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Energy Information Administration

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Short-Term Energy and Winter Fuels Outlook

October 7, 2008 Release

Highlights

- Average household expenditures for all space-heating fuels are projected to be $1,137 this winter (October 1 to March 31), a 15-percent increase over the estimated $986 spent last winter. The largest increases will be in households using heating oil and natural gas. The projected increases primarily reflect higher prices, although colder weather than last winter will also contribute to higher fuel use in many areas.

- Strong global demand and low surplus production capacity contributed to the run-up to record crude oil prices in July. The current slowdown in economic growth is contributing to the recent decline in oil demand and the sharp decline in prices since July. Nonetheless, oil markets are expected to remain relatively tight because of sluggish production growth. Absent a major worldwide economic downturn that significantly impacts global demand, West Texas Intermediate (WTI) crude oil prices are projected to average about $112 per barrel in both 2008 and 2009.

- According to the National Oceanic Atmospheric Administration's (NOAA) most recent projection of heating degree-days, the Lower-48 States are forecast to be 2.4 percent colder this winter compared with last winter, but 1.7 percent warmer than the 30-year average (1971 to 2000). However, regional heating degree-day projections vary widely; for example, the West North Central region is projected to be almost 5 percent warmer than last winter.

- During September, Hurricanes Gustav and Ike shut in a total of 32 million barrels of crude oil and 165 billion cubic feet (Bcf) of natural gas production in the Federal Gulf of Mexico. Recovery is ongoing and expected to continue at least through October.

Projected Winter Fuel Expenditures by Fuel and Region

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

Natural Gas. Households heating primarily with natural gas are expected to spend an average of $155 (18 percent) more this winter. Nationwide, about 52 percent of all households depend on natural gas as their primary heating fuel. The increase in natural gas expenditures reflects the combined effects of a 17-percent increase in price and 1-percent increase in consumption. In the Midwest, where 72 percent of all households rely on natural gas, a projected 17-percent increase in average household expenditures results from a 19-percent increase in prices and a decline in consumption of 2 percent due to the forecast of slightly warmer weather than last winter.

Heating Oil. Households heating primarily with heating oil can expect to pay an average of $449 (23 percent) more this winter. Only 7 percent of U.S. households depend on heating oil for winter fuel and most of these households are in the Northeast, where 31 percent of households use heating oil as their primary space heating fuel. In that region, the average household is projected to pay 24 percent more than last winter as a result of an 18-percent increase in prices and a 5-percent increase in consumption. Residential heating oil prices in the Northeast are projected to average about $3.90 per gallon during the winter season compared with $3.31 per gallon last winter. The projected increase is consistent with higher crude oil prices and projections of lower distillate inventories than last year going into the heating season.

Propane. Households heating primarily with propane can expect to pay an average of $188 (11 percent) more this winter. Propane-heated households, which represent about 6 percent of total U.S. households, are projected to see an average increase of 11 percent in propane expenditures this winter, but that increase varies widely by region. Western households are expected to see an average increase in expenditures of 5 percent, while Southern homes are expected to spend 16 percent more this winter.

Electricity. Households heating primarily with electricity can expect to pay an average of $89 (10 percent) more. Thirty-five percent of all U.S. households rely on electricity as their primary heating fuel, ranging from 12 percent in the Northeast to 59 percent in the South. On average, electricity expenditures during the winter are projected to rise by 10 percent because of increased consumption and prices.

Households in the South are projected to pay 13 percent more this winter on electricity bills.

Global Petroleum

Overview. Higher oil production in Saudi Arabia during summer 2008 combined with the demand response to extremely high prices and recent credit market problems that point to a lower trajectory for the world economy and oil consumption growth are currently reinforcing the sentiment of a loosening in the global oil balance. As a result, the recent supply disruptions in the Gulf of Mexico have not resulted in the kind of price increases that would have been expected had they occurred earlier in the year.

However, unless the global economy is weaker than anticipated, EIA expects that the call on Organization of the Petroleum Exporting Countries' (OPEC) crude oil will exceed OPEC crude oil production over the next 6 months. This market balance and the relatively low level of Organization for Economic Cooperation and Development (OECD) commercial oil inventories suggest some upward pressure on prices. However, if non-OPEC oil production increases as expected during 2009, oil price pressures would then moderate.

Consumption. Global oil consumption is projected to rise by about 300,000 barrels per day (bbl/d) in 2008 and by almost 800,000 bbl/d in 2009 compared with year-earlier levels. Growth for 2008 is nearly 350,000 bbl/d lower than last month's projection, reflecting the deteriorating global economic outlook. Solid growth in non-OECD countries, especially China, Latin America, and oil-exporting countries in the Middle East, is partly offset by sharp declines in U.S. oil consumption as well as lower oil consumption in many other OECD countries (World Oil Consumption). In 2008, non-OECD consumption is expected to rise by 1.4 million bbl/d, while OECD consumption is expected to fall by 1.1 million bbl/d. China's oil consumption remained high in August 2008 as imports for crude and oil products climbed 12 percent and 32 percent, respectively, from year-earlier levels according to Chinese government data. These trends are similar for 2009, although the decline in OECD consumption in 2009 is expected to be about half of the amount seen in 2008. The level of Chinese demand growth following the Olympics will have an important impact on non-OECD consumption growth and will depend on the domestic economy as well as the level of exports to other countries.

Non-OPEC Supply. Non-OPEC supply had been expected to increase in the second half of the year after declining by almost 300,000 bbl/d during the first half of 2008 compared with year-earlier levels. However, a series of supply disruptions,

especially the closure of the Baku-Tbilisi-Ceyhan oil pipeline and the impacts of Hurricanes Gustav and Ike upon the U.S. Gulf of Mexico, led to a revision in this *Outlook*. As a result, non-OPEC supply is expected to decline by about 115,000 bbl/d during the second half of 2008, compared with the year-earlier level, and consequently non-OPEC supply growth in 2008 is now expected to be negative for the first time since 2005. The 2009 growth in non-OPEC supply of 730,000 bbl/d is expected to largely meet the anticipated increase in global consumption, barring delays in new projects and unanticipated disruptions. The United States, Azerbaijan, and Brazil represent the bulk of non-OPEC supply growth in 2009, although some of the growth in two of these countries simply represents a return to normal production conditions (Non-OPEC Oil Production Growth).

OPEC Supply. OPEC crude oil production is expected to average 32.7 million bbl/d during the third quarter of 2008, up 1.7 million bbl/d from year-earlier levels. The forecast assumes production in Saudi Arabia of 9.6 million bbl/d in the third quarter, representing a 900,000-bbl/d rise from year-earlier levels. OPEC's call for greater compliance with quotas at its September meeting, suggests about a 500,000-bbl/d cut in output, but this outcome is uncertain. Given that the bulk of OPEC above-target output has been coming from Saudi Arabia, the group's decision to scale back production will depend on Saudi Arabia's willingness to cut. Taking into account uncertainties about Saudi actions, this *Outlook* assumes that OPEC crude oil production declines to 32.4 million bbl/d in the fourth quarter of 2008 and falls through 2009 to an average of 31.6 million bbl/d for that year. Lower crude oil production, combined with planned increases in OPEC total liquids production capacity, suggests OPEC surplus crude production capacity could increase from 1.5 million bbl/d in the second quarter of 2008 to over 3 million bbl/d by the end of next year (OPEC Surplus Oil Production Capacity).

Inventories. Revised data indicate that OECD commercial inventories held steady during the second quarter of 2008, well below the average build of 900,000 bbl/d during this time of year. At the end of the second quarter, estimated OECD commercial inventories stood at 2.56 billion barrels, 35 million barrels below the 5-year average (Days of Supply of OECD Commercial Stocks). OECD commercial inventories are projected to rise by about 280,000 bbl/d in the third quarter compared with the average seasonal build of about 400,000 bbl/d. EIA expects OECD commercial inventories to remain below 5-year average levels throughout the forecast period.

U.S. Petroleum

Consumption. Consumption of all petroleum products has fallen in 2008, driven down by the increase in prices and the weakening economy. Motor gasoline and distillate fuel lead the way with projected average declines of about 200,000 bbl/d for each fuel compared with last year. The declines in consumption are expected to continue in 2009 but at a much lower rate. Total domestic petroleum consumption is projected to average 19.8 million bbl/d in 2008, down 830,000 bbl/d from the 2007 average (U.S. Petroleum Products Consumption Growth), followed by a further 100,000-bbl/d decline in 2009.

Production. In 2008, domestic crude oil production is projected to average just below 5.0 million bbl/d, down from 2007 levels due to the loss of production in the Gulf of Mexico caused by Hurricanes Ike and Gustav (U.S. Crude Oil Production). Domestic crude production has been steadily declining since the 1970s and the 2008 projection for crude oil production falls under 5 million bbl/d for the first time since 1946. However, domestic production is projected to increase in 2009 by 330,000 bbl/d to an average of 5.3 million bbl/d. Contributing to the increases in output are the Thunderhorse platform, which is expected to come on stream later this year, and the Tahiti platform, expected to come on stream late in 2009.

Prices. Oil markets are expected to remain tight over the next 6 months because of sluggish production growth, which will help push WTI crude oil prices to $120 per barrel by April 2009, before declining to $106 per barrel by year's end. WTI prices are projected to average $112 per barrel in both 2008 and 2009 (Crude Oil Prices). Further deterioration in actual or expected global economic growth as a fallout of the current financial crisis may lead to weaker oil prices.

Gasoline

Inventories. Motor gasoline inventories during the summer were tight and became even tighter as a result of Hurricanes Gustav and Ike. On September 30, total gasoline inventories were estimated at 180 million barrels, 23 million barrels below the 5-year average and the lowest since August 1967 (Motor Gasoline Inventories). Continued weakness in motor gasoline markets and growth in domestic fuel ethanol production is expected to allow inventories to recover. By the beginning of the second quarter next year, total gasoline inventories are expected to reach 205 million barrels, about 4 million barrels below the previous 5-year average.

Prices. Regular grade gasoline prices are projected to average $3.56 per gallon in both 2008 and 2009, following movements in projected crude oil prices. Because of the

continued weakness in motor gasoline consumption, the difference between the price of gasoline and the cost of crude is expected to remain low throughout the forecast interval.

Distillate

Inventories. Refinery shut-ins caused by Hurricanes Gustav and Ike also pulled distillate (diesel fuel and heating oil) inventories down to relatively low levels (Distillate Fuel Inventories). As of September 30, the start of the winter heating season, distillate fuel inventories were an estimated 122 million barrels, down 12 million barrels from the previous year and 11 million barrels below the average of the last 5 years. Total distillate inventories at the end of March 2009 are projected to be 104 million barrels, about 6 million barrels below the previous 5-year average but still within the low end of the normal range.

Prices. The increases in heating oil and diesel fuel prices this year have outpaced the rise in crude oil prices because of the continuing stronger growth in global distillate demand relative to other petroleum products. Residential heating oil retail prices this winter are projected to average $3.89 per gallon, an increase of 58 cents per gallon over last winter, compared with a projected 38-cents-per-gallon increase in the price of WTI crude oil. Although oil prices are expected to be up slightly on average next year, the on-highway diesel fuel retail prices are projected to average $3.91 per gallon in 2009, down from a projected $4.01 per gallon in 2008, reflecting a weakening of the very high wholesale distillate-crude oil price margins seen this past summer.

Propane

Inventories. As of September 30, U.S. propane inventories were an estimated 59 million barrels, slightly above last year's level but 7 million barrels below the average over the last 5 years. These inventories are projected to end the winter season at about 28 million barrels, near the average of the last 5 years. This projection assumes that, because of high prices and a slow economy, the combination of propane production increases and reduced petrochemical consumption will offset the reduced availability of waterborne supplies, which have been diverted to fast-growth areas such as Asia and the Middle East.

Prices. Spot propane prices are strongly influenced by both crude oil and natural gas prices. Retail propane prices are projected to average $2.60 per gallon in 2008 and $2.65 per gallon in 2009. However, with current low inventories, propane markets are likely to remain relatively tight this winter, with the potential for additional upward

pressure on residential propane prices if the United States experiences colder-than-expected weather.

Natural Gas

Consumption. Total natural gas consumption is expected to increase by 2.4 percent in 2008 and by 1.9 percent in 2009 (Total U.S. Natural Gas Consumption Growth). Despite slower expected growth in 2009, consumption is expected to increase in all sectors during the forecast period. This winter, total residential consumption of natural gas in the United States is expected to increase by 3.5 percent year-over-year based on the projected 2.4-percent increase in heating degree-days. In addition to weather, worsening economic conditions add significant uncertainty to the forecast, particularly for the industrial sector. In annual terms, consumption in the industrial sector is expected to increase by 1.0 percent in 2008 and 1.1 percent in 2009.

Production and Imports. Total U.S. marketed natural gas production is expected to increase by 6.7 percent in 2008 and by 4.2 percent in 2009. Domestic production continues to be led by the development of fields in the Lower-48 non-Gulf of Mexico region, which is expected to increase production by 9.7 percent in 2008. Recent hurricane damage resulted in estimated production shut-ins of about 165 Bcf in the Federal Gulf of Mexico in September, with at least an additional 16 Bcf in the onshore and State waters areas of Louisiana. While the length of the hurricane recovery process is unknown, marketed natural gas production from the Federal Gulf of Mexico is projected to decline by 9.1 percent in 2008. In 2009, Federal Gulf of Mexico and Lower-48 non-Gulf of Mexico growth are expected to be 8.1 and 3.8 percent, respectively.

U.S. imports of liquefied natural gas (LNG) remain below year-ago levels with third-quarter imported cargoes less than half of what they were last year. Demand growth in Europe and Asia combined with limited global supply increases to date continue to weigh on the market. LNG imports to the United States are no longer expected to increase during the remainder of 2008, and import growth in 2009 remains vulnerable to additional delays in new capacity and unexpected maintenance on existing capacity. For the year, LNG imports are expected to total about 350 Bcf and about 450 Bcf in 2009 as more global LNG capacity is expected to be brought online.

Inventories. On September 26, 2008, working natural gas in storage was 3,110 Bcf (U.S. Working Natural Gas in Storage). Current inventories are now 50 Bcf above the 5-year average (2003–2007) and 137 Bcf below the level during the corresponding week last year.

Prices. The Henry Hub spot price averaged $7.88 per thousand cubic feet (Mcf) in September, $0.62 per Mcf below the average spot price in August. Despite hurricane damage to supply infrastructure in the Federal Gulf of Mexico, the recent decline in prices was the result of demand loss associated with these same hurricanes, moderate temperatures, lower oil prices, and uncertainties about future economic growth. This winter, however, natural gas expenditures for U.S. households are expected to increase by about 18 percent compared with last winter. The increase in end-use prices is the result of the particularly high spot prices that were recorded earlier this year as a portion of the inventories for the upcoming heating season were being built. Beyond the winter, continued growth in on-shore production is expected to bring prices down. On an annual basis, the Henry Hub spot price is expected to average about $9.67 per Mcf in 2008 and $8.17 per Mcf in 2009, compared with $7.17 per Mcf in 2007.

Electricity

Consumption. After a relatively warm June and July, cooling degree-days during August in most regions of the United States were lower than normal (U.S. Summer Cooling Degree-Days). Summer residential electricity consumption this year was approximately the same as it was in the summer of 2007. For the entire year, total electricity consumption is expected to grow by about 1 percent (U.S. Total Electricity Consumption). Growth in consumption during 2009 is expected to remain relatively low, primarily as a result of the projected slow growth in economic activity.

Prices. The delivered cost of fuel continues to affect power generators. During 2008, the cost of natural gas and coal for electric utilities is projected to be 36 percent higher and 12 percent higher, respectively, than last year. As electricity providers continue to pass along these increased costs, U.S. residential electricity prices are expected to grow by 6.2 percent this year and 9.4 percent in 2009 (U.S. Residential Electricity Prices). Price increases are expected to be especially pronounced in the Middle and South Atlantic regions.

Coal

Consumption. Electric-power-sector coal consumption is projected to grow by about 1.2 percent in 2008. Slow growth in electricity consumption, combined with projected increases in electricity generation from other sources (nuclear, natural gas, and wind), will lead to a slight decline (0.9 percent) in electric-power-sector coal consumption in 2009 (U.S. Coal Consumption Growth).

Production and Inventories. Growth in domestic coal consumption and particularly in exports is expected to contribute to a 3-percent increase in coal production in 2008 (U.S. Annual Coal Production). In 2009 coal production will remain relatively unchanged as increases in coal exports are offset by decreases in domestic consumption and producer-held stocks. Secondary (consumer-held) coal stocks, which grew to almost 160 million short tons in 2007, are expected to remain stable in 2008 and grow by an average of 2.3 percent in 2009.

Exports. In the first half of 2008, U.S. coal exports increased by 13 million short tons, or 50 percent, over first-half 2007 shipments. Strong global demand for coal, combined with supply disruptions in several key coal-exporting countries (Australia, South Africa, and China), were the primary factors behind the increase in U.S. coal exports. Continued robust worldwide demand for coal is projected to lead to an overall 43-percent increase in U.S. coal exports in 2008. Coal exports are projected to grow 2.4 percent to 86.5 million short tons in 2009.

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

Energy Information Administration/Short-Term Energy Outlook -- October 2008

Fuel / Region	Winter of							Forecast	
	02-03	03-04	04-05	05-06	06-07	Avg.02-07	07-08	08-09	% Change
Natural Gas									
Northeast									
Consumption (mcf**)	84.3	80.0	79.8	73.9	74.7	78.5	74.8	79.3	6.1
Price ($/mcf)	9.99	11.77	12.64	16.40	14.69	12.99	15.14	16.95	11.9
Expenditures ($)	842	941	1,009	1,211	1,098	1,020	1,132	1,345	18.8
Midwest									
Consumption (mcf)	92.1	85.5	85.2	82.2	84.8	85.9	88.4	86.7	-1.9
Price ($/mcf)	7.61	8.77	10.04	13.45	11.06	10.12	11.38	13.55	19.0
Expenditures ($)	701	750	855	1,106	938	870	1,006	1,175	16.8
South									
Consumption (mcf)	60.6	55.6	54.0	53.8	54.8	55.8	52.9	56.6	7.0
Price ($/mcf)	9.03	10.67	12.17	16.46	13.59	12.30	14.28	16.77	17.5
Expenditures ($)	547	594	658	886	745	686	755	948	25.7
West									
Consumption (mcf)	44.7	45.7	46.7	46.7	47.2	46.2	49.6	48.5	-2.2
Price ($/mcf)	7.55	8.84	10.18	12.96	11.20	10.17	11.31	13.04	15.4
Expenditures ($)	338	404	475	605	528	470	560	632	12.8
U.S. Average									
Consumption (mcf)	71.1	67.1	66.8	64.7	66.0	67.1	67.2	68.1	1.4
Price ($/mcf)	8.42	9.81	11.04	14.58	12.35	11.18	12.72	14.82	16.5
Expenditures ($)	599	659	738	943	815	751	855	1,010	18.1
Households (thousands)	54,942	55,811	56,167	56,587	57,223	56,146	57,804	58,309	0.9
Heating Oil									
Northeast									
Consumption (gallons)	671.5	636.9	637.0	589.6	596.0	626.2	600.4	632.7	5.4
Price ($/gallon)	1.42	1.46	1.93	2.45	2.51	1.93	3.31	3.90	17.9
Expenditures ($)	956	930	1,230	1,446	1,494	1,211	1,987	2,468	24.2
Midwest									
Consumption (gallons)	531.6	488.9	486.0	466.9	483.7	491.4	507.8	496.4	-2.2
Price ($/gallon)	1.35	1.34	1.84	2.37	2.39	1.84	3.32	3.80	14.3
Expenditures ($)	718	654	893	1,108	1,158	906	1,687	1,886	11.8
South									
Consumption (gallons)	418.8	394.1	378.0	372.3	363.2	385.3	343.1	388.9	13.4
Price ($/gallon)	1.41	1.45	1.94	2.46	2.38	1.91	3.33	3.85	15.7
Expenditures ($)	590	572	734	915	863	735	1,142	1,497	31.1
West									
Consumption (gallons)	311.6	325.0	331.6	328.0	327.2	324.7	351.4	335.7	-4.5
Price ($/gallon)	1.39	1.46	1.99	2.49	2.57	1.99	3.36	3.86	15.0
Expenditures ($)	432	473	659	818	842	645	1,181	1,297	9.8
U.S. Average									
Consumption (gallons)	644.9	612.5	610.2	574.9	580.9	604.7	585.7	614.0	4.8
Price ($/gallon)	1.41	1.45	1.93	2.45	2.49	1.93	3.31	3.89	17.4
Expenditures ($)	912	886	1,176	1,409	1,445	1,166	1,939	2,388	23.1
Households (thousands)	9,491	9,336	9,064	8,741	8,542	9,035	8,356	8,115	-2.9

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

Energy Information Administration/Short-Term Energy Outlook -- October 2008

	Winter of							Forecast	
Fuel / Region	**02-03**	**03-04**	**04-05**	**05-06**	**06-07**	**Avg.02-07**	**07-08**	**08-09**	**% Change**
Propane									
Northeast									
Consumption (gallons)	**915.8**	**871.2**	**870.0**	**808.3**	**816.7**	**856.4**	**820.0**	863.8	5.3
Price ($/gallon)	**1.55**	**1.65**	**1.88**	**2.20**	**2.29**	**1.90**	**2.78**	2.95	6.4
Expenditures ($)	**1,416**	**1,435**	**1,633**	**1,775**	**1,872**	**1,626**	**2,276**	2,551	12.1
Midwest									
Consumption (gallons)	**860.8**	**800.5**	**793.2**	**766.9**	**792.7**	**802.8**	**832.2**	811.9	-2.4
Price ($/gallon)	**1.07**	**1.20**	**1.42**	**1.67**	**1.74**	**1.41**	**2.12**	2.39	12.6
Expenditures ($)	**922**	**960**	**1,130**	**1,278**	**1,382**	**1,135**	**1,767**	1,941	9.8
South									
Consumption (gallons)	**577.0**	**532.5**	**515.1**	**514.2**	**519.7**	**531.7**	**500.5**	538.5	7.6
Price ($/gallon)	**1.45**	**1.57**	**1.79**	**2.11**	**2.16**	**1.81**	**2.66**	2.85	7.3
Expenditures ($)	**838**	**838**	**921**	**1,087**	**1,123**	**961**	**1,329**	1,535	15.5
West									
Consumption (gallons)	**559.7**	**567.5**	**581.6**	**581.7**	**588.5**	**575.8**	**618.2**	605.0	-2.1
Price ($/gallon)	**1.38**	**1.53**	**1.78**	**2.09**	**2.17**	**1.80**	**2.65**	2.84	7.5
Expenditures ($)	**774**	**871**	**1,037**	**1,214**	**1,275**	**1,034**	**1,635**	1,721	5.3
U.S. Average									
Consumption (gallons)	**713.3**	**672.5**	**668.3**	**655.4**	**669.0**	**675.7**	**682.1**	694.3	1.8
Price ($/gallon)	**1.29**	**1.42**	**1.65**	**1.95**	**2.01**	**1.66**	**2.45**	2.68	9.3
Expenditures ($)	**918**	**953**	**1,103**	**1,277**	**1,347**	**1,120**	**1,673**	1,861	11.3
Households (thousands)	**6,848**	**6,818**	**6,782**	**6,565**	**6,539**	**6,710**	**6,539**	6,464	-1.1
Electricity									
Northeast									
Consumption (kwh*)**	**10,417**	**10,013**	**10,019**	**9,497**	**9,570**	**9,903**	**9,577**	9,993	4.3
Price ($/kwh)	**0.109**	**0.114**	**0.117**	**0.133**	**0.139**	**0.122**	**0.144**	0.158	9.7
Expenditures ($)	**1,136**	**1,140**	**1,173**	**1,260**	**1,329**	**1,208**	**1,383**	1,584	14.5
Midwest									
Consumption (kwh)	**11,469**	**10,922**	**10,857**	**10,635**	**10,883**	**10,953**	**11,263**	11,075	-1.7
Price ($/kwh)	**0.074**	**0.075**	**0.077**	**0.081**	**0.085**	**0.078**	**0.089**	0.095	6.9
Expenditures ($)	**846**	**823**	**834**	**857**	**926**	**857**	**1,004**	1,056	5.1
South									
Consumption (kwh)	**8,763**	**8,402**	**8,266**	**8,255**	**8,299**	**8,397**	**8,144**	8,449	3.8
Price ($/kwh)	**0.074**	**0.078**	**0.082**	**0.092**	**0.096**	**0.084**	**0.098**	0.107	8.4
Expenditures ($)	**646**	**652**	**674**	**762**	**797**	**706**	**802**	902	12.5
West									
Consumption (kwh)	**6,968**	**7,091**	**7,188**	**7,185**	**7,199**	**7,126**	**7,454**	7,324	-1.7
Price ($/kwh)	**0.091**	**0.091**	**0.092**	**0.097**	**0.102**	**0.095**	**0.104**	0.114	8.8
Expenditures ($)	**635**	**642**	**661**	**695**	**735**	**674**	**779**	832	6.9
U.S. Average									
Consumption (kwh)	**8,592**	**8,307**	**8,246**	**8,156**	**8,215**	**8,303**	**8,231**	8,373	1.7
Price ($/kwh)	**0.082**	**0.085**	**0.088**	**0.096**	**0.101**	**0.090**	**0.104**	0.113	8.5
Expenditures ($)	**702**	**703**	**722**	**787**	**828**	**749**	**858**	947	10.4
Households (thousands)	**34,153**	**34,686**	**35,745**	**36,741**	**37,349**	**35,735**	**38,024**	38,787	2.0
All households (thousands)	**105,434**	**106,650**	**107,758**	**108,634**	**109,654**	**107,626**	**110,723**	111,675	0.9
Average Expenditures ($)	**681**	**712**	**793**	**948**	**900**	**807**	**986**	1,137	15.3

Note: Winter covers the period October 1 through March 31.

Fuel consumption per household is based only on households that use that fuel as the primary space-heating fuel.

Included in fuel consumption is consumption for water heating, appliances, and lighting (electricity).

