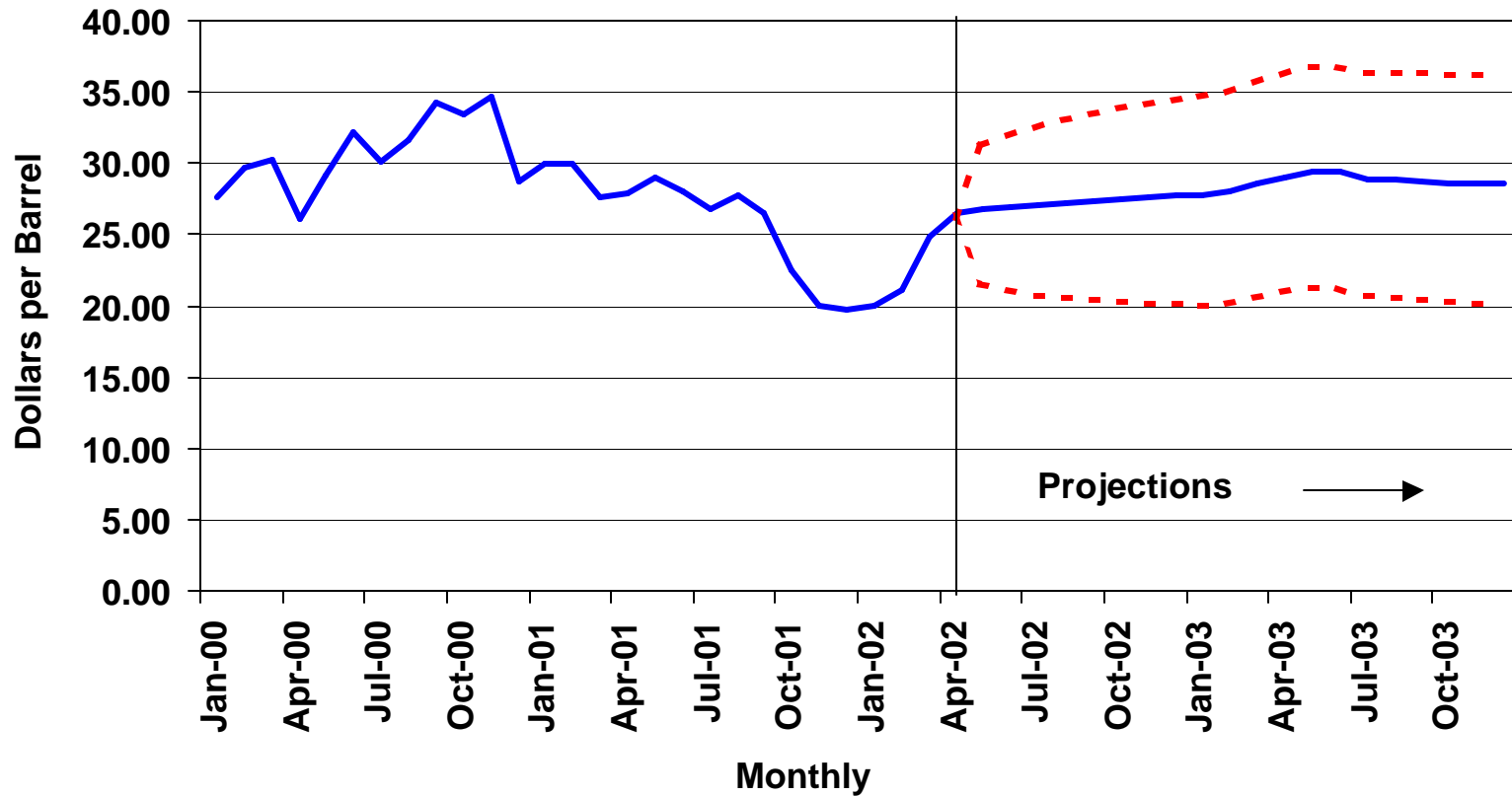




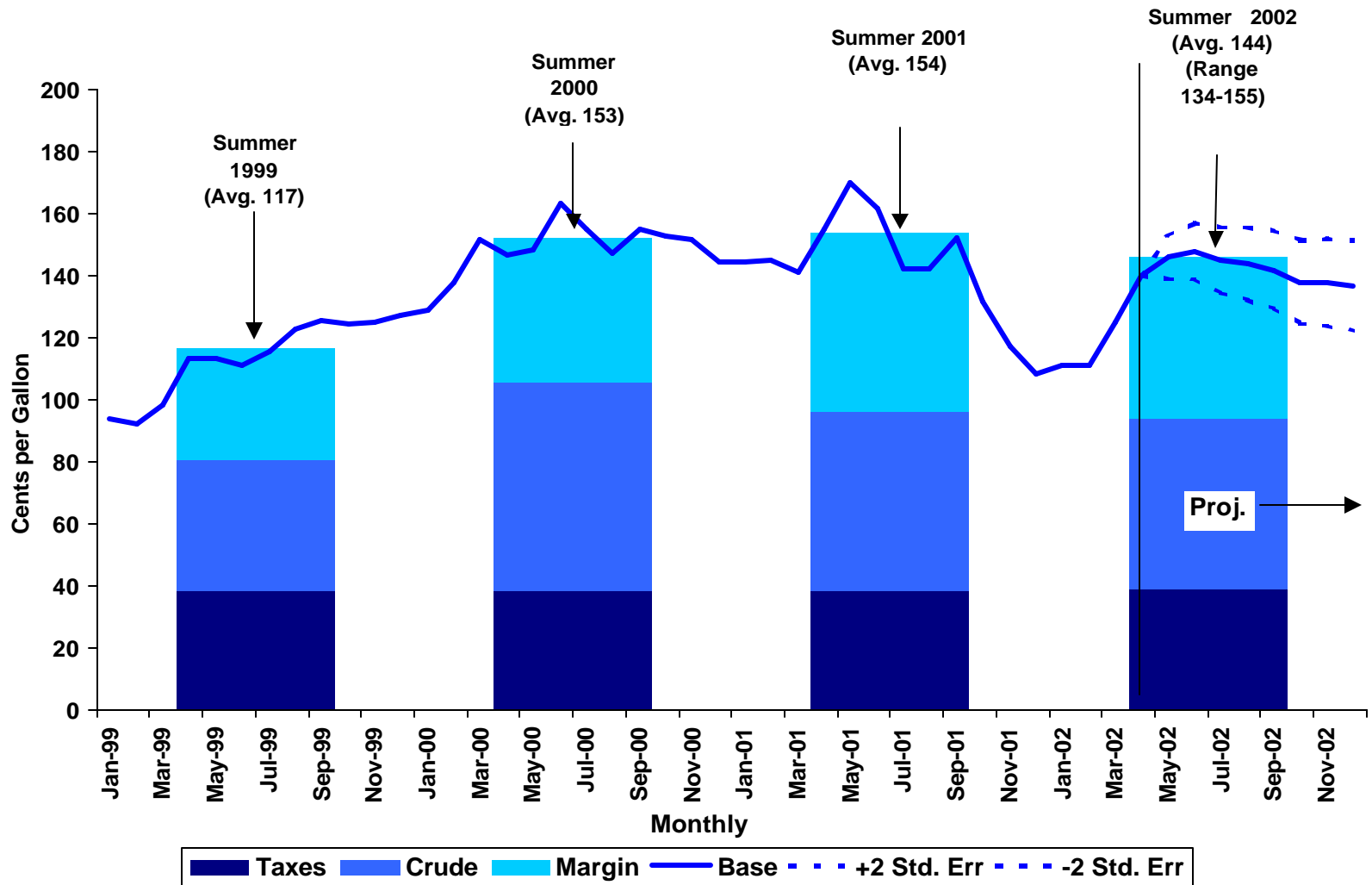
# Figure 1. WTI Crude Oil Price (Base Case and 95% Confidence Interval)



Sources: History: EIA; Projections: Short-Term Energy Outlook, May 2002.



# Figure 2. Retail Gasoline Price Cases\*



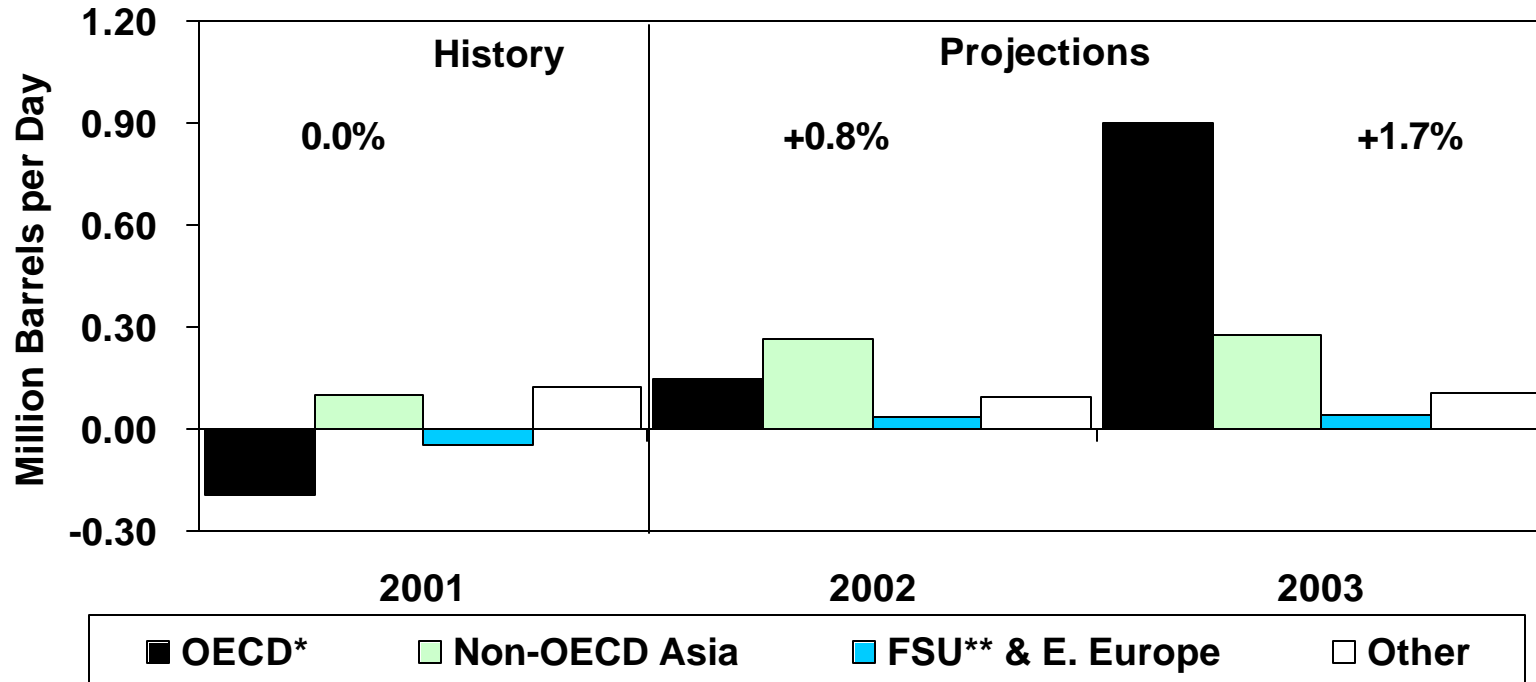
\* Regular gasoline, self-serve cash.

Sources: History: EIA; Projections: Short-Term Energy Outlook, May 2002.





## Figure 3. World Oil Demand Growth (Change from Year Ago)



\* Note: OECD now defined to include the Czech Republic, Hungary, Mexico, Poland and South Korea in EIA's statistics.

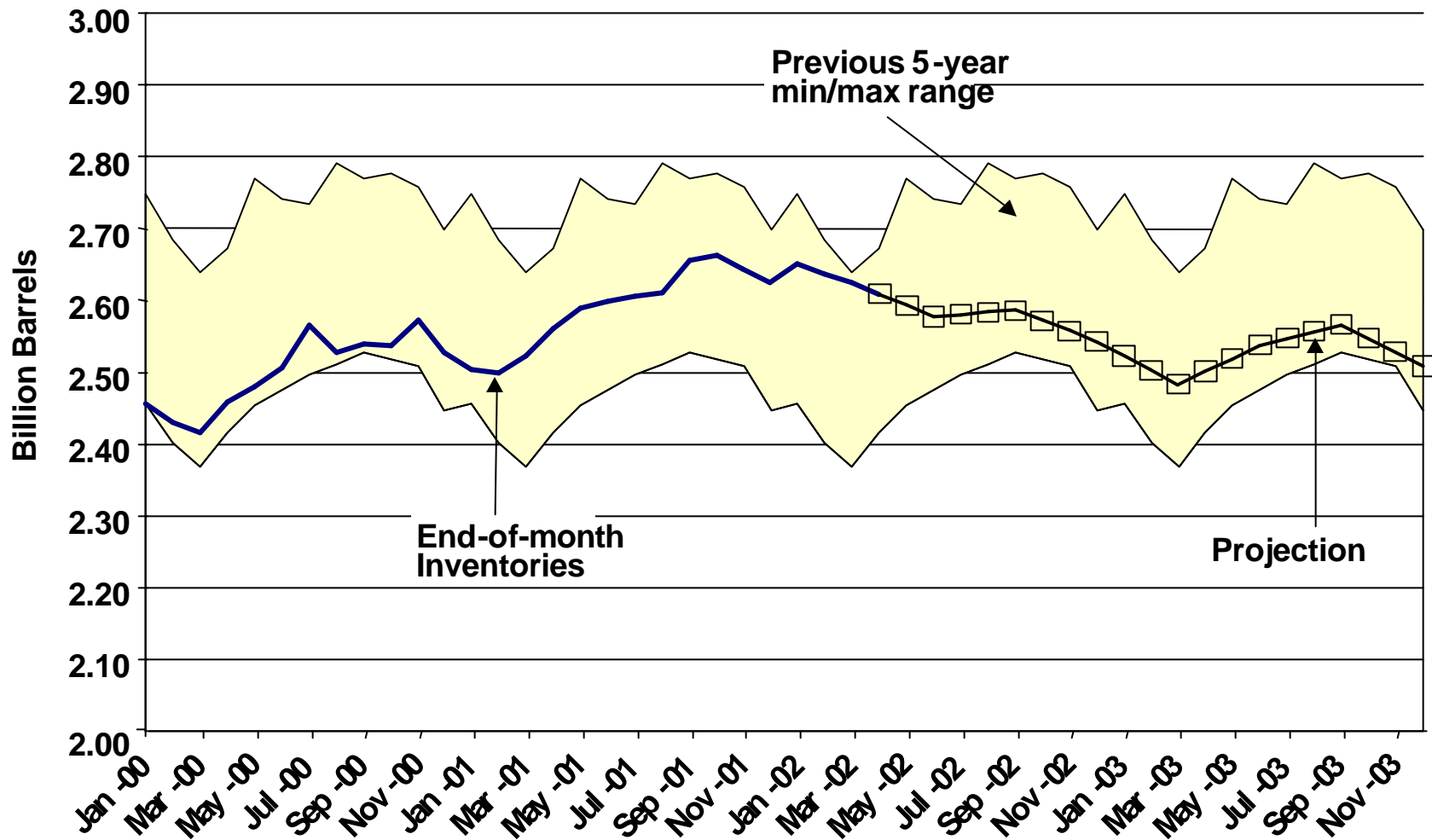
\*\* FSU = Former Soviet Union

Sources: History: EIA; Projections: Short-Term Energy Outlook, May 2002.





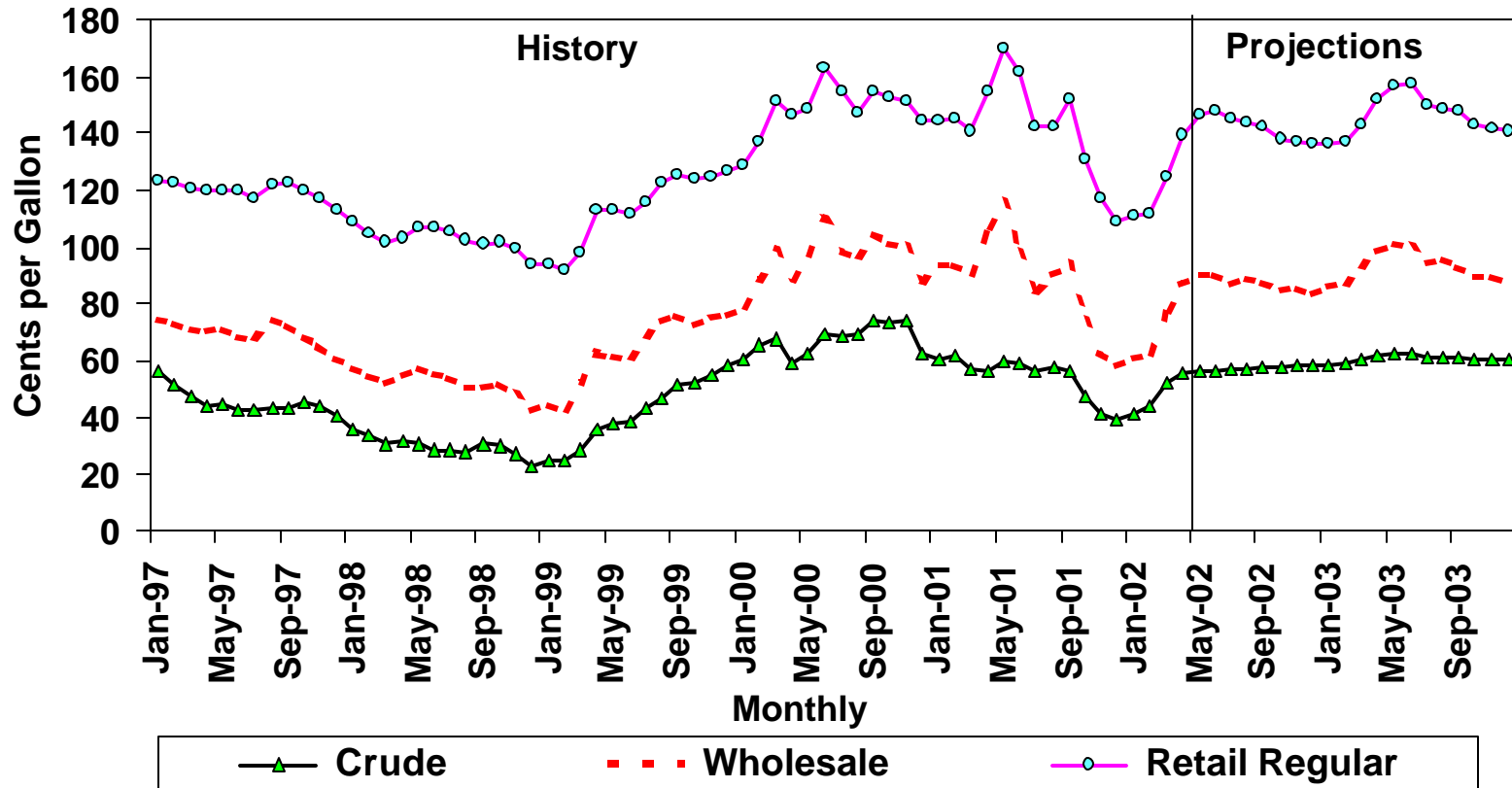
# Figure 4. OECD Commercial Oil Stocks



Sources: History: EIA; Projections: Short-Term Energy Outlook, May 2002.



# Figure 5. Motor Gasoline Prices

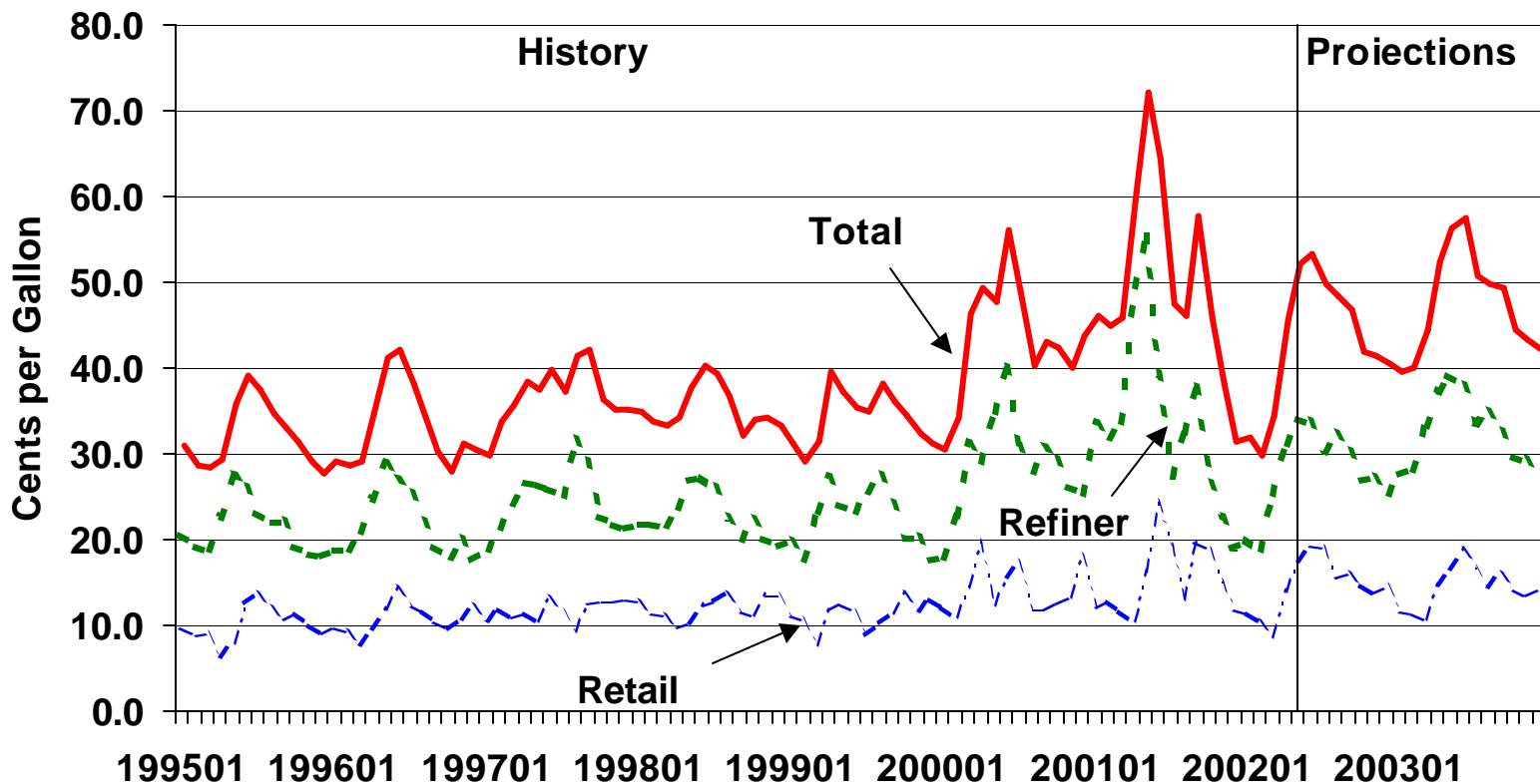


Sources: History: EIA; Projections: Short-Term Energy Outlook, May 2002.





