

 **Short-Term Energy Outlook**

December 9, 2008 Release

Highlights

- The current global economic slowdown is now projected to be more severe and longer than in last month's *Outlook*, leading to further reductions of global energy demand and additional declines in crude oil and other energy prices.
- The monthly average price of West Texas Intermediate (WTI) crude oil has fallen by more than half between July and November, reflecting the fallout from the rapid decline in world petroleum demand. The annual average WTI price is now projected to be \$100 per barrel in 2008 and \$51 in 2009.
- The average U.S. prices for regular-grade gasoline and diesel fuel, at \$1.70 and \$2.52 per gallon respectively on December 8, were both more than \$2 per gallon below their highs in mid-July. With the assumption of a fragile economy throughout 2009, along with lower projected crude oil prices, annual average retail gasoline and diesel fuel prices in 2009 are projected to be \$2.03 and \$2.47 per gallon, respectively.
- Residential heating oil prices during this current heating season (October through March) are projected to average \$2.53 per gallon, a reduction of 24 percent from the 2007-2008 heating season. Residential propane prices are projected to average \$2.10 this winter, a decrease of 14 percent from last winter. Residential natural gas prices are projected to average \$12.56 per thousand cubic feet (Mcf), a decrease of 1.3 percent from last winter.
- The U.S. economic recession is also contributing to lower natural gas wellhead prices. The Henry Hub natural gas spot price is projected to decline from an average of \$9.17 per Mcf in 2008 to \$6.25 per Mcf in 2009.

Global Petroleum

Overview

The increasing likelihood of a prolonged global economic downturn continues to dominate market perceptions, putting downward pressure on oil prices. World real gross domestic product (GDP) growth is projected to slow from about 4 percent in 2006 and 2007 to about 2.7 percent this year and 0.5 percent in 2009. Last month's *Outlook* assumed world GDP would increase by 1.8 percent in 2009. The condition of the global economy and production decisions by members of the Organization of Petroleum Exporting Countries (OPEC) are expected to remain the crucial factors driving world oil prices.

Consumption. The status of the global economy has become the most important driver of oil consumption growth and EIA's oil consumption projections continue to be revised downward in response to lower forecasts for global economic growth. As a result, global oil consumption is expected to decline by 50,000 bbl/d in 2008 and by 450,000 bbl/d in 2009, which would mark the first time in 3 decades that world consumption would decline in 2 consecutive years. In both years, growth is concentrated in countries outside of the Organization for Economic Cooperation and Development (OECD), especially China, the Middle East, and Latin America. However, projected sharp declines in oil consumption in OECD countries more than offset any non-OECD oil consumption growth ([World Oil Consumption](#)). If the world economy recovers sooner or is stronger than EIA now anticipates, oil consumption could decline at a slower rate or potentially increase instead, putting upward pressure on oil prices.

Non-OPEC Supply. Non-OPEC supply is expected to decline by 310,000 bbl/d in 2008, reflecting a combination of factors that include large supply disruptions in Central Asia and the Gulf of Mexico and project delays. Although declines in many non-OPEC basins, especially Mexico, the North Sea and Russia, are expected to continue in 2009, EIA projects that total non-OPEC supply will grow by 410,000 bbl/d in 2009, with the largest sources of growth coming from Azerbaijan, Brazil and the United States.

The global economic slowdown and falling oil prices bring additional risk to the usual uncertainties (unexpected disruptions, project delays, underestimation of decline rates) concerning non-OPEC supply growth. Lower oil prices bring into doubt the viability of some high-cost non-OPEC projects, especially those utilizing nonconventional technology or those seeking to exploit frontier oil basins. The credit crunch associated with the global economic crisis can also make it difficult for oil

companies to acquire financing for new projects. If problems in global financial markets lead to delayed investment in existing and new oil fields, then even a short-lived economic downturn could have longer-term ramifications for world oil supply. This would heighten the risk of a return to a tight supply situation once the world economy and oil demand growth recover.

OPEC Supply. OPEC is scheduled to meet on December 17 to evaluate the effectiveness of its earlier decisions to cut production targets by 1.5 million bbl/d and to weigh the need for additional production cuts. Although the extent of OPEC members' compliance with the last production cut is still uncertain, EIA believes that the continued weak market conditions will prompt higher-than-usual compliance among OPEC members. It remains unclear whether production cuts so far are enough to avoid a counter-seasonal inventory build in the fourth quarter of 2008, a build that would add to downward price pressure over the winter. The position of some OPEC members at the upcoming meeting may be influenced by a desire to avoid excessive production cuts that might further tighten the market and trigger a sharp price rebound that could hurt the world economy.

EIA projects that OPEC crude production will fall from 32.6 million bbl/d in the third quarter of 2008 to 30.6 million bbl/d in the first quarter of 2009. OPEC crude production is expected to average 30.6 million bbl/d in 2009, about 1.6 million bbl/d below 2008 levels. The combination of lower demand for OPEC oil and capacity expansions expected in several OPEC countries would lead to a rise of surplus production capacity to an average of 4 million bbl/d in 2009 ([OPEC Surplus Oil Production Capacity](#)). In addition, EIA expects that OPEC production of non-crude liquids will rise substantially next year, growing by 770,000 bbl/d in 2009. Our price forecast for 2009 reflects both of these factors.

Inventories. Revised data indicate that OECD commercial inventories rose by 568,000 bbl/d in the third quarter of 2008, somewhat higher than historic rates for inventory builds during this time of year. OECD commercial inventories stood at 2.65 billion barrels at the end of the third quarter, equivalent to 57 days of forward consumption cover. On the basis of days of forward cover, OECD commercial inventories are well above historic levels, and EIA projects that they will remain there through the end of 2009 ([Days of Supply of OECD Commercial Stocks](#)).

U.S. Petroleum

Consumption. Buffeted by the increase in prices to record levels and the weakening economy, total petroleum products consumption in 2008 is projected to fall by 1.2 million bbl/d, or 5.8 percent, from the 2007 average ([U.S. Petroleum Products](#)).

[Consumption Growth](#)). Motor gasoline consumption is projected to decline by 320,000 bbl/d, or 3.4 percent, in 2008 with the year-over-year decline narrowing to 50,000 bbl/d in 2009. Despite the recent cold weather that gripped much of the Nation, distillate fuel consumption is projected to decline by 240,000 bbl/d, or 5.7 percent, in 2008, and by an additional 70,000 bbl/d in 2009. In 2009, total petroleum products consumption is projected to fall by 200,000 bbl/d, or 1 percent.

Production. In 2008, domestic crude oil production is projected to average 4.9 million bbl/d, a decline of 130,000 bbl/d from last year ([U.S. Crude Oil Production](#)). However, domestic production is projected to increase in 2009 by 320,000 bbl/d to an average of 5.25 million bbl/d. This would be the first production increase since 1991. Contributing to the increase in output are the Gulf of Mexico Thunder Horse platform, which is coming on stream now, and the Tahiti platform, expected to come on stream late in 2009.

Prices. Having fallen from record highs to below \$50 per barrel, WTI prices are projected to average around \$100 per barrel in 2008. Under current economic assumptions and assuming no major crude oil supply disruptions, WTI prices are expected to average \$51 per barrel in 2009 ([Crude Oil Prices](#)), down from the \$63.50 projected in last month's *Outlook*.

Regular-grade gasoline prices averaged \$1.70 per gallon on December 8, down substantially from their July 14 peak of \$4.11 per gallon. They are projected to average \$2.03 per gallon in 2009, down from the \$2.37 per gallon projected in the previous *Outlook*. Because of continued weakness in motor gasoline consumption, the difference between the price of gasoline and the cost of crude oil is expected to remain low throughout the forecast.

Residential heating oil retail prices this winter are projected to average \$2.53 per gallon, a decrease of 78 cents from last winter's average. On-highway diesel fuel retail prices are projected to average \$2.47 per gallon in 2009, down \$1.33 from the 2008 average, compared with a \$1.16-per-gallon decline in the price of WTI crude oil. The projected continuation of the decline in the consumption of diesel fuel in the United States as well as a slowing of the growth in distillate fuel usage outside the United States are expected to result in a weakening of refining margins.

Spot propane prices are strongly influenced by both crude oil and natural gas prices. Residential retail propane prices are projected to average \$2.10 per gallon this winter, a decrease of 14 percent from the last winter heating season. However, with current low inventories, propane markets are likely to remain relatively tight this winter, with

the potential for upward pressure on residential propane prices if the recent colder-than-normal weather persists.

Natural Gas

Consumption. Total natural gas consumption, which is more weather-driven than oil consumption, is expected to increase by 0.5 percent in 2008 and remain flat in 2009 ([Total U.S. Natural Gas Consumption Growth](#)). Consumption is projected to be higher in every sector in 2008, except for electric power, primarily due to the projected 5.3-percent increase in heating degree-days compared with last year. In 2009, consumption in the residential, commercial, and electric power sectors is expected to grow, albeit slightly. However, poor economic conditions both domestically and worldwide are expected to hamper U.S. industrial production activities through the forecast period. As a result, natural gas consumption in the industrial sector is expected to decline by 2.4 percent in 2009.

Production and Imports. Total U.S. marketed natural gas production is expected to increase by 5.4 percent in 2008 and by 0.9 percent in 2009. Domestic natural gas production continues to surge behind strong growth in the Lower-48 onshore, where annual average production is expected to increase by 9.1 percent this year. However, a dip in recent drilling activity, reflecting lower average prices and poor economic conditions, is expected to limit onshore production growth to 0.8 percent in 2009. Production outages in the Federal Gulf of Mexico (GOM) caused by Hurricanes Gustav and Ike led to a decline in offshore production of 14.5 percent in 2008. Production in the Federal GOM is expected to increase by 1.8 percent in 2009. U.S. imports of liquefied natural gas (LNG) are expected to total about 360 billion cubic feet (Bcf) in 2008 and slightly over 400 Bcf in 2009, remaining well below the 2007 level.

Inventories. On November 28, 2008, working natural gas in storage was 3,358 Bcf ([U.S. Working Natural Gas in Storage](#)). Current inventories are now 69 Bcf above the 5-year average (2003–2007) and 107 Bcf below the level during the corresponding week last year.

Prices. The Henry Hub spot price averaged \$6.87 per Mcf in November. Natural gas prices, which have declined from a monthly average of \$13.06 per Mcf in June, reflect the impact of increased domestic production, the weak economy, and lower oil prices. While these factors are expected to lead to lower natural gas prices throughout the forecast period, the pass-through of higher natural gas prices paid earlier in the year for supplies that will be called upon to meet winter demand is expected to contribute to a small increase in heating expenditures this winter for households that use gas as

their primary heating fuel. On an annual basis, the Henry Hub spot price is expected to average \$9.17 per Mcf in 2008 and \$6.25 per Mcf in 2009, compared with \$7.17 per Mcf in 2007.

Electricity

Consumption. Total electricity consumption during 2008 is projected to be flat at about 2007 levels, as slight growth in the commercial and industrial sectors is balanced by decline in the residential sector, primarily as a result of milder summer temperatures ([U.S. Total Electricity Consumption](#)). Total electricity consumption is expected to decline in 2009 due to the slow growth in new housing construction and reduced demand in the industrial sector.

Prices. Spot prices for power generation fuels continue to decline from their peak summer levels. Residential electricity prices are expected to rise by 6 percent this year and by 5 percent in 2009 ([U.S. Residential Electricity Prices](#)).

Coal

Consumption. Electric-power-sector coal consumption for the first half of 2008 grew by 1.3 percent, but a decline in summer (third quarter) electricity consumption is expected to limit annual electric-power-sector coal consumption growth to only 0.3 percent in 2008. An expected decline in electricity consumption in 2009, combined with projected increases from other generation sources (nuclear, natural gas, petroleum, and wind), will contribute to a projected 0.2-percent decline in electric-power-sector coal consumption. Consumption in the coke plant sector is expected to fall by 4.1 percent in 2008 and an additional 6.4 percent in 2009 ([U.S. Coal Consumption Growth](#)).

Production. A significant increase in coal exports in 2008 contributed to a 2.8-percent increase in coal production. Production is expected to fall by 2.6 percent in 2009 as lower total domestic coal consumption is combined with declines in exports and a small increase in imports. ([U.S. Annual Coal Production](#)).

Exports. Strong global demand for coal, combined with supply disruptions in several key coal-exporting countries (Australia, South Africa, and China), spurred an increase in U.S. coal exports. Although the supply disruptions have ended, worldwide demand for coal is projected to lead to a nearly 40-percent increase in U.S. coal exports in 2008. Reductions in global coal demand, coupled with the return to normal supply conditions in other major coal-producing and exporting countries are expected to reduce U.S. coal exports by 11 million short tons (a 13-percent decrease) 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 -- December 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	75.2	80.0	6.4
Price (\$/mcf)	9.99	11.77	12.64	16.40	14.69	12.99	15.14	15.04	-0.6
Expenditures (\$)	842	941	1,009	1,211	1,098	1,020	1,138	1,203	5.7
Midwest									
Consumption (mcf)	92.1	85.5	85.2	82.2	84.8	85.9	88.5	87.8	-0.8
Price (\$/mcf)	7.61	8.77	10.04	13.45	11.06	10.12	11.38	11.07	-2.8
Expenditures (\$)	701	750	855	1,106	938	870	1,008	972	-3.5
South									
Consumption (mcf)	60.6	55.6	54.0	53.8	54.8	55.8	53.5	57.7	7.9
Price (\$/mcf)	9.03	10.67	12.17	16.46	13.59	12.30	14.27	14.25	-0.2
Expenditures (\$)	547	594	658	886	745	686	764	823	7.7
West									
Consumption (mcf)	44.7	45.7	46.7	46.7	47.2	46.2	49.3	46.8	-5.0
Price (\$/mcf)	7.55	8.84	10.18	12.96	11.20	10.17	11.30	10.91	-3.5
Expenditures (\$)	338	404	475	605	528	470	557	511	-8.3
U.S. Average									
Consumption (mcf)	71.1	67.1	66.8	64.7	66.0	67.1	67.4	68.5	1.5
Price (\$/mcf)	8.42	9.81	11.04	14.58	12.35	11.18	12.72	12.56	-1.3
Expenditures (\$)	599	659	738	943	815	751	858	860	0.2
Households (thousands)	54,942	55,811	56,167	56,587	57,223	56,146	57,804	58,316	0.9
Heating Oil									
Northeast									
Consumption (gallons)	671.5	636.9	637.0	589.6	596.0	626.2	603.1	637.6	5.7
Price (\$/gallon)	1.42	1.46	1.93	2.45	2.51	1.93	3.31	2.53	-23.7
Expenditures (\$)	956	930	1,230	1,446	1,494	1,211	1,998	1,611	-19.4
Midwest									
Consumption (gallons)	531.6	488.9	486.0	466.9	483.7	491.4	508.8	503.8	-1.0
Price (\$/gallon)	1.35	1.34	1.84	2.37	2.39	1.84	3.32	2.53	-24.0
Expenditures (\$)	718	654	893	1,108	1,158	906	1,691	1,273	-24.8
South									
Consumption (gallons)	418.8	394.1	378.0	372.3	363.2	385.3	356.5	405.6	13.8
Price (\$/gallon)	1.41	1.45	1.94	2.46	2.38	1.91	3.34	2.60	-22.3
Expenditures (\$)	590	572	734	915	863	735	1,190	1,053	-11.6
West									
Consumption (gallons)	311.6	325.0	331.6	328.0	327.2	324.7	348.2	317.1	-8.9
Price (\$/gallon)	1.39	1.46	1.99	2.49	2.57	1.99	3.36	2.52	-25.0
Expenditures (\$)	432	473	659	818	842	645	1,170	800	-31.7
U.S. Average									
Consumption (gallons)	644.9	612.5	610.2	574.9	580.9	604.7	589.4	619.5	5.1
Price (\$/gallon)	1.41	1.45	1.93	2.45	2.49	1.93	3.31	2.53	-23.5
Expenditures (\$)	912	886	1,176	1,409	1,445	1,166	1,953	1,570	-19.6
Households (thousands)	9,491	9,336	9,064	8,741	8,542	9,035	8,356	8,116	-2.9

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Propane									
Northeast									
Consumption (gallons)	915.8	871.2	870.0	808.3	816.7	856.4	823.8	870.3	5.6
Price (\$/gallon)	1.55	1.65	1.88	2.20	2.29	1.90	2.78	2.37	-14.7
Expenditures (\$)	1,416	1,435	1,633	1,775	1,872	1,626	2,287	2,062	-9.8
Midwest									
Consumption (gallons)	860.8	800.5	793.2	766.9	792.7	802.8	833.3	822.6	-1.3
Price (\$/gallon)	1.07	1.20	1.42	1.67	1.74	1.41	2.12	1.82	-14.1
Expenditures (\$)	922	960	1,130	1,278	1,382	1,135	1,770	1,501	-15.2
South									
Consumption (gallons)	577.0	532.5	515.1	514.2	519.7	531.7	508.3	551.6	8.5
Price (\$/gallon)	1.45	1.57	1.79	2.11	2.16	1.81	2.66	2.26	-15.0
Expenditures (\$)	838	838	921	1,087	1,123	961	1,350	1,246	-7.7
West									
Consumption (gallons)	559.7	567.5	581.6	581.7	588.5	575.8	615.2	585.1	-4.9
Price (\$/gallon)	1.38	1.53	1.78	2.09	2.17	1.80	2.64	2.27	-14.1
Expenditures (\$)	774	871	1,037	1,214	1,275	1,034	1,627	1,330	-18.3
U.S. Average									
Consumption (gallons)	713.3	672.5	668.3	655.4	669.0	675.7	685.3	700.3	2.2
Price (\$/gallon)	1.29	1.42	1.65	1.95	2.01	1.66	2.45	2.10	-14.3
Expenditures (\$)	918	953	1,103	1,277	1,347	1,120	1,681	1,472	-12.4
Households (thousands)	6,848	6,818	6,782	6,565	6,539	6,710	6,539	6,465	-1.1
Electricity									
Northeast									
Consumption (kwh***)	10,417	10,013	10,019	9,497	9,570	9,903	9,614	10,051	4.5
Price (\$/kwh)	0.109	0.114	0.117	0.133	0.139	0.122	0.144	0.153	5.7
Expenditures (\$)	1,136	1,140	1,173	1,260	1,329	1,208	1,389	1,535	10.5
Midwest									
Consumption (kwh)	11,469	10,922	10,857	10,635	10,883	10,953	11,272	11,173	-0.9
Price (\$/kwh)	0.074	0.075	0.077	0.081	0.085	0.078	0.089	0.094	5.1
Expenditures (\$)	846	823	834	857	926	857	1,005	1,047	4.1
South									
Consumption (kwh)	8,763	8,402	8,266	8,255	8,299	8,397	8,206	8,553	4.2
Price (\$/kwh)	0.074	0.078	0.082	0.092	0.096	0.084	0.098	0.105	7.0
Expenditures (\$)	646	652	674	762	797	706	808	901	11.5
West									
Consumption (kwh)	6,968	7,091	7,188	7,185	7,199	7,126	7,423	7,142	-3.8
Price (\$/kwh)	0.091	0.091	0.092	0.097	0.102	0.095	0.104	0.108	3.5
Expenditures (\$)	635	642	661	695	735	674	776	772	-0.5
U.S. Average									
Consumption (kwh)	8,592	8,307	8,246	8,156	8,215	8,303	8,262	8,411	1.8
Price (\$/kwh)	0.082	0.085	0.088	0.096	0.101	0.090	0.104	0.110	6.0
Expenditures (\$)	702	703	722	787	828	749	861	929	7.9
Households (thousands)	34,153	34,686	35,745	36,741	37,349	35,735	38,024	38,792	2.0
All households (thousands)	105,434	106,650	107,758	108,634	109,654	107,626	110,723	111,689	0.9
Average Expenditures (\$)	681	712	793	948	900	807	990	971	-2.0