* Prices include taxes

** thousand cubic feet

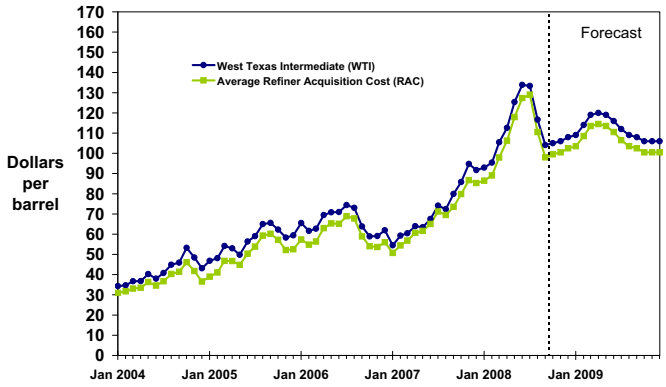
*** kilowatthour

Energy Information Administration
Official Energy Statistics from the U.S. Government

Short-Term Energy Outlook

Chart Gallery for October 2008

Crude Oil Prices



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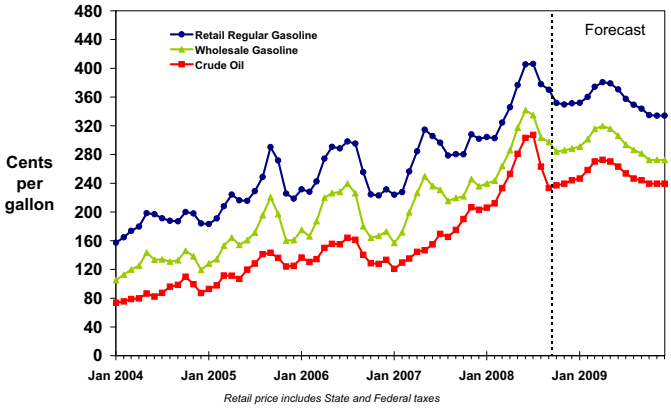
Gasoline and Crude Oil Prices



Retail price includes State and Federal taxes

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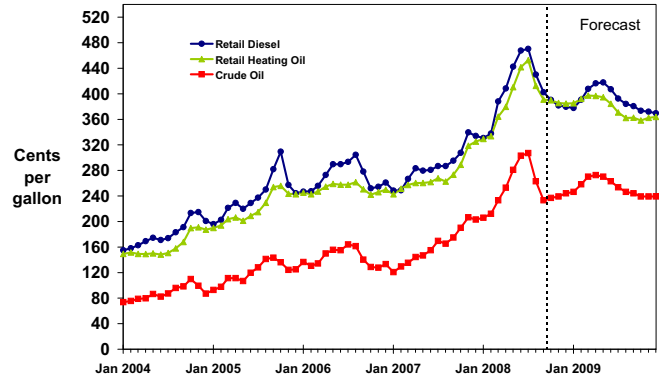
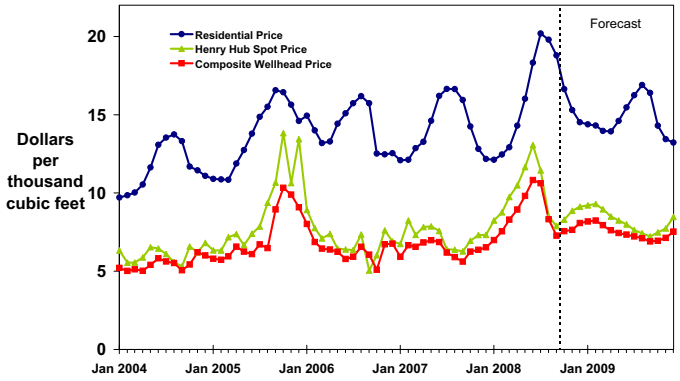
U.S. Distillate Fuel Prices



Retail prices include State and Federal taxes

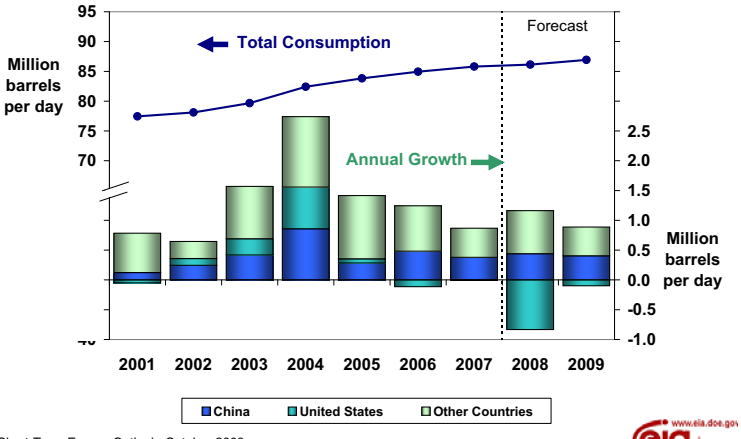
Short-Term Energy Outlook, October 2008

Natural Gas Prices



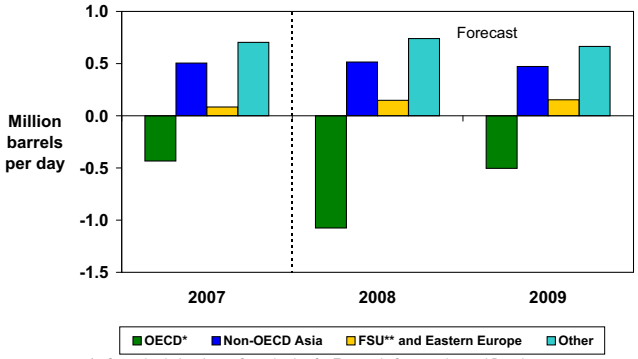
Short-Term Energy Outlook, October 2008

World Oil Consumption



Short-Term Energy Outlook, October 2008

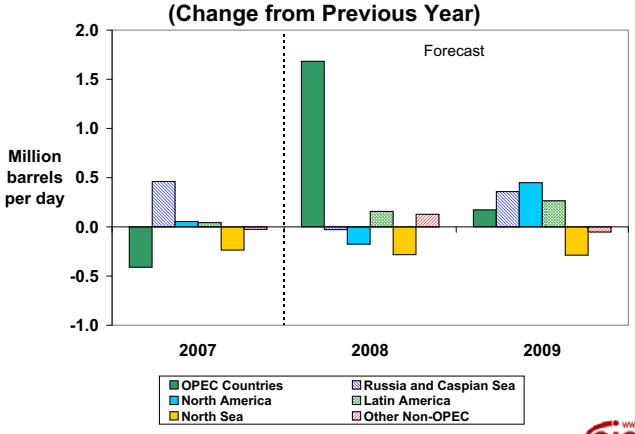
World Oil Consumption Growth
(Change from Previous Year)



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

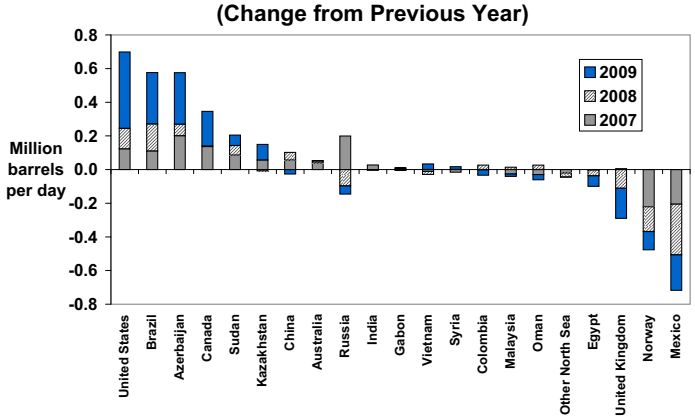
Short-Term Energy Outlook, October 2008

World Oil Production Growth
(Change from Previous Year)



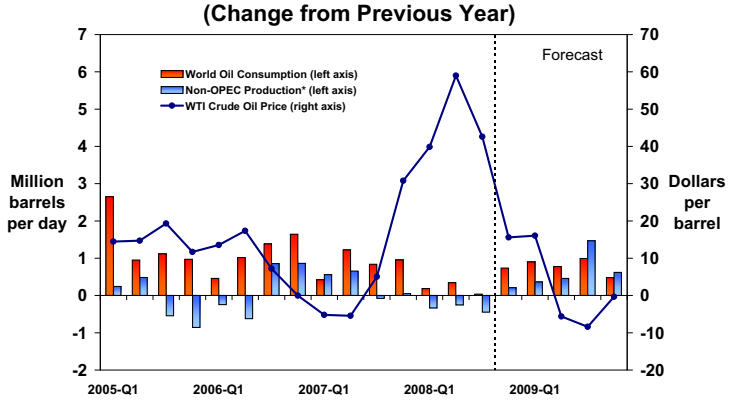
Short-Term Energy Outlook, October 2008

Non-OPEC Oil Production Growth
(Change from Previous Year)



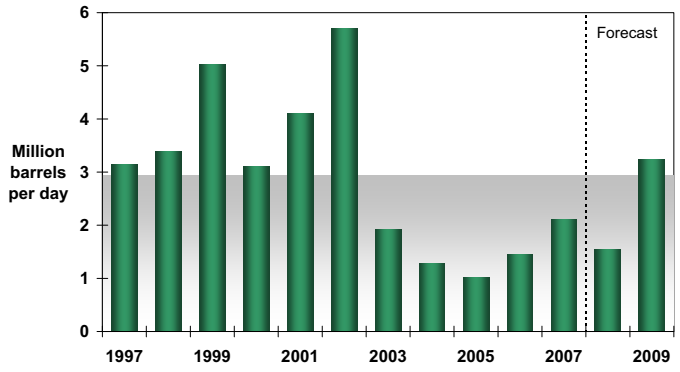
Short-Term Energy Outlook, October 2008

World Consumption and Non-OPEC Production (Change from Previous Year)



Short-Term Energy Outlook, October 2008

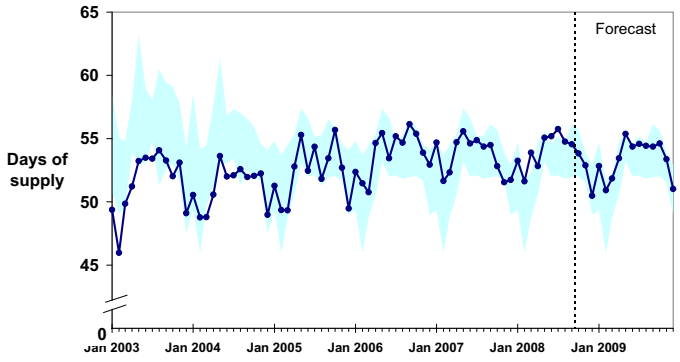
OPEC Surplus Crude Oil Production Capacity



Note: Shaded area represents 1997-2007 average (2.9 million barrels per day)

Short-Term Energy Outlook, October 2008

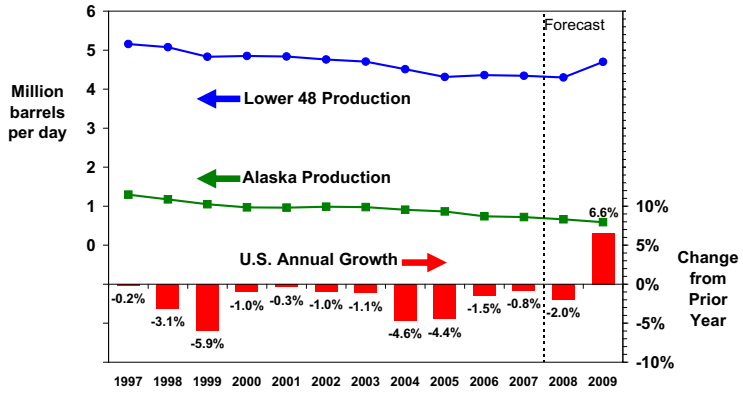
Days of Supply of OECD Commercial Oil Stocks



NOTE: Colored band represents the 5-year minimum/maximum range for each month.

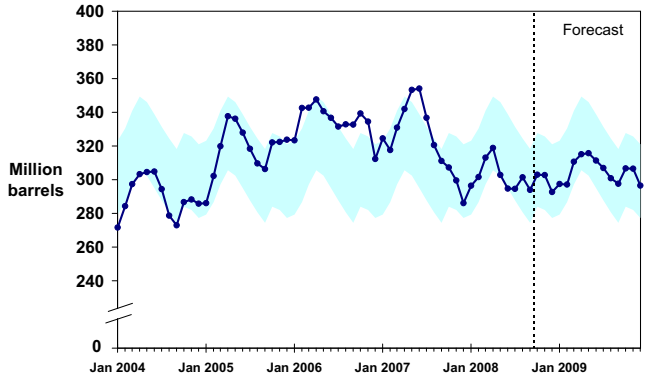
Short-Term Energy Outlook, October 2008

U.S. Crude Oil Production



Short-Term Energy Outlook, October 2008

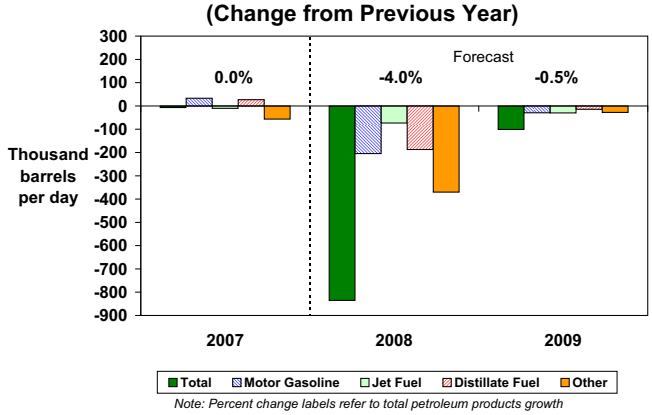
U.S. Crude Oil Stocks



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

Short-Term Energy Outlook, October 2008

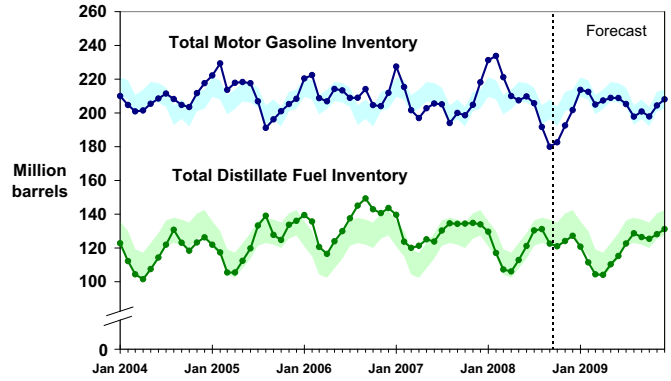
U.S. Petroleum Products Consumption Growth (Change from Previous Year)



Note: Percent change labels refer to total petroleum products growth

Short-Term Energy Outlook, October 2008

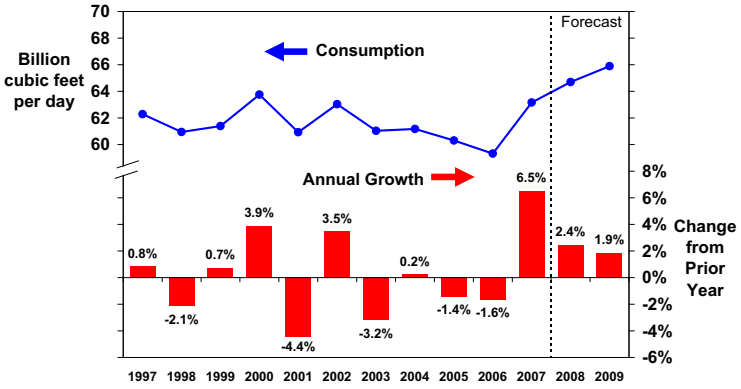
U.S. Gasoline and Distillate Inventories



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

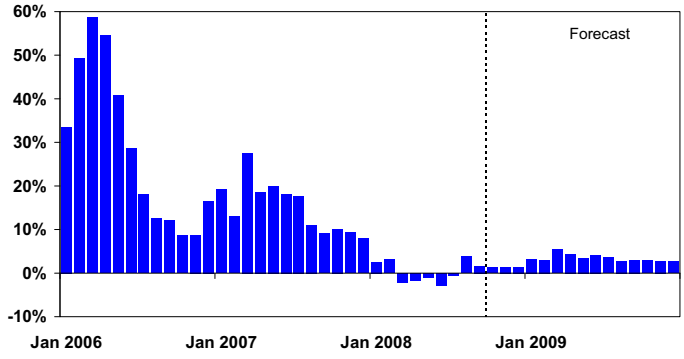
Short-Term Energy Outlook, October 2008

U.S. Total Natural Gas Consumption



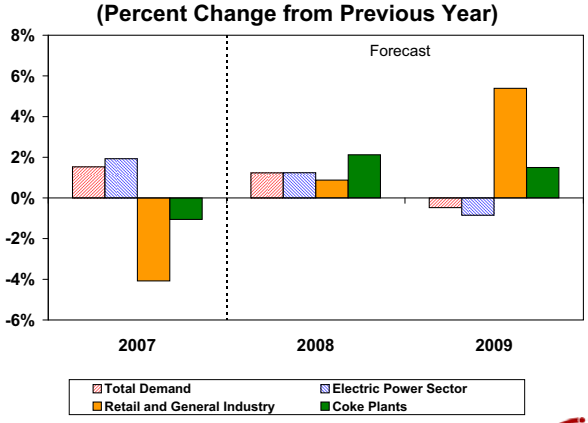
Short-Term Energy Outlook, October 2008

U.S. Working Natural Gas in Storage (Percent Difference from Previous 5-Year Average)



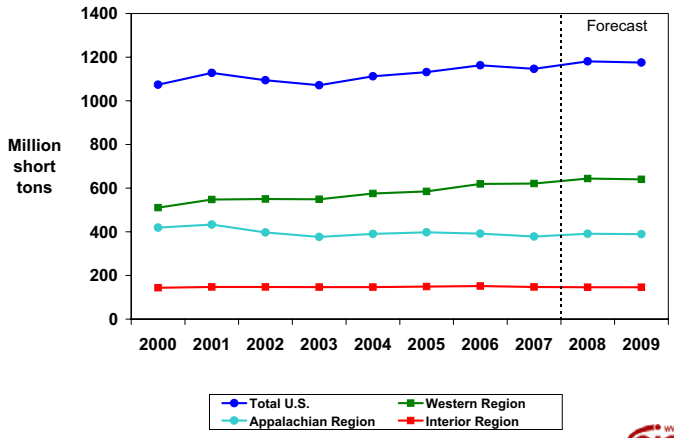
Short-Term Energy Outlook, October 2008

U.S. Coal Consumption Growth
(Percent Change from Previous Year)



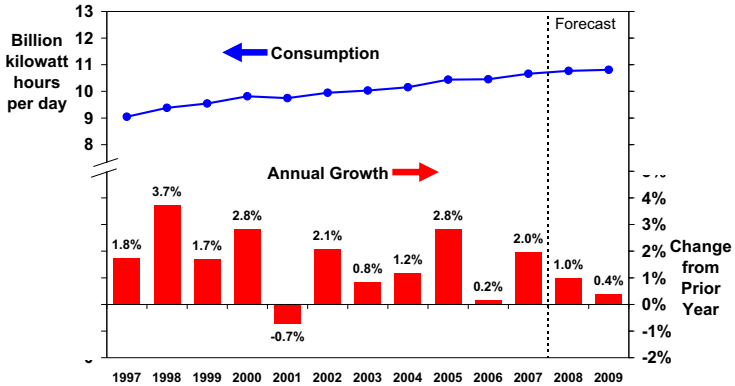
Short-Term Energy Outlook, October 2008

U.S. Annual Coal Production



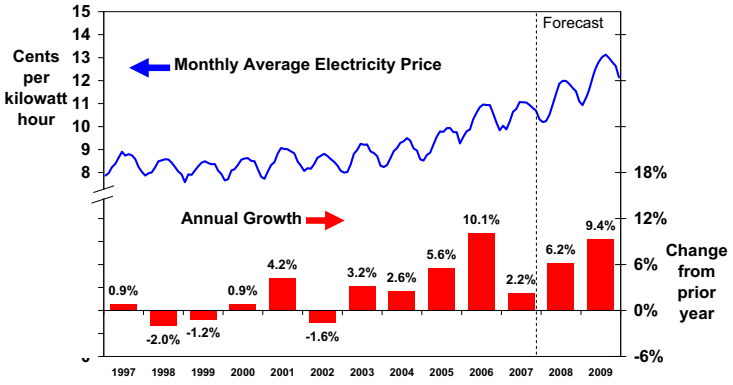
Short-Term Energy Outlook, October 2008

U.S. Total Electricity Consumption



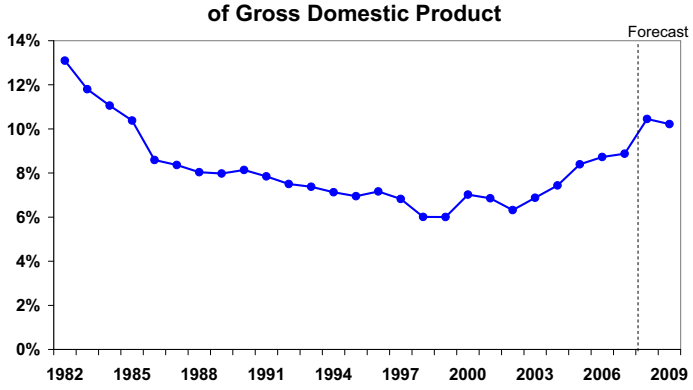
Short-Term Energy Outlook, October 2008

U.S. Residential Electricity Price



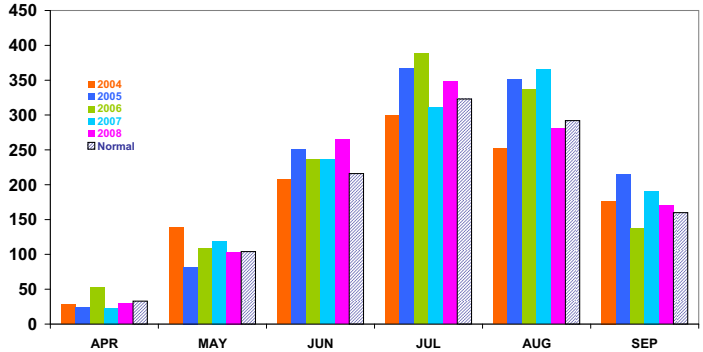
Short-Term Energy Outlook, October 2008

U.S. Annual Energy Expenditures As Percent of Gross Domestic Product



Short-Term Energy Outlook, October 2008

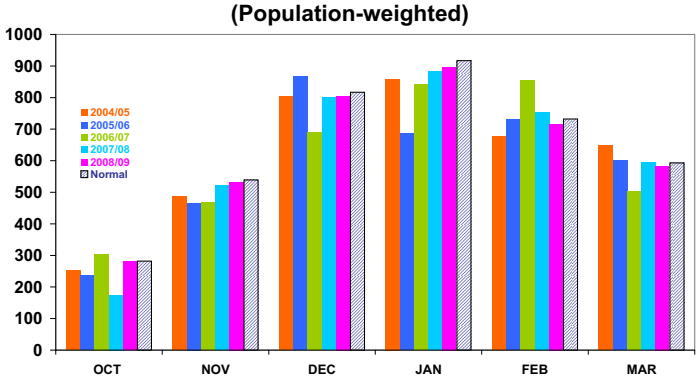
U.S. Summer Cooling Degree-Days (Population-weighted)



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

Short-Term Energy Outlook, October 2008

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



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

Short-Term Energy Outlook, October 2008

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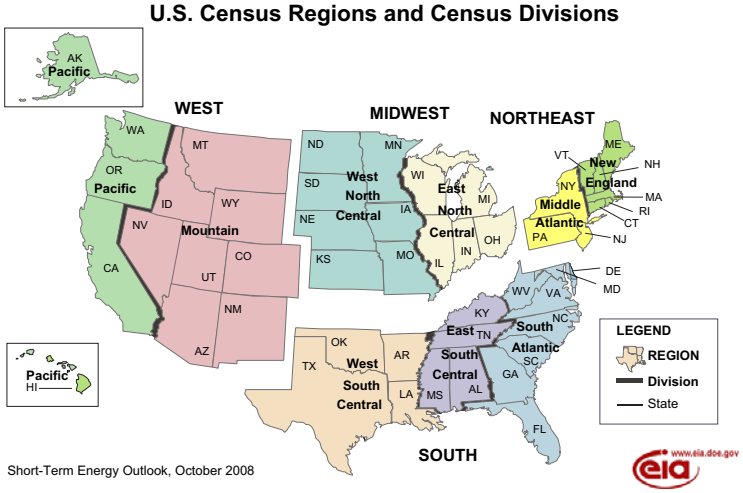
U.S. Census Regions and Census Divisions



Short-Term Energy Outlook, October 2008

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Table 1. U.S. Energy Markets Summary

Energy Information Administration/Short-Term Energy Outlook - October 2008

	2007				2008				2009				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2007	2008	2009
Energy Supply															
Crude Oil Production (a)															
(million barrels per day)	**5.11**	**5.16**	**4.94**	**5.04**	**5.12**	**5.15**	**4.61**	*4.98*	*5.22*	*5.23*	*5.25*	*5.45*	**5.06**	*4.96*	*5.29*
Dry Natural Gas Production															
(billion cubic feet per day)	**51.47**	**52.28**	**53.06**	**54.41**	**55.83**	**56.36**	**55.97**	*57.55*	*58.48*	*58.88*	*58.91*	*59.04*	**52.82**	*56.43*	*58.83*
Coal Production															
(million short tons)	**286**	**286**	**286**	**289**	**289**	**284**	**301**	*306*	*289*	*284*	*290*	*312*	**1,147**	*1,181*	*1,175*
Energy Consumption															
Petroleum															
(million barrels per day)	**20.79**	**20.63**	**20.73**	**20.58**	**19.88**	**19.68**	**19.56**	*20.25*	*19.73*	*19.61*	*19.71*	*19.93*	**20.68**	*19.85*	*19.74*
Natural Gas															
(billion cubic feet per day)	**79.14**	**53.81**	**56.33**	**63.61**	**82.03**	**55.42**	**56.74**	*64.67*	*82.44*	*57.34*	*58.40*	*65.66*	**63.16**	*64.69*	*65.89*
Coal (b)															
(million short tons)	**279**	**268**	**304**	**279**	**283**	**270**	**302**	*288*	*284*	*266*	*303*	*285*	**1,129**	*1,143*	*1,138*
Electricity															
(billion kilowatt hours per day)	**10.45**	**10.12**	**11.92**	**10.14**	**10.60**	**10.25**	**11.97**	*10.24*	*10.61*	*10.27*	*12.09*	*10.27*	**10.66**	*10.77*	*10.81*
Renewables (c)															
(quadrillion Btu)	**1.74**	**1.76**	**1.66**	**1.67**	**1.74**	**1.89**	**1.81**	*1.76*	*1.90*	*1.99*	*1.88*	*1.84*	**6.84**	*7.21*	*7.61*
Total Energy Consumption (d)															
(quadrillion Btu)	**26.79**	**24.30**	**25.60**	**25.52**	**26.87**	**24.99**	**25.72**	*25.71*	*26.83*	*24.38*	*25.48*	*25.65*	**102.20**	*103.29*	*102.35*
Nominal Energy Prices															
Crude Oil (e)															
(dollars per barrel)	**53.95**	**62.44**	**71.34**	**83.96**	**91.15**	**117.30**	**113.41**	*100.87*	*108.48*	*112.83*	*104.21*	*100.50*	**68.09**	*105.78*	*106.52*
Natural Gas Wellhead															
(dollars per thousand cubic feet)	**6.37**	**6.89**	**5.90**	**6.39**	**7.62**	**9.86**	**8.80**	*7.76*	*8.12*	*7.47*	*7.08*	*7.20*	**6.39**	*8.51*	*7.46*
Coal															
(dollars per million Btu)	**1.76**	**1.78**	**1.78**	**1.79**	**1.91**	**2.03**	**2.03**	*1.96*	*2.00*	*2.01*	*1.99*	*1.96*	**1.78**	*1.98*	*1.99*
Macroeconomic															
Real Gross Domestic Product															
(billion chained 2000 dollars - SAAR)	**11,358**	**11,491**	**11,626**	**11,621**	**11,646**	**11,740**	**11,776**	*11,765*	*11,751*	*11,795*	*11,841*	*11,913*	**11,524**	*11,732*	*11,825*
Percent change from prior year	**1.3**	**1.8**	**2.8**	**2.3**	**2.5**	**2.2**	**1.3**	*1.2*	*0.9*	*0.5*	*0.6*	*1.3*	**2.0**	*1.8*	*0.8*
GDP Implicit Price Deflator															
(Index, 2000=100)	**118.9**	**119.5**	**120.0**	**120.8**	**121.6**	**122.0**	**123.1**	*124.1*	*124.8*	*124.8*	*125.6*	*126.5*	**119.8**	*122.7*	*125.4*
Percent change from prior year	**2.9**	**2.8**	**2.5**	**2.6**	**2.3**	**2.0**	**2.6**	*2.7*	*2.6*	*2.3*	*2.0*	*1.9*	**2.7**	*2.4*	*2.2*
Real Disposable Personal Income															
(billion chained 2000 dollars - SAAR)	**8,618**	**8,605**	**8,671**	**8,683**	**8,668**	**8,905**	**8,713**	*8,680*	*8,737*	*8,802*	*8,822*	*8,843*	**8,644**	*8,741*	*8,801*
Percent change from prior year	**3.4**	**2.9**	**3.1**	**1.8**	**0.6**	**3.5**	**0.5**	*0.0*	*0.8*	*-1.2*	*1.2*	*1.9*	**2.8**	*1.1*	*0.7*
Manufacturing Production Index															
(Index, 2002=100)	**112.6**	**113.9**	**115.1**	**115.0**	**114.8**	**113.7**	**113.9**	*113.2*	*113.3*	*113.8*	*114.8*	*115.7*	**114.2**	*113.9*	*114.4*
Percent change from prior year	**0.9**	**1.7**	**2.2**	**2.5**	**1.9**	**-0.2**	**-1.1**	*-1.6*	*-1.2*	*0.1*	*0.8*	*2.2*	**1.8**	*-0.2*	*0.5*
Weather															
U.S. Heating Degree-Days	**2,196**	**508**	**57**	**1,495**	**2,231**	**536**	**79**	*1,619*	*2,196*	*538*	*100*	*1,632*	**4,256**	*4,465*	*4,466*
U.S. Cooling Degree-Days	**43**	**378**	**867**	**110**	**29**	**398**	**799**	*77*	*36*	*344*	*773*	*77*	**1,399**	*1,304*	*1,230*

- = no data available

(a) Includes lease condensate.