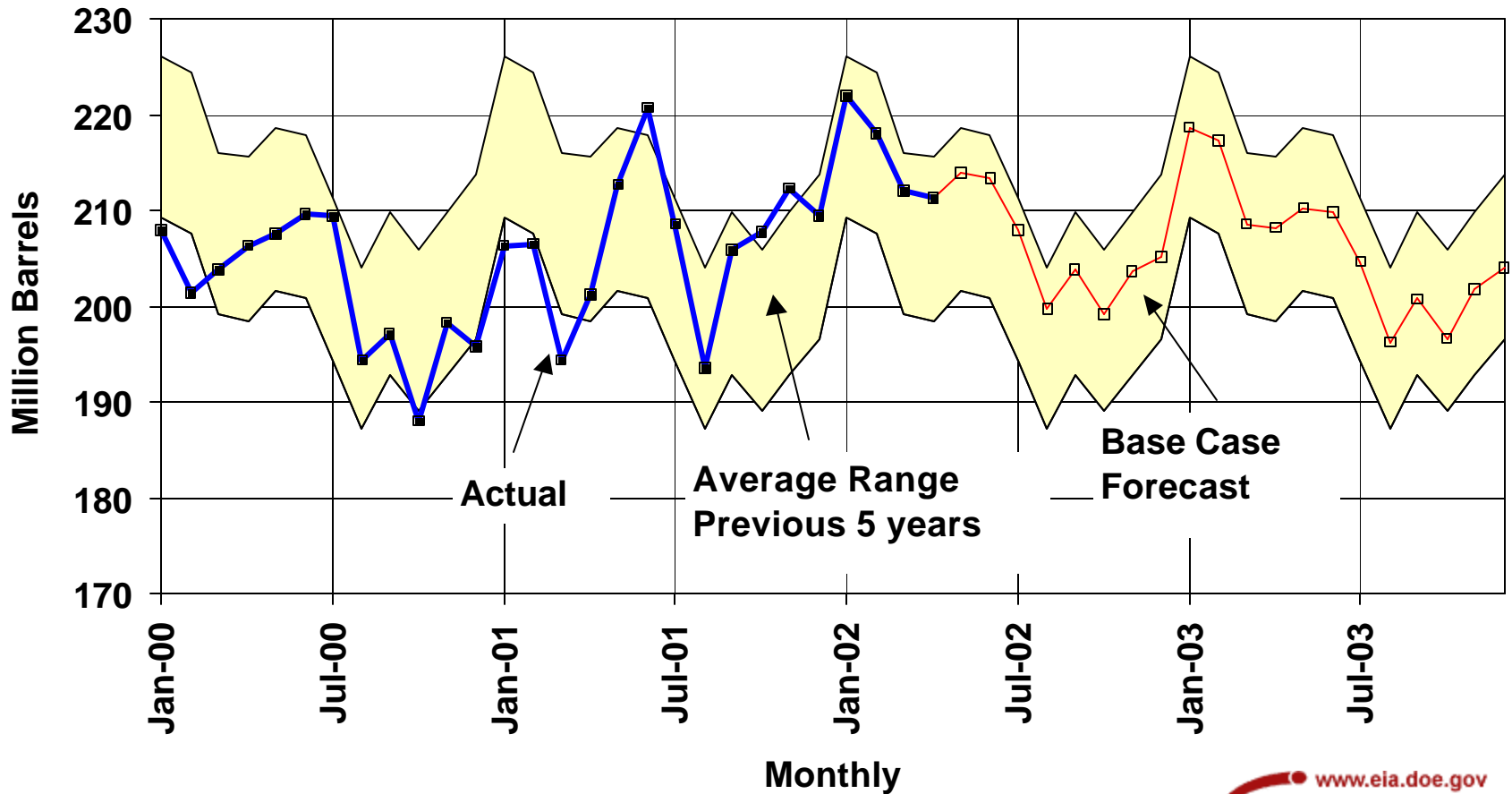
# Figure 6. Motor Gasoline Spreads



Sources: History: EIA; Projections: Short-Term Energy Outlook, May 2002.



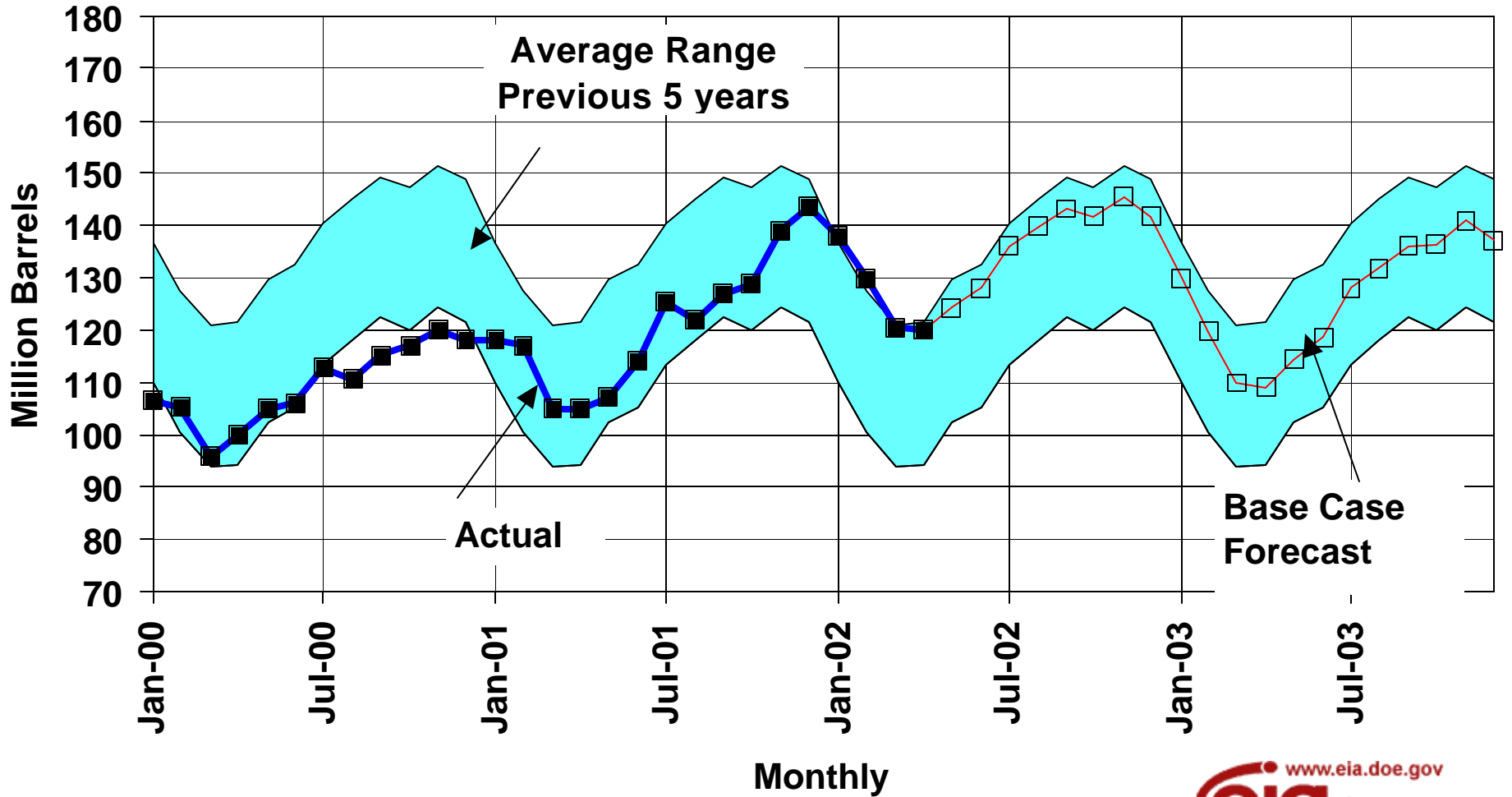
# Figure 7. U.S. Gasoline Inventories



Sources: History: EIA; Projections: Short-Term Energy Outlook, May 2002.



# Figure 8. Distillate Fuel Inventories

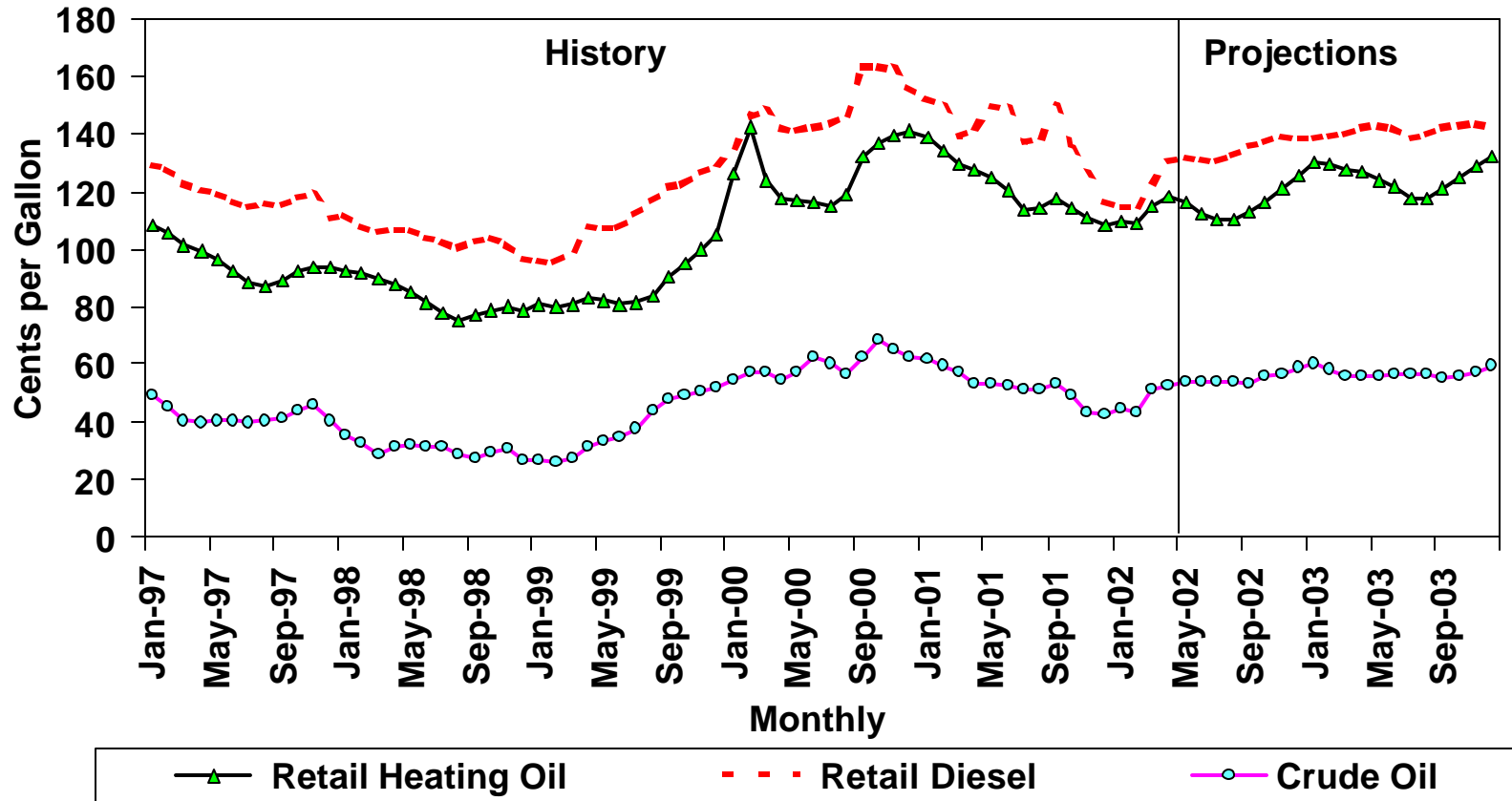


Sources: History: EIA; Projections: Short-Term Energy Outlook, May 2002.





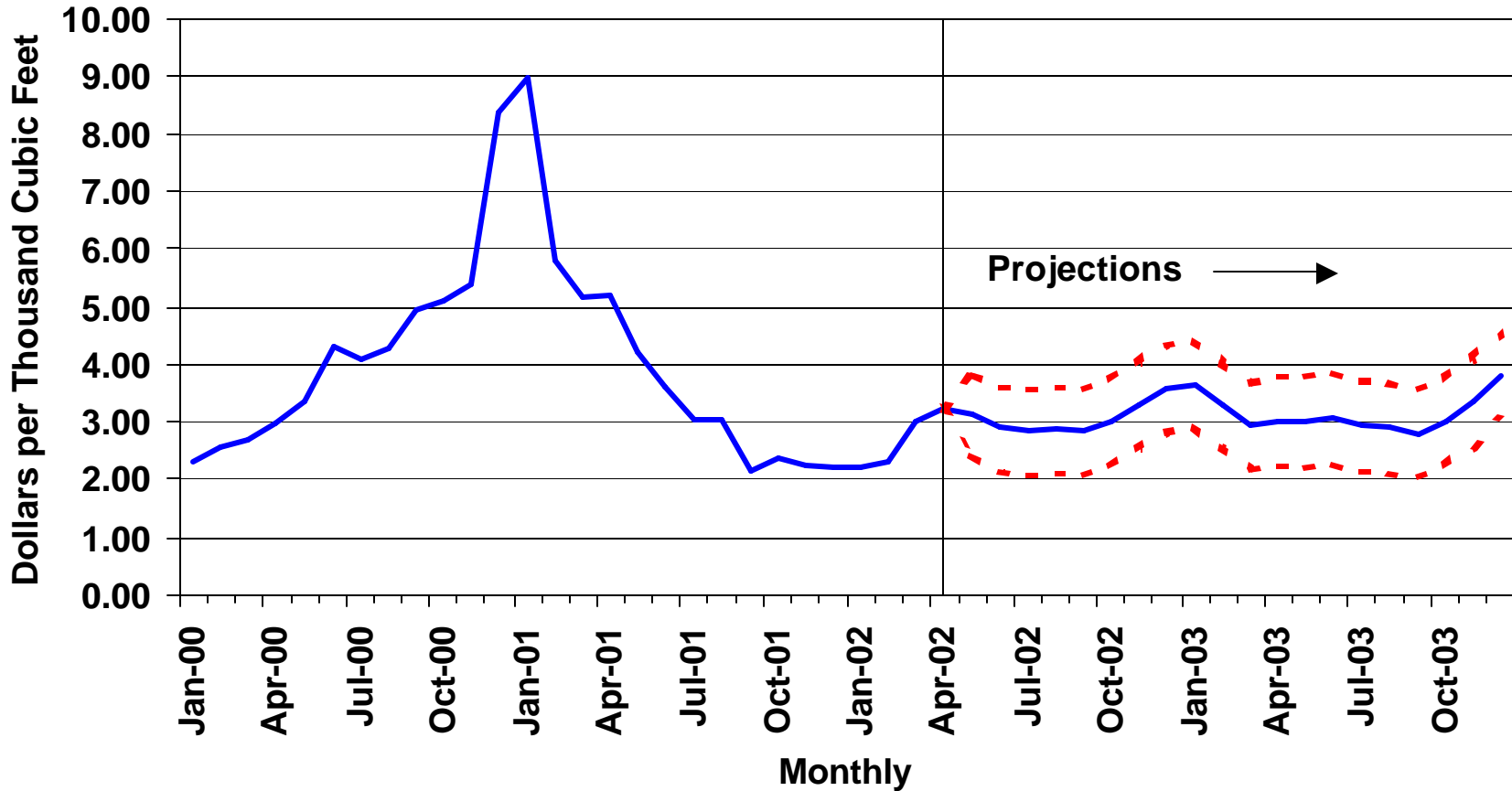
# Figure 9. Distillate Fuel Prices



Sources: History: EIA; Projections: Short-Term Energy Outlook, May 2002.



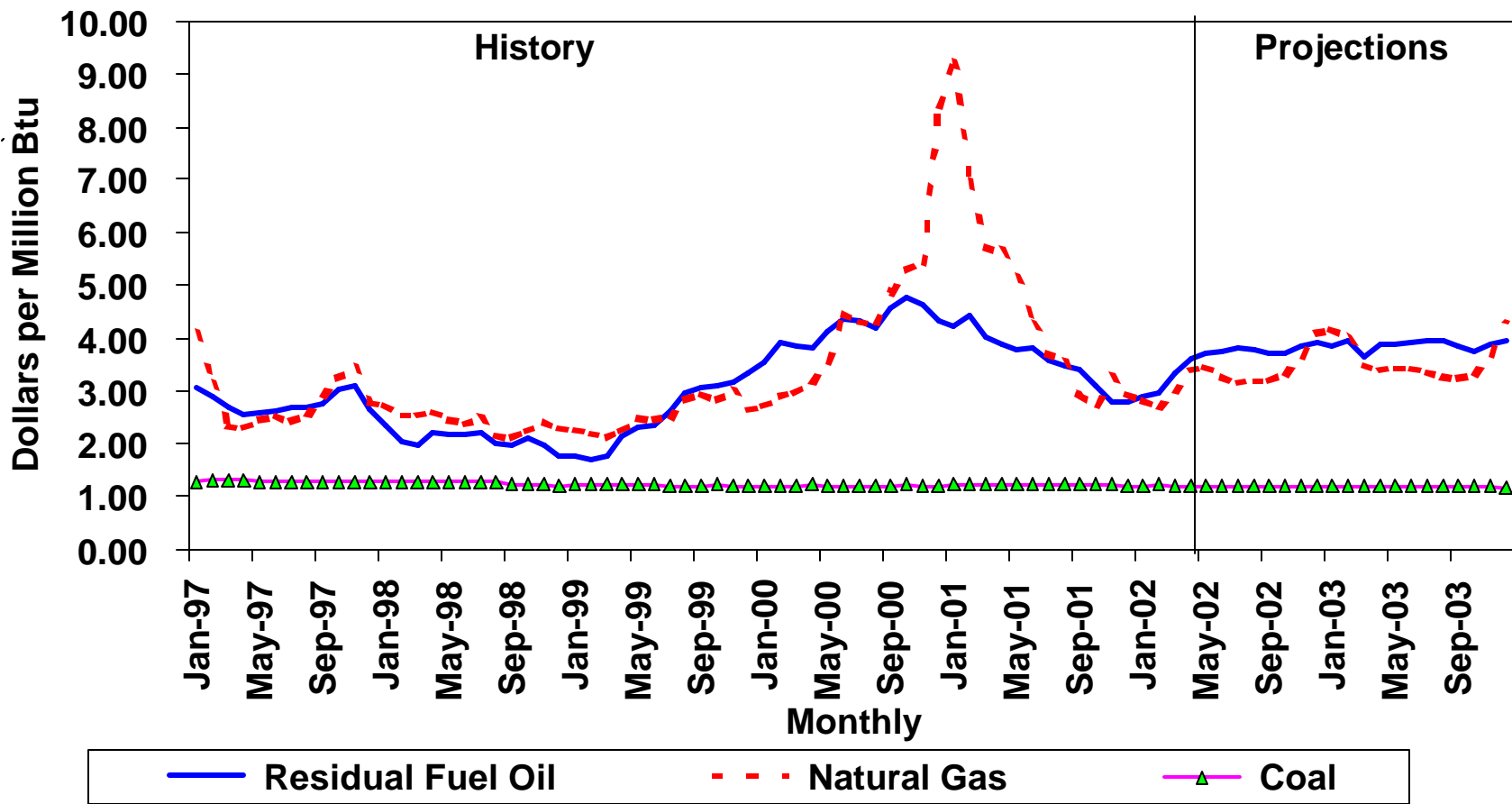
## Figure 10. Natural Gas Spot Prices (Base Case and 95% Confidence Interval)



Sources: History: Natural Gas Week; Projections: Short-Term Energy Outlook, May 2002.

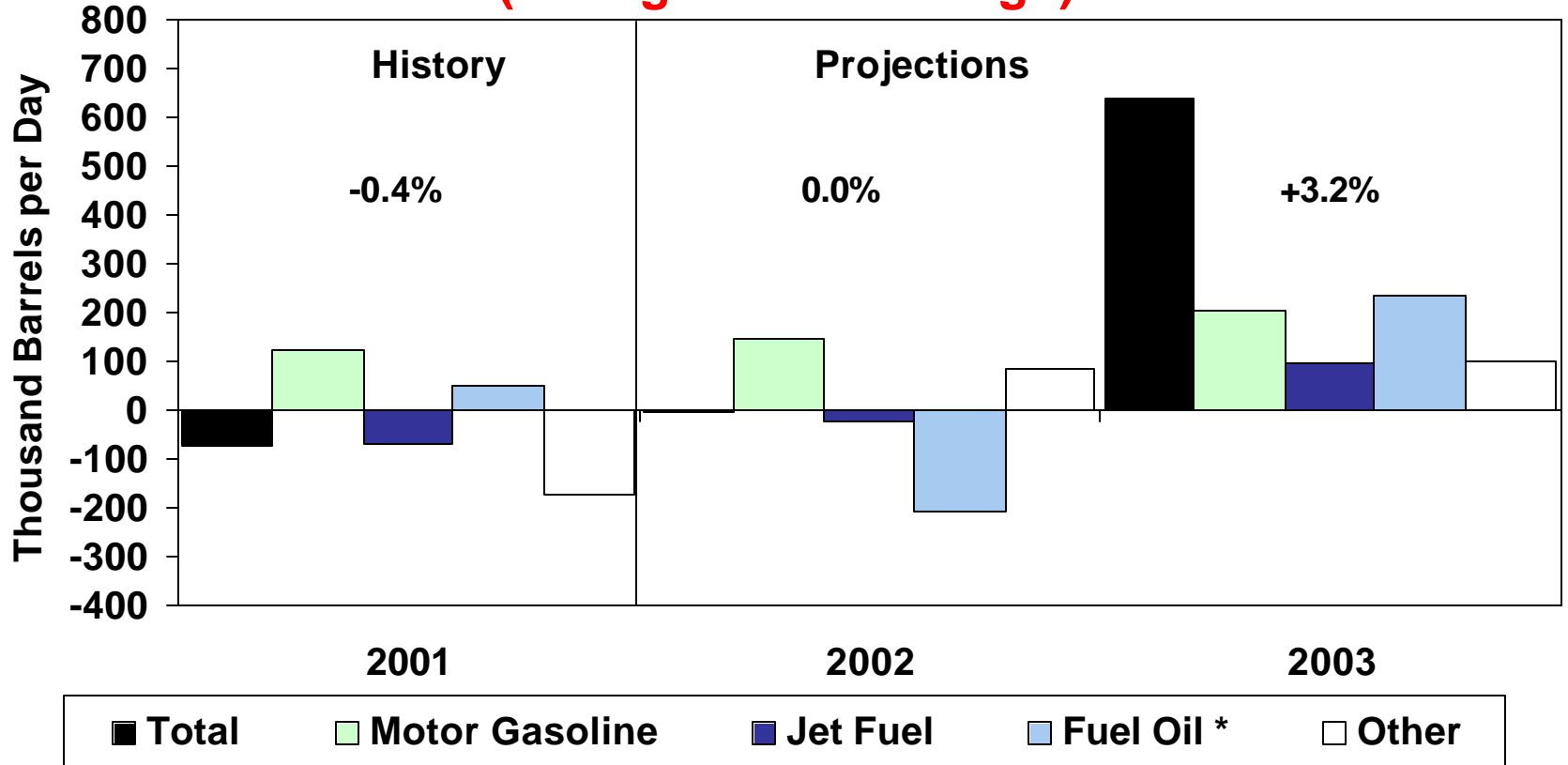


# Figure 11. Fossil Fuel Prices to Electric Utilities



Sources: History: EIA; Projections: Short-Term Energy Outlook, May 2002.