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

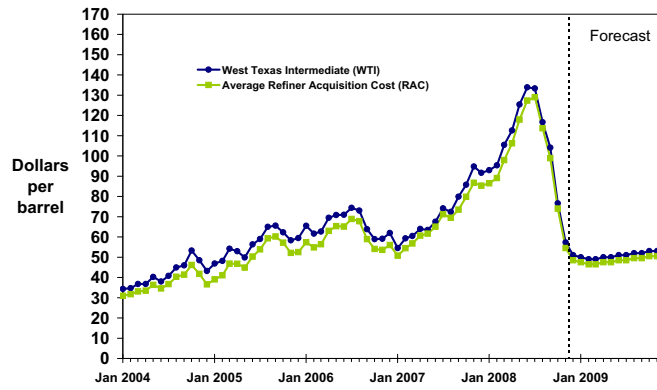
*** kilowatthour



Short-Term Energy Outlook

Chart Gallery for December 2008

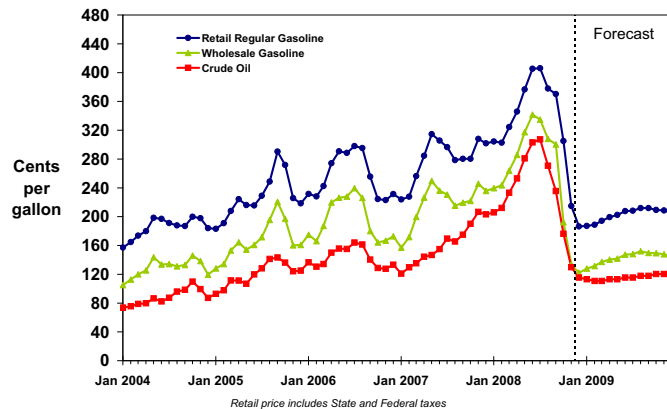
Crude Oil Prices



Short-Term Energy Outlook, December 2008



Gasoline and Crude Oil Prices

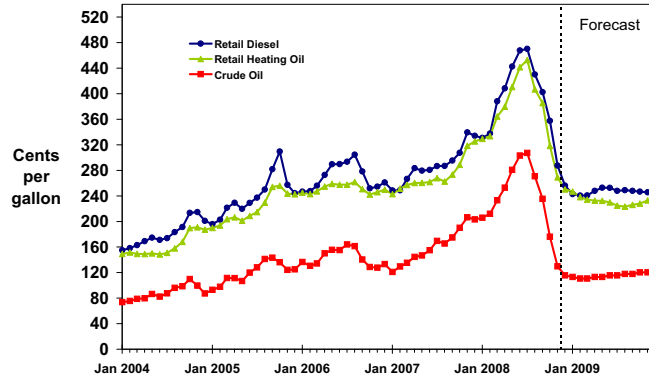


Retail price includes State and Federal taxes

Short-Term Energy Outlook, December 2008



U.S. Distillate Fuel Prices

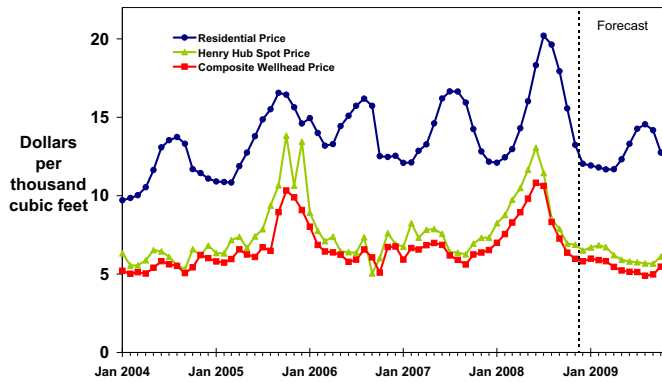


Retail prices include State and Federal taxes

Short-Term Energy Outlook, December 2008



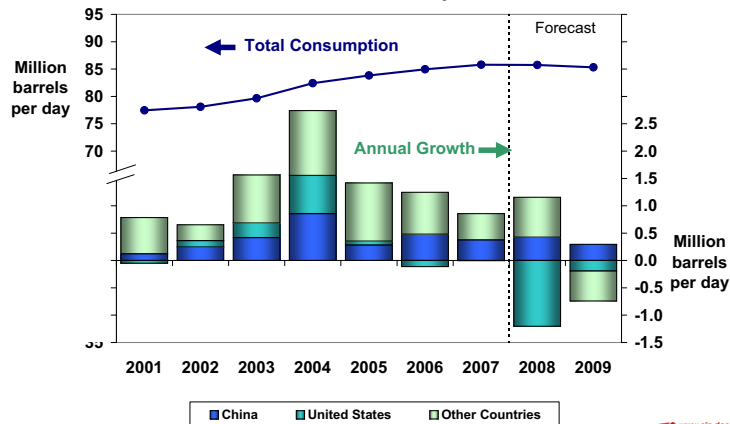
Natural Gas Prices



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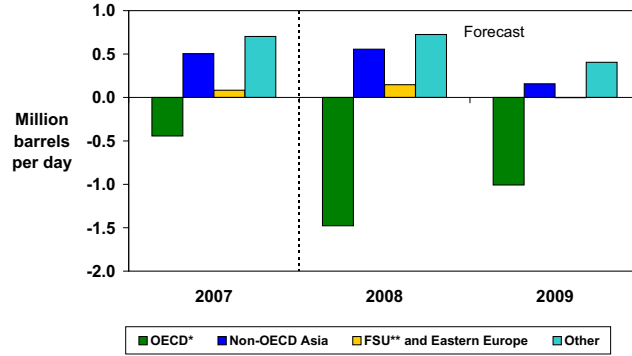
World Oil Consumption



Short-Term Energy Outlook, December 2008



World Oil Consumption Growth (Change from Previous Year)

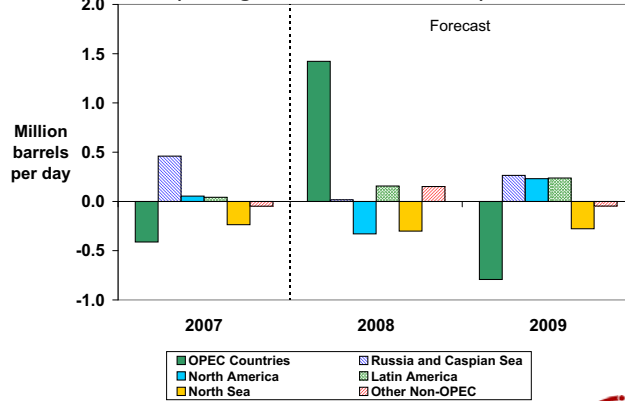


* Countries belonging to Organization for Economic Cooperation and Development
** Former Soviet Union

Short-Term Energy Outlook, December 2008



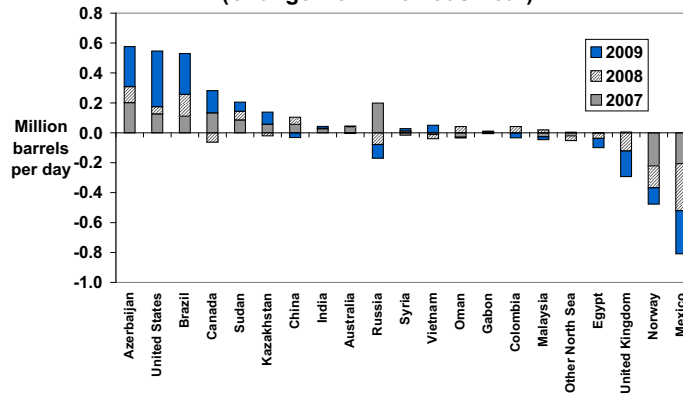
World Oil Production Growth (Change from Previous Year)



Short-Term Energy Outlook, December 2008



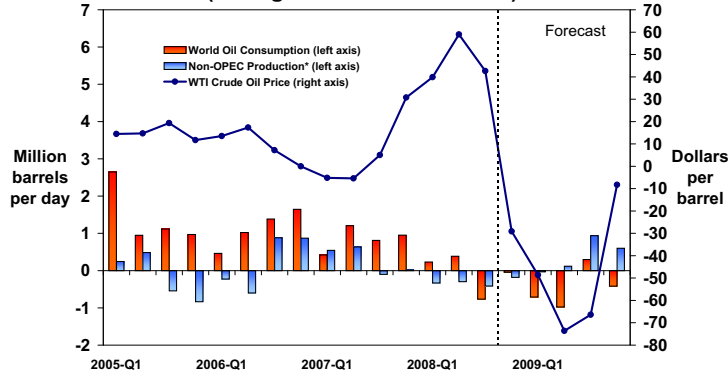
Non-OPEC Oil Production Growth (Change from Previous Year)



Short-Term Energy Outlook, December 2008



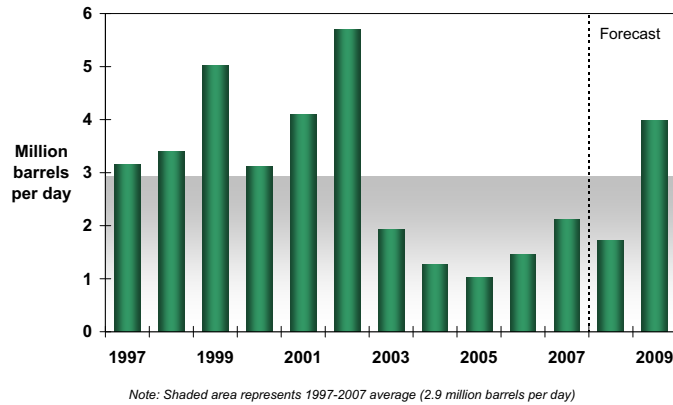
World Consumption and Non-OPEC Production (Change from Previous Year)



Short-Term Energy Outlook, December 2008



OPEC Surplus Crude Oil Production Capacity

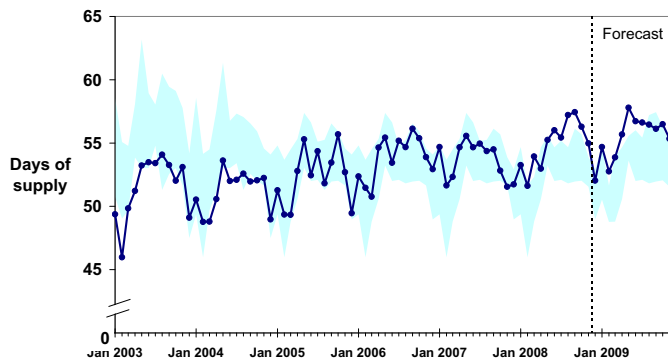


Note: Shaded area represents 1997-2007 average (2.9 million barrels per day)

Short-Term Energy Outlook, December 2008



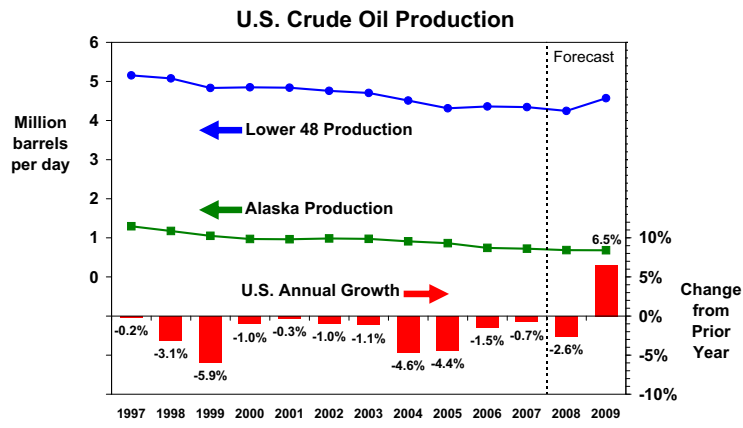
Days of Supply of OECD Commercial Oil Stocks



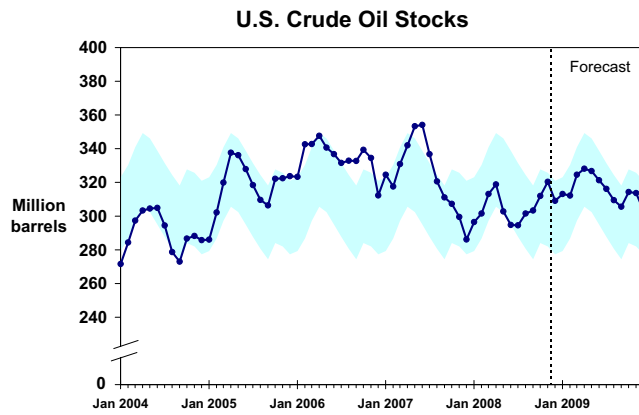
NOTE: Colored band represents the 5-year minimum/maximum range for each month.

Short-Term Energy Outlook, December 2008



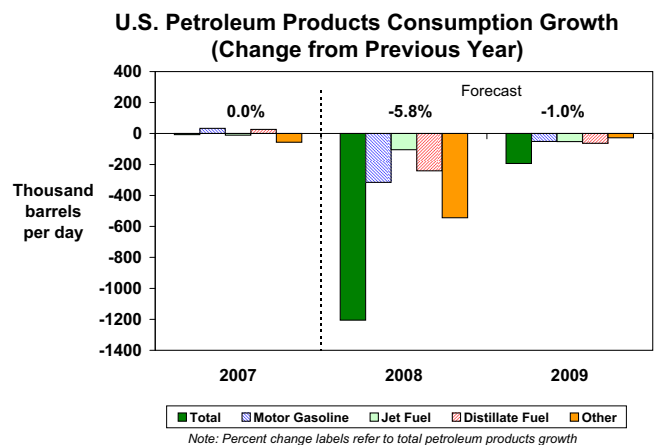


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NOTE: Colored band represents "normal" range published in EIA Weekly Petroleum Status Report, Appendix A.

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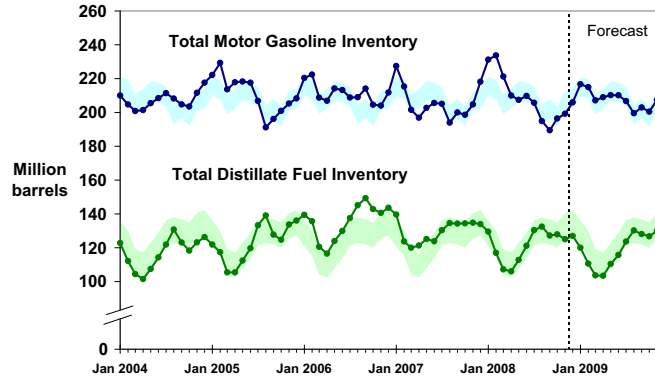


Note: Percent change labels refer to total petroleum products growth

Short-Term Energy Outlook, December 2008



U.S. Gasoline and Distillate Inventories

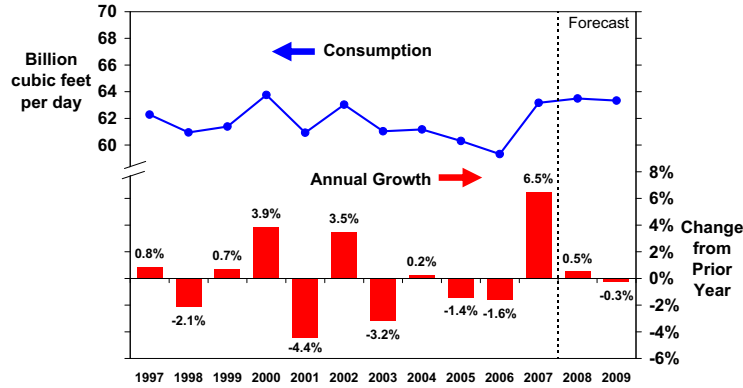


NOTE: Colored bands represent "normal" range published in EIA Weekly Petroleum Status Report, Appendix A.

Short-Term Energy Outlook, December 2008



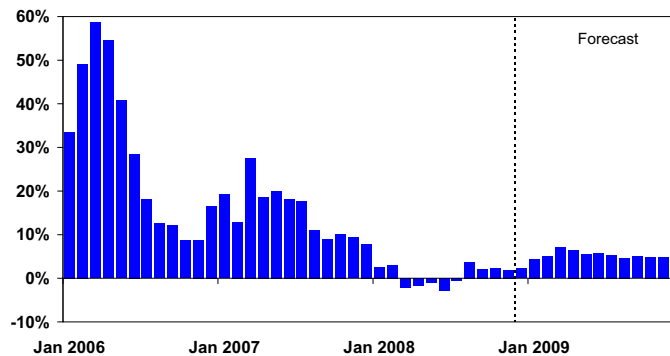
U.S. Total Natural Gas Consumption



Short-Term Energy Outlook, December 2008



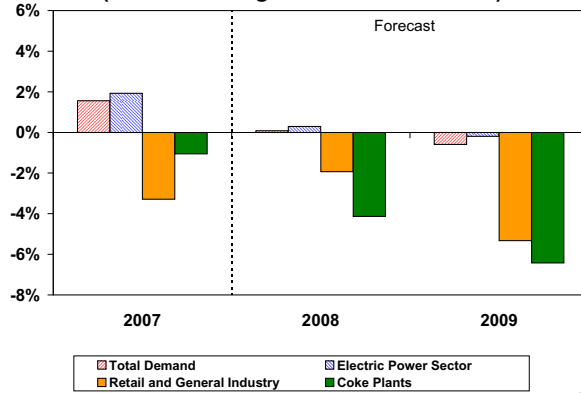
U.S. Working Natural Gas in Storage (Percent Difference from Previous 5-Year Average)



Short-Term Energy Outlook, December 2008



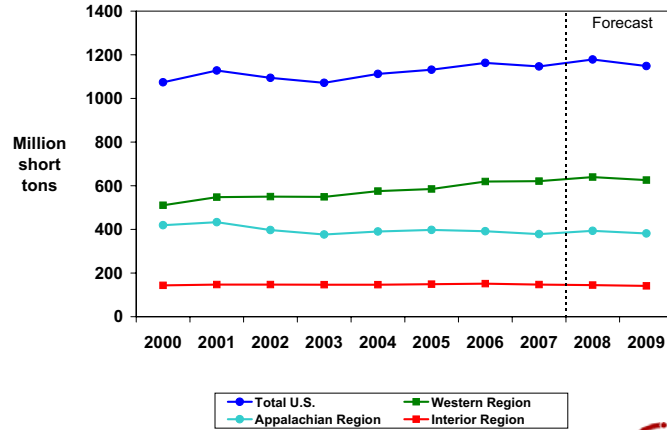
U.S. Coal Consumption Growth (Percent Change from Previous Year)



Short-Term Energy Outlook, December 2008



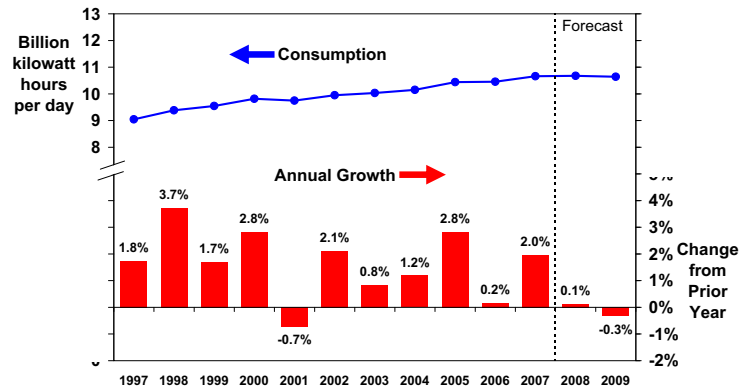
U.S. Annual Coal Production



Short-Term Energy Outlook, December 2008



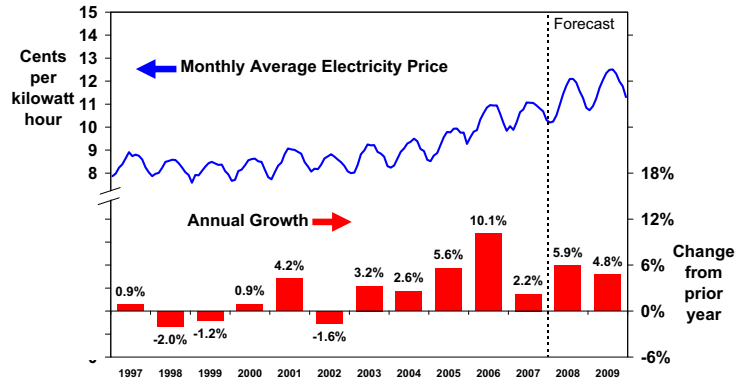
U.S. Total Electricity Consumption



Short-Term Energy Outlook, December 2008



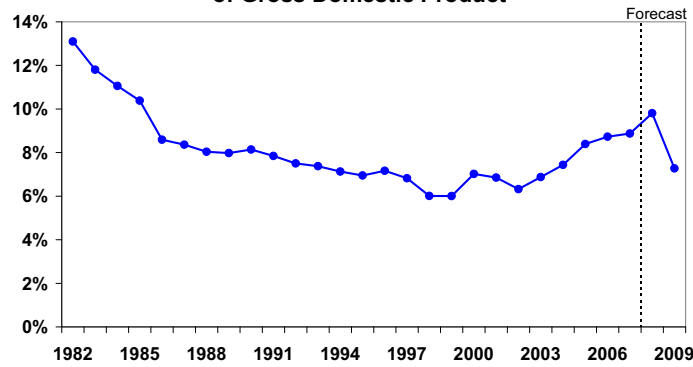
U.S. Residential Electricity Price



Short-Term Energy Outlook, December 2008



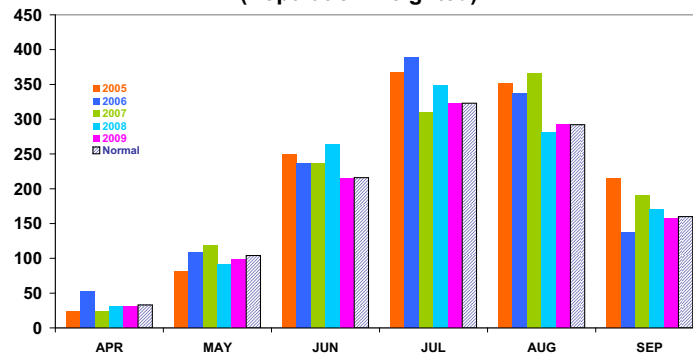
U.S. Annual Energy Expenditures As Percent of Gross Domestic Product



Short-Term Energy Outlook, December 2008



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

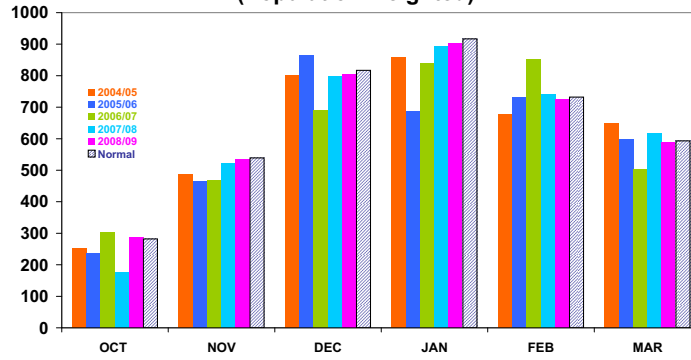


Source: National Oceanic and Atmospheric Administration, National Weather Service
http://www.cpc.ncep.noaa.gov/products/analysis_monitoring/cdus/degree_days/