(b) Total consumption includes Independent Power Producer (IPP) consumption.

(c) Renewable energy includes minor components of non-marketed renewable energy that is neither bought nor sold, either directly or indirectly, as inputs to marketed energy. EIA does not estimate or project end-use consumption of non-marketed renewable energy.

(d) The conversion from physical units to Btu is calculated using a subset of conversion factors used in the calculations of gross energy consumption in EIA's Monthly Energy Review (MER). Consequently, the historical data may not precisely match those published in the MER or the Annual Energy Review (AER).

(e) Refers to the refiner average acquisition cost (RAC) of crude oil.

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

Historical data: Latest data available from Energy Information Administration databases supporting the following reports *Petroleum Supply Monthly*, DOE/EIA-0109; *Petroleum Supply Annual*, DOE/EIA-0340/2; *Weekly Petroleum Status Report*, DOE/EIA-0208; *Petroleum Marketing Monthly*, DOE/EIA-0380; *Natural Gas Monthly*, DOE/EIA-0130; *Electric Power Monthly*, DOE/EIA-0226; *Quarterly Coal Report*, DOE/EIA-0121; and *International Petroleum Monthly*, DOE/EIA-0520.

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

Projections: Generated by simulation of the EIA Regional Short-Term Energy Model. Macroeconomic projections are based on Global Insight Model of the U.S. Economy. Weather projections from National Oceanic and Atmospheric Administration.

Table 2. U.S. Energy Nominal Prices

Energy Information Administration/Short-Term Energy Outlook - October 2008

	2007				2008				2009				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2007	2008	2009
Crude Oil (dollars per barrel)															
West Texas Intermediate Spot Average	**58.08**	**64.97**	**75.46**	**90.75**	**97.94**	**123.95**	**118.05**	*106.33*	*114.00*	*118.33*	*109.67*	*106.00*	**72.32**	*111.57*	*112.00*
Imported Average	**53.13**	**62.30**	**70.38**	**82.44**	**89.73**	**116.03**	**112.22**	*99.32*	*107.04*	*111.34*	*102.72*	*99.00*	**67.13**	*104.35*	*105.11*
Refiner Average Acquisition Cost	**53.95**	**62.44**	**71.34**	**83.96**	**91.15**	**117.30**	**113.41**	*100.87*	*108.48*	*112.83*	*104.21*	*100.50*	**68.09**	*105.78*	*106.52*
Petroleum Products (cents per gallon)															
Refiner Prices for Resale															
Gasoline	**176**	**238**	**222**	**234**	**249**	**315**	**312**	*286*	*303*	*314*	*287*	*272*	**218**	*291*	*294*
Diesel Fuel	**184**	**212**	**224**	**257**	**284**	**365**	**339**	*306*	*322*	*341*	*313*	*300*	**220**	*325*	*319*
Heating Oil	**170**	**196**	**208**	**250**	**269**	**347**	**332**	*297*	*309*	*325*	*296*	*287*	**206**	*302*	*304*
Refiner Prices to End Users															
Jet Fuel	**181**	**209**	**220**	**258**	**284**	**364**	**351**	*308*	*323*	*341*	*314*	*301*	**217**	*327*	*320*
No. 6 Residual Fuel Oil (a)	**111**	**129**	**144**	**174**	**187**	**218**	**254**	*223*	*225*	*228*	*215*	*208*	**139**	*220*	*219*
Propane to Petrochemical Sector	**95**	**111**	**119**	**145**	**145**	**165**	**168**	*152*	*158*	*159*	*159*	*164*	**117**	*156*	*160*
Retail Prices Including Taxes															
Gasoline Regular Grade (b)	**236**	**302**	**285**	**297**	**311**	**376**	**385**	*351*	*362*	*377*	*350*	*334*	**281**	*356*	*356*
Gasoline All Grades (b)	**241**	**306**	**290**	**302**	**316**	**381**	**390**	*356*	*367*	*381*	*355*	*339*	**285**	*361*	*361*
On-highway Diesel Fuel	**255**	**281**	**290**	**327**	**353**	**439**	**434**	*384*	*392*	*414*	*386*	*372*	**288**	*401*	*391*
Heating Oil	**250**	**261**	**268**	**316**	**340**	**401**	**411**	*386*	*391*	*393*	*365*	*362*	**272**	*371*	*380*
Propane	**203**	**211**	**205**	**238**	**250**	**265**	**269**	*267*	*269*	*262*	*253*	*267*	**215**	*260*	*265*
Natural Gas (dollars per thousand cubic feetf)															
Average Wellhead	**6.37**	**6.89**	**5.90**	**6.39**	**7.62**	**9.86**	**8.80**	*7.76*	*8.12*	*7.47*	*7.08*	*7.20*	**6.39**	*8.51*	*7.46*
Henry Hub Spot	**7.41**	**7.76**	**6.35**	**7.19**	**8.92**	**11.73**	**9.29**	*8.76*	*9.15*	*8.24*	*7.43*	*7.90*	**7.17**	*9.67*	*8.17*
End-Use Prices															
Industrial Sector	**7.97**	**8.08**	**6.75**	**7.50**	**8.90**	**11.10**	**10.92**	*9.26*	*9.79*	*8.72*	*7.98*	*8.33*	**7.59**	*9.99*	*8.73*
Commercial Sector	**11.37**	**11.59**	**11.23**	**10.99**	**11.37**	**13.13**	**14.23**	*12.86*	*12.83*	*12.06*	*11.88*	*11.85*	**11.31**	*12.48*	*12.31*
Residential Sector	**12.31**	**14.18**	**16.41**	**12.65**	**12.46**	**15.57**	**19.58**	*15.10*	*14.24*	*14.42*	*16.50*	*13.46*	**13.00**	*14.23*	*14.22*
Electricity															
Power Generation Fuel Costs (dollars per million Btu)															
Coal	**1.76**	**1.78**	**1.78**	**1.79**	**1.91**	**2.03**	**2.03**	*1.96*	*2.00*	*2.01*	*1.99*	*1.96*	**1.78**	*1.98*	*1.99*
Natural Gas	**7.35**	**7.62**	**6.55**	**7.18**	**8.67**	**11.14**	**9.99**	*8.32*	*8.92*	*8.21*	*7.54*	*7.84*	**7.09**	*9.63*	*8.03*
Residual Fuel Oil (c)	**7.18**	**8.36**	**8.53**	**10.71**	**13.34**	**13.97**	**15.39**	*14.12*	*14.09*	*14.29*	*13.59*	*13.09*	**8.40**	*14.38*	*13.75*
Distillate Fuel Oil	**12.44**	**14.48**	**14.75**	**18.96**	**18.89**	**24.32**	**24.31**	*21.84*	*22.66*	*23.78*	*21.75*	*20.99*	**15.17**	*22.34*	*22.29*
End-Use Prices (cents per kilowatthour)															
Industrial Sector	**6.1**	**6.3**	**6.7**	**6.3**	**6.4**	**7.0**	**7.4**	*6.8*	*6.8*	*7.5*	*8.1*	*7.5*	**6.4**	*6.9*	*7.5*
Commercial Sector	**9.3**	**9.7**	**10.0**	**9.6**	**9.6**	**10.3**	**11.0**	*10.4*	*10.4*	*11.1*	*11.9*	*11.4*	**9.7**	*10.3*	*11.2*
Residential Sector	**10.0**	**10.9**	**11.0**	**10.6**	**10.3**	**11.5**	**11.9**	*11.4*	*11.2*	*12.5*	*13.1*	*12.5*	**10.6**	*11.3*	*12.4*

- = no data available

(a) Average for all sulfur contents.

(b) Average self-service cash price.

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

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

Prices exclude taxes unless otherwise noted

Historical data: Latest data available from Energy Information Administration databases supporting the following reports: *Petroleum Marketing Monthly* , DOE/EIA-0380; *Weekly Petroleum Status Report* , DOE/EIA-0208; *Natural Gas Monthly* , DOE/EIA-0130; *Electric Power Monthly* , DOE/EIA-0226; and *Monthly Energy Review* , DOE/EIA-0035.

Natural gas Henry Hub spot price from NGI's *Daily Gas Price Index* (http://Intelligencepress.com); WTI crude oil price from Reuter's News Service (http://www.reuters.com).

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

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

Table 3a. International Petroleum Supply, Consumption, and Inventories
Energy Information Administration/Short-Term Energy Outlook - October 2008

	2007				2008				2009				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2007	2008	2009
Supply (million barrels per day) (a)															
OECD (b)	**21.72**	**21.51**	**21.15**	**21.45**	**21.26**	**21.19**	**20.58**	*21.15*	*21.27*	*21.13*	*20.98*	*21.30*	**21.46**	*21.04*	*21.17*
U.S. (50 States)	**8.38**	**8.50**	**8.36**	**8.58**	**8.62**	**8.75**	**8.23**	*8.69*	*8.93*	*8.96*	*9.01*	*9.21*	**8.45**	*8.58*	*9.03*
Canada	**3.45**	**3.37**	**3.48**	**3.40**	**3.35**	**3.31**	**3.50**	*3.55*	*3.60*	*3.63*	*3.64*	*3.66*	**3.42**	*3.43*	*3.63*
Mexico	**3.59**	**3.61**	**3.46**	**3.35**	**3.30**	**3.20**	**3.18**	*3.12*	*3.01*	*3.03*	*2.98*	*2.93*	**3.50**	*3.20*	*2.99*
North Sea (c)	**4.81**	**4.50**	**4.29**	**4.58**	**4.47**	**4.34**	**4.05**	*4.19*	*4.16*	*3.95*	*3.80*	*3.98*	**4.54**	*4.26*	*3.97*
Other OECD	**1.49**	**1.54**	**1.55**	**1.56**	**1.53**	**1.59**	**1.61**	*1.60*	*1.57*	*1.54*	*1.55*	*1.52*	**1.53**	*1.58*	*1.55*
Non-OECD	**62.21**	**62.66**	**63.08**	**63.82**	**64.04**	**64.59**	**65.19**	*65.52*	*64.63*	*65.26*	*66.33*	*66.23*	**62.95**	*64.84*	*65.62*
OPEC (d)	**34.98**	**35.07**	**35.44**	**36.18**	**36.69**	**36.94**	**37.42**	*37.36*	*36.92*	*37.08*	*37.49*	*37.60*	**35.42**	*37.10*	*37.28*
Crude Oil Portion	**30.44**	**30.58**	**30.93**	**31.65**	**32.10**	**32.33**	**32.65**	*32.44*	*31.73*	*31.52*	*31.64*	*31.47*	**30.90**	*32.38*	*31.59*
Other Liquids	**4.55**	**4.49**	**4.51**	**4.53**	**4.59**	**4.61**	**4.77**	*4.93*	*5.19*	*5.56*	*5.85*	*6.13*	**4.52**	*4.73*	*5.69*
Former Soviet Union (e)	**12.61**	**12.60**	**12.55**	**12.66**	**12.60**	**12.60**	**12.26**	*12.78*	*12.78*	*12.82*	*12.97*	*13.04*	**12.60**	*12.56*	*12.91*
China	**3.92**	**3.96**	**3.87**	**3.86**	**3.93**	**3.99**	**3.93**	*3.94*	*3.90*	*3.92*	*3.92*	*3.93*	**3.90**	*3.95*	*3.92*
Other Non-OECD	**10.70**	**11.04**	**11.21**	**11.13**	**10.83**	**11.07**	**11.58**	*11.43*	*11.02*	*11.43*	*11.94*	*11.65*	**11.02**	*11.23*	*11.51*
Total World Production	**83.93**	**84.17**	**84.23**	**85.28**	**85.31**	**85.78**	**85.76**	*86.67*	*85.91*	*86.38*	*87.30*	*87.53*	**84.40**	*85.88*	*86.79*
Non-OPEC Production	**48.95**	**49.10**	**48.79**	**49.10**	**48.62**	**48.85**	**48.34**	*49.31*	*48.98*	*49.30*	*49.81*	*49.93*	**48.98**	*48.78*	*49.51*
Consumption (million barrels per day) (f)															
OECD (b)	**49.74**	**48.22**	**48.84**	**49.78**	**48.67**	**47.10**	**47.40**	*49.09*	*48.35*	*46.45*	*47.09*	*48.37*	**49.14**	*48.07*	*47.56*
U.S. (50 States)	**20.79**	**20.63**	**20.73**	**20.58**	**19.88**	**19.68**	**19.56**	*20.25*	*19.74*	*19.61*	*19.71*	*19.93*	**20.68**	*19.85*	*19.75*
U.S. Territories	**0.30**	**0.32**	**0.33**	**0.32**	**0.27**	**0.28**	**0.28**	*0.30*	*0.30*	*0.29*	*0.28*	*0.30*	**0.32**	*0.28*	*0.29*
Canada	**2.38**	**2.30**	**2.43**	**2.39**	**2.37**	**2.26**	**2.35**	*2.40*	*2.34*	*2.25*	*2.32*	*2.37*	**2.37**	*2.34*	*2.32*
Europe	**15.23**	**14.95**	**15.41**	**15.62**	**15.20**	**14.88**	**15.22**	*15.31*	*15.02*	*14.63*	*15.02*	*15.24*	**15.30**	*15.15*	*14.98*
Japan	**5.43**	**4.64**	**4.70**	**5.25**	**5.41**	**4.59**	**4.71**	*5.19*	*5.41*	*4.42*	*4.56*	*4.99*	**5.01**	*4.98*	*4.84*
Other OECD	**5.60**	**5.37**	**5.24**	**5.62**	**5.55**	**5.40**	**5.28**	*5.64*	*5.54*	*5.25*	*5.20*	*5.55*	**5.46**	*5.47*	*5.39*
Non-OECD	**36.10**	**36.67**	**36.72**	**37.16**	**37.35**	**38.14**	**38.20**	*38.58*	*38.58*	*39.56*	*39.50*	*39.78*	**36.67**	*38.07*	*39.36*
Former Soviet Union	**4.25**	**4.32**	**4.22**	**4.32**	**4.34**	**4.49**	**4.38**	*4.43*	*4.45*	*4.64*	*4.57*	*4.52*	**4.28**	*4.41*	*4.54*
Europe	**0.85**	**0.78**	**0.73**	**0.79**	**0.86**	**0.80**	**0.75**	*0.81*	*0.88*	*0.82*	*0.76*	*0.83*	**0.79**	*0.80*	*0.82*
China	**7.33**	**7.52**	**7.59**	**7.87**	**7.72**	**7.94**	**8.07**	*8.34*	*8.15*	*8.40*	*8.41*	*8.72*	**7.58**	*8.02*	*8.42*
Other Asia	**8.74**	**8.83**	**8.64**	**8.93**	**8.86**	**8.92**	**8.68**	*8.99*	*8.93*	*9.02*	*8.74*	*9.03*	**8.78**	*8.86*	*8.93*
Other Non-OECD	**14.94**	**15.22**	**15.54**	**15.25**	**15.58**	**15.99**	**16.32**	*16.02*	*16.17*	*16.69*	*17.02*	*16.69*	**15.24**	*15.98*	*16.64*
Total World Consumption	**85.84**	**84.89**	**85.56**	**86.94**	**86.03**	**85.23**	**85.60**	*87.68*	*86.93*	*86.01*	*86.59*	*88.16*	**85.81**	*86.14*	*86.92*
Inventory Net Withdrawals (million barrels per day)															
U.S. (50 States)	**0.47**	**-0.57**	**0.14**	**0.56**	**0.14**	**-0.36**	**0.28**	*0.05*	*0.10*	*-0.59*	*-0.08*	*0.29*	**0.15**	*0.03*	*-0.07*
Other OECD (b)	**0.22**	**-0.12**	**-0.14**	**0.28**	**-0.09**	**0.37**	**-0.54**	*0.41*	*0.39*	*0.09*	*-0.26*	*0.14*	**0.06**	*0.04*	*0.09*
Other Stock Draws and Balance	**1.22**	**1.41**	**1.32**	**0.83**	**0.68**	**-0.56**	**0.09**	*0.55*	*0.53*	*0.12*	*-0.37*	*0.19*	**1.20**	*0.19*	*0.12*
Total Stock Draw	**1.91**	**0.72**	**1.33**	**1.67**	**0.72**	**-0.55**	**-0.17**	*1.01*	*1.03*	*-0.38*	*-0.71*	*0.63*	**1.41**	*0.25*	*0.14*
End-of-period Inventories (million barrels)															
U.S. Commercial Inventory	**989**	**1,039**	**1,024**	**968**	**953**	**980**	**955**	*951*	*941*	*993*	*1,001*	*974*	**968**	*951*	*974*
OECD Commercial Inventory (b)	**2,594**	**2,659**	**2,653**	**2,569**	**2,561**	**2,561**	**2,587**	*2,544*	*2,499*	*2,543*	*2,575*	*2,534*	**2,569**	*2,544*	*2,534*

- = no data available

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

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

(c) Includes offshore supply from Denmark, Germany, the Netherlands, Norway, and the United Kingdom.

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

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

(f) Consumption of petroleum by the OECD countries is synonymous with "petroleum product supplied," defined in the glossary of the EIA *Petroleum Supply Monthly* , DOE/EIA-0109. Consumption of petroleum by the non-OECD countries is "apparent consumption," which includes internal consumption, refinery fuel and loss, and bunkering.

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

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

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

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

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

Energy Information Administration/Short-Term Energy Outlook - October 2008

	2007				2008				2009				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2007	2008	2009
North America	**15.42**	**15.48**	**15.31**	**15.32**	**15.27**	**15.27**	**14.91**	*15.36*	*15.54*	*15.63*	*15.63*	*15.80*	**15.38**	*15.20*	*15.65*
Canada	**3.45**	**3.37**	**3.48**	**3.40**	**3.35**	**3.31**	**3.50**	*3.55*	*3.60*	*3.63*	*3.64*	*3.66*	**3.42**	*3.43*	*3.63*
Mexico	**3.59**	**3.61**	**3.46**	**3.35**	**3.30**	**3.20**	**3.18**	*3.12*	*3.01*	*3.03*	*2.98*	*2.93*	**3.50**	*3.20*	*2.99*
United States	**8.38**	**8.50**	**8.36**	**8.58**	**8.62**	**8.75**	**8.23**	*8.69*	*8.93*	*8.96*	*9.01*	*9.21*	**8.45**	*8.58*	*9.03*
Central and South America	**3.74**	**4.12**	**4.26**	**4.14**	**3.79**	**4.11**	**4.58**	*4.46*	*4.01*	*4.43*	*4.96*	*4.66*	**4.07**	*4.24*	*4.52*
Argentina	**0.80**	**0.80**	**0.79**	**0.78**	**0.79**	**0.73**	**0.78**	*0.78*	*0.78*	*0.78*	*0.77*	*0.77*	**0.79**	*0.77*	*0.77*
Brazil	**1.97**	**2.32**	**2.48**	**2.34**	**1.98**	**2.34**	**2.76**	*2.67*	*2.23*	*2.66*	*3.18*	*2.89*	**2.28**	*2.44*	*2.74*
Colombia	**0.53**	**0.53**	**0.54**	**0.57**	**0.57**	**0.59**	**0.57**	*0.55*	*0.54*	*0.53*	*0.54*	*0.54*	**0.54**	*0.57*	*0.54*
Other Central and S. America	**0.45**	**0.46**	**0.45**	**0.45**	**0.45**	**0.45**	**0.47**	*0.46*	*0.46*	*0.46*	*0.46*	*0.46*	**0.45**	*0.46*	*0.46*
Europe	**5.47**	**5.17**	**4.96**	**5.24**	**5.14**	**5.01**	**4.71**	*4.84*	*4.80*	*4.58*	*4.43*	*4.61*	**5.21**	*4.92*	*4.61*
Norway	**2.73**	**2.47**	**2.48**	**2.58**	**2.51**	**2.42**	**2.38**	*2.37*	*2.38*	*2.27*	*2.25*	*2.34*	**2.57**	*2.42*	*2.31*
United Kingdom (offshore)	**1.70**	**1.66**	**1.44**	**1.63**	**1.61**	**1.58**	**1.33**	*1.46*	*1.42*	*1.33*	*1.21*	*1.31*	**1.61**	*1.50*	*1.32*
Other North Sea	**0.38**	**0.37**	**0.37**	**0.37**	**0.35**	**0.34**	**0.34**	*0.36*	*0.36*	*0.35*	*0.34*	*0.33*	**0.37**	*0.35*	*0.35*
FSU and Eastern Europe	**12.83**	**12.81**	**12.77**	**12.88**	**12.83**	**12.83**	**12.49**	*13.01*	*13.00*	*13.05*	*13.19*	*13.26*	**12.82**	*12.79*	*13.13*
Azerbaijan	**0.84**	**0.88**	**0.80**	**0.88**	**0.91**	**0.98**	**0.69**	*1.09*	*1.15*	*1.20*	*1.25*	*1.30*	**0.85**	*0.92*	*1.22*
Kazakhstan	**1.44**	**1.45**	**1.43**	**1.46**	**1.48**	**1.45**	**1.36**	*1.47*	*1.48*	*1.51*	*1.54*	*1.57*	**1.44**	*1.44*	*1.53*
Russia	**9.89**	**9.84**	**9.90**	**9.88**	**9.79**	**9.75**	**9.79**	*9.79*	*9.72*	*9.69*	*9.76*	*9.75*	**9.88**	*9.78*	*9.73*
Turkmenistan	**0.19**	**0.17**	**0.18**	**0.18**	**0.19**	**0.19**	**0.19**	*0.19*	*0.19*	*0.20*	*0.20*	*0.20*	**0.18**	*0.19*	*0.20*
Other FSU/Eastern Europe	**0.66**	**0.65**	**0.65**	**0.66**	**0.66**	**0.66**	**0.65**	*0.66*	*0.65*	*0.65*	*0.64*	*0.64*	**0.65**	*0.66*	*0.65*
Middle East	**1.54**	**1.51**	**1.51**	**1.53**	**1.56**	**1.54**	**1.52**	*1.52*	*1.53*	*1.51*	*1.50*	*1.51*	**1.52**	*1.54*	*1.51*
Oman	**0.72**	**0.71**	**0.70**	**0.72**	**0.75**	**0.75**	**0.74**	*0.73*	*0.72*	*0.71*	*0.70*	*0.71*	**0.71**	*0.74*	*0.71*
Syria	**0.43**	**0.43**	**0.43**	**0.43**	**0.45**	**0.44**	**0.42**	*0.43*	*0.45*	*0.45*	*0.45*	*0.45*	**0.43**	*0.43*	*0.45*
Yemen	**0.33**	**0.32**	**0.31**	**0.32**	**0.32**	**0.30**	**0.30**	*0.31*	*0.31*	*0.30*	*0.29*	*0.30*	**0.32**	*0.31*	*0.30*
Asia and Oceania	**7.43**	**7.45**	**7.38**	**7.40**	**7.45**	**7.51**	**7.50**	*7.48*	*7.47*	*7.48*	*7.47*	*7.44*	**7.42**	*7.49*	*7.46*
Australia	**0.57**	**0.61**	**0.60**	**0.58**	**0.53**	**0.60**	**0.64**	*0.64*	*0.62*	*0.61*	*0.61*	*0.58*	**0.59**	*0.60*	*0.61*
China	**3.92**	**3.96**	**3.87**	**3.86**	**3.93**	**3.99**	**3.93**	*3.94*	*3.90*	*3.92*	*3.92*	*3.93*	**3.90**	*3.95*	*3.92*
India	**0.89**	**0.87**	**0.88**	**0.88**	**0.89**	**0.88**	**0.86**	*0.87*	*0.88*	*0.88*	*0.87*	*0.87*	**0.88**	*0.88*	*0.88*
Malaysia	**0.71**	**0.70**	**0.70**	**0.70**	**0.74**	**0.71**	**0.72**	*0.70*	*0.71*	*0.70*	*0.71*	*0.69*	**0.70**	*0.72*	*0.70*
Vietnam	**0.36**	**0.34**	**0.34**	**0.36**	**0.34**	**0.32**	**0.34**	*0.34*	*0.36*	*0.36*	*0.37*	*0.38*	**0.35**	*0.33*	*0.37*
Africa	**2.52**	**2.57**	**2.61**	**2.59**	**2.58**	**2.58**	**2.63**	*2.62*	*2.62*	*2.63*	*2.63*	*2.64*	**2.57**	*2.60*	*2.63*
Egypt	**0.64**	**0.67**	**0.71**	**0.64**	**0.63**	**0.62**	**0.65**	*0.62*	*0.58*	*0.57*	*0.56*	*0.55*	**0.66**	*0.63*	*0.57*
Equatorial Guinea	**0.36**	**0.37**	**0.37**	**0.37**	**0.36**	**0.36**	**0.36**	*0.35*	*0.35*	*0.35*	*0.35*	*0.35*	**0.37**	*0.36*	*0.35*
Gabon	**0.24**	**0.24**	**0.24**	**0.25**	**0.24**	**0.25**	**0.25**	*0.25*	*0.25*	*0.24*	*0.24*	*0.24*	**0.24**	*0.25*	*0.24*
Sudan	**0.40**	**0.45**	**0.49**	**0.52**	**0.52**	**0.52**	**0.52**	*0.53*	*0.55*	*0.58*	*0.60*	*0.60*	**0.47**	*0.52*	*0.59*
Total non-OPEC liquids	**48.95**	**49.10**	**48.79**	**49.10**	**48.62**	**48.85**	**48.34**	*49.31*	*48.98*	*49.30*	*49.81*	*49.93*	**48.98**	*48.78*	*49.51*
OPEC non-crude liquids	**4.55**	**4.49**	**4.51**	**4.53**	**4.59**	**4.61**	**4.77**	*4.93*	*5.19*	*5.56*	*5.85*	*6.13*	**4.52**	*4.73*	*5.69*
Non-OPEC + OPEC non-crude	**53.50**	**53.59**	**53.30**	**53.63**	**53.21**	**53.46**	**53.11**	*54.23*	*54.17*	*54.86*	*55.66*	*56.06*	**53.50**	*53.50*	*55.19*

- = no data available

FSU = Former Soviet Union

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, other liquids, and refinery processing gains, alcohol.

