	**1.95**	**1.99**	**2.55**	**3.15**	**2.02**	**2.04**	*2.13*	*2.55*	*1.84*	*1.82*	*2.09*	**2.36**	*2.33*	*2.07*
Vehicle Use	**0.09**	**0.09**	**0.09**	**0.09**	**0.09**	**0.09**	**0.09**	*0.09*	*0.09*	*0.09*	*0.09*	*0.09*	**0.09**	*0.09*	*0.09*
Total Consumption	**88.47**	**59.95**	**61.03**	**77.16**	**95.50**	**61.20**	**61.89**	*77.23*	*90.66*	*62.64*	*63.74*	*76.78*	**71.59**	*73.87*	*73.39*
End-of-period Inventories (billion cubic feet)															
Working Gas Inventory	**1,720**	**2,643**	**3,565**	**2,890**	**857**	**2,005**	**3,190**	*2,868*	*1,431*	*2,468*	*3,390*	*3,134*	**2,890**	*2,868*	*3,134*
Producing Region (d)	**703**	**973**	**1,174**	**1,022**	**358**	**691**	**954**	*974*	*628*	*926*	*1,094*	*1,093*	**1,022**	*974*	*1,093*
East Consuming Region (d)	**659**	**1,208**	**1,833**	**1,445**	**315**	**952**	**1,754**	*1,482*	*538*	*1,111*	*1,767*	*1,550*	**1,445**	*1,482*	*1,550*
West Consuming Region (d)	**357**	**461**	**558**	**423**	**184**	**362**	**483**	*411*	*265*	*430*	*528*	*491*	**423**	*411*	*491*

- = 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*

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: EIA Regional Short-Term Energy Model.

Table 5b. U.S. Regional Natural Gas Prices (dollars per thousand cubic fee

U.S. Energy Information Administration | Short-Term Energy Outlook - December 2014

	2013				2014				2015				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2013	2014	2015
Wholesale/Spot															
Henry Hub Spot Price	**3.59**	**4.13**	**3.66**	**3.97**	**5.36**	**4.75**	**4.08**	*4.12*	*4.07*	*3.74*	*3.88*	*4.09*	**3.84**	*4.58*	*3.94*
Residential															
New England	**13.16**	**14.10**	**17.03**	**13.51**	**13.92**	**16.55**	**17.86**	*14.37*	*13.68*	*14.78*	*17.48*	*14.20*	**13.71**	*14.72*	*14.30*
Middle Atlantic	**10.92**	**13.23**	**17.63**	**11.29**	**10.68**	**13.36**	**17.25**	*12.08*	*11.21*	*13.76*	*18.13*	*12.71*	**11.81**	*11.85*	*12.45*
E. N. Central	**7.77**	**10.82**	**15.86**	**8.16**	**8.67**	**12.96**	**16.85**	*8.90*	*8.40*	*11.58*	*16.95*	*9.45*	**8.74**	*9.69*	*9.62*
W. N. Central	**8.13**	**10.48**	**17.62**	**9.04**	**9.10**	**11.73**	**18.17**	*9.65*	*8.53*	*11.22*	*17.41*	*9.81*	**9.26**	*10.03*	*9.77*
S. Atlantic	**11.01**	**15.22**	**21.99**	**12.56**	**11.34**	**16.38**	**22.98**	*13.05*	*11.61*	*16.57*	*22.55*	*13.36*	**12.74**	*13.09*	*13.42*
E. S. Central	**9.27**	**12.58**	**18.47**	**10.60**	**9.63**	**14.08**	**19.71**	*11.40*	*9.82*	*13.73*	*18.54*	*11.59*	**10.60**	*11.08*	*11.21*
W. S. Central	**8.37**	**12.15**	**19.84**	**10.36**	**8.53**	**14.22**	**20.25**	*10.75*	*8.68*	*13.55*	*18.84*	*11.37*	**10.42**	*10.64*	*10.79*
Mountain	**8.02**	**9.82**	**13.78**	**8.76**	**9.07**	**11.22**	**15.15**	*9.91*	*8.95*	*10.00*	*13.56*	*9.12*	**8.93**	*10.16*	*9.51*
Pacific	**9.53**	**10.91**	**11.33**	**10.24**	**10.97**	**11.66**	**12.41**	*10.62*	*10.11*	*10.59*	*11.40*	*10.41*	**10.19**	*11.16*	*10.45*
U.S. Average	**9.24**	**11.90**	**16.13**	**9.90**	**9.83**	**13.18**	**16.93**	*10.62*	*9.78*	*12.44*	*16.37*	*10.90*	**10.30**	*10.97*	*10.96*
Commercial															
New England	**10.88**	**10.77**	**10.14**	**10.33**	**11.42**	**12.66**	**11.66**	*11.25*	*11.60*	*11.03*	*10.93*	*11.09*	**10.62**	*11.59*	*11.30*
Middle Atlantic	**8.79**	**8.62**	**8.06**	**8.23**	**9.30**	**9.06**	**7.92**	*9.23*	*9.84*	*9.25*	*8.85*	*9.72*	**8.52**	*9.08*	*9.58*
E. N. Central	**6.75**	**7.94**	**8.60**	**6.78**	**8.02**	**9.96**	**10.18**	*7.87*	*8.08*	*9.09*	*9.67*	*8.18*	**7.06**	*8.37*	*8.37*
W. N. Central	**7.01**	**7.81**	**9.31**	**7.35**	**8.35**	**9.10**	**10.19**	*8.29*	*8.07*	*7.98*	*8.95*	*7.99*	**7.41**	*8.56*	*8.10*
S. Atlantic	**8.80**	**10.00**	**10.47**	**9.32**	**9.23**	**10.56**	**10.91**	*9.93*	*10.06*	*10.40*	*10.91*	*10.14*	**9.37**	*9.83*	*10.24*
E. S. Central	**8.26**	**9.55**	**10.36**	**9.05**	**8.90**	**10.71**	**11.13**	*9.60*	*9.53*	*10.18*	*10.55*	*9.78*	**8.93**	*9.57*	*9.81*
W. S. Central	**6.86**	**8.08**	**8.74**	**7.54**	**7.49**	**9.24**	**9.26**	*8.21*	*7.81*	*8.11*	*8.66*	*8.22*	**7.55**	*8.22*	*8.09*
Mountain	**6.96**	**7.59**	**8.62**	**7.52**	**7.81**	**8.74**	**9.90**	*8.58*	*8.24*	*7.92*	*9.21*	*8.40*	**7.41**	*8.44*	*8.33*
Pacific	**8.15**	**8.75**	**9.03**	**8.63**	**9.29**	**9.26**	**9.56**	*9.05*	*8.83*	*8.34*	*9.17*	*9.17*	**8.55**	*9.25*	*8.89*
U.S. Average	**7.77**	**8.53**	**8.96**	**7.96**	**8.66**	**9.61**	**9.67**	*8.82*	*8.92*	*8.97*	*9.46*	*8.96*	**8.08**	*8.95*	*9.00*
Industrial															
New England	**8.77**	**8.69**	**7.79**	**8.78**	**10.15**	**9.58**	**7.90**	*9.34*	*9.64*	*8.77*	*8.60*	*9.71*	**8.60**	*9.45*	*9.30*
Middle Atlantic	**8.05**	**8.00**	**8.08**	**8.19**	**9.28**	**8.83**	**8.04**	*8.48*	*8.85*	*8.00*	*8.27*	*8.91*	**8.08**	*8.87*	*8.65*
E. N. Central	**6.26**	**6.68**	**6.19**	**6.04**	**8.03**	**8.87**	**7.89**	*6.95*	*7.17*	*6.57*	*6.61*	*6.86*	**6.25**	*7.84*	*6.92*
W. N. Central	**5.21**	**5.43**	**4.91**	**5.38**	**7.34**	**6.28**	**5.91**	*5.93*	*5.73*	*4.77*	*5.02*	*5.77*	**5.24**	*6.44*	*5.37*
S. Atlantic	**5.49**	**5.85**	**5.37**	**5.60**	**6.91**	**6.42**	**5.90**	*6.21*	*6.24*	*5.71*	*5.82*	*6.15*	**5.58**	*6.39*	*6.00*
E. S. Central	**5.14**	**5.45**	**5.03**	**5.35**	**6.37**	**6.14**	**5.30**	*5.77*	*5.87*	*5.40*	*5.56*	*5.76*	**5.24**	*5.92*	*5.66*
W. S. Central	**3.59**	**4.37**	**3.82**	**3.91**	**5.15**	**4.91**	**4.52**	*4.25*	*4.21*	*3.90*	*4.08*	*4.20*	**3.92**	*4.70*	*4.10*
Mountain	**5.61**	**5.88**	**6.06**	**5.95**	**6.55**	**6.68**	**6.95**	*6.72*	*6.32*	*5.94*	*6.40*	*6.57*	**5.84**	*6.71*	*6.33*
Pacific	**6.67**	**6.97**	**6.81**	**6.82**	**7.84**	**7.63**	**7.70**	*7.17*	*6.84*	*6.29*	*6.80*	*7.16*	**6.81**	*7.58*	*6.80*
U.S. Average	**4.57**	**4.95**	**4.38**	**4.68**	**6.17**	**5.60**	**5.06**	*5.11*	*5.22*	*4.55*	*4.66*	*5.06*	**4.64**	*5.50*	*4.89*

- = 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: EIA Regional Short-Term Energy Model.

Table 6. U.S. Coal Supply, Consumption, and Inventories

U.S. Energy Information Administration | Short-Term Energy Outlook - December 2014