Short-Term Energy Outlook, December 2008



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

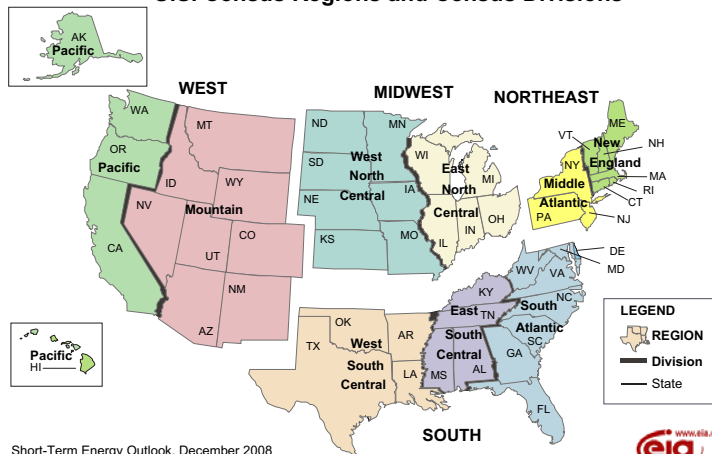


Source: National Oceanic and Atmospheric Administration, National Weather Service
http://www.cpc.ncep.noaa.gov/products/analysis_monitoring/cdus/degree_days/

Short-Term Energy Outlook, December 2008



U.S. Census Regions and Census Divisions



Short-Term Energy Outlook, December 2008



Table 1. U.S. Energy Markets Summary

Energy Information Administration/Short-Term Energy Outlook - December 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)	5.12	5.16	4.94	5.04	5.12	5.15	4.66	4.80	5.17	5.21	5.21	5.42	5.06	4.93	5.25
Dry Natural Gas Production (billion cubic feet per day)	51.47	52.28	53.06	54.41	55.83	56.36	55.54	55.47	57.20	56.93	55.83	55.68	52.82	55.80	56.41
Coal Production (million short tons)	286	286	286	289	289	284	297	308	280	277	287	304	1,147	1,178	1,148
Energy Consumption															
Petroleum (million barrels per day)	20.79	20.63	20.73	20.58	19.88	19.68	18.84	19.51	19.33	19.04	19.34	19.41	20.68	19.48	19.28
Natural Gas (billion cubic feet per day)	79.14	53.81	56.33	63.61	82.03	54.98	52.78	64.31	81.04	54.99	54.63	62.98	63.16	63.50	63.33
Coal (b) (million short tons)	279	267	306	281	285	268	299	282	278	263	304	282	1,132	1,133	1,127
Electricity (billion kilowatt hours per day)	10.45	10.12	11.92	10.14	10.60	10.25	11.70	10.15	10.45	10.11	11.88	10.12	10.66	10.68	10.64
Renewables (c) (quadrillion Btu)	1.74	1.76	1.66	1.67	1.74	1.92	1.73	1.68	1.83	1.95	1.85	1.76	6.84	7.08	7.39
Total Energy Consumption (d) (quadrillion Btu)	26.79	24.28	25.63	25.57	26.89	24.10	25.49	25.22	26.29	23.74	24.87	24.97	102.27	101.71	99.88
Nominal Energy Prices															
Crude Oil (e) (dollars per barrel)	53.95	62.44	71.34	83.96	91.15	117.30	114.88	59.01	46.85	47.83	49.16	50.84	68.09	95.70	48.68
Natural Gas Wellhead (dollars per thousand cubic feet)	6.37	6.89	5.90	6.39	7.62	9.86	8.81	6.04	5.90	5.27	5.00	5.84	6.39	8.09	5.50
Coal (dollars per million Btu)	1.76	1.78	1.78	1.79	1.91	2.04	2.14	2.02	1.96	1.98	1.97	1.94	1.78	2.03	1.96
Macroeconomic															
Real Gross Domestic Product (billion chained 2000 dollars - SAAR)	11,358	11,491	11,626	11,621	11,646	11,727	11,720	11,614	11,535	11,509	11,508	11,533	11,524	11,677	11,521
Percent change from prior year	1.3	1.8	2.8	2.3	2.5	2.1	0.8	-0.1	-1.0	-1.9	-1.8	-0.7	2.0	1.3	-1.3
GDP Implicit Price Deflator (Index, 2000=100)	118.9	119.5	120.0	120.8	121.6	122.0	123.2	123.9	124.7	124.5	124.8	125.4	119.8	122.7	124.8
Percent change from prior year	2.9	2.8	2.5	2.6	2.3	2.0	2.7	2.6	2.5	2.1	1.3	1.2	2.7	2.4	1.8
Real Disposable Personal Income (billion chained 2000 dollars - SAAR)	8,618	8,605	8,671	8,683	8,668	8,915	8,715	8,800	9,092	8,948	8,963	8,960	8,644	8,774	8,991
Percent change from prior year	3.4	2.9	3.1	1.8	0.6	3.6	0.5	1.3	4.9	0.4	2.8	1.8	2.8	1.5	2.5
Manufacturing Production Index (Index, 2002=100)	112.6	113.9	115.1	115.0	114.8	113.8	112.1	110.0	107.8	106.5	106.0	105.9	114.2	112.6	106.5
Percent change from prior year	0.9	1.7	2.2	2.5	2.0	-0.1	-2.6	-4.4	-6.1	-6.4	-5.4	-3.8	1.8	-1.3	-5.4
Weather															
U.S. Heating Degree-Days	2,196	508	57	1,495	2,251	528	77	1,624	2,217	539	100	1,624	4,256	4,480	4,480
U.S. Cooling Degree-Days	43	378	867	110	35	385	799	71	35	344	773	77	1,399	1,290	1,229

- = 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 - December 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	<i>61.64</i>	<i>49.33</i>	<i>50.33</i>	<i>51.67</i>	<i>53.33</i>	72.32	<i>100.40</i>	<i>51.17</i>
Imported Average	53.13	62.30	70.38	82.44	89.73	116.03	112.78	<i>57.91</i>	<i>45.35</i>	<i>46.33</i>	<i>47.66</i>	<i>49.33</i>	67.13	<i>94.02</i>	<i>47.15</i>
Refiner Average Acquisition Cost	53.95	62.44	71.34	83.96	91.15	117.30	114.88	<i>59.01</i>	<i>46.85</i>	<i>47.83</i>	<i>49.16</i>	<i>50.84</i>	68.09	<i>95.70</i>	<i>48.68</i>
Petroleum Products (cents per gallon)															
Refiner Prices for Resale															
Gasoline	176	238	222	234	249	315	315	<i>150</i>	<i>132</i>	<i>143</i>	<i>150</i>	<i>147</i>	218	<i>257</i>	<i>143</i>
Diesel Fuel	184	212	224	257	284	365	346	<i>195</i>	<i>168</i>	<i>183</i>	<i>180</i>	<i>176</i>	220	<i>300</i>	<i>177</i>
Heating Oil	171	196	208	250	269	347	336	<i>185</i>	<i>161</i>	<i>169</i>	<i>166</i>	<i>168</i>	207	<i>274</i>	<i>165</i>
Refiner Prices to End Users															
Jet Fuel	181	209	220	258	284	364	357	<i>200</i>	<i>172</i>	<i>181</i>	<i>179</i>	<i>177</i>	217	<i>304</i>	<i>177</i>
No. 6 Residual Fuel Oil (a)	111	129	144	174	187	218	262	<i>133</i>	<i>109</i>	<i>107</i>	<i>108</i>	<i>116</i>	139	<i>200</i>	<i>110</i>
Propane to Petrochemical Sector	95	111	119	145	145	166	172	<i>87</i>	<i>72</i>	<i>70</i>	<i>69</i>	<i>77</i>	117	<i>139</i>	<i>73</i>
Retail Prices Including Taxes															
Gasoline Regular Grade (b)	236	302	285	297	311	376	385	<i>236</i>	<i>190</i>	<i>203</i>	<i>211</i>	<i>208</i>	281	<i>327</i>	<i>203</i>
Gasoline All Grades (b)	241	306	290	302	316	381	391	<i>242</i>	<i>195</i>	<i>208</i>	<i>216</i>	<i>213</i>	285	<i>332</i>	<i>208</i>
On-highway Diesel Fuel	255	281	290	327	353	439	434	<i>301</i>	<i>241</i>	<i>251</i>	<i>248</i>	<i>246</i>	288	<i>380</i>	<i>247</i>
Heating Oil	250	261	268	316	340	401	409	<i>272</i>	<i>240</i>	<i>232</i>	<i>225</i>	<i>234</i>	272	<i>330</i>	<i>235</i>
Propane	203	211	205	238	250	265	271	<i>226</i>	<i>199</i>	<i>176</i>	<i>160</i>	<i>175</i>	215	<i>246</i>	<i>183</i>
Natural Gas (dollars per thousand cubic feet)															
Average Wellhead	6.37	6.89	5.90	6.39	7.62	9.86	8.81	<i>6.04</i>	<i>5.90</i>	<i>5.27</i>	<i>5.00</i>	<i>5.84</i>	6.39	<i>8.09</i>	<i>5.50</i>
Henry Hub Spot	7.41	7.76	6.35	7.19	8.92	11.73	9.29	<i>6.77</i>	<i>6.75</i>	<i>5.97</i>	<i>5.70</i>	<i>6.60</i>	7.17	<i>9.17</i>	<i>6.25</i>
End-Use Prices															
Industrial Sector	7.97	8.08	6.75	7.51	8.90	11.10	10.76	<i>7.90</i>	<i>7.55</i>	<i>6.53</i>	<i>6.11</i>	<i>7.08</i>	7.59	<i>9.55</i>	<i>6.85</i>
Commercial Sector	11.37	11.59	11.23	10.99	11.37	13.13	14.18	<i>11.48</i>	<i>10.85</i>	<i>9.94</i>	<i>9.75</i>	<i>10.36</i>	11.31	<i>11.98</i>	<i>10.43</i>
Residential Sector	12.31	14.18	16.41	12.65	12.46	15.57	19.26	<i>12.97</i>	<i>11.81</i>	<i>12.18</i>	<i>14.32</i>	<i>11.96</i>	13.00	<i>13.58</i>	<i>12.09</i>
Electricity															
Power Generation Fuel Costs (dollars per million Btu)															
Coal	1.76	1.78	1.78	1.79	1.91	2.04	2.14	<i>2.02</i>	<i>1.96</i>	<i>1.98</i>	<i>1.97</i>	<i>1.94</i>	1.78	<i>2.03</i>	<i>1.96</i>
Natural Gas	7.35	7.62	6.55	7.18	8.67	11.12	9.88	<i>6.97</i>	<i>6.73</i>	<i>5.97</i>	<i>5.68</i>	<i>6.42</i>	7.09	<i>9.27</i>	<i>6.12</i>
Residual Fuel Oil (c)	7.18	8.36	8.53	10.71	13.34	15.07	17.74	<i>9.33</i>	<i>7.08</i>	<i>6.96</i>	<i>6.96</i>	<i>7.41</i>	8.40	<i>13.74</i>	<i>7.08</i>
Distillate Fuel Oil	12.44	14.48	14.75	18.96	18.89	24.18	24.56	<i>14.31</i>	<i>11.47</i>	<i>11.94</i>	<i>11.71</i>	<i>11.88</i>	15.17	<i>20.48</i>	<i>11.75</i>
End-Use Prices (cents per kilowatthour)															
Industrial Sector	6.1	6.3	6.7	6.3	6.4	7.0	7.6	<i>6.8</i>	<i>6.8</i>	<i>7.1</i>	<i>7.6</i>	<i>7.1</i>	6.4	<i>6.9</i>	<i>7.2</i>
Commercial Sector	9.3	9.7	10.0	9.6	9.6	10.3	11.0	<i>10.3</i>	<i>10.3</i>	<i>10.8</i>	<i>11.3</i>	<i>10.7</i>	9.7	<i>10.3</i>	<i>10.8</i>
Residential Sector	10.0	10.9	11.0	10.6	10.3	11.4	12.0	<i>11.2</i>	<i>10.9</i>	<i>12.1</i>	<i>12.4</i>	<i>11.7</i>	10.6	<i>11.3</i>	<i>11.8</i>

- = 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 - December 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	21.27	21.15	20.37	20.72	20.84	20.73	20.56	20.96	21.46	20.87	20.77
U.S. (50 States)	8.38	8.50	8.36	8.58	8.62	8.77	8.18	8.45	8.77	8.84	8.83	9.07	8.46	8.50	8.88
Canada	3.45	3.37	3.48	3.39	3.35	3.26	3.41	3.41	3.45	3.48	3.52	3.57	3.42	3.36	3.51
Mexico	3.59	3.61	3.46	3.35	3.30	3.20	3.14	3.11	2.92	2.94	2.89	2.84	3.50	3.19	2.90
North Sea (c)	4.81	4.50	4.29	4.58	4.47	4.33	4.02	4.15	4.15	3.95	3.79	3.97	4.54	4.24	3.97
Other OECD	1.49	1.54	1.55	1.56	1.53	1.58	1.62	1.59	1.55	1.52	1.53	1.50	1.53	1.58	1.52
Non-OECD	62.21	62.66	63.08	63.82	64.03	64.52	65.32	64.72	63.36	64.05	64.94	65.09	62.95	64.65	64.37
OPEC (d)	34.98	35.07	35.44	36.18	36.69	36.86	37.31	36.52	35.62	35.86	36.18	36.53	35.42	36.84	36.05
Crude Oil Portion	30.44	30.58	30.93	31.65	32.09	32.26	32.60	31.75	30.64	30.58	30.60	30.63	30.90	32.18	30.61
Other Liquids	4.55	4.49	4.51	4.53	4.59	4.60	4.71	4.77	4.98	5.28	5.58	5.90	4.52	4.67	5.44
Former Soviet Union (e)	12.61	12.60	12.55	12.66	12.60	12.60	12.43	12.79	12.78	12.81	12.88	12.95	12.60	12.60	12.86
China	3.92	3.96	3.87	3.86	3.93	3.99	3.96	3.92	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	11.62	11.49	11.07	11.46	11.96	11.68	11.02	11.25	11.54
Total World Production	83.93	84.17	84.23	85.28	85.30	85.66	85.69	85.43	84.20	84.78	85.50	86.05	84.40	85.52	85.14
Non-OPEC Production	48.95	49.10	48.79	49.10	48.62	48.80	48.38	48.92	48.59	48.92	49.32	49.52	48.98	48.68	49.09
Consumption (million barrels per day) (f)															
OECD (b)	49.74	48.20	48.82	49.78	48.67	47.08	46.53	48.33	47.48	45.43	46.28	47.40	49.13	47.66	46.65
U.S. (50 States)	20.79	20.63	20.73	20.58	19.88	19.68	18.84	19.51	19.33	19.04	19.34	19.41	20.68	19.48	19.28
U.S. Territories	0.30	0.32	0.33	0.32	0.27	0.28	0.31	0.30	0.30	0.29	0.28	0.29	0.32	0.29	0.29
Canada	2.38	2.29	2.40	2.39	2.37	2.25	2.37	2.40	2.31	2.21	2.29	2.33	2.36	2.35	2.28
Europe	15.23	14.95	15.41	15.62	15.20	14.88	15.27	15.30	14.74	14.35	14.74	14.96	15.30	15.16	14.70
Japan	5.43	4.64	4.70	5.25	5.41	4.59	4.43	5.19	5.34	4.35	4.49	4.92	5.01	4.91	4.77
Other OECD	5.60	5.37	5.24	5.62	5.55	5.39	5.32	5.64	5.47	5.18	5.14	5.49	5.46	5.48	5.32
Non-OECD	36.11	36.68	36.72	37.16	37.40	38.18	38.24	38.56	37.88	38.86	38.79	39.08	36.67	38.10	38.66
Former Soviet Union	4.25	4.32	4.22	4.32	4.34	4.49	4.38	4.43	4.31	4.49	4.42	4.37	4.28	4.41	4.40
Europe	0.85	0.78	0.73	0.79	0.86	0.80	0.75	0.81	0.87	0.81	0.75	0.81	0.79	0.80	0.81
China	7.33	7.52	7.59	7.87	7.72	7.94	8.07	8.29	8.03	8.27	8.29	8.60	7.58	8.00	8.30
Other Asia	8.74	8.83	8.64	8.93	8.91	8.97	8.74	9.04	8.78	8.87	8.59	8.87	8.78	8.92	8.78
Other Non-OECD	14.94	15.22	15.54	15.26	15.57	15.98	16.31	16.00	15.90	16.42	16.74	16.42	15.24	15.97	16.37
Total World Consumption	85.84	84.88	85.54	86.94	86.07	85.27	84.77	86.90	85.37	84.29	85.07	86.48	85.80	85.75	85.30
Inventory Net Withdrawals (million barrels per day)															
U.S. (50 States)	0.47	-0.57	0.14	0.56	0.14	-0.36	-0.22	0.11	0.12	-0.56	-0.08	0.30	0.15	-0.08	-0.06
Other OECD (b)	0.22	-0.13	-0.13	0.28	-0.11	-0.02	-0.30	0.59	0.44	0.03	-0.14	0.06	0.06	0.04	0.10
Other Stock Draws and Balance	1.22	1.41	1.30	0.83	0.75	-0.03	-0.40	0.77	0.60	0.04	-0.21	0.08	1.19	0.27	0.13
Total Stock Draw	1.91	0.71	1.31	1.67	0.77	-0.40	-0.91	1.47	1.16	-0.49	-0.43	0.43	1.40	0.23	0.17
End-of-period Inventories (million barrels)															
U.S. Commercial Inventory	989	1,039	1,024	968	953	980	1,003	994	978	1,026	1,033	1,006	968	994	1,006
OECD Commercial Inventory (b)	2,594	2,659	2,653	2,569	2,563	2,599	2,651	2,588	2,532	2,578	2,598	2,565	2,569	2,588	2,565