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

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

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

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

Table 3c. OPEC Petroleum Production (million barrels per day)

Energy Information Administration/Short-Term Energy Outlook - October 2008

	2007				2008				2009				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2007	2008	2009
Crude Oil															
Algeria	**1.36**	**1.36**	**1.37**	**1.40**	**1.41**	**1.44**	**1.44**	-	-	-	-	-	**1.37**	-	-
Angola	**1.57**	**1.64**	**1.67**	**1.85**	**1.91**	**1.92**	**1.85**	-	-	-	-	-	**1.68**	-	-
Ecudaor	**0.50**	**0.51**	**0.51**	**0.52**	**0.52**	**0.50**	**0.50**	-	-	-	-	-	**0.51**	-	-
Indonesia	**0.86**	**0.85**	**0.84**	**0.84**	**0.85**	**0.86**	**0.86**	-	-	-	-	-	**0.85**	-	-
Iran	**3.70**	**3.70**	**3.70**	**3.70**	**3.80**	**3.80**	**3.90**	-	-	-	-	-	**3.70**	-	-
Iraq	**1.93**	**2.07**	**2.05**	**2.28**	**2.25**	**2.40**	**2.43**	-	-	-	-	-	**2.08**	-	-
Kuwait	**2.43**	**2.42**	**2.48**	**2.52**	**2.58**	**2.60**	**2.60**	-	-	-	-	-	**2.46**	-	-
Libya	**1.68**	**1.68**	**1.71**	**1.74**	**1.74**	**1.72**	**1.74**	-	-	-	-	-	**1.70**	-	-
Nigeria	**2.11**	**2.06**	**2.15**	**2.16**	**1.99**	**1.90**	**1.90**	-	-	-	-	-	**2.12**	-	-
Qatar	**0.79**	**0.79**	**0.83**	**0.84**	**0.85**	**0.87**	**0.87**	-	-	-	-	-	**0.81**	-	-
Saudi Arabia	**8.65**	**8.60**	**8.67**	**8.97**	**9.20**	**9.32**	**9.57**	-	-	-	-	-	**8.72**	-	-
United Arab Emirates	**2.49**	**2.50**	**2.55**	**2.44**	**2.60**	**2.60**	**2.60**	-	-	-	-	-	**2.49**	-	-
Venezuela	**2.36**	**2.40**	**2.40**	**2.40**	**2.40**	**2.40**	**2.39**	-	-	-	-	-	**2.39**	-	-
OPEC Total	**30.44**	**30.58**	**30.93**	**31.65**	**32.10**	**32.33**	**32.65**	*32.44*	*31.73*	*31.52*	*31.64*	*31.47*	**30.90**	*32.38*	*31.59*
Other Liquids	**4.55**	**4.49**	**4.51**	**4.53**	**4.59**	**4.61**	**4.77**	*4.93*	*5.19*	*5.56*	*5.85*	*6.13*	**4.52**	*4.73*	*5.69*
Total OPEC Supply	**34.98**	**35.07**	**35.44**	**36.18**	**36.69**	**36.94**	**37.42**	*37.36*	*36.92*	*37.08*	*37.49*	*37.60*	**35.42**	*37.10*	*37.28*
Crude Oil Production Capacity															
Algeria	**1.39**	**1.39**	**1.39**	**1.40**	**1.41**	**1.44**	**1.44**	-	-	-	-	-	**1.39**	-	-
Angola	**1.57**	**1.64**	**1.67**	**1.85**	**1.91**	**1.92**	**1.85**	-	-	-	-	-	**1.68**	-	-
Ecudaor	**0.50**	**0.51**	**0.51**	**0.52**	**0.52**	**0.50**	**0.50**	-	-	-	-	-	**0.51**	-	-
Indonesia	**0.86**	**0.85**	**0.84**	**0.84**	**0.85**	**0.86**	**0.86**	-	-	-	-	-	**0.85**	-	-
Iran	**3.75**	**3.75**	**3.75**	**3.70**	**3.80**	**3.80**	**3.90**	-	-	-	-	-	**3.74**	-	-
Iraq	**1.93**	**2.07**	**2.06**	**2.30**	**2.30**	**2.42**	**2.43**	-	-	-	-	-	**2.09**	-	-
Kuwait	**2.60**	**2.60**	**2.60**	**2.60**	**2.60**	**2.60**	**2.60**	-	-	-	-	-	**2.60**	-	-
Libya	**1.70**	**1.70**	**1.71**	**1.74**	**1.74**	**1.72**	**1.74**	-	-	-	-	-	**1.71**	-	-
Nigeria	**2.11**	**2.06**	**2.15**	**2.16**	**1.99**	**1.90**	**1.90**	-	-	-	-	-	**2.12**	-	-
Qatar	**0.82**	**0.82**	**0.83**	**0.84**	**0.85**	**0.87**	**0.94**	-	-	-	-	-	**0.83**	-	-
Saudi Arabia	**10.50**	**10.50**	**10.50**	**10.50**	**10.60**	**10.80**	**10.80**	-	-	-	-	-	**10.50**	-	-
United Arab Emirates	**2.60**	**2.60**	**2.60**	**2.45**	**2.60**	**2.60**	**2.60**	-	-	-	-	-	**2.56**	-	-
Venezuela	**2.45**	**2.43**	**2.40**	**2.40**	**2.40**	**2.40**	**2.39**	-	-	-	-	-	**2.42**	-	-
OPEC Total	**32.78**	**32.92**	**33.02**	**33.29**	**33.56**	**33.83**	**33.95**	*34.37*	*34.77*	*34.76*	*34.88*	*34.90*	**33.00**	*33.93*	*34.83*
Surplus Crude Oil Production Capacity															
Algeria	**0.03**	**0.03**	**0.02**	**0.00**	**0.00**	**0.00**	**0.00**	-	-	-	-	-	**0.02**	-	-
Angola	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	-	-	-	-	-	**0.00**	-	-
Ecudaor	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	-	-	-	-	-	**0.00**	-	-
Indonesia	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	-	-	-	-	-	**0.00**	-	-
Iran	**0.05**	**0.05**	**0.05**	**0.00**	**0.00**	**0.00**	**0.00**	-	-	-	-	-	**0.04**	-	-
Iraq	**0.00**	**0.00**	**0.02**	**0.02**	**0.05**	**0.02**	**0.00**	-	-	-	-	-	**0.01**	-	-
Kuwait	**0.17**	**0.18**	**0.12**	**0.08**	**0.02**	**0.00**	**0.00**	-	-	-	-	-	**0.14**	-	-
Libya	**0.02**	**0.02**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	-	-	-	-	-	**0.01**	-	-
Nigeria	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	-	-	-	-	-	**0.00**	-	-
Qatar	**0.03**	**0.03**	**0.00**	**0.00**	**0.00**	**0.00**	**0.07**	-	-	-	-	-	**0.01**	-	-
Saudi Arabia	**1.85**	**1.90**	**1.83**	**1.53**	**1.40**	**1.48**	**1.23**	-	-	-	-	-	**1.78**	-	-
United Arab Emirates	**0.11**	**0.10**	**0.05**	**0.02**	**0.00**	**0.00**	**0.00**	-	-	-	-	-	**0.07**	-	-
Venezuela	**0.09**	**0.03**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	-	-	-	-	-	**0.03**	-	-
OPEC Total	**2.35**	**2.34**	**2.09**	**1.64**	**1.47**	**1.50**	**1.30**	*1.94*	*3.04*	*3.24*	*3.24*	*3.44*	**2.10**	*1.55*	*3.24*

- = 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.

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

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

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

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

Energy Information Administration/Short-Term Energy Outlook - October 2008

	2007				2008				2009				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2007	2008	2009
Supply (million barrels per day)															
Crude Oil Supply															
Domestic Production (a)	**5.11**	**5.16**	**4.94**	**5.04**	**5.12**	**5.15**	**4.61**	*4.98*	*5.22*	*5.23*	*5.25*	*5.45*	**5.06**	*4.96*	*5.29*
Alaska	**0.76**	**0.74**	**0.65**	**0.72**	**0.71**	**0.68**	**0.61**	*0.65*	*0.64*	*0.59*	*0.54*	*0.59*	**0.72**	*0.66*	*0.59*
Federal Gulf of Mexico (b)	**1.31**	**1.34**	**1.22**	**1.24**	**1.33**	**1.35**	**0.96**	*1.18*	*1.41*	*1.48*	*1.50*	*1.58*	**1.28**	*1.20*	*1.49*
Lower 48 States (excl GOM)	**3.05**	**3.08**	**3.06**	**3.07**	**3.07**	**3.11**	**3.05**	*3.15*	*3.17*	*3.17*	*3.21*	*3.28*	**3.07**	*3.10*	*3.21*
Crude Oil Net Imports (c)	**9.87**	**10.13**	**10.15**	**9.86**	**9.72**	**9.84**	**9.50**	*9.50*	*9.16*	*9.62*	*9.32*	*8.91*	**10.00**	*9.64*	*9.25*
SPR Net Withdrawals	**0.00**	**-0.02**	**-0.03**	**-0.04**	**-0.04**	**-0.06**	**0.02**	*0.00*	*-0.01*	*-0.02*	*0.00*	*0.00*	**-0.02**	*-0.02*	*-0.01*
Commercial Inventory Net Withdrawals	**-0.21**	**-0.25**	**0.47**	**0.27**	**-0.30**	**0.20**	**0.01**	*0.01*	*-0.20*	*-0.01*	*0.15*	*0.01*	**0.07**	*-0.02*	*-0.01*
Crude Oil Adjustment (d)	**-0.02**	**0.20**	**0.00**	**-0.03**	**0.09**	**0.04**	**0.20**	*-0.06*	*0.05*	*0.08*	*0.02*	*-0.02*	**0.04**	*0.07*	*0.03*
Total Crude Oil Input to Refineries	**14.77**	**15.23**	**15.53**	**15.09**	**14.59**	**15.16**	**14.34**	*14.44*	*14.23*	*14.91*	*14.74*	*14.35*	**15.16**	*14.63*	*14.56*
Other Supply															
Refinery Processing Gain	**0.98**	**0.96**	**1.01**	**1.03**	**0.98**	**0.97**	**0.99**	*1.02*	*0.99*	*0.99*	*1.00*	*1.02*	**1.00**	*0.99*	*1.00*
Natural Gas Liquids Production	**1.72**	**1.78**	**1.78**	**1.85**	**1.82**	**1.87**	**1.83**	*1.89*	*1.89*	*1.91*	*1.91*	*1.89*	**1.78**	*1.85*	*1.90*
Other HC/Oxygenates Adjustment (e)	**0.56**	**0.60**	**0.63**	**0.66**	**0.70**	**0.77**	**0.80**	*0.80*	*0.82*	*0.84*	*0.85*	*0.85*	**0.61**	*0.77*	*0.84*
Fuel Ethanol Production	**0.38**	**0.40**	**0.44**	**0.48**	**0.53**	**0.58**	**0.62**	*0.63*	*0.64*	*0.66*	*0.66*	*0.67*	**0.43**	*0.59*	*0.66*
Product Net Imports (c)	**2.09**	**2.36**	**2.08**	**1.61**	**1.33**	**1.41**	**1.35**	*2.07*	*1.49*	*1.53*	*1.44*	*1.53*	**2.03**	*1.54*	*1.50*
Pentanes Plus	**0.02**	**0.02**	**0.03**	**0.00**	**-0.01**	**-0.01**	**0.00**	*0.00*	*-0.01*	*0.00*	*0.00*	*0.00*	**0.02**	*0.00*	*0.00*
Liquefied Petroleum Gas	**0.20**	**0.18**	**0.19**	**0.19**	**0.16**	**0.13**	**0.16**	*0.20*	*0.11*	*0.12*	*0.10*	*0.15*	**0.19**	*0.16*	*0.12*
Unfinished Oils	**0.74**	**0.79**	**0.68**	**0.66**	**0.75**	**0.76**	**0.81**	*0.78*	*0.77*	*0.79*	*0.84*	*0.76*	**0.72**	*0.78*	*0.79*
Other HC/Oxygenates	**-0.04**	**-0.05**	**-0.03**	**-0.05**	**-0.04**	**-0.02**	**-0.02**	*-0.03*	*-0.03*	*-0.05*	*-0.04*	*-0.05*	**-0.04**	*-0.03*	*-0.04*
Motor Gasoline Blend Comp.	**0.66**	**0.84**	**0.75**	**0.70**	**0.59**	**0.84**	**0.73**	*0.74*	*0.69*	*0.89*	*0.81*	*0.70*	**0.74**	*0.73*	*0.77*
Finished Motor Gasoline	**0.22**	**0.41**	**0.35**	**0.17**	**0.21**	**0.21**	**0.13**	*0.19*	*0.10*	*0.21*	*0.14*	*0.06*	**0.29**	*0.18*	*0.13*
Jet Fuel	**0.18**	**0.23**	**0.19**	**0.11**	**0.06**	**0.07**	**0.01**	*0.08*	*0.03*	*0.05*	*0.06*	*0.05*	**0.18**	*0.06*	*0.05*
Distillate Fuel Oil	**0.15**	**0.07**	**0.04**	**-0.11**	**-0.10**	**-0.36**	**-0.33**	*0.03*	*-0.06*	*-0.21*	*-0.24*	*-0.10*	**0.04**	*-0.19*	*-0.15*
Residual Fuel Oil	**0.12**	**0.02**	**0.01**	**0.02**	**-0.03**	**-0.01**	**-0.01**	*0.13*	*0.00*	*-0.06*	*-0.06*	*0.06*	**0.04**	*0.02*	*-0.02*
Other Oils (f)	**-0.16**	**-0.14**	**-0.13**	**-0.07**	**-0.26**	**-0.21**	**-0.14**	*-0.06*	*-0.12*	*-0.20*	*-0.18*	*-0.09*	**-0.12**	*-0.16*	*-0.15*
Product Inventory Net Withdrawals	**0.67**	**-0.30**	**-0.30**	**0.33**	**0.47**	**-0.50**	**0.25**	*0.04*	*0.31*	*-0.56*	*-0.23*	*0.28*	**0.10**	*0.07*	*-0.05*
Total Supply	**20.79**	**20.63**	**20.73**	**20.58**	**19.90**	**19.68**	**19.56**	*20.25*	*19.73*	*19.61*	*19.71*	*19.93*	**20.68**	*19.85*	*19.74*
Consumption (million barrels per day)															
Natural Gas Liquids and Other Liquids															
Pentanes Plus	**0.10**	**0.10**	**0.11**	**0.11**	**0.11**	**0.07**	**0.09**	*0.11*	*0.10*	*0.10*	*0.10*	*0.11*	**0.11**	*0.09*	*0.10*
Liquefied Petroleum Gas	**2.38**	**1.92**	**1.92**	**2.13**	**2.25**	**1.86**	**1.88**	*2.15*	*2.26*	*1.85*	*1.89*	*2.12*	**2.08**	*2.04*	*2.03*
Unfinished Oils	**0.10**	**0.05**	**-0.06**	**0.03**	**0.00**	**-0.06**	**-0.09**	*0.03*	*0.01*	*0.00*	*-0.04*	*-0.01*	**0.03**	*-0.03*	*-0.01*
Finished Petroleum Products															
Motor Gasoline	**9.02**	**9.38**	**9.49**	**9.24**	**8.91**	**9.14**	**9.12**	*9.15*	*8.80*	*9.15*	*9.17*	*9.09*	**9.29**	*9.08*	*9.05*
Jet Fuel	**1.60**	**1.64**	**1.63**	**1.61**	**1.54**	**1.58**	**1.54**	*1.54*	*1.49*	*1.53*	*1.54*	*1.51*	**1.62**	*1.55*	*1.52*
Distillate Fuel Oil	**4.38**	**4.13**	**4.11**	**4.16**	**4.20**	**3.92**	**3.84**	*4.07*	*4.17*	*3.94*	*3.85*	*4.02*	**4.20**	*4.01*	*3.99*
Residual Fuel Oil	**0.80**	**0.70**	**0.70**	**0.69**	**0.60**	**0.68**	**0.58**	*0.68*	*0.62*	*0.56*	*0.55*	*0.64*	**0.72**	*0.63*	*0.59*
Other Oils (f)	**2.39**	**2.69**	**2.82**	**2.61**	**2.27**	**2.49**	**2.61**	*2.52*	*2.29*	*2.48*	*2.64*	*2.45*	**2.63**	*2.47*	*2.47*
Total Consumption	**20.79**	**20.63**	**20.73**	**20.58**	**19.88**	**19.68**	**19.56**	*20.25*	*19.73*	*19.61*	*19.71*	*19.93*	**20.68**	*19.85*	*19.74*
Total Petroleum Net Imports	**11.96**	**12.49**	**12.23**	**11.47**	**11.05**	**11.25**	**10.85**	*11.57*	*10.66*	*11.15*	*10.76*	*10.44*	**12.04**	*11.18*	*10.75*
End-of-period Inventories (million barrels)															
Commercial Inventory															
Crude Oil (excluding SPR)	**330.9**	**354.1**	**311.1**	**286.1**	**313.1**	**294.7**	**293.9**	*292.7*	*310.7*	*311.3*	*297.6*	*296.5*	**286.1**	*292.7*	*296.5*
Pentanes Plus	**11.3**	**10.9**	**12.1**	**10.3**	**9.1**	**12.9**	**14.7**	*11.9*	*11.3*	*12.4*	*12.8*	*10.7*	**10.3**	*11.9*	*10.7*
Liquefied Petroleum Gas	**70.4**	**103.0**	**125.7**	**95.6**	**64.7**	**103.1**	**126.7**	*100.0*	*68.1*	*107.5*	*133.7*	*102.3*	**95.6**	*100.0*	*102.3*
Unfinished Oils	**95.2**	**88.6**	**90.9**	**81.2**	**90.2**	**88.7**	**87.5**	*81.1*	*92.8*	*89.3*	*88.4*	*81.5*	**81.2**	*81.1*	*81.5*
Other HC/Oxygenates	**10.2**	**10.6**	**13.4**	**11.7**	**13.3**	**13.8**	**15.3**	*14.5*	*15.5*	*15.2*	*16.2*	*15.3*	**11.7**	*14.5*	*15.3*
Total Motor Gasoline	**201.6**	**205.5**	**200.0**	**218.1**	**221.2**	**209.8**	**179.9**	*201.7*	*204.9*	*208.8*	*200.8*	*208.0*	**218.1**	*201.7*	*208.0*
Finished Motor Gasoline	**109.2**	**116.6**	**113.2**	**111.4**	**110.0**	**107.0**	**86.8**	*100.8*	*100.0*	*107.1*	*100.5*	*104.0*	**111.4**	*100.8*	*104.0*
Motor Gasoline Blend Comp.	**92.4**	**88.9**	**86.8**	**106.7**	**111.2**	**102.8**	**93.1**	*100.8*	*104.9*	*101.7*	*100.3*	*104.1*	**106.7**	*100.8*	*104.1*
Jet Fuel	**40.1**	**41.1**	**42.9**	**39.5**	**38.4**	**39.7**	**36.0**	*36.3*	*36.1*	*37.7*	*39.3*	*38.6*	**39.5**	*36.3*	*38.6*
Distillate Fuel Oil	**120.0**	**123.8**	**134.2**	**133.9**	**107.2**	**121.1**	**122.5**	*127.2*	*104.4*	*115.2*	*126.4*	*131.1*	**133.9**	*127.2*	*131.1*
Residual Fuel Oil	**39.6**	**36.1**	**37.0**	**39.3**	**39.4**	**41.6**	**36.3**	*38.7*	*38.3*	*38.1*	*36.2*	*38.0*	**39.3**	*38.7*	*38.0*
Other Oils (f)	**69.7**	**65.6**	**56.4**	**52.7**	**56.1**	**54.2**	**42.5**	*46.9*	*59.0*	*57.3*	*49.2*	*51.5*	**52.7**	*46.9*	*51.5*
Total Commercial Inventory	**989**	**1,039**	**1,024**	**968**	**953**	**980**	**955**	*951*	*941*	*993*	*1,001*	*974*	**968**	*951*	*974*
Crude Oil in SPR	**689**	**690**	**693**	**697**	**700**	**706**	**704**	*704*	*705*	*707*	*707*	*707*	**697**	*704*	*707*
Heating Oil Reserve	**2.0**	**2.0**	**2.0**	**2.0**	**2.0**	**2.0**	**2.0**	*2.0*	*2.0*	*2.0*	*2.0*	*2.0*	**2.0**	*2.0*	*2.0*

- = no data available

(a) Includes lease condensate.

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

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

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

(e) Other HC/oxygenates adjustment balances supply and consumption and includes MTBE and fuel ethanol production reported in the EIA-819M *Monthly Oxygenate Report* . This adjustment was previously referred to as "Field Production."

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

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

SPR: Strategic Petroleum Reserve

HC: Hydrocarbons

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

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

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

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

Energy Information Administration/Short-Term Energy Outlook - October 2008

	2007				2008				2009				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2007	2008	2009
Refinery Inputs															
Crude Oil	**14.77**	**15.23**	**15.53**	**15.09**	**14.59**	**15.16**	**14.34**	*14.44*	*14.23*	*14.91*	*14.74*	*14.35*	**15.16**	*14.63*	*14.56*
Pentanes Plus	**0.17**	**0.19**	**0.18**	**0.18**	**0.15**	**0.16**	**0.17**	*0.19*	*0.17*	*0.17*	*0.17*	*0.19*	**0.18**	*0.17*	*0.18*
Liquefied Petroleum Gas	**0.33**	**0.27**	**0.29**	**0.42**	**0.36**	**0.29**	**0.31**	*0.40*	*0.35*	*0.29*	*0.31*	*0.42*	**0.33**	*0.34*	*0.34*
Other Hydrocarbons/Oxygenates	**0.47**	**0.48**	**0.49**	**0.52**	**0.54**	**0.60**	**0.65**	*0.67*	*0.68*	*0.68*	*0.68*	*0.70*	**0.49**	*0.62*	*0.68*
Unfinished Oils	**0.52**	**0.80**	**0.71**	**0.74**	**0.67**	**0.84**	**0.92**	*0.82*	*0.63*	*0.83*	*0.89*	*0.84*	**0.69**	*0.81*	*0.80*
Motor Gasoline Blend Components	**0.18**	**0.32**	**0.20**	**-0.09**	**0.28**	**0.63**	**0.43**	*0.23*	*0.33*	*0.50*	*0.38*	*0.22*	**0.15**	*0.39*	*0.36*
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 Inputs	**16.43**	**17.29**	**17.41**	**16.86**	**16.58**	**17.68**	**16.82**	*16.74*	*16.39*	*17.38*	*17.18*	*16.71*	**17.00**	*16.96*	*16.92*
Refinery Processing Gain	**0.98**	**0.96**	**1.01**	**1.03**	**0.98**	**0.97**	**0.99**	*1.02*	*0.99*	*0.99*	*1.00*	*1.02*	**1.00**	*0.99*	*1.00*
Refinery Outputs															
Liquefied Petroleum Gas	**0.56**	**0.86**	**0.76**	**0.45**	**0.55**	**0.85**	**0.74**	*0.44*	*0.53*	*0.83*	*0.74*	*0.44*	**0.65**	*0.64*	*0.63*
Finished Motor Gasoline	**8.16**	**8.43**	**8.46**	**8.38**	**8.34**	**8.45**	**8.26**	*8.58*	*8.27*	*8.49*	*8.39*	*8.51*	**8.36**	*8.41*	*8.42*
Jet Fuel	**1.44**	**1.43**	**1.46**	**1.47**	**1.47**	**1.52**	**1.49**	*1.46*	*1.46*	*1.50*	*1.50*	*1.45*	**1.45**	*1.48*	*1.48*
Distillate Fuel	**3.98**	**4.10**	**4.18**	**4.27**	**4.01**	**4.44**	**4.18**	*4.09*	*3.97*	*4.27*	*4.21*	*4.17*	**4.13**	*4.18*	*4.16*
Residual Fuel	**0.66**	**0.64**	**0.70**	**0.69**	**0.63**	**0.71**	**0.52**	*0.57*	*0.61*	*0.62*	*0.59*	*0.60*	**0.67**	*0.61*	*0.61*
Other Oils (a)	**2.63**	**2.79**	**2.85**	**2.65**	**2.57**	**2.68**	**2.62**	*2.62*	*2.55*	*2.66*	*2.73*	*2.56*	**2.73**	*2.62*	*2.63*
Total Refinery Output	**17.41**	**18.25**	**18.41**	**17.89**	**17.57**	**18.65**	**17.81**	*17.76*	*17.38*	*18.37*	*18.18*	*17.73*	**17.99**	*17.95*	*17.92*
Refinery Distillation Inputs	**15.12**	**15.49**	**15.77**	**15.41**	**14.89**	**15.52**	**14.62**	*14.81*	*14.60*	*15.26*	*15.10*	*14.72*	**15.45**	*14.96*	*14.92*
Refinery Operable Distillation Capacity	**17.44**	**17.45**	**17.46**	**17.45**	**17.59**	**17.60**	**17.60**	*17.61*	*17.61*	*17.61*	*17.61*	*17.61*	**17.45**	*17.60*	*17.61*
Refinery Distillation Utilization Factor	**0.87**	**0.89**	**0.90**	**0.88**	**0.85**	**0.88**	**0.83**	*0.84*	*0.83*	*0.87*	*0.86*	*0.84*	**0.89**	*0.85*	*0.85*

- = no data available

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

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

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

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

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

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

Energy Information Administration/Short-Term Energy Outlook - October 2008

	2007				2008				2009				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2007	2008	2009
Prices (cents per gallon)															
Refiner Wholesale Price	**176**	**238**	**222**	**234**	**249**	**315**	**312**	*286*	*303*	*314*	*287*	*272*	**218**	*291*	*294*
Gasoline Regular Grade Retail Prices Excluding Taxes															
PADD 1 (East Coast)	**186**	**244**	**231**	**246**	**263**	**325**	**333**	*302*	*313*	*325*	*299*	*284*	**227**	*306*	*305*
PADD 2 (Midwest)	**183**	**254**	**243**	**245**	**260**	**325**	**332**	*299*	*312*	*324*	*299*	*282*	**232**	*304*	*304*
PADD 3 (Gulf Coast)	**181**	**247**	**233**	**243**	**260**	**323**	**332**	*298*	*310*	*321*	*296*	*280*	**226**	*304*	*302*
PADD 4 (Rocky Mountain)	**182**	**259**	**246**	**248**	**255**	**321**	**345**	*304*	*310*	*328*	*309*	*289*	**235**	*307*	*309*
PADD 5 (West Coast)	**213**	**266**	**235**	**257**	**268**	**339**	**345**	*313*	*327*	*345*	*315*	*299*	**243**	*317*	*321*
U.S. Average	**188**	**251**	**236**	**247**	**262**	**327**	**334**	*302*	*314*	*328*	*302*	*286*	**231**	*307*	*307*
Gasoline Regular Grade Retail Prices Including Taxes															
PADD 1	**235**	**295**	**280**	**296**	**312**	**374**	**383**	*351*	*362*	*375*	*348*	*333*	**277**	*355*	*354*
PADD 2	**229**	**302**	**292**	**294**	**307**	**373**	**381**	*347*	*358*	*371*	*346*	*330*	**280**	*352*	*351*
PADD 3	**222**	**289**	**275**	**284**	**301**	**364**	**374**	*341*	*351*	*364*	*338*	*322*	**268**	*345*	*344*
PADD 4	**228**	**307**	**292**	**295**	**302**	**367**	**391**	*352*	*356*	*375*	*355*	*335*	**281**	*353*	*355*
PADD 5	**268**	**326**	**292**	**316**	**327**	**398**	**405**	*367*	*381*	*401*	*371*	*354*	**301**	*375*	*377*
U.S. Average	**236**	**302**	**285**	**297**	**311**	**376**	**385**	*351*	*362*	*377*	*350*	*334*	**281**	*356*	*356*
Gasoline All Grades Including Taxes	**241**	**306**	**290**	**302**	**316**	**381**	**390**	*356*	*367*	*381*	*355*	*339*	**285**	*361*	*361*
End-of-period Inventories (million barrels)															
Total Gasoline Inventories															
PADD 1	**54.3**	**53.5**	**51.8**	**59.9**	**59.4**	**59.2**	**44.0**	*52.6*	*54.8*	*58.3*	*54.7*	*55.6*	**59.9**	*52.6*	*55.6*
PADD 2	**49.1**	**49.8**	**49.9**	**52.7**	**52.4**	**51.3**	**47.5**	*51.7*	*51.0*	*50.5*	*49.9*	*51.2*	**52.7**	*51.7*	*51.2*
PADD 3	**63.7**	**65.3**	**63.3**	**67.2**	**71.5**	**64.7**	**55.8**	*62.1*	*64.1*	*65.1*	*63.0*	*66.1*	**67.2**	*62.1*	*66.1*
PADD 4	**6.5**	**6.3**	**6.1**	**6.5**	**6.7**	**6.6**	**6.3**	*6.7*	*6.6*	*5.8*	*5.7*	*6.3*	**6.5**	*6.7*	*6.3*
PADD 5	**28.0**	**30.7**	**28.8**	**31.8**	**31.3**	**28.0**	**26.2**	*28.6*	*28.5*	*29.0*	*27.6*	*28.9*	**31.8**	*28.6*	*28.9*
U.S. Total	**201.6**	**205.5**	**200.0**	**218.1**	**221.2**	**209.8**	**179.9**	*201.7*	*204.9*	*208.8*	*200.8*	*208.0*	**218.1**	*201.7*	*208.0*
Finished Gasoline Inventories															
PADD 1	**25.8**	**29.9**	**29.5**	**29.1**	**27.0**	**28.8**	**18.3**	*24.1*	*23.0*	*27.6*	*25.0*	*25.5*	**29.1**	*24.1*	*25.5*
PADD 2	**33.6**	**34.5**	**34.1**	**35.6**	**34.5**	**33.6**	**29.0**	*33.0*	*32.3*	*32.8*	*32.7*	*34.0*	**35.6**	*33.0*	*34.0*
PADD 3	**37.0**	**38.1**	**36.8**	**35.7**	**36.1**	**33.8**	**29.7**	*34.0*	*33.7*	*35.1*	*32.7*	*35.0*	**35.7**	*34.0*	*35.0*
PADD 4	**4.6**	**4.4**	**4.4**	**4.6**	**4.7**	**4.5**	**4.1**	*4.3*	*4.6*	*4.1*	*4.0*	*4.2*	**4.6**	*4.3*	*4.2*
PADD 5	**8.2**	**9.8**	**8.4**	**6.5**	**7.7**	**6.3**	**5.8**	*5.4*	*6.4*	*7.4*	*6.0*	*5.2*	**6.5**	*5.4*	*5.2*
U.S. Total	**109.2**	**116.6**	**113.2**	**111.4**	**110.0**	**107.0**	**86.8**	*100.8*	*100.0*	*107.1*	*100.5*	*104.0*	**111.4**	*100.8*	*104.0*
Gasoline Blending Components Inventories															
PADD 1	**28.5**	**23.6**	**22.3**	**30.8**	**32.4**	**30.5**	**25.7**	*28.5*	*31.8*	*30.6*	*29.7*	*30.1*	**30.8**	*28.5*	*30.1*
PADD 2	**15.5**	**15.3**	**15.8**	**17.1**	**17.9**	**17.6**	**18.5**	*18.8*	*18.7*	*17.8*	*17.1*	*17.2*	**17.1**	*18.8*	*17.2*
PADD 3	**26.7**	**27.2**	**26.5**	**31.6**	**35.3**	**30.9**	**26.2**	*28.1*	*30.4*	*30.0*	*30.3*	*31.1*	**31.6**	*28.1*	*31.1*
PADD 4	**1.9**	**1.9**	**1.7**	**2.0**	**1.9**	**2.2**	**2.2**	*2.3*	*2.1*	*1.7*	*1.6*	*2.0*	**2.0**	*2.3*	*2.0*
PADD 5	**19.8**	**21.0**	**20.4**	**25.2**	**23.6**	**21.7**	**20.5**	*23.2*	*22.0*	*21.6*	*21.6*	*23.7*	**25.2**	*23.2*	*23.7*
U.S. Total	**92.4**	**88.9**	**86.8**	**106.7**	**111.2**	**102.8**	**93.1**	*100.8*	*104.9*	*101.7*	*100.3*	*104.1*	**106.7**	*100.8*	*104.1*

- = 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 Petroleum Administration for Defense Districts (PADD).