	2013				2014				2015				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2013	2014	2015
Supply (million short tons)															
Production	**245.1**	**243.1**	**256.7**	**239.1**	**245.2**	**245.8**	**251.7**	*253.2*	*254.1*	*236.8*	*254.6*	*249.8*	**984.0**	*996.0*	*995.3*
Appalachia	**70.4**	**71.3**	**66.2**	**63.8**	**67.5**	**69.7**	**68.6**	*67.8*	*73.6*	*69.7*	*66.1*	*66.3*	**271.6**	*273.5*	*275.7*
Interior	**45.5**	**45.0**	**48.1**	**44.0**	**46.3**	**44.8**	**49.0**	*48.1*	*46.4*	*45.1*	*47.7*	*46.9*	**182.7**	*188.1*	*186.1*
Western	**129.2**	**126.8**	**142.4**	**131.3**	**131.4**	**131.4**	**134.2**	*137.4*	*134.1*	*122.0*	*140.8*	*136.6*	**529.7**	*534.4*	*533.5*
Primary Inventory Withdrawals	**5.5**	**-1.1**	**1.6**	**-2.6**	**1.0**	**-0.1**	**0.6**	*-2.3*	*0.5*	*-0.1*	*0.6*	*-2.3*	**3.5**	*-0.8*	*-1.3*
Imports	**1.4**	**2.8**	**2.4**	**2.3**	**2.4**	**3.5**	**3.2**	*3.0*	*2.2*	*2.4*	*3.3*	*2.9*	**8.9**	*12.2*	*10.8*
Exports	**31.8**	**29.4**	**28.6**	**27.8**	**27.7**	**24.6**	**22.7**	*21.2*	*19.0*	*22.5*	*20.0*	*21.2*	**117.7**	*96.2*	*82.7*
Metallurgical Coal	**18.2**	**16.1**	**15.9**	**15.4**	**16.9**	**15.8**	**14.7**	*13.7*	*12.4*	*12.5*	*10.4*	*11.3*	**65.7**	*61.1*	*46.6*
Steam Coal	**13.7**	**13.3**	**12.7**	**12.4**	**10.9**	**8.8**	**7.3**	*7.5*	*6.6*	*10.0*	*9.6*	*9.8*	**52.0**	*34.5*	*36.1*
Total Primary Supply	**220.1**	**215.4**	**232.1**	**211.1**	**220.9**	**224.7**	**232.9**	*232.6*	*237.7*	*216.7*	*238.5*	*229.2*	**878.7**	*911.2*	*922.1*
Secondary Inventory Withdrawals	**14.5**	**0.7**	**17.9**	**4.8**	**31.1**	**-15.2**	**8.1**	*-5.5*	*-1.1*	*-9.0*	*13.1*	*-5.9*	**37.9**	*18.5*	*-2.8*
Waste Coal (a)	**2.9**	**2.6**	**2.5**	**2.3**	**3.2**	**2.8**	**3.2**	*3.0*	*2.8*	*2.5*	*3.2*	*3.0*	**10.2**	*12.1*	*11.3*
Total Supply	**237.5**	**218.6**	**252.5**	**218.2**	**255.2**	**212.3**	**244.1**	*230.1*	*239.4*	*210.1*	*254.8*	*226.3*	**926.8**	*941.7*	*930.6*
Consumption (million short tons)															
Coke Plants	**5.3**	**5.5**	**5.4**	**5.3**	**4.8**	**5.1**	**5.2**	*5.3*	*4.8*	*4.9*	*5.8*	*5.8*	**21.5**	*20.5*	*21.2*
Electric Power Sector (b)	**212.0**	**200.2**	**237.3**	**208.9**	**231.7**	**196.8**	**231.4**	*208.5*	*223.1*	*194.5*	*238.3*	*208.9*	**858.4**	*868.5*	*864.7*
Retail and Other Industry	**11.8**	**10.8**	**10.8**	**11.9**	**12.0**	**10.9**	**10.7**	*11.6*	*11.6*	*10.8*	*10.7*	*11.6*	**45.3**	*45.3*	*44.8*
Residential and Commercial	**0.7**	**0.4**	**0.4**	**0.5**	**0.7**	**0.4**	**0.5**	*0.7*	*0.8*	*0.5*	*0.5*	*0.7*	**2.0**	*2.2*	*2.5*
Other Industrial	**11.1**	**10.4**	**10.4**	**11.4**	**11.3**	**10.5**	**10.3**	*10.9*	*10.8*	*10.3*	*10.3*	*10.9*	**43.3**	*43.1*	*42.3*
Total Consumption	**229.0**	**216.5**	**253.5**	**226.1**	**248.6**	**212.9**	**247.3**	*225.5*	*239.4*	*210.1*	*254.8*	*226.3*	**925.1**	*934.3*	*930.6*
Discrepancy (c)	**8.4**	**2.1**	**-1.0**	**-7.9**	**6.6**	**-0.5**	**-3.2**	*4.6*	*0.0*	*0.0*	*0.0*	*0.0*	**1.7**	*7.4*	*0.0*
End-of-period Inventories (million short tons)															
Primary Inventories (d)	**40.7**	**41.7**	**40.1**	**42.7**	**41.7**	**41.7**	**41.1**	*43.4*	*42.9*	*43.0*	*42.4*	*44.7*	**42.7**	*43.4*	*44.7*
Secondary Inventories	**178.2**	**177.5**	**159.6**	**154.8**	**123.7**	**138.9**	**130.8**	*136.3*	*137.4*	*146.4*	*133.2*	*139.1*	**154.8**	*136.3*	*139.1*
Electric Power Sector	**171.5**	**170.5**	**152.2**	**148.0**	**118.0**	**132.9**	**124.2**	*129.2*	*131.2*	*139.5*	*125.8*	*131.3*	**148.0**	*129.2*	*131.3*
Retail and General Industry	**4.0**	**4.0**	**4.3**	**4.1**	**3.5**	**3.6**	**4.4**	*4.8*	*4.1*	*4.5*	*5.1*	*5.5*	**4.1**	*4.8*	*5.5*
Coke Plants	**2.2**	**2.5**	**2.5**	**2.2**	**1.8**	**1.9**	**1.8**	*1.9*	*1.6*	*2.0*	*1.9*	*1.9*	**2.2**	*1.9*	*1.9*
Coal Market Indicators															
Coal Miner Productivity (Tons per hour)	**5.55**	**5.55**	**5.55**	**5.55**	**5.47**	**5.47**	**5.47**	*5.47*	*5.61*	*5.61*	*5.61*	*5.61*	**5.55**	*5.47*	*5.61*
Total Raw Steel Production (Million short tons per day)	**0.259**	**0.267**	**0.267**	**0.260**	**0.262**	**0.263**	**0.271**	*0.265*	*0.268*	*0.280*	*0.269*	*0.262*	**0.263**	*0.265*	*0.270*
Cost of Coal to Electric Utilities (Dollars per million Btu)	**2.35**	**2.37**	**2.33**	**2.34**	**2.33**	**2.39**	**2.37**	*2.35*	*2.36*	*2.36*	*2.35*	*2.36*	**2.35**	*2.36*	*2.36*

- = no data available

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

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

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

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

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

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

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

Projections: EIA Regional Short-Term Energy Model.

Table 7a. U.S. Electricity Industry Overview

U.S. Energy Information Administration | Short-Term Energy Outlook - December 2014

	2013				2014				2015				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2013	2014	2015
Electricity Supply (billion kilowatthours per day)															
Electricity Generation	**10.92**	**10.73**	**12.15**	**10.66**	**11.47**	**10.75**	**12.04**	*10.70*	*11.29*	*10.89*	*12.38*	*10.77*	**11.12**	*11.24*	*11.33*
Electric Power Sector (a)	**10.48**	**10.31**	**11.71**	**10.23**	**11.04**	**10.34**	**11.60**	*10.26*	*10.86*	*10.48*	*11.95*	*10.33*	**10.68**	*10.81*	*10.91*
Comm. and Indus. Sectors (b)	**0.44**	**0.42**	**0.45**	**0.44**	**0.43**	**0.40**	**0.43**	*0.44*	*0.43*	*0.41*	*0.43*	*0.44*	**0.44**	*0.43*	*0.43*
Net Imports	**0.13**	**0.14**	**0.17**	**0.13**	**0.11**	**0.12**	**0.16**	*0.12*	*0.12*	*0.11*	*0.14*	*0.10*	**0.14**	*0.13*	*0.12*
Total Supply	**11.06**	**10.87**	**12.32**	**10.79**	**11.58**	**10.87**	**12.20**	*10.82*	*11.41*	*11.00*	*12.52*	*10.87*	**11.26**	*11.36*	*11.45*
Losses and Unaccounted for (c)	**0.66**	**0.84**	**0.77**	**0.79**	**0.67**	**0.84**	**0.75**	*0.73*	*0.61*	*0.90*	*0.78*	*0.73*	**0.77**	*0.75*	*0.75*
Electricity Consumption (billion kilowatthours per day unless noted)															
Retail Sales	**10.01**	**9.66**	**11.16**	**9.62**	**10.53**	**9.67**	**11.07**	*9.71*	*10.42*	*9.75*	*11.37*	*9.76*	**10.11**	*10.25*	*10.32*
Residential Sector	**3.96**	**3.38**	**4.37**	**3.53**	**4.35**	**3.36**	**4.26**	*3.55*	*4.18*	*3.37*	*4.43*	*3.55*	**3.81**	*3.88*	*3.88*
Commercial Sector	**3.47**	**3.60**	**4.07**	**3.53**	**3.62**	**3.64**	**4.06**	*3.56*	*3.64*	*3.69*	*4.14*	*3.57*	**3.67**	*3.72*	*3.76*
Industrial Sector	**2.56**	**2.65**	**2.70**	**2.55**	**2.54**	**2.66**	**2.73**	*2.57*	*2.58*	*2.67*	*2.77*	*2.61*	**2.62**	*2.63*	*2.66*
Transportation Sector	**0.02**	**0.02**	**0.02**	**0.02**	**0.02**	**0.02**	**0.02**	*0.02*	*0.02*	*0.02*	*0.02*	*0.02*	**0.02**	*0.02*	*0.02*
Direct Use (d)	**0.39**	**0.37**	**0.39**	**0.38**	**0.38**	**0.35**	**0.38**	*0.38*	*0.38*	*0.35*	*0.38*	*0.38*	**0.38**	*0.37*	*0.37*
Total Consumption	**10.39**	**10.03**	**11.55**	**10.00**	**10.91**	**10.03**	**11.45**	*10.09*	*10.80*	*10.10*	*11.74*	*10.14*	**10.50**	*10.62*	*10.70*
Average residential electricity usage per customer (kWh)	**2,795**	**2,414**	**3,149**	**2,538**	**3,053**	**2,380**	**3,047**	*2,538*	*2,918*	*2,370*	*3,146*	*2,515*	**10,896**	*11,018*	*10,948*
Prices															
Power Generation Fuel Costs (dollars per million Btu)															
Coal	**2.35**	**2.37**	**2.33**	**2.34**	**2.33**	**2.39**	**2.37**	*2.35*	*2.36*	*2.36*	*2.35*	*2.36*	**2.35**	*2.36*	*2.36*
Natural Gas	**4.35**	**4.56**	**4.06**	**4.41**	**6.82**	**4.93**	**4.25**	*4.89*	*4.83*	*4.29*	*4.43*	*4.86*	**4.32**	*5.12*	*4.58*
Residual Fuel Oil	**19.37**	**19.83**	**18.76**	**19.47**	**19.95**	**20.44**	**19.98**	*17.15*	*14.12*	*12.67*	*12.49*	*12.70*	**19.33**	*19.49*	*12.98*
Distillate Fuel Oil	**23.44**	**22.62**	**23.23**	**22.97**	**23.39**	**22.74**	**21.93**	*18.84*	*17.47*	*16.78*	*17.62*	*18.79*	**23.08**	*22.21*	*17.67*
End-Use Prices (cents per kilowatthour)															
Residential Sector	**11.56**	**12.31**	**12.54**	**12.01**	**11.90**	**12.73**	**13.00**	*12.28*	*12.28*	*12.92*	*13.12*	*12.41*	**12.12**	*12.47*	*12.69*
Commercial Sector	**9.96**	**10.33**	**10.68**	**10.14**	**10.57**	**10.63**	**11.11**	*10.47*	*10.55*	*10.88*	*11.33*	*10.69*	**10.29**	*10.71*	*10.88*
Industrial Sector	**6.55**	**6.79**	**7.24**	**6.67**	**7.02**	**6.94**	**7.36**	*6.84*	*6.75*	*6.98*	*7.42*	*6.85*	**6.82**	*7.05*	*7.01*

- = no data available. kWh = kilowatthours. Btu = British thermal units.

Prices are not adjusted for inflation.

(a) Generation supplied by electricity-only and combined-heat-and-power (CHP) plants operated by electric utilities and independent power producers.

(b) Generation supplied by CHP and electricity-only plants operated by businesses in the commercial and industrial sectors, primarily for onsite use.

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

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

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

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

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

Projections: EIA Regional Short-Term Energy Model.