# Figure 12. Petroleum Products Demand Growth (Change from Year Ago)



\* Sum of distillate and residual fuel.



Sources: History: EIA; Projections: Short-Term Energy Outlook, May 2002.



decline. Some airlines, however, have begun to resume previously curtailed flights. As a result, the second half of this year is expected to register a 5-percent increase in jet-fuel demand, albeit from the low levels of the previous year. Following a decline of almost 6 percent in 2001, residual fuel oil is expected to decline a further 13 percent this year to a record low of less than 750,000 barrels per day. But that contraction is concentrated in the first half of this year as a result of warm weather and continued weakness in industrial activity. The assumptions of “normal” weather in the fourth quarter and a recovery in industrial activity are expected to result in a slight increase in residual fuel oil demand.

The following year is expected to witness a brisk recovery in petroleum demand, based on accelerations in real disposable income growth, continued recovery in industrial output, and assumptions of normal weather. Total demand in 2003 is expected to expand by 640,000 barrels per day, or 3.2 percent, to 20.26 million barrels per day. That would mark the first year in which total demand exceeded 20 million barrels per day. Motor gasoline consumption is projected to increase by an accelerated 2.3 percent, buoyed by brisk growth in personal disposable income. Reversing last year’s decline, distillate fuel oil demand is projected to climb 4.7 percent, with substantial increases in the transportation, space-heating, and industrial sectors. Jet-fuel demand, reflecting continued expansion of the number of flights, is projected to climb 5.9 percent to levels reached in 2000. Both utilization and capacity levels are expected to surpass those attained in 2000. In response to industrial recovery, a return to “normal” weather patterns, and high natural gas prices, residual fuel oil demand is expected to increase by 8.2 percent; but continued firmness in oil prices are expected to prevent that fuel from recovering much of the share of the price-sensitive power-generation and industrial sectors lost during the previous two years.

## **U.S. Oil Supply**

Average domestic oil production is expected to increase by 50 thousand barrels per day in 2002, or 0.9 percent, to a level of 5.89 million barrels of oil per day. For 2003, a 0.6 percent increase is expected for a production rate of 5.93 million barrels of oil per day average for the year ([Figure 13](#)).

Lower-48 States oil production is expected to increase by 21 thousand barrels per day to a rate of 4.91 million barrels per day in 2002, followed by a decrease of 20 thousand barrels per day in 2003. Shell’s Brutus platform is expected to peak its oil production at 100 thousand barrels per day in 2002. Oil production from the Mars, Troika, Ursa, Dianna-Hoover and Brutus Federal Offshore fields is expected to account for about 9.2 percent of the lower-48 oil production by the 4th quarter of 2003.

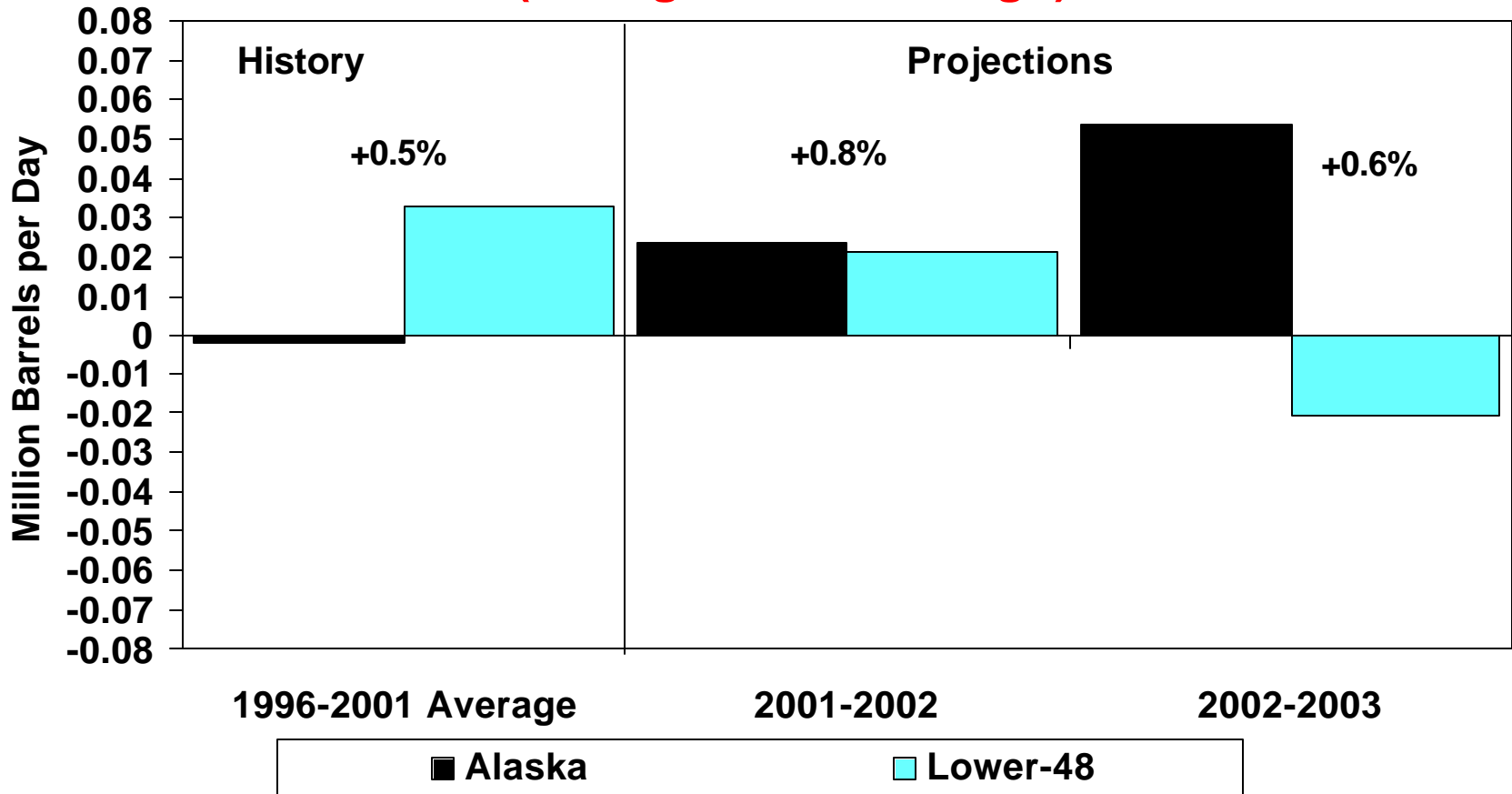
Alaska is expected to account for 17.6 percent of the total U.S. oil production in 2003. Alaska oil production is expected to increase by 3.0 percent in 2002 and by 5.4 percent in 2003. The increase in 2003 will be the result of field facilities expansion in the new satellite Colville River (Alpine) field. Another satellite field, North Star, came on in November 2001 at a rate of over 50 thousand barrels per day. Production from the Kuparuk River field plus like production from the West Sak, Tabasco, Tarn and Meltwater fields is expected to stay at an average of 220 thousand barrels per day in the 2002 and 2003 forecast periods.

## **Natural Gas Demand and Supply**

Domestic dry natural gas production is projected to fall by almost 2 percent in 2002 compared to the 2001 level. Weak demand and falling prices have reduced production and resource development incentive in natural gas since last summer. Still, current supplies, including natural gas in storage, appear to be at very comfortable levels.

Based on EIA survey data, natural gas storage levels are estimated to have ended the heating season at 1,520 bcf, more than double the 742 bcf seen at the same time last year, and at an estimated 1,703 bcf as of the end of April, 47 percent above the 5-year average. Storage is expected to remain above average levels

# Figure 13. U.S. Crude Oil Production Growth (Change from Year Ago)



Sources: History: EIA; Projections: Short-Term Energy Outlook, May 2002.



right up to the beginning of the next heating season ([Figure 14](#)). In April 2002, spot natural gas prices averaged about \$3.24 per thousand cubic feet (mcf) compared with an average of \$5.20 in April of 2001.

Overall natural gas drilling activity has fallen along with production. [Baker Hughes](#) reported average active rigs drilling for natural gas at 634 on April 26, 35 percent below the year-ago level and 41 percent below the peak seen in the current drilling cycle, which occurred in July of 2001. Aggregate lease revenues from domestic oil and gas production are expected to move up this year and settle at about \$300 million per month in 2003, which would be approximately a 50 percent increase over the rates seen at the end of 2001 ([Figure 15](#)). Inasmuch as these revenues are a strong determinant of industry cash flow, which in turn is a powerful driver of drilling activity levels, an upward trend in gas drilling levels is anticipated for this year and into 2003 ([Figure 16](#)). Thus, natural gas drilling rates probably are at (or near) the bottom of the current drilling cycle.

In 2002, natural gas demand is projected to increase by 2.8 percent over 2001 levels, and increase by 4.2 percent in 2003. Rising demand for natural gas in the industrial sector and electricity generating sectors is the primary reason. By 2003, all sectors are expected to show increased demand for natural gas ([Figure 17](#)).

Summer natural gas demand is projected to be 4.4 percent above last summer's level due mainly to the fall in natural gas prices since a year ago and the slowly reviving economy.

### **Electricity Demand and Supply**

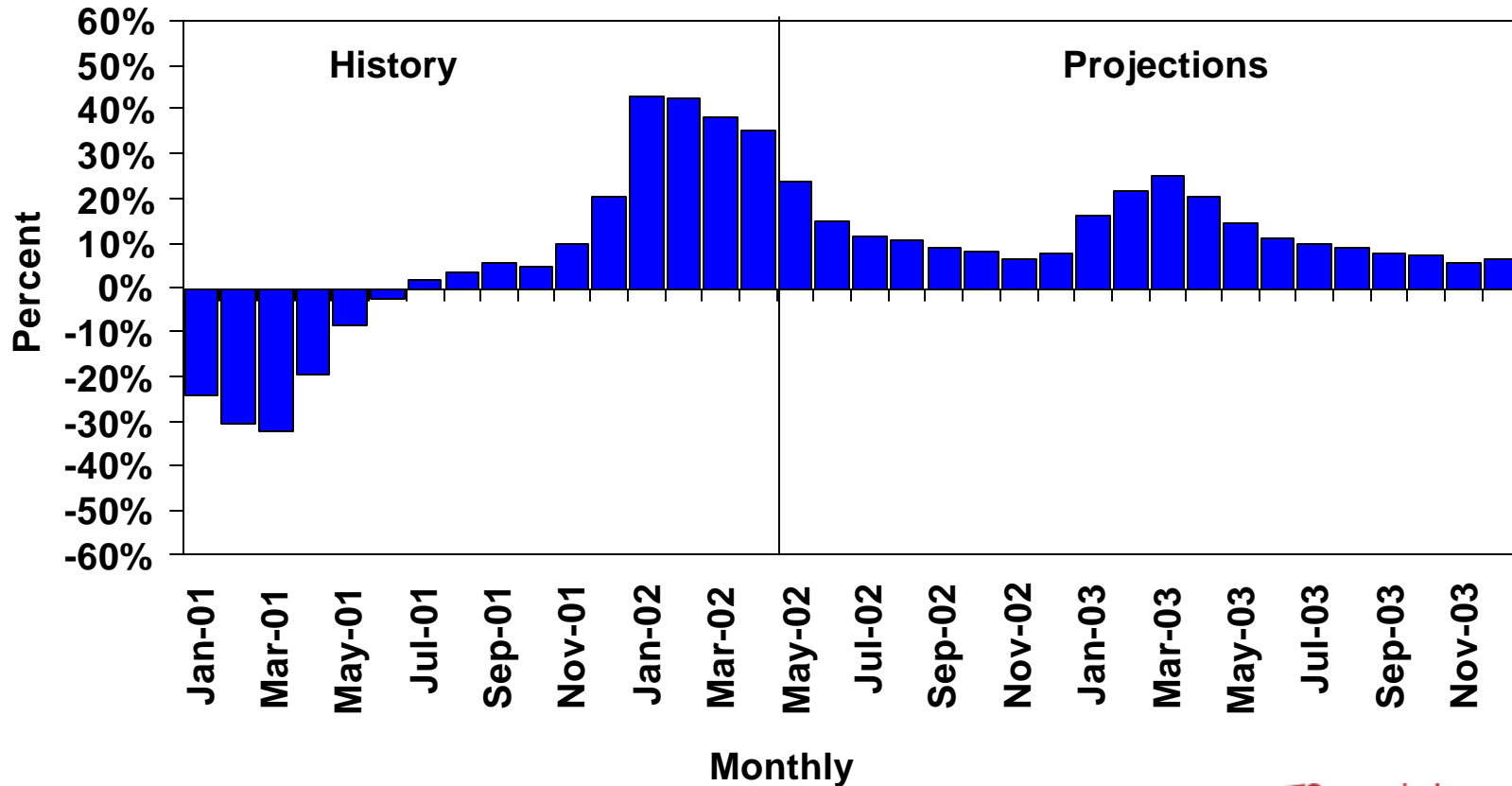
This summer, total electricity demand is expected to be level with last summer's demand. Cooling degree-days for the cooling season (April through September) are assumed to be somewhat lower than last year. Also, although the economy is assumed to be growing through the summer months, year-over-year increases in industrial output are not expected to show up until the third quarter of this year or later.

Total annual electricity demand growth (retail sales plus industrial generation for own use and other direct sales) is estimated to have been a negative 0.6 percent in 2001. For 2002, demand is expected to be flat but it is expected to begin to revive slightly by the end of 2002, and to grow by 2.9 percent in 2003 ([Figure 18](#)) because the economy is assumed to gradually revive.

In 2001, total hydropower generation was down to lows not seen since 1966. In 2002, total hydro generation is expected to rise by 22 percent if normal precipitation materializes in the Pacific Northwest, the main region affected. Total oil-fired generation is projected to be down considerably, by 22 percent from last year due to higher relative prices, while total gas-fired generation is projected to be about 1.6 percent above last year.

After a period of heightened concern for the availability of nuclear generation this summer, the prospect for normal operations appears likely. Upon discovery of corrosion in a major component in a nuclear plant in Ohio, the Nuclear Regulator Commission ordered the submission of safety information on 68 other units, implying the possible need for shutdowns for inspections. It now appears the problem is confined to one unit and the cause is being investigated. The temporary loss of this capacity is offset by increases in capacity at several reactors due to NRC-approved upgrades ranging from 2 to 20 percent and totaling several hundred megawatts in each year of the projection. Nuclear generation is expected to be up by about 0.6-0.7 percent in 2002 and 2003.

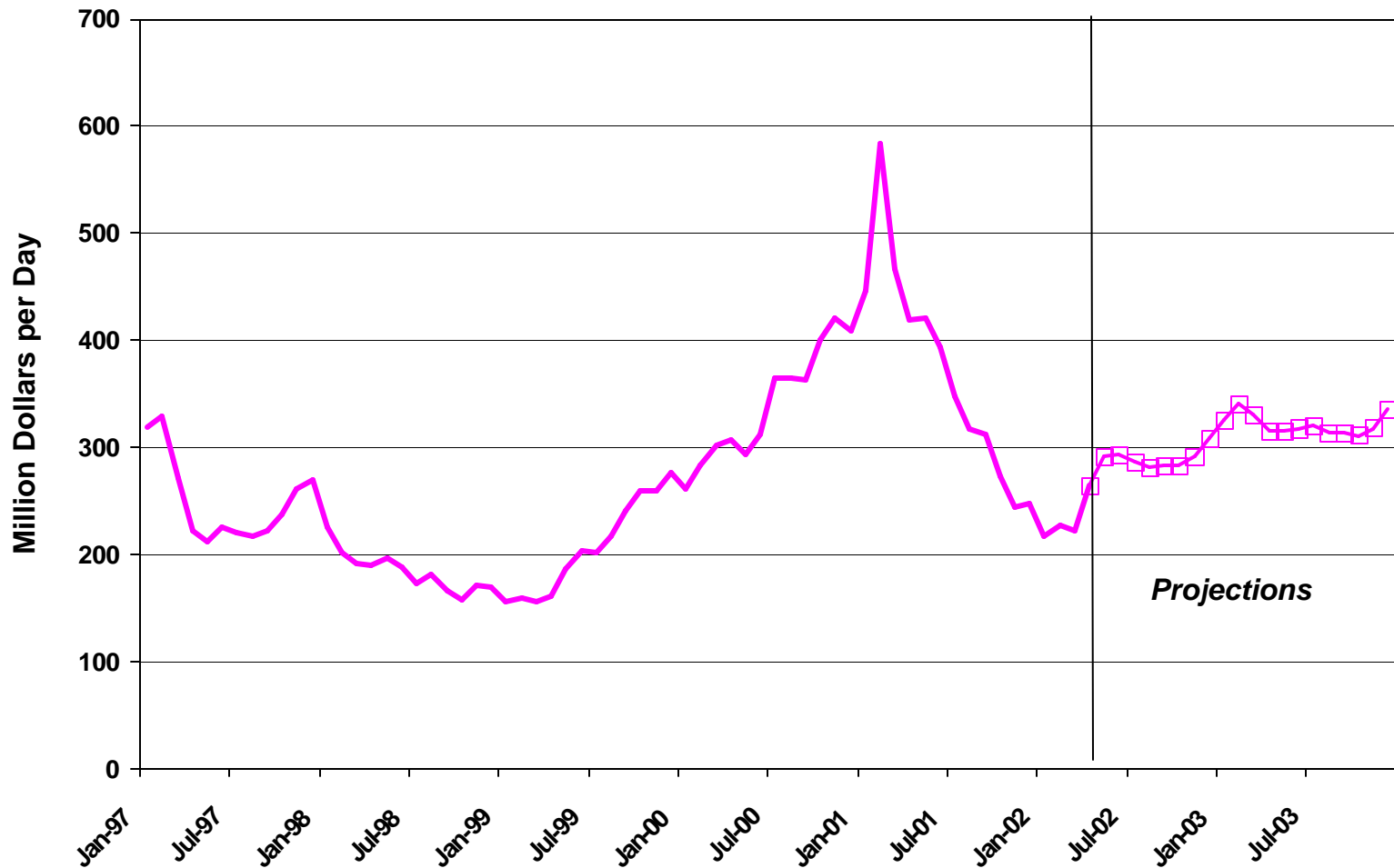
**Figure 14. Working Gas in Storage  
(Difference from Previous 5-Year Average)**



Sources: History: EIA; Projections: Short-Term Energy Outlook, May 2002.



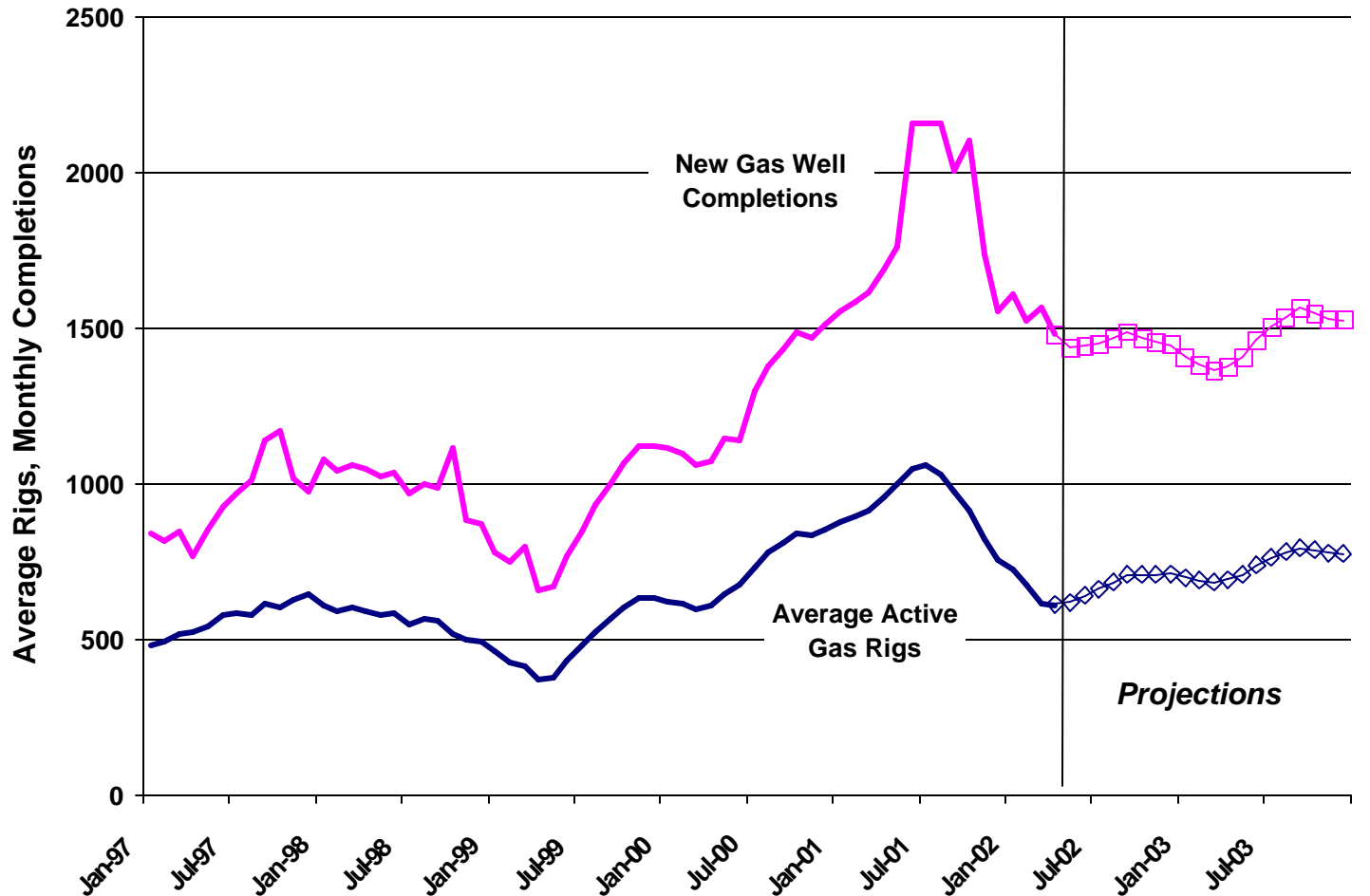
# Figure 15. U.S. Oil and Gas Production Revenues



Sources: History: EIA; Projections: Short-Term Energy Outlook, May 2002.