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

Historical data: Latest data available from Energy Information Administration databases supporting the following reports: *Petroleum Marketing Monthly* , DOE/EIA-0380; *Petroleum Supply Monthly* , DOE/EIA-0109; *Petroleum Supply Annual* , DOE/EIA-0340/2; and *Weekly Petroleum Status Report* , DOE/EIA-0208.

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

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

Table 4d. U.S. Regional Heating Oil Prices and Distillate Inventories

Energy Information Administration/Short-Term Energy Outlook - October 2008

	2007				2008				2009				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2007	2008	2009
Prices (cents per gallon)															
Refiner Wholesale Prices															
Heating Oil	**170**	**196**	**208**	**250**	**269**	**347**	**332**	*297*	*309*	*325*	*296*	*287*	**206**	*302*	*304*
Diesel Fuel	**184**	**212**	**224**	**257**	**284**	**365**	**339**	*306*	*322*	*341*	*313*	*300*	**220**	*325*	*319*
Heating Oil Residential Prices Excluding Taxes															
Northeast	**240**	**249**	**256**	**301**	**324**	**381**	**393**	*370*	*373*	*375*	*348*	*345*	**260**	*354*	*362*
South	**229**	**240**	**248**	**302**	**327**	**386**	**386**	*364*	*372*	*374*	*342*	*345*	**251**	*355*	*361*
Midwest	**224**	**247**	**259**	**299**	**319**	**390**	**372**	*357*	*360*	*372*	*348*	*342*	**252**	*347*	*355*
West	**247**	**259**	**267**	**320**	**330**	**399**	**392**	*373*	*380*	*395*	*367*	*365*	**272**	*367*	*376*
U.S. Average	**238**	**248**	**256**	**301**	**324**	**382**	**391**	*368*	*373*	*375*	*348*	*345*	**259**	*354*	*362*
Heating Oil Residential Prices Including State Taxes															
Northeast	**252**	**261**	**269**	**316**	**340**	**400**	**413**	*388*	*392*	*393*	*365*	*362*	**273**	*371*	*380*
South	**239**	**250**	**258**	**315**	**341**	**403**	**403**	*380*	*389*	*391*	*357*	*360*	**262**	*370*	*377*
Midwest	**238**	**261**	**274**	**317**	**338**	**412**	**394**	*378*	*381*	*394*	*368*	*362*	**267**	*367*	*376*
West	**254**	**266**	**273**	**328**	**339**	**410**	**403**	*383*	*390*	*405*	*377*	*375*	**279**	*376*	*386*
U.S. Average	**250**	**261**	**268**	**316**	**340**	**401**	**411**	*386*	*391*	*393*	*365*	*362*	**272**	*371*	*380*
Total Distillate End-of-period Inventories (million barrels)															
PADD 1 (East Coast)	**43.9**	**45.1**	**57.8**	**55.7**	**33.2**	**41.9**	**47.3**	*48.7*	*31.9*	*39.4*	*52.9*	*53.6*	**55.7**	*48.7*	*53.6*
PADD 2 (Midwest)	**28.5**	**30.2**	**29.2**	**30.1**	**28.5**	**30.3**	**27.7**	*29.3*	*28.0*	*29.0*	*28.3*	*28.5*	**30.1**	*29.3*	*28.5*
PADD 3 (Gulf Coast)	**32.0**	**33.5**	**32.5**	**31.3**	**29.9**	**32.4**	**32.3**	*32.9*	*29.9*	*32.2*	*31.4*	*32.8*	**31.3**	*32.9*	*32.8*
PADD 4 (Rocky Mountain)	**3.3**	**3.1**	**2.7**	**3.3**	**3.1**	**3.4**	**2.9**	*3.3*	*3.1*	*3.0*	*2.7*	*3.2*	**3.3**	*3.3*	*3.2*
PADD 5 (West Coast)	**12.4**	**11.9**	**12.0**	**13.6**	**12.5**	**13.2**	**12.3**	*13.0*	*11.5*	*11.7*	*11.1*	*12.9*	**13.6**	*13.0*	*12.9*
U.S. Total	**120.0**	**123.8**	**134.2**	**133.9**	**107.2**	**121.1**	**122.5**	*127.2*	*104.4*	*115.2*	*126.4*	*131.1*	**133.9**	*127.2*	*131.1*

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

See “Petroleum for Administration Defense District” and "Census region" in EIA’s Energy Glossary (http://www.eia.doe.gov/glossary/index.html) for a list of States in each region.

Historical data: Latest data available from Energy Information Administration databases supporting the following reports: *Petroleum Marketing Monthly* , DOE/EIA-0380; *Petroleum Supply Monthly* , DOE/EIA-0109; *Petroleum Supply Annual* , DOE/EIA-0340/2; and *Weekly Petroleum Status Report* , DOE/EIA-0208.

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

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

Table 4e. U.S. Regional Propane Prices and Inventories

Energy Information Administration/Short-Term Energy Outlook - October 2008

	2007				2008				2009				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2007	2008	2009
Prices (cents per gallon)															
Propane Wholesale Price (a)	**95**	**111**	**119**	**145**	**145**	**165**	**168**	*152*	*158*	*159*	*159*	*164*	**117**	*156*	*160*
Propane Residential Prices excluding Taxes															
Northeast	**220**	**233**	**242**	**260**	**270**	**290**	**304**	*284*	*282*	*278*	*281*	*285*	**236**	*282*	*282*
South	**207**	**212**	**207**	**244**	**257**	**267**	**270**	*269*	*274*	*259*	*252*	*269*	**219**	*264*	*268*
Midwest	**167**	**169**	**167**	**195**	**204**	**217**	**227**	*226*	*227*	*215*	*211*	*225*	**176**	*216*	*223*
West	**208**	**202**	**196**	**239**	**258**	**255**	**257**	*266*	*271*	*254*	*246*	*271*	**215**	*260*	*263*
U.S. Average	**194**	**201**	**195**	**226**	**237**	**251**	**255**	*253*	*256*	*249*	*240*	*254*	**205**	*247*	*252*
Propane Residential Prices including State Taxes															
Northeast	**230**	**244**	**252**	**271**	**282**	**302**	**318**	*297*	*294*	*290*	*293*	*298*	**247**	*295*	*295*
South	**218**	**222**	**217**	**256**	**270**	**281**	**283**	*282*	*287*	*272*	*265*	*282*	**230**	*277*	*281*
Midwest	**177**	**178**	**176**	**206**	**216**	**229**	**240**	*239*	*239*	*227*	*223*	*237*	**186**	*228*	*235*
West	**220**	**214**	**207**	**253**	**273**	**270**	**271**	*282*	*287*	*268*	*260*	*286*	**227**	*275*	*278*
U.S. Average	**203**	**211**	**205**	**238**	**250**	**265**	**269**	*267*	*269*	*262*	*253*	*267*	**215**	*260*	*265*
Propane End-of-period Inventories (million barrels)															
PADD 1 (East Coast)	**3.2**	**3.7**	**4.5**	**4.6**	**2.5**	**3.8**	**4.4**	*4.6*	*3.0*	*4.3*	*4.8*	*4.6*	**4.6**	*4.6*	*4.6*
PADD 2 (Midwest)	**8.6**	**16.6**	**23.5**	**19.4**	**9.0**	**17.8**	**24.5**	*20.3*	*9.5*	*17.4*	*23.5*	*19.4*	**19.4**	*20.3*	*19.4*
PADD 3 (Gulf Coast)	**14.2**	**21.7**	**27.5**	**25.7**	**13.3**	**19.7**	**27.2**	*25.4*	*14.8*	*25.2*	*32.8*	*27.9*	**25.7**	*25.4*	*27.9*
PADD 4 (Rocky Mountain)	**0.4**	**0.4**	**0.4**	**0.4**	**0.4**	**0.4**	**0.5**	*0.4*	*0.3*	*0.4*	*0.5*	*0.4*	**0.4**	*0.4*	*0.4*
PADD 5 (West Coast)	**0.4**	**1.3**	**2.5**	**2.0**	**0.4**	**0.9**	**2.1**	*1.5*	*0.3*	*1.2*	*2.4*	*1.7*	**2.0**	*1.5*	*1.7*
U.S. Total	**26.9**	**43.7**	**58.3**	**52.0**	**25.6**	**42.6**	**58.7**	*52.3*	*27.9*	*48.5*	*63.9*	*54.0*	**52.0**	*52.3*	*54.0*

- = no data available

(a) Propane price to petrochemical sector.

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

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

See “Petroleum for Administration Defense District” and "Census region" in EIA’s Energy Glossary (http://www.eia.doe.gov/glossary/index.html) for a list of States in each region.

Historical data: Latest data available from Energy Information Administration databases supporting the following reports: *Petroleum Marketing Monthly* , DOE/EIA-0380; *Petroleum Supply Monthly* , DOE/EIA-0109; *Petroleum Supply Annual* , DOE/EIA-0340/2; and *Weekly Petroleum Status Report* , DOE/EIA-0208.

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

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

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

Energy Information Administration/Short-Term Energy Outlook - October 2008

	2007				2008				2009				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2007	2008	2009
Supply (billion cubic feet per day)															
Total Marketed Production	**53.78**	**54.67**	**55.45**	**56.90**	**58.29**	**58.88**	**58.41**	*60.06*	*61.03*	*61.45*	*61.48*	*61.61*	**55.21**	*58.91*	*61.39*
Alaska	**1.34**	**1.14**	**1.19**	**1.20**	**1.23**	**1.03**	**1.00**	*1.18*	*1.23*	*0.97*	*1.03*	*1.16*	**1.22**	*1.11*	*1.10*
Federal GOM (a)	**7.65**	**7.63**	**7.34**	**7.74**	**7.81**	**6.97**	**5.76**	*7.06*	*7.65*	*7.56*	*7.27*	*7.36*	**7.59**	*6.90*	*7.46*
Lower 48 States (excl GOM)	**44.79**	**45.89**	**46.92**	**47.96**	**49.25**	**50.87**	**51.66**	*51.82*	*52.14*	*52.92*	*53.18*	*53.09*	**46.40**	*50.90*	*52.84*
Total Dry Gas Production	**51.47**	**52.28**	**53.06**	**54.41**	**55.83**	**56.36**	**55.97**	*57.55*	*58.48*	*58.88*	*58.91*	*59.04*	**52.82**	*56.43*	*58.83*
Gross Imports	**12.98**	**12.62**	**13.11**	**11.79**	**11.95**	**9.82**	**10.48**	*10.48*	*10.51*	*10.21*	*10.84*	*10.28*	**12.62**	*10.68*	*10.46*
Pipeline	**10.93**	**9.55**	**10.64**	**10.93**	**11.12**	**8.76**	**9.44**	*9.57*	*9.66*	*8.68*	*9.32*	*9.24*	**10.51**	*9.72*	*9.22*
LNG	**2.05**	**3.07**	**2.47**	**0.86**	**0.83**	**1.06**	**1.04**	*0.91*	*0.86*	*1.53*	*1.52*	*1.04*	**2.11**	*0.96*	*1.24*
Gross Exports	**2.25**	**1.87**	**2.15**	**2.73**	**3.56**	**2.36**	**2.02**	*2.60*	*3.31*	*2.28*	*2.02*	*2.79*	**2.25**	*2.63*	*2.60*
Net Imports	**10.72**	**10.75**	**10.97**	**9.06**	**8.39**	**7.46**	**8.46**	*7.88*	*7.20*	*7.93*	*8.82*	*7.50*	**10.37**	*8.05*	*7.87*
Supplemental Gaseous Fuels	**0.20**	**0.16**	**0.18**	**0.14**	**0.13**	**0.14**	**0.15**	*0.17*	*0.16*	*0.13*	*0.15*	*0.16*	**0.17**	*0.15*	*0.15*
Net Inventory Withdrawals	**16.26**	**-10.63**	**-8.02**	**4.56**	**17.97**	**-10.23**	**-11.16**	*3.66*	*15.08*	*-10.57*	*-9.10*	*3.89*	**0.48**	*0.04*	*-0.23*
Total Supply	**78.65**	**52.55**	**56.18**	**68.16**	**82.32**	**53.74**	**53.43**	*69.26*	*80.93*	*56.36*	*58.79*	*70.59*	**63.84**	*64.67*	*66.62*
Balancing Item (b)	**0.49**	**1.26**	**0.15**	**-4.55**	**-0.29**	**1.69**	**3.32**	*-4.59*	*1.51*	*0.97*	*-0.38*	*-4.94*	**-0.67**	*0.03*	*-0.73*
Total Primary Supply	**79.14**	**53.81**	**56.33**	**63.60**	**82.03**	**55.30**	**56.44**	*64.67*	*82.44*	*57.34*	*58.40*	*65.66*	**63.16**	*64.59*	*65.89*
Consumption (billion cubic feet per day)															
Residential	**25.78**	**8.37**	**3.77**	**14.08**	**25.89**	**8.53**	**3.86**	*15.30*	*26.34*	*8.85*	*3.99*	*15.11*	**12.94**	*13.37*	*13.51*
Commercial	**14.01**	**6.19**	**4.10**	**8.76**	**14.32**	**6.26**	**4.31**	*9.28*	*14.39*	*6.43*	*4.41*	*9.25*	**8.24**	*8.53*	*8.59*
Industrial	**19.74**	**17.06**	**17.05**	**18.86**	**20.52**	**17.63**	**16.85**	*18.47*	*20.25*	*17.97*	*17.33*	*18.75*	**18.17**	*18.36*	*18.57*
Electric Power (c)	**14.29**	**17.50**	**26.61**	**16.82**	**15.62**	**18.03**	**26.75**	*16.30*	*15.56*	*18.91*	*27.49*	*17.10*	**18.83**	*19.19*	*19.79*
Lease and Plant Fuel	**3.12**	**3.17**	**3.22**	**3.30**	**3.38**	**3.41**	**3.39**	*3.48*	*3.54*	*3.56*	*3.56*	*3.57*	**3.20**	*3.42*	*3.56*
Pipeline and Distribution Use	**2.14**	**1.45**	**1.52**	**1.72**	**2.21**	**1.48**	**1.50**	*1.76*	*2.27*	*1.53*	*1.52*	*1.78*	**1.70**	*1.74*	*1.77*
Vehicle Use	**0.07**	**0.07**	**0.07**	**0.07**	**0.08**	**0.08**	**0.08**	*0.08*	*0.09*	*0.09*	*0.09*	*0.09*	**0.07**	*0.08*	*0.09*
Total Consumption	**79.14**	**53.81**	**56.33**	**63.61**	**82.03**	**55.42**	**56.74**	*64.67*	*82.44*	*57.34*	*58.40*	*65.66*	**63.16**	*64.69*	*65.89*
End-of-period Inventories (billion cubic feet)															
Working Gas Inventory	**1,603**	**2,580**	**3,316**	**2,879**	**1,247**	**2,171**	**3,146**	*2,809*	*1,452*	*2,414*	*3,251*	*2,892*	**2,879**	*2,809*	*2,892*
Producing Region (d)	**649**	**899**	**979**	**909**	**497**	**705**	**840**	*812*	*550*	*806*	*947*	*894*	**909**	*812*	*894*
East Consuming Region (d)	**715**	**1,309**	**1,898**	**1,586**	**574**	**1,157**	**1,879**	*1,610*	*667*	*1,250*	*1,863*	*1,612*	**1,586**	*1,610*	*1,612*
West Consuming Region (d)	**239**	**372**	**438**	**384**	**176**	**310**	**427**	*388*	*235*	*358*	*440*	*387*	**384**	*388*	*387*

- = no data available

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

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

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

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

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

LNG: liquefied natural gas.

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

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

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

Table 5b. U.S. Regional Natural Gas Consumption (Billion Cubic Feet/ Day)

Energy Information Administration/Short-Term Energy Outlook - October 2008

	2007				2008				2009				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2007	2008	2009
Residential Sector															
New England	**1.02**	**0.41**	**0.14**	**0.50**	**0.98**	**0.39**	**0.15**	*0.51*	*1.07*	*0.41*	*0.14*	*0.49*	**0.52**	*0.51*	*0.52*
Middle Atlantic	**4.67**	**1.63**	**0.64**	**2.59**	**4.46**	**1.57**	**0.64**	*2.57*	*4.92*	*1.79*	*0.68*	*2.47*	**2.37**	*2.31*	*2.45*
E. N. Central	**7.46**	**2.26**	**0.85**	**4.07**	**7.67**	**2.32**	**0.93**	*4.61*	*7.68*	*2.36*	*0.91*	*4.56*	**3.64**	*3.88*	*3.86*
W. N. Central	**2.42**	**0.66**	**0.27**	**1.31**	**2.66**	**0.79**	**0.27**	*1.37*	*2.42*	*0.70*	*0.31*	*1.37*	**1.16**	*1.27*	*1.20*
S. Atlantic	**2.37**	**0.67**	**0.32**	**1.33**	**2.24**	**0.58**	**0.33**	*1.51*	*2.55*	*0.69*	*0.36*	*1.49*	**1.17**	*1.16*	*1.27*
E. S. Central	**1.03**	**0.25**	**0.12**	**0.46**	**1.06**	**0.26**	**0.12**	*0.55*	*1.08*	*0.27*	*0.12*	*0.55*	**0.46**	*0.50*	*0.50*
W. S. Central	**2.02**	**0.54**	**0.30**	**0.78**	**1.89**	**0.51**	**0.28**	*0.91*	*1.86*	*0.52*	*0.30*	*0.87*	**0.90**	*0.89*	*0.88*
Mountain	**1.90**	**0.61**	**0.29**	**1.13**	**1.96**	**0.70**	**0.30**	*1.25*	*1.91*	*0.68*	*0.28*	*1.28*	**0.98**	*1.05*	*1.04*
Pacific	**2.89**	**1.34**	**0.84**	**1.92**	**2.97**	**1.41**	**0.83**	*2.02*	*2.86*	*1.43*	*0.89*	*2.02*	**1.74**	*1.81*	*1.80*
Total	**25.78**	**8.37**	**3.77**	**14.08**	**25.89**	**8.53**	**3.86**	*15.30*	*26.34*	*8.85*	*3.99*	*15.11*	**12.94**	*13.37*	*13.51*
Commercial Sector															
New England	**0.61**	**0.27**	**0.14**	**0.34**	**0.60**	**0.26**	**0.15**	*0.35*	*0.61*	*0.27*	*0.15*	*0.34*	**0.34**	*0.34*	*0.34*
Middle Atlantic	**2.70**	**1.27**	**0.87**	**1.73**	**2.69**	**1.18**	**0.89**	*1.75*	*2.85*	*1.37*	*0.90*	*1.73*	**1.64**	*1.63*	*1.71*
E. N. Central	**3.49**	**1.28**	**0.68**	**2.06**	**3.73**	**1.31**	**0.73**	*2.23*	*3.63*	*1.28*	*0.75*	*2.23*	**1.87**	*2.00*	*1.96*
W. N. Central	**1.44**	**0.50**	**0.29**	**0.85**	**1.56**	**0.55**	**0.31**	*0.89*	*1.42*	*0.51*	*0.32*	*0.88*	**0.77**	*0.83*	*0.78*
S. Atlantic	**1.59**	**0.77**	**0.54**	**1.05**	**1.51**	**0.72**	**0.57**	*1.15*	*1.69*	*0.78*	*0.57*	*1.14*	**0.98**	*0.99*	*1.04*
E. S. Central	**0.64**	**0.25**	**0.17**	**0.36**	**0.65**	**0.25**	**0.18**	*0.39*	*0.65*	*0.24*	*0.18*	*0.39*	**0.35**	*0.37*	*0.36*
W. S. Central	**1.16**	**0.57**	**0.44**	**0.68**	**1.14**	**0.60**	**0.49**	*0.75*	*1.16*	*0.58*	*0.50*	*0.76*	**0.71**	*0.74*	*0.75*
Mountain	**1.05**	**0.44**	**0.27**	**0.66**	**1.08**	**0.49**	**0.28**	*0.69*	*1.04*	*0.51*	*0.32*	*0.71*	**0.60**	*0.64*	*0.64*
Pacific	**1.32**	**0.84**	**0.69**	**1.04**	**1.35**	**0.89**	**0.71**	*1.07*	*1.35*	*0.89*	*0.73*	*1.07*	**0.97**	*1.01*	*1.01*
Total	**14.01**	**6.19**	**4.10**	**8.76**	**14.32**	**6.26**	**4.31**	*9.28*	*14.39*	*6.43*	*4.41*	*9.25*	**8.24**	*8.53*	*8.59*
Industrial Sector															
New England	**0.33**	**0.22**	**0.16**	**0.26**	**0.36**	**0.22**	**0.16**	*0.24*	*0.33*	*0.23*	*0.17*	*0.24*	**0.24**	*0.24*	*0.24*
Middle Atlantic	**1.07**	**0.85**	**0.81**	**0.96**	**1.13**	**0.84**	**0.77**	*0.95*	*1.12*	*0.89*	*0.81*	*0.95*	**0.92**	*0.92*	*0.94*
E. N. Central	**3.84**	**2.75**	**2.54**	**3.16**	**3.84**	**2.88**	**2.58**	*3.25*	*3.87*	*2.88*	*2.60*	*3.26*	**3.07**	*3.14*	*3.15*
W. N. Central	**1.40**	**1.16**	**1.25**	**1.44**	**1.57**	**1.25**	**1.18**	*1.35*	*1.44*	*1.19*	*1.24*	*1.38*	**1.31**	*1.34*	*1.31*
S. Atlantic	**1.52**	**1.38**	**1.34**	**1.47**	**1.59**	**1.41**	**1.35**	*1.48*	*1.61*	*1.44*	*1.36*	*1.48*	**1.43**	*1.46*	*1.47*
E. S. Central	**1.38**	**1.19**	**1.11**	**1.29**	**1.41**	**1.21**	**1.10**	*1.25*	*1.38*	*1.21*	*1.12*	*1.27*	**1.24**	*1.24*	*1.25*
W. S. Central	**6.86**	**6.56**	**6.58**	**6.81**	**7.08**	**6.69**	**6.58**	*6.57*	*7.00*	*6.85*	*6.71*	*6.66*	**6.70**	*6.73*	*6.80*
Mountain	**0.90**	**0.69**	**0.73**	**0.86**	**0.96**	**0.75**	**0.69**	*0.85*	*0.92*	*0.78*	*0.73*	*0.86*	**0.80**	*0.81*	*0.82*
Pacific	**2.42**	**2.27**	**2.54**	**2.61**	**2.58**	**2.37**	**2.45**	*2.52*	*2.57*	*2.51*	*2.60*	*2.64*	**2.46**	*2.48*	*2.58*
Total	**19.74**	**17.06**	**17.05**	**18.86**	**20.52**	**17.63**	**16.85**	*18.47*	*20.25*	*17.97*	*17.33*	*18.75*	**18.17**	*18.36*	*18.57*

- = no data available

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

Regions refer to U.S. Census divisions.