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

U.S. Energy Information Administration | Short-Term Energy Outlook - December 2014

	2013				2014				2015				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2013	2014	2015
Residential Sector															
New England	**144**	**115**	**146**	**122**	**154**	**111**	**136**	*120*	*147*	*113*	*140*	*122*	**132**	*130*	*130*
Middle Atlantic	**390**	**324**	**416**	**330**	**423**	**315**	**383**	*327*	*401*	*318*	*409*	*332*	**365**	*362*	*365*
E. N. Central	**562**	**447**	**553**	**495**	**616**	**446**	**513**	*494*	*573*	*441*	*560*	*491*	**514**	*517*	*516*
W. N. Central	**322**	**247**	**310**	**275**	**352**	**246**	**293**	*270*	*328*	*245*	*316*	*268*	**288**	*290*	*289*
S. Atlantic	**962**	**846**	**1,075**	**873**	**1,081**	**858**	**1,088**	*887*	*1,048*	*855*	*1,128*	*891*	**939**	*978*	*981*
E. S. Central	**344**	**280**	**366**	**294**	**404**	**278**	**363**	*300*	*379*	*279*	*378*	*294*	**321**	*336*	*333*
W. S. Central	**529**	**517**	**755**	**517**	**641**	**501**	**729**	*528*	*610*	*520*	*736*	*519*	**580**	*600*	*596*
Mountain	**253**	**248**	**328**	**227**	**239**	**242**	**320**	*232*	*257*	*243*	*343*	*241*	**264**	*259*	*271*
Pacific contiguous	**436**	**346**	**412**	**385**	**421**	**347**	**420**	*380*	*426*	*342*	*410*	*379*	**395**	*392*	*389*
AK and HI	**14**	**12**	**12**	**13**	**14**	**11**	**12**	*13*	*14*	*12*	*12*	*13*	**13**	*13*	*13*
Total	**3,955**	**3,384**	**4,373**	**3,531**	**4,345**	**3,355**	**4,257**	*3,552*	*4,184*	*3,368*	*4,432*	*3,551*	**3,811**	*3,876*	*3,884*
Commercial Sector															
New England	**121**	**118**	**135**	**117**	**153**	**138**	**154**	*140*	*151*	*138*	*157*	*138*	**123**	*146*	*146*
Middle Atlantic	**427**	**414**	**474**	**412**	**442**	**413**	**461**	*406*	*439*	*415*	*468*	*409*	**432**	*431*	*433*
E. N. Central	**492**	**490**	**539**	**489**	**510**	**490**	**526**	*488*	*509*	*498*	*544*	*488*	**503**	*504*	*510*
W. N. Central	**270**	**266**	**298**	**271**	**284**	**273**	**298**	*271*	*282*	*279*	*304*	*272*	**277**	*281*	*284*
S. Atlantic	**781**	**832**	**918**	**799**	**803**	**842**	**920**	*800*	*807*	*850*	*933*	*805*	**833**	*842*	*849*
E. S. Central	**228**	**243**	**288**	**231**	**239**	**237**	**271**	*232*	*243*	*240*	*285*	*231*	**248**	*245*	*250*
W. S. Central	**462**	**514**	**610**	**504**	**495**	**522**	**609**	*513*	*499*	*536*	*623*	*510*	**523**	*535*	*543*
Mountain	**237**	**262**	**287**	**243**	**239**	**257**	**287**	*245*	*245*	*264*	*294*	*249*	**257**	*257*	*263*
Pacific contiguous	**430**	**448**	**500**	**444**	**438**	**447**	**515**	*452*	*446*	*453*	*514*	*453*	**456**	*463*	*467*
AK and HI	**17**	**16**	**17**	**17**	**17**	**16**	**17**	*17*	*17*	*16*	*17*	*17*	**17**	*16*	*17*
Total	**3,466**	**3,604**	**4,066**	**3,527**	**3,620**	**3,636**	**4,058**	*3,565*	*3,638*	*3,689*	*4,139*	*3,571*	**3,667**	*3,720*	*3,760*
Industrial Sector															
New England	**72**	**73**	**78**	**71**	**49**	**49**	**52**	*47*	*49*	*49*	*53*	*48*	**74**	*49*	*50*
Middle Atlantic	**188**	**186**	**193**	**188**	**201**	**198**	**205**	*198*	*199*	*198*	*205*	*195*	**189**	*200*	*199*
E. N. Central	**533**	**534**	**539**	**513**	**525**	**532**	**544**	*510*	*529*	*534*	*548*	*524*	**530**	*528*	*534*
W. N. Central	**230**	**239**	**251**	**238**	**234**	**240**	**253**	*242*	*245*	*253*	*269*	*253*	**240**	*242*	*255*
S. Atlantic	**367**	**388**	**397**	**373**	**372**	**397**	**404**	*384*	*374*	*397*	*405*	*382*	**381**	*389*	*390*
E. S. Central	**317**	**312**	**286**	**277**	**279**	**287**	**296**	*290*	*296*	*288*	*287*	*288*	**298**	*288*	*290*
W. S. Central	**407**	**435**	**448**	**422**	**431**	**465**	**471**	*432*	*427*	*453*	*474*	*440*	**428**	*450*	*449*
Mountain	**210**	**235**	**246**	**217**	**213**	**239**	**250**	*227*	*223*	*243*	*262*	*233*	**227**	*232*	*240*
Pacific contiguous	**224**	**235**	**251**	**234**	**226**	**240**	**244**	*227*	*224*	*237*	*255*	*236*	**236**	*234*	*238*
AK and HI	**13**	**14**	**14**	**14**	**13**	**14**	**14**	*14*	*14*	*14*	*14*	*14*	**14**	*14*	*14*
Total	**2,563**	**2,650**	**2,703**	**2,546**	**2,543**	**2,660**	**2,734**	*2,571*	*2,579*	*2,666*	*2,772*	*2,615*	**2,616**	*2,627*	*2,658*
Total All Sectors (a)															
New England	**339**	**308**	**360**	**311**	**357**	**300**	**344**	*309*	*349*	*302*	*351*	*310*	**330**	*327*	*328*
Middle Atlantic	**1,017**	**935**	**1,095**	**940**	**1,078**	**936**	**1,059**	*943*	*1,051*	*942*	*1,095*	*948*	**997**	*1,004*	*1,009*
E. N. Central	**1,589**	**1,473**	**1,632**	**1,497**	**1,654**	**1,469**	**1,584**	*1,494*	*1,613*	*1,475*	*1,654*	*1,504*	**1,548**	*1,550*	*1,561*
W. N. Central	**823**	**752**	**859**	**784**	**870**	**760**	**844**	*784*	*856*	*778*	*889*	*793*	**805**	*814*	*829*
S. Atlantic	**2,114**	**2,070**	**2,393**	**2,049**	**2,260**	**2,100**	**2,415**	*2,074*	*2,233*	*2,106*	*2,469*	*2,082*	**2,157**	*2,212*	*2,223*
E. S. Central	**890**	**836**	**940**	**801**	**922**	**803**	**931**	*823*	*918*	*808*	*950*	*813*	**867**	*869*	*872*
W. S. Central	**1,399**	**1,467**	**1,813**	**1,443**	**1,567**	**1,488**	**1,811**	*1,474*	*1,537*	*1,509*	*1,834*	*1,470*	**1,531**	*1,585*	*1,588*
Mountain	**700**	**745**	**862**	**686**	**692**	**739**	**857**	*705*	*725*	*750*	*900*	*723*	**749**	*748*	*775*
Pacific contiguous	**1,092**	**1,031**	**1,165**	**1,066**	**1,087**	**1,037**	**1,181**	*1,061*	*1,098*	*1,034*	*1,181*	*1,071*	**1,088**	*1,091*	*1,096*
AK and HI	**43**	**42**	**43**	**44**	**44**	**41**	**43**	*44*	*44*	*42*	*43*	*45*	**43**	*43*	*43*
Total	**10,006**	**9,658**	**11,163**	**9,623**	**10,531**	**9,673**	**11,069**	*9,709*	*10,424*	*9,745*	*11,365*	*9,759*	**10,114**	*10,245*	*10,324*

- = 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: EIA Regional Short-Term Energy Model.

Table 7c. U.S. Regional Electricity Prices (Cents per Kilowatthour)

U.S. Energy Information Administration | Short-Term Energy Outlook - December 2014