- = 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 - December 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	15.28	15.23	14.73	<i>14.97</i>	<i>15.15</i>	<i>15.26</i>	<i>15.24</i>	<i>15.48</i>	15.38	<i>15.05</i>	<i>15.28</i>
Canada	3.45	3.37	3.48	3.39	3.35	3.26	3.41	<i>3.41</i>	<i>3.45</i>	<i>3.48</i>	<i>3.52</i>	<i>3.57</i>	3.42	<i>3.36</i>	<i>3.51</i>
Mexico	3.59	3.61	3.46	3.35	3.30	3.20	3.14	<i>3.11</i>	<i>2.92</i>	<i>2.94</i>	<i>2.89</i>	<i>2.84</i>	3.50	<i>3.19</i>	<i>2.90</i>
United States	8.38	8.50	8.36	8.58	8.62	8.77	8.18	<i>8.45</i>	<i>8.77</i>	<i>8.84</i>	<i>8.83</i>	<i>9.07</i>	8.46	<i>8.50</i>	<i>8.88</i>
Central and South America	3.74	4.12	4.26	4.14	3.78	4.10	4.59	<i>4.47</i>	<i>4.00</i>	<i>4.41</i>	<i>4.92</i>	<i>4.63</i>	4.07	<i>4.24</i>	<i>4.49</i>
Argentina	0.80	0.80	0.79	0.78	0.78	0.73	0.79	<i>0.78</i>	<i>0.78</i>	<i>0.78</i>	<i>0.78</i>	<i>0.77</i>	0.79	<i>0.77</i>	<i>0.78</i>
Brazil	1.97	2.32	2.48	2.34	1.98	2.34	2.74	<i>2.63</i>	<i>2.20</i>	<i>2.61</i>	<i>3.13</i>	<i>2.84</i>	2.28	<i>2.42</i>	<i>2.70</i>
Colombia	0.53	0.53	0.54	0.57	0.57	0.59	0.59	<i>0.59</i>	<i>0.56</i>	<i>0.55</i>	<i>0.55</i>	<i>0.55</i>	0.54	<i>0.59</i>	<i>0.55</i>
Other Central and S. America	0.45	0.46	0.45	0.45	0.45	0.45	0.47	<i>0.47</i>	<i>0.47</i>	<i>0.47</i>	<i>0.47</i>	<i>0.46</i>	0.45	<i>0.46</i>	<i>0.47</i>
Europe	5.47	5.17	4.96	5.24	5.14	5.00	4.70	<i>4.81</i>	<i>4.79</i>	<i>4.58</i>	<i>4.42</i>	<i>4.60</i>	5.21	<i>4.91</i>	<i>4.60</i>
Norway	2.73	2.47	2.48	2.58	2.51	2.42	2.39	<i>2.37</i>	<i>2.38</i>	<i>2.27</i>	<i>2.25</i>	<i>2.34</i>	2.57	<i>2.42</i>	<i>2.31</i>
United Kingdom (offshore)	1.70	1.66	1.44	1.63	1.61	1.58	1.31	<i>1.44</i>	<i>1.42</i>	<i>1.33</i>	<i>1.21</i>	<i>1.30</i>	1.61	<i>1.49</i>	<i>1.31</i>
Other North Sea	0.38	0.37	0.37	0.37	0.35	0.33	0.33	<i>0.35</i>	<i>0.35</i>	<i>0.35</i>	<i>0.34</i>	<i>0.33</i>	0.37	<i>0.34</i>	<i>0.34</i>
FSU and Eastern Europe	12.83	12.81	12.77	12.88	12.83	12.83	12.66	<i>13.01</i>	<i>13.00</i>	<i>13.03</i>	<i>13.10</i>	<i>13.17</i>	12.82	<i>12.83</i>	<i>13.07</i>
Azerbaijan	0.84	0.88	0.80	0.88	0.91	0.98	0.85	<i>1.09</i>	<i>1.15</i>	<i>1.20</i>	<i>1.25</i>	<i>1.30</i>	0.85	<i>0.96</i>	<i>1.22</i>
Kazakhstan	1.44	1.45	1.43	1.46	1.48	1.45	1.33	<i>1.45</i>	<i>1.46</i>	<i>1.49</i>	<i>1.52</i>	<i>1.55</i>	1.44	<i>1.42</i>	<i>1.51</i>
Russia	9.89	9.84	9.90	9.88	9.79	9.75	9.82	<i>9.83</i>	<i>9.75</i>	<i>9.70</i>	<i>9.69</i>	<i>9.69</i>	9.88	<i>9.80</i>	<i>9.70</i>
Turkmenistan	0.19	0.17	0.18	0.18	0.19	0.19	0.19	<i>0.19</i>	<i>0.19</i>	<i>0.20</i>	<i>0.20</i>	<i>0.20</i>	0.18	<i>0.19</i>	<i>0.20</i>
Other FSU/Eastern Europe	0.66	0.65	0.65	0.66	0.66	0.66	0.65	<i>0.65</i>	<i>0.65</i>	<i>0.64</i>	<i>0.64</i>	<i>0.64</i>	0.65	<i>0.66</i>	<i>0.64</i>
Middle East	1.54	1.51	1.51	1.53	1.56	1.55	1.56	<i>1.56</i>	<i>1.56</i>	<i>1.55</i>	<i>1.54</i>	<i>1.55</i>	1.52	<i>1.56</i>	<i>1.55</i>
Oman	0.72	0.71	0.70	0.72	0.75	0.75	0.77	<i>0.76</i>	<i>0.76</i>	<i>0.75</i>	<i>0.75</i>	<i>0.75</i>	0.71	<i>0.76</i>	<i>0.75</i>
Syria	0.43	0.43	0.43	0.43	0.45	0.45	0.45	<i>0.44</i>	<i>0.46</i>	<i>0.46</i>	<i>0.46</i>	<i>0.46</i>	0.43	<i>0.45</i>	<i>0.46</i>
Yemen	0.33	0.32	0.31	0.32	0.32	0.30	0.29	<i>0.30</i>	<i>0.29</i>	<i>0.28</i>	<i>0.28</i>	<i>0.29</i>	0.32	<i>0.30</i>	<i>0.29</i>
Asia and Oceania	7.43	7.45	7.38	7.40	7.45	7.50	7.52	<i>7.47</i>	<i>7.47</i>	<i>7.48</i>	<i>7.47</i>	<i>7.45</i>	7.42	<i>7.49</i>	<i>7.47</i>
Australia	0.57	0.61	0.60	0.58	0.53	0.60	0.64	<i>0.63</i>	<i>0.61</i>	<i>0.60</i>	<i>0.60</i>	<i>0.57</i>	0.59	<i>0.60</i>	<i>0.59</i>
China	3.92	3.96	3.87	3.86	3.93	3.99	3.96	<i>3.92</i>	<i>3.90</i>	<i>3.92</i>	<i>3.92</i>	<i>3.93</i>	3.90	<i>3.95</i>	<i>3.92</i>
India	0.89	0.87	0.88	0.88	0.89	0.88	0.87	<i>0.89</i>	<i>0.90</i>	<i>0.90</i>	<i>0.89</i>	<i>0.89</i>	0.88	<i>0.88</i>	<i>0.90</i>
Malaysia	0.71	0.70	0.70	0.70	0.74	0.71	0.73	<i>0.71</i>	<i>0.71</i>	<i>0.70</i>	<i>0.71</i>	<i>0.69</i>	0.70	<i>0.72</i>	<i>0.70</i>
Vietnam	0.36	0.34	0.34	0.36	0.34	0.31	0.31	<i>0.33</i>	<i>0.36</i>	<i>0.37</i>	<i>0.37</i>	<i>0.39</i>	0.35	<i>0.32</i>	<i>0.37</i>
Africa	2.52	2.57	2.61	2.59	2.58	2.58	2.63	<i>2.62</i>	<i>2.62</i>	<i>2.63</i>	<i>2.63</i>	<i>2.63</i>	2.57	<i>2.60</i>	<i>2.63</i>
Egypt	0.64	0.67	0.71	0.64	0.63	0.62	0.65	<i>0.62</i>	<i>0.58</i>	<i>0.57</i>	<i>0.56</i>	<i>0.55</i>	0.66	<i>0.63</i>	<i>0.57</i>
Equatorial Guinea	0.36	0.37	0.37	0.37	0.36	0.36	0.36	<i>0.35</i>	<i>0.35</i>	<i>0.35</i>	<i>0.35</i>	<i>0.35</i>	0.37	<i>0.36</i>	<i>0.35</i>
Gabon	0.24	0.24	0.24	0.25	0.24	0.25	0.25	<i>0.25</i>	<i>0.25</i>	<i>0.24</i>	<i>0.24</i>	<i>0.24</i>	0.24	<i>0.25</i>	<i>0.24</i>
Sudan	0.40	0.45	0.49	0.52	0.52	0.52	0.52	<i>0.53</i>	<i>0.55</i>	<i>0.58</i>	<i>0.60</i>	<i>0.60</i>	0.47	<i>0.52</i>	<i>0.59</i>
Total non-OPEC liquids	48.95	49.10	48.79	49.10	48.62	48.80	48.38	<i>48.92</i>	<i>48.59</i>	<i>48.92</i>	<i>49.32</i>	<i>49.52</i>	48.98	<i>48.68</i>	<i>49.09</i>
OPEC non-crude liquids	4.55	4.49	4.51	4.53	4.59	4.60	4.71	<i>4.77</i>	<i>4.98</i>	<i>5.28</i>	<i>5.58</i>	<i>5.90</i>	4.52	<i>4.67</i>	<i>5.44</i>
Non-OPEC + OPEC non-crude	53.50	53.59	53.30	53.63	53.21	53.40	53.09	<i>53.69</i>	<i>53.57</i>	<i>54.20</i>	<i>54.90</i>	<i>55.42</i>	53.50	<i>53.35</i>	<i>54.53</i>

- = 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 - December 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	1.42	1.42	-	-	-	-	-	1.37	-	-
Angola	1.57	1.64	1.67	1.85	1.91	1.92	1.85	-	-	-	-	-	1.68	-	-
Ecuador	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	2.42	-	-	-	-	-	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	1.71	1.71	-	-	-	-	-	1.70	-	-
Nigeria	2.11	2.06	2.15	2.16	1.99	1.90	1.95	-	-	-	-	-	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	2.37	2.34	-	-	-	-	-	2.39	-	-
OPEC Total	30.44	30.58	30.93	31.65	32.09	32.26	32.60	31.75	30.64	30.58	30.60	30.63	30.90	32.18	30.61
Other Liquids	4.55	4.49	4.51	4.53	4.59	4.60	4.71	4.77	4.98	5.28	5.58	5.90	4.52	4.67	5.44
Total OPEC Supply	34.98	35.07	35.44	36.18	36.69	36.86	37.31	36.52	35.62	35.86	36.18	36.53	35.42	36.84	36.05
Crude Oil Production Capacity															
Algeria	1.39	1.39	1.39	1.40	1.41	1.42	1.42	-	-	-	-	-	1.39	-	-
Angola	1.57	1.64	1.69	1.85	1.91	1.92	1.85	-	-	-	-	-	1.69	-	-
Ecuador	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	2.42	-	-	-	-	-	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	1.79	1.75	1.70	-	-	-	-	-	1.71	-	-
Nigeria	2.11	2.06	2.15	2.16	1.99	1.90	1.95	-	-	-	-	-	2.12	-	-
Qatar	0.82	0.82	0.83	0.85	0.88	0.93	0.98	-	-	-	-	-	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	2.37	2.34	-	-	-	-	-	2.42	-	-
OPEC Total	32.78	32.92	33.03	33.31	33.64	33.87	33.94	34.12	34.55	34.55	34.65	34.65	33.01	33.89	34.60
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	0.01	0.00	0.00	0.00	0.00	-	-	-	-	-	0.00	-	-
Ecuador	0.00	0.00	0.00	0.00	0.00	0.00	0.01	-	-	-	-	-	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	0.05	0.05	-0.01	-	-	-	-	-	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	0.01	0.03	0.06	0.11	-	-	-	-	-	0.02	-	-
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	2.10	1.66	1.55	1.61	1.34	2.37	3.92	3.97	4.05	4.02	2.11	1.72	3.99

- = 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 - December 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)	5.12	5.16	4.94	5.04	5.12	5.15	4.66	4.80	5.17	5.21	5.21	5.42	5.06	4.93	5.25
Alaska	0.76	0.74	0.66	0.73	0.71	0.68	0.62	0.73	0.72	0.65	0.63	0.73	0.72	0.69	0.68
Federal Gulf of Mexico (b)	1.31	1.34	1.22	1.24	1.33	1.35	0.93	1.01	1.33	1.45	1.45	1.54	1.28	1.15	1.44
Lower 48 States (excl GOM)	3.05	3.08	3.06	3.07	3.07	3.11	3.11	3.07	3.12	3.12	3.12	3.16	3.07	3.09	3.13
Crude Oil Net Imports (c)	9.87	10.13	10.15	9.86	9.72	9.84	9.57	9.79	9.11	9.45	9.21	8.82	10.00	9.73	9.14
SPR Net Withdrawals	0.00	-0.02	-0.03	-0.04	-0.04	-0.06	0.04	0.01	-0.05	-0.03	0.00	0.00	-0.02	-0.01	-0.02
Commercial Inventory Net Withdrawals	-0.21	-0.25	0.47	0.27	-0.30	0.20	-0.09	-0.06	-0.17	0.04	0.17	0.02	0.07	-0.06	0.02
Crude Oil Adjustment (d)	-0.02	0.20	0.00	-0.03	0.09	0.04	0.15	-0.03	0.05	0.07	0.01	-0.03	0.04	0.06	0.03
Total Crude Oil Input to Refineries	14.77	15.23	15.53	15.09	14.59	15.16	14.33	14.56	14.10	14.73	14.60	14.24	15.16	14.66	14.42
Other Supply															
Refinery Processing Gain	0.98	0.96	1.01	1.03	0.98	0.99	0.95	1.00	0.97	0.97	0.98	1.01	1.00	0.98	0.98
Natural Gas Liquids Production	1.72	1.78	1.78	1.85	1.82	1.87	1.75	1.82	1.80	1.82	1.79	1.78	1.78	1.81	1.80
Other HC/Oxygenates Adjustment (e)	0.56	0.60	0.63	0.66	0.70	0.77	0.82	0.83	0.83	0.84	0.85	0.85	0.61	0.78	0.84
Fuel Ethanol Production	0.38	0.40	0.44	0.48	0.53	0.58	0.63	0.65	0.66	0.67	0.67	0.68	0.43	0.60	0.67
Product Net Imports (c)	2.09	2.36	2.08	1.61	1.33	1.41	1.15	1.14	1.28	1.25	1.37	1.25	2.03	1.26	1.29
Pentanes Plus	0.02	0.02	0.03	0.00	-0.01	-0.01	-0.02	0.00	-0.01	-0.02	0.00	0.00	0.02	-0.01	-0.01
Liquefied Petroleum Gas	0.20	0.18	0.19	0.19	0.16	0.13	0.22	0.23	0.15	0.15	0.15	0.18	0.19	0.19	0.16
Unfinished Oils	0.74	0.79	0.68	0.66	0.75	0.76	0.74	0.75	0.74	0.74	0.83	0.74	0.72	0.75	0.76
Other HC/Oxygenates	-0.04	-0.05	-0.03	-0.05	-0.04	-0.02	0.00	-0.03	-0.02	-0.04	-0.03	-0.04	-0.04	-0.02	-0.03
Motor Gasoline Blend Comp.	0.66	0.84	0.75	0.70	0.59	0.84	0.80	0.72	0.65	0.83	0.76	0.64	0.74	0.74	0.72
Finished Motor Gasoline	0.22	0.41	0.35	0.17	0.21	0.21	0.10	0.07	0.18	0.26	0.21	0.05	0.29	0.15	0.17
Jet Fuel	0.18	0.23	0.19	0.11	0.06	0.07	0.02	0.03	0.01	0.00	0.05	0.03	0.18	0.04	0.02
Distillate Fuel Oil	0.15	0.07	0.04	-0.11	-0.10	-0.36	-0.47	-0.38	-0.28	-0.37	-0.26	-0.20	0.04	-0.33	-0.27
Residual Fuel Oil	0.12	0.02	0.01	0.02	-0.03	-0.01	0.00	-0.01	0.12	0.01	-0.04	0.08	0.04	-0.01	0.04
Other Oils (f)	-0.16	-0.14	-0.13	-0.07	-0.26	-0.21	-0.23	-0.24	-0.25	-0.31	-0.28	-0.23	-0.12	-0.23	-0.27
Product Inventory Net Withdrawals	0.67	-0.30	-0.30	0.33	0.47	-0.50	-0.16	0.16	0.35	-0.56	-0.25	0.27	0.10	-0.01	-0.05
Total Supply	20.79	20.63	20.73	20.58	19.90	20.06	18.84	19.51	19.33	19.04	19.34	19.41	20.68	19.57	19.28
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	0.07	0.12	0.10	0.09	0.09	0.11	0.11	0.09	0.10
Liquefied Petroleum Gas	2.38	1.92	1.92	2.13	2.25	1.86	1.77	2.09	2.23	1.80	1.83	2.06	2.08	1.99	1.98
Unfinished Oils	0.10	0.05	-0.06	0.03	0.00	-0.06	-0.13	0.01	0.02	0.00	-0.01	0.00	0.03	-0.05	0.00
Finished Petroleum Products															
Motor Gasoline	9.02	9.38	9.49	9.24	8.91	9.14	8.88	8.96	8.67	9.01	9.09	8.90	9.29	8.97	8.92
Jet Fuel	1.60	1.64	1.63	1.61	1.54	1.58	1.54	1.41	1.43	1.45	1.51	1.47	1.62	1.52	1.47
Distillate Fuel Oil	4.38	4.13	4.11	4.16	4.20	3.92	3.69	4.01	4.02	3.78	3.83	3.93	4.20	3.96	3.89
Residual Fuel Oil	0.80	0.70	0.70	0.69	0.60	0.68	0.58	0.59	0.72	0.61	0.56	0.66	0.72	0.61	0.64
Other Oils (f)	2.39	2.69	2.82	2.61	2.27	2.49	2.44	2.32	2.14	2.31	2.43	2.28	2.63	2.38	2.29
Total Consumption	20.79	20.63	20.73	20.58	19.88	19.68	18.84	19.51	19.33	19.04	19.34	19.41	20.68	19.48	19.28
Total Petroleum Net Imports	11.96	12.49	12.23	11.47	11.05	11.25	10.73	10.93	10.39	10.70	10.58	10.07	12.04	10.99	10.43
End-of-period Inventories (million barrels)															
Commercial Inventory															
Crude Oil (excluding SPR)	330.9	354.1	311.1	286.1	313.1	294.7	303.3	309.1	324.5	321.3	305.6	303.4	286.1	309.1	303.4
Pentanes Plus	11.3	10.9	12.1	10.3	9.1	12.9	15.8	12.9	11.4	12.2	12.8	10.2	10.3	12.9	10.2
Liquefied Petroleum Gas	70.4	103.0	125.7	95.6	64.7	103.1	137.9	112.0	78.4	117.4	143.3	112.7	95.6	112.0	112.7
Unfinished Oils	95.2	88.6	90.9	81.2	90.2	88.7	91.4	83.7	95.0	90.8	89.7	83.5	81.2	83.7	83.5
Other HC/Oxygenates	10.2	10.6	13.4	11.7	13.3	13.8	17.2	16.3	17.4	17.0	18.0	17.2	11.7	16.3	17.2
Total Motor Gasoline	201.6	205.5	200.0	218.1	221.2	209.8	189.5	206.0	207.1	210.2	203.0	210.4	218.1	206.0	210.4
Finished Motor Gasoline	109.2	116.6	113.2	111.4	110.0	107.0	92.3	96.5	94.2	101.2	96.2	100.4	111.4	96.5	100.4
Motor Gasoline Blend Comp.	92.4	88.9	86.8	106.7	111.2	102.8	97.1	109.5	112.9	108.9	106.8	110.0	106.7	109.5	110.0
Jet Fuel	40.1	41.1	42.9	39.5	38.4	39.7	37.5	39.8	41.0	43.2	44.4	43.5	39.5	39.8	43.5
Distillate Fuel Oil	120.0	123.8	134.2	133.9	107.2	121.1	127.2	127.0	103.6	115.7	128.0	132.1	133.9	127.0	132.1
Residual Fuel Oil	39.6	36.1	37.0	39.3	39.4	41.6	39.0	37.8	38.8	39.6	38.6	40.8	39.3	37.8	40.8
Other Oils (f)	69.7	65.6	56.4	52.7	56.1	54.2	44.2	49.0	60.6	58.5	50.1	52.3	52.7	49.0	52.3
Total Commercial Inventory	989	1,039	1,024	968	953	980	1,003	994	978	1,026	1,033	1,006	968	994	1,006
Crude Oil in SPR	689	690	693	697	700	706	702	702	706	710	710	710	697	702	710
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" includes aviation gasoline blend components, finished aviation gasoline, kerosene, petrochemical feedstocks, special naphthas, lubricants, waxes, petroleum coke, asphalt and road oil, still gas, and miscellaneous products.

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

SPR: Strategic Petroleum Reserve

HC: Hydrocarbons

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

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

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

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

Energy Information Administration/Short-Term Energy Outlook - December 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	14.33	<i>14.56</i>	<i>14.10</i>	<i>14.73</i>	<i>14.60</i>	<i>14.24</i>	15.16	<i>14.66</i>	<i>14.42</i>
Pentanes Plus	0.17	0.19	0.18	0.18	0.15	0.16	0.15	<i>0.18</i>	<i>0.16</i>	<i>0.17</i>	<i>0.17</i>	<i>0.18</i>	0.18	<i>0.16</i>	<i>0.17</i>
Liquefied Petroleum Gas	0.33	0.27	0.29	0.42	0.36	0.29	0.27	<i>0.40</i>	<i>0.35</i>	<i>0.29</i>	<i>0.30</i>	<i>0.41</i>	0.33	<i>0.33</i>	<i>0.34</i>
Other Hydrocarbons/Oxygenates	0.47	0.48	0.49	0.52	0.54	0.60	0.66	<i>0.69</i>	<i>0.69</i>	<i>0.69</i>	<i>0.69</i>	<i>0.70</i>	0.49	<i>0.62</i>	<i>0.69</i>
Unfinished Oils	0.52	0.80	0.71	0.74	0.67	0.84	0.84	<i>0.82</i>	<i>0.60</i>	<i>0.79</i>	<i>0.84</i>	<i>0.81</i>	0.69	<i>0.79</i>	<i>0.76</i>
Motor Gasoline Blend Components	0.18	0.32	0.20	-0.09	0.28	0.63	0.48	<i>0.21</i>	<i>0.36</i>	<i>0.52</i>	<i>0.39</i>	<i>0.25</i>	0.15	<i>0.40</i>	<i>0.38</i>
Aviation Gasoline Blend Components	0.00	0.00	0.00	0.00	0.00	0.00	0.00	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	0.00	<i>0.00</i>	<i>0.00</i>
Total Refinery Inputs	16.43	17.29	17.41	16.86	16.58	17.57	16.73	<i>16.87</i>	<i>16.26</i>	<i>17.19</i>	<i>16.99</i>	<i>16.59</i>	17.00	<i>16.94</i>	<i>16.76</i>
Refinery Processing Gain	0.98	0.96	1.01	1.03	0.98	0.99	0.95	<i>1.00</i>	<i>0.97</i>	<i>0.97</i>	<i>0.98</i>	<i>1.01</i>	1.00	<i>0.98</i>	<i>0.98</i>
Refinery Outputs															
Liquefied Petroleum Gas	0.56	0.86	0.76	0.45	0.55	0.85	0.73	<i>0.43</i>	<i>0.52</i>	<i>0.82</i>	<i>0.75</i>	<i>0.44</i>	0.65	<i>0.64</i>	<i>0.63</i>
Finished Motor Gasoline	8.16	8.43	8.46	8.38	8.34	8.45	8.12	<i>8.44</i>	<i>8.11</i>	<i>8.36</i>	<i>8.32</i>	<i>8.43</i>	8.36	<i>8.34</i>	<i>8.31</i>
Jet Fuel	1.44	1.43	1.46	1.47	1.47	1.52	1.50	<i>1.41</i>	<i>1.44</i>	<i>1.47</i>	<i>1.47</i>	<i>1.43</i>	1.45	<i>1.48</i>	<i>1.45</i>
Distillate Fuel	3.98	4.10	4.18	4.27	4.01	4.44	4.22	<i>4.39</i>	<i>4.04</i>	<i>4.29</i>	<i>4.22</i>	<i>4.17</i>	4.13	<i>4.27</i>	<i>4.18</i>
Residual Fuel	0.66	0.64	0.70	0.69	0.63	0.71	0.55	<i>0.58</i>	<i>0.61</i>	<i>0.62</i>	<i>0.59</i>	<i>0.60</i>	0.67	<i>0.62</i>	<i>0.60</i>
Other Oils (a)	2.63	2.79	2.85	2.65	2.57	2.68	2.56	<i>2.62</i>	<i>2.52</i>	<i>2.60</i>	<i>2.63</i>	<i>2.53</i>	2.73	<i>2.61</i>	<i>2.57</i>
Total Refinery Output	17.41	18.25	18.41	17.89	17.57	18.65	17.68	<i>17.87</i>	<i>17.23</i>	<i>18.16</i>	<i>17.97</i>	<i>17.60</i>	17.99	<i>17.94</i>	<i>17.74</i>
Refinery Distillation Inputs	15.12	15.49	15.77	15.41	14.89	15.52	14.72	<i>14.91</i>	<i>14.44</i>	<i>15.07</i>	<i>14.94</i>	<i>14.59</i>	15.45	<i>15.01</i>	<i>14.76</i>
Refinery Operable Distillation Capacity	17.44	17.45	17.46	17.45	17.59	17.60	17.61	<i>17.61</i>	<i>17.61</i>	<i>17.61</i>	<i>17.61</i>	<i>17.61</i>	17.45	<i>17.60</i>	<i>17.61</i>
Refinery Distillation Utilization Factor	0.87	0.89	0.90	0.88	0.85	0.88	0.84	<i>0.85</i>	<i>0.82</i>	<i>0.86</i>	<i>0.85</i>	<i>0.83</i>	0.89	<i>0.85</i>	<i>0.84</i>