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

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

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

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

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

Energy Information Administration/Short-Term Energy Outlook - October 2008

	2007				2008				2009				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2007	2008	2009
Wholesale/Spot															
U.S. Average Wellhead	**6.37**	**6.89**	**5.90**	**6.39**	**7.62**	**9.86**	**8.80**	*7.76*	*8.12*	*7.47*	*7.08*	*7.20*	**6.39**	*8.51*	*7.46*
Henry Hub Spot Price	**7.41**	**7.76**	**6.35**	**7.19**	**8.92**	**11.73**	**9.29**	*8.76*	*9.15*	*8.24*	*7.43*	*7.90*	**7.17**	*9.67*	*8.17*
Residential															
New England	**15.99**	**16.91**	**19.07**	**16.45**	**16.18**	**18.02**	**21.73**	*18.37*	*18.12*	*17.33*	*19.40*	*17.23*	**16.50**	*17.51*	*17.85*
Middle Atlantic	**14.22**	**15.75**	**18.61**	**15.07**	**14.70**	**17.28**	**21.54**	*17.29*	*16.10*	*16.45*	*19.43*	*15.86*	**15.01**	*16.34*	*16.34*
E. N. Central	**10.98**	**12.81**	**15.29**	**11.36**	**11.40**	**14.94**	**19.08**	*14.08*	*12.98*	*13.43*	*15.28*	*12.15*	**11.62**	*13.19*	*12.94*
W. N. Central	**11.38**	**13.48**	**17.33**	**11.39**	**11.20**	**14.43**	**20.27**	*14.14*	*13.20*	*13.97*	*17.19*	*12.73*	**12.04**	*12.98*	*13.43*
S. Atlantic	**14.90**	**18.56**	**24.29**	**16.20**	**15.33**	**20.88**	**27.08**	*19.10*	*17.25*	*18.91*	*22.65*	*16.84*	**16.45**	*18.08*	*17.74*
E. S. Central	**13.16**	**15.69**	**18.46**	**14.26**	**13.39**	**17.51**	**21.69**	*17.18*	*15.77*	*16.30*	*18.88*	*15.09*	**14.12**	*15.50*	*15.84*
W. S. Central	**10.69**	**14.49**	**16.81**	**13.37**	**11.92**	**17.92**	**22.03**	*15.96*	*13.85*	*15.22*	*17.75*	*14.33*	**12.35**	*14.60*	*14.50*
Mountain	**10.61**	**11.73**	**14.44**	**10.14**	**10.45**	**12.35**	**16.15**	*12.68*	*12.23*	*12.26*	*14.69*	*11.32*	**10.93**	*11.85*	*12.12*
Pacific	**11.73**	**12.64**	**12.56**	**11.64**	**12.12**	**14.37**	**15.98**	*13.35*	*13.45*	*12.67*	*13.00*	*12.47*	**11.98**	*13.35*	*12.96*
U.S. Average	**12.31**	**14.18**	**16.41**	**12.65**	**12.46**	**15.57**	**19.58**	*15.10*	*14.24*	*14.42*	*16.50*	*13.46*	**13.00**	*14.23*	*14.22*
Commercial															
New England	**14.12**	**14.20**	**13.45**	**13.69**	**14.21**	**15.31**	**16.55**	*15.52*	*15.73*	*14.67*	*14.18*	*14.70*	**13.97**	*15.00*	*15.11*
Middle Atlantic	**12.45**	**12.08**	**10.91**	**12.29**	**13.02**	**14.46**	**14.75**	*14.10*	*14.02*	*12.83*	*11.98*	*12.74*	**12.14**	*13.85*	*13.21*
E. N. Central	**10.67**	**11.12**	**10.86**	**10.14**	**10.54**	**13.09**	**14.13**	*12.01*	*11.94*	*11.56*	*11.68*	*11.06*	**10.66**	*11.71*	*11.61*
W. N. Central	**10.62**	**10.84**	**10.63**	**9.92**	**10.59**	**12.31**	**13.49**	*11.81*	*12.04*	*11.46*	*11.35*	*11.00*	**10.46**	*11.44*	*11.59*
S. Atlantic	**12.71**	**12.82**	**12.68**	**12.77**	**13.05**	**14.64**	**15.54**	*14.45*	*14.30*	*13.57*	*13.43*	*13.43*	**12.74**	*14.25*	*13.81*
E. S. Central	**12.00**	**12.53**	**12.88**	**12.60**	**12.40**	**14.65**	**15.33**	*14.17*	*13.81*	*13.10*	*12.80*	*12.93*	**12.34**	*13.62*	*13.34*
W. S. Central	**9.66**	**10.61**	**10.51**	**10.75**	**10.61**	**13.17**	**13.80**	*11.91*	*11.54*	*10.94*	*11.11*	*11.33*	**10.22**	*11.93*	*11.31*
Mountain	**9.67**	**10.03**	**10.64**	**9.25**	**9.52**	**10.52**	**11.84**	*11.43*	*11.36*	*10.67*	*11.05*	*10.65*	**9.72**	*10.49*	*10.99*
Pacific	**11.06**	**11.04**	**10.72**	**10.55**	**11.23**	**12.45**	**13.46**	*12.01*	*12.22*	*11.10*	*10.81*	*11.04*	**10.86**	*12.07*	*11.43*
U.S. Average	**11.37**	**11.59**	**11.23**	**10.99**	**11.37**	**13.13**	**14.23**	*12.86*	*12.83*	*12.06*	*11.88*	*11.85*	**11.31**	*12.48*	*12.31*
Industrial															
New England	**12.87**	**12.51**	**10.48**	**11.98**	**13.06**	**14.44**	**15.09**	*13.97*	*14.68*	*13.09*	*11.51*	*12.48*	**12.21**	*13.89*	*13.28*
Middle Atlantic	**11.64**	**10.83**	**9.74**	**10.90**	**12.43**	**13.32**	**12.95**	*12.21*	*12.90*	*11.19*	*10.24*	*11.09*	**10.94**	*12.62*	*11.57*
E. N. Central	**9.65**	**9.99**	**9.68**	**9.29**	**9.85**	**11.73**	**12.36**	*10.61*	*11.05*	*10.67*	*9.88*	*9.80*	**9.62**	*10.76*	*10.47*
W. N. Central	**8.85**	**8.07**	**6.94**	**7.78**	**9.12**	**10.29**	**10.66**	*9.58*	*10.11*	*8.91*	*8.16*	*8.55*	**7.95**	*9.84*	*8.98*
S. Atlantic	**9.38**	**9.40**	**8.74**	**9.35**	**10.53**	**12.61**	**11.99**	*10.61*	*11.17*	*10.24*	*9.47*	*9.78*	**9.24**	*11.29*	*10.20*
E. S. Central	**8.88**	**8.87**	**7.99**	**8.45**	**9.43**	**11.55**	**11.82**	*9.96*	*10.34*	*9.61*	*8.88*	*9.20*	**8.58**	*10.58*	*9.54*
W. S. Central	**6.99**	**7.61**	**6.21**	**6.80**	**8.12**	**10.90**	**10.57**	*8.47*	*8.89*	*8.15*	*7.52*	*7.69*	**6.89**	*9.52*	*8.05*
Mountain	**9.44**	**9.07**	**8.51**	**8.55**	**9.29**	**9.98**	**10.53**	*10.57*	*10.78*	*9.90*	*9.41*	*9.55*	**8.92**	*10.06*	*9.96*
Pacific	**9.00**	**8.12**	**7.54**	**8.68**	**9.74**	**10.82**	**11.11**	*10.52*	*10.60*	*8.96*	*8.21*	*8.67*	**8.34**	*10.54*	*9.14*
U.S. Average	**7.97**	**8.08**	**6.75**	**7.50**	**8.90**	**11.10**	**10.92**	*9.26*	*9.79*	*8.72*	*7.98*	*8.33*	**7.59**	*9.99*	*8.73*

- = no data available

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

Regions refer to U.S. Census divisions.

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

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

Natural gas Henry Hub spot price from NGI's *Daily Gas Price Index* (http://Intelligencepress.com).

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

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

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

Energy Information Administration/Short-Term Energy Outlook - October 2008

	2007				2008				2009				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2007	2008	2009
Supply (million short tons)															
Production	**286.0**	**285.7**	**286.0**	**288.9**	**289.1**	**283.9**	**301.3**	*306.4*	*289.1*	*283.8*	*289.9*	*312.5*	**1146.6**	*1180.7*	*1175.4*
Appalachia	**99.5**	**95.5**	**91.6**	**91.9**	**97.8**	**99.1**	**97.0**	*97.4*	*97.8*	*98.2*	*93.9*	*99.3*	**378.5**	*391.2*	*389.2*
Interior	**38.1**	**36.4**	**37.0**	**35.6**	**35.5**	**35.0**	**37.6**	*37.8*	*35.5*	*35.0*	*36.9*	*38.5*	**147.1**	*145.9*	*145.9*
Western	**148.4**	**153.8**	**157.4**	**161.4**	**155.8**	**149.8**	**166.7**	*171.3*	*155.9*	*150.5*	*159.2*	*174.7*	**621.0**	*643.6*	*640.3*
Primary Inventory Withdrawals	**2.5**	**1.5**	**2.4**	**-3.9**	**1.5**	**1.1**	**1.2**	*2.9*	*-1.6*	*-3.0*	*7.6*	*-0.3*	**2.6**	*6.7*	*2.6*
Imports	**8.8**	**8.4**	**10.6**	**8.6**	**7.6**	**9.0**	**8.2**	*8.7*	*7.9*	*9.1*	*9.1*	*8.9*	**36.3**	*33.5*	*35.0*
Exports	**11.1**	**14.7**	**16.2**	**17.1**	**15.8**	**23.1**	**22.0**	*23.6*	*15.5*	*22.3*	*24.5*	*24.2*	**59.2**	*84.4*	*86.5*
Metallurgical Coal	**6.7**	**7.9**	**9.2**	**8.4**	**9.1**	**12.6**	**11.5**	*11.3*	*9.0*	*13.7*	*13.8*	*12.1*	**32.2**	*44.5*	*48.5*
Steam Coal	**4.4**	**6.8**	**7.0**	**8.7**	**6.7**	**10.5**	**10.4**	*12.3*	*6.5*	*8.6*	*10.7*	*12.1*	**27.0**	*40.0*	*37.9*
Total Primary Supply	**286.2**	**280.9**	**282.8**	**276.5**	**282.5**	**270.9**	**288.6**	*294.5*	*280.0*	*267.6*	*282.1*	*296.8*	**1126.4**	*1136.5*	*1126.5*
Secondary Inventory Withdrawals	**-0.8**	**-13.3**	**12.8**	**-7.0**	**5.5**	**-10.0**	**13.9**	*-10.5*	*0.2*	*-4.9*	*17.1*	*-16.0*	**-8.3**	*-1.1*	*-3.7*
Waste Coal (a)	**3.2**	**3.4**	**3.8**	**3.7**	**3.6**	**3.7**	**3.7**	*3.7*	*3.7*	*3.7*	*3.7*	*3.7*	**14.1**	*14.9*	*15.0*
Total Supply	**288.7**	**271.0**	**299.3**	**273.2**	**291.6**	**264.7**	**306.3**	*287.7*	*283.9*	*266.4*	*302.9*	*284.6*	**1132.2**	*1150.2*	*1137.8*
Consumption (million short tons)															
Coke Plants	**5.6**	**5.7**	**5.7**	**5.7**	**5.5**	**5.9**	**5.9**	*5.9*	*5.7*	*6.0*	*6.0*	*5.9*	**22.7**	*23.2*	*23.5*
Electric Power Sector (b)	**257.4**	**247.1**	**284.3**	**257.6**	**262.9**	**249.7**	**281.6**	*265.2*	*261.1*	*246.0*	*281.6*	*261.7*	**1046.4**	*1059.4*	*1050.3*
Retail and Other Industry	**15.6**	**14.8**	**14.4**	**15.3**	**15.1**	**14.1**	**14.9**	*16.6*	*17.1*	*14.5*	*15.4*	*17.0*	**60.1**	*60.7*	*63.9*
Residential and Commercial	**1.1**	**0.7**	**0.7**	**1.1**	**1.0**	**0.7**	**0.7**	*1.0*	*1.0*	*0.6*	*0.6*	*1.0*	**3.5**	*3.4*	*3.2*
Other Industrial	**14.6**	**14.1**	**13.7**	**14.2**	**14.0**	**13.4**	**14.3**	*15.6*	*16.2*	*13.9*	*14.7*	*16.0*	**56.6**	*57.3*	*60.8*
Total Consumption	**278.6**	**267.6**	**304.4**	**278.6**	**283.4**	**269.7**	**302.4**	*287.7*	*283.9*	*266.4*	*302.9*	*284.6*	**1129.3**	*1143.2*	*1137.8*
Discrepancy (c)	**10.0**	**3.4**	**-5.1**	**-5.5**	**8.1**	**-5.0**	**3.9**	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	**2.9**	*7.0*	*0.0*
End-of-period Inventories (million short tons)															
Primary Inventories (d)	**34.0**	**32.5**	**30.1**	**34.0**	**32.5**	**31.4**	**30.2**	*27.3*	*28.9*	*31.9*	*24.3*	*24.7*	**34.0**	*27.3*	*24.7*
Secondary Inventories (e)	**151.2**	**164.4**	**151.7**	**158.7**	**153.2**	**163.2**	**149.3**	*159.8*	*159.6*	*164.5*	*147.5*	*163.5*	**158.7**	*159.8*	*163.5*
Electric Power Sector	**143.0**	**156.4**	**143.9**	**151.1**	**147.0**	**156.8**	**142.7**	*152.9*	*153.0*	*157.7*	*140.3*	*156.2*	**151.1**	*152.9*	*156.2*
Retail and General Industry	**5.8**	**5.7**	**5.8**	**5.6**	**4.8**	**4.8**	**5.0**	*5.2*	*4.9*	*5.1*	*5.3*	*5.4*	**5.6**	*5.2*	*5.4*
Coke Plants	**2.4**	**2.4**	**2.0**	**1.9**	**1.5**	**1.5**	**1.6**	*1.8*	*1.7*	*1.8*	*1.9*	*1.9*	**1.9**	*1.8*	*1.9*
Coal Market Indicators															
Coal Miner Productivity (Tons per hour)	**6.16**	**6.16**	**6.16**	**6.16**	**6.06**	**6.06**	**6.06**	*6.06*	*6.00*	*6.00*	*6.00*	*6.00*	**6.16**	*6.06*	*6.00*
Total Raw Steel Production (Million short tons per day)	**0.279**	**0.295**	**0.299**	**0.297**	**0.302**	**0.303**	**0.299**	*0.284*	*0.297*	*0.307*	*0.308*	*0.293*	**0.293**	*0.297*	*0.301*
Cost of Coal to Electric Utilities (Dollars per million Btu)	**1.76**	**1.78**	**1.78**	**1.79**	**1.91**	**2.03**	**2.03**	*1.96*	*2.00*	*2.01*	*1.99*	*1.96*	**1.78**	*1.98*	*1.99*

- = 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, generation plants, and distribution points.

(e) Secondary stocks are held by users. It includes an estimate of stocks held at utility plants sold to nonutility generators.

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

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

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

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

Table 7a. U.S. Electricity Industry Overview

Energy Information Administration/Short-Term Energy Outlook - October 2008

	2007				2008				2009				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2007	2008	2009
Electricity Supply (billion kilowatthours per day)															
Electricity Generation	**11.09**	**10.97**	**12.72**	**10.79**	**11.14**	**11.04**	**12.71**	*10.92*	*11.17*	*11.14*	*12.85*	*11.00*	**11.40**	*11.46*	*11.54*
Electric Power Sector (a)	**10.67**	**10.56**	**12.29**	**10.38**	**10.73**	**10.65**	**12.27**	*10.49*	*10.74*	*10.72*	*12.40*	*10.57*	**10.98**	*11.04*	*11.11*
Industrial Sector	**0.40**	**0.39**	**0.41**	**0.39**	**0.38**	**0.37**	**0.41**	*0.40*	*0.41*	*0.40*	*0.42*	*0.41*	**0.40**	*0.39*	*0.41*
Commercial Sector	**0.02**	**0.02**	**0.02**	**0.02**	**0.02**	**0.02**	**0.02**	*0.02*	*0.02*	*0.02*	*0.02*	*0.02*	**0.02**	*0.02*	*0.02*
Net Imports	**0.07**	**0.11**	**0.09**	**0.07**	**0.09**	**0.09**	**0.13**	*0.09*	*0.08*	*0.08*	*0.09*	*0.05*	**0.09**	*0.10*	*0.08*
Total Supply	**11.16**	**11.08**	**12.81**	**10.86**	**11.23**	**11.13**	**12.84**	*11.00*	*11.25*	*11.22*	*12.94*	*11.05*	**11.48**	*11.55*	*11.62*
Losses and Unaccounted for (b)	**0.71**	**0.95**	**0.90**	**0.72**	**0.64**	**0.88**	**0.87**	*0.76*	*0.64*	*0.95*	*0.86*	*0.78*	**0.82**	*0.79*	*0.81*
Electricity Consumption (billion kilowatthours per day)															
Retail Sales	**10.06**	**9.74**	**11.51**	**9.76**	**10.21**	**9.88**	**11.56**	*9.84*	*10.20*	*9.88*	*11.66*	*9.87*	**10.27**	*10.38*	*10.41*
Residential Sector	**3.92**	**3.34**	**4.55**	**3.45**	**3.96**	**3.37**	**4.49**	*3.50*	*3.93*	*3.36*	*4.55*	*3.47*	**3.81**	*3.83*	*3.83*
Commercial Sector	**3.47**	**3.61**	**4.09**	**3.54**	**3.50**	**3.66**	**4.14**	*3.56*	*3.53*	*3.67*	*4.19*	*3.62*	**3.68**	*3.72*	*3.75*
Industrial Sector	**2.65**	**2.77**	**2.86**	**2.74**	**2.73**	**2.83**	**2.91**	*2.77*	*2.72*	*2.83*	*2.91*	*2.76*	**2.76**	*2.81*	*2.81*
Transportation Sector	**0.02**	**0.02**	**0.02**	**0.02**	**0.02**	**0.02**	**0.02**	*0.02*	*0.02*	*0.02*	*0.02*	*0.02*	**0.02**	*0.02*	*0.02*
Direct Use (c)	**0.39**	**0.39**	**0.41**	**0.39**	**0.38**	**0.37**	**0.41**	*0.40*	*0.41*	*0.39*	*0.42*	*0.40*	**0.39**	*0.39*	*0.41*
Total Consumption	**10.45**	**10.12**	**11.92**	**10.14**	**10.60**	**10.25**	**11.97**	*10.24*	*10.61*	*10.27*	*12.09*	*10.27*	**10.66**	*10.77*	*10.81*
Prices															
Power Generation Fuel Costs (dollars per million Btu)															
Coal	**1.76**	**1.78**	**1.78**	**1.79**	**1.91**	**2.03**	**2.03**	*1.96*	*2.00*	*2.01*	*1.99*	*1.96*	**1.78**	*1.98*	*1.99*
Natural Gas	**7.35**	**7.62**	**6.55**	**7.18**	**8.67**	**11.14**	**9.99**	*8.32*	*8.92*	*8.21*	*7.54*	*7.84*	**7.09**	*9.63*	*8.03*
Residual Fuel Oil	**7.18**	**8.36**	**8.53**	**10.71**	**13.34**	**13.97**	**15.39**	*14.12*	*14.09*	*14.29*	*13.59*	*13.09*	**8.40**	*14.38*	*13.75*
Distillate Fuel Oil	**12.44**	**14.48**	**14.75**	**18.96**	**18.89**	**24.32**	**24.31**	*21.84*	*22.66*	*23.78*	*21.75*	*20.99*	**15.17**	*22.34*	*22.29*
End-Use Prices (cents per kilowatthour)															
Residential Sector	**10.0**	**10.9**	**11.0**	**10.6**	**10.3**	**11.5**	**11.9**	*11.4*	*11.2*	*12.5*	*13.1*	*12.5*	**10.6**	*11.3*	*12.4*
Commercial Sector	**9.3**	**9.7**	**10.0**	**9.6**	**9.6**	**10.3**	**11.0**	*10.4*	*10.4*	*11.1*	*11.9*	*11.4*	**9.7**	*10.3*	*11.2*
Industrial Sector	**6.1**	**6.3**	**6.7**	**6.3**	**6.4**	**7.0**	**7.4**	*6.8*	*6.8*	*7.5*	*8.1*	*7.5*	**6.4**	*6.9*	*7.5*

- = no data available

(a) Electric utilities and independent power producers.

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

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

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

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

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

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

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

Energy Information Administration/Short-Term Energy Outlook - October 2008

	2007				2008				2009				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2007	2008	2009
Residential Sector															
New England	**142**	**115**	**140**	**127**	**140**	**112**	**143**	*128*	*141*	*114*	*140*	*125*	**131**	*131*	*130*
Middle Atlantic	**389**	**330**	**416**	**344**	**387**	**320**	**418**	*346*	*389*	*315*	*419*	*336*	**370**	*368*	*365*
E. N. Central	**564**	**467**	**613**	**493**	**575**	**439**	**588**	*499*	*564*	*448*	*600*	*486*	**534**	*525*	*524*
W. N. Central	**300**	**245**	**344**	**258**	**316**	**237**	**323**	*261*	*297*	*242*	*337*	*258*	**287**	*284*	*283*
S. Atlantic	**966**	**843**	**1,171**	**856**	**949**	**858**	**1,125**	*863*	*984*	*839*	*1,145*	*857*	**959**	*949*	*956*
E. S. Central	**348**	**286**	**418**	**285**	**354**	**280**	**398**	*287*	*354*	*284*	*406*	*289*	**334**	*330*	*333*
W. S. Central	**505**	**462**	**684**	**463**	**528**	**524**	**730**	*463*	*498*	*505*	*733*	*474*	**529**	*561*	*553*
Mountain	**243**	**234**	**336**	**225**	**249**	**227**	**332**	*236*	*249*	*242*	*341*	*242*	**260**	*261*	*269*
Pacific contiguous	**442**	**346**	**411**	**381**	**447**	**362**	**420**	*396*	*440*	*356*	*416*	*392*	**395**	*406*	*401*
AK and HI	**16**	**14**	**14**	**15**	**16**	**13**	**14**	*15*	*16*	*14*	*14*	*15*	**15**	*15*	*15*
Total	**3,916**	**3,341**	**4,548**	**3,446**	**3,960**	**3,372**	**4,491**	*3,495*	*3,931*	*3,360*	*4,552*	*3,473*	**3,813**	*3,831*	*3,830*
Commercial Sector															
New England	**151**	**150**	**166**	**151**	**154**	**150**	**168**	*152*	*158*	*153*	*172*	*153*	**155**	*156*	*159*
Middle Atlantic	**454**	**443**	**499**	**446**	**452**	**436**	**510**	*454*	*467*	*452*	*518*	*452*	**461**	*463*	*472*
E. N. Central	**503**	**513**	**563**	**500**	**501**	**532**	**566**	*494*	*513*	*515*	*574*	*506*	**520**	*523*	*527*
W. N. Central	**256**	**261**	**300**	**258**	**261**	**259**	**298**	*255*	*251*	*256*	*292*	*255*	**269**	*268*	*264*
S. Atlantic	**778**	**829**	**944**	**812**	**781**	**840**	**951**	*820*	*807*	*861*	*986*	*842*	**841**	*848*	*875*
E. S. Central	**215**	**231**	**271**	**220**	**217**	**228**	**267**	*218*	*215*	*229*	*268*	*221*	**234**	*233*	*233*
W. S. Central	**421**	**453**	**526**	**436**	**432**	**488**	**554**	*445*	*431*	*485*	*570*	*465*	**459**	*480*	*488*
Mountain	**236**	**256**	**292**	**248**	**239**	**256**	**292**	*244*	*230*	*251*	*284*	*244*	**258**	*258*	*252*
Pacific contiguous	**442**	**454**	**506**	**456**	**445**	**456**	**515**	*458*	*437*	*447*	*503*	*460*	**464**	*469*	*462*
AK and HI	**18**	**17**	**18**	**17**	**17**	**17**	**18**	*18*	*17*	*17*	*18*	*18*	**17**	*17*	*18*
Total	**3,472**	**3,606**	**4,086**	**3,544**	**3,500**	**3,663**	**4,139**	*3,557*	*3,527*	*3,665*	*4,185*	*3,616*	**3,679**	*3,715*	*3,750*
Industrial Sector															
New England	**61**	**64**	**64**	**63**	**60**	**63**	**66**	*62*	*62*	*63*	*66*	*63*	**63**	*63*	*64*
Middle Atlantic	**195**	**202**	**208**	**204**	**198**	**203**	**211**	*200*	*196*	*200*	*207*	*196*	**203**	*203*	*200*
E. N. Central	**578**	**595**	**598**	**575**	**580**	**564**	**602**	*579*	*581*	*599*	*603*	*580*	**586**	*581*	*591*
W. N. Central	**225**	**235**	**248**	**239**	**230**	**235**	**253**	*240*	*229*	*240*	*252*	*240*	**237**	*240*	*240*
S. Atlantic	**416**	**438**	**443**	**423**	**410**	**436**	**447**	*422*	*408*	*431*	*440*	*415*	**430**	*429*	*424*
E. S. Central	**351**	**354**	**360**	**376**	**370**	**363**	**365**	*374*	*372*	*376*	*371*	*380*	**360**	*368*	*375*
W. S. Central	**407**	**428**	**450**	**429**	**458**	**500**	**477**	*449*	*442*	*461*	*476*	*447*	**428**	*471*	*457*
Mountain	**192**	**217**	**228**	**203**	**200**	**221**	**232**	*206*	*203*	*223*	*238*	*211*	**210**	*215*	*219*
Pacific contiguous	**210**	**224**	**242**	**218**	**213**	**229**	**244**	*220*	*214*	*223*	*240*	*216*	**224**	*227*	*223*
AK and HI	**14**	**14**	**15**	**14**	**14**	**14**	**15**	*15*	*14*	*14*	*15*	*15*	**14**	*14*	*15*
Total	**2,650**	**2,770**	**2,855**	**2,745**	**2,732**	**2,828**	**2,912**	*2,767*	*2,722*	*2,831*	*2,907*	*2,763*	**2,756**	*2,810*	*2,806*
Total All Sectors (a)															
New England	**356**	**330**	**371**	**343**	**355**	**328**	**379**	*344*	*363*	*332*	*380*	*342*	**350**	*351*	*354*
Middle Atlantic	**1,051**	**986**	**1,134**	**1,005**	**1,048**	**970**	**1,150**	*1,010*	*1,062*	*978*	*1,155*	*994*	**1,044**	*1,045*	*1,047*
E. N. Central	**1,648**	**1,576**	**1,776**	**1,569**	**1,658**	**1,536**	**1,757**	*1,573*	*1,660*	*1,563*	*1,778*	*1,574*	**1,642**	*1,631*	*1,644*
W. N. Central	**782**	**740**	**893**	**755**	**807**	**731**	**874**	*757*	*778*	*738*	*881*	*753*	**792**	*793*	*788*
S. Atlantic	**2,164**	**2,114**	**2,562**	**2,095**	**2,144**	**2,137**	**2,527**	*2,108*	*2,203*	*2,135*	*2,574*	*2,117*	**2,234**	*2,229*	*2,258*
E. S. Central	**914**	**871**	**1,049**	**881**	**941**	**871**	**1,030**	*879*	*941*	*889*	*1,045*	*890*	**929**	*930*	*941*
W. S. Central	**1,333**	**1,343**	**1,660**	**1,328**	**1,418**	**1,512**	**1,762**	*1,357*	*1,372*	*1,452*	*1,779*	*1,386*	**1,417**	*1,513*	*1,498*
Mountain	**671**	**706**	**857**	**677**	**688**	**705**	**856**	*687*	*682*	*716*	*863*	*697*	**728**	*734*	*740*
Pacific contiguous	**1,096**	**1,026**	**1,162**	**1,057**	**1,107**	**1,050**	**1,182**	*1,077*	*1,093*	*1,028*	*1,162*	*1,071*	**1,085**	*1,104*	*1,089*
AK and HI	**47**	**45**	**46**	**47**	**47**	**44**	**47**	*47*	*47*	*45*	*47*	*48*	**46**	*46*	*47*
Total	**10,061**	**9,738**	**11,511**	**9,756**	**10,214**	**9,883**	**11,563**	*9,839*	*10,201*	*9,876*	*11,665*	*9,872*	**10,269**	*10,377*	*10,406*

- = no data available

(a) Total retail sales to all sectors includes residential, commercial, industrial, and transportation sector sales.

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

Retail Sales represents total retail electricity sales by electric utilities and power marketers.

Regions refer to U.S. Census divisions.