	2013				2014				2015				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2013	2014	2015
Residential Sector															
New England	**15.59**	**16.12**	**16.01**	**17.21**	**17.46**	**18.03**	**17.60**	*18.38*	*18.49*	*18.57*	*18.47*	*18.72*	**16.20**	*17.83*	*18.56*
Middle Atlantic	**15.09**	**15.70**	**16.48**	**15.53**	**16.28**	**16.58**	**16.66**	*15.99*	*16.28*	*17.04*	*17.09*	*16.47*	**15.72**	*16.38*	*16.72*
E. N. Central	**11.48**	**12.45**	**12.30**	**11.87**	**11.56**	**12.95**	**12.98**	*12.22*	*12.11*	*13.21*	*13.22*	*12.43*	**12.01**	*12.37*	*12.72*
W. N. Central	**9.95**	**11.40**	**12.06**	**10.43**	**10.05**	**11.80**	**12.31**	*10.65*	*10.41*	*12.05*	*12.48*	*10.87*	**10.95**	*11.13*	*11.43*
S. Atlantic	**10.88**	**11.48**	**11.77**	**11.27**	**11.31**	**11.98**	**12.13**	*11.62*	*11.57*	*12.09*	*12.13*	*11.56*	**11.37**	*11.76*	*11.84*
E. S. Central	**10.05**	**10.71**	**10.64**	**10.28**	**10.30**	**11.21**	**10.97**	*10.41*	*10.75*	*11.28*	*11.06*	*10.43*	**10.42**	*10.70*	*10.88*
W. S. Central	**10.23**	**10.95**	**10.92**	**10.75**	**10.37**	**11.44**	**11.39**	*11.07*	*10.83*	*11.17*	*11.14*	*10.73*	**10.73**	*11.06*	*10.98*
Mountain	**10.46**	**11.52**	**11.99**	**11.09**	**10.94**	**12.02**	**12.32**	*11.42*	*11.23*	*12.32*	*12.64*	*11.73*	**11.32**	*11.73*	*12.04*
Pacific	**12.80**	**13.72**	**14.60**	**13.32**	**12.97**	**12.77**	**15.51**	*13.09*	*13.41*	*13.38*	*15.75*	*13.62*	**13.60**	*13.64*	*14.08*
U.S. Average	**11.56**	**12.31**	**12.54**	**12.01**	**11.90**	**12.73**	**13.00**	*12.28*	*12.28*	*12.92*	*13.12*	*12.41*	**12.12**	*12.47*	*12.69*
Commercial Sector															
New England	**14.37**	**13.76**	**13.83**	**14.40**	**15.24**	**14.07**	**14.44**	*14.49*	*15.35*	*15.07*	*15.34*	*15.06*	**14.08**	*14.57*	*15.21*
Middle Atlantic	**12.70**	**12.85**	**13.89**	**12.45**	**14.26**	**13.28**	**13.94**	*12.85*	*13.54*	*13.86*	*14.64*	*13.54*	**13.00**	*13.60*	*13.92*
E. N. Central	**9.34**	**9.65**	**9.65**	**9.39**	**9.69**	**9.93**	**10.00**	*9.51*	*9.71*	*9.97*	*10.06*	*9.68*	**9.51**	*9.79*	*9.86*
W. N. Central	**8.36**	**9.22**	**9.66**	**8.49**	**8.60**	**9.38**	**9.86**	*8.67*	*8.61*	*9.51*	*10.09*	*8.86*	**8.95**	*9.14*	*9.29*
S. Atlantic	**9.30**	**9.34**	**9.48**	**9.42**	**9.83**	**9.67**	**9.70**	*9.70*	*9.98*	*9.99*	*10.03*	*10.02*	**9.39**	*9.73*	*10.01*
E. S. Central	**9.82**	**9.91**	**9.76**	**9.78**	**10.28**	**10.51**	**10.40**	*10.27*	*10.52*	*10.67*	*10.52*	*10.46*	**9.82**	*10.37*	*10.54*
W. S. Central	**8.07**	**8.19**	**8.14**	**8.02**	**8.12**	**8.29**	**8.30**	*8.04*	*8.10*	*8.04*	*8.07*	*7.81*	**8.11**	*8.20*	*8.01*
Mountain	**8.83**	**9.47**	**9.80**	**9.26**	**9.18**	**9.82**	**10.18**	*9.61*	*9.29*	*10.08*	*10.40*	*9.78*	**9.37**	*9.72*	*9.92*
Pacific	**11.04**	**12.94**	**14.38**	**12.43**	**11.95**	**13.14**	**15.63**	*13.28*	*12.19*	*13.87*	*16.07*	*13.58*	**12.77**	*13.59*	*14.01*
U.S. Average	**9.96**	**10.33**	**10.68**	**10.14**	**10.57**	**10.63**	**11.11**	*10.47*	*10.55*	*10.88*	*11.33*	*10.69*	**10.29**	*10.71*	*10.88*
Industrial Sector															
New England	**12.38**	**11.92**	**12.46**	**11.89**	**12.96**	**11.28**	**11.39**	*12.17*	*12.06*	*11.93*	*12.01*	*11.78*	**12.17**	*11.93*	*11.94*
Middle Atlantic	**7.30**	**7.23**	**7.47**	**7.00**	**8.75**	**7.37**	**7.28**	*7.37*	*7.77*	*7.64*	*7.74*	*7.56*	**7.25**	*7.69*	*7.68*
E. N. Central	**6.42**	**6.62**	**6.75**	**6.49**	**7.00**	**6.83**	**7.01**	*6.86*	*6.78*	*6.89*	*7.12*	*6.85*	**6.57**	*6.92*	*6.91*
W. N. Central	**6.33**	**6.58**	**7.15**	**6.28**	**6.56**	**6.68**	**7.32**	*6.45*	*6.44*	*6.76*	*7.52*	*6.53*	**6.60**	*6.76*	*6.83*
S. Atlantic	**6.30**	**6.44**	**6.77**	**6.41**	**6.80**	**6.68**	**6.97**	*6.52*	*6.65*	*6.77*	*7.05*	*6.63*	**6.48**	*6.74*	*6.78*
E. S. Central	**5.65**	**5.91**	**6.63**	**5.65**	**6.18**	**6.22**	**6.76**	*5.74*	*5.98*	*6.30*	*6.67*	*5.97*	**5.96**	*6.23*	*6.23*
W. S. Central	**5.60**	**5.88**	**6.17**	**5.73**	**5.87**	**6.04**	**6.34**	*5.85*	*5.66*	*5.88*	*6.27*	*5.80*	**5.86**	*6.03*	*5.91*
Mountain	**5.89**	**6.44**	**7.18**	**6.23**	**6.21**	**6.76**	**7.37**	*6.31*	*6.21*	*6.81*	*7.58*	*6.39*	**6.46**	*6.69*	*6.78*
Pacific	**7.41**	**8.14**	**8.93**	**8.22**	**7.96**	**8.30**	**9.60**	*8.77*	*7.77*	*8.38*	*9.36*	*8.56*	**8.20**	*8.68*	*8.55*
U.S. Average	**6.55**	**6.79**	**7.24**	**6.67**	**7.02**	**6.94**	**7.36**	*6.84*	*6.75*	*6.98*	*7.42*	*6.85*	**6.82**	*7.05*	*7.01*
All Sectors (a)															
New England	**14.43**	**14.18**	**14.40**	**14.92**	**15.85**	**15.05**	**15.20**	*15.62*	*16.18*	*15.84*	*16.06*	*15.95*	**14.48**	*15.44*	*16.02*
Middle Atlantic	**12.61**	**12.70**	**13.73**	**12.43**	**14.00**	**13.13**	**13.63**	*12.77*	*13.48*	*13.60*	*14.23*	*13.31*	**12.90**	*13.41*	*13.67*
E. N. Central	**9.11**	**9.40**	**9.59**	**9.21**	**9.53**	**9.72**	**9.93**	*9.50*	*9.60*	*9.82*	*10.15*	*9.59*	**9.33**	*9.67*	*9.80*
W. N. Central	**8.42**	**9.09**	**9.79**	**8.50**	**8.64**	**9.31**	**9.95**	*8.67*	*8.68*	*9.42*	*10.16*	*8.80*	**8.96**	*9.14*	*9.28*
S. Atlantic	**9.50**	**9.67**	**10.06**	**9.66**	**10.04**	**10.05**	**10.34**	*9.93*	*10.17*	*10.23*	*10.50*	*10.06*	**9.73**	*10.10*	*10.25*
E. S. Central	**8.42**	**8.68**	**9.15**	**8.53**	**9.05**	**9.22**	**9.46**	*8.73*	*9.15*	*9.32*	*9.57*	*8.86*	**8.71**	*9.12*	*9.24*
W. S. Central	**8.17**	**8.48**	**8.81**	**8.33**	**8.42**	**8.65**	**9.04**	*8.48*	*8.50*	*8.47*	*8.84*	*8.24*	**8.47**	*8.67*	*8.53*
Mountain	**8.54**	**9.20**	**9.89**	**8.91**	**8.87**	**9.56**	**10.16**	*9.15*	*9.03*	*9.75*	*10.43*	*9.34*	**9.18**	*9.48*	*9.69*
Pacific	**10.99**	**12.10**	**13.28**	**11.82**	**11.51**	**11.89**	**14.33**	*12.24*	*11.75*	*12.44*	*14.50*	*12.48*	**12.07**	*12.55*	*12.84*
U.S. Average	**9.72**	**10.05**	**10.58**	**9.91**	**10.26**	**10.34**	**10.91**	*10.17*	*10.31*	*10.51*	*11.07*	*10.29*	**10.08**	*10.44*	*10.56*

- = 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: EIA Regional Short-Term Energy Model.

Table 7d. U.S. Regional Electricity Generation, All Sectors (Thousand megawatthours per day)

U.S. Energy Information Administration | Short-Term Energy Outlook - December 2014

	2013				2014				2015				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2013	2014	2015
United States															
Coal	**4,367**	**4,077**	**4,747**	**4,187**	**4,873**	**4,037**	**4,628**	*4,171*	*4,640*	*3,988*	*4,814*	*4,200*	**4,345**	*4,426*	*4,410*
Natural Gas	**2,802**	**2,843**	**3,694**	**2,858**	**2,700**	**2,870**	**3,702**	*2,917*	*2,830*	*2,954*	*3,793*	*2,919*	**3,051**	*3,050*	*3,126*
Petroleum (a)	**74**	**73**	**81**	**66**	**147**	**63**	**65**	*69*	*78*	*69*	*75*	*67*	**74**	*86*	*72*
Other Gases	**32**	**33**	**36**	**33**	**28**	**29**	**35**	*35*	*29*	*30*	*37*	*36*	**34**	*32*	*33*
Nuclear	**2,176**	**2,044**	**2,257**	**2,168**	**2,201**	**2,060**	**2,289**	*2,120*	*2,144*	*2,074*	*2,206*	*2,055*	**2,162**	*2,168*	*2,120*
Renewable Energy Sources:															
Conventional Hydropower	**736**	**886**	**716**	**613**	**703**	**850**	**652**	*616*	*747*	*864*	*692*	*640*	**737**	*705*	*735*
Wind	**491**	**520**	**353**	**475**	**553**	**549**	**367**	*489*	*538*	*586*	*433*	*563*	**459**	*489*	*530*
Wood Biomass	**110**	**100**	**114**	**113**	**116**	**112**	**119**	*116*	*118*	*115*	*124*	*118*	**109**	*116*	*119*
Waste Biomass	**53**	**56**	**55**	**54**	**51**	**53**	**56**	*56*	*55*	*57*	*59*	*59*	**55**	*54*	*58*
Geothermal	**46**	**45**	**45**	**45**	**45**	**45**	**44**	*46*	*47*	*46*	*47*	*48*	**45**	*45*	*47*
Solar	**16**	**27**	**31**	**27**	**33**	**61**	**62**	*41*	*42*	*82*	*80*	*46*	**25**	*50*	*63*
Pumped Storage Hydropower	**-13**	**-11**	**-13**	**-12**	**-12**	**-17**	**-19**	*-13*	*-12*	*-11*	*-15*	*-13*	**-12**	*-15*	*-13*
Other Nonrenewable Fuels (b)	**33**	**34**	**36**	**33**	**31**	**33**	**35**	*33*	*33*	*35*	*36*	*34*	**34**	*33*	*34*
Total Generation	**10,925**	**10,727**	**12,153**	**10,661**	**11,470**	**10,746**	**12,036**	*10,696*	*11,288*	*10,889*	*12,381*	*10,771*	**11,118**	*11,237*	*11,334*
Northeast Census Region															
Coal	**330**	**276**	**287**	**238**	**359**	**250**	**214**	*208*	*339*	*202*	*263*	*234*	**283**	*257*	*260*
Natural Gas	**451**	**480**	**610**	**445**	**409**	**480**	**627**	*469*	*463*	*517*	*637*	*494*	**497**	*497*	*528*
Petroleum (a)	**12**	**4**	**8**	**6**	**55**	**2**	**3**	*6*	*7*	*4*	*6*	*4*	**7**	*16*	*5*
Other Gases	**2**	**2**	**2**	**2**	**2**	**2**	**1**	*2*	*2*	*2*	*2*	*2*	**2**	*2*	*2*
Nuclear	**561**	**489**	**543**	**533**	**542**	**471**	**539**	*516*	*490*	*474*	*504*	*468*	**532**	*517*	*484*
Hydropower (c)	**101**	**95**	**91**	**95**	**97**	**104**	**89**	*101*	*106*	*113*	*101*	*100*	**95**	*98*	*105*
Other Renewables (d)	**66**	**61**	**55**	**68**	**72**	**63**	**60**	*70*	*71*	*64*	*60*	*72*	**62**	*66*	*67*
Other Nonrenewable Fuels (b)	**12**	**13**	**13**	**12**	**11**	**12**	**13**	*12*	*11*	*12*	*12*	*12*	**12**	*12*	*12*
Total Generation	**1,535**	**1,421**	**1,609**	**1,399**	**1,547**	**1,384**	**1,545**	*1,383*	*1,491*	*1,388*	*1,585*	*1,386*	**1,491**	*1,464*	*1,463*
South Census Region															
Coal	**1,776**	**1,753**	**2,087**	**1,754**	**2,122**	**1,851**	**2,100**	*1,749*	*1,950*	*1,774*	*2,088*	*1,694*	**1,843**	*1,955*	*1,876*
Natural Gas	**1,599**	**1,673**	**2,049**	**1,590**	**1,538**	**1,722**	**2,083**	*1,608*	*1,630*	*1,784*	*2,163*	*1,654*	**1,729**	*1,739*	*1,809*
Petroleum (a)	**27**	**36**	**38**	**25**	**54**	**28**	**26**	*27*	*33*	*29*	*31*	*26*	**32**	*33*	*30*
Other Gases	**12**	**14**	**15**	**14**	**11**	**11**	**14**	*14*	*11*	*11*	*15*	*14*	**14**	*12*	*13*
Nuclear	**908**	**929**	**1,007**	**935**	**966**	**882**	**994**	*949*	*955*	*923*	*982*	*920*	**945**	*948*	*945*
Hydropower (c)	**150**	**147**	**134**	**116**	**146**	**103**	**75**	*120*	*157*	*113*	*89*	*120*	**137**	*111*	*119*
Other Renewables (d)	**218**	**239**	**181**	**215**	**239**	**254**	**201**	*236*	*253*	*278*	*232*	*277*	**213**	*232*	*260*
Other Nonrenewable Fuels (b)	**13**	**13**	**14**	**13**	**13**	**13**	**14**	*13*	*14*	*14*	*14*	*13*	**13**	*13*	*14*
Total Generation	**4,705**	**4,803**	**5,526**	**4,660**	**5,089**	**4,862**	**5,507**	*4,716*	*5,001*	*4,926*	*5,614*	*4,718*	**4,925**	*5,044*	*5,066*
Midwest Census Region															
Coal	**1,656**	**1,500**	**1,753**	**1,599**	**1,805**	**1,440**	**1,682**	*1,611*	*1,760*	*1,487*	*1,809*	*1,640*	**1,627**	*1,634*	*1,674*
Natural Gas	**197**	**186**	**244**	**176**	**194**	**179**	**206**	*190*	*173*	*175*	*227*	*160*	**201**	*192*	*184*
Petroleum (a)	**11**	**10**	**12**	**13**	**14**	**13**	**12**	*11*	*13*	*11*	*13*	*11*	**11**	*13*	*12*
Other Gases	**11**	**11**	**13**	**12**	**11**	**12**	**14**	*14*	*11*	*12*	*15*	*14*	**12**	*13*	*13*
Nuclear	**548**	**476**	**534**	**549**	**533**	**543**	**586**	*505*	*538*	*520*	*553*	*513*	**527**	*542*	*531*
Hydropower (c)	**30**	**41**	**35**	**26**	**30**	**42**	**41**	*29*	*33*	*47*	*47*	*28*	**33**	*36*	*39*
Other Renewables (d)	**216**	**199**	**141**	**221**	**251**	**213**	**147**	*224*	*240*	*231*	*167*	*251*	**194**	*209*	*222*
Other Nonrenewable Fuels (b)	**4**	**4**	**5**	**4**	**4**	**5**	**5**	*4*	*4*	*5*	*5*	*4*	**4**	*4*	*5*
Total Generation	**2,673**	**2,429**	**2,737**	**2,599**	**2,841**	**2,446**	**2,695**	*2,588*	*2,772*	*2,487*	*2,835*	*2,621*	**2,609**	*2,642*	*2,679*
West Census Region															
Coal	**605**	**547**	**620**	**596**	**587**	**497**	**632**	*603*	*591*	*525*	*653*	*633*	**592**	*580*	*601*
Natural Gas	**555**	**504**	**790**	**647**	**558**	**489**	**786**	*649*	*564*	*478*	*766*	*611*	**625**	*621*	*605*
Petroleum (a)	**24**	**23**	**23**	**23**	**24**	**21**	**24**	*25*	*25*	*25*	*26*	*26*	**23**	*23*	*25*
Other Gases	**6**	**6**	**6**	**6**	**5**	**5**	**6**	*6*	*5*	*5*	*6*	*6*	**6**	*5*	*5*
Nuclear	**159**	**150**	**173**	**152**	**160**	**164**	**170**	*149*	*162*	*156*	*166*	*154*	**158**	*161*	*160*
Hydropower (c)	**442**	**592**	**443**	**364**	**418**	**585**	**427**	*354*	*439*	*580*	*441*	*380*	**460**	*446*	*460*
Other Renewables (d)	**217**	**249**	**222**	**210**	**236**	**290**	**240**	*219*	*235*	*314*	*284*	*233*	**225**	*246*	*266*
Other Nonrenewable Fuels (b)	**4**	**3**	**4**	**4**	**4**	**3**	**4**	*4*	*4*	*4*	*4*	*4*	**4**	*4*	*4*
Total Generation	**2,013**	**2,075**	**2,281**	**2,003**	**1,992**	**2,054**	**2,289**	*2,009*	*2,024*	*2,087*	*2,347*	*2,046*	**2,093**	*2,087*	*2,127*