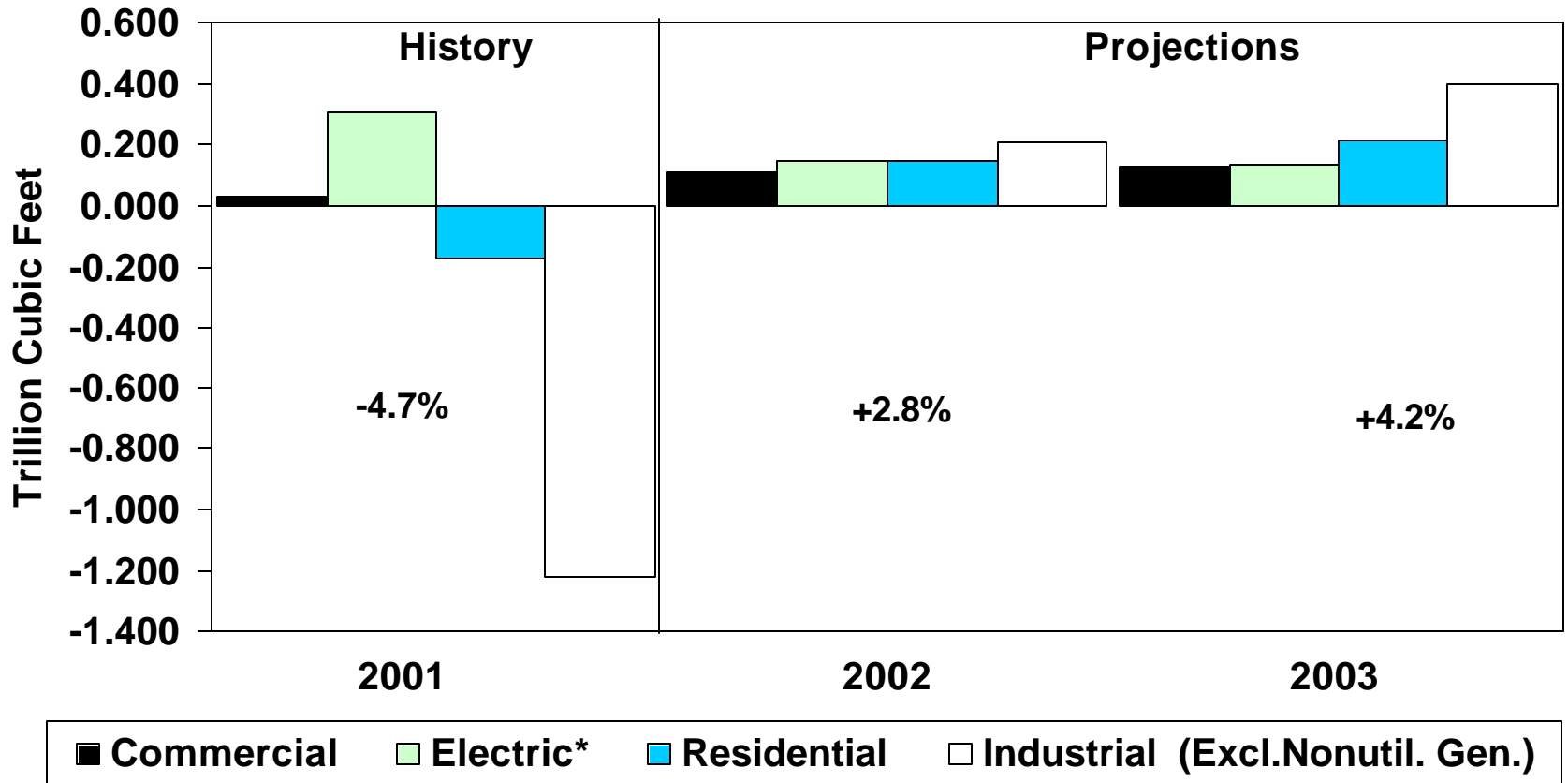
# Figure 16. U.S. Natural Gas-Directed Drilling Activity



Sources: History: EIA; Projections: Short-Term Energy Outlook, May 2002.



# Figure 17. Natural Gas Demand Growth by Sector (Change from Year Ago)

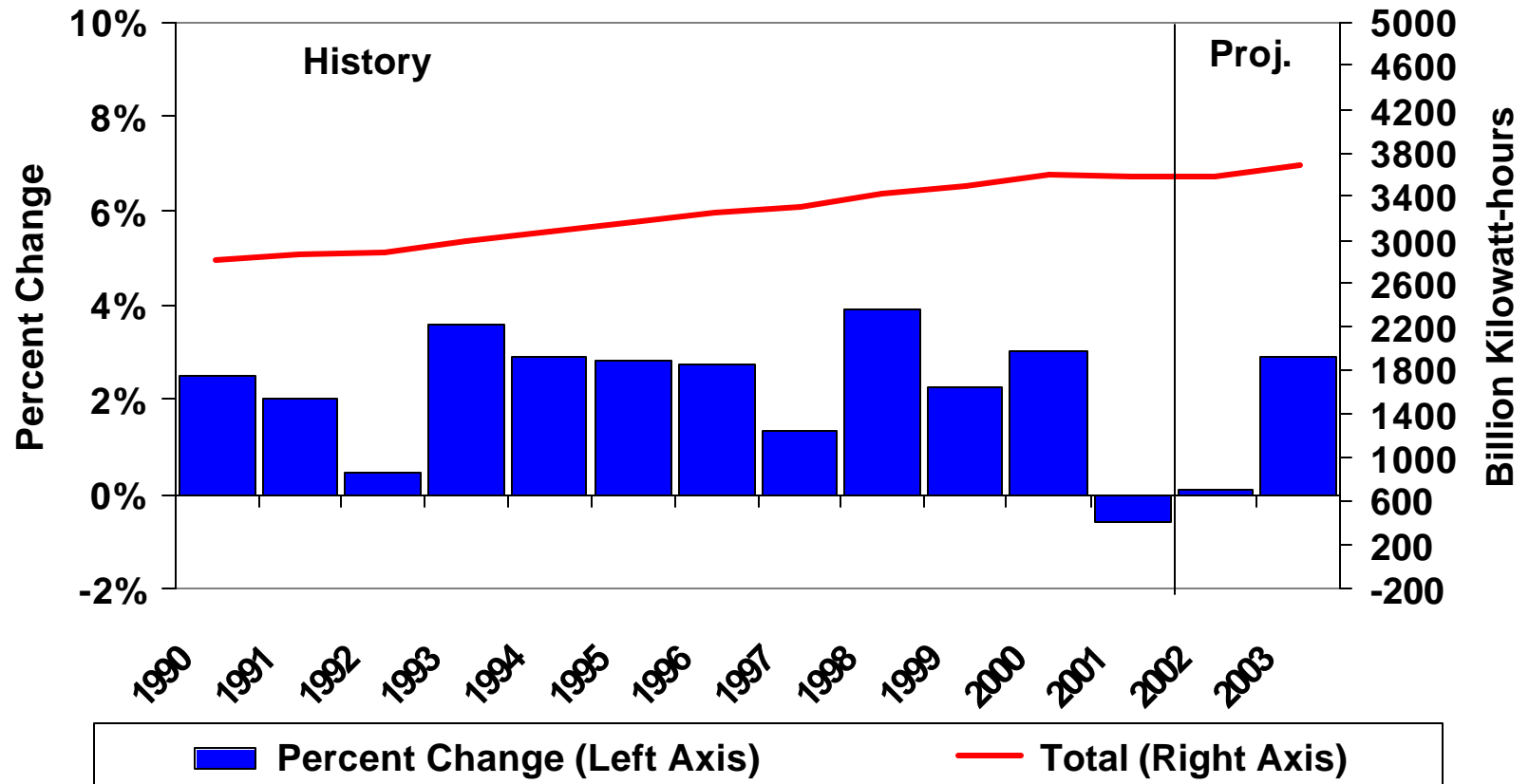


\* Includes gas to electric utilities and nonutility generators.

Sources: History: EIA; Projections: Short-Term Energy Outlook, May 2002.



# Figure 18. Total Electricity Demand Growth Patterns



Sources: History: EIA; Projections: Short-Term Energy Outlook, May 2002.





**Table HL1. U.S. Energy Supply and Demand**

	Year				Annual Percentage Change		
	2000	2001	2002	2003	2000-2001	2001-2002	2002-2003
<b>Real Gross Domestic Product (GDP)</b> (billion chained 1996 dollars) .....	<b>9224</b>	9334	9528	9883	<b>1.2</b>	2.1	3.7
Imported Crude Oil Price <sup>a</sup> (nominal dollars per barrel) .....	<b>27.72</b>	22.03	22.49	25.18	<b>-20.5</b>	2.1	12.0
<b>Petroleum Supply</b> (million barrels per day)							
Crude Oil Production <sup>b</sup> .....	<b>5.82</b>	5.85	5.90	5.93	<b>0.5</b>	0.9	0.5
Total Petroleum Net Imports (including SPR) .....	<b>10.42</b>	10.87	10.41	11.00	<b>4.3</b>	-4.2	5.7
<b>Energy Demand</b>							
World Petroleum (million barrels per day).....	<b>76.0</b>	76.0	76.6	77.9	<b>0.0</b>	0.8	1.7
Petroleum (million barrels per day).....	<b>19.70</b>	19.63	19.62	20.26	<b>-0.4</b>	-0.1	3.3
Natural Gas (trillion cubic feet) .....	<b>22.54</b>	21.47	22.07	23.00	<b>-4.7</b>	2.8	4.2
Coal <sup>c</sup> (million short tons) .....	<b>1081</b>	1063	1099	1120	<b>-1.7</b>	3.4	1.9
Electricity (billion kilowatthours)							
Retail Sales <sup>d</sup> .....	<b>3421</b>	3402	3417	3510	<b>-0.6</b>	0.4	2.7
Nonutility Use/Sales <sup>e</sup> .....	<b>185</b>	182	169	182	<b>-1.6</b>	-7.1	7.7
Total .....	<b>3606</b>	3584	3586	3691	<b>-0.6</b>	0.1	2.9
Total Energy Demand <sup>f</sup> (quadrillion Btu).....	<b>99.6</b>	97.4	99.2	102.5	<b>-2.2</b>	1.8	3.3
Total Energy Demand per Dollar of GDP (thousand Btu per 1996 Dollar).....	<b>10.80</b>	10.43	10.41	10.37	<b>-3.4</b>	-0.2	-0.4
Renewable Energy as Percent of Total <sup>g</sup> .....	<b>7.0</b>	6.7	7.1	7.5			

<sup>a</sup>Refers to the refiner acquisition cost (RAC) of imported crude oil.

<sup>b</sup>Includes lease condensate.

<sup>c</sup>Total Demand includes estimated Independent Power Producer (IPP) coal consumption.

<sup>d</sup>Total of retail electricity sales by electric utilities and power marketers. Utility sales for historical periods are reported in EIA's Electric Power Monthly and Electric Power Annual. Power marketers' sales for historical periods are reported in EIA's Electric Sales and Revenue, Appendix C. Data for 2000 are estimates.

<sup>e</sup>Defined as the sum of nonutility facility use of onsite net electricity generation plus direct sales of power by nonutility generators to third parties, reported annually in Table 7.5 of the Monthly Energy Review (MER). Data for 2000 are estimates.

<sup>f</sup>The conversion from physical units to Btu is calculated by using a subset of conversion factors used in the calculations performed for gross energy consumption in Energy Information Administration, Monthly Energy Review (MER). Consequently, the historical data may not precisely match those published in the MER or the Annual Energy Review (AER).

<sup>g</sup>Renewable energy includes minor components of non-marketed renewable energy, which is renewable energy that is neither bought nor sold, either directly or indirectly, as inputs to marketed energy. The Energy Information Administration does not estimate or project total consumption of non-marketed renewable energy.

SPR: Strategic Petroleum Reserve.

Notes: Minor discrepancies with other published EIA historical data are due to independent rounding. Historical data are printed in bold; forecasts are in italics. The forecasts were generated by simulation of the Short-Term Integrated Forecasting System.

Sources: Historical data: Latest data available from Bureau of Economic Analysis and Energy Information Administration; latest data available from EIA databases supporting the following reports: Petroleum Supply Monthly, DOE/EIA -0109; Petroleum Supply Annual, DOE/EIA -0340/2; Natural Gas Monthly, DOE/EIA -0130; Electric Power Monthly, DOE/EIA -0226; and Quarterly Coal Report, DOE/EIA -0121; International Petroleum Monthly DOE/EIA -0520; Weekly Petroleum Status Report, DOE/EIA -0208. Macroeconomic projections are based on DRI-WEFA Forecast CONTROL0402.

**Table 1. U.S. Macroeconomic and Weather Assumptions**

	2001				2002				2003				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2001	2002	2003
<b>Macroeconomic <sup>a</sup></b>															
Real Gross Domestic Product (billion chained 1996 dollars - SAAR).....	<b>9334</b>	<b>9342</b>	<b>9310</b>	<b>9349</b>	<i>9451</i>	<i>9501</i>	<i>9521</i>	<i>9637</i>	<i>9747</i>	<i>9840</i>	<i>9922</i>	<i>10023</i>	<i>9334</i>	<i>9528</i>	<i>9883</i>
Percentage Change from Prior Year.....	<b>2.5</b>	<b>1.2</b>	<b>0.5</b>	<b>0.5</b>	<i>1.2</i>	<i>1.7</i>	<i>2.3</i>	<i>3.1</i>	<i>3.1</i>	<i>3.6</i>	<i>4.2</i>	<i>4.0</i>	<i>1.2</i>	<i>2.1</i>	<i>3.7</i>
Annualized Percent Change from Prior Quarter .....	<b>1.3</b>	<b>0.3</b>	<b>-1.3</b>	<b>1.6</b>	<i>4.4</i>	<i>2.1</i>	<i>0.9</i>	<i>4.9</i>	<i>4.5</i>	<i>3.8</i>	<i>3.3</i>	<i>4.1</i>			
GDP Implicit Price Deflator (Index, 1996=1.000).....	<b>1.087</b>	<b>1.092</b>	<b>1.098</b>	<b>1.098</b>	<i>1.104</i>	<i>1.109</i>	<i>1.113</i>	<i>1.120</i>	<i>1.127</i>	<i>1.132</i>	<i>1.138</i>	<i>1.146</i>	<i>1.094</i>	<i>1.112</i>	<i>1.136</i>
Percentage Change from Prior Year.....	<b>2.3</b>	<b>2.2</b>	<b>2.4</b>	<b>1.9</b>	<i>1.6</i>	<i>1.6</i>	<i>1.4</i>	<i>2.0</i>	<i>2.1</i>	<i>2.0</i>	<i>2.2</i>	<i>2.3</i>	<i>2.2</i>	<i>1.6</i>	<i>2.2</i>
Real Disposable Personal Income (billion chained 1996 Dollars - SAAR).....	<b>6679</b>	<b>6719</b>	<b>6918</b>	<b>6774</b>	<i>6927</i>	<i>6963</i>	<i>7001</i>	<i>7052</i>	<i>7114</i>	<i>7176</i>	<i>7227</i>	<i>7286</i>	<i>6772</i>	<i>6986</i>	<i>7201</i>
Percentage Change from Prior Year.....	<b>3.8</b>	<b>3.0</b>	<b>5.3</b>	<b>2.1</b>	<i>3.7</i>	<i>3.6</i>	<i>1.2</i>	<i>4.1</i>	<i>2.7</i>	<i>3.1</i>	<i>3.2</i>	<i>3.3</i>	<i>3.6</i>	<i>3.1</i>	<i>3.1</i>
Manufacturing Production (Index, 1996=1.000).....	<b>1.221</b>	<b>1.202</b>	<b>1.187</b>	<b>1.167</b>	<i>1.172</i>	<i>1.180</i>	<i>1.188</i>	<i>1.208</i>	<i>1.231</i>	<i>1.256</i>	<i>1.277</i>	<i>1.295</i>	<i>1.194</i>	<i>1.187</i>	<i>1.265</i>
Percentage Change from Prior Year.....	<b>-1.1</b>	<b>-4.2</b>	<b>-5.5</b>	<b>-6.2</b>	<i>-4.0</i>	<i>-1.9</i>	<i>0.1</i>	<i>3.5</i>	<i>5.1</i>	<i>6.4</i>	<i>7.5</i>	<i>7.2</i>	<i>-4.3</i>	<i>-0.6</i>	<i>6.6</i>
OECD Economic Growth (percent) <sup>b</sup> .....													<i>0.9</i>	<i>1.2</i>	<i>1.4</i>
<b>Weather <sup>c</sup></b>															
Heating Degree-Days															
U.S. ....	<b>2329</b>	<b>446</b>	<b>85</b>	<b>1363</b>	<i>2067</i>	<i>475</i>	<i>86</i>	<i>1622</i>	<i>2231</i>	<i>518</i>	<i>86</i>	<i>1622</i>	<i>4223</i>	<i>4249</i>	<i>4456</i>
New England.....	<b>3268</b>	<b>802</b>	<b>122</b>	<b>1867</b>	<i>2800</i>	<i>783</i>	<i>167</i>	<i>2237</i>	<i>3171</i>	<i>882</i>	<i>167</i>	<i>2237</i>	<i>6059</i>	<i>5987</i>	<i>6457</i>
Middle Atlantic.....	<b>2950</b>	<b>627</b>	<b>102</b>	<b>1618</b>	<i>2476</i>	<i>625</i>	<i>105</i>	<i>2002</i>	<i>2888</i>	<i>699</i>	<i>105</i>	<i>2001</i>	<i>5297</i>	<i>5208</i>	<i>5693</i>
U.S. Gas-Weighted .....	<b>2450</b>	<b>470</b>	<b>93</b>	<b>1438</b>	<i>2181</i>	<i>512</i>	<i>90</i>	<i>1714</i>	<i>2348</i>	<i>555</i>	<i>90</i>	<i>1713</i>	<i>4451</i>	<i>4496</i>	<i>4706</i>
Cooling Degree-Days (U.S.).....	<b>26</b>	<b>371</b>	<b>779</b>	<b>80</b>	<i>30</i>	<i>378</i>	<i>782</i>	<i>76</i>	<i>33</i>	<i>347</i>	<i>783</i>	<i>76</i>	<i>1256</i>	<i>1265</i>	<i>1238</i>

<sup>a</sup>Macroeconomic projections from DRI/McGraw-Hill model forecasts are seasonally adjusted at annual rates and modified as appropriate to the mid world oil price case.

<sup>b</sup>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, South Korea, Spain, Sweden, Switzerland, Turkey, the United Kingdom, and the United States.

<sup>c</sup>Population-weighted degree days. A degree day indicates the temperature variation from 65 degrees Fahrenheit (calculated as the simple average of the daily minimum and maximum temperatures) weighted by 1990 population.

SAAR: Seasonally-adjusted annualized rate.

Note: Historical data are printed in bold; forecasts are in italics.

Sources: Historical data: latest data available from: U.S. Department of Commerce, Bureau of Economic Analysis; U.S. Department of Commerce, National Oceanic and Atmospheric Administration; Federal Reserve System, Statistical Release G.17(419). Projections of OECD growth are based on DRI-WEFA, "World Economic Outlook," Volume 1. Macroeconomic projections are based on DRI-WEFA Forecast CONTROL0402.