- = no data available

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

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

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

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

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

Table 4c. U.S. Regional Motor Gasoline Prices and Inventories
 Energy Information Administration/Short-Term Energy Outlook - December 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	315	150	132	143	150	147	218	257	143
Gasoline Regular Grade Retail Prices Excluding Taxes															
PADD 1 (East Coast)	186	244	231	246	263	325	331	188	142	152	160	158	227	277	153
PADD 2 (Midwest)	183	254	243	245	260	325	331	174	142	154	162	157	232	272	154
PADD 3 (Gulf Coast)	181	247	233	243	260	323	330	181	140	150	158	155	226	273	151
PADD 4 (Rocky Mountain)	182	259	246	248	255	321	343	190	136	153	168	162	235	277	155
PADD 5 (West Coast)	213	266	235	257	268	339	342	199	154	172	175	174	243	287	169
U.S. Average	188	251	236	247	262	327	332	184	143	156	163	160	231	276	156
Gasoline Regular Grade Retail Prices Including Taxes															
PADD 1	235	295	280	296	312	374	383	239	189	200	208	206	277	327	201
PADD 2	229	302	292	294	307	373	381	223	187	200	208	203	280	321	200
PADD 3	222	289	275	284	301	364	374	224	181	192	199	197	268	316	192
PADD 4	228	307	292	295	302	367	391	237	183	200	215	210	281	325	202
PADD 5	268	326	292	316	327	398	406	261	208	227	229	228	301	348	223
U.S. Average	236	302	285	297	311	376	385	236	190	203	211	208	281	327	203
Gasoline All Grades Including Taxes	241	306	290	302	316	381	391	242	195	208	216	213	285	332	208
End-of-period Inventories (million barrels)															
Total Gasoline Inventories															
PADD 1	54.3	53.5	51.8	59.9	59.4	59.2	45.8	55.5	57.0	60.1	56.5	57.5	59.9	55.5	57.5
PADD 2	49.1	49.8	49.9	52.7	52.4	51.3	48.8	49.2	48.8	48.7	48.6	50.2	52.7	49.2	50.2
PADD 3	63.7	65.3	63.3	67.2	71.5	64.7	61.9	65.0	66.5	67.3	65.4	68.4	67.2	65.0	68.4
PADD 4	6.5	6.3	6.1	6.5	6.7	6.6	6.5	7.0	6.6	5.7	5.6	6.3	6.5	7.0	6.3
PADD 5	28.0	30.7	28.8	31.8	31.3	28.0	26.4	29.2	28.3	28.4	26.8	28.0	31.8	29.2	28.0
U.S. Total	201.6	205.5	200.0	218.1	221.2	209.8	189.5	206.0	207.1	210.2	203.0	210.4	218.1	206.0	210.4
Finished Gasoline Inventories															
PADD 1	25.8	29.9	29.5	29.1	27.0	28.8	20.1	23.5	22.0	26.7	24.4	25.2	29.1	23.5	25.2
PADD 2	33.6	34.5	34.1	35.6	34.5	33.6	30.3	31.4	30.6	31.1	31.6	33.2	35.6	31.4	33.2
PADD 3	37.0	38.1	36.8	35.7	36.1	33.8	31.6	32.3	32.0	33.7	32.0	34.4	35.7	32.3	34.4
PADD 4	4.6	4.4	4.4	4.6	4.7	4.5	4.3	4.5	4.4	3.9	3.9	4.1	4.6	4.5	4.1
PADD 5	8.2	9.8	8.4	6.5	7.7	6.3	6.0	4.8	5.2	5.8	4.3	3.4	6.5	4.8	3.4
U.S. Total	109.2	116.6	113.2	111.4	110.0	107.0	92.3	96.5	94.2	101.2	96.2	100.4	111.4	96.5	100.4
Gasoline Blending Components Inventories															
PADD 1	28.5	23.6	22.3	30.8	32.4	30.5	25.7	32.0	34.9	33.4	32.1	32.3	30.8	32.0	32.3
PADD 2	15.5	15.3	15.8	17.1	17.9	17.6	18.5	17.8	18.2	17.5	17.0	17.1	17.1	17.8	17.1
PADD 3	26.7	27.2	26.5	31.6	35.3	30.9	30.3	32.7	34.5	33.6	33.4	34.0	31.6	32.7	34.0
PADD 4	1.9	1.9	1.7	2.0	1.9	2.2	2.2	2.6	2.2	1.8	1.7	2.1	2.0	2.6	2.1
PADD 5	19.8	21.0	20.4	25.2	23.6	21.7	20.4	24.4	23.1	22.6	22.5	24.5	25.2	24.4	24.5
U.S. Total	92.4	88.9	86.8	106.7	111.2	102.8	97.1	109.5	112.9	108.9	106.8	110.0	106.7	109.5	110.0

- = 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 - December 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	171	196	208	250	269	347	336	185	161	169	166	168	207	274	165
Diesel Fuel	184	212	224	257	284	365	346	195	168	183	180	176	220	300	177
Heating Oil Residential Prices Excluding Taxes															
Northeast	240	249	256	301	324	381	391	257	229	221	214	222	260	314	224
South	229	240	248	302	327	386	393	269	235	221	208	222	251	314	227
Midwest	224	247	259	299	319	389	382	261	225	218	213	219	252	308	221
West	247	259	267	320	330	399	395	269	234	236	231	241	272	322	236
U.S. Average	238	248	256	301	324	382	390	259	229	221	214	223	259	314	224
Heating Oil Residential Prices Including State Taxes															
Northeast	252	261	269	316	340	400	410	270	240	232	225	234	273	330	235
South	239	250	258	315	341	403	410	281	245	231	217	232	262	327	237
Midwest	238	261	274	317	338	412	404	276	238	231	226	232	267	326	233
West	254	266	273	328	339	410	406	276	240	242	237	247	279	331	242
U.S. Average	250	261	268	316	340	401	409	272	240	232	225	234	272	330	235
Total Distillate End-of-period Inventories (million barrels)															
PADD 1 (East Coast)	43.9	45.1	57.8	55.7	33.2	41.9	50.5	48.5	31.6	39.7	53.8	54.5	55.7	48.5	54.5
PADD 2 (Midwest)	28.5	30.2	29.2	30.1	28.5	30.3	27.9	28.8	27.7	29.2	28.7	28.9	30.1	28.8	28.9
PADD 3 (Gulf Coast)	32.0	33.5	32.5	31.3	29.9	32.4	33.1	32.4	29.7	32.0	31.2	32.8	31.3	32.4	32.8
PADD 4 (Rocky Mountain)	3.3	3.1	2.7	3.3	3.1	3.4	2.9	3.1	3.0	3.0	2.7	3.2	3.3	3.1	3.2
PADD 5 (West Coast)	12.4	11.9	12.0	13.6	12.5	13.2	12.8	14.2	11.6	11.8	11.5	12.7	13.6	14.2	12.7
U.S. Total	120.0	123.8	134.2	133.9	107.2	121.1	127.2	127.0	103.6	115.7	128.0	132.1	133.9	127.0	132.1

- = 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 - December 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	166	172	87	72	70	69	77	117	139	73
Propane Residential Prices excluding Taxes															
Northeast	220	233	242	260	270	289	313	<i>248</i>	<i>211</i>	<i>193</i>	<i>193</i>	<i>199</i>	236	<i>271</i>	<i>202</i>
South	207	212	207	244	257	267	273	<i>229</i>	<i>205</i>	<i>178</i>	<i>165</i>	<i>181</i>	219	<i>250</i>	<i>189</i>
Midwest	167	169	167	195	204	217	227	<i>188</i>	<i>162</i>	<i>136</i>	<i>125</i>	<i>138</i>	176	<i>203</i>	<i>146</i>
West	208	202	196	239	258	255	257	<i>227</i>	<i>207</i>	<i>176</i>	<i>161</i>	<i>184</i>	215	<i>248</i>	<i>187</i>
U.S. Average	194	201	195	226	237	251	257	<i>215</i>	<i>189</i>	<i>168</i>	<i>152</i>	<i>167</i>	205	<i>234</i>	<i>174</i>
Propane Residential Prices including State Taxes															
Northeast	230	244	252	271	282	302	327	<i>259</i>	<i>220</i>	<i>202</i>	<i>202</i>	<i>208</i>	247	<i>283</i>	<i>211</i>
South	218	222	217	256	270	280	287	<i>240</i>	<i>216</i>	<i>187</i>	<i>173</i>	<i>190</i>	230	<i>262</i>	<i>198</i>
Midwest	177	178	176	206	216	229	240	<i>199</i>	<i>171</i>	<i>144</i>	<i>132</i>	<i>145</i>	186	<i>215</i>	<i>154</i>
West	220	214	207	253	273	270	271	<i>239</i>	<i>218</i>	<i>186</i>	<i>170</i>	<i>195</i>	227	<i>262</i>	<i>198</i>
U.S. Average	203	211	205	238	250	265	271	<i>226</i>	<i>199</i>	<i>176</i>	<i>160</i>	<i>175</i>	215	<i>246</i>	<i>183</i>
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	<i>3.7</i>	<i>2.5</i>	<i>4.1</i>	<i>4.8</i>	<i>4.5</i>	4.6	<i>3.7</i>	<i>4.5</i>
PADD 2 (Midwest)	8.6	16.6	23.5	19.4	9.0	17.8	24.5	<i>18.0</i>	<i>7.4</i>	<i>16.1</i>	<i>22.6</i>	<i>19.0</i>	19.4	<i>18.0</i>	<i>19.0</i>
PADD 3 (Gulf Coast)	14.2	21.7	27.5	25.7	13.3	19.7	27.8	<i>27.7</i>	<i>15.6</i>	<i>25.5</i>	<i>32.9</i>	<i>28.1</i>	25.7	<i>27.7</i>	<i>28.1</i>
PADD 4 (Rocky Mountain)	0.4	0.4	0.4	0.4	0.4	0.4	0.4	<i>0.4</i>	<i>0.3</i>	<i>0.4</i>	<i>0.5</i>	<i>0.4</i>	0.4	<i>0.4</i>	<i>0.4</i>
PADD 5 (West Coast)	0.4	1.3	2.5	2.0	0.4	0.9	2.0	<i>1.8</i>	<i>0.5</i>	<i>1.3</i>	<i>2.5</i>	<i>1.8</i>	2.0	<i>1.8</i>	<i>1.8</i>
U.S. Total	26.9	43.7	58.3	52.0	25.6	42.6	59.2	<i>51.6</i>	<i>26.4</i>	<i>47.5</i>	<i>63.3</i>	<i>53.7</i>	52.0	<i>51.6</i>	<i>53.7</i>

- = 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 - December 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	57.89	<i>57.78</i>	<i>59.59</i>	<i>59.30</i>	<i>58.16</i>	<i>58.00</i>	55.21	<i>58.21</i>	<i>58.76</i>
Alaska	1.34	1.14	1.19	1.20	1.23	1.03	0.97	<i>1.20</i>	<i>1.25</i>	<i>1.02</i>	<i>1.00</i>	<i>1.17</i>	1.22	<i>1.11</i>	<i>1.11</i>
Federal GOM (a)	7.65	7.63	7.34	7.74	7.81	6.97	5.60	<i>5.58</i>	<i>6.99</i>	<i>6.83</i>	<i>6.22</i>	<i>6.39</i>	7.59	<i>6.49</i>	<i>6.61</i>
Lower 48 States (excl GOM)	44.79	45.89	46.92	47.96	49.25	50.87	51.32	<i>51.01</i>	<i>51.35</i>	<i>51.45</i>	<i>50.94</i>	<i>50.44</i>	46.40	<i>50.61</i>	<i>51.04</i>
Total Dry Gas Production	51.47	52.28	53.06	54.41	55.83	56.36	55.54	<i>55.47</i>	<i>57.20</i>	<i>56.93</i>	<i>55.83</i>	<i>55.68</i>	52.82	<i>55.80</i>	<i>56.41</i>
Gross Imports	12.98	12.62	13.11	11.79	12.04	9.91	10.31	<i>9.84</i>	<i>9.86</i>	<i>9.79</i>	<i>10.53</i>	<i>10.08</i>	12.62	<i>10.52</i>	<i>10.07</i>
Pipeline	10.93	9.55	10.64	10.93	11.21	8.84	9.25	<i>8.87</i>	<i>9.01</i>	<i>8.38</i>	<i>9.19</i>	<i>9.18</i>	10.51	<i>9.54</i>	<i>8.94</i>
LNG	2.05	3.07	2.47	0.86	0.83	1.06	1.07	<i>0.97</i>	<i>0.86</i>	<i>1.41</i>	<i>1.35</i>	<i>0.90</i>	2.11	<i>0.98</i>	<i>1.13</i>
Gross Exports	2.25	1.87	2.15	2.73	3.48	2.38	2.11	<i>2.73</i>	<i>3.23</i>	<i>2.17</i>	<i>1.96</i>	<i>2.76</i>	2.25	<i>2.67</i>	<i>2.53</i>
Net Imports	10.72	10.75	10.97	9.06	8.56	7.53	8.21	<i>7.11</i>	<i>6.64</i>	<i>7.61</i>	<i>8.57</i>	<i>7.32</i>	10.37	<i>7.85</i>	<i>7.54</i>
Supplemental Gaseous Fuels	0.20	0.16	0.18	0.14	0.13	0.15	0.16	<i>0.17</i>	<i>0.15</i>	<i>0.12</i>	<i>0.14</i>	<i>0.16</i>	0.17	<i>0.15</i>	<i>0.14</i>
Net Inventory Withdrawals	15.95	-10.60	-8.01	4.72	18.07	-10.25	-10.79	<i>3.61</i>	<i>15.07</i>	<i>-10.73</i>	<i>-9.40</i>	<i>3.63</i>	0.46	<i>0.14</i>	<i>-0.41</i>
Total Supply	78.34	52.58	56.19	68.32	82.58	53.78	53.12	<i>66.36</i>	<i>79.07</i>	<i>53.93</i>	<i>55.15</i>	<i>66.79</i>	63.81	<i>63.94</i>	<i>63.68</i>
Balancing Item (b)	0.80	1.23	0.14	-4.71	-0.55	1.20	-0.34	<i>-2.05</i>	<i>1.97</i>	<i>1.06</i>	<i>-0.52</i>	<i>-3.82</i>	-0.65	<i>-0.44</i>	<i>-0.34</i>
Total Primary Supply	79.14	53.81	56.33	63.61	82.03	54.98	52.78	<i>64.31</i>	<i>81.04</i>	<i>54.99</i>	<i>54.63</i>	<i>62.98</i>	63.16	<i>63.50</i>	<i>63.33</i>
Consumption (billion cubic feet per day)															
Residential	25.78	8.37	3.77	14.08	25.89	8.53	3.78	<i>15.65</i>	<i>26.66</i>	<i>8.82</i>	<i>3.90</i>	<i>15.02</i>	12.94	<i>13.44</i>	<i>13.54</i>
Commercial	14.01	6.19	4.10	8.76	14.32	6.26	4.16	<i>9.32</i>	<i>14.34</i>	<i>6.37</i>	<i>4.34</i>	<i>9.12</i>	8.24	<i>8.51</i>	<i>8.52</i>
Industrial	19.74	17.06	17.05	18.86	20.52	17.62	16.66	<i>18.03</i>	<i>19.60</i>	<i>17.25</i>	<i>16.49</i>	<i>17.73</i>	18.17	<i>18.20</i>	<i>17.76</i>
Electric Power (c)	14.29	17.50	26.61	16.82	15.62	17.59	23.30	<i>16.16</i>	<i>14.65</i>	<i>17.51</i>	<i>24.96</i>	<i>15.93</i>	18.83	<i>18.18</i>	<i>18.28</i>
Lease and Plant Fuel	3.12	3.17	3.22	3.30	3.38	3.41	3.36	<i>3.35</i>	<i>3.46</i>	<i>3.44</i>	<i>3.37</i>	<i>3.36</i>	3.20	<i>3.38</i>	<i>3.41</i>
Pipeline and Distribution Use	2.14	1.45	1.52	1.72	2.21	1.48	1.44	<i>1.72</i>	<i>2.25</i>	<i>1.50</i>	<i>1.47</i>	<i>1.72</i>	1.70	<i>1.71</i>	<i>1.73</i>
Vehicle Use	0.07	0.07	0.07	0.07	0.08	0.08	0.08	<i>0.08</i>	<i>0.09</i>	<i>0.09</i>	<i>0.09</i>	<i>0.09</i>	0.07	<i>0.08</i>	<i>0.09</i>
Total Consumption	79.14	53.81	56.33	63.61	82.03	54.98	52.78	<i>64.31</i>	<i>81.04</i>	<i>54.99</i>	<i>54.63</i>	<i>62.98</i>	63.16	<i>63.50</i>	<i>63.33</i>
End-of-period Inventories (billion cubic feet)															
Working Gas Inventory	1,603	2,580	3,316	2,879	1,247	2,171	3,163	<i>2,831</i>	<i>1,475</i>	<i>2,451</i>	<i>3,316</i>	<i>2,982</i>	2,879	<i>2,831</i>	<i>2,982</i>
Producing Region (d)	649	899	979	909	497	705	845	<i>849</i>	<i>571</i>	<i>831</i>	<i>983</i>	<i>944</i>	909	<i>849</i>	<i>944</i>
East Consuming Region (d)	715	1,309	1,898	1,586	574	1,157	1,887	<i>1,588</i>	<i>662</i>	<i>1,257</i>	<i>1,888</i>	<i>1,642</i>	1,586	<i>1,588</i>	<i>1,642</i>
West Consuming Region (d)	239	372	438	384	176	310	431	<i>394</i>	<i>241</i>	<i>363</i>	<i>445</i>	<i>397</i>	384	<i>394</i>	<i>397</i>

- = no data available

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

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

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

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

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

LNG: liquefied natural gas.