(a) Residual fuel oil, distillate fuel oil, petroleum coke, and other petroleum liquids.

(b) Batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, nonrenewable waste, and miscellaneous technologies.

(c) Conventional hydroelectric and pumped storage generation.

(d) Wind, biomass, geothermal, and solar generation.

Notes: Data reflect generation supplied by electricity-only and combined-heat-and-power (CHP) plants operated by electric utilities, independent power producers, and the commercial and industrial sectors. 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. Energy Information Administration *Electric Power Monthly* and *Electric Power Annual.*

Projections: EIA Regional Short-Term Energy Model.

Table 7e. U.S. Regional Fuel Consumption for Electricity Generation, All Sectors

U.S. Energy Information Administration | Short-Term Energy Outlook - December 2014

	2013				2014				2015				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2013	2014	2015
Fuel Consumption for Electricity Generation, All Sectors															
United States															
Coal (thousand st/d)	**2,361**	**2,207**	**2,586**	**2,278**	**2,582**	**2,169**	**2,523**	*2,273*	*2,484*	*2,143*	*2,597*	*2,277*	**2,358**	*2,387*	*2,375*
Natural Gas (million cf/d)	**20,952**	**21,902**	**28,751**	**21,615**	**20,530**	**21,903**	**28,161**	*21,647*	*21,059*	*22,693*	*29,257*	*21,757*	**23,322**	*23,077*	*23,709*
Petroleum (thousand b/d)	**128**	**127**	**144**	**119**	**258**	**110**	**114**	*124*	*140*	*122*	*132*	*121*	**129**	*151*	*129*
Residual Fuel Oil	**38**	**28**	**36**	**30**	**86**	**24**	**30**	*32*	*28*	*27*	*29*	*26*	**33**	*43*	*27*
Distillate Fuel Oil	**26**	**24**	**27**	**26**	**85**	**23**	**22**	*31*	*35*	*27*	*29*	*29*	**25**	*40*	*30*
Petroleum Coke (a)	**59**	**72**	**78**	**60**	**70**	**61**	**59**	*56*	*69*	*64*	*68*	*62*	**67**	*61*	*66*
Other Petroleum Liquids (b)	**5**	**3**	**4**	**4**	**17**	**2**	**3**	*4*	*8*	*5*	*5*	*5*	**4**	*7*	*6*
Northeast Census Region															
Coal (thousand st/d)	**149**	**125**	**132**	**108**	**164**	**116**	**105**	*99*	*157*	*95*	*124*	*110*	**128**	*121*	*121*
Natural Gas (million cf/d)	**3,415**	**3,668**	**4,716**	**3,352**	**3,153**	**3,659**	**4,877**	*3,546*	*3,517*	*3,995*	*4,998*	*3,741*	**3,790**	*3,813*	*4,066*
Petroleum (thousand b/d)	**20**	**7**	**15**	**11**	**92**	**4**	**6**	*10*	*13*	*7*	*10*	*8*	**13**	*28*	*10*
South Census Region															
Coal (thousand st/d)	**940**	**937**	**1,119**	**933**	**1,084**	**969**	**1,116**	*928*	*1,008*	*925*	*1,091*	*891*	**983**	*1,024*	*979*
Natural Gas (million cf/d)	**11,919**	**12,884**	**16,050**	**12,043**	**11,689**	**13,113**	**15,773**	*11,854*	*12,061*	*13,661*	*16,643*	*12,276*	**13,232**	*13,115*	*13,669*
Petroleum (thousand b/d)	**52**	**67**	**72**	**47**	**103**	**52**	**49**	*52*	*65*	*55*	*59*	*50*	**60**	*64*	*57*
Midwest Census Region															
Coal (thousand st/d)	**933**	**842**	**989**	**902**	**1,006**	**811**	**952**	*907*	*987*	*832*	*1,018*	*921*	**917**	*919*	*940*
Natural Gas (million cf/d)	**1,530**	**1,518**	**2,064**	**1,441**	**1,587**	**1,441**	**1,673**	*1,525*	*1,371*	*1,440*	*1,895*	*1,285*	**1,639**	*1,557*	*1,499*
Petroleum (thousand b/d)	**20**	**17**	**20**	**23**	**27**	**23**	**22**	*22*	*23*	*20*	*22*	*22*	**20**	*24*	*22*
West Census Region															
Coal (thousand st/d)	**340**	**302**	**346**	**335**	**328**	**274**	**351**	*340*	*332*	*290*	*363*	*355*	**331**	*323*	*335*
Natural Gas (million cf/d)	**4,089**	**3,832**	**5,922**	**4,779**	**4,101**	**3,690**	**5,838**	*4,721*	*4,110*	*3,597*	*5,722*	*4,456*	**4,661**	*4,593*	*4,476*
Petroleum (thousand b/d)	**37**	**35**	**36**	**37**	**37**	**31**	**37**	*39*	*39*	*39*	*42*	*41*	**36**	*36*	*40*
End-of-period U.S. Fuel Inventories Held by Electric Power Sector															
Coal (million short tons)	**171.5**	**170.5**	**152.2**	**148.0**	**118.0**	**132.9**	**124.2**	*129.2*	*131.2*	*139.5*	*125.8*	*131.3*	**148.0**	*129.2*	*131.3*
Residual Fuel Oil (mmb)	**12.9**	**12.1**	**12.2**	**12.9**	**10.5**	**10.7**	**10.5**	*10.9*	*11.3*	*11.6*	*11.7*	*11.9*	**12.9**	*10.9*	*11.9*
Distillate Fuel Oil (mmb)	**16.2**	**15.9**	**15.5**	**15.7**	**15.4**	**15.6**	**15.7**	*15.9*	*16.0*	*15.8*	*15.7*	*15.9*	**15.7**	*15.9*	*15.9*
Petroleum Coke (mmb)	**2.0**	**2.0**	**1.5**	**1.9**	**1.7**	**2.0**	**1.9**	*2.2*	*2.3*	*2.4*	*2.5*	*2.5*	**1.9**	*2.2*	*2.5*

(a) Petroleum coke consumption converted from short tons to barrels by multiplying by five.

(b) Other petroleum liquids include jet fuel, kerosene, and waste oil.

Notes: Data reflect generation supplied by electricity-only and combined-heat-and-power (CHP) plants operated by electric utilities, independent power producers, and the commercial and industrial sectors. Data include fuel consumed only for generation of electricity. Values do not include consumption by CHP plants for useful thermal output.

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

Physical Units: st/d = short tons per day; b/d = barrels per day; cf/d = cubic feet per day; mmb = million barrels.

Historical data: Latest data available from U.S. Energy Information Administration *Electric Power Monthly* and *Electric Power Annual.*

Projections: EIA Regional Short-Term Energy Model.

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

U.S. Energy Information Administration | Short-Term Energy Outlook - December 2014