**Table 2. U.S. Energy Indicators: Mid World Oil Price Case**

	2001				2002				2003				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2001	2002	2003
<b>Macroeconomic <sup>a</sup></b>															
Real Fixed Investment (billion chained 1996 dollars-SAAR)...	<b>1740</b>	<b>1696</b>	<b>1672</b>	<b>1622</b>	1619	1619	1628	1645	1676	1709	1735	1767	1683	1628	1721
Real Exchange Rate (index).....	<b>1.103</b>	<b>1.140</b>	<b>1.130</b>	<b>1.150</b>	1.190	1.190	1.187	1.170	1.140	1.113	1.097	1.087	1.131	1.184	1.109
Business Inventory Change (billion chained 1996 dollars-SAAR)...	<b>-15.0</b>	<b>-35.6</b>	<b>-47.0</b>	<b>-44.1</b>	-28.4	-13.3	-1.5	3.8	11.3	13.3	12.0	11.7	-35.4	-9.9	12.1
Producer Price Index (index, 1982=1.000).....	<b>1.385</b>	<b>1.363</b>	<b>1.329</b>	<b>1.293</b>	1.297	1.308	1.308	1.315	1.327	1.329	1.340	1.348	1.343	1.307	1.336
Consumer Price Index (index, 1982-1984=1.000).....	<b>1.759</b>	<b>1.773</b>	<b>1.776</b>	<b>1.775</b>	1.787	1.801	1.811	1.823	1.837	1.848	1.860	1.873	1.771	1.806	1.855
Petroleum Product Price Index (index, 1982=1.000).....	<b>0.892</b>	<b>0.968</b>	<b>0.875</b>	<b>0.675</b>	0.659	0.795	0.790	0.828	0.871	0.897	0.855	0.873	0.853	0.768	0.874
Non-Farm Employment (millions).....	<b>132.6</b>	<b>132.5</b>	<b>132.4</b>	<b>131.5</b>	131.2	131.3	131.5	132.1	132.6	133.1	133.8	134.6	132.2	131.5	133.5
Commercial Employment (millions).....	<b>93.1</b>	<b>93.3</b>	<b>93.3</b>	<b>92.7</b>	92.7	92.8	93.0	93.6	94.1	94.4	95.0	95.7	93.1	93.0	94.8
Total Industrial Production (index, 1996=1.000).....	<b>1.199</b>	<b>1.181</b>	<b>1.167</b>	<b>1.147</b>	1.152	1.158	1.165	1.184	1.206	1.228	1.248	1.266	1.173	1.165	1.237
Housing Stock (millions).....	<b>117.5</b>	<b>117.8</b>	<b>117.7</b>	<b>118.4</b>	119.1	119.4	119.8	120.1	120.5	120.8	121.2	121.5	117.9	119.6	121.0
<b>Miscellaneous</b>															
Gas Weighted Industrial Production (index, 1996=1.000).....	<b>1.081</b>	<b>1.073</b>	<b>1.069</b>	<b>1.059</b>	1.063	1.066	1.071	1.082	1.094	1.106	1.118	1.128	1.071	1.070	1.112
Vehicle Miles Traveled <sup>b</sup> (million miles/day).....	<b>7103</b>	<b>7883</b>	<b>7877</b>	<b>7574</b>	7265	7978	8032	7600	7400	8100	8267	7827	7611	7721	7901
Vehicle Fuel Efficiency (index, 1999=1.000).....	<b>0.993</b>	<b>0.999</b>	<b>0.991</b>	<b>1.012</b>	0.995	0.986	1.005	0.999	0.995	0.983	1.006	1.000	0.999	0.996	0.996
Real Vehicle Fuel Cost (cents per mile).....	<b>4.10</b>	<b>4.33</b>	<b>3.96</b>	<b>3.31</b>	3.27	3.86	3.76	3.75	3.79	4.03	3.79	3.75	3.93	3.66	3.84
Air Travel Capacity (mill. available ton-miles/day).....	<b>475.5</b>	<b>493.2</b>	<b>475.1</b>	<b>410.0</b>	431.6	457.4	458.3	449.4	454.2	478.9	498.3	491.1	463.3	449.3	480.8
Aircraft Utilization (mill. revenue ton-miles/day).....	<b>263.5</b>	<b>282.3</b>	<b>261.1</b>	<b>224.8</b>	236.6	264.0	276.8	263.6	261.4	282.8	298.6	285.5	257.8	260.4	282.2
Airline Ticket Price Index (index, 1982-1984=1.000).....	<b>2.399</b>	<b>2.408</b>	<b>2.452</b>	<b>2.318</b>	2.317	2.374	2.436	2.484	2.543	2.573	2.593	2.616	2.394	2.403	2.581
Raw Steel Production (millions tons).....	<b>25.53</b>	<b>26.07</b>	<b>25.25</b>	<b>22.05</b>	24.29	25.55	25.51	25.27	26.49	27.33	26.82	26.39	98.89	100.61	107.04

<sup>a</sup>Macroeconomic projections from DRI-WEFA model forecasts are seasonally adjusted at annual rates and modified as appropriate to the mid world oil price case.

<sup>b</sup>Includes all highway travel.

SAAR: Seasonally-adjusted annualized rate.

Note: Historical data are printed in bold; forecasts are in italics.

**Table 3. International Petroleum Supply and Demand: Mid World Oil Price Case**  
(Million Barrels per Day, Except OECD Commercial Stocks)

	2001				2002				2003				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2001	2002	2003
<b>Demand <sup>a</sup></b>															
OECD															
U.S. (50 States).....	19.9	19.6	19.7	19.4	19.3	19.4	19.9	20.0	20.2	20.0	20.5	20.6	19.6	19.6	20.3
U.S. Territories.....	0.4	0.4	0.3	0.3	0.4	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.4	0.4
Canada.....	2.0	1.9	2.0	2.0	2.0	2.0	2.1	2.1	2.1	2.0	2.2	2.2	2.0	2.0	2.1
Europe.....	15.2	14.8	15.5	15.5	15.5	14.6	15.2	15.8	15.6	14.7	15.3	16.0	15.2	15.3	15.4
Japan.....	6.1	5.0	5.1	5.5	6.0	4.9	5.2	5.6	6.0	5.0	5.2	5.6	5.4	5.4	5.4
Other OECD.....	5.3	4.9	4.9	5.2	5.0	5.0	5.2	5.2	5.1	5.0	5.2	5.3	5.1	5.1	5.1
Total OECD.....	49.0	46.6	47.5	47.9	48.2	46.2	47.9	49.2	49.4	47.0	48.7	50.0	47.7	47.9	48.8
Non-OECD															
Former Soviet Union.....	3.7	3.6	3.6	3.6	3.8	3.6	3.6	3.6	3.8	3.7	3.7	3.7	3.6	3.7	3.7
Europe.....	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
China.....	4.9	4.9	4.8	4.8	5.1	5.1	5.0	5.1	5.3	5.3	5.2	5.3	4.9	5.1	5.3
Other Asia.....	7.4	7.4	7.1	7.4	7.4	7.4	7.2	7.5	7.5	7.5	7.2	7.6	7.3	7.4	7.4
Other Non-OECD.....	11.7	11.9	12.0	11.8	11.8	12.0	12.1	12.0	11.9	12.1	12.2	12.1	11.8	11.9	12.0
Total Non-OECD.....	28.4	28.4	28.1	28.3	28.7	28.7	28.5	28.8	29.1	29.1	28.9	29.2	28.3	28.7	29.1
Total World Demand.....	77.3	75.0	75.6	76.2	76.9	74.9	76.4	78.0	78.5	76.1	77.6	79.2	76.0	76.6	77.9
<b>Supply <sup>b</sup></b>															
OECD															
U.S. (50 States).....	8.8	9.0	9.1	9.2	9.1	9.0	9.1	9.2	9.1	9.1	9.1	9.2	9.0	9.1	9.2
Canada.....	2.8	2.8	2.7	2.9	3.0	3.0	3.1	3.1	3.0	3.0	3.1	3.2	2.8	3.0	3.1
Mexico.....	3.6	3.5	3.6	3.6	3.6	3.6	3.7	3.6	3.9	3.9	3.9	3.8	3.6	3.7	3.9
North Sea <sup>c</sup> .....	5.8	5.6	5.7	6.0	5.8	5.5	5.7	6.0	5.8	5.5	5.6	5.9	5.7	5.7	5.7
Other OECD.....	2.2	2.2	2.2	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
Total OECD.....	23.2	23.0	23.3	23.8	23.7	23.3	23.7	24.0	24.1	23.7	24.0	24.4	23.3	23.7	24.1
Non-OECD															
OPEC.....	31.2	29.9	30.1	29.2	27.9	27.1	28.7	28.8	29.3	29.0	29.3	28.8	30.1	28.1	29.1
Former Soviet Union.....	8.6	8.7	8.9	9.1	9.0	9.1	9.3	9.4	9.4	9.5	9.7	9.8	8.8	9.2	9.6
China.....	3.3	3.3	3.3	3.3	3.3	3.4	3.4	3.4	3.3	3.4	3.4	3.4	3.3	3.4	3.4
Other Non-OECD.....	11.2	11.1	11.3	11.3	11.3	11.4	11.6	11.8	11.6	11.8	12.0	12.1	11.2	11.5	11.9
Total Non-OECD.....	54.4	53.0	53.6	52.9	51.6	51.0	53.0	53.4	53.6	53.6	54.3	54.0	53.5	52.3	53.9
Total World Supply.....	77.6	76.1	76.9	76.7	75.2	74.3	76.7	77.4	77.7	77.3	78.3	78.4	76.8	75.9	77.9
<b>Stock Changes</b>															
Net Stock Withdrawals or Additions (-)															
U.S. (50 States including SPR).....	-0.2	-0.9	-0.2	-0.1	0.3	-0.6	-0.2	0.3	0.1	-0.6	-0.2	0.3	-0.3	0.0	-0.1
Other.....	-0.2	-0.2	-1.1	-0.4	1.4	1.3	-0.2	0.3	0.7	-0.6	-0.5	0.5	-0.5	0.7	0.0
Total Stock Withdrawals.....	-0.3	-1.1	-1.3	-0.5	1.7	0.7	-0.4	0.6	0.8	-1.2	-0.7	0.8	-0.8	0.6	-0.1
OECD Comm. Stocks, End (bill. bbls.).....	2.5	2.6	2.6	2.7	2.5	2.5	2.5	2.5	2.4	2.5	2.5	2.4	2.7	2.5	2.4
Non-OPEC Supply.....	46.4	46.1	46.8	47.5	47.3	47.2	48.0	48.6	48.4	48.4	49.1	49.6	46.7	47.8	48.9
Net Exports from Former Soviet Union.....	4.9	5.1	5.3	5.5	5.2	5.5	5.7	5.7	5.5	5.8	6.0	6.1	5.2	5.5	5.9

<sup>a</sup>Demand for petroleum by the OECD countries is synonymous with "petroleum product supplied," which is defined in the glossary of the EIA *Petroleum Supply Monthly*, DOE/EIA-0109. Demand for petroleum by the non-OECD countries is "apparent consumption," which includes internal consumption, refinery fuel and loss, and bunkering.

<sup>b</sup>Includes production of crude oil (including lease condensates), natural gas plant liquids, other hydrogen and hydrocarbons for refinery feedstocks, refinery gains, alcohol, and liquids produced from coal and other sources.

<sup>c</sup>Includes offshore supply from Denmark, Germany, the Netherlands, Norway, and the United Kingdom.

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

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

SPR: Strategic Petroleum Reserve

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

Notes: Minor discrepancies with other published EIA historical data are due to rounding. Historical data are printed in bold; forecasts are in italics. The forecasts were generated by simulation of the Short-Term Integrated Forecasting System.

Sources: Energy Information Administration: latest data available from EIA databases supporting the following reports: *International Petroleum Monthly*, DOE/EIA-0520; Organization for Economic Cooperation and Development, Annual and Monthly Oil Statistics Database.

**Table 4. U.S. Energy Prices**  
(Nominal Dollars)

	2001				2002				2003				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2001	2002	2003
<b>Crude Oil Prices</b> (dollars per barrel)															
Imported Average <sup>a</sup> .....	24.12	23.85	23.04	16.94	18.83	23.20	23.62	24.03	24.56	25.75	25.28	25.09	22.03	22.49	25.18
WTI <sup>b</sup> Spot Average.....	28.82	27.92	26.66	20.40	21.66	26.37	26.81	27.22	27.75	28.94	28.48	28.28	25.95	25.52	28.36
<b>Natural Gas Wellhead</b> (dollars per thousand cubic feet).....															
	6.37	4.56	3.06	2.51	2.34	2.94	2.77	3.14	3.32	2.97	2.88	3.24	4.13	2.80	3.10
<b>Petroleum Products</b>															
Gasoline Retail <sup>c</sup> (dollars per gallon)															
All Grades.....	1.47	1.66	1.49	1.23	1.20	1.49	1.47	1.41	1.43	1.59	1.52	1.45	1.47	1.39	1.50
Regular Unleaded.....	1.43	1.62	1.45	1.19	1.16	1.45	1.44	1.37	1.39	1.56	1.49	1.42	1.43	1.36	1.47
No. 2 Diesel Oil, Retail (dollars per gallon).....															
	1.47	1.47	1.42	1.26	1.18	1.31	1.33	1.39	1.40	1.43	1.41	1.43	1.40	1.30	1.42
No. 2 Heating Oil, Wholesale (dollars per gallon).....															
	0.83	0.80	0.76	0.62	0.61	0.72	0.73	0.78	0.81	0.81	0.80	0.84	0.76	0.71	0.81
No. 2 Heating Oil, Retail (dollars per gallon).....															
	1.35	1.25	1.15	1.10	1.11	1.16	1.11	1.21	1.29	1.24	1.19	1.29	1.24	1.15	1.26
No. 6 Residual Fuel Oil, Retail <sup>d</sup> (dollars per barrel).....															
	25.13	22.29	21.76	18.90	19.62	22.46	22.68	24.07	24.52	23.73	23.72	24.28	22.21	22.31	24.08
<b>Electric Utility Fuels</b>															
Coal (dollars per million Btu).....															
	1.23	1.24	1.23	1.22	1.21	1.21	1.20	1.19	1.20	1.20	1.19	1.18	1.23	1.20	1.19
Heavy Fuel Oil <sup>e</sup> (dollars per million Btu).....															
	4.22	3.82	3.50	2.90	3.03	3.69	3.76	3.83	3.83	3.90	3.93	3.86	3.72	3.56	3.89
Natural Gas (dollars per million Btu).....															
	7.26	4.96	3.47	2.93	2.85	3.38	3.20	3.67	3.88	3.43	3.30	3.73	4.42	3.28	3.52
<b>Other Residential</b>															
Natural Gas (dollars per thousand cubic feet).....															
	10.10	10.65	10.64	7.73	6.70	7.55	9.20	7.54	7.65	8.40	9.67	7.82	9.64	7.30	7.99
Electricity (cents per kilowatthour).....															
	7.96	8.62	8.85	8.47	8.28	8.78	8.99	8.47	8.15	8.73	8.97	8.50	8.48	8.65	8.60

<sup>a</sup>Refiner acquisition cost (RAC) of imported crude oil.

<sup>b</sup>West Texas Intermediate.

<sup>c</sup>Average self-service cash prices.

<sup>d</sup>Average for all sulfur contents.

<sup>e</sup>Includes fuel oils No. 4, No. 5, and No. 6 and topped crude fuel oil prices.

Notes: Data are estimated for the fourth quarter of 2000. Prices exclude taxes, except prices for gasoline, residential natural gas, and diesel. The forecasts were generated by simulation of the Short-Term Integrated Forecasting System.

Sources: Historical data: Energy Information Administration: latest data available from EIA databases supporting the following reports: Petroleum Marketing Monthly, DOE/EIA -0380; Natural Gas Monthly, DOE/EIA -0130; Monthly Energy Review, DOE/EIA -0035; Electric Power Monthly, DOE/EIA -0226.

**Table 5. U.S. Petroleum Supply and Demand: Mid World Oil Price Case**

(Million Barrels per Day, Except Closing Stocks)

	2001				2002				2003				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2001	2002	2003
<b>Supply</b>															
Crude Oil Supply															
Domestic Production <sup>a</sup> .....	<b>5.85</b>	<b>5.84</b>	<b>5.82</b>	<b>5.90</b>	<i>5.94</i>	<i>5.86</i>	<i>5.84</i>	<i>5.95</i>	<i>5.97</i>	<i>5.90</i>	<i>5.89</i>	<i>5.97</i>	<i>5.85</i>	<i>5.90</i>	<i>5.93</i>
Alaska.....	<b>0.99</b>	<b>0.96</b>	<b>0.94</b>	<b>0.99</b>	<i>1.04</i>	<i>0.97</i>	<i>0.94</i>	<i>1.02</i>	<i>1.05</i>	<i>1.02</i>	<i>1.02</i>	<i>1.09</i>	<i>0.97</i>	<i>0.99</i>	<i>1.05</i>
Lower 48.....	<b>4.86</b>	<b>4.88</b>	<b>4.88</b>	<b>4.91</b>	<i>4.90</i>	<i>4.89</i>	<i>4.90</i>	<i>4.93</i>	<i>4.92</i>	<i>4.87</i>	<i>4.87</i>	<i>4.88</i>	<i>4.88</i>	<i>4.91</i>	<i>4.89</i>
Net Imports (including SPR) <sup>b</sup> .....	<b>9.04</b>	<b>9.67</b>	<b>9.42</b>	<b>9.09</b>	<i>8.58</i>	<i>9.38</i>	<i>9.40</i>	<i>9.12</i>	<i>9.22</i>	<i>9.85</i>	<i>9.77</i>	<i>9.43</i>	<i>9.30</i>	<i>9.12</i>	<i>9.57</i>
Other SPR Supply .....	<b>0.00</b>	<b>0.00</b>	<b>0.01</b>	<b>0.05</b>	<i>0.11</i>	<i>0.18</i>	<i>0.15</i>	<i>0.19</i>	<i>0.16</i>	<i>0.10</i>	<i>0.10</i>	<i>0.10</i>	<i>0.02</i>	<i>0.16</i>	<i>0.11</i>
SPR Stock Withdrawn or Added (-).....	<b>-0.02</b>	<b>-0.01</b>	<b>-0.02</b>	<b>-0.06</b>	<i>-0.12</i>	<i>-0.18</i>	<i>-0.15</i>	<i>-0.19</i>	<i>-0.16</i>	<i>-0.10</i>	<i>-0.10</i>	<i>-0.10</i>	<i>-0.03</i>	<i>-0.16</i>	<i>-0.11</i>
Other Stock Withdrawn or Added (-).....	<b>-0.25</b>	<b>0.00</b>	<b>-0.01</b>	<b>-0.03</b>	<i>-0.15</i>	<i>0.05</i>	<i>0.20</i>	<i>0.05</i>	<i>-0.18</i>	<i>0.01</i>	<i>0.17</i>	<i>0.04</i>	<i>-0.07</i>	<i>0.04</i>	<i>0.01</i>
Product Supplied and Losses.....	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>
Unaccounted-for Crude Oil.....	<b>0.13</b>	<b>0.15</b>	<b>-0.01</b>	<b>-0.01</b>	<i>0.13</i>	<i>0.28</i>	<i>0.15</i>	<i>0.15</i>	<i>0.14</i>	<i>0.15</i>	<i>0.15</i>	<i>0.15</i>	<i>0.07</i>	<i>0.17</i>	<i>0.15</i>
Total Crude Oil Supply.....	<b>14.75</b>	<b>15.65</b>	<b>15.21</b>	<b>14.90</b>	<i>14.38</i>	<i>15.39</i>	<i>15.45</i>	<i>15.07</i>	<i>14.99</i>	<i>15.81</i>	<i>15.89</i>	<i>15.49</i>	<i>15.13</i>	<i>15.07</i>	<i>15.55</i>
Other Supply															
NGL Production.....	<b>1.65</b>	<b>1.89</b>	<b>1.95</b>	<b>1.96</b>	<i>1.86</i>	<i>1.86</i>	<i>1.86</i>	<i>1.86</i>	<i>1.86</i>	<i>1.91</i>	<i>1.94</i>	<i>1.95</i>	<i>1.86</i>	<i>1.86</i>	<i>1.92</i>
Other Hydrocarbon and Alcohol Inputs	<b>0.38</b>	<b>0.39</b>	<b>0.40</b>	<b>0.39</b>	<i>0.38</i>	<i>0.40</i>	<i>0.41</i>	<i>0.42</i>	<i>0.41</i>	<i>0.40</i>	<i>0.42</i>	<i>0.42</i>	<i>0.39</i>	<i>0.40</i>	<i>0.41</i>
Crude Oil Product Supplied.....	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>
Processing Gain .....	<b>0.91</b>	<b>0.90</b>	<b>0.90</b>	<b>0.94</b>	<i>0.94</i>	<i>0.92</i>	<i>0.92</i>	<i>0.92</i>	<i>0.92</i>	<i>0.94</i>	<i>0.92</i>	<i>0.91</i>	<i>0.91</i>	<i>0.93</i>	<i>0.92</i>
Net Product Imports <sup>c</sup> .....	<b>2.11</b>	<b>1.62</b>	<b>1.37</b>	<b>1.17</b>	<i>1.14</i>	<i>1.35</i>	<i>1.41</i>	<i>1.25</i>	<i>1.53</i>	<i>1.39</i>	<i>1.48</i>	<i>1.32</i>	<i>1.56</i>	<i>1.29</i>	<i>1.43</i>
Product Stock Withdrawn or Added (-)	<b>0.11</b>	<b>-0.86</b>	<b>-0.16</b>	<b>0.00</b>	<i>0.57</i>	<i>-0.49</i>	<i>-0.23</i>	<i>0.46</i>	<i>0.45</i>	<i>-0.50</i>	<i>-0.26</i>	<i>0.41</i>	<i>-0.23</i>	<i>0.07</i>	<i>0.03</i>
Total Supply.....	<b>19.90</b>	<b>19.59</b>	<b>19.67</b>	<b>19.37</b>	<i>19.28</i>	<i>19.42</i>	<i>19.83</i>	<i>19.98</i>	<i>20.17</i>	<i>19.95</i>	<i>20.40</i>	<i>20.51</i>	<i>19.63</i>	<i>19.63</i>	<i>20.26</i>
<b>Demand</b>															
Motor Gasoline .....	<b>8.27</b>	<b>8.67</b>	<b>8.82</b>	<b>8.62</b>	<i>8.44</i>	<i>8.89</i>	<i>8.87</i>	<i>8.76</i>	<i>8.59</i>	<i>9.05</i>	<i>9.12</i>	<i>9.01</i>	<i>8.59</i>	<i>8.74</i>	<i>8.94</i>
Jet Fuel.....	<b>1.73</b>	<b>1.72</b>	<b>1.67</b>	<b>1.51</b>	<i>1.55</i>	<i>1.63</i>	<i>1.65</i>	<i>1.68</i>	<i>1.71</i>	<i>1.69</i>	<i>1.74</i>	<i>1.77</i>	<i>1.66</i>	<i>1.63</i>	<i>1.73</i>
Distillate Fuel Oil.....	<b>4.21</b>	<b>3.72</b>	<b>3.64</b>	<b>3.73</b>	<i>3.79</i>	<i>3.59</i>	<i>3.61</i>	<i>3.90</i>	<i>4.17</i>	<i>3.78</i>	<i>3.70</i>	<i>3.95</i>	<i>3.82</i>	<i>3.72</i>	<i>3.90</i>
Residual Fuel Oil .....	<b>0.97</b>	<b>0.90</b>	<b>0.82</b>	<b>0.74</b>	<i>0.68</i>	<i>0.69</i>	<i>0.85</i>	<i>0.78</i>	<i>0.90</i>	<i>0.69</i>	<i>0.85</i>	<i>0.78</i>	<i>0.86</i>	<i>0.75</i>	<i>0.81</i>
Other Oils <sup>d</sup> .....	<b>4.71</b>	<b>4.59</b>	<b>4.72</b>	<b>4.77</b>	<i>4.80</i>	<i>4.62</i>	<i>4.85</i>	<i>4.86</i>	<i>4.79</i>	<i>4.74</i>	<i>4.99</i>	<i>5.00</i>	<i>4.70</i>	<i>4.78</i>	<i>4.88</i>
Total Demand.....	<b>19.89</b>	<b>19.59</b>	<b>19.67</b>	<b>19.36</b>	<i>19.25</i>	<i>19.42</i>	<i>19.83</i>	<i>19.98</i>	<i>20.17</i>	<i>19.95</i>	<i>20.40</i>	<i>20.51</i>	<i>19.63</i>	<i>19.62</i>	<i>20.26</i>
Total Petroleum Net Imports.....	<b>11.15</b>	<b>11.29</b>	<b>10.79</b>	<b>10.26</b>	<i>9.72</i>	<i>10.73</i>	<i>10.82</i>	<i>10.37</i>	<i>10.75</i>	<i>11.24</i>	<i>11.25</i>	<i>10.75</i>	<i>10.87</i>	<i>10.41</i>	<i>11.00</i>
<b>Closing Stocks (million barrels)</b>															
Crude Oil (excluding SPR).....	<b>308</b>	<b>308</b>	<b>309</b>	<b>312</b>	<i>325</i>	<i>321</i>	<i>302</i>	<i>297</i>	<i>313</i>	<i>313</i>	<i>297</i>	<i>294</i>	<i>312</i>	<i>297</i>	<i>294</i>
Total Motor Gasoline .....	<b>194</b>	<b>221</b>	<b>206</b>	<b>209</b>	<i>212</i>	<i>213</i>	<i>204</i>	<i>205</i>	<i>209</i>	<i>210</i>	<i>201</i>	<i>204</i>	<i>209</i>	<i>205</i>	<i>204</i>
Finished Motor Gasoline.....	<b>145</b>	<b>170</b>	<b>158</b>	<b>161</b>	<i>159</i>	<i>166</i>	<i>158</i>	<i>161</i>	<i>159</i>	<i>164</i>	<i>157</i>	<i>160</i>	<i>161</i>	<i>161</i>	<i>160</i>
Blending Components .....	<b>49</b>	<b>51</b>	<b>48</b>	<b>48</b>	<i>53</i>	<i>47</i>	<i>45</i>	<i>44</i>	<i>49</i>	<i>46</i>	<i>44</i>	<i>44</i>	<i>48</i>	<i>44</i>	<i>44</i>
Jet Fuel.....	<b>40</b>	<b>43</b>	<b>43</b>	<b>42</b>	<i>41</i>	<i>41</i>	<i>42</i>	<i>43</i>	<i>40</i>	<i>41</i>	<i>42</i>	<i>43</i>	<i>42</i>	<i>43</i>	<i>43</i>
Distillate Fuel Oil.....	<b>105</b>	<b>114</b>	<b>127</b>	<b>144</b>	<i>120</i>	<i>128</i>	<i>143</i>	<i>142</i>	<i>110</i>	<i>119</i>	<i>136</i>	<i>137</i>	<i>144</i>	<i>142</i>	<i>137</i>
Residual Fuel Oil .....	<b>39</b>	<b>42</b>	<b>37</b>	<b>41</b>	<i>35</i>	<i>35</i>	<i>37</i>	<i>39</i>	<i>36</i>	<i>37</i>	<i>39</i>	<i>40</i>	<i>41</i>	<i>39</i>	<i>40</i>
Other Oils <sup>e</sup> .....	<b>253</b>	<b>290</b>	<b>311</b>	<b>288</b>	<i>265</i>	<i>301</i>	<i>313</i>	<i>269</i>	<i>262</i>	<i>295</i>	<i>307</i>	<i>263</i>	<i>288</i>	<i>269</i>	<i>263</i>
Total Stocks (excluding SPR) .....	<b>940</b>	<b>1018</b>	<b>1033</b>	<b>1036</b>	<i>998</i>	<i>1038</i>	<i>1040</i>	<i>994</i>	<i>969</i>	<i>1014</i>	<i>1022</i>	<i>981</i>	<i>1036</i>	<i>994</i>	<i>981</i>
Crude Oil in SPR .....	<b>542</b>	<b>543</b>	<b>545</b>	<b>550</b>	<i>561</i>	<i>577</i>	<i>591</i>	<i>609</i>	<i>623</i>	<i>632</i>	<i>641</i>	<i>650</i>	<i>550</i>	<i>609</i>	<i>650</i>
Heating Oil Reserve.....	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<i>2</i>	<i>2</i>	<i>2</i>	<i>2</i>	<i>2</i>	<i>2</i>	<i>2</i>	<i>2</i>	<i>2</i>	<i>2</i>	<i>2</i>
Total Stocks (including SPR).....	<b>1482</b>	<b>1561</b>	<b>1578</b>	<b>1586</b>	<i>1559</i>	<i>1615</i>	<i>1632</i>	<i>1603</i>	<i>1592</i>	<i>1646</i>	<i>1663</i>	<i>1631</i>	<i>1586</i>	<i>1603</i>	<i>1631</i>