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

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

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

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

Energy Information Administration/Short-Term Energy Outlook - December 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	0.16	<i>0.54</i>	<i>1.07</i>	<i>0.41</i>	<i>0.15</i>	<i>0.49</i>	0.52	<i>0.52</i>	<i>0.53</i>
Middle Atlantic	4.67	1.63	0.64	2.59	4.46	1.57	0.63	<i>2.72</i>	<i>4.88</i>	<i>1.75</i>	<i>0.67</i>	<i>2.49</i>	2.37	<i>2.34</i>	<i>2.44</i>
E. N. Central	7.46	2.26	0.85	4.07	7.67	2.32	0.85	<i>4.72</i>	<i>7.79</i>	<i>2.31</i>	<i>0.83</i>	<i>4.46</i>	3.64	<i>3.88</i>	<i>3.83</i>
W. N. Central	2.42	0.66	0.27	1.31	2.66	0.79	0.28	<i>1.41</i>	<i>2.54</i>	<i>0.71</i>	<i>0.29</i>	<i>1.37</i>	1.16	<i>1.28</i>	<i>1.22</i>
S. Atlantic	2.37	0.67	0.32	1.33	2.24	0.58	0.32	<i>1.73</i>	<i>2.59</i>	<i>0.70</i>	<i>0.34</i>	<i>1.49</i>	1.17	<i>1.22</i>	<i>1.27</i>
E. S. Central	1.03	0.25	0.12	0.46	1.06	0.26	0.12	<i>0.63</i>	<i>1.12</i>	<i>0.27</i>	<i>0.13</i>	<i>0.54</i>	0.46	<i>0.52</i>	<i>0.51</i>
W. S. Central	2.02	0.54	0.30	0.78	1.89	0.51	0.28	<i>0.92</i>	<i>1.87</i>	<i>0.53</i>	<i>0.30</i>	<i>0.86</i>	0.90	<i>0.90</i>	<i>0.89</i>
Mountain	1.90	0.61	0.29	1.13	1.96	0.70	0.31	<i>1.16</i>	<i>1.94</i>	<i>0.69</i>	<i>0.29</i>	<i>1.30</i>	0.98	<i>1.03</i>	<i>1.05</i>
Pacific	2.89	1.34	0.84	1.92	2.97	1.41	0.83	<i>1.82</i>	<i>2.86</i>	<i>1.44</i>	<i>0.90</i>	<i>2.02</i>	1.74	<i>1.76</i>	<i>1.80</i>
Total	25.78	8.37	3.77	14.08	25.89	8.53	3.78	<i>15.65</i>	<i>26.66</i>	<i>8.82</i>	<i>3.90</i>	<i>15.02</i>	12.94	<i>13.44</i>	<i>13.54</i>
Commercial Sector															
New England	0.61	0.27	0.14	0.34	0.60	0.26	0.15	<i>0.34</i>	<i>0.61</i>	<i>0.27</i>	<i>0.15</i>	<i>0.34</i>	0.34	<i>0.34</i>	<i>0.34</i>
Middle Atlantic	2.70	1.27	0.87	1.73	2.69	1.18	0.86	<i>1.77</i>	<i>2.81</i>	<i>1.31</i>	<i>0.90</i>	<i>1.72</i>	1.64	<i>1.62</i>	<i>1.68</i>
E. N. Central	3.49	1.28	0.68	2.06	3.73	1.31	0.69	<i>2.26</i>	<i>3.68</i>	<i>1.31</i>	<i>0.73</i>	<i>2.20</i>	1.87	<i>2.00</i>	<i>1.97</i>
W. N. Central	1.44	0.50	0.29	0.85	1.56	0.55	0.29	<i>0.89</i>	<i>1.46</i>	<i>0.52</i>	<i>0.32</i>	<i>0.88</i>	0.77	<i>0.82</i>	<i>0.79</i>
S. Atlantic	1.59	0.77	0.54	1.05	1.51	0.72	0.56	<i>1.21</i>	<i>1.63</i>	<i>0.74</i>	<i>0.55</i>	<i>1.12</i>	0.98	<i>1.00</i>	<i>1.01</i>
E. S. Central	0.64	0.25	0.17	0.36	0.65	0.25	0.17	<i>0.43</i>	<i>0.65</i>	<i>0.24</i>	<i>0.18</i>	<i>0.38</i>	0.35	<i>0.38</i>	<i>0.36</i>
W. S. Central	1.16	0.57	0.44	0.68	1.14	0.60	0.47	<i>0.75</i>	<i>1.14</i>	<i>0.58</i>	<i>0.49</i>	<i>0.76</i>	0.71	<i>0.74</i>	<i>0.74</i>
Mountain	1.05	0.44	0.27	0.66	1.08	0.49	0.28	<i>0.65</i>	<i>1.03</i>	<i>0.50</i>	<i>0.30</i>	<i>0.70</i>	0.60	<i>0.62</i>	<i>0.63</i>
Pacific	1.32	0.84	0.69	1.04	1.35	0.89	0.68	<i>1.00</i>	<i>1.33</i>	<i>0.89</i>	<i>0.71</i>	<i>1.03</i>	0.97	<i>0.98</i>	<i>0.99</i>
Total	14.01	6.19	4.10	8.76	14.32	6.26	4.16	<i>9.32</i>	<i>14.34</i>	<i>6.37</i>	<i>4.34</i>	<i>9.12</i>	8.24	<i>8.51</i>	<i>8.52</i>
Industrial Sector															
New England	0.33	0.22	0.16	0.26	0.36	0.22	0.15	<i>0.24</i>	<i>0.32</i>	<i>0.22</i>	<i>0.16</i>	<i>0.22</i>	0.24	<i>0.24</i>	<i>0.23</i>
Middle Atlantic	1.07	0.85	0.81	0.96	1.13	0.84	0.74	<i>0.93</i>	<i>1.08</i>	<i>0.85</i>	<i>0.76</i>	<i>0.90</i>	0.92	<i>0.91</i>	<i>0.90</i>
E. N. Central	3.84	2.75	2.54	3.16	3.84	2.88	2.53	<i>3.21</i>	<i>3.76</i>	<i>2.78</i>	<i>2.47</i>	<i>3.08</i>	3.07	<i>3.11</i>	<i>3.02</i>
W. N. Central	1.40	1.16	1.25	1.44	1.57	1.25	1.19	<i>1.33</i>	<i>1.38</i>	<i>1.13</i>	<i>1.16</i>	<i>1.29</i>	1.31	<i>1.33</i>	<i>1.24</i>
S. Atlantic	1.52	1.38	1.34	1.47	1.59	1.41	1.33	<i>1.47</i>	<i>1.57</i>	<i>1.38</i>	<i>1.29</i>	<i>1.40</i>	1.43	<i>1.45</i>	<i>1.41</i>
E. S. Central	1.38	1.19	1.11	1.29	1.41	1.21	1.11	<i>1.24</i>	<i>1.33</i>	<i>1.15</i>	<i>1.05</i>	<i>1.19</i>	1.24	<i>1.24</i>	<i>1.18</i>
W. S. Central	6.86	6.56	6.58	6.81	7.08	6.69	6.44	<i>6.30</i>	<i>6.76</i>	<i>6.57</i>	<i>6.39</i>	<i>6.31</i>	6.70	<i>6.63</i>	<i>6.51</i>
Mountain	0.90	0.69	0.73	0.86	0.96	0.75	0.69	<i>0.83</i>	<i>0.89</i>	<i>0.74</i>	<i>0.69</i>	<i>0.81</i>	0.80	<i>0.81</i>	<i>0.78</i>
Pacific	2.42	2.27	2.54	2.61	2.58	2.37	2.48	<i>2.49</i>	<i>2.51</i>	<i>2.44</i>	<i>2.51</i>	<i>2.53</i>	2.46	<i>2.48</i>	<i>2.49</i>
Total	19.74	17.06	17.05	18.86	20.52	17.62	16.66	<i>18.03</i>	<i>19.60</i>	<i>17.25</i>	<i>16.49</i>	<i>17.73</i>	18.17	<i>18.20</i>	<i>17.76</i>

- = 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 - December 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	8.81	<i>6.04</i>	<i>5.90</i>	<i>5.27</i>	<i>5.00</i>	<i>5.84</i>	6.39	<i>8.09</i>	<i>5.50</i>
Henry Hub Spot Price	7.41	7.76	6.35	7.19	8.92	11.73	9.29	<i>6.77</i>	<i>6.75</i>	<i>5.97</i>	<i>5.70</i>	<i>6.60</i>	7.17	<i>9.17</i>	<i>6.25</i>
Residential															
New England	15.99	16.91	19.07	16.45	16.18	18.02	21.59	<i>16.69</i>	<i>16.06</i>	<i>15.22</i>	<i>17.47</i>	<i>15.65</i>	16.50	<i>17.07</i>	<i>15.90</i>
Middle Atlantic	14.22	15.75	18.61	15.07	14.70	17.28	21.90	<i>15.67</i>	<i>13.90</i>	<i>14.25</i>	<i>17.30</i>	<i>14.23</i>	15.01	<i>15.90</i>	<i>14.28</i>
E. N. Central	10.98	12.81	15.29	11.36	11.40	14.94	19.51	<i>11.45</i>	<i>10.65</i>	<i>11.39</i>	<i>13.80</i>	<i>10.62</i>	11.62	<i>12.39</i>	<i>10.93</i>
W. N. Central	11.38	13.48	17.33	11.39	11.20	14.43	20.20	<i>11.45</i>	<i>10.42</i>	<i>11.49</i>	<i>14.88</i>	<i>11.21</i>	12.04	<i>12.25</i>	<i>11.07</i>
S. Atlantic	14.90	18.56	24.29	16.20	15.33	20.88	27.01	<i>16.62</i>	<i>14.19</i>	<i>16.12</i>	<i>20.96</i>	<i>15.39</i>	16.45	<i>17.22</i>	<i>15.26</i>
E. S. Central	13.16	15.69	18.46	14.26	13.39	17.51	22.64	<i>15.04</i>	<i>13.01</i>	<i>13.74</i>	<i>17.00</i>	<i>13.96</i>	14.12	<i>14.94</i>	<i>13.61</i>
W. S. Central	10.69	14.49	16.81	13.37	11.92	17.92	21.41	<i>13.97</i>	<i>11.26</i>	<i>12.76</i>	<i>15.80</i>	<i>13.13</i>	12.35	<i>14.05</i>	<i>12.33</i>
Mountain	10.61	11.73	14.44	10.14	10.45	12.35	15.60	<i>10.49</i>	<i>10.05</i>	<i>10.13</i>	<i>12.87</i>	<i>9.70</i>	10.93	<i>11.17</i>	<i>10.15</i>
Pacific	11.73	12.64	12.56	11.64	12.12	14.37	15.54	<i>11.41</i>	<i>11.26</i>	<i>10.48</i>	<i>11.03</i>	<i>10.94</i>	11.98	<i>12.79</i>	<i>10.99</i>
U.S. Average	12.31	14.18	16.41	12.65	12.46	15.57	19.26	<i>12.97</i>	<i>11.81</i>	<i>12.18</i>	<i>14.32</i>	<i>11.96</i>	13.00	<i>13.58</i>	<i>12.09</i>
Commercial															
New England	14.12	14.20	13.45	13.69	14.21	15.31	17.32	<i>14.37</i>	<i>13.74</i>	<i>12.52</i>	<i>12.11</i>	<i>13.09</i>	13.97	<i>14.77</i>	<i>13.19</i>
Middle Atlantic	12.45	12.08	10.91	12.29	13.02	14.46	14.76	<i>12.26</i>	<i>11.92</i>	<i>10.69</i>	<i>9.86</i>	<i>11.28</i>	12.14	<i>13.11</i>	<i>11.28</i>
E. N. Central	10.67	11.12	10.86	10.14	10.54	13.09	14.97	<i>10.87</i>	<i>10.01</i>	<i>9.45</i>	<i>9.58</i>	<i>9.60</i>	10.66	<i>11.28</i>	<i>9.77</i>
W. N. Central	10.62	10.84	10.63	9.92	10.59	12.31	13.69	<i>10.44</i>	<i>10.00</i>	<i>9.34</i>	<i>9.27</i>	<i>9.57</i>	10.46	<i>11.07</i>	<i>9.71</i>
S. Atlantic	12.71	12.82	12.68	12.77	13.05	14.64	15.79	<i>13.20</i>	<i>12.56</i>	<i>11.60</i>	<i>11.39</i>	<i>11.88</i>	12.74	<i>13.60</i>	<i>12.04</i>
E. S. Central	12.00	12.53	12.88	12.60	12.40	14.65	16.33	<i>13.66</i>	<i>12.41</i>	<i>11.33</i>	<i>10.86</i>	<i>11.60</i>	12.34	<i>13.55</i>	<i>11.84</i>
W. S. Central	9.66	10.61	10.51	10.75	10.61	13.17	13.56	<i>10.58</i>	<i>9.49</i>	<i>8.79</i>	<i>9.01</i>	<i>9.94</i>	10.22	<i>11.54</i>	<i>9.40</i>
Mountain	9.67	10.03	10.64	9.25	9.52	10.52	11.59	<i>9.45</i>	<i>9.25</i>	<i>8.53</i>	<i>8.91</i>	<i>8.85</i>	9.72	<i>9.91</i>	<i>8.96</i>
Pacific	11.06	11.04	10.72	10.55	11.23	12.45	13.15	<i>10.38</i>	<i>10.14</i>	<i>8.94</i>	<i>8.69</i>	<i>9.61</i>	10.86	<i>11.56</i>	<i>9.50</i>
U.S. Average	11.37	11.59	11.23	10.99	11.37	13.13	14.18	<i>11.48</i>	<i>10.85</i>	<i>9.94</i>	<i>9.75</i>	<i>10.36</i>	11.31	<i>11.98</i>	<i>10.43</i>
Industrial															
New England	12.87	12.51	10.48	11.98	13.06	14.44	15.55	<i>12.80</i>	<i>12.48</i>	<i>10.86</i>	<i>9.52</i>	<i>11.06</i>	12.21	<i>13.63</i>	<i>11.31</i>
Middle Atlantic	11.64	10.83	9.74	10.90	12.43	13.32	14.16	<i>11.37</i>	<i>10.71</i>	<i>8.96</i>	<i>8.30</i>	<i>9.82</i>	10.94	<i>12.44</i>	<i>9.71</i>
E. N. Central	9.65	9.99	9.68	9.29	9.85	11.73	12.41	<i>9.39</i>	<i>8.84</i>	<i>8.41</i>	<i>7.96</i>	<i>8.52</i>	9.62	<i>10.40</i>	<i>8.56</i>
W. N. Central	8.85	8.07	6.94	7.78	9.12	10.29	10.36	<i>7.88</i>	<i>7.82</i>	<i>6.71</i>	<i>6.27</i>	<i>7.29</i>	7.95	<i>9.29</i>	<i>7.09</i>
S. Atlantic	9.38	9.40	8.74	9.35	10.53	12.61	13.07	<i>9.76</i>	<i>8.78</i>	<i>8.02</i>	<i>7.64</i>	<i>8.52</i>	9.24	<i>11.10</i>	<i>8.30</i>
E. S. Central	8.88	8.87	7.99	8.45	9.43	11.55	11.96	<i>9.00</i>	<i>8.26</i>	<i>7.42</i>	<i>7.02</i>	<i>7.91</i>	8.58	<i>10.24</i>	<i>7.72</i>
W. S. Central	6.99	7.61	6.21	6.80	8.12	10.90	10.34	<i>7.04</i>	<i>6.69</i>	<i>5.99</i>	<i>5.71</i>	<i>6.49</i>	6.89	<i>9.08</i>	<i>6.22</i>
Mountain	9.44	9.07	8.51	8.55	9.29	9.98	10.08	<i>8.46</i>	<i>8.40</i>	<i>7.58</i>	<i>7.26</i>	<i>7.76</i>	8.92	<i>9.35</i>	<i>7.80</i>
Pacific	9.00	8.12	7.54	8.68	9.74	10.82	11.11	<i>8.54</i>	<i>8.06</i>	<i>6.53</i>	<i>6.08</i>	<i>7.08</i>	8.34	<i>9.85</i>	<i>6.99</i>
U.S. Average	7.97	8.08	6.75	7.51	8.90	11.10	10.76	<i>7.90</i>	<i>7.55</i>	<i>6.53</i>	<i>6.11</i>	<i>7.08</i>	7.59	<i>9.55</i>	<i>6.85</i>

- = 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 - December 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	297.2	307.9	280.3	276.8	286.5	304.5	1146.6	1178.2	1148.1
Appalachia	99.5	95.5	91.6	91.9	97.8	99.1	97.4	99.1	94.8	95.8	93.9	96.7	378.5	393.4	381.2
Interior	38.1	36.4	37.0	35.6	35.5	35.0	36.5	37.9	34.4	34.2	35.2	37.5	147.1	145.0	141.3
Western	148.4	153.8	157.4	161.4	155.8	149.8	163.3	170.9	151.1	146.8	157.5	170.2	621.0	639.8	625.6
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	8.5	8.7	7.9	9.1	9.1	8.9	36.3	33.8	35.0
Exports	11.1	14.7	16.2	17.1	15.8	23.1	20.3	23.6	13.4	19.1	20.7	18.7	59.2	82.8	71.9
Metallurgical Coal	6.7	7.9	9.2	8.4	9.1	12.6	10.6	11.3	6.0	8.1	8.9	10.8	32.2	43.5	33.8
Steam Coal	4.4	6.8	7.0	8.7	6.7	10.5	9.8	12.3	7.4	11.0	11.7	7.9	27.0	39.3	38.1
Total Primary Supply	286.2	280.9	282.8	276.5	282.5	270.9	286.5	296.0	273.2	263.8	282.5	294.3	1126.4	1135.9	1113.9
Secondary Inventory Withdrawals	-0.8	-13.3	12.8	-7.0	5.0	-7.6	6.7	-12.0	1.3	-4.7	17.3	-16.0	-8.3	-7.9	-2.2
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	291.1	267.0	297.0	287.7	278.3	262.8	303.6	282.0	1132.2	1142.9	1126.7
Consumption (million short tons)															
Coke Plants	5.6	5.7	5.7	5.7	5.5	5.6	5.3	5.4	5.1	5.2	4.9	5.1	22.7	21.8	20.4
Electric Power Sector (b)	257.4	247.1	284.3	257.6	262.9	248.2	278.3	260.1	257.7	244.2	284.5	261.1	1046.4	1049.5	1047.5
Retail and Other Industry	16.1	13.9	15.5	17.8	16.4	14.2	14.9	16.6	15.5	13.4	14.1	15.8	63.3	62.1	58.8
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	3.5	3.2
Other Industrial	15.0	13.2	14.8	16.7	15.4	13.4	14.2	15.6	14.5	12.8	13.5	14.8	59.8	58.6	55.6
Total Consumption	279.1	266.7	305.5	281.1	284.8	268.0	298.5	282.1	278.3	262.8	303.6	282.0	1132.4	1133.4	1126.7
Discrepancy (c)	9.6	4.3	-5.1	-5.5	7.2	-1.3	-1.6	5.5	0.0	0.0	0.0	0.0	3.3	9.8	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	153.6	161.3	154.6	166.6	165.3	170.0	152.7	168.8	158.7	166.6	168.8
Electric Power Sector	143.0	156.4	143.9	151.1	147.0	154.0	147.1	158.9	157.9	162.3	144.6	160.6	151.1	158.9	160.6
Retail and General Industry	5.8	5.7	5.8	5.6	4.8	5.0	5.1	5.3	5.1	5.3	5.6	5.8	5.6	5.3	5.8
Coke Plants	2.4	2.4	2.0	1.9	1.5	1.8	1.8	2.0	1.9	1.9	2.0	2.0	1.9	2.0	2.0
Coal Market Indicators															
Coal Miner Productivity															
(Tons per hour)	6.27	6.27	6.27	6.27	6.27	6.27	6.27	6.17	6.00	6.00	6.00	6.00	6.27	6.24	6.00
Total Raw Steel Production															
(Million short tons per day)	0.279	0.295	0.299	0.297	0.302	0.303	0.298	0.226	0.262	0.271	0.264	0.246	0.293	0.282	0.261
Cost of Coal to Electric Utilities															
(Dollars per million Btu)	1.76	1.78	1.78	1.79	1.91	2.04	2.14	2.02	1.96	1.98	1.97	1.94	1.78	2.03	1.96

- = no data available

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

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

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

(d) Primary stocks are held at the mines, 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 - December 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	11.02	12.26	<i>10.79</i>	<i>11.00</i>	<i>10.97</i>	<i>12.63</i>	<i>10.82</i>	11.40	<i>11.30</i>	<i>11.36</i>
Electric Power Sector (a)	10.67	10.56	12.29	10.38	10.73	10.63	11.85	<i>10.37</i>	<i>10.57</i>	<i>10.55</i>	<i>12.18</i>	<i>10.39</i>	10.98	<i>10.90</i>	<i>10.93</i>
Industrial Sector	0.40	0.39	0.41	0.39	0.38	0.37	0.38	<i>0.39</i>	<i>0.41</i>	<i>0.40</i>	<i>0.43</i>	<i>0.41</i>	0.40	<i>0.38</i>	<i>0.41</i>
Commercial Sector	0.02	0.02	0.02	0.02	0.02	0.02	0.02	<i>0.02</i>	<i>0.02</i>	<i>0.02</i>	<i>0.02</i>	<i>0.02</i>	0.02	<i>0.02</i>	<i>0.02</i>
Net Imports	0.07	0.11	0.09	0.07	0.09	0.09	0.12	<i>0.09</i>	<i>0.08</i>	<i>0.07</i>	<i>0.09</i>	<i>0.05</i>	0.09	<i>0.10</i>	<i>0.07</i>
Total Supply	11.16	11.08	12.81	10.86	11.23	11.11	12.37	<i>10.87</i>	<i>11.08</i>	<i>11.04</i>	<i>12.72</i>	<i>10.87</i>	11.48	<i>11.40</i>	<i>11.43</i>
Losses and Unaccounted for (b) ...	0.71	0.95	0.90	0.72	0.64	0.85	0.67	<i>0.72</i>	<i>0.63</i>	<i>0.93</i>	<i>0.84</i>	<i>0.75</i>	0.82	<i>0.72</i>	<i>0.79</i>
Electricity Consumption (billion kilowatthours per day)															
Retail Sales	10.06	9.74	11.51	9.76	10.21	9.88	11.35	<i>9.77</i>	<i>10.04</i>	<i>9.72</i>	<i>11.49</i>	<i>9.72</i>	10.27	<i>10.30</i>	<i>10.24</i>
Residential Sector	3.92	3.34	4.55	3.45	3.96	3.37	4.37	<i>3.47</i>	<i>3.90</i>	<i>3.33</i>	<i>4.51</i>	<i>3.44</i>	3.81	<i>3.79</i>	<i>3.80</i>
Commercial Sector	3.47	3.61	4.09	3.54	3.50	3.66	4.13	<i>3.57</i>	<i>3.50</i>	<i>3.64</i>	<i>4.15</i>	<i>3.59</i>	3.68	<i>3.72</i>	<i>3.72</i>
Industrial Sector	2.65	2.77	2.86	2.74	2.73	2.83	2.82	<i>2.71</i>	<i>2.63</i>	<i>2.73</i>	<i>2.80</i>	<i>2.67</i>	2.76	<i>2.77</i>	<i>2.71</i>
Transportation Sector	0.02	0.02	0.02	0.02	0.02	0.02	0.02	<i>0.02</i>	<i>0.02</i>	<i>0.02</i>	<i>0.02</i>	<i>0.02</i>	0.02	<i>0.02</i>	<i>0.02</i>
Direct Use (c)	0.39	0.39	0.41	0.39	0.38	0.37	0.35	<i>0.39</i>	<i>0.41</i>	<i>0.40</i>	<i>0.39</i>	<i>0.40</i>	0.39	<i>0.37</i>	<i>0.40</i>
Total Consumption	10.45	10.12	11.92	10.14	10.60	10.25	11.70	<i>10.15</i>	<i>10.45</i>	<i>10.11</i>	<i>11.88</i>	<i>10.12</i>	10.66	<i>10.68</i>	<i>10.64</i>
Prices															
Power Generation Fuel Costs (dollars per million Btu)															
Coal	1.76	1.78	1.78	1.79	1.91	2.04	2.14	<i>2.02</i>	<i>1.96</i>	<i>1.98</i>	<i>1.97</i>	<i>1.94</i>	1.78	<i>2.03</i>	<i>1.96</i>
Natural Gas	7.35	7.62	6.55	7.18	8.67	11.12	9.88	<i>6.97</i>	<i>6.73</i>	<i>5.97</i>	<i>5.68</i>	<i>6.42</i>	7.09	<i>9.27</i>	<i>6.12</i>
Residual Fuel Oil	7.18	8.36	8.53	10.71	13.34	15.07	17.74	<i>9.33</i>	<i>7.08</i>	<i>6.96</i>	<i>6.96</i>	<i>7.41</i>	8.40	<i>13.74</i>	<i>7.08</i>
Distillate Fuel Oil	12.44	14.48	14.75	18.96	18.89	24.18	24.56	<i>14.31</i>	<i>11.47</i>	<i>11.94</i>	<i>11.71</i>	<i>11.88</i>	15.17	<i>20.48</i>	<i>11.75</i>
End-Use Prices (cents per kilowatthour)															
Residential Sector	10.0	10.9	11.0	10.6	10.3	11.4	12.0	<i>11.2</i>	<i>10.9</i>	<i>12.1</i>	<i>12.4</i>	<i>11.7</i>	10.6	<i>11.3</i>	<i>11.8</i>
Commercial Sector	9.3	9.7	10.0	9.6	9.6	10.3	11.0	<i>10.3</i>	<i>10.3</i>	<i>10.8</i>	<i>11.3</i>	<i>10.7</i>	9.7	<i>10.3</i>	<i>10.8</i>
Industrial Sector	6.1	6.3	6.7	6.3	6.4	7.0	7.6	<i>6.8</i>	<i>6.8</i>	<i>7.1</i>	<i>7.6</i>	<i>7.1</i>	6.4	<i>6.9</i>	<i>7.2</i>