	2013				2014				2015				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2013	2014	2015
Electric Power Sector															
Hydroelectric Power (a)	**0.621**	**0.759**	**0.619**	**0.529**	**0.595**	**0.731**	**0.565**	*0.532*	*0.632*	*0.743*	*0.600*	*0.553*	**2.529**	*2.422*	*2.528*
Wood Biomass (b)	**0.049**	**0.045**	**0.056**	**0.056**	**0.065**	**0.059**	**0.064**	*0.063*	*0.065*	*0.059*	*0.073*	*0.066*	**0.207**	*0.251*	*0.264*
Waste Biomass (c)	**0.062**	**0.065**	**0.065**	**0.067**	**0.061**	**0.062**	**0.066**	*0.068*	*0.065*	*0.069*	*0.072*	*0.070*	**0.258**	*0.257*	*0.276*
Wind	**0.420**	**0.450**	**0.309**	**0.416**	**0.473**	**0.475**	**0.321**	*0.428*	*0.460*	*0.507*	*0.379*	*0.492*	**1.595**	*1.697*	*1.839*
Geothermal	**0.040**	**0.039**	**0.039**	**0.039**	**0.038**	**0.039**	**0.039**	*0.040*	*0.040*	*0.040*	*0.041*	*0.042*	**0.157**	*0.156*	*0.163*
Solar	**0.013**	**0.023**	**0.026**	**0.023**	**0.028**	**0.051**	**0.053**	*0.036*	*0.035*	*0.070*	*0.069*	*0.039*	**0.085**	*0.168*	*0.213*
Subtotal	**1.206**	**1.380**	**1.115**	**1.130**	**1.260**	**1.417**	**1.109**	*1.167*	*1.299*	*1.488*	*1.234*	*1.263*	**4.831**	*4.953*	*5.283*
Industrial Sector															
Hydroelectric Power (a)	**0.009**	**0.008**	**0.007**	**0.007**	**0.008**	**0.005**	**0.006**	*0.007*	*0.006*	*0.006*	*0.006*	*0.006*	**0.032**	*0.025*	*0.024*
Wood Biomass (b)	**0.318**	**0.310**	**0.328**	**0.324**	**0.305**	**0.317**	**0.326**	*0.312*	*0.296*	*0.290*	*0.304*	*0.308*	**1.281**	*1.260*	*1.198*
Waste Biomass (c)	**0.042**	**0.042**	**0.043**	**0.044**	**0.042**	**0.042**	**0.043**	*0.044*	*0.042*	*0.040*	*0.043*	*0.044*	**0.171**	*0.170*	*0.168*
Geothermal	**0.001**	**0.001**	**0.001**	**0.001**	**0.001**	**0.001**	**0.001**	*0.001*	*0.001*	*0.001*	*0.001*	*0.001*	**0.004**	*0.004*	*0.004*
Biofuel Losses and Co-products (f)	**0.171**	**0.187**	**0.185**	**0.201**	**0.193**	**0.201**	**0.201**	*0.202*	*0.198*	*0.198*	*0.201*	*0.201*	**0.744**	*0.798*	*0.798*
Subtotal	**0.546**	**0.553**	**0.569**	**0.581**	**0.552**	**0.571**	**0.582**	*0.570*	*0.547*	*0.539*	*0.559*	*0.564*	**2.248**	*2.274*	*2.209*
Commercial Sector															
Wood Biomass (b)	**0.017**	**0.017**	**0.018**	**0.018**	**0.018**	**0.018**	**0.019**	*0.021*	*0.020*	*0.019*	*0.021*	*0.021*	**0.070**	*0.074*	*0.082*
Waste Biomass (c)	**0.012**	**0.011**	**0.011**	**0.012**	**0.011**	**0.011**	**0.012**	*0.012*	*0.011*	*0.011*	*0.012*	*0.012*	**0.046**	*0.046*	*0.045*
Geothermal	**0.005**	**0.005**	**0.005**	**0.005**	**0.005**	**0.005**	**0.005**	*0.005*	*0.005*	*0.005*	*0.005*	*0.005*	**0.020**	*0.020*	*0.020*
Subtotal	**0.036**	**0.035**	**0.036**	**0.036**	**0.035**	**0.036**	**0.037**	*0.038*	*0.038*	*0.036*	*0.038*	*0.039*	**0.143**	*0.146*	*0.150*
Residential Sector															
Wood Biomass (b)	**0.143**	**0.145**	**0.146**	**0.146**	**0.143**	**0.145**	**0.146**	*0.146*	*0.141*	*0.142*	*0.144*	*0.144*	**0.580**	*0.580*	*0.571*
Geothermal	**0.010**	**0.010**	**0.010**	**0.010**	**0.010**	**0.010**	**0.010**	*0.010*	*0.010*	*0.010*	*0.010*	*0.010*	**0.040**	*0.040*	*0.040*
Solar (d)	**0.054**	**0.055**	**0.055**	**0.055**	**0.062**	**0.063**	**0.063**	*0.063*	*0.075*	*0.076*	*0.076*	*0.076*	**0.219**	*0.252*	*0.303*
Subtotal	**0.207**	**0.209**	**0.211**	**0.211**	**0.215**	**0.217**	**0.220**	*0.220*	*0.226*	*0.228*	*0.230*	*0.230*	**0.839**	*0.871*	*0.914*
Transportation Sector															
Ethanol (e)	**0.256**	**0.282**	**0.280**	**0.282**	**0.263**	**0.284**	**0.282**	*0.273*	*0.264*	*0.276*	*0.276*	*0.272*	**1.100**	*1.102*	*1.087*
Biodiesel (e)	**0.033**	**0.046**	**0.056**	**0.071**	**0.040**	**0.048**	**0.055**	*0.051*	*0.047*	*0.049*	*0.050*	*0.051*	**0.205**	*0.195*	*0.196*
Subtotal	**0.288**	**0.328**	**0.336**	**0.353**	**0.303**	**0.332**	**0.334**	*0.324*	*0.310*	*0.325*	*0.325*	*0.323*	**1.306**	*1.293*	*1.283*
All Sectors Total															
Hydroelectric Power (a)	**0.631**	**0.767**	**0.627**	**0.536**	**0.602**	**0.736**	**0.571**	*0.538*	*0.638*	*0.749*	*0.606*	*0.560*	**2.561**	*2.448*	*2.553*
Wood Biomass (b)	**0.528**	**0.517**	**0.549**	**0.544**	**0.530**	**0.539**	**0.555**	*0.542*	*0.523*	*0.512*	*0.541*	*0.539*	**2.138**	*2.166*	*2.115*
Waste Biomass (c)	**0.117**	**0.118**	**0.119**	**0.123**	**0.114**	**0.115**	**0.121**	*0.124*	*0.119*	*0.119*	*0.127*	*0.126*	**0.476**	*0.474*	*0.490*
Wind	**0.420**	**0.450**	**0.309**	**0.416**	**0.473**	**0.475**	**0.321**	*0.428*	*0.460*	*0.507*	*0.379*	*0.492*	**1.595**	*1.697*	*1.839*
Geothermal	**0.055**	**0.055**	**0.055**	**0.055**	**0.054**	**0.055**	**0.055**	*0.056*	*0.056*	*0.056*	*0.057*	*0.058*	**0.221**	*0.220*	*0.227*
Solar	**0.068**	**0.078**	**0.082**	**0.079**	**0.091**	**0.116**	**0.116**	*0.100*	*0.111*	*0.146*	*0.146*	*0.117*	**0.307**	*0.422*	*0.521*
Ethanol (e)	**0.254**	**0.280**	**0.277**	**0.280**	**0.260**	**0.281**	**0.282**	*0.284*	*0.268*	*0.281*	*0.281*	*0.276*	**1.090**	*1.107*	*1.107*
Biodiesel (e)	**0.033**	**0.046**	**0.056**	**0.071**	**0.040**	**0.048**	**0.055**	*0.051*	*0.047*	*0.049*	*0.050*	*0.051*	**0.205**	*0.195*	*0.196*
Biofuel Losses and Co-products (f)	**0.171**	**0.187**	**0.185**	**0.201**	**0.193**	**0.201**	**0.201**	*0.202*	*0.198*	*0.198*	*0.201*	*0.201*	**0.744**	*0.798*	*0.798*
Total Consumption	**2.279**	**2.501**	**2.263**	**2.308**	**2.361**	**2.569**	**2.277**	*2.314*	*2.419*	*2.616*	*2.386*	*2.419*	**9.351**	*9.521*	*9.840*

- = no data available

(a) Conventional hydroelectric power only. Hydroelectricity generated by pumped storage is not included in renewable energy.

(b) Wood and wood-derived fuels.

(c) Municipal solid waste from biogenic sources, landfill gas, sludge waste, agricultural byproducts, and other biomass.

(d) Includes small-scale solar thermal and photovoltaic energy used in the commercial, industrial, and electric power sectors.

(e) 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 sector in

(f) Losses and co-products from the production of fuel ethanol and biodiesel

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: EIA Regional Short-Term Energy Model.

Table 9a. U.S. Macroeconomic Indicators and CC_2 Emissions

U.S. Energy Information Administration | Short-Term Energy Outlook - December 2014

	2013				2014				2015				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2013	2014	2015
Macroeconomic															
Real Gross Domestic Product															
(billion chained 2009 dollars - SAAR)	**15,538**	**15,607**	**15,780**	**15,916**	**15,832**	**16,010**	**16,151**	*16,215*	*16,296*	*16,382*	*16,489*	*16,576*	**15,710**	*16,052*	*16,436*
Real Personal Consumption Expend.															
(billion chained 2009 dollars - SAAR)	**10,614**	**10,660**	**10,713**	**10,811**	**10,844**	**10,913**	**10,961**	*11,035*	*11,102*	*11,174*	*11,247*	*11,317*	**10,700**	*10,938*	*11,210*
Real Fixed Investment															
(billion chained 2009 dollars - SAAR)	**2,428**	**2,457**	**2,497**	**2,535**	**2,536**	**2,595**	**2,625**	*2,651*	*2,686*	*2,717*	*2,761*	*2,793*	**2,479**	*2,601*	*2,739*
Business Inventory Change															
(billion chained 2009 dollars - SAAR)	**44**	**51**	**111**	**91**	**40**	**100**	**72**	*77*	*57*	*43*	*40*	*42*	**74**	*72*	*45*
Real Government Expenditures															
(billion chained 2009 dollars - SAAR)	**2,900**	**2,901**	**2,902**	**2,875**	**2,869**	**2,881**	**2,913**	*2,892*	*2,894*	*2,894*	*2,894*	*2,899*	**2,894**	*2,889*	*2,895*
Real Exports of Goods & Services															
(billion chained 2009 dollars - SAAR)	**1,972**	**2,003**	**2,028**	**2,077**	**2,027**	**2,081**	**2,120**	*2,114*	*2,117*	*2,134*	*2,155*	*2,173*	**2,020**	*2,085*	*2,145*
Real Imports of Goods & Services															
(billion chained 2009 dollars - SAAR)	**2,399**	**2,449**	**2,452**	**2,460**	**2,474**	**2,541**	**2,530**	*2,543*	*2,550*	*2,571*	*2,599*	*2,635*	**2,440**	*2,522*	*2,589*
Real Disposable Personal Income															
(billion chained 2009 dollars - SAAR)	**11,539**	**11,647**	**11,706**	**11,712**	**11,810**	**11,937**	**12,016**	*12,084*	*12,147*	*12,206*	*12,284*	*12,360*	**11,651**	*11,962*	*12,249*
Non-Farm Employment															
(millions)	**135.5**	**136.1**	**136.6**	**137.2**	**137.8**	**138.5**	**139.2**	*139.9*	*140.5*	*141.1*	*141.6*	*142.0*	**136.4**	*138.8*	*141.3*
Civilian Unemployment Rate															
(percent)	**7.7**	**7.5**	**7.2**	**7.0**	**6.7**	**6.2**	**6.1**	*5.8*	*5.8*	*5.7*	*5.7*	*5.7*	**7.4**	*6.2*	*5.7*
Housing Starts															
(millions - SAAR)	**0.95**	**0.86**	**0.88**	**1.03**	**0.93**	**0.99**	**1.02**	*1.06*	*1.09*	*1.14*	*1.19*	*1.23*	**0.93**	*1.00*	*1.16*
Industrial Production Indices (Index, 2007=100)															
Total Industrial Production	**99.0**	**99.4**	**100.1**	**101.3**	**102.2**	**103.6**	**104.4**	*105.4*	*105.5*	*105.9*	*106.6*	*107.4*	**99.9**	*103.9*	*106.3*
Manufacturing	**97.1**	**97.5**	**97.9**	**99.0**	**99.4**	**101.1**	**102.1**	*102.8*	*102.9*	*103.4*	*104.2*	*105.1*	**97.9**	*101.4*	*103.9*
Food	**104.0**	**104.2**	**104.3**	**105.2**	**106.1**	**106.6**	**105.5**	*106.1*	*106.6*	*107.2*	*107.8*	*108.4*	**104.5**	*106.0*	*107.5*
Paper	**85.3**	**85.6**	**85.1**	**83.9**	**82.4**	**83.3**	**82.7**	*83.2*	*83.3*	*83.7*	*84.2*	*84.7*	**85.0**	*82.9*	*84.0*
Petroleum and Coal Products	**96.6**	**95.5**	**96.2**	**96.7**	**97.7**	**98.2**	**98.9**	*98.8*	*98.7*	*98.7*	*98.9*	*99.3*	**96.2**	*98.4*	*98.9*
Chemicals	**87.1**	**87.8**	**87.5**	**87.7**	**87.7**	**88.4**	**89.6**	*90.3*	*90.7*	*91.3*	*92.0*	*92.6*	**87.5**	*89.0*	*91.7*
Nonmetallic Mineral Products	**73.5**	**73.4**	**74.3**	**74.7**	**75.5**	**77.4**	**79.9**	*80.4*	*81.1*	*82.1*	*83.5*	*84.9*	**74.0**	*78.3*	*82.9*
Primary Metals	**99.7**	**99.4**	**100.8**	**103.1**	**101.9**	**105.7**	**108.0**	*108.1*	*107.9*	*109.1*	*110.6*	*112.5*	**100.8**	*105.9*	*110.0*
Coal-weighted Manufacturing (a)	**91.0**	**90.9**	**91.3**	**92.0**	**91.8**	**93.5**	**94.5**	*94.8*	*94.9*	*95.7*	*96.7*	*97.7*	**91.3**	*93.6*	*96.3*
Distillate-weighted Manufacturing (a)	**90.5**	**90.3**	**91.1**	**92.2**	**92.3**	**93.8**	**94.9**	*95.2*	*95.5*	*96.2*	*97.1*	*98.2*	**91.0**	*94.0*	*96.8*
Electricity-weighted Manufacturing (a)	**95.4**	**95.6**	**96.2**	**97.2**	**97.1**	**99.0**	**99.9**	*100.4*	*100.6*	*101.4*	*102.5*	*103.7*	**96.1**	*99.1*	*102.1*
Natural Gas-weighted Manufacturing (a)	**92.5**	**92.6**	**93.0**	**93.9**	**93.6**	**94.5**	**95.1**	*95.5*	*95.6*	*96.3*	*97.2*	*98.1*	**93.0**	*94.7*	*96.8*
Price Indexes															
Consumer Price Index (all urban consumers)															
(index, 1982-1984=1.00)	**2.32**	**2.32**	**2.33**	**2.34**	**2.35**	**2.37**	**2.38**	*2.38*	*2.39*	*2.40*	*2.41*	*2.42*	**2.33**	*2.37*	*2.41*
Producer Price Index: All Commodities															
(index, 1982=1.00)	**2.04**	**2.03**	**2.04**	**2.03**	**2.06**	**2.07**	**2.07**	*2.06*	*2.04*	*2.04*	*2.05*	*2.06*	**2.03**	*2.06*	*2.05*
Producer Price Index: Petroleum															
(index, 1982=1.00)	**3.01**	**2.96**	**2.99**	**2.83**	**2.88**	**2.99**	**2.90**	*2.34*	*1.97*	*1.97*	*2.08*	*2.06*	**2.95**	*2.78*	*2.02*
GDP Implicit Price Deflator															
(index, 2009=100)	**106.2**	**106.5**	**106.9**	**107.3**	**107.7**	**108.3**	**108.6**	*109.2*	*109.8*	*110.2*	*110.6*	*111.3*	**106.7**	*108.4*	*110.5*
Miscellaneous															
Vehicle Miles Traveled (b)															
(million miles/day)	**7,664**	**8,459**	**8,375**	**7,995**	**7,615**	**8,573**	**8,491**	*8,144*	*7,789*	*8,646*	*8,555*	*8,196*	**8,125**	*8,208*	*8,298*
Air Travel Capacity															
(Available ton-miles/day, thousands)	**507**	**536**	**542**	**516**	**503**	**545**	**559**	*531*	*510*	*552*	*567*	*535*	**526**	*535*	*541*
Aircraft Utilization															
(Revenue ton-miles/day, thousands)	**309**	**337**	**342**	**322**	**310**	**345**	**352**	*331*	*314*	*349*	*356*	*335*	**328**	*335*	*339*
Airline Ticket Price Index															
(index, 1982-1984=100)	**310.4**	**323.5**	**307.0**	**309.9**	**297.3**	**334.3**	**301.0**	*303.7*	*305.4*	*311.3*	*297.1*	*300.8*	**312.7**	*309.1*	*303.6*
Raw Steel Production															
(million short tons per day)	**0.259**	**0.267**	**0.267**	**0.260**	**0.262**	**0.263**	**0.271**	*0.265*	*0.268*	*0.280*	*0.269*	*0.262*	**0.263**	*0.265*	*0.270*
Carbon Dioxide (CO_2) Emissions (million metric tons)															
Petroleum	**550**	**563**	**581**	**578**	**557**	**568**	**580**	*576*	*557*	*572*	*584*	*578*	**2,272**	*2,280*	*2,290*
Natural Gas	**427**	**292**	**300**	**380**	**460**	**298**	**305**	*380*	*437*	*305*	*314*	*378*	**1,399**	*1,444*	*1,434*
Coal	**427**	**403**	**471**	**421**	**460**	**395**	**464**	*419*	*446*	*393*	*475*	*423*	**1,722**	*1,738*	*1,737*
Total Fossil Fuels	**1,403**	**1,259**	**1,353**	**1,379**	**1,477**	**1,261**	**1,349**	*1,375*	*1,440*	*1,270*	*1,372*	*1,378*	**5,393**	*5,462*	*5,460*