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

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

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

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

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

Energy Information Administration/Short-Term Energy Outlook - October 2008

	2007				2008				2009				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2007	2008	2009
Residential Sector															
New England	**16.7**	**16.7**	**16.3**	**16.1**	**16.6**	**17.4**	**18.0**	*18.2*	*18.1*	*18.7*	*19.2*	*19.4*	**16.5**	*17.6*	*18.8*
Middle Atlantic	**12.9**	**14.3**	**14.9**	**13.9**	**13.7**	**15.3**	**16.1**	*15.0*	*15.0*	*16.5*	*17.4*	*16.4*	**14.0**	*15.0*	*16.3*
E. N. Central	**9.1**	**10.1**	**10.1**	**9.8**	**9.5**	**10.7**	**10.7**	*10.2*	*10.2*	*11.6*	*11.9*	*11.3*	**9.8**	*10.3*	*11.2*
W. N. Central	**7.4**	**8.6**	**8.9**	**7.9**	**7.6**	**9.1**	**9.5**	*8.5*	*8.2*	*9.8*	*10.4*	*9.3*	**8.2**	*8.6*	*9.5*
S. Atlantic	**9.3**	**10.1**	**10.4**	**10.1**	**9.9**	**10.7**	**11.2**	*10.9*	*11.0*	*12.1*	*12.5*	*12.0*	**10.0**	*10.7*	*11.9*
E. S. Central	**7.8**	**8.5**	**8.4**	**8.5**	**8.2**	**9.3**	**9.4**	*9.1*	*8.8*	*9.9*	*9.9*	*9.8*	**8.3**	*9.0*	*9.6*
W. S. Central	**10.8**	**11.5**	**11.4**	**11.0**	**10.5**	**12.0**	**12.5**	*11.9*	*11.0*	*12.9*	*13.8*	*13.3*	**11.2**	*11.8*	*12.9*
Mountain	**8.5**	**9.5**	**9.8**	**9.1**	**8.9**	**10.2**	**10.6**	*9.8*	*9.8*	*10.8*	*11.3*	*10.5*	**9.3**	*9.9*	*10.6*
Pacific	**11.1**	**11.8**	**12.9**	**11.3**	**11.3**	**11.7**	**13.4**	*12.3*	*12.3*	*13.3*	*14.7*	*13.4*	**11.8**	*12.2*	*13.4*
U.S. Average	**10.0**	**10.8**	**11.0**	**10.6**	**10.3**	**11.5**	**11.9**	*11.4*	*11.2*	*12.5*	*13.1*	*12.5*	**10.6**	*11.3*	*12.4*
Commercial Sector															
New England	**14.9**	**14.5**	**14.9**	**14.2**	**14.7**	**15.6**	**16.2**	*15.4*	*15.1*	*16.2*	*17.5*	*17.3*	**14.6**	*15.5*	*16.5*
Middle Atlantic	**12.3**	**13.1**	**14.1**	**13.0**	**12.9**	**14.2**	**15.7**	*14.1*	*14.1*	*15.4*	*17.3*	*16.0*	**13.1**	*14.3*	*15.8*
E. N. Central	**8.3**	**8.8**	**8.7**	**8.7**	**8.8**	**8.9**	**9.5**	*9.4*	*9.3*	*9.8*	*10.4*	*10.4*	**8.6**	*9.1*	*10.0*
W. N. Central	**6.2**	**6.9**	**7.3**	**6.4**	**6.4**	**7.3**	**7.8**	*6.8*	*7.1*	*8.0*	*8.5*	*7.5*	**6.7**	*7.1*	*7.8*
S. Atlantic	**8.5**	**8.6**	**8.8**	**8.7**	**8.8**	**9.1**	**9.4**	*9.4*	*9.4*	*9.8*	*10.3*	*10.4*	**8.6**	*9.2*	*10.0*
E. S. Central	**7.8**	**8.1**	**8.0**	**8.1**	**8.2**	**8.7**	**8.9**	*8.9*	*9.0*	*9.5*	*9.7*	*10.0*	**8.0**	*8.7*	*9.6*
W. S. Central	**9.2**	**9.4**	**9.5**	**9.4**	**9.4**	**10.3**	**10.9**	*10.4*	*10.1*	*10.5*	*10.9*	*10.8*	**9.4**	*10.3*	*10.6*
Mountain	**7.4**	**7.8**	**7.9**	**7.8**	**7.7**	**8.6**	**8.8**	*8.4*	*8.4*	*9.1*	*9.2*	*9.0*	**7.7**	*8.4*	*8.9*
Pacific	**10.1**	**11.1**	**12.4**	**10.8**	**10.0**	**11.4**	**13.0**	*11.4*	*11.1*	*12.4*	*14.3*	*12.5*	**11.2**	*11.5*	*12.6*
U.S. Average	**9.3**	**9.7**	**10.0**	**9.6**	**9.6**	**10.3**	**11.0**	*10.4*	*10.4*	*11.1*	*11.9*	*11.4*	**9.7**	*10.3*	*11.2*
Industrial Sector															
New England	**12.7**	**12.2**	**12.3**	**12.7**	**12.8**	**13.2**	**13.9**	*13.4*	*13.3*	*14.7*	*15.5*	*14.9*	**12.5**	*13.3*	*14.6*
Middle Atlantic	**7.8**	**8.1**	**8.4**	**7.9**	**8.0**	**8.6**	**9.2**	*8.6*	*8.9*	*9.4*	*10.3*	*9.8*	**8.1**	*8.6*	*9.6*
E. N. Central	**5.8**	**5.7**	**6.0**	**5.7**	**5.9**	**6.3**	**6.5**	*6.1*	*6.2*	*6.9*	*7.1*	*6.9*	**5.8**	*6.2*	*6.8*
W. N. Central	**4.8**	**5.2**	**5.5**	**4.8**	**4.9**	**5.3**	**5.8**	*5.2*	*5.4*	*5.9*	*6.5*	*5.7*	**5.1**	*5.3*	*5.9*
S. Atlantic	**5.3**	**5.5**	**6.1**	**5.7**	**5.8**	**6.1**	**6.5**	*6.1*	*6.2*	*6.6*	*7.1*	*6.7*	**5.6**	*6.1*	*6.7*
E. S. Central	**4.8**	**5.2**	**5.4**	**5.1**	**5.0**	**5.6**	**6.1**	*5.5*	*5.4*	*6.2*	*6.8*	*6.1*	**5.1**	*5.5*	*6.1*
W. S. Central	**7.0**	**7.1**	**7.1**	**7.0**	**7.3**	**8.4**	**8.6**	*7.8*	*7.3*	*8.4*	*9.1*	*8.5*	**7.1**	*8.0*	*8.3*
Mountain	**5.4**	**5.6**	**6.2**	**5.6**	**5.6**	**6.1**	**6.7**	*6.1*	*6.0*	*6.7*	*7.2*	*6.5*	**5.7**	*6.2*	*6.6*
Pacific	**7.4**	**7.7**	**8.5**	**7.9**	**7.5**	**7.8**	**8.9**	*8.4*	*8.1*	*8.6*	*9.6*	*8.9*	**7.9**	*8.2*	*8.8*
U.S. Average	**6.1**	**6.3**	**6.7**	**6.3**	**6.4**	**7.0**	**7.4**	*6.8*	*6.8*	*7.5*	*8.1*	*7.5*	**6.4**	*6.9*	*7.5*
All Sectors (a)															
New England	**15.3**	**14.8**	**15.0**	**14.6**	**15.1**	**15.7**	**16.4**	*16.1*	*15.9*	*16.8*	*17.7*	*17.6*	**14.9**	*15.8*	*17.0*
Middle Atlantic	**11.7**	**12.5**	**13.3**	**12.2**	**12.2**	**13.4**	**14.6**	*13.3*	*13.5*	*14.5*	*16.0*	*14.9*	**12.5**	*13.4*	*14.8*
E. N. Central	**7.7**	**8.0**	**8.3**	**7.9**	**8.0**	**8.5**	**8.9**	*8.4*	*8.5*	*9.2*	*9.8*	*9.4*	**8.0**	*8.5*	*9.2*
W. N. Central	**6.2**	**6.9**	**7.4**	**6.4**	**6.4**	**7.2**	**7.9**	*6.9*	*7.0*	*7.9*	*8.7*	*7.5*	**6.8**	*7.1*	*7.8*
S. Atlantic	**8.3**	**8.5**	**9.1**	**8.6**	**8.7**	**9.1**	**9.7**	*9.3*	*9.5*	*10.1*	*10.7*	*10.3*	**8.6**	*9.2*	*10.2*
E. S. Central	**6.6**	**7.0**	**7.3**	**6.9**	**6.9**	**7.6**	**8.1**	*7.5*	*7.5*	*8.2*	*8.7*	*8.3*	**7.0**	*7.5*	*8.2*
W. S. Central	**9.2**	**9.4**	**9.6**	**9.2**	**9.1**	**10.2**	**10.9**	*10.1*	*9.5*	*10.7*	*11.6*	*10.9*	**9.4**	*10.1*	*10.7*
Mountain	**7.2**	**7.7**	**8.2**	**7.6**	**7.5**	**8.3**	**8.9**	*8.2*	*8.2*	*8.9*	*9.5*	*8.8*	**7.7**	*8.3*	*8.9*
Pacific	**10.0**	**10.6**	**11.8**	**10.4**	**10.0**	**10.7**	**12.3**	*11.1*	*10.9*	*11.9*	*13.4*	*12.1*	**10.7**	*11.1*	*12.1*
U.S. Average	**8.7**	**9.1**	**9.6**	**9.0**	**9.0**	**9.7**	**10.5**	*9.8*	*9.7*	*10.5*	*11.4*	*10.7*	**9.1**	*9.8*	*10.6*

- = no data available

(a) Volume-weighted average of retail prices to residential, commercial, industrial, and transportation sectors.

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

Regions refer to U.S. Census divisions.

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

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

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

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

Table 7d. U.S. Electricity Generation by Fuel and Sector (Billion Kilowatthours per day)

Energy Information Administration/Short-Term Energy Outlook - October 2008

	2007				2008				2009				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2007	2008	2009
Electric Power Sector (a)															
Coal	**5.498**	**5.206**	**5.882**	**5.353**	**5.561**	**5.197**	**5.797**	*5.469*	*5.533*	*5.136*	*5.779*	*5.379*	**5.485**	*5.507*	*5.457*
Natural Gas	**1.722**	**2.084**	**3.092**	**2.009**	**1.899**	**2.128**	**3.168**	*1.945*	*1.851*	*2.235*	*3.267*	*2.066*	**2.230**	*2.287*	*2.358*
Other Gases	**0.011**	**0.010**	**0.011**	**0.010**	**0.016**	**0.015**	**0.012**	*0.010*	*0.011*	*0.011*	*0.012*	*0.010*	**0.011**	*0.013*	*0.011*
Petroleum	**0.212**	**0.160**	**0.183**	**0.119**	**0.115**	**0.116**	**0.150**	*0.111*	*0.109*	*0.101*	*0.129*	*0.107*	**0.168**	*0.123*	*0.112*
Residual Fuel Oil	**0.136**	**0.098**	**0.117**	**0.064**	**0.053**	**0.063**	**0.094**	*0.060*	*0.054*	*0.052*	*0.071*	*0.053*	**0.104**	*0.067*	*0.057*
Distillate Fuel Oil	**0.029**	**0.018**	**0.023**	**0.017**	**0.022**	**0.018**	**0.018**	*0.015*	*0.018*	*0.015*	*0.016*	*0.016*	**0.022**	*0.019*	*0.016*
Petroleum Coke	**0.040**	**0.040**	**0.039**	**0.035**	**0.035**	**0.032**	**0.033**	*0.032*	*0.030*	*0.031*	*0.039*	*0.036*	**0.038**	*0.033*	*0.034*
Other Petroleum	**0.006**	**0.004**	**0.005**	**0.003**	**0.004**	**0.003**	**0.004**	*0.004*	*0.006*	*0.003*	*0.003*	*0.003*	**0.004**	*0.004*	*0.004*
Nuclear	**2.262**	**2.102**	**2.316**	**2.159**	**2.201**	**2.107**	**2.265**	*2.133*	*2.235*	*2.164*	*2.303*	*2.138*	**2.210**	*2.177*	*2.210*
Pumped Storage Hydroelectric	**-0.016**	**-0.016**	**-0.022**	**-0.023**	**-0.018**	**-0.014**	**-0.019**	*-0.019*	*-0.016*	*-0.015*	*-0.018*	*-0.017*	**-0.019**	*-0.018*	*-0.017*
Other Fuels (b)	**0.019**	**0.020**	**0.020**	**0.019**	**0.019**	**0.022**	**0.024**	*0.022*	*0.022*	*0.022*	*0.025*	*0.022*	**0.020**	*0.022*	*0.023*
Renewables:															
Conventional Hydroelectric	**0.761**	**0.791**	**0.618**	**0.529**	**0.710**	**0.817**	**0.646**	*0.576*	*0.714*	*0.789*	*0.659*	*0.593*	**0.674**	*0.687*	*0.689*
Geothermal	**0.041**	**0.039**	**0.041**	**0.041**	**0.038**	**0.041**	**0.042**	*0.042*	*0.043*	*0.042*	*0.043*	*0.043*	**0.041**	*0.041*	*0.043*
Solar	**0.001**	**0.002**	**0.002**	**0.001**	**0.001**	**0.003**	**0.003**	*0.001*	*0.001*	*0.003*	*0.003*	*0.001*	**0.002**	*0.002*	*0.002*
Wind	**0.090**	**0.093**	**0.076**	**0.094**	**0.122**	**0.147**	**0.112**	*0.128*	*0.158*	*0.165*	*0.124*	*0.151*	**0.088**	*0.127*	*0.149*
Wood and Wood Waste	**0.030**	**0.026**	**0.029**	**0.028**	**0.030**	**0.027**	**0.032**	*0.030*	*0.031*	*0.028*	*0.032*	*0.030*	**0.028**	*0.030*	*0.030*
Other Renewables	**0.041**	**0.039**	**0.041**	**0.039**	**0.038**	**0.042**	**0.043**	*0.042*	*0.042*	*0.043*	*0.045*	*0.044*	**0.040**	*0.041*	*0.044*
Subtotal Electric Power Sector	**10.670**	**10.558**	**12.290**	**10.378**	**10.733**	**10.648**	**12.274**	*10.491*	*10.735*	*10.724*	*12.402*	*10.568*	**10.977**	*11.039*	*11.110*
Commercial Sector (c)															
Coal	**0.004**	**0.003**	**0.004**	**0.004**	**0.005**	**0.005**	**0.004**	*0.003*	*0.004*	*0.003*	*0.004*	*0.003*	**0.004**	*0.004*	*0.004*
Natural Gas	**0.012**	**0.012**	**0.013**	**0.012**	**0.013**	**0.011**	**0.013**	*0.012*	*0.013*	*0.012*	*0.014*	*0.012*	**0.012**	*0.012*	*0.013*
Petroleum	**0.001**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	*0.000*	*0.000*	*0.000*	*0.000*	*0.000*	**0.001**	*0.000*	*0.000*
Other Fuels (b)	**0.002**	**0.002**	**0.002**	**0.002**	**0.002**	**0.002**	**0.002**	*0.002*	*0.002*	*0.002*	*0.002*	*0.002*	**0.002**	*0.002*	*0.002*
Renewables (d)	**0.004**	**0.004**	**0.005**	**0.005**	**0.004**	**0.005**	**0.005**	*0.005*	*0.004*	*0.005*	*0.005*	*0.005*	**0.004**	*0.005*	*0.005*
Subtotal Commercial Sector	**0.023**	**0.023**	**0.024**	**0.023**	**0.024**	**0.024**	**0.025**	*0.023*	*0.023*	*0.023*	*0.025*	*0.023*	**0.023**	*0.024*	*0.024*
Industrial Sector (c)															
Coal	**0.048**	**0.047**	**0.049**	**0.045**	**0.046**	**0.050**	**0.055**	*0.051*	*0.050*	*0.047*	*0.050*	*0.048*	**0.047**	*0.050*	*0.049*
Natural Gas	**0.201**	**0.194**	**0.216**	**0.209**	**0.208**	**0.190**	**0.213**	*0.212*	*0.219*	*0.206*	*0.223*	*0.215*	**0.205**	*0.206*	*0.216*
Other Gases	**0.032**	**0.034**	**0.032**	**0.028**	**0.028**	**0.031**	**0.033**	*0.029*	*0.030*	*0.033*	*0.034*	*0.029*	**0.032**	*0.030*	*0.031*
Petroleum	**0.013**	**0.012**	**0.010**	**0.010**	**0.008**	**0.007**	**0.010**	*0.010*	*0.010*	*0.010*	*0.011*	*0.011*	**0.011**	*0.009*	*0.010*
Other Fuels (b)	**0.016**	**0.017**	**0.016**	**0.016**	**0.009**	**0.011**	**0.017**	*0.016*	*0.010*	*0.012*	*0.017*	*0.016*	**0.016**	*0.013*	*0.014*
Renewables:															
Conventional Hydroelectric	**0.009**	**0.007**	**0.005**	**0.004**	**0.009**	**0.007**	**0.005**	*0.004*	*0.010*	*0.008*	*0.005*	*0.004*	**0.006**	*0.006*	*0.007*
Wood and Wood Waste	**0.075**	**0.076**	**0.079**	**0.078**	**0.075**	**0.074**	**0.080**	*0.081*	*0.080*	*0.078*	*0.082*	*0.081*	**0.077**	*0.077*	*0.080*
Other Renewables (e)	**0.002**	**0.002**	**0.002**	**0.002**	**0.002**	**0.002**	**0.002**	*0.002*	*0.002*	*0.002*	*0.002*	*0.002*	**0.002**	*0.002*	*0.002*
Subtotal Industrial Sector	**0.395**	**0.388**	**0.409**	**0.391**	**0.385**	**0.372**	**0.413**	*0.405*	*0.409*	*0.396*	*0.424*	*0.406*	**0.396**	*0.394*	*0.409*
Total All Sectors	**11.089**	**10.968**	**12.723**	**10.792**	**11.142**	**11.044**	**12.712**	*10.919*	*11.167*	*11.143*	*12.851*	*10.998*	**11.396**	*11.456*	*11.543*

- = no data available

(a) Electric utilities and independent power producers.

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

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

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

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

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

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

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

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

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

Table 7e. U.S. Fuel Consumption for Electricity Generation by Sector

Energy Information Administration/Short-Term Energy Outlook - October 2008

	2007				2008				2009				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2007	2008	2009
Electric Power Sector (a)															
Coal (mmst/d)	**2.86**	**2.71**	**3.09**	**2.80**	**2.88**	**2.73**	**3.05**	*2.88*	*2.89*	*2.70*	*3.06*	*2.84*	**2.86**	*2.88*	*2.87*
Natural Gas (bcf/d)	**13.97**	**17.20**	**25.92**	**16.50**	**14.78**	**17.17**	**25.70**	*15.50*	*14.76*	*18.12*	*26.60*	*16.36*	**18.43**	*18.30*	*18.98*
Petroleum (mmb/d) (b)	**0.37**	**0.29**	**0.33**	**0.22**	**0.21**	**0.21**	**0.27**	*0.20*	*0.20*	*0.19*	*0.24*	*0.20*	**0.30**	*0.22*	*0.21*
Residual Fuel Oil (mmb/d)	**0.23**	**0.16**	**0.20**	**0.11**	**0.09**	**0.11**	**0.16**	*0.10*	*0.09*	*0.09*	*0.12*	*0.09*	**0.17**	*0.11*	*0.10*
Distillate Fuel Oil (mmb/d)	**0.06**	**0.04**	**0.05**	**0.03**	**0.04**	**0.03**	**0.04**	*0.03*	*0.03*	*0.03*	*0.03*	*0.03*	**0.04**	*0.04*	*0.03*
Petroleum Coke (mmst/d)	**0.08**	**0.08**	**0.08**	**0.07**	**0.07**	**0.06**	**0.07**	*0.07*	*0.06*	*0.06*	*0.08*	*0.07*	**0.08**	*0.07*	*0.07*
Other Petroleum (mmb/d)	**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*
Commercial Sector (c)															
Coal (mmst/d)	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*	**0.00**	*0.00*	*0.00*
Natural Gas (bcf/d)	**0.13**	**0.13**	**0.15**	**0.13**	**0.11**	**0.10**	**0.15**	*0.13*	*0.15*	*0.13*	*0.15*	*0.14*	**0.14**	*0.12*	*0.14*
Petroleum (mmb/d) (b)	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*	**0.00**	*0.00*	*0.00*
Industrial Sector (c)															
Coal (mmst/d)	**0.02**	**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*
Natural Gas (bcf/d)	**1.97**	**1.90**	**2.12**	**2.03**	**1.59**	**1.59**	**2.08**	*2.09*	*2.18*	*2.04*	*2.21*	*2.12*	**2.01**	*1.84*	*2.14*
Petroleum (mmb/d) (b)	**0.02**	**0.02**	**0.02**	**0.02**	**0.01**	**0.01**	**0.02**	*0.02*	*0.02*	*0.02*	*0.02*	*0.02*	**0.02**	*0.02*	*0.02*
Total All Sectors															
Coal (mmst/d)	**2.88**	**2.73**	**3.11**	**2.82**	**2.90**	**2.76**	**3.08**	*2.90*	*2.92*	*2.72*	*3.08*	*2.86*	**2.89**	*2.91*	*2.90*
Natural Gas (bcf/d)	**16.07**	**19.24**	**28.18**	**18.67**	**16.49**	**18.86**	**27.93**	*17.73*	*17.08*	*20.29*	*28.96*	*18.61*	**20.57**	*20.27*	*21.26*
Petroleum (mmb/d) (b)	**0.40**	**0.31**	**0.35**	**0.24**	**0.22**	**0.22**	**0.29**	*0.22*	*0.22*	*0.20*	*0.26*	*0.22*	**0.32**	*0.24*	*0.23*
End-of-period Fuel Inventories Held by Electric Power Sector															
Coal (mmst)	**143.0**	**156.4**	**143.9**	**151.1**	**147.0**	**156.8**	**142.7**	*152.9*	*153.0*	*157.7*	*140.3*	*156.2*	**151.1**	*152.9*	*156.2*
Residual Fuel Oil (mmb)	**23.1**	**26.2**	**25.0**	**24.1**	**22.9**	**23.1**	**22.0**	*24.1*	*22.9*	*24.3*	*22.0*	*23.6*	**24.1**	*24.1*	*23.6*
Distillate Fuel Oil (mmb)	**16.9**	**16.9**	**17.2**	**17.6**	**16.9**	**16.4**	**16.5**	*17.1*	*16.5*	*16.5*	*16.5*	*17.0*	**17.6**	*17.1*	*17.0*
Petroleum Coke (mmb)	**3.2**	**2.8**	**2.7**	**2.7**	**3.4**	**2.4**	**3.4**	*3.1*	*2.9*	*2.9*	*3.3*	*3.2*	**2.7**	*3.1*	*3.2*

- = no data available

(a) Electric utilities and independent power producers.

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

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

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

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

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

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

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

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

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

Energy Information Administration/Short-Term Energy Outlook - October 2008

	2007				2008				2009				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2007	2008	2009
Supply															
Hydroelectric Power (a)	**0.693**	**0.726**	**0.573**	**0.490**	**0.654**	**0.751**	**0.600**	*0.535*	*0.653*	*0.727*	*0.613*	*0.551*	**2.481**	*2.540*	*2.544*
Geothermal	**0.088**	**0.085**	**0.089**	**0.089**	**0.084**	**0.089**	**0.092**	*0.092*	*0.094*	*0.091*	*0.095*	*0.094*	**0.352**	*0.358*	*0.375*
Solar	**0.018**	**0.020**	**0.020**	**0.018**	**0.020**	**0.022**	**0.021**	*0.020*	*0.021*	*0.023*	*0.023*	*0.021*	**0.076**	*0.083*	*0.088*
Wind	**0.081**	**0.085**	**0.070**	**0.086**	**0.111**	**0.134**	**0.104**	*0.118*	*0.143*	*0.151*	*0.114*	*0.139*	**0.322**	*0.467*	*0.547*
Wood	**0.509**	**0.499**	**0.540**	**0.600**	**0.474**	**0.466**	**0.545**	*0.541*	*0.511*	*0.512*	*0.543*	*0.537*	**2.148**	*2.025*	*2.103*
Biofuels and Biomass	**0.121**	**0.130**	**0.142**	**0.156**	**0.171**	**0.187**	**0.201**	*0.206*	*0.205*	*0.212*	*0.216*	*0.219*	**0.549**	*0.765*	*0.852*
Other Renewables	**0.105**	**0.099**	**0.109**	**0.110**	**0.087**	**0.092**	**0.105**	*0.100*	*0.097*	*0.103*	*0.106*	*0.101*	**0.422**	*0.384*	*0.408*
Total	**1.631**	**1.660**	**1.558**	**1.565**	**1.618**	**1.761**	**1.684**	*1.627*	*1.741*	*1.836*	*1.726*	*1.680*	**6.414**	*6.690*	*6.984*
Consumption															
Electric Power Sector															
Hydroelectric Power (a)	**0.686**	**0.722**	**0.570**	**0.488**	**0.648**	**0.745**	**0.595**	*0.531*	*0.644*	*0.720*	*0.608*	*0.547*	**2.465**	*2.519*	*2.519*
Geothermal	**0.078**	**0.075**	**0.079**	**0.079**	**0.073**	**0.078**	**0.081**	*0.081*	*0.082*	*0.079*	*0.083*	*0.082*	**0.312**	*0.314*	*0.327*
Solar	**0.001**	**0.002**	**0.002**	**0.001**	**0.001**	**0.003**	**0.002**	*0.001*	*0.001*	*0.003*	*0.002*	*0.001*	**0.006**	*0.007*	*0.006*
Wind	**0.081**	**0.085**	**0.070**	**0.086**	**0.111**	**0.134**	**0.104**	*0.118*	*0.143*	*0.151*	*0.114*	*0.139*	**0.322**	*0.467*	*0.547*
Wood	**0.048**	**0.044**	**0.046**	**0.045**	**0.049**	**0.042**	**0.051**	*0.049*	*0.048*	*0.044*	*0.051*	*0.049*	**0.184**	*0.191*	*0.192*
Other Renewables	**0.061**	**0.059**	**0.062**	**0.060**	**0.056**	**0.060**	**0.065**	*0.063*	*0.062*	*0.064*	*0.068*	*0.065*	**0.243**	*0.244*	*0.259*
Subtotal	**0.956**	**0.987**	**0.829**	**0.760**	**0.939**	**1.062**	**0.899**	*0.843*	*0.980*	*1.061*	*0.926*	*0.883*	**3.532**	*3.743*	*3.850*
Industrial Sector															
Hydroelectric Power (a)	**0.006**	**0.004**	**0.003**	**0.002**	**0.006**	**0.005**	**0.005**	*0.004*	*0.009*	*0.007*	*0.005*	*0.004*	**0.016**	*0.020*	*0.025*
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*	**0.005**	*0.005*	*0.005*
Wood and Wood Waste	**0.340**	**0.335**	**0.373**	**0.431**	**0.319**	**0.314**	**0.380**	*0.376*	*0.353*	*0.357*	*0.380*	*0.373*	**1.478**	*1.388*	*1.462*
Other Renewables	**0.034**	**0.031**	**0.037**	**0.040**	**0.024**	**0.024**	**0.031**	*0.028*	*0.028*	*0.031*	*0.030*	*0.028*	**0.142**	*0.107*	*0.116*
Subtotal	**0.479**	**0.468**	**0.512**	**0.572**	**0.473**	**0.466**	**0.540**	*0.532*	*0.546*	*0.551*	*0.570*	*0.560*	**2.031**	*2.011*	*2.226*
Commercial Sector															
Hydroelectric Power (a)	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	*0.000*	*0.000*	*0.000*	*0.000*	*0.000*	**0.001**	*0.001*	*0.001*
Geothermal	**0.004**	**0.004**	**0.004**	**0.004**	**0.004**	**0.004**	**0.004**	*0.004*	*0.004*	*0.004*	*0.004*	*0.004*	**0.014**	*0.015*	*0.015*
Wood and Wood Waste	**0.020**	**0.020**	**0.020**	**0.023**	**0.006**	**0.009**	**0.013**	*0.015*	*0.010*	*0.010*	*0.012*	*0.015*	**0.083**	*0.043*	*0.047*
Other Renewables	**0.010**	**0.009**	**0.010**	**0.010**	**0.007**	**0.008**	**0.009**	*0.008*	*0.007*	*0.009*	*0.009*	*0.008*	**0.037**	*0.032*	*0.033*
Subtotal	**0.034**	**0.033**	**0.033**	**0.037**	**0.017**	**0.022**	**0.027**	*0.028*	*0.021*	*0.024*	*0.025*	*0.028*	**0.137**	*0.093*	*0.098*
Residential Sector															
Geothermal	**0.005**	**0.005**	**0.005**	**0.005**	**0.006**	**0.006**	**0.006**	*0.006*	*0.007*	*0.007*	*0.007*	*0.007*	**0.021**	*0.024*	*0.028*
Wood	**0.101**	**0.101**	**0.101**	**0.101**	**0.101**	**0.101**	**0.101**	*0.101*	*0.100*	*0.100*	*0.100*	*0.100*	**0.403**	*0.403*	*0.401*
Solar	**0.018**	**0.018**	**0.018**	**0.018**	**0.019**	**0.019**	**0.019**	*0.019*	*0.020*	*0.020*	*0.020*	*0.020*	**0.070**	*0.076*	*0.082*
Subtotal	**0.123**	**0.123**	**0.123**	**0.123**	**0.126**	**0.126**	**0.126**	*0.126*	*0.128*	*0.128*	*0.128*	*0.128*	**0.494**	*0.503*	*0.511*
Transportation Sector															
Biofuels (b)	**0.148**	**0.152**	**0.162**	**0.181**	**0.189**	**0.215**	**0.224**	*0.230*	*0.223*	*0.231*	*0.235*	*0.240*	**0.643**	*0.858*	*0.929*
Total Consumption	**1.740**	**1.764**	**1.661**	**1.673**	**1.743**	**1.893**	**1.815**	*1.759*	*1.897*	*1.993*	*1.883*	*1.839*	**6.837**	*7.210*	*7.613*

- = no data available

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

(b) Fuel ethanol supply includes production but excludes imports, exports, and stock change. Fuel ethanol consumption in transportation sector represents total fuel ethanol blended into motor gasoline.