<sup>a</sup>Includes lease condensate.<sup>b</sup>Net imports equals gross imports plus SPR imports minus exports.<sup>c</sup>Includes finished petroleum products, unfinished oils, gasoline blending components, and natural gas plant liquids for processing.<sup>d</sup>Includes crude oil product supplied, natural gas liquids, liquefied refinery gas, other liquids, and all finished petroleum products except motor gasoline, jet fuel, distillate, and residual fuel oil.<sup>e</sup>Includes stocks of all other oils, such as aviation gasoline, kerosene, natural gas liquids (including ethane), aviation gasoline blending components, naphtha and other oils for petrochemical feedstock use, special naphthas, lube oils, wax, coke, asphalt, road oil, and miscellaneous oils.

SPR: Strategic Petroleum Reserve

NGL: Natural Gas Liquids

Notes: Minor discrepancies with other EIA published historical data are due to rounding, with the following exception: recent petroleum demand and supply data displayed here reflect the incorporation of resubmissions of the data as reported in EIA's Petroleum Supply Monthly, Table C1. Historical data are printed in bold; forecasts are in italics. The forecasts were generated by simulation of the Short-Term Integrated Forecasting System.

Sources: Historical data: Energy Information Administration: latest data available from EIA databases supporting the following reports: Petroleum Supply Monthly, DOE/EIA -0109, and Weekly Petroleum Status Report, DOE/EIA -0208.

**Table 6. Approximate Energy Demand Sensitivities<sup>a</sup> for the STIFS<sup>b</sup>**  
(Percent Deviation Base Case)

Demand Sector	+1% GDP	+ 10% Prices		+ 10% Weather <sup>e</sup>	
		Crude Oil <sup>c</sup>	N.Gas Wellhead <sup>d</sup>	Fall/Winter <sup>f</sup>	Spring/Summer <sup>f</sup>
<b>Petroleum</b>					
Total .....	0.6%	-0.3%	0.1%	1.1%	0.1%
Motor Gasoline .....	0.1%	-0.3%	0.0%	0.0%	0.0%
Distillate Fuel .....	0.8%	-0.2%	0.0%	2.7%	0.1%
Residual Fuel.....	1.6%	-3.4%	2.6%	2.0%	2.7%
<b>Natural Gas</b>					
Total .....	1.1%	0.3%	-0.4%	4.4%	1.0%
Residential.....	0.1%	0.0%	0.0%	8.2%	0.0%
Commercial .....	0.9%	0.0%	0.0%	7.3%	0.0%
Industrial.....	1.7%	0.2%	-0.5%	1.3%	0.0%
Electric Utility .....	1.8%	1.6%	-1.5%	1.0%	4.0%
<b>Coal</b>					
Total .....	0.7%	0.0%	0.0%	1.7%	1.7%
Electric Utility .....	0.6%	0.0%	0.0%	1.9%	1.9%
<b>Electricity</b>					
Total .....	0.6%	0.0%	0.0%	1.5%	1.7%
Residential.....	0.1%	0.0%	0.0%	3.2%	3.6%
Commercial .....	0.9%	0.0%	0.0%	1.0%	1.4%
Industrial.....	0.8%	0.0%	0.0%	0.3%	0.2%

<sup>a</sup>Percent change in demand quantity resulting from specified percent changes in model inputs.

<sup>b</sup>Short-Term Integrated Forecasting System.

<sup>c</sup>Refiner acquisitions cost of imported crude oil.

<sup>d</sup>Average unit value of marketed natural gas production reported by States.

<sup>e</sup>Refers to percent changes in degree-days.

<sup>f</sup>Response during fall/winter period(first and fourth calendar quarters) refers to change in heating degree-days. Response during the spring/summer period (second and third calendar quarters) refers to change in cooling degree-days.

**Table 7. Forecast Components for U.S. Crude Oil Production**  
(Million Barrels per Day)

	High Price Case	Low Price Case	Difference		
			Total	Uncertainty	Price Impact
United States.....	6.21	5.73	0.47	0.07	0.40
Lower 48 States.....	5.10	4.66	0.44	0.05	0.39
Alaska.....	1.11	1.08	0.03	0.02	0.02

Note: Components provided are for the fourth quarter 2003. Totals may not add to sum of components due to independent rounding.  
Source: Energy Information Administration, Office of Oil and Gas, Reserves and Natural Gas Division.

**Table 8. U.S. Natural Gas Supply and Demand: Mid World Oil Price Case**  
(Trillion Cubic Feet)

	2001				2002				2003				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2001	2002	2003
<b>Supply</b>															
Total Dry Gas Production .....	<b>4.86</b>	<b>4.86</b>	<b>4.84</b>	<b>4.80</b>	<i>4.75</i>	<i>4.70</i>	<i>4.73</i>	<i>4.79</i>	<i>4.87</i>	<i>4.90</i>	<i>4.94</i>	<i>5.06</i>	<i>19.36</i>	<i>18.97</i>	<i>19.77</i>
Net Imports .....	<b>0.97</b>	<b>0.90</b>	<b>0.94</b>	<b>0.82</b>	<i>0.86</i>	<i>0.83</i>	<i>0.84</i>	<i>0.88</i>	<i>0.91</i>	<i>0.87</i>	<i>0.89</i>	<i>0.95</i>	<i>3.63</i>	<i>3.41</i>	<i>3.61</i>
Supplemental Gaseous Fuels.....	<b>0.02</b>	<b>0.02</b>	<b>0.02</b>	<b>0.02</b>	<i>0.02</i>	<i>0.02</i>	<i>0.02</i>	<i>0.02</i>	<i>0.02</i>	<i>0.02</i>	<i>0.02</i>	<i>0.02</i>	<i>0.08</i>	<i>0.08</i>	<i>0.08</i>
Total New Supply .....	<b>5.85</b>	<b>5.77</b>	<b>5.81</b>	<b>5.64</b>	<i>5.63</i>	<i>5.55</i>	<i>5.60</i>	<i>5.69</i>	<i>5.80</i>	<i>5.79</i>	<i>5.85</i>	<i>6.03</i>	<i>23.07</i>	<i>22.46</i>	<i>23.47</i>
Working Gas in Storage															
Opening .....	<b>1.72</b>	<b>0.74</b>	<b>1.88</b>	<b>2.94</b>	<i>2.90</i>	<i>1.52</i>	<i>2.21</i>	<i>3.05</i>	<i>2.59</i>	<i>1.38</i>	<i>2.14</i>	<i>3.01</i>	<i>1.72</i>	<i>2.90</i>	<i>2.59</i>
Closing.....	<b>0.74</b>	<b>1.88</b>	<b>2.94</b>	<b>2.90</b>	<i>1.52</i>	<i>2.21</i>	<i>3.05</i>	<i>2.59</i>	<i>1.38</i>	<i>2.14</i>	<i>3.01</i>	<i>2.57</i>	<i>2.90</i>	<i>2.59</i>	<i>2.57</i>
Net Withdrawals.....	<b>0.98</b>	<b>-1.14</b>	<b>-1.06</b>	<b>0.04</b>	<i>1.38</i>	<i>-0.69</i>	<i>-0.84</i>	<i>0.46</i>	<i>1.22</i>	<i>-0.76</i>	<i>-0.87</i>	<i>0.45</i>	<i>-1.18</i>	<i>0.31</i>	<i>0.03</i>
Total Supply .....	<b>6.83</b>	<b>4.63</b>	<b>4.74</b>	<b>5.68</b>	<i>7.01</i>	<i>4.86</i>	<i>4.76</i>	<i>6.14</i>	<i>7.02</i>	<i>5.03</i>	<i>4.98</i>	<i>6.47</i>	<i>21.88</i>	<i>22.77</i>	<i>23.49</i>
Balancing Item <sup>a</sup> .....	<b>0.30</b>	<b>0.01</b>	<b>-0.26</b>	<b>-0.46</b>	<i>-0.18</i>	<i>0.03</i>	<i>-0.12</i>	<i>-0.44</i>	<i>0.28</i>	<i>0.02</i>	<i>-0.18</i>	<i>-0.61</i>	<i>-0.41</i>	<i>-0.70</i>	<i>-0.49</i>
Total Primary Supply .....	<b>7.13</b>	<b>4.64</b>	<b>4.49</b>	<b>5.22</b>	<i>6.84</i>	<i>4.89</i>	<i>4.64</i>	<i>5.70</i>	<i>7.30</i>	<i>5.04</i>	<i>4.80</i>	<i>5.87</i>	<i>21.47</i>	<i>22.07</i>	<i>23.00</i>
<b>Demand</b>															
Lease and Plant Fuel.....	<b>0.29</b>	<b>0.29</b>	<b>0.29</b>	<b>0.29</b>	<i>0.29</i>	<i>0.29</i>	<i>0.29</i>	<i>0.29</i>	<i>0.30</i>	<i>0.29</i>	<i>0.30</i>	<i>0.30</i>	<i>1.15</i>	<i>1.16</i>	<i>1.19</i>
Pipeline Use.....	<b>0.20</b>	<b>0.13</b>	<b>0.13</b>	<b>0.15</b>	<i>0.19</i>	<i>0.13</i>	<i>0.12</i>	<i>0.16</i>	<i>0.20</i>	<i>0.14</i>	<i>0.13</i>	<i>0.17</i>	<i>0.61</i>	<i>0.60</i>	<i>0.63</i>
Residential.....	<b>2.46</b>	<b>0.77</b>	<b>0.37</b>	<b>1.21</b>	<i>2.25</i>	<i>0.86</i>	<i>0.43</i>	<i>1.42</i>	<i>2.44</i>	<i>0.88</i>	<i>0.42</i>	<i>1.42</i>	<i>4.81</i>	<i>4.96</i>	<i>5.16</i>
Commercial .....	<b>1.37</b>	<b>0.63</b>	<b>0.46</b>	<b>0.79</b>	<i>1.31</i>	<i>0.66</i>	<i>0.50</i>	<i>0.88</i>	<i>1.40</i>	<i>0.68</i>	<i>0.51</i>	<i>0.90</i>	<i>3.25</i>	<i>3.36</i>	<i>3.48</i>
Industrial (Incl. Nonutility Use).....	<b>2.34</b>	<b>2.11</b>	<b>2.27</b>	<b>2.25</b>	<i>2.33</i>	<i>2.22</i>	<i>2.34</i>	<i>2.42</i>	<i>2.47</i>	<i>2.32</i>	<i>2.46</i>	<i>2.53</i>	<i>8.97</i>	<i>9.30</i>	<i>9.78</i>
Electric Utilities .....	<b>0.47</b>	<b>0.71</b>	<b>0.97</b>	<b>0.53</b>	<i>0.48</i>	<i>0.73</i>	<i>0.96</i>	<i>0.53</i>	<i>0.48</i>	<i>0.73</i>	<i>0.99</i>	<i>0.55</i>	<i>2.68</i>	<i>2.69</i>	<i>2.75</i>
Total Demand .....	<b>7.13</b>	<b>4.64</b>	<b>4.49</b>	<b>5.22</b>	<i>6.84</i>	<i>4.89</i>	<i>4.64</i>	<i>5.70</i>	<i>7.30</i>	<i>5.04</i>	<i>4.80</i>	<i>5.87</i>	<i>21.47</i>	<i>22.07</i>	<i>23.00</i>

<sup>a</sup>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.

Notes: Minor discrepancies with other EIA published historical data are due to rounding. Historical data are printed in bold; forecasts are in italics. The forecasts were generated by simulation of the Short-Term Integrated Forecasting System.

Sources: Historical data: Energy Information Administration; latest data available from EIA databases supporting the following reports: Natural Gas Monthly, DOE/EIA-0130; Electric Power Monthly, DOE/EIA-0226; Projections: Energy Information Administration, Short-Term Integrated Forecasting System database, and Office of Oil and Gas, Reserves and Natural Gas Division.



**Table 9. U.S. Coal Supply and Demand: Mid World Oil Price Case**  
(Million Short Tons)

	2001				2002				2003				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2001	2002	2003
<b>Supply</b>															
Production .....	<b>283.6</b>	<b>278.3</b>	<b>278.1</b>	<b>281.3</b>	<i>268.8</i>	<i>258.3</i>	<i>287.9</i>	<i>285.7</i>	<i>278.4</i>	<i>268.7</i>	<i>291.0</i>	<i>289.9</i>	<i>1121.3</i>	<i>1100.6</i>	<i>1128.0</i>
Appalachia.....	<b>110.8</b>	<b>109.0</b>	<b>104.1</b>	<b>105.1</b>	<i>100.9</i>	<i>99.1</i>	<i>105.3</i>	<i>104.4</i>	<i>104.9</i>	<i>101.1</i>	<i>103.9</i>	<i>103.6</i>	<i>428.9</i>	<i>409.7</i>	<i>413.3</i>
Interior.....	<b>37.5</b>	<b>37.0</b>	<b>37.9</b>	<b>35.2</b>	<i>34.6</i>	<i>32.8</i>	<i>37.4</i>	<i>33.9</i>	<i>33.4</i>	<i>32.5</i>	<i>36.0</i>	<i>32.5</i>	<i>147.7</i>	<i>138.8</i>	<i>134.4</i>
Western.....	<b>135.3</b>	<b>132.3</b>	<b>136.1</b>	<b>141.0</b>	<i>133.2</i>	<i>126.3</i>	<i>145.2</i>	<i>147.4</i>	<i>140.2</i>	<i>135.1</i>	<i>151.1</i>	<i>153.8</i>	<i>544.7</i>	<i>552.2</i>	<i>580.2</i>
Primary Stock Levels <sup>a</sup>															
Opening.....	<b>31.9</b>	<b>39.2</b>	<b>38.3</b>	<b>37.0</b>	<i>33.9</i>	<i>40.7</i>	<i>35.0</i>	<i>33.1</i>	<i>32.5</i>	<i>32.8</i>	<i>31.6</i>	<i>33.0</i>	<i>31.9</i>	<i>33.9</i>	<i>32.5</i>
Closing.....	<b>39.2</b>	<b>38.3</b>	<b>37.0</b>	<b>33.9</b>	<i>40.7</i>	<i>35.0</i>	<i>33.1</i>	<i>32.5</i>	<i>32.8</i>	<i>31.6</i>	<i>33.0</i>	<i>32.7</i>	<i>33.9</i>	<i>32.5</i>	<i>32.7</i>
Net Withdrawals.....	<b>-7.3</b>	<b>0.9</b>	<b>1.2</b>	<b>3.1</b>	<i>-6.8</i>	<i>5.7</i>	<i>1.9</i>	<i>0.6</i>	<i>-0.2</i>	<i>1.1</i>	<i>-1.4</i>	<i>0.3</i>	<i>-2.0</i>	<i>1.4</i>	<i>-0.2</i>
Imports.....	<b>3.9</b>	<b>4.1</b>	<b>6.0</b>	<b>5.7</b>	<i>4.4</i>	<i>5.1</i>	<i>5.2</i>	<i>5.2</i>	<i>4.9</i>	<i>4.9</i>	<i>4.9</i>	<i>5.0</i>	<i>19.8</i>	<i>19.9</i>	<i>19.7</i>
Exports.....	<b>11.8</b>	<b>13.5</b>	<b>11.7</b>	<b>11.7</b>	<i>10.8</i>	<i>12.3</i>	<i>12.6</i>	<i>12.5</i>	<i>12.0</i>	<i>12.2</i>	<i>12.5</i>	<i>12.4</i>	<i>48.7</i>	<i>48.1</i>	<i>49.1</i>
Total Net Domestic Supply .....	<b>268.4</b>	<b>269.9</b>	<b>273.7</b>	<b>278.5</b>	<i>255.7</i>	<i>256.7</i>	<i>282.4</i>	<i>279.0</i>	<i>271.1</i>	<i>262.5</i>	<i>282.0</i>	<i>282.8</i>	<i>1090.4</i>	<i>1073.7</i>	<i>1098.4</i>
Secondary Stock Levels <sup>b</sup>															
Opening.....	<b>108.1</b>	<b>113.7</b>	<b>128.6</b>	<b>118.4</b>	<i>138.5</i>	<i>139.5</i>	<i>143.6</i>	<i>131.0</i>	<i>127.2</i>	<i>132.0</i>	<i>138.9</i>	<i>121.4</i>	<i>108.1</i>	<i>138.5</i>	<i>127.2</i>
Closing.....	<b>113.7</b>	<b>128.6</b>	<b>118.4</b>	<b>138.5</b>	<i>139.5</i>	<i>143.6</i>	<i>131.0</i>	<i>127.2</i>	<i>132.0</i>	<i>138.9</i>	<i>121.4</i>	<i>116.7</i>	<i>138.5</i>	<i>127.2</i>	<i>116.7</i>
Net Withdrawals.....	<b>-5.5</b>	<b>-14.9</b>	<b>10.2</b>	<b>-20.2</b>	<i>-1.0</i>	<i>-4.1</i>	<i>12.6</i>	<i>3.8</i>	<i>-4.9</i>	<i>-6.9</i>	<i>17.5</i>	<i>4.7</i>	<i>-30.4</i>	<i>11.4</i>	<i>10.5</i>
Waste Coal Supplied to IPPs <sup>c</sup> .....	<b>2.6</b>	<b>2.6</b>	<b>2.6</b>	<b>2.6</b>	<i>2.8</i>	<i>2.8</i>	<i>2.8</i>	<i>2.8</i>	<i>2.9</i>	<i>2.9</i>	<i>2.9</i>	<i>2.9</i>	<i>10.6</i>	<i>11.1</i>	<i>11.6</i>
Total Supply.....	<b>265.5</b>	<b>257.6</b>	<b>286.5</b>	<b>260.9</b>	<i>257.4</i>	<i>255.4</i>	<i>297.8</i>	<i>285.6</i>	<i>269.1</i>	<i>258.5</i>	<i>302.4</i>	<i>290.4</i>	<i>1070.6</i>	<i>1096.2</i>	<i>1120.5</i>
<b>Demand</b>															
Coke Plants .....	<b>6.8</b>	<b>6.9</b>	<b>6.6</b>	<b>5.8</b>	<i>6.3</i>	<i>6.3</i>	<i>6.6</i>	<i>6.2</i>	<i>6.6</i>	<i>6.4</i>	<i>6.5</i>	<i>6.1</i>	<i>26.1</i>	<i>25.4</i>	<i>25.6</i>
Electricity Production															
Electric Utilities .....	<b>203.9</b>	<b>196.1</b>	<b>223.7</b>	<b>194.6</b>	<i>198.9</i>	<i>198.3</i>	<i>234.3</i>	<i>222.3</i>	<i>206.5</i>	<i>200.6</i>	<i>238.2</i>	<i>226.5</i>	<i>818.4</i>	<i>853.8</i>	<i>871.8</i>
Nonutilities (Excl. Cogen.) <sup>d</sup> .....	<b>36.7</b>	<b>34.7</b>	<b>40.8</b>	<b>38.5</b>	<i>37.7</i>	<i>35.7</i>	<i>41.5</i>	<i>39.2</i>	<i>38.5</i>	<i>36.4</i>	<i>42.5</i>	<i>40.1</i>	<i>150.6</i>	<i>154.1</i>	<i>157.5</i>
Retail and General Industry.....	<b>18.3</b>	<b>16.2</b>	<b>16.4</b>	<b>17.0</b>	<i>16.9</i>	<i>15.2</i>	<i>15.3</i>	<i>17.9</i>	<i>17.5</i>	<i>15.2</i>	<i>15.2</i>	<i>17.7</i>	<i>67.9</i>	<i>65.3</i>	<i>65.6</i>
Total Demand <sup>e</sup> .....	<b>265.7</b>	<b>254.0</b>	<b>287.4</b>	<b>255.8</b>	<i>259.8</i>	<i>255.4</i>	<i>297.8</i>	<i>285.6</i>	<i>269.1</i>	<i>258.5</i>	<i>302.4</i>	<i>290.4</i>	<i>1063.0</i>	<i>1098.6</i>	<i>1120.5</i>
Discrepancy <sup>f</sup> .....	<b>-0.2</b>	<b>3.6</b>	<b>-0.9</b>	<b>5.2</b>	<i>-2.4</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	<i>7.6</i>	<i>-2.4</i>	<i>0.0</i>

<sup>a</sup>Primary stocks are held at the mines, preparation plants, and distribution points.