- = no data available

SAAR = Seasonally-adjusted annual rate

(a) Fuel share weights of individual sector indices based on EIA *Manufacturing Energy Consumption Survey* .

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

Table 9b. U.S. Regional Macroeconomic Data

U.S. Energy Information Administration | Short-Term Energy Outlook - December 2014

	2013				2014				2015				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2013	2014	2015
Real Gross State Product (Billion $2009)															
New England	**848**	**847**	**858**	**863**	**858**	**865**	**872**	*873*	*876*	*880*	*885*	*888*	**854**	*867*	*882*
Middle Atlantic	**2,329**	**2,352**	**2,365**	**2,381**	**2,365**	**2,386**	**2,401**	*2,401*	*2,409*	*2,420*	*2,435*	*2,447*	**2,357**	*2,388*	*2,428*
E. N. Central	**2,168**	**2,173**	**2,180**	**2,199**	**2,186**	**2,207**	**2,222**	*2,226*	*2,233*	*2,242*	*2,254*	*2,264*	**2,180**	*2,210*	*2,248*
W. N. Central	**1,019**	**1,017**	**1,031**	**1,038**	**1,031**	**1,042**	**1,051**	*1,055*	*1,060*	*1,065*	*1,072*	*1,078*	**1,026**	*1,045*	*1,069*
S. Atlantic	**2,770**	**2,771**	**2,792**	**2,820**	**2,807**	**2,841**	**2,863**	*2,873*	*2,888*	*2,905*	*2,926*	*2,942*	**2,788**	*2,846*	*2,915*
E. S. Central	**720**	**718**	**726**	**730**	**724**	**732**	**740**	*742*	*745*	*749*	*754*	*758*	**723**	*735*	*751*
W. S. Central	**1,872**	**1,888**	**1,915**	**1,938**	**1,936**	**1,966**	**1,991**	*2,014*	*2,030*	*2,043*	*2,056*	*2,069*	**1,903**	*1,977*	*2,050*
Mountain	**1,005**	**1,013**	**1,022**	**1,034**	**1,028**	**1,041**	**1,052**	*1,058*	*1,065*	*1,071*	*1,079*	*1,085*	**1,019**	*1,045*	*1,075*
Pacific	**2,733**	**2,753**	**2,814**	**2,838**	**2,821**	**2,855**	**2,883**	*2,896*	*2,912*	*2,929*	*2,950*	*2,967*	**2,785**	*2,864*	*2,940*
Industrial Output, Manufacturing (Index, Year 2007=100)															
New England	**95.3**	**95.5**	**95.6**	**96.2**	**96.6**	**98.1**	**98.6**	*99.0*	*98.9*	*99.2*	*99.8*	*100.5*	**95.7**	*98.1*	*99.6*
Middle Atlantic	**93.2**	**93.3**	**93.4**	**94.1**	**94.1**	**94.9**	**95.2**	*95.7*	*95.6*	*96.0*	*96.7*	*97.5*	**93.5**	*95.0*	*96.5*
E. N. Central	**98.5**	**98.8**	**99.3**	**100.9**	**101.6**	**103.1**	**104.5**	*105.3*	*105.5*	*106.2*	*107.1*	*108.0*	**99.4**	*103.6*	*106.7*
W. N. Central	**100.2**	**100.6**	**100.9**	**102.3**	**102.8**	**104.7**	**105.7**	*106.3*	*106.4*	*107.0*	*107.8*	*108.8*	**101.0**	*104.9*	*107.5*
S. Atlantic	**92.7**	**93.0**	**93.5**	**94.6**	**94.9**	**96.7**	**97.7**	*98.4*	*98.3*	*98.7*	*99.3*	*100.1*	**93.4**	*96.9*	*99.1*
E. S. Central	**94.6**	**95.0**	**95.7**	**96.8**	**97.0**	**98.8**	**100.6**	*101.3*	*101.5*	*102.1*	*102.9*	*103.8*	**95.5**	*99.4*	*102.6*
W. S. Central	**102.1**	**102.3**	**102.6**	**104.0**	**104.7**	**106.8**	**108.1**	*108.9*	*109.2*	*109.8*	*110.7*	*111.8*	**102.8**	*107.1*	*110.3*
Mountain	**98.7**	**99.2**	**99.7**	**100.9**	**101.5**	**103.7**	**104.4**	*105.2*	*105.3*	*105.9*	*106.8*	*107.9*	**99.6**	*103.7*	*106.5*
Pacific	**98.0**	**98.5**	**98.9**	**99.9**	**100.0**	**101.5**	**102.2**	*102.8*	*102.8*	*103.1*	*103.8*	*104.6*	**98.8**	*101.6*	*103.6*
Real Personal Income (Billion $2009)															
New England	**741**	**747**	**749**	**751**	**759**	**765**	**770**	*774*	*780*	*784*	*788*	*792*	**747**	*767*	*786*
Middle Atlantic	**1,987**	**2,010**	**2,014**	**2,020**	**2,036**	**2,050**	**2,064**	*2,076*	*2,090*	*2,098*	*2,108*	*2,123*	**2,008**	*2,056*	*2,105*
E. N. Central	**1,825**	**1,838**	**1,839**	**1,840**	**1,852**	**1,871**	**1,883**	*1,892*	*1,903*	*1,914*	*1,924*	*1,934*	**1,836**	*1,874*	*1,919*
W. N. Central	**868**	**871**	**877**	**873**	**873**	**885**	**891**	*898*	*904*	*909*	*916*	*923*	**872**	*886*	*913*
S. Atlantic	**2,424**	**2,444**	**2,449**	**2,454**	**2,475**	**2,498**	**2,516**	*2,534*	*2,555*	*2,572*	*2,589*	*2,607*	**2,443**	*2,506*	*2,581*
E. S. Central	**643**	**646**	**650**	**648**	**653**	**658**	**663**	*668*	*673*	*677*	*681*	*685*	**647**	*660*	*679*
W. S. Central	**1,493**	**1,510**	**1,519**	**1,521**	**1,545**	**1,565**	**1,580**	*1,593*	*1,607*	*1,619*	*1,632*	*1,645*	**1,511**	*1,571*	*1,626*
Mountain	**840**	**850**	**854**	**856**	**867**	**876**	**883**	*890*	*897*	*904*	*911*	*917*	**850**	*879*	*907*
Pacific	**2,243**	**2,276**	**2,295**	**2,308**	**2,328**	**2,349**	**2,364**	*2,382*	*2,400*	*2,417*	*2,434*	*2,452*	**2,281**	*2,356*	*2,426*
Households (Thousands)															
New England	**5,768**	**5,768**	**5,766**	**5,763**	**5,759**	**5,763**	**5,764**	*5,768*	*5,769*	*5,773*	*5,780*	*5,787*	**5,763**	*5,768*	*5,787*
Middle Atlantic	**15,846**	**15,848**	**15,842**	**15,831**	**15,818**	**15,826**	**15,826**	*15,832*	*15,834*	*15,840*	*15,854*	*15,870*	**15,831**	*15,832*	*15,870*
E. N. Central	**18,488**	**18,523**	**18,541**	**18,544**	**18,538**	**18,549**	**18,542**	*18,540*	*18,535*	*18,539*	*18,552*	*18,570*	**18,544**	*18,540*	*18,570*
W. N. Central	**8,355**	**8,372**	**8,384**	**8,391**	**8,396**	**8,410**	**8,417**	*8,428*	*8,438*	*8,450*	*8,465*	*8,482*	**8,391**	*8,428*	*8,482*
S. Atlantic	**24,018**	**24,066**	**24,100**	**24,126**	**24,149**	**24,204**	**24,244**	*24,299*	*24,351*	*24,411*	*24,485*	*24,565*	**24,126**	*24,299*	*24,565*
E. S. Central	**7,435**	**7,440**	**7,440**	**7,436**	**7,431**	**7,434**	**7,432**	*7,434*	*7,435*	*7,439*	*7,448*	*7,458*	**7,436**	*7,434*	*7,458*
W. S. Central	**13,920**	**13,969**	**14,007**	**14,036**	**14,060**	**14,098**	**14,125**	*14,159*	*14,190*	*14,227*	*14,270*	*14,315*	**14,036**	*14,159*	*14,315*
Mountain	**8,541**	**8,552**	**8,561**	**8,569**	**8,578**	**8,600**	**8,620**	*8,644*	*8,666*	*8,692*	*8,721*	*8,753*	**8,569**	*8,644*	*8,753*
Pacific	**18,005**	**18,053**	**18,089**	**18,117**	**18,140**	**18,186**	**18,219**	*18,262*	*18,299*	*18,342*	*18,392*	*18,441*	**18,117**	*18,262*	*18,441*
Total Non-farm Employment (Millions)															
New England	**7.0**	**7.0**	**7.0**	**7.0**	**7.1**	**7.1**	**7.1**	*7.1*	*7.2*	*7.2*	*7.2*	*7.2*	**7.0**	*7.1*	*7.2*
Middle Atlantic	**18.5**	**18.5**	**18.6**	**18.6**	**18.6**	**18.7**	**18.8**	*18.8*	*18.9*	*18.9*	*19.0*	*19.0*	**18.5**	*18.7*	*18.9*
E. N. Central	**20.8**	**20.8**	**20.9**	**21.0**	**21.0**	**21.0**	**21.1**	*21.2*	*21.3*	*21.3*	*21.4*	*21.4*	**20.8**	*21.1*	*21.4*
W. N. Central	**10.2**	**10.2**	**10.2**	**10.3**	**10.3**	**10.4**	**10.4**	*10.5*	*10.5*	*10.5*	*10.6*	*10.6*	**10.2**	*10.4*	*10.6*
S. Atlantic	**25.6**	**25.7**	**25.8**	**26.0**	**26.1**	**26.2**	**26.4**	*26.5*	*26.6*	*26.8*	*26.9*	*27.0*	**25.8**	*26.3*	*26.8*
E. S. Central	**7.5**	**7.6**	**7.6**	**7.6**	**7.6**	**7.7**	**7.7**	*7.8*	*7.8*	*7.8*	*7.8*	*7.9*	**7.6**	*7.7*	*7.8*
W. S. Central	**15.8**	**15.9**	**15.9**	**16.0**	**16.2**	**16.3**	**16.5**	*16.6*	*16.7*	*16.7*	*16.8*	*16.9*	**15.9**	*16.4*	*16.8*
Mountain	**9.4**	**9.5**	**9.5**	**9.6**	**9.7**	**9.7**	**9.8**	*9.9*	*9.9*	*10.0*	*10.0*	*10.1*	**9.5**	*9.8*	*10.0*
Pacific	**20.5**	**20.6**	**20.8**	**20.9**	**21.0**	**21.1**	**21.2**	*21.4*	*21.5*	*21.6*	*21.6*	*21.7*	**20.7**	*21.2*	*21.6*