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

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

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

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

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

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

Energy Information Administration/Short-Term Energy Outlook - December 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	113	138	125	142	115	141	126	131	129	131
Middle Atlantic	389	330	416	344	387	319	408	351	394	320	424	341	370	366	370
E. N. Central	564	467	613	493	575	439	563	493	561	445	596	483	534	518	521
W. N. Central	300	245	344	258	316	238	308	257	290	236	328	251	287	280	276
S. Atlantic	966	843	1,171	856	949	857	1,105	861	963	821	1,121	838	959	943	936
E. S. Central	348	286	418	285	354	280	382	289	345	276	395	282	334	326	325
W. S. Central	505	462	684	463	528	523	712	455	504	511	741	478	529	555	559
Mountain	243	234	336	225	249	227	322	230	241	235	330	234	260	257	260
Pacific contiguous	442	346	411	381	447	362	416	394	442	358	418	394	395	405	403
AK and HI	16	14	14	15	16	14	13	15	16	14	14	15	15	14	15
Total	3,916	3,341	4,548	3,446	3,960	3,372	4,369	3,470	3,896	3,330	4,510	3,443	3,813	3,794	3,795
Commercial Sector															
New England	151	150	166	151	154	150	168	152	158	152	172	152	155	156	158
Middle Atlantic	454	443	499	446	452	437	498	445	460	445	510	445	461	458	465
E. N. Central	503	513	563	500	501	531	620	501	515	516	576	508	520	539	529
W. N. Central	256	261	300	258	261	259	289	256	253	258	295	257	269	267	266
S. Atlantic	778	829	944	812	781	839	929	811	777	829	949	811	841	840	842
E. S. Central	215	231	271	220	217	228	262	218	213	227	267	219	234	231	232
W. S. Central	421	453	526	436	432	487	549	446	425	478	562	458	459	479	481
Mountain	236	256	292	248	239	256	288	254	238	259	294	252	258	259	261
Pacific contiguous	442	454	506	456	445	457	510	468	443	453	510	467	464	470	468
AK and HI	18	17	18	17	17	17	17	18	17	17	18	18	17	17	18
Total	3,472	3,606	4,086	3,544	3,500	3,663	4,132	3,568	3,500	3,636	4,152	3,588	3,679	3,716	3,720
Industrial Sector															
New England	61	64	64	63	60	63	65	63	61	62	65	62	63	63	63
Middle Atlantic	195	202	208	204	198	203	205	201	198	203	210	198	203	202	202
E. N. Central	578	595	598	575	580	564	550	547	556	573	577	555	586	560	565
W. N. Central	225	235	248	239	230	235	245	240	223	233	244	233	237	238	233
S. Atlantic	416	438	443	423	410	435	427	413	384	406	414	390	430	421	399
E. S. Central	351	354	360	376	370	363	349	374	365	369	363	373	360	364	367
W. S. Central	407	428	450	429	458	499	486	430	421	439	453	426	428	468	435
Mountain	192	217	228	203	200	221	234	203	193	212	226	201	210	215	208
Pacific contiguous	210	224	242	218	213	229	249	222	211	220	237	214	224	228	221
AK and HI	14	14	15	14	14	14	14	14	14	14	15	14	14	14	14
Total	2,650	2,770	2,855	2,745	2,732	2,829	2,824	2,707	2,626	2,730	2,804	2,665	2,756	2,773	2,707
Total All Sectors (a)															
New England	356	330	371	343	355	328	372	341	363	331	379	342	350	349	354
Middle Atlantic	1,051	986	1,134	1,005	1,048	970	1,122	1,007	1,063	978	1,155	994	1,044	1,037	1,048
E. N. Central	1,648	1,576	1,776	1,569	1,658	1,536	1,735	1,542	1,634	1,536	1,751	1,548	1,642	1,618	1,617
W. N. Central	782	740	893	755	807	732	843	753	766	727	868	742	792	784	776
S. Atlantic	2,164	2,114	2,562	2,095	2,144	2,135	2,465	2,089	2,128	2,059	2,487	2,043	2,234	2,208	2,180
E. S. Central	914	871	1,049	881	941	871	993	881	923	872	1,025	873	929	922	924
W. S. Central	1,333	1,343	1,660	1,328	1,418	1,510	1,748	1,332	1,349	1,428	1,756	1,363	1,417	1,502	1,475
Mountain	671	706	857	677	688	705	845	687	672	706	850	687	728	732	729
Pacific contiguous	1,096	1,026	1,162	1,057	1,107	1,051	1,178	1,087	1,099	1,034	1,168	1,077	1,085	1,106	1,094
AK and HI	47	45	46	47	47	45	45	46	47	45	47	47	46	46	46
Total	10,061	9,738	11,511	9,756	10,214	9,883	11,346	9,765	10,043	9,716	11,486	9,716	10,269	10,303	10,243

- = no data available

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

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

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

Regions refer to U.S. Census divisions.

See "Census division" in EIA's Energy Glossary (<http://www.eia.doe.gov/glossary/index.html>) for a list of States in each region.**Historical data:** Latest data available from Energy Information Administration databases supporting the following reports: *Electric Power Monthly*, DOE/EIA-0226; and *Electric Power Annual*, DOE/EIA-0348.

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

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

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

Energy Information Administration/Short-Term Energy Outlook - December 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	17.6	17.6	18.1	18.3	18.1	16.5	17.4	18.0
Middle Atlantic	12.9	14.3	14.9	13.9	13.7	15.2	16.5	14.7	14.3	15.8	16.9	15.6	14.0	15.1	15.7
E. N. Central	9.1	10.1	10.1	9.8	9.5	10.7	10.8	10.1	10.0	11.3	11.5	10.9	9.8	10.2	10.9
W. N. Central	7.4	8.6	8.9	7.9	7.6	9.0	9.5	8.3	8.0	9.4	9.9	8.7	8.2	8.6	9.0
S. Atlantic	9.3	10.1	10.4	10.1	9.9	10.7	11.3	10.8	10.7	11.6	11.9	11.2	10.0	10.7	11.4
E. S. Central	7.8	8.5	8.4	8.5	8.2	9.2	9.6	9.1	8.6	9.5	9.6	9.2	8.3	9.0	9.2
W. S. Central	10.8	11.5	11.4	11.0	10.5	12.0	12.7	11.8	11.0	12.3	12.8	11.9	11.2	11.8	12.1
Mountain	8.5	9.5	9.8	9.1	8.9	10.1	10.5	9.6	9.4	10.6	10.7	9.9	9.3	9.8	10.2
Pacific	11.1	11.8	12.9	11.3	11.3	11.7	12.9	11.5	11.6	12.6	13.5	12.0	11.8	11.9	12.4
U.S. Average	10.0	10.8	11.0	10.6	10.3	11.4	12.0	11.2	10.9	12.1	12.4	11.7	10.6	11.3	11.8
Commercial Sector															
New England	14.9	14.5	14.9	14.2	14.7	15.5	16.1	15.4	15.6	16.0	16.7	16.1	14.6	15.4	16.1
Middle Atlantic	12.3	13.1	14.1	13.0	12.9	14.2	15.8	14.0	14.0	15.0	16.5	15.0	13.1	14.3	15.2
E. N. Central	8.3	8.8	8.7	8.7	8.8	8.9	8.9	8.9	9.1	9.5	9.7	9.5	8.6	8.9	9.5
W. N. Central	6.2	6.9	7.3	6.4	6.4	7.3	7.8	6.7	6.9	7.7	8.1	7.0	6.7	7.1	7.5
S. Atlantic	8.5	8.6	8.8	8.7	8.8	9.1	9.8	9.6	9.6	9.8	10.0	9.9	8.6	9.3	9.8
E. S. Central	7.8	8.1	8.0	8.1	8.2	8.7	9.2	9.0	8.9	9.2	9.2	9.1	8.0	8.8	9.1
W. S. Central	9.2	9.4	9.5	9.4	9.4	10.3	10.9	10.1	9.9	10.4	10.6	10.1	9.4	10.2	10.3
Mountain	7.4	7.8	7.9	7.8	7.7	8.6	8.9	8.3	8.4	9.0	9.2	8.7	7.7	8.4	8.9
Pacific	10.1	11.1	12.4	10.8	10.0	11.4	12.7	10.9	10.9	11.9	13.3	11.6	11.2	11.3	12.0
U.S. Average	9.3	9.7	10.0	9.6	9.6	10.3	11.0	10.3	10.3	10.8	11.3	10.7	9.7	10.3	10.8
Industrial Sector															
New England	12.7	12.2	12.3	12.7	12.8	13.2	13.9	13.5	13.9	13.8	14.2	14.1	12.5	13.3	14.0
Middle Atlantic	7.8	8.1	8.4	7.9	8.0	8.6	8.8	8.4	8.6	8.8	9.3	8.8	8.1	8.4	8.9
E. N. Central	5.8	5.7	6.0	5.7	5.9	6.3	6.7	6.1	6.2	6.4	6.7	6.4	5.8	6.2	6.4
W. N. Central	4.8	5.2	5.5	4.8	4.9	5.3	5.9	5.1	5.3	5.7	6.1	5.3	5.1	5.3	5.6
S. Atlantic	5.3	5.5	6.1	5.7	5.8	6.1	6.8	6.1	5.9	6.2	6.9	6.4	5.6	6.2	6.3
E. S. Central	4.8	5.2	5.4	5.1	5.0	5.6	6.3	5.4	5.2	5.8	6.4	5.6	5.1	5.6	5.7
W. S. Central	7.0	7.1	7.1	7.0	7.3	8.3	9.0	7.7	7.9	8.3	8.6	8.3	7.1	8.1	8.3
Mountain	5.4	5.6	6.2	5.6	5.6	6.1	6.7	5.9	6.1	6.5	6.9	6.2	5.7	6.1	6.4
Pacific	7.4	7.7	8.5	7.9	7.5	7.9	8.8	8.1	7.9	8.3	9.0	8.3	7.9	8.1	8.4
U.S. Average	6.1	6.3	6.7	6.3	6.4	7.0	7.6	6.8	6.8	7.1	7.6	7.1	6.4	6.9	7.2
All Sectors (a)															
New England	15.3	14.8	15.0	14.6	15.1	15.7	16.4	15.8	16.1	16.3	16.8	16.4	14.9	15.8	16.4
Middle Atlantic	11.7	12.5	13.3	12.2	12.2	13.3	14.8	13.1	13.1	13.9	15.3	13.9	12.5	13.4	14.1
E. N. Central	7.7	8.0	8.3	7.9	8.0	8.5	8.8	8.3	8.4	8.9	9.3	8.8	8.0	8.4	8.9
W. N. Central	6.2	6.9	7.4	6.4	6.4	7.2	7.9	6.8	6.8	7.6	8.2	7.1	6.8	7.1	7.5
S. Atlantic	8.3	8.5	9.1	8.6	8.7	9.1	10.0	9.4	9.5	9.8	10.4	9.8	8.6	9.3	9.9
E. S. Central	6.6	7.0	7.3	6.9	6.9	7.6	8.3	7.5	7.3	7.8	8.3	7.6	7.0	7.6	7.8
W. S. Central	9.2	9.4	9.6	9.2	9.1	10.2	11.1	9.9	9.7	10.4	11.0	10.2	9.4	10.2	10.4
Mountain	7.2	7.7	8.2	7.6	7.5	8.3	8.9	8.0	8.1	8.7	9.2	8.4	7.7	8.2	8.6
Pacific	10.0	10.6	11.8	10.4	10.0	10.7	12.0	10.5	10.6	11.4	12.5	11.1	10.7	10.8	11.4
U.S. Average	8.7	9.1	9.6	9.0	9.0	9.7	10.5	9.6	9.6	10.2	10.9	10.1	9.1	9.8	10.2

- = 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 - December 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	5.163	5.750	<i>5.360</i>	<i>5.429</i>	<i>5.067</i>	<i>5.806</i>	<i>5.341</i>	5.485	<i>5.459</i>	<i>5.412</i>
Natural Gas	1.722	2.084	3.092	2.009	1.899	2.061	2.761	<i>1.924</i>	<i>1.749</i>	<i>2.067</i>	<i>2.951</i>	<i>1.904</i>	2.230	<i>2.162</i>	<i>2.171</i>
Other Gases	0.011	0.010	0.011	0.010	0.016	0.015	0.014	<i>0.011</i>	<i>0.011</i>	<i>0.011</i>	<i>0.011</i>	<i>0.010</i>	0.011	<i>0.014</i>	<i>0.011</i>
Petroleum	0.212	0.160	0.183	0.119	0.115	0.119	0.124	<i>0.150</i>	<i>0.180</i>	<i>0.154</i>	<i>0.188</i>	<i>0.162</i>	0.168	<i>0.127</i>	<i>0.171</i>
Residual Fuel Oil	0.136	0.098	0.117	0.064	0.053	0.065	0.071	<i>0.081</i>	<i>0.101</i>	<i>0.080</i>	<i>0.099</i>	<i>0.062</i>	0.104	<i>0.068</i>	<i>0.086</i>
Distillate Fuel Oil	0.029	0.018	0.023	0.017	0.022	0.018	0.016	<i>0.019</i>	<i>0.024</i>	<i>0.019</i>	<i>0.020</i>	<i>0.020</i>	0.022	<i>0.019</i>	<i>0.021</i>
Petroleum Coke	0.040	0.040	0.039	0.035	0.035	0.032	0.034	<i>0.047</i>	<i>0.051</i>	<i>0.052</i>	<i>0.067</i>	<i>0.077</i>	0.038	<i>0.037</i>	<i>0.062</i>
Other Petroleum	0.006	0.004	0.005	0.003	0.004	0.003	0.003	<i>0.003</i>	<i>0.004</i>	<i>0.002</i>	<i>0.003</i>	<i>0.002</i>	0.004	<i>0.003</i>	<i>0.003</i>
Nuclear	2.262	2.102	2.316	2.159	2.201	2.114	2.324	<i>2.139</i>	<i>2.235</i>	<i>2.164</i>	<i>2.303</i>	<i>2.138</i>	2.210	<i>2.195</i>	<i>2.210</i>
Pumped Storage Hydroelectric	-0.016	-0.016	-0.022	-0.023	-0.018	-0.012	-0.022	<i>-0.020</i>	<i>-0.018</i>	<i>-0.016</i>	<i>-0.019</i>	<i>-0.017</i>	-0.019	<i>-0.018</i>	<i>-0.017</i>
Other Fuels (b)	0.019	0.020	0.020	0.019	0.019	0.022	0.019	<i>0.020</i>	<i>0.022</i>	<i>0.022</i>	<i>0.024</i>	<i>0.022</i>	0.020	<i>0.020</i>	<i>0.022</i>
Renewables:															
Conventional Hydroelectric	0.761	0.791	0.618	0.529	0.710	0.885	0.681	<i>0.576</i>	<i>0.714</i>	<i>0.805</i>	<i>0.675</i>	<i>0.594</i>	0.674	<i>0.713</i>	<i>0.697</i>
Geothermal	0.041	0.039	0.041	0.041	0.038	0.041	0.040	<i>0.041</i>	<i>0.043</i>	<i>0.042</i>	<i>0.043</i>	<i>0.043</i>	0.041	<i>0.040</i>	<i>0.043</i>
Solar	0.001	0.002	0.002	0.001	0.001	0.003	0.003	<i>0.001</i>	<i>0.001</i>	<i>0.003</i>	<i>0.003</i>	<i>0.001</i>	0.002	<i>0.002</i>	<i>0.002</i>
Wind	0.090	0.093	0.076	0.094	0.122	0.146	0.089	<i>0.102</i>	<i>0.130</i>	<i>0.159</i>	<i>0.120</i>	<i>0.121</i>	0.088	<i>0.115</i>	<i>0.133</i>
Wood and Wood Waste	0.030	0.026	0.029	0.028	0.030	0.026	0.031	<i>0.030</i>	<i>0.031</i>	<i>0.028</i>	<i>0.032</i>	<i>0.030</i>	0.028	<i>0.029</i>	<i>0.030</i>
Other Renewables	0.041	0.039	0.041	0.039	0.038	0.041	0.038	<i>0.039</i>	<i>0.040</i>	<i>0.042</i>	<i>0.044</i>	<i>0.043</i>	0.040	<i>0.039</i>	<i>0.042</i>
Subtotal Electric Power Sector	10.670	10.558	12.290	10.378	10.733	10.625	11.851	<i>10.374</i>	<i>10.568</i>	<i>10.547</i>	<i>12.183</i>	<i>10.392</i>	10.977	<i>10.897</i>	<i>10.925</i>
Commercial Sector (c)															
Coal	0.004	0.003	0.004	0.004	0.005	0.004	0.004	<i>0.003</i>	<i>0.004</i>	<i>0.003</i>	<i>0.003</i>	<i>0.003</i>	0.004	<i>0.004</i>	<i>0.003</i>
Natural Gas	0.012	0.012	0.013	0.012	0.013	0.011	0.012	<i>0.011</i>	<i>0.013</i>	<i>0.011</i>	<i>0.013</i>	<i>0.012</i>	0.012	<i>0.012</i>	<i>0.012</i>
Petroleum	0.001	0.000	0.000	0.000	0.000	0.000	0.000	<i>0.000</i>	<i>0.001</i>	<i>0.001</i>	<i>0.001</i>	<i>0.001</i>	0.001	<i>0.000</i>	<i>0.001</i>
Other Fuels (b)	0.002	0.002	0.002	0.002	0.002	0.002	0.002	<i>0.002</i>	<i>0.002</i>	<i>0.002</i>	<i>0.002</i>	<i>0.002</i>	0.002	<i>0.002</i>	<i>0.002</i>
Renewables (d)	0.004	0.004	0.005	0.005	0.004	0.005	0.005	<i>0.004</i>	<i>0.004</i>	<i>0.005</i>	<i>0.005</i>	<i>0.005</i>	0.004	<i>0.004</i>	<i>0.005</i>
Subtotal Commercial Sector	0.023	0.023	0.024	0.023	0.024	0.023	0.023	<i>0.021</i>	<i>0.023</i>	<i>0.022</i>	<i>0.024</i>	<i>0.023</i>	0.023	<i>0.023</i>	<i>0.023</i>
Industrial Sector (c)															
Coal	0.048	0.047	0.049	0.045	0.046	0.048	0.049	<i>0.047</i>	<i>0.046</i>	<i>0.044</i>	<i>0.047</i>	<i>0.046</i>	0.047	<i>0.048</i>	<i>0.046</i>
Natural Gas	0.201	0.194	0.216	0.209	0.208	0.195	0.207	<i>0.206</i>	<i>0.222</i>	<i>0.215</i>	<i>0.237</i>	<i>0.217</i>	0.205	<i>0.204</i>	<i>0.223</i>
Other Gases	0.032	0.034	0.032	0.028	0.028	0.030	0.031	<i>0.028</i>	<i>0.030</i>	<i>0.032</i>	<i>0.035</i>	<i>0.029</i>	0.032	<i>0.029</i>	<i>0.032</i>
Petroleum	0.013	0.012	0.010	0.010	0.008	0.007	0.007	<i>0.010</i>	<i>0.011</i>	<i>0.010</i>	<i>0.011</i>	<i>0.012</i>	0.011	<i>0.008</i>	<i>0.011</i>
Other Fuels (b)	0.016	0.017	0.016	0.016	0.009	0.008	0.007	<i>0.016</i>	<i>0.010</i>	<i>0.009</i>	<i>0.008</i>	<i>0.016</i>	0.016	<i>0.010</i>	<i>0.011</i>
Renewables:															
Conventional Hydroelectric	0.009	0.007	0.005	0.004	0.009	0.006	0.003	<i>0.004</i>	<i>0.010</i>	<i>0.007</i>	<i>0.003</i>	<i>0.004</i>	0.006	<i>0.006</i>	<i>0.006</i>
Wood and Wood Waste	0.075	0.076	0.079	0.078	0.075	0.074	0.075	<i>0.078</i>	<i>0.080</i>	<i>0.080</i>	<i>0.085</i>	<i>0.081</i>	0.077	<i>0.076</i>	<i>0.081</i>
Other Renewables (e)	0.002	0.002	0.002	0.002	0.002	0.002	0.002	<i>0.002</i>	<i>0.002</i>	<i>0.002</i>	<i>0.002</i>	<i>0.002</i>	0.002	<i>0.002</i>	<i>0.002</i>
Subtotal Industrial Sector	0.395	0.388	0.409	0.391	0.385	0.371	0.382	<i>0.391</i>	<i>0.411</i>	<i>0.399</i>	<i>0.427</i>	<i>0.408</i>	0.396	<i>0.382</i>	<i>0.412</i>
Total All Sectors	11.089	10.968	12.723	10.792	11.142	11.020	12.256	<i>10.786</i>	<i>11.002</i>	<i>10.969</i>	<i>12.634</i>	<i>10.823</i>	11.396	<i>11.302</i>	<i>11.360</i>

- = no data available

(a) Electric utilities and independent power producers.