<sup>b</sup>Secondary stocks are held by users. It includes an estimate of stocks held at utility plants sold to nonutility generators.

<sup>c</sup>Estimated independent power producers' (IPPs) consumption of waste coal. This item includes waste coal and coal slurry reprocessed into briquettes.

<sup>d</sup>Estimates of coal consumption by IPPs, supplied by the Office of Coal, Nuclear, Electric, and Alternate Fuels, Energy Information Administration (EIA). Quarterly coal consumption estimates for 2000 and projections for 2001 and 2002 are based on (1) estimated consumption by utility power plants sold to nonutility generators during 1999 and 2000, and (2) annual coal-fired generation at nonutilities from Form EIA-867 (Annual Nonutility Power Producer Report).

<sup>e</sup>Total Demand includes estimated IPP consumption.

<sup>f</sup>The discrepancy reflects an unaccounted-for shipper and receiver reporting difference, assumed to be zero in the forecast period.

Notes: Rows and columns may not add due to independent rounding. Historical data are printed in bold; forecasts are in italics. The forecasts were generated by simulation of the Short-Term Integrated Forecasting System.

Sources: Historical data: Energy Information Administration: latest data available from EIA databases supporting the following reports: Quarterly Coal Report, DOE/EIA-0121, and Electric Power Monthly, DOE/EIA-0226. Projections: Energy Information Administration, Short-Term Integrated Forecasting System database, and Office of Coal, Nuclear, Electric and Alternate Fuels.

**Table 10. U.S. Electricity Supply and Demand: Mid World Oil Price Case**  
(Billion Kilowatt-hours)

	2001				2002				2003				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2001	2002	2003
<b>Supply</b>															
Net Utility Generation															
Coal .....	<b>399.8</b>	<b>383.2</b>	<b>431.7</b>	<b>375.1</b>	<i>378.0</i>	<i>377.6</i>	<i>446.3</i>	<i>426.5</i>	<i>393.6</i>	<i>382.3</i>	<i>454.6</i>	<i>435.7</i>	<i>1589.8</i>	<i>1628.4</i>	<i>1666.2</i>
Petroleum.....	<b>24.2</b>	<b>21.8</b>	<b>21.6</b>	<b>12.0</b>	<i>16.5</i>	<i>11.0</i>	<i>22.1</i>	<i>12.1</i>	<i>18.6</i>	<i>10.2</i>	<i>22.7</i>	<i>13.5</i>	<i>79.6</i>	<i>61.8</i>	<i>64.9</i>
Natural Gas.....	<b>45.7</b>	<b>69.1</b>	<b>95.0</b>	<b>53.1</b>	<i>46.9</i>	<i>71.3</i>	<i>94.6</i>	<i>52.1</i>	<i>47.4</i>	<i>72.0</i>	<i>97.2</i>	<i>53.7</i>	<i>262.8</i>	<i>264.9</i>	<i>270.2</i>
Nuclear .....	<b>135.8</b>	<b>130.1</b>	<b>140.4</b>	<b>127.4</b>	<i>130.3</i>	<i>127.7</i>	<i>137.5</i>	<i>127.7</i>	<i>131.1</i>	<i>128.5</i>	<i>138.4</i>	<i>128.5</i>	<i>533.7</i>	<i>523.1</i>	<i>526.6</i>
Hydroelectric.....	<b>50.4</b>	<b>50.8</b>	<b>46.7</b>	<b>45.0</b>	<i>55.6</i>	<i>63.2</i>	<i>56.9</i>	<i>59.2</i>	<i>69.1</i>	<i>74.6</i>	<i>62.7</i>	<i>62.1</i>	<i>192.9</i>	<i>234.9</i>	<i>268.5</i>
Geothermal and Other <sup>a</sup> .....	<b>0.6</b>	<b>0.6</b>	<b>0.6</b>	<b>0.4</b>	<i>0.5</i>	<i>0.6</i>	<i>0.6</i>	<i>0.6</i>	<i>0.6</i>	<i>0.6</i>	<i>0.6</i>	<i>0.6</i>	<i>2.3</i>	<i>2.3</i>	<i>2.4</i>
Subtotal.....	<b>656.5</b>	<b>655.5</b>	<b>736.1</b>	<b>613.0</b>	<i>627.8</i>	<i>651.4</i>	<i>758.0</i>	<i>678.2</i>	<i>660.4</i>	<i>668.1</i>	<i>776.2</i>	<i>694.1</i>	<i>2661.0</i>	<i>2715.3</i>	<i>2798.8</i>
Nonutility Generation <sup>b</sup>															
Coal .....	<b>93.5</b>	<b>81.1</b>	<b>96.1</b>	<b>82.3</b>	<i>90.5</i>	<i>78.4</i>	<i>90.3</i>	<i>60.5</i>	<i>94.4</i>	<i>79.1</i>	<i>92.0</i>	<i>61.8</i>	<i>353.0</i>	<i>319.7</i>	<i>327.3</i>
Petroleum.....	<b>17.0</b>	<b>12.0</b>	<b>11.9</b>	<b>7.3</b>	<i>11.7</i>	<i>6.6</i>	<i>11.5</i>	<i>8.4</i>	<i>13.2</i>	<i>6.0</i>	<i>11.8</i>	<i>9.3</i>	<i>48.2</i>	<i>38.1</i>	<i>40.3</i>
Natural Gas.....	<b>78.4</b>	<b>83.9</b>	<b>109.1</b>	<b>87.0</b>	<i>84.6</i>	<i>86.9</i>	<i>107.3</i>	<i>87.6</i>	<i>85.5</i>	<i>87.6</i>	<i>110.3</i>	<i>90.3</i>	<i>358.3</i>	<i>366.4</i>	<i>373.8</i>
Other Gaseous Fuels <sup>c</sup> .....	<b>4.0</b>	<b>4.3</b>	<b>5.6</b>	<b>4.5</b>	<i>4.2</i>	<i>4.4</i>	<i>5.2</i>	<i>4.6</i>	<i>4.2</i>	<i>4.4</i>	<i>5.2</i>	<i>4.6</i>	<i>18.5</i>	<i>18.3</i>	<i>18.3</i>
Nuclear .....	<b>56.2</b>	<b>55.3</b>	<b>60.4</b>	<b>61.7</b>	<i>61.8</i>	<i>60.8</i>	<i>65.5</i>	<i>60.8</i>	<i>62.4</i>	<i>61.1</i>	<i>65.8</i>	<i>61.3</i>	<i>233.6</i>	<i>248.8</i>	<i>250.6</i>
Hydroelectric.....	<b>5.3</b>	<b>6.4</b>	<b>3.3</b>	<b>3.3</b>	<i>5.5</i>	<i>8.0</i>	<i>4.1</i>	<i>5.7</i>	<i>7.3</i>	<i>9.5</i>	<i>4.5</i>	<i>6.0</i>	<i>18.4</i>	<i>23.3</i>	<i>27.3</i>
Geothermal and Other <sup>d</sup> .....	<b>20.4</b>	<b>21.5</b>	<b>22.2</b>	<b>21.9</b>	<i>20.1</i>	<i>20.9</i>	<i>22.1</i>	<i>20.9</i>	<i>20.3</i>	<i>20.9</i>	<i>22.1</i>	<i>20.9</i>	<i>86.1</i>	<i>84.0</i>	<i>84.2</i>
Subtotal.....	<b>275.0</b>	<b>264.5</b>	<b>308.6</b>	<b>267.9</b>	<i>278.4</i>	<i>265.8</i>	<i>305.9</i>	<i>248.5</i>	<i>287.3</i>	<i>268.6</i>	<i>311.7</i>	<i>254.2</i>	<i>1116.0</i>	<i>1098.6</i>	<i>1121.8</i>
Total Generation .....	<b>931.4</b>	<b>920.0</b>	<b>1044.7</b>	<b>881.0</b>	<i>906.1</i>	<i>917.2</i>	<i>1063.9</i>	<i>926.6</i>	<i>947.7</i>	<i>936.7</i>	<i>1088.0</i>	<i>948.3</i>	<i>3777.0</i>	<i>3813.9</i>	<i>3920.6</i>
Net Imports <sup>e</sup> .....	<b>3.6</b>	<b>7.2</b>	<b>5.1</b>	<b>4.4</b>	<i>4.9</i>	<i>8.5</i>	<i>6.3</i>	<i>5.6</i>	<i>6.1</i>	<i>7.7</i>	<i>11.1</i>	<i>6.6</i>	<i>20.3</i>	<i>25.3</i>	<i>31.4</i>
Total Supply .....	<b>936.4</b>	<b>927.8</b>	<b>1049.7</b>	<b>885.3</b>	<i>911.0</i>	<i>925.7</i>	<i>1070.2</i>	<i>932.2</i>	<i>953.7</i>	<i>944.5</i>	<i>1099.1</i>	<i>954.8</i>	<i>3799.3</i>	<i>3839.2</i>	<i>3952.1</i>
Losses and Unaccounted for <sup>f</sup> .....	<b>34.4</b>	<b>72.9</b>	<b>54.2</b>	<b>53.5</b>	<i>48.4</i>	<i>76.1</i>	<i>67.6</i>	<i>61.2</i>	<i>50.8</i>	<i>77.8</i>	<i>69.6</i>	<i>62.7</i>	<i>215.1</i>	<i>253.3</i>	<i>260.9</i>
<b>Demand</b>															
Retail Sales <sup>g</sup>															
Residential .....	<b>322.8</b>	<b>263.2</b>	<b>353.8</b>	<b>262.8</b>	<i>303.9</i>	<i>264.2</i>	<i>358.5</i>	<i>287.4</i>	<i>325.7</i>	<i>267.8</i>	<i>368.9</i>	<i>293.2</i>	<i>1202.5</i>	<i>1214.1</i>	<i>1255.6</i>
Commercial.....	<b>256.9</b>	<b>264.8</b>	<b>305.6</b>	<b>258.4</b>	<i>256.6</i>	<i>269.2</i>	<i>308.9</i>	<i>266.0</i>	<i>264.8</i>	<i>274.4</i>	<i>317.7</i>	<i>273.7</i>	<i>1085.7</i>	<i>1100.6</i>	<i>1130.6</i>
Industrial .....	<b>248.3</b>	<b>253.3</b>	<b>253.1</b>	<b>241.3</b>	<i>232.7</i>	<i>246.6</i>	<i>257.5</i>	<i>247.1</i>	<i>239.4</i>	<i>251.3</i>	<i>261.5</i>	<i>250.9</i>	<i>996.0</i>	<i>983.9</i>	<i>1003.1</i>
Other.....	<b>27.3</b>	<b>28.5</b>	<b>33.8</b>	<b>28.3</b>	<i>28.5</i>	<i>28.9</i>	<i>31.8</i>	<i>29.4</i>	<i>29.1</i>	<i>29.2</i>	<i>32.3</i>	<i>29.8</i>	<i>117.9</i>	<i>118.6</i>	<i>120.4</i>
Subtotal.....	<b>855.3</b>	<b>809.8</b>	<b>946.3</b>	<b>790.7</b>	<i>821.7</i>	<i>808.9</i>	<i>956.8</i>	<i>829.8</i>	<i>859.0</i>	<i>822.7</i>	<i>980.4</i>	<i>847.6</i>	<i>3402.1</i>	<i>3417.2</i>	<i>3509.7</i>
Nonutility Use/Sales <sup>h</sup> .....	<b>46.7</b>	<b>45.0</b>	<b>49.2</b>	<b>41.0</b>	<i>41.0</i>	<i>40.7</i>	<i>45.8</i>	<i>41.3</i>	<i>44.0</i>	<i>44.0</i>	<i>49.1</i>	<i>44.5</i>	<i>182.0</i>	<i>168.7</i>	<i>181.5</i>
Total Demand .....	<b>902.0</b>	<b>854.8</b>	<b>995.5</b>	<b>831.8</b>	<i>862.7</i>	<i>849.6</i>	<i>1002.6</i>	<i>871.1</i>	<i>903.0</i>	<i>866.7</i>	<i>1029.5</i>	<i>892.1</i>	<i>3584.1</i>	<i>3585.9</i>	<i>3691.2</i>
<b>Memo:</b>															
Nonutility Sales to															
Electric Utilities <sup>b</sup> .....	<b>228.2</b>	<b>219.5</b>	<b>259.4</b>	<b>226.9</b>	<i>237.4</i>	<i>225.1</i>	<i>260.2</i>	<i>207.2</i>	<i>243.3</i>	<i>224.7</i>	<i>262.7</i>	<i>209.7</i>	<i>934.0</i>	<i>929.9</i>	<i>940.3</i>

<sup>a</sup>"Other" includes generation from wind, wood, waste, and solar sources.

<sup>b</sup>Electricity(net Generation) from nonutility sources, including cogenerators and small power producers.

<sup>c</sup>Includes refinery still gas and other process or waste gases and liquefied petroleum gases.

<sup>d</sup>Includes geothermal, solar, wind, wood, waste, hydrogen, sulfur, batteries, chemicals and spent sulfite liquor.

<sup>e</sup>Data for 2000 are estimates.

<sup>f</sup>Balancing item, mainly transmission and distribution losses.

<sup>g</sup>Total of retail electricity sales by electric utilities and power marketers. Utility sales for historical periods are reported in EIA'S Electric Power Monthly and Electric Power Annual. Power marketers' sales are reported annually in Appendix C of EIA's Electric Sales and Revenue. Quarterly data for power marketers ( and thus retail sales totals) are imputed. Data for 2000 are estimated.

<sup>h</sup>Defined as the sum of nonutility facility use of onsite net electricity generation plus direct sales of power by nonutility generators to third parties, reported annually in Table 7.5 of the Monthly Energy Review (MER). Data for 2000 are estimates.

Notes: Minor discrepancies with other EIA published historical data are due to rounding. Historical data are printed in bold; forecasts are in italics. The forecasts were generated by simulation of the Short-Term Integrated Forecasting System.

Sources: Historical data: Energy Information Administration; latest data available from EIA databases supporting the following report: Electric Power Monthly, DOE/EIA-0226. Projections: Energy Information Administration, Short-Term Integrated Forecasting System database, and Office of Coal, Nuclear, Electric and Alternate Fuels.

**Table 11. U.S. Renewable Energy Use by Sector: Mid World Oil Price Case**  
(Quadrillion Btu)

	Year				Annual Percentage Change		
	2000	2001	2002	2003	2000-2001	2001-2002	2002-2003
<b>Electric Utilities</b>							
Hydroelectric Power <sup>a</sup> .....	<b>2.600</b>	<b>2.020</b>	<i>2.460</i>	<i>2.813</i>	<b>-22.3</b>	<i>21.8</i>	<i>14.3</i>
Geothermal, Solar and Wind Energy <sup>b</sup> .....	<b>0.004</b>	<b>0.004</b>	<i>0.004</i>	<i>0.005</i>	<b>0.0</b>	<i>0.0</i>	<i>25.0</i>
Biofuels <sup>c</sup> .....	<b>0.021</b>	<b>0.021</b>	<i>0.021</i>	<i>0.021</i>	<b>0.0</b>	<i>0.0</i>	<i>0.0</i>
Total .....	<b>2.625</b>	<b>2.046</b>	<i>2.486</i>	<i>2.839</i>	<b>-22.1</b>	<i>21.5</i>	<i>14.2</i>
<b>Nonutility Power Generators</b>							
Hydroelectric Power <sup>a</sup> .....	<b>0.149</b>	<b>0.190</b>	<i>0.241</i>	<i>0.282</i>	<b>27.5</b>	<i>26.8</i>	<i>17.0</i>
Geothermal, Solar and Wind Energy <sup>b</sup> .....	<b>0.355</b>	<b>0.375</b>	<i>0.361</i>	<i>0.366</i>	<b>5.6</b>	<i>-3.7</i>	<i>1.4</i>
Biofuels <sup>c</sup> .....	<b>0.523</b>	<b>0.663</b>	<i>0.659</i>	<i>0.659</i>	<b>26.8</b>	<i>-0.6</i>	<i>0.0</i>
Total .....	<b>1.027</b>	<b>1.228</b>	<i>1.261</i>	<i>1.307</i>	<b>19.6</b>	<i>2.7</i>	<i>3.6</i>
Total Power Generation.....	<b>3.652</b>	<b>3.274</b>	<i>3.747</i>	<i>4.146</i>	<b>-10.4</b>	<i>14.4</i>	<i>10.6</i>
<b>Other Sectors <sup>d</sup></b>							
Residential and Commercial <sup>e</sup> .....	<b>0.570</b>	<b>0.560</b>	<i>0.560</i>	<i>0.590</i>	<b>-1.8</b>	<i>0.0</i>	<i>5.4</i>
Industrial <sup>f</sup> .....	<b>2.410</b>	<b>2.410</b>	<i>2.470</i>	<i>2.540</i>	<b>0.0</b>	<i>2.5</i>	<i>2.8</i>
Transportation <sup>g</sup> .....	<b>0.114</b>	<b>0.122</b>	<i>0.127</i>	<i>0.143</i>	<b>7.0</b>	<i>4.1</i>	<i>12.6</i>
Total .....	<b>3.094</b>	<b>3.092</b>	<i>3.157</i>	<i>3.273</i>	<b>-0.1</b>	<i>2.1</i>	<i>3.7</i>
Net Imported Electricity <sup>h</sup> .....	<b>0.244</b>	<b>0.146</b>	<i>0.181</i>	<i>0.225</i>	<b>-40.2</b>	<i>24.0</i>	<i>24.3</i>
Total Renewable Energy Demand.....	<b>6.990</b>	<b>6.512</b>	<i>7.085</i>	<i>7.644</i>	<b>-6.8</b>	<i>8.8</i>	<i>7.9</i>

<sup>a</sup>Conventional hydroelectric power only. Hydroelectricity generated by pumped storage is not included in renewable energy.

<sup>b</sup>Also includes photovoltaic and solar thermal energy. Sharp declines since 1998 in the electric utility sector and corresponding increases in the nonutility sector for this category mostly reflect sale of geothermal facilities to the nonutility sector.

<sup>c</sup>Biofuels are fuelwood, wood byproducts, waste wood, municipal solid waste, manufacturing process waste, and alcohol fuels.

<sup>d</sup>Renewable energy includes minor components of non-marketed renewable energy, which is renewable energy that is neither bought nor sold, either directly or indirectly as inputs to marketed energy. The Energy Information Administration does not estimate or project total consumption of non-marketed renewable energy.

<sup>e</sup>Includes biofuels and solar energy consumed in the residential and commercial sectors.

<sup>f</sup>consists primarily of biofuels for use other than in electricity cogeneration.

<sup>g</sup>Ethanol blended into gasoline.

<sup>h</sup>Represents 69.3 percent of total electricity net imports, which is the proportion of total 1999 net imported electricity (0.300 quadrillion Btu) attributable to renewable sources (0.208 quadrillion Btu). See EIA's Monthly Energy Review, Table 1.5

Notes: Minor discrepancies with other published EIA historical data are due to independent rounding. Historical data are printed in bold; forecasts are in italics. The forecasts were generated by simulation of the Short-Term Integrated Forecasting System.