- = no data available

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

Regions refer to U.S. Census divisions.

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

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

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

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

Table 9c. U.S. Regional Weather Data

U.S. Energy Information Administration | Short-Term Energy Outlook - December 2014

	2013				2014				2015				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2013	2014	2015
Heating Degree Days															
New England	**3,118**	**845**	**167**	**2,297**	**3,563**	**885**	**146**	*2,182*	*3,176*	*857*	*134*	*2,179*	**6,427**	*6,776*	*6,346*
Middle Atlantic	**2,950**	**693**	**128**	**2,064**	**3,439**	**704**	**100**	*2,031*	*2,930*	*673*	*91*	*2,004*	**5,835**	*6,274*	*5,699*
E. N. Central	**3,289**	**759**	**119**	**2,458**	**3,935**	**728**	**168**	*2,451*	*3,151*	*732*	*129*	*2,255*	**6,625**	*7,282*	*6,267*
W. N. Central	**3,407**	**903**	**100**	**2,721**	**3,860**	**754**	**176**	*2,606*	*3,231*	*686*	*153*	*2,437*	**7,132**	*7,395*	*6,508*
South Atlantic	**1,517**	**212**	**20**	**987**	**1,713**	**196**	**14**	*1,096*	*1,506*	*215*	*16*	*1,001*	**2,737**	*3,019*	*2,737*
E. S. Central	**1,931**	**287**	**16**	**1,414**	**2,269**	**230**	**18**	*1,499*	*1,911*	*268*	*22*	*1,332*	**3,648**	*4,016*	*3,532*
W. S. Central	**1,178**	**138**	**1**	**1,011**	**1,485**	**92**	**4**	*958*	*1,287*	*98*	*5*	*816*	**2,328**	*2,539*	*2,205*
Mountain	**2,125**	**705**	**125**	**1,804**	**1,934**	**688**	**152**	*1,786*	*2,182*	*646*	*132*	*1,829*	**4,759**	*4,560*	*4,790*
Pacific	**1,559**	**499**	**82**	**1,229**	**1,255**	**471**	**57**	*953*	*1,282*	*484*	*89*	*1,123*	**3,369**	*2,736*	*2,978*
U.S. Average	**2,200**	**509**	**76**	**1,646**	**2,439**	**479**	**80**	*1,600*	*2,132*	*475*	*76*	*1,540*	**4,431**	*4,598*	*4,223*
Heating Degree Days, Prior 10-year Average															
New England	**3,197**	**860**	**129**	**2,158**	**3,152**	**836**	**134**	*2,167*	*3,166*	*838*	*134*	*2,157*	**6,344**	*6,289*	*6,296*
Middle Atlantic	**2,937**	**678**	**84**	**1,978**	**2,905**	**659**	**88**	*1,983*	*2,935*	*666*	*90*	*1,982*	**5,678**	*5,635*	*5,674*
E. N. Central	**3,132**	**696**	**122**	**2,212**	**3,117**	**690**	**120**	*2,243*	*3,192*	*695*	*123*	*2,271*	**6,161**	*6,170*	*6,281*
W. N. Central	**3,210**	**667**	**156**	**2,362**	**3,209**	**686**	**149**	*2,404*	*3,272*	*691*	*150*	*2,442*	**6,394**	*6,448*	*6,555*
South Atlantic	**1,474**	**198**	**14**	**1,009**	**1,465**	**194**	**14**	*1,006*	*1,481*	*196*	*14*	*1,019*	**2,694**	*2,679*	*2,709*
E. S. Central	**1,819**	**231**	**21**	**1,323**	**1,810**	**236**	**19**	*1,336*	*1,853*	*236*	*19*	*1,367*	**3,393**	*3,402*	*3,474*
W. S. Central	**1,177**	**79**	**6**	**801**	**1,158**	**85**	**5**	*827*	*1,189*	*86*	*5*	*845*	**2,063**	*2,075*	*2,125*
Mountain	**1,980**	**695**	**157**	**1,682**	**2,003**	**697**	**155**	*1,699*	*2,000*	*700*	*150*	*1,709*	**4,515**	*4,554*	*4,558*
Pacific	**1,534**	**645**	**94**	**1,236**	**1,554**	**625**	**96**	*1,236*	*1,534*	*622*	*92*	*1,202*	**3,510**	*3,511*	*3,450*
U.S. Average	**2,154**	**497**	**77**	**1,545**	**2,142**	**490**	**77**	*1,556*	*2,164*	*491*	*77*	*1,562*	**4,273**	*4,265*	*4,293*
Cooling Degree Days															
New England	**0**	**96**	**444**	**0**	**0**	**75**	**341**	*0*	*0*	*87*	*410*	*0*	**540**	*417*	*498*
Middle Atlantic	**0**	**156**	**523**	**6**	**0**	**155**	**432**	*6*	*0*	*167*	*553*	*5*	**685**	*593*	*725*
E. N. Central	**0**	**213**	**471**	**5**	**0**	**230**	**377**	*3*	*0*	*215*	*542*	*8*	**689**	*611*	*765*
W. N. Central	**0**	**231**	**655**	**7**	**0**	**263**	**539**	*13*	*3*	*273*	*685*	*11*	**893**	*814*	*972*
South Atlantic	**108**	**592**	**1,038**	**256**	**109**	**643**	**1,059**	*201*	*109*	*615*	*1,139*	*229*	**1,994**	*2,012*	*2,091*
E. S. Central	**14**	**453**	**917**	**59**	**6**	**505**	**923**	*67*	*24*	*498*	*1,041*	*67*	**1,443**	*1,501*	*1,630*
W. S. Central	**73**	**782**	**1,516**	**164**	**34**	**776**	**1,439**	*229*	*67*	*824*	*1,485*	*196*	**2,536**	*2,478*	*2,573*
Mountain	**23**	**479**	**911**	**49**	**31**	**440**	**869**	*86*	*20*	*453*	*983*	*86*	**1,462**	*1,426*	*1,542*
Pacific	**26**	**216**	**593**	**49**	**39**	**224**	**684**	*107*	*31*	*201*	*578*	*74*	**885**	*1,053*	*884*
U.S. Average	**37**	**378**	**803**	**87**	**34**	**392**	**773**	*97*	*38*	*391*	*846*	*94*	**1,304**	*1,297*	*1,368*
Cooling Degree Days, Prior 10-year Average															
New England	**0**	**77**	**416**	**1**	**0**	**83**	**417**	*1*	*0*	*85*	*419*	*1*	**494**	*500*	*505*
Middle Atlantic	**0**	**159**	**560**	**4**	**0**	**167**	**558**	*5*	*0*	*168*	*557*	*6*	**724**	*730*	*731*
E. N. Central	**3**	**220**	**548**	**6**	**3**	**230**	**546**	*6*	*3*	*234*	*545*	*6*	**778**	*785*	*787*
W. N. Central	**7**	**273**	**684**	**9**	**7**	**277**	**678**	*9*	*7*	*282*	*683*	*9*	**974**	*972*	*981*
South Atlantic	**112**	**633**	**1,157**	**208**	**110**	**636**	**1,154**	*212*	*110*	*635*	*1,154*	*210*	**2,110**	*2,111*	*2,109*
E. S. Central	**36**	**525**	**1,049**	**57**	**36**	**528**	**1,045**	*57*	*33*	*526*	*1,053*	*52*	**1,667**	*1,666*	*1,664*
W. S. Central	**100**	**889**	**1,494**	**194**	**102**	**882**	**1,506**	*190*	*94*	*883*	*1,519*	*185*	**2,676**	*2,680*	*2,680*
Mountain	**17**	**411**	**934**	**77**	**18**	**420**	**922**	*71*	*17*	*424*	*929*	*74*	**1,440**	*1,431*	*1,445*
Pacific	**26**	**159**	**598**	**63**	**26**	**166**	**588**	*58*	*26*	*170*	*600*	*64*	**847**	*838*	*860*
U.S. Average	**42**	**387**	**844**	**84**	**41**	**393**	**843**	*83*	*40*	*395*	*849*	*84*	**1,357**	*1,360*	*1,368*

- = no data available

Notes: Regional degree days for each period are calculated by EIA as contemporaneous period population-weighted averages of state degree day data published by the National Oceanic and Atmospheric Administration (NOAA).

See *Change in Regional and U.S. Degree-Day Calculations* (http://www.eia.gov/forecasts/steo/special/pdf/2012_sp_04.pdf) for more information.

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.gov/tools/glossary/) 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).

Projections: Based on forecasts by the NOAA Climate Prediction Center (http://www.cpc.ncep.noaa.gov/pacdir/DDdir/NHOME3.shtml).