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

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

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

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

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

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

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

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

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

Table 7e. U.S. Fuel Consumption for Electricity Generation by Sector
 Energy Information Administration/Short-Term Energy Outlook - December 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	2.72	3.01	<i>2.82</i>	<i>2.86</i>	<i>2.68</i>	<i>3.09</i>	<i>2.83</i>	2.86	<i>2.86</i>	<i>2.86</i>
Natural Gas (bcf/d)	13.97	17.20	25.92	16.50	14.78	16.76	22.45	<i>15.44</i>	<i>13.95</i>	<i>16.83</i>	<i>24.21</i>	<i>15.27</i>	18.43	<i>17.37</i>	<i>17.59</i>
Petroleum (mmb/d) (b)	0.37	0.29	0.33	0.22	0.21	0.22	0.22	<i>0.27</i>	<i>0.32</i>	<i>0.28</i>	<i>0.35</i>	<i>0.30</i>	0.30	<i>0.23</i>	<i>0.31</i>
Residual Fuel Oil (mmb/d)	0.23	0.16	0.20	0.11	0.09	0.11	0.12	<i>0.14</i>	<i>0.17</i>	<i>0.14</i>	<i>0.17</i>	<i>0.11</i>	0.17	<i>0.11</i>	<i>0.14</i>
Distillate Fuel Oil (mmb/d)	0.06	0.04	0.05	0.03	0.04	0.03	0.03	<i>0.04</i>	<i>0.05</i>	<i>0.04</i>	<i>0.04</i>	<i>0.04</i>	0.04	<i>0.04</i>	<i>0.04</i>
Petroleum Coke (mmst/d)	0.08	0.08	0.08	0.07	0.07	0.07	0.07	<i>0.09</i>	<i>0.10</i>	<i>0.10</i>	<i>0.13</i>	<i>0.16</i>	0.08	<i>0.07</i>	<i>0.12</i>
Other Petroleum (mmb/d)	0.01	0.01	0.01	0.01	0.01	0.01	0.00	<i>0.00</i>	<i>0.01</i>	<i>0.00</i>	<i>0.01</i>	<i>0.00</i>	0.01	<i>0.01</i>	<i>0.01</i>
Commercial Sector (c)															
Coal (mmst/d)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	0.00	<i>0.00</i>	<i>0.00</i>
Natural Gas (bcf/d)	0.13	0.13	0.15	0.13	0.11	0.09	0.10	<i>0.12</i>	<i>0.14</i>	<i>0.12</i>	<i>0.14</i>	<i>0.13</i>	0.14	<i>0.11</i>	<i>0.14</i>
Petroleum (mmb/d) (b)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	0.00	<i>0.00</i>	<i>0.00</i>
Industrial Sector (c)															
Coal (mmst/d)	0.02	0.02	0.02	0.02	0.02	0.02	0.02	<i>0.02</i>	<i>0.02</i>	<i>0.02</i>	<i>0.02</i>	<i>0.02</i>	0.02	<i>0.02</i>	<i>0.02</i>
Natural Gas (bcf/d)	1.97	1.90	2.12	2.03	1.59	1.51	1.57	<i>1.97</i>	<i>2.21</i>	<i>2.13</i>	<i>2.34</i>	<i>2.14</i>	2.01	<i>1.66</i>	<i>2.21</i>
Petroleum (mmb/d) (b)	0.02	0.02	0.02	0.02	0.01	0.01	0.01	<i>0.02</i>	<i>0.02</i>	<i>0.02</i>	<i>0.02</i>	<i>0.02</i>	0.02	<i>0.01</i>	<i>0.02</i>
Total All Sectors															
Coal (mmst/d)	2.88	2.73	3.11	2.82	2.90	2.74	3.04	<i>2.84</i>	<i>2.88</i>	<i>2.70</i>	<i>3.11</i>	<i>2.86</i>	2.89	<i>2.88</i>	<i>2.89</i>
Natural Gas (bcf/d)	16.07	19.24	28.18	18.67	16.49	18.36	24.12	<i>17.52</i>	<i>16.30</i>	<i>19.09</i>	<i>26.69</i>	<i>17.54</i>	20.57	<i>19.13</i>	<i>19.93</i>
Petroleum (mmb/d) (b)	0.40	0.31	0.35	0.24	0.22	0.23	0.23	<i>0.29</i>	<i>0.35</i>	<i>0.30</i>	<i>0.37</i>	<i>0.33</i>	0.32	<i>0.24</i>	<i>0.34</i>
End-of-period Fuel Inventories Held by Electric Power Sector															
Coal (mmst)	143.0	156.4	143.9	151.1	147.0	154.0	147.1	<i>158.9</i>	<i>157.9</i>	<i>162.3</i>	<i>144.6</i>	<i>160.6</i>	151.1	<i>158.9</i>	<i>160.6</i>
Residual Fuel Oil (mmb)	23.1	26.2	25.0	24.1	22.9	23.9	22.3	<i>25.7</i>	<i>25.5</i>	<i>27.7</i>	<i>26.2</i>	<i>27.5</i>	24.1	<i>25.7</i>	<i>27.5</i>
Distillate Fuel Oil (mmb)	16.9	16.9	17.2	17.6	16.9	15.7	15.4	<i>16.1</i>	<i>15.5</i>	<i>15.5</i>	<i>15.6</i>	<i>16.2</i>	17.6	<i>16.1</i>	<i>16.2</i>
Petroleum Coke (mmb)	3.2	2.8	2.7	2.7	3.4	3.8	3.8	<i>5.5</i>	<i>5.7</i>	<i>5.6</i>	<i>5.7</i>	<i>5.7</i>	2.7	<i>5.5</i>	<i>5.7</i>

- = no data available

(a) Electric utilities and independent power producers.

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

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

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

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

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

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

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

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

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

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

	2007				2008				2009				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2007	2008	2009
Supply															
Hydroelectric Power (a)	0.686	0.719	0.567	0.485	0.648	0.803	0.623	<i>0.530</i>	<i>0.646</i>	<i>0.733</i>	<i>0.619</i>	<i>0.546</i>	2.456	<i>2.604</i>	<i>2.544</i>
Geothermal	0.088	0.086	0.089	0.090	0.085	0.090	0.091	<i>0.091</i>	<i>0.095</i>	<i>0.093</i>	<i>0.096</i>	<i>0.095</i>	0.353	<i>0.357</i>	<i>0.379</i>
Solar	0.019	0.021	0.021	0.019	0.022	0.024	0.023	<i>0.021</i>	<i>0.024</i>	<i>0.025</i>	<i>0.025</i>	<i>0.023</i>	0.080	<i>0.090</i>	<i>0.098</i>
Wind	0.080	0.084	0.070	0.086	0.110	0.132	0.081	<i>0.093</i>	<i>0.116</i>	<i>0.144</i>	<i>0.109</i>	<i>0.111</i>	0.319	<i>0.416</i>	<i>0.480</i>
Wood	0.514	0.504	0.544	0.603	0.475	0.444	0.431	<i>0.493</i>	<i>0.473</i>	<i>0.467</i>	<i>0.501</i>	<i>0.490</i>	2.165	<i>1.842</i>	<i>1.932</i>
Biofuels and Biomass	0.121	0.130	0.142	0.156	0.171	0.187	0.206	<i>0.212</i>	<i>0.211</i>	<i>0.215</i>	<i>0.219</i>	<i>0.222</i>	0.549	<i>0.776</i>	<i>0.866</i>
Other Renewables	0.107	0.101	0.111	0.112	0.089	0.091	0.086	<i>0.092</i>	<i>0.090</i>	<i>0.098</i>	<i>0.102</i>	<i>0.096</i>	0.431	<i>0.358</i>	<i>0.385</i>
Total	1.631	1.660	1.560	1.566	1.616	1.787	1.601	<i>1.548</i>	<i>1.672</i>	<i>1.791</i>	<i>1.688</i>	<i>1.600</i>	6.417	<i>6.552</i>	<i>6.751</i>
Consumption															
Electric Power Sector															
Hydroelectric Power (a)	0.679	0.714	0.564	0.483	0.641	0.799	0.621	<i>0.526</i>	<i>0.637</i>	<i>0.726</i>	<i>0.616</i>	<i>0.542</i>	2.440	<i>2.587</i>	<i>2.522</i>
Geothermal	0.078	0.075	0.079	0.079	0.073	0.078	0.080	<i>0.080</i>	<i>0.082</i>	<i>0.079</i>	<i>0.083</i>	<i>0.082</i>	0.312	<i>0.311</i>	<i>0.327</i>
Solar	0.001	0.002	0.002	0.001	0.001	0.003	0.003	<i>0.001</i>	<i>0.001</i>	<i>0.003</i>	<i>0.002</i>	<i>0.001</i>	0.006	<i>0.008</i>	<i>0.006</i>
Wind	0.080	0.084	0.070	0.086	0.110	0.132	0.081	<i>0.093</i>	<i>0.116</i>	<i>0.144</i>	<i>0.109</i>	<i>0.111</i>	0.319	<i>0.416</i>	<i>0.480</i>
Wood	0.048	0.044	0.046	0.045	0.049	0.041	0.047	<i>0.048</i>	<i>0.047</i>	<i>0.043</i>	<i>0.050</i>	<i>0.048</i>	0.184	<i>0.185</i>	<i>0.189</i>
Other Renewables	0.061	0.059	0.062	0.060	0.056	0.059	0.058	<i>0.059</i>	<i>0.059</i>	<i>0.062</i>	<i>0.067</i>	<i>0.064</i>	0.243	<i>0.233</i>	<i>0.253</i>
Subtotal	0.948	0.979	0.823	0.754	0.931	1.112	0.902	<i>0.807</i>	<i>0.943</i>	<i>1.057</i>	<i>0.928</i>	<i>0.848</i>	3.503	<i>3.752</i>	<i>3.776</i>
Industrial Sector															
Hydroelectric Power (a)	0.006	0.004	0.003	0.002	0.006	0.004	0.002	<i>0.004</i>	<i>0.009</i>	<i>0.006</i>	<i>0.003</i>	<i>0.004</i>	0.016	<i>0.015</i>	<i>0.022</i>
Geothermal	0.001	0.001	0.001	0.001	0.001	0.001	0.001	<i>0.001</i>	<i>0.001</i>	<i>0.001</i>	<i>0.001</i>	<i>0.001</i>	0.005	<i>0.005</i>	<i>0.005</i>
Wood and Wood Waste	0.335	0.330	0.368	0.424	0.314	0.290	0.270	<i>0.328</i>	<i>0.311</i>	<i>0.309</i>	<i>0.335</i>	<i>0.324</i>	1.457	<i>1.202</i>	<i>1.280</i>
Other Renewables	0.036	0.033	0.040	0.043	0.025	0.024	0.020	<i>0.025</i>	<i>0.025</i>	<i>0.027</i>	<i>0.027</i>	<i>0.024</i>	0.151	<i>0.095</i>	<i>0.103</i>
Subtotal	0.477	0.466	0.510	0.569	0.471	0.443	0.445	<i>0.482</i>	<i>0.503</i>	<i>0.501</i>	<i>0.523</i>	<i>0.511</i>	2.021	<i>1.842</i>	<i>2.038</i>
Commercial Sector															
Hydroelectric Power (a)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	<i>0.000</i>	<i>0.000</i>	<i>0.000</i>	<i>0.000</i>	<i>0.000</i>	0.001	<i>0.001</i>	<i>0.001</i>
Geothermal	0.004	0.004	0.004	0.004	0.004	0.004	0.004	<i>0.004</i>	<i>0.004</i>	<i>0.004</i>	<i>0.004</i>	<i>0.004</i>	0.014	<i>0.015</i>	<i>0.015</i>
Wood and Wood Waste	0.015	0.016	0.015	0.018	0.005	0.005	0.005	<i>0.009</i>	<i>0.005</i>	<i>0.005</i>	<i>0.006</i>	<i>0.008</i>	0.065	<i>0.023</i>	<i>0.025</i>
Other Renewables	0.010	0.009	0.010	0.010	0.007	0.008	0.007	<i>0.007</i>	<i>0.006</i>	<i>0.008</i>	<i>0.008</i>	<i>0.008</i>	0.037	<i>0.029</i>	<i>0.030</i>
Subtotal	0.029	0.029	0.029	0.032	0.016	0.017	0.018	<i>0.020</i>	<i>0.016</i>	<i>0.018</i>	<i>0.019</i>	<i>0.020</i>	0.119	<i>0.071</i>	<i>0.073</i>
Residential Sector															
Geothermal	0.006	0.006	0.006	0.006	0.007	0.007	0.007	<i>0.007</i>	<i>0.008</i>	<i>0.008</i>	<i>0.008</i>	<i>0.008</i>	0.022	<i>0.026</i>	<i>0.032</i>
Wood	0.115	0.115	0.115	0.115	0.108	0.108	0.108	<i>0.108</i>	<i>0.110</i>	<i>0.110</i>	<i>0.110</i>	<i>0.110</i>	0.460	<i>0.433</i>	<i>0.438</i>
Solar	0.019	0.019	0.019	0.019	0.021	0.021	0.021	<i>0.021</i>	<i>0.023</i>	<i>0.023</i>	<i>0.023</i>	<i>0.023</i>	0.074	<i>0.082</i>	<i>0.091</i>
Subtotal	0.139	0.139	0.139	0.139	0.135	0.135	0.135	<i>0.135</i>	<i>0.140</i>	<i>0.140</i>	<i>0.140</i>	<i>0.140</i>	0.556	<i>0.541</i>	<i>0.561</i>
Transportation Sector															
Biofuels (b)	0.148	0.152	0.162	0.181	0.189	0.215	0.230	<i>0.236</i>	<i>0.229</i>	<i>0.234</i>	<i>0.237</i>	<i>0.243</i>	0.643	<i>0.870</i>	<i>0.943</i>
Total Consumption	1.741	1.764	1.663	1.674	1.742	1.922	1.731	<i>1.681</i>	<i>1.831</i>	<i>1.950</i>	<i>1.848</i>	<i>1.762</i>	6.842	<i>7.076</i>	<i>7.391</i>

- = 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 - December 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	11,727	11,720	<i>11,614</i>	<i>11,535</i>	<i>11,509</i>	<i>11,508</i>	<i>11,533</i>	11,524	<i>11,677</i>	<i>11,521</i>
Real Disposable Personal Income															
(billion chained 2000 Dollars - SAAR)	8,618	8,605	8,671	8,683	8,668	8,915	8,715	<i>8,800</i>	<i>9,092</i>	<i>8,948</i>	<i>8,963</i>	<i>8,960</i>	8,644	<i>8,774</i>	<i>8,991</i>
Real Fixed Investment															
(billion chained 2000 dollars-SAAR)	1,808	1,821	1,817	1,788	1,762	1,755	1,730	<i>1,668</i>	<i>1,578</i>	<i>1,510</i>	<i>1,457</i>	<i>1,459</i>	1,809	<i>1,729</i>	<i>1,501</i>
Business Inventory Change															
(billion chained 2000 dollars-SAAR)	-7.15	-7.69	-2.21	2.91	13.75	-25.98	-24.84	<i>-43.22</i>	<i>-44.82</i>	<i>-42.15</i>	<i>-35.14</i>	<i>-23.57</i>	-3.54	<i>-20.07</i>	<i>-36.42</i>
Housing Stock															
(millions)	122.2	122.5	122.7	122.9	123.1	123.2	123.3	<i>123.4</i>	<i>123.5</i>	<i>123.6</i>	<i>123.6</i>	<i>123.6</i>	122.9	<i>123.4</i>	<i>123.6</i>
Non-Farm Employment															
(millions)	137.2	137.5	137.8	138.0	137.9	137.7	137.4	<i>136.8</i>	<i>136.1</i>	<i>135.4</i>	<i>135.0</i>	<i>134.8</i>	137.6	<i>137.5</i>	<i>135.3</i>
Commercial Employment															
(millions)	90.9	91.3	91.6	91.9	92.0	91.9	91.8	<i>91.4</i>	<i>91.0</i>	<i>90.9</i>	<i>90.9</i>	<i>91.1</i>	91.4	<i>91.8</i>	<i>91.0</i>
Industrial Production Indices (Index, 2002=100)															
Total Industrial Production	110.2	111.1	112.1	112.2	112.3	111.4	109.7	<i>108.4</i>	<i>107.1</i>	<i>106.0</i>	<i>105.6</i>	<i>105.4</i>	111.4	<i>110.4</i>	<i>106.0</i>
Manufacturing	112.6	113.9	115.1	115.0	114.8	113.8	112.1	<i>110.0</i>	<i>107.8</i>	<i>106.5</i>	<i>106.0</i>	<i>105.9</i>	114.2	<i>112.6</i>	<i>106.5</i>
Food	108.0	109.5	111.2	111.5	112.6	112.7	111.7	<i>110.6</i>	<i>109.8</i>	<i>109.7</i>	<i>109.8</i>	<i>110.0</i>	110.1	<i>111.9</i>	<i>109.8</i>
Paper	96.3	95.9	95.5	95.6	94.9	94.9	93.8	<i>90.8</i>	<i>88.1</i>	<i>87.0</i>	<i>86.5</i>	<i>86.4</i>	95.8	<i>93.6</i>	<i>87.0</i>
Chemicals	113.6	114.1	114.6	114.6	113.8	113.5	111.5	<i>109.5</i>	<i>106.6</i>	<i>105.1</i>	<i>104.3</i>	<i>104.4</i>	114.2	<i>112.0</i>	<i>105.1</i>
Petroleum	109.9	108.1	108.4	108.5	110.6	110.5	106.5	<i>107.4</i>	<i>105.8</i>	<i>104.4</i>	<i>104.2</i>	<i>104.4</i>	108.7	<i>108.8</i>	<i>104.7</i>
Stone, Clay, Glass	106.5	107.8	110.0	108.2	105.9	104.7	104.0	<i>98.5</i>	<i>92.1</i>	<i>87.9</i>	<i>85.3</i>	<i>84.2</i>	108.1	<i>103.3</i>	<i>87.4</i>
Primary Metals	108.8	110.1	111.3	111.3	113.9	110.2	110.2	<i>107.1</i>	<i>103.1</i>	<i>99.7</i>	<i>97.9</i>	<i>97.9</i>	110.3	<i>110.3</i>	<i>99.7</i>
Resins and Synthetic Products	107.1	110.8	109.0	108.5	104.9	105.4	99.6	<i>99.8</i>	<i>95.8</i>	<i>93.0</i>	<i>91.1</i>	<i>91.1</i>	108.8	<i>102.4</i>	<i>92.8</i>
Agricultural Chemicals	114.1	110.5	112.9	113.2	109.9	110.2	106.6	<i>102.5</i>	<i>101.7</i>	<i>101.5</i>	<i>102.0</i>	<i>103.0</i>	112.7	<i>107.3</i>	<i>102.0</i>
Natural Gas-weighted (a)	108.9	109.5	110.1	110.0	109.5	108.6	106.0	<i>104.1</i>	<i>101.0</i>	<i>99.0</i>	<i>98.0</i>	<i>98.0</i>	109.7	<i>107.1</i>	<i>99.0</i>
Price Indexes															
Consumer Price Index															
(index, 1982-1984=1.00)	2.04	2.07	2.08	2.11	2.13	2.15	2.19	<i>2.16</i>	<i>2.16</i>	<i>2.15</i>	<i>2.16</i>	<i>2.17</i>	2.07	<i>2.16</i>	<i>2.16</i>
Producer Price Index: All Commodities															
(index, 1982=1.00)	1.67	1.72	1.73	1.77	1.85	1.96	2.01	<i>1.83</i>	<i>1.80</i>	<i>1.76</i>	<i>1.76</i>	<i>1.77</i>	1.73	<i>1.91</i>	<i>1.77</i>
Producer Price Index: Petroleum															
(index, 1982=1.00)	1.76	2.21	2.22	2.37	2.58	3.18	3.28	<i>1.84</i>	<i>1.46</i>	<i>1.56</i>	<i>1.59</i>	<i>1.57</i>	2.14	<i>2.72</i>	<i>1.54</i>
GDP Implicit Price Deflator															
(index, 2000=100)	118.9	119.5	120.0	120.8	121.6	122.0	123.2	<i>123.9</i>	<i>124.7</i>	<i>124.5</i>	<i>124.8</i>	<i>125.4</i>	119.8	<i>122.7</i>	<i>124.8</i>
Miscellaneous															
Vehicle Miles Traveled (b)															
(million miles/day)	7,818	8,530	8,439	8,046	7,557	8,226	7,955	<i>7,866</i>	<i>7,473</i>	<i>8,215</i>	<i>8,180</i>	<i>7,840</i>	8,210	<i>7,901</i>	<i>7,929</i>
Air Travel Capacity															
(Available ton-miles/day, thousands)	543	562	570	558	537	543	536	<i>509</i>	<i>489</i>	<i>507</i>	<i>531</i>	<i>504</i>	558	<i>531</i>	<i>508</i>
Aircraft Utilization															
(Revenue ton-miles/day, thousands)	320	347	353	334	321	338	335	<i>303</i>	<i>284</i>	<i>311</i>	<i>331</i>	<i>300</i>	338	<i>324</i>	<i>307</i>
Airline Ticket Price Index															
(index, 1982-1984=100)	242.0	251.8	255.9	257.1	263.5	288.1	305.6	<i>269.8</i>	<i>258.7</i>	<i>277.3</i>	<i>295.3</i>	<i>273.4</i>	251.7	<i>281.8</i>	<i>276.2</i>
Raw Steel Production															
(million short tons per day)	0.279	0.295	0.299	0.297	0.302	0.303	0.298	<i>0.226</i>	<i>0.262</i>	<i>0.271</i>	<i>0.264</i>	<i>0.246</i>	0.293	<i>0.282</i>	<i>0.261</i>

- = no data available

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

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

Notes: The approximate break between historical and forecast values is shown with historical data printed in bold; estimates and forecasts in italics.**Historical data:** Latest data available from U.S. Department of Commerce, Bureau of Economic Analysis; Federal Reserve System, Statistical release G17; Federal Highway Administration; and Federal Aviation Administration.

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

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