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

Historical data: Latest data available from EIA databases supporting the following reports: *Electric Power Monthly* , DOE/EIA-0226 and *Renewable Energy Annual* , DOE/EIA-0603; *Petroleum Supply Monthly* , DOE/EIA-0109.

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

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

Table 9a. U.S. Macroeconomic Energy Indicators

Energy Information Administration/Short-Term Energy Outlook - October 2008

	2007				2008				2009				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2007	2008	2009
Macroeconomic															
Real Gross Domestic Product															
(billion chained 2000 dollars - SAAR)	**11,358**	**11,491**	**11,626**	**11,621**	**11,646**	**11,740**	**11,776**	*11,765*	*11,751*	*11,795*	*11,841*	*11,913*	**11,524**	*11,732*	*11,825*
Real Disposable Personal Income															
(billion chained 2000 Dollars - SAAR)	**8,618**	**8,605**	**8,671**	**8,683**	**8,668**	**8,905**	**8,713**	*8,680*	*8,737*	*8,802*	*8,822*	*8,843*	**8,644**	*8,741*	*8,801*
Real Fixed Investment															
(billion chained 2000 dollars-SAAR)	**1,808**	**1,821**	**1,817**	**1,788**	**1,762**	**1,751**	**1,740**	*1,739*	*1,686*	*1,671*	*1,676*	*1,700*	**1,809**	*1,748*	*1,683*
Business Inventory Change															
(billion chained 2000 dollars-SAAR)	**-7.15**	**-7.69**	**-2.21**	**2.91**	**13.75**	**-24.91**	**-14.46**	*-23.71*	*-22.92*	*-20.58*	*-13.41*	*-4.43*	**-3.54**	*-12.33*	*-15.33*
Housing Stock															
(millions)	**122.2**	**122.5**	**122.7**	**122.9**	**123.1**	**123.2**	**123.3**	*123.4*	*123.5*	*123.6*	*123.7*	*123.8*	**122.9**	*123.4*	*123.8*
Non-Farm Employment															
(millions)	**137.2**	**137.5**	**137.8**	**138.0**	**137.9**	**137.7**	**137.5**	*137.3*	*137.2*	*137.3*	*137.4*	*137.6*	**137.6**	*137.6*	*137.4*
Commercial Employment															
(millions)	**90.9**	**91.3**	**91.6**	**91.9**	**92.0**	**91.9**	**91.8**	*91.7*	*91.8*	*92.2*	*92.4*	*92.7*	**91.4**	*91.9*	*92.3*
Industrial Production Indices (Index, 2002=100)															
Total Industrial Production	**110.2**	**111.1**	**112.1**	**112.2**	**112.3**	**111.4**	**111.3**	*111.0*	*110.8*	*111.2*	*111.9*	*112.5*	**111.4**	*111.5*	*111.6*
Manufacturing	**112.6**	**113.9**	**115.1**	**115.0**	**114.8**	**113.7**	**113.9**	*113.2*	*113.3*	*113.8*	*114.8*	*115.7*	**114.2**	*113.9*	*114.4*
Food	**108.0**	**109.5**	**111.2**	**111.5**	**112.6**	**112.7**	**112.7**	*112.9*	*113.1*	*113.4*	*113.8*	*114.3*	**110.1**	*112.7*	*113.7*
Paper	**96.3**	**95.9**	**95.5**	**95.6**	**94.9**	**94.8**	**93.6**	*92.9*	*92.8*	*92.8*	*93.1*	*93.6*	**95.8**	*94.1*	*93.1*
Chemicals	**113.6**	**114.1**	**114.6**	**114.6**	**113.8**	**113.3**	**113.9**	*113.8*	*114.1*	*114.3*	*114.8*	*115.5*	**114.2**	*113.7*	*114.7*
Petroleum	**109.9**	**108.1**	**108.4**	**108.5**	**110.6**	**110.7**	**111.0**	*111.0*	*110.0*	*109.2*	*108.8*	*108.6*	**108.7**	*110.8*	*109.1*
Stone, Clay, Glass	**106.5**	**107.8**	**110.0**	**108.2**	**105.8**	**104.6**	**103.3**	*98.8*	*94.8*	*92.5*	*92.2*	*92.7*	**108.1**	*103.1*	*93.0*
Primary Metals	**108.8**	**110.1**	**111.3**	**111.3**	**114.0**	**110.2**	**110.4**	*109.8*	*109.5*	*109.0*	*109.2*	*109.8*	**110.3**	*111.1*	*109.4*
Resins and Synthetic Products	**107.1**	**110.8**	**109.0**	**108.5**	**104.9**	**105.4**	**105.3**	*105.1*	*105.6*	*105.6*	*106.0*	*106.8*	**108.8**	*105.2*	*106.0*
Agricultural Chemicals	**114.1**	**110.5**	**112.9**	**113.2**	**110.2**	**107.3**	**106.2**	*108.3*	*109.7*	*111.9*	*113.9*	*114.4*	**112.7**	*108.0*	*112.5*
Natural Gas-weighted (a)	**108.9**	**109.5**	**110.1**	**110.0**	**109.5**	**108.4**	**108.1**	*107.7*	*107.4*	*107.3*	*107.7*	*108.1*	**109.7**	*108.4*	*107.6*
Price Indexes															
Consumer Price Index															
(index, 1982-1984=1.00)	**2.04**	**2.07**	**2.08**	**2.11**	**2.13**	**2.15**	**2.19**	*2.21*	*2.23*	*2.22*	*2.24*	*2.26*	**2.07**	*2.17*	*2.24*
Producer Price Index: All Commodities															
(index, 1982=1.00)	**1.67**	**1.72**	**1.73**	**1.77**	**1.85**	**1.95**	**2.00**	*2.01*	*2.02*	*2.00*	*2.01*	*2.02*	**1.73**	*1.95*	*2.01*
Producer Price Index: Petroleum															
(index, 1982=1.00)	**1.76**	**2.21**	**2.22**	**2.37**	**2.58**	**3.18**	**3.23**	*2.90*	*3.03*	*3.17*	*2.92*	*2.78*	**2.14**	*2.97*	*2.98*
GDP Implicit Price Deflator															
(index, 2000=100)	**118.9**	**119.5**	**120.0**	**120.8**	**121.6**	**122.0**	**123.1**	*124.1*	*124.8*	*124.8*	*125.6*	*126.5*	**119.8**	*122.7*	*125.4*
Miscellaneous															
Vehicle Miles Traveled (b)															
(million miles/day)	**7,824**	**8,534**	**8,429**	**8,045**	**7,566**	**8,244**	**8,124**	*8,016*	*7,494*	*8,268*	*8,171*	*7,919*	**8,209**	*7,988*	*7,965*
Air Travel Capacity															
(Available ton-miles/day, thousands)	**543**	**561**	**570**	**558**	**537**	**543**	**547**	*523*	*513*	*549*	*538*	*523*	**558**	*537*	*531*
Aircraft Utilization															
(Revenue ton-miles/day, thousands)	**320**	**347**	**353**	**334**	**321**	**338**	**348**	*315*	*306*	*349*	*342*	*312*	**338**	*330*	*327*
Airline Ticket Price Index															
(index, 1982-1984=100)	**242.0**	**251.8**	**255.9**	**257.1**	**263.5**	**288.1**	**303.2**	*278.0*	*287.4*	*310.6*	*321.4*	*296.9*	**251.7**	*283.2*	*304.1*
Raw Steel Production															
(million short tons per day)	**0.279**	**0.295**	**0.299**	**0.297**	**0.302**	**0.303**	**0.299**	*0.284*	*0.297*	*0.307*	*0.308*	*0.293*	**0.293**	*0.297*	*0.301*

- = no data available

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

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

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

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

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

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

Table 9b. U.S. Regional Macroeconomic Data

Energy Information Administration/Short-Term Energy Outlook - October 2008

	2007				2008				2009				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2007	2008	2009
Real Gross State Product (Billion $2000)															
New England	**624**	**630**	**637**	**637**	**637**	**643**	**643**	*641*	*640*	*642*	*644*	*647*	**632**	*641*	*643*
Middle Atlantic	**1,719**	**1,738**	**1,756**	**1,755**	**1,758**	**1,772**	**1,776**	*1,772*	*1,767*	*1,772*	*1,775*	*1,783*	**1,742**	*1,769*	*1,774*
E. N. Central	**1,638**	**1,653**	**1,668**	**1,663**	**1,664**	**1,677**	**1,680**	*1,676*	*1,672*	*1,674*	*1,677*	*1,684*	**1,655**	*1,674*	*1,677*
W. N. Central	**721**	**729**	**737**	**737**	**738**	**744**	**746**	*745*	*743*	*746*	*748*	*752*	**731**	*743*	*747*
S. Atlantic	**2,098**	**2,123**	**2,148**	**2,149**	**2,155**	**2,171**	**2,177**	*2,176*	*2,175*	*2,185*	*2,195*	*2,210*	**2,129**	*2,170*	*2,191*
E. S. Central	**538**	**543**	**550**	**549**	**550**	**554**	**556**	*555*	*554*	*557*	*559*	*562*	**545**	*554*	*558*
W. S. Central	**1,199**	**1,218**	**1,236**	**1,239**	**1,246**	**1,261**	**1,269**	*1,272*	*1,276*	*1,285*	*1,294*	*1,305*	**1,223**	*1,262*	*1,290*
Mountain	**747**	**759**	**770**	**771**	**774**	**780**	**783**	*783*	*783*	*787*	*791*	*796*	**762**	*780*	*789*
Pacific	**1,994**	**2,016**	**2,041**	**2,038**	**2,042**	**2,056**	**2,062**	*2,059*	*2,056*	*2,064*	*2,075*	*2,089*	**2,022**	*2,055*	*2,071*
Industrial Output, Manufacturing (Index, Year 1997=100)															
New England	**107.3**	**108.6**	**110.0**	**109.9**	**109.7**	**108.6**	**108.7**	*107.9*	*107.6*	*107.4*	*107.9*	*108.4*	**108.9**	*108.7*	*107.8*
Middle Atlantic	**105.7**	**106.9**	**107.9**	**107.4**	**106.9**	**106.0**	**106.1**	*105.4*	*105.4*	*105.5*	*106.2*	*106.8*	**107.0**	*106.1*	*106.0*
E. N. Central	**109.7**	**110.9**	**111.7**	**111.4**	**111.1**	**109.9**	**109.9**	*109.2*	*109.4*	*110.0*	*110.8*	*111.7*	**110.9**	*110.0*	*110.5*
W. N. Central	**119.5**	**121.2**	**123.0**	**123.1**	**123.2**	**122.0**	**122.5**	*122.0*	*122.7*	*123.7*	*125.2*	*126.5*	**121.7**	*122.4*	*124.5*
S. Atlantic	**109.1**	**109.8**	**110.6**	**110.3**	**109.8**	**108.4**	**108.3**	*107.3*	*107.3*	*107.7*	*108.6*	*109.5*	**110.0**	*108.4*	*108.3*
E. S. Central	**115.8**	**116.7**	**117.7**	**117.4**	**116.9**	**115.7**	**115.7**	*114.8*	*115.2*	*115.9*	*117.2*	*118.5*	**116.9**	*115.8*	*116.7*
W. S. Central	**118.9**	**121.1**	**122.7**	**122.9**	**123.0**	**122.1**	**122.5**	*121.9*	*122.3*	*123.2*	*124.5*	*125.7*	**121.4**	*122.4*	*123.9*
Mountain	**124.3**	**126.1**	**127.5**	**127.7**	**127.5**	**126.5**	**127.1**	*126.5*	*126.3*	*126.4*	*127.3*	*128.2*	**126.4**	*126.9*	*127.0*
Pacific	**114.4**	**115.8**	**117.4**	**117.6**	**117.3**	**116.5**	**117.0**	*116.4*	*116.4*	*116.5*	*117.5*	*118.5*	**116.3**	*116.8*	*117.2*
Real Personal Income (Billion $2000)															
New England	**570**	**567**	**571**	**572**	**571**	**575**	**570**	*568*	*570*	*573*	*573*	*574*	**570**	*571*	*572*
Middle Atlantic	**1,560**	**1,542**	**1,553**	**1,554**	**1,552**	**1,559**	**1,553**	*1,552*	*1,554*	*1,563*	*1,564*	*1,568*	**1,552**	*1,554*	*1,562*
E. N. Central	**1,437**	**1,431**	**1,437**	**1,437**	**1,434**	**1,448**	**1,431**	*1,428*	*1,430*	*1,438*	*1,438*	*1,440*	**1,435**	*1,435*	*1,437*
W. N. Central	**621**	**625**	**629**	**631**	**626**	**630**	**624**	*626*	*627*	*631*	*631*	*633*	**626**	*627*	*630*
S. Atlantic	**1,835**	**1,835**	**1,847**	**1,850**	**1,850**	**1,861**	**1,844**	*1,844*	*1,848*	*1,861*	*1,867*	*1,875*	**1,842**	*1,850*	*1,863*
E. S. Central	**483**	**485**	**488**	**488**	**487**	**493**	**488**	*487*	*489*	*492*	*493*	*495*	**486**	*488*	*492*
W. S. Central	**1,046**	**1,057**	**1,068**	**1,072**	**1,074**	**1,086**	**1,080**	*1,082*	*1,088*	*1,098*	*1,103*	*1,109*	**1,061**	*1,080*	*1,100*
Mountain	**640**	**642**	**648**	**649**	**649**	**653**	**648**	*649*	*651*	*656*	*658*	*660*	**645**	*650*	*656*
Pacific	**1,679**	**1,689**	**1,700**	**1,703**	**1,698**	**1,710**	**1,693**	*1,690*	*1,692*	*1,704*	*1,709*	*1,716*	**1,693**	*1,698*	*1,705*
Households (Thousands)															
New England	**5,524**	**5,528**	**5,533**	**5,538**	**5,540**	**5,545**	**5,548**	*5,550*	*5,556*	*5,566*	*5,573*	*5,580*	**5,538**	*5,550*	*5,580*
Middle Atlantic	**15,258**	**15,266**	**15,275**	**15,284**	**15,280**	**15,286**	**15,285**	*15,286*	*15,295*	*15,315*	*15,328*	*15,341*	**15,284**	*15,286*	*15,341*
E. N. Central	**17,975**	**17,991**	**18,007**	**18,022**	**18,076**	**18,084**	**18,087**	*18,105*	*18,098*	*18,119*	*18,147*	*18,178*	**18,022**	*18,105*	*18,178*
W. N. Central	**8,021**	**8,038**	**8,054**	**8,069**	**8,078**	**8,091**	**8,101**	*8,111*	*8,125*	*8,145*	*8,161*	*8,176*	**8,069**	*8,111*	*8,176*
S. Atlantic	**22,363**	**22,436**	**22,511**	**22,587**	**22,647**	**22,719**	**22,782**	*22,844*	*22,920*	*23,011*	*23,090*	*23,172*	**22,587**	*22,844*	*23,172*
E. S. Central	**7,036**	**7,053**	**7,069**	**7,086**	**7,097**	**7,112**	**7,126**	*7,138*	*7,156*	*7,177*	*7,196*	*7,214*	**7,086**	*7,138*	*7,214*
W. S. Central	**12,418**	**12,463**	**12,507**	**12,550**	**12,585**	**12,624**	**12,661**	*12,694*	*12,736*	*12,783*	*12,826*	*12,867*	**12,550**	*12,694*	*12,867*
Mountain	**7,908**	**7,952**	**7,996**	**8,040**	**8,079**	**8,122**	**8,161**	*8,200*	*8,244*	*8,294*	*8,341*	*8,387*	**8,040**	*8,200*	*8,387*
Pacific	**17,027**	**17,071**	**17,115**	**17,160**	**17,191**	**17,233**	**17,268**	*17,304*	*17,351*	*17,410*	*17,460*	*17,511*	**17,160**	*17,304*	*17,511*
Total Non-farm Employment (Millions)															
New England	**7.0**	**7.0**	**7.1**	**7.1**	**7.1**	**7.0**	**7.0**	*7.0*	*7.0*	*7.0*	*7.0*	*7.0*	**7.0**	*7.0*	*7.0*
Middle Atlantic	**18.5**	**18.6**	**18.6**	**18.7**	**18.6**	**18.6**	**18.6**	*18.5*	*18.5*	*18.5*	*18.5*	*18.5*	**18.6**	*18.6*	*18.5*
E. N. Central	**21.5**	**21.6**	**21.5**	**21.5**	**21.5**	**21.5**	**21.4**	*21.3*	*21.3*	*21.3*	*21.3*	*21.3*	**21.5**	*21.4*	*21.3*
W. N. Central	**10.2**	**10.2**	**10.2**	**10.2**	**10.2**	**10.2**	**10.2**	*10.2*	*10.2*	*10.2*	*10.2*	*10.2*	**10.2**	*10.2*	*10.2*
S. Atlantic	**26.5**	**26.5**	**26.5**	**26.6**	**26.6**	**26.6**	**26.5**	*26.5*	*26.5*	*26.5*	*26.6*	*26.6*	**26.5**	*26.5*	*26.5*
E. S. Central	**7.8**	**7.8**	**7.8**	**7.9**	**7.8**	**7.8**	**7.8**	*7.8*	*7.8*	*7.8*	*7.8*	*7.8*	**7.8**	*7.8*	*7.8*
W. S. Central	**14.9**	**15.0**	**15.1**	**15.2**	**15.2**	**15.2**	**15.2**	*15.3*	*15.3*	*15.3*	*15.4*	*15.5*	**15.1**	*15.2*	*15.4*
Mountain	**9.7**	**9.8**	**9.8**	**9.8**	**9.8**	**9.8**	**9.8**	*9.8*	*9.8*	*9.8*	*9.9*	*9.9*	**9.8**	*9.8*	*9.8*
Pacific	**20.7**	**20.8**	**20.8**	**20.8**	**20.8**	**20.8**	**20.7**	*20.7*	*20.6*	*20.6*	*20.7*	*20.7*	**20.8**	*20.7*	*20.7*

- = no data available

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

Regions refer to U.S. Census divisions.

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

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

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

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

Table 9c. U.S. Regional Weather Data

Energy Information Administration/Short-Term Energy Outlook - October 2008

	2007				2008				2009				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2007	2008	2009
Heating Degree-days															
New England	**3,283**	**910**	**107**	**2,201**	**3,105**	**867**	**196**	*2,271*	*3,218*	*930*	*181*	*2,255*	**6,501**	*6,438*	*6,584*
Middle Atlantic	**2,973**	**716**	**61**	**1,871**	**2,779**	**664**	**95**	*2,061*	*2,959*	*752*	*125*	*2,058*	**5,622**	*5,600*	*5,894*
E. N. Central	**3,171**	**721**	**77**	**2,127**	**3,349**	**789**	**140**	*2,281*	*3,129*	*793*	*156*	*2,311*	**6,096**	*6,559*	*6,389*
W. N. Central	**3,215**	**673**	**107**	**2,379**	**3,545**	**865**	**150**	*2,447*	*3,185*	*724*	*183*	*2,504*	**6,374**	*7,007*	*6,596*
South Atlantic	**1,446**	**247**	**7**	**886**	**1,360**	**236**	**22**	*1,055*	*1,503*	*247*	*25*	*1,056*	**2,585**	*2,674*	*2,831*
E. S. Central	**1,776**	**292**	**6**	**1,138**	**1,885**	**333**	**24**	*1,365*	*1,825*	*294*	*32*	*1,373*	**3,212**	*3,607*	*3,524*
W. S. Central	**1,270**	**149**	**2**	**736**	**1,231**	**162**	**11**	*864*	*1,202*	*107*	*9*	*893*	**2,157**	*2,268*	*2,211*
Mountain	**2,260**	**622**	**112**	**1,836**	**2,417**	**706**	**112**	*1,924*	*2,267*	*717*	*174*	*1,941*	**4,830**	*5,159*	*5,099*
Pacific	**1,371**	**501**	**91**	**1,150**	**1,525**	**537**	**58**	*1,143*	*1,417*	*553*	*105*	*1,142*	**3,113**	*3,263*	*3,217*
U.S. Average	**2,196**	**508**	**57**	**1,495**	**2,231**	**536**	**79**	*1,619*	*2,196*	*538*	*100*	*1,632*	**4,256**	*4,465*	*4,466*
Heating Degree-days, 30-year Normal (a)															
New England	**3,219**	**930**	**190**	**2,272**	**3,219**	**930**	**190**	*2,272*	*3,219*	*930*	*190*	*2,272*	**6,611**	*6,611*	*6,611*
Middle Atlantic	**2,968**	**752**	**127**	**2,064**	**2,968**	**752**	**127**	*2,064*	*2,968*	*752*	*127*	*2,064*	**5,911**	*5,911*	*5,911*
E. N. Central	**3,227**	**798**	**156**	**2,316**	**3,227**	**798**	**156**	*2,316*	*3,227*	*798*	*156*	*2,316*	**6,497**	*6,497*	*6,497*
W. N. Central	**3,326**	**729**	**183**	**2,512**	**3,326**	**729**	**183**	*2,512*	*3,326*	*729*	*183*	*2,512*	**6,750**	*6,750*	*6,750*
South Atlantic	**1,523**	**247**	**25**	**1,058**	**1,523**	**247**	**25**	*1,058*	*1,523*	*247*	*25*	*1,058*	**2,853**	*2,853*	*2,853*
E. S. Central	**1,895**	**299**	**33**	**1,377**	**1,895**	**299**	**33**	*1,377*	*1,895*	*299*	*33*	*1,377*	**3,604**	*3,604*	*3,604*
W. S. Central	**1,270**	**112**	**9**	**896**	**1,270**	**112**	**9**	*896*	*1,270*	*112*	*9*	*896*	**2,287**	*2,287*	*2,287*
Mountain	**2,321**	**741**	**183**	**1,964**	**2,321**	**741**	**183**	*1,964*	*2,321*	*741*	*183*	*1,964*	**5,209**	*5,209*	*5,209*
Pacific	**1,419**	**556**	**108**	**1,145**	**1,419**	**556**	**108**	*1,145*	*1,419*	*556*	*108*	*1,145*	**3,228**	*3,228*	*3,228*
U.S. Average	**2,242**	**543**	**101**	**1,638**	**2,242**	**543**	**101**	*1,638*	*2,242*	*543*	*101*	*1,638*	**4,524**	*4,524*	*4,524*
Cooling Degree-days															
New England	**0**	**83**	**393**	**8**	**0**	**127**	**363**	*0*	*0*	*69*	*355*	*0*	**484**	*489*	*424*
Middle Atlantic	**0**	**202**	**552**	**34**	**0**	**211**	**524**	*5*	*0*	*140*	*516*	*5*	**788**	*741*	*661*
E. N. Central	**3**	**273**	**595**	**30**	**0**	**192**	**466**	*8*	*1*	*197*	*502*	*8*	**899**	*667*	*708*
W. N. Central	**12**	**320**	**783**	**21**	**0**	**233**	**598**	*12*	*3*	*263*	*650*	*12*	**1,137**	*843*	*928*
South Atlantic	**126**	**575**	**1,219**	**290**	**115**	**670**	**1,102**	*208*	*113*	*567*	*1,086*	*213*	**2,211**	*2,095*	*1,979*
E. S. Central	**50**	**543**	**1,230**	**105**	**4**	**523**	**1,021**	*62*	*33*	*460*	*1,004*	*63*	**1,928**	*1,610*	*1,560*
W. S. Central	**103**	**728**	**1,431**	**228**	**61**	**912**	**1,369**	*180*	*86*	*783*	*1,423*	*177*	**2,490**	*2,522*	*2,469*
Mountain	**32**	**472**	**1,061**	**96**	**4**	**400**	**898**	*63*	*15*	*385*	*846*	*65*	**1,662**	*1,365*	*1,311*
Pacific	**13**	**178**	**576**	**42**	**0**	**218**	**684**	*41*	*7*	*152*	*511*	*41*	**809**	*943*	*711*
U.S. Average	**43**	**378**	**867**	**110**	**29**	**398**	**799**	*77*	*36*	*344*	*773*	*77*	**1,399**	*1,304*	*1,230*
Cooling Degree-days, 30-year Normal (a)															
New England	**0**	**81**	**361**	**1**	**0**	**81**	**361**	*1*	*0*	*81*	*361*	*1*	**443**	*443*	*443*
Middle Atlantic	**0**	**151**	**508**	**7**	**0**	**151**	**508**	*7*	*0*	*151*	*508*	*7*	**666**	*666*	*666*
E. N. Central	**1**	**208**	**511**	**10**	**1**	**208**	**511**	*10*	*1*	*208*	*511*	*10*	**730**	*730*	*730*
W. N. Central	**3**	**270**	**661**	**14**	**3**	**270**	**661**	*14*	*3*	*270*	*661*	*14*	**948**	*948*	*948*
South Atlantic	**113**	**576**	**1,081**	**213**	**113**	**576**	**1,081**	*213*	*113*	*576*	*1,081*	*213*	**1,983**	*1,983*	*1,983*
E. S. Central	**29**	**469**	**1,002**	**66**	**29**	**469**	**1,002**	*66*	*29*	*469*	*1,002*	*66*	**1,566**	*1,566*	*1,566*
W. S. Central	**80**	**790**	**1,424**	**185**	**80**	**790**	**1,424**	*185*	*80*	*790*	*1,424*	*185*	**2,479**	*2,479*	*2,479*
Mountain	**17**	**383**	**839**	**68**	**17**	**383**	**839**	*68*	*17*	*383*	*839*	*68*	**1,307**	*1,307*	*1,307*
Pacific	**10**	**171**	**526**	**49**	**10**	**171**	**526**	*49*	*10*	*171*	*526*	*49*	**756**	*756*	*756*
U.S. Average	**34**	**353**	**775**	**80**	**34**	**353**	**775**	*80*	*34*	*353*	*775*	*80*	**1,242**	*1,242*	*1,242*

- = no data available

(a) 30-year normal represents average over 1971 - 2000, reported by National Oceaenic and Atmospheric Administration.

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

Regions refer to U.S. Census divisions.

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

Historical data: Latest data available from U.S. Department of Commerce, National Oceanic and Atmospheric Association (NOAA).

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

Projections: Based on forecasts by the NOAA Climate Prediction Center.