**Table A1. Annual U.S. Energy Supply and Demand**

	Year														
	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
<b>Real Gross Domestic Product (GDP)</b> (billion chained 1996 dollars).....	<b>6592</b>	<b>6708</b>	<b>6676</b>	<b>6880</b>	<b>7063</b>	<b>7348</b>	<b>7544</b>	<b>7813</b>	<b>8159</b>	<b>8509</b>	<b>8857</b>	<b>9224</b>	<i>9334</i>	<i>9528</i>	<i>9883</i>
Imported Crude Oil Price <sup>a</sup> (nominal dollars per barrel).....	<b>18.08</b>	<b>21.75</b>	<b>18.70</b>	<b>18.20</b>	<b>16.14</b>	<b>15.52</b>	<b>17.14</b>	<b>20.61</b>	<b>18.50</b>	<b>12.08</b>	<b>17.22</b>	<b>27.72</b>	<i>22.03</i>	<i>22.49</i>	<i>25.18</i>
<b>Petroleum Supply</b>															
Crude Oil Production <sup>b</sup> (million barrels per day).....	<b>7.61</b>	<b>7.36</b>	<b>7.42</b>	<b>7.17</b>	<b>6.85</b>	<b>6.66</b>	<b>6.56</b>	<b>6.46</b>	<b>6.45</b>	<b>6.25</b>	<b>5.88</b>	<b>5.82</b>	<i>5.85</i>	<i>5.90</i>	<i>5.93</i>
Total Petroleum Net Imports (including SPR) (million barrels per day).....	<b>7.20</b>	<b>7.16</b>	<b>6.63</b>	<b>6.94</b>	<b>7.62</b>	<b>8.05</b>	<b>7.89</b>	<b>8.50</b>	<b>9.16</b>	<b>9.76</b>	<b>9.91</b>	<b>10.42</b>	<i>10.87</i>	<i>10.41</i>	<i>11.00</i>
<b>Energy Demand</b>															
World Petroleum (million barrels per day).....	<b>65.9</b>	<b>66.0</b>	<b>66.6</b>	<b>66.8</b>	<b>67.0</b>	<b>68.3</b>	<b>69.9</b>	<b>71.4</b>	<b>72.9</b>	<b>73.6</b>	<b>75.0</b>	<b>76.0</b>	<i>76.0</i>	<i>76.6</i>	<i>77.9</i>
U.S. Petroleum (million barrels per day).....	<b>17.37</b>	<b>17.04</b>	<b>16.77</b>	<b>17.10</b>	<b>17.24</b>	<b>17.72</b>	<b>17.72</b>	<b>18.31</b>	<b>18.62</b>	<b>18.92</b>	<b>19.52</b>	<b>19.70</b>	<i>19.63</i>	<i>19.62</i>	<i>20.26</i>
Natural Gas (trillion cubic feet).....	<b>18.80</b>	<b>18.72</b>	<b>19.03</b>	<b>19.54</b>	<b>20.28</b>	<b>20.71</b>	<b>21.58</b>	<b>21.96</b>	<b>21.95</b>	<b>21.26</b>	<b>21.61</b>	<b>22.54</b>	<i>21.47</i>	<i>22.07</i>	<i>23.00</i>
Coal (million short tons).....	<b>889</b>	<b>896</b>	<b>893</b>	<b>901</b>	<b>943</b>	<b>950</b>	<b>962</b>	<b>1006</b>	<b>1030</b>	<b>1038</b>	<b>1045</b>	<b>1081</b>	<i>1063</i>	<i>1099</i>	<i>1120</i>
Electricity (billion kilowatthours) Retail Sales <sup>c</sup> .....	<b>2647</b>	<b>2713</b>	<b>2762</b>	<b>2763</b>	<b>2861</b>	<b>2935</b>	<b>3013</b>	<b>3101</b>	<b>3146</b>	<b>3264</b>	<b>3312</b>	<b>3421</b>	<i>3402</i>	<i>3417</i>	<i>3510</i>
Nonutility Own Use <sup>d</sup> .....	<b>NA</b>	<b>104</b>	<b>111</b>	<b>122</b>	<b>127</b>	<b>141</b>	<b>149</b>	<b>149</b>	<b>149</b>	<b>160</b>	<b>189</b>	<b>185</b>	<i>182</i>	<i>169</i>	<i>182</i>
Total.....	<b>2747</b>	<b>2817</b>	<b>2873</b>	<b>2885</b>	<b>2988</b>	<b>3075</b>	<b>3162</b>	<b>3250</b>	<b>3295</b>	<b>3424</b>	<b>3501</b>	<b>3606</b>	<i>3584</i>	<i>3586</i>	<i>3691</i>
Total Energy Demand <sup>e</sup> (quadrillion Btu).....	<b>84.2</b>	<b>84.2</b>	<b>84.5</b>	<b>85.6</b>	<b>87.4</b>	<b>89.2</b>	<b>90.9</b>	<b>93.9</b>	<b>94.2</b>	<b>95.2</b>	<b>97.1</b>	<b>99.6</b>	<i>97.4</i>	<i>99.2</i>	<i>102.5</i>
Total Energy Demand per Dollar of GDP (thousand Btu per 1996 Dollar).....	<b>NA</b>	<b>12.55</b>	<b>12.66</b>	<b>12.44</b>	<b>12.37</b>	<b>12.14</b>	<b>12.05</b>	<b>12.04</b>	<b>11.54</b>	<b>11.19</b>	<b>10.96</b>	<b>10.80</b>	<i>10.43</i>	<i>10.41</i>	<i>10.37</i>

<sup>a</sup>Refers to the imported cost of crude oil to U.S. refiners.

<sup>b</sup>Includes lease condensate.

<sup>c</sup>Total of retail electricity sales by electric utilities and power marketers. Utility sales for historical periods are reported in EIA's Electric Power Monthly and Electric Power Annual. Power marketers' sales for historical periods are reported in EIA's Electric Sales and Revenue, Appendix C. Data for 2000 are estimates.

<sup>d</sup>Defined as the sum of nonutility facility use of onsite net electricity generation plus direct sales of power by nonutility generators to third parties, reported annually in Table 7.5 of the Monthly Energy Review (MER). Data for 2000 are estimates.

<sup>e</sup>"Total Energy Demand" refers to the aggregate energy concept presented in Energy Information Administration, Annual Energy Review, 1999, DOE/EIA-0384(97) (AER), Table 1.1. Prior to 1990, some components of renewable energy consumption, particularly relating to consumption at nonutility electric generating facilities, were not available. For those years, a less comprehensive measure of total energy demand can be found in EIA's AER. The conversion from physical units to Btu is calculated using a subset of conversion factors used in the calculations performed for gross energy consumption in Energy Information Administration, Monthly Energy Review (MER). Consequently, the historical data may not precisely match those published in the MER or the AER.

Notes: SPR: Strategic Petroleum Reserve. Minor discrepancies with other published EIA historical data are due to independent rounding. Historical data are printed in bold; forecasts are in italics. The forecasts were generated by simulation of the Short-Term Integrated Forecasting System.

Sources: Historical data: Latest data available from Bureau of Economic Analysis; Energy Information Administration; latest data available from EIA databases supporting the following reports: Petroleum Supply Monthly, DOE/EIA-0109; Petroleum Supply Annual, DOE/EIA-0340/2; Natural Gas Monthly, DOE/EIA-0130; Electric Power Monthly, DOE/EIA-0226; Quarterly Coal Report, DOE/EIA-0121; International Petroleum Monthly DOE/EIA-520, and Weekly Petroleum Status Report DOE/EIA-0208. Macroeconomic projections are based on DRI-WEFA Forecast CONTROL0402.

**Table A2. Annual U.S. Macroeconomic and Weather Indicators**

	Year														
	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
<b>Macroeconomic</b>															
Real Gross Domestic Product (billion chained 1996 dollars).....	<b>6592</b>	<b>6708</b>	<b>6676</b>	<b>6880</b>	<b>7063</b>	<b>7348</b>	<b>7544</b>	<b>7813</b>	<b>8159</b>	<b>8509</b>	<b>8857</b>	<b>9224</b>	<i>9334</i>	<i>9528</i>	<i>9883</i>
GDP Implicit Price Deflator (Index, 1996=1.000).....	<b>0.833</b>	<b>0.865</b>	<b>0.897</b>	<b>0.919</b>	<b>0.941</b>	<b>0.960</b>	<b>0.981</b>	<b>1.000</b>	<b>1.019</b>	<b>1.032</b>	<b>1.047</b>	<b>1.070</b>	<i>1.094</i>	<i>1.112</i>	<i>1.136</i>
Real Disposable Personal Income (billion chained 1996 Dollars).....	<b>4907</b>	<b>5014</b>	<b>5033</b>	<b>5189</b>	<b>5261</b>	<b>5397</b>	<b>5539</b>	<b>5678</b>	<b>5854</b>	<b>6169</b>	<b>6320</b>	<b>6539</b>	<i>6772</i>	<i>6986</i>	<i>7201</i>
Manufacturing Production (Index, 1996=1.000).....	<b>0.816</b>	<b>0.812</b>	<b>0.792</b>	<b>0.824</b>	<b>0.853</b>	<b>0.905</b>	<b>0.953</b>	<b>1.000</b>	<b>1.079</b>	<b>1.142</b>	<b>1.191</b>	<b>1.247</b>	<i>1.194</i>	<i>1.187</i>	<i>1.265</i>
Real Fixed Investment (billion chained 1996 dollars).....	<b>911</b>	<b>895</b>	<b>833</b>	<b>886</b>	<b>958</b>	<b>1046</b>	<b>1109</b>	<b>1213</b>	<b>1329</b>	<b>1480</b>	<b>1595</b>	<b>1716</b>	<i>1683</i>	<i>1628</i>	<i>1721</i>
Real Exchange Rate (Index, 1996=1.000).....	<b>NA</b>	<b>0.913</b>	<b>0.915</b>	<b>0.923</b>	<b>0.958</b>	<b>0.938</b>	<b>0.875</b>	<b>0.919</b>	<b>0.990</b>	<b>1.039</b>	<b>1.039</b>	<b>1.076</b>	<i>1.131</i>	<i>1.184</i>	<i>1.109</i>
Business Inventory Change (billion chained 1996 dollars).....	<b>14.2</b>	<b>8.9</b>	<b>-6.8</b>	<b>-4.7</b>	<b>3.6</b>	<b>12.1</b>	<b>14.1</b>	<b>10.1</b>	<b>14.8</b>	<b>27.2</b>	<b>13.3</b>	<b>13.1</b>	<i>-35.4</i>	<i>-9.9</i>	<i>12.1</i>
Producer Price Index (index, 1982=1.000).....	<b>1.122</b>	<b>1.163</b>	<b>1.165</b>	<b>1.172</b>	<b>1.189</b>	<b>1.205</b>	<b>1.248</b>	<b>1.277</b>	<b>1.276</b>	<b>1.244</b>	<b>1.255</b>	<b>1.328</b>	<i>1.343</i>	<i>1.307</i>	<i>1.336</i>
Consumer Price Index (index, 1982-1984=1.000).....	<b>1.240</b>	<b>1.308</b>	<b>1.363</b>	<b>1.404</b>	<b>1.445</b>	<b>1.482</b>	<b>1.524</b>	<b>1.569</b>	<b>1.605</b>	<b>1.630</b>	<b>1.666</b>	<b>1.722</b>	<i>1.771</i>	<i>1.806</i>	<i>1.855</i>
Petroleum Product Price Index (index, 1982=1.000).....	<b>0.612</b>	<b>0.748</b>	<b>0.671</b>	<b>0.647</b>	<b>0.620</b>	<b>0.591</b>	<b>0.608</b>	<b>0.701</b>	<b>0.680</b>	<b>0.513</b>	<b>0.609</b>	<b>0.913</b>	<i>0.853</i>	<i>0.768</i>	<i>0.874</i>
Non-Farm Employment (millions).....	<b>107.9</b>	<b>109.4</b>	<b>108.3</b>	<b>108.6</b>	<b>110.7</b>	<b>114.1</b>	<b>117.2</b>	<b>119.6</b>	<b>122.7</b>	<b>125.8</b>	<b>128.9</b>	<b>131.8</b>	<i>132.2</i>	<i>131.5</i>	<i>133.5</i>
Commercial Employment (millions).....	<b>70.0</b>	<b>71.3</b>	<b>70.8</b>	<b>71.2</b>	<b>73.2</b>	<b>76.1</b>	<b>78.8</b>	<b>81.1</b>	<b>83.9</b>	<b>86.6</b>	<b>89.6</b>	<b>92.1</b>	<i>93.1</i>	<i>93.0</i>	<i>94.8</i>
Total Industrial Production (index, 1996=1.000).....	<b>0.8</b>	<b>0.8</b>	<b>0.8</b>	<b>0.8</b>	<b>0.9</b>	<b>0.9</b>	<b>1.0</b>	<b>1.0</b>	<b>1.1</b>	<b>1.1</b>	<b>1.2</b>	<b>1.2</b>	<i>1.2</i>	<i>1.2</i>	<i>1.2</i>
Housing Stock (millions).....	<b>102.8</b>	<b>103.4</b>	<b>104.4</b>	<b>105.4</b>	<b>106.7</b>	<b>108.0</b>	<b>109.6</b>	<b>110.9</b>	<b>112.3</b>	<b>114.1</b>	<b>115.7</b>	<b>116.2</b>	<i>117.9</i>	<i>119.6</i>	<i>121.0</i>
<b>Weather <sup>a</sup></b>															
Heating Degree-Days															
U.S. ....	<b>4726</b>	<b>4016</b>	<b>4200</b>	<b>4441</b>	<b>4700</b>	<b>4483</b>	<b>4531</b>	<b>4713</b>	<b>4542</b>	<b>3951</b>	<b>4169</b>	<b>4460</b>	<i>4223</i>	<i>4249</i>	<i>4456</i>
New England .....	<b>6887</b>	<b>5848</b>	<b>5960</b>	<b>6844</b>	<b>6728</b>	<b>6672</b>	<b>6559</b>	<b>6679</b>	<b>6662</b>	<b>5680</b>	<b>5952</b>	<b>6489</b>	<i>6059</i>	<i>5987</i>	<i>6457</i>
Middle Atlantic .....	<b>6134</b>	<b>4998</b>	<b>5177</b>	<b>5964</b>	<b>5948</b>	<b>5934</b>	<b>5831</b>	<b>5986</b>	<b>5809</b>	<b>4812</b>	<b>5351</b>	<b>5774</b>	<i>5297</i>	<i>5208</i>	<i>5693</i>
U.S. Gas-Weighted.....	<b>4856</b>	<b>4139</b>	<b>4337</b>	<b>4458</b>	<b>4754</b>	<b>4659</b>	<b>4707</b>	<b>4980</b>	<b>4802</b>	<b>4183</b>	<b>4399</b>	<b>4680</b>	<i>4451</i>	<i>4496</i>	<i>4706</i>
Cooling Degree-Days (U.S.).....	<b>1156.0</b>	<b>1260.0</b>	<b>1331.0</b>	<b>1040.0</b>	<b>1218.0</b>	<b>1220.0</b>	<b>1293.0</b>	<b>1180.0</b>	<b>1156.0</b>	<b>1410.0</b>	<b>1297.0</b>	<b>1229.0</b>	<i>1256.0</i>	<i>1265.4</i>	<i>1238.3</i>

<sup>a</sup>Population-weighted degree-days. A degree-day indicates the temperature variation from 65 degrees Fahrenheit (calculated as the simple average of the daily minimum and maximum temperatures) weighted by 1990 population.

Notes: Historical data are printed in bold; forecasts are in italics.

Sources: Historical data: latest data available from: U.S. Department of Commerce, Bureau of Economic Analysis; U.S. Department of Commerce, National Oceanic and Atmospheric Administration; Federal Reserve System, Statistical Release G.17(419); U.S. Department of Transportation; American Iron and Steel Institute. Macroeconomic projections are based on DRI-WEFA Forecast CONTROL0402.

**Table A3. Annual International Petroleum Supply and Demand Balance**

(Millions Barrels per Day, Except OECD Commercial Stocks)

	Year														
	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
<b>Demand <sup>a</sup></b>															
OECD															
U.S. (50 States).....	17.3	17.0	16.7	17.0	17.2	17.7	17.7	18.3	18.6	18.9	19.5	19.7	19.6	19.6	20.3
Europe <sup>b</sup> .....	13.2	13.3	13.3	14.0	14.2	14.1	14.2	14.8	15.0	15.3	15.2	15.1	15.2	15.3	15.4
Japan.....	5.0	5.1	5.3	5.4	5.4	5.7	5.7	5.9	5.7	5.5	5.6	5.5	5.4	5.4	5.4
Other OECD.....	5.2	5.4	5.6	5.9	6.2	6.6	6.8	6.9	7.3	7.1	7.4	7.6	7.4	7.5	7.6
Total OECD.....	40.8	40.8	41.6	42.6	43.0	44.2	45.0	46.1	46.6	46.9	47.7	47.9	47.7	47.9	48.8
Non-OECD															
Former Soviet Union.....	8.7	8.4	8.4	6.8	5.6	4.8	4.6	4.0	3.9	3.8	3.7	3.7	3.6	3.7	3.7
Europe.....	1.3	1.0	0.8	0.7	0.7	0.6	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6
China.....	2.4	2.3	2.5	2.7	3.0	3.2	3.4	3.6	3.9	4.1	4.3	4.8	4.9	5.1	5.3
Other Asia.....	4.0	4.3	4.5	4.7	5.1	5.5	5.9	6.3	6.6	6.7	6.9	7.3	7.3	7.4	7.4
Other Non-OECD.....	8.6	8.9	8.9	9.3	9.7	10.0	10.4	10.7	11.1	11.4	11.6	11.7	11.8	11.9	12.0
Total Non-OECD.....	25.1	24.9	25.0	24.2	24.0	24.1	24.9	25.3	26.2	26.7	27.3	28.1	28.3	28.7	29.1
Total World Demand.....	65.9	65.7	66.6	66.8	67.0	68.3	69.9	71.4	72.9	73.6	75.0	76.0	76.0	76.6	77.9
<b>Supply <sup>c</sup></b>															
OECD															
U.S. (50 States).....	9.9	9.7	9.9	9.8	9.6	9.4	9.4	9.4	9.5	9.3	9.0	9.1	9.0	9.1	9.2
Canada.....	2.0	2.0	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.6	2.7	2.8	3.0	3.1
Mexico.....	2.9	3.0	3.2	3.2	3.2	3.2	3.1	3.3	3.4	3.5	3.4	3.5	3.6	3.7	3.9
North Sea <sup>d</sup> .....	3.7	3.9	4.1	4.5	4.8	5.5	5.9	6.3	5.9	5.8	6.0	6.0	5.7	5.7	5.7
Other OECD.....	1.4	1.5	1.5	1.5	1.4	1.5	1.5	1.5	1.8	2.1	1.9	2.1	2.2	2.2	2.2
Total OECD.....	20.0	20.2	20.8	21.1	21.2	21.9	22.4	22.7	23.1	23.6	22.9	23.4	23.3	23.7	24.1
Non-OECD															
OPEC.....	23.3	24.5	24.6	25.8	26.6	27.0	27.6	28.3	29.9	30.4	29.3	30.9	30.1	28.1	29.1
Former Soviet Union.....	12.1	11.4	10.4	8.9	8.0	7.3	7.1	7.1	7.1	7.2	7.6	8.1	8.8	9.2	9.6
China.....	2.8	2.8	2.8	2.8	2.9	2.9	3.0	3.1	3.2	3.2	3.2	3.2	3.3	3.4	3.4
Other Non-OECD.....	7.7	7.9	8.1	8.3	8.7	9.1	9.8	10.2	10.4	10.7	11.2	11.2	11.2	11.5	11.9
Total Non-OECD.....	45.9	46.6	45.9	45.9	46.2	46.3	47.5	48.7	50.6	51.6	51.3	53.4	53.5	52.3	53.9
Total World Supply.....	65.9	66.8	66.7	67.0	67.4	68.2	69.9	71.4	73.7	75.2	74.2	76.8	76.8	75.9	77.9
Total Stock Withdrawals.....	0.0	-0.8	-0.1	-0.3	-0.4	0.0	0.0	-0.4	-1.2	-1.3	0.8	-0.8	-0.8	0.6	-0.1
OECD Comm. Stocks, End (bill. bbls.).....	2.6	2.7	2.7	2.7	2.8	2.8	2.7	2.7	2.7	2.8	2.4	2.5	2.7	2.5	2.4
Net Exports from Former Soviet Union.....	3.4	3.0	2.1	2.1	2.3	2.4	2.6	3.0	3.3	3.5	3.9	4.5	5.2	5.5	5.9

<sup>a</sup>Demand for petroleum by the OECD countries is synonymous with "petroleum product supplied," which is defined in the glossary of the EIA Petroleum Supply Monthly, DOE/EIA-0109. Demand for petroleum by the non-OECD countries is "apparent consumption," which includes internal consumption, refinery fuel and loss, and bunkering.

<sup>b</sup>OECD Europe includes the former East Germany.

<sup>c</sup>Includes production of crude oil (including lease condensates), natural gas plant liquids, other hydrogen and hydrocarbons for refinery feedstocks, refinery gains, alcohol, and liquids produced from coal and other sources.

<sup>d</sup>Includes offshore supply from Denmark, Germany, the Netherlands, Norway, and the United Kingdom.

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

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

SPR: Strategic Petroleum Reserve

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

Notes: Minor discrepancies with other published EIA historical data are due to rounding. Historical data are printed in bold; forecasts are in italics. The forecasts were generated by simulation of the Short-Term Integrated Forecasting System.

Sources: Energy Information Administration: latest data available from EIA databases supporting the following reports: International Petroleum Monthly, DOE/EIA-0520, and Organization for Economic Cooperation and Development, Annual and Monthly Oil Statistics Database.

**Table A4. Annual Average U.S. Energy Prices**  
(Nominal Dollars)

	Year														
	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
<b>Crude Oil Prices</b> (dollars per barrel)															
Imported Average <sup>a</sup> .....	18.08	21.75	18.70	18.20	16.14	15.52	17.14	20.61	18.50	12.08	17.22	27.72	22.03	22.49	25.18
WTI <sup>b</sup> Spot Average.....	19.78	24.48	21.60	20.54	18.49	17.16	18.41	22.11	20.61	14.45	19.25	30.29	25.95	25.52	28.36
<b>Natural Gas Wellhead</b>															
(dollars per thousand cubic feet).....	1.69	1.71	1.64	1.74	2.04	1.85	1.55	2.17	2.32	1.96	2.19	3.69	4.13	2.80	3.10
<b>Petroleum Products</b>															
Gasoline Retail <sup>b</sup> (dollars per gallon)															
All Grades.....	1.02	1.17	1.15	1.14	1.13	1.13	1.16	1.25	1.24	1.07	1.18	1.53	1.47	1.39	1.50
Regular Unleaded.....	0.99	1.13	1.10	1.09	1.07	1.08	1.11	1.20	1.20	1.03	1.14	1.49	1.43	1.36	1.47
No. 2 Diesel Oil, Retail															
(dollars per gallon).....	0.99	1.16	1.13	1.11	1.11	1.11	1.11	1.24	1.20	1.04	1.12	1.49	1.40	1.30	1.42
No. 2 Heating Oil, Wholesale															
(dollars per gallon).....	0.56	0.70	0.62	0.58	0.54	0.51	0.51	0.64	0.59	0.42	0.51	0.89	0.76	0.71	0.81
No. 2 Heating Oil, Retail															
(dollars per gallon).....	0.90	1.06	1.02	0.93	0.91	0.88	0.87	0.99	0.99	0.85	0.88	1.31	1.24	1.15	1.26
No. 6 Residual Fuel Oil, Retail <sup>c</sup>															
(dollars per barrel) .....	16.20	18.66	14.32	14.21	14.00	14.79	16.49	19.01	17.82	12.83	16.02	25.34	22.21	22.31	24.08
<b>Electric Utility Fuels</b>															
Coal															
(dollars per million Btu).....	1.44	1.45	1.45	1.41	1.38	1.36	1.32	1.29	1.27	1.25	1.22	1.20	1.23	1.20	1.19
Heavy Fuel Oil <sup>d</sup>															
(dollars per million Btu).....	2.85	3.22	2.49	2.46	2.36	2.40	2.60	3.01	2.79	2.07	2.38	4.26	3.72	3.56	3.89
Natural Gas															
(dollars per million Btu).....	2.36	2.32	2.15	2.33	2.56	2.23	1.98	2.64	2.76	2.38	2.57	4.33	4.42	3.28	3.52
<b>Other Residential</b>															
Natural Gas															
(dollars per thousand cubic feet).....	5.64	5.80	5.82	5.89	6.17	6.41	6.06	6.35	6.95	6.83	6.69	7.77	9.64	7.30	7.99
Electricity															
(cents per kilowatthour).....	7.64	7.85	8.05	8.23	8.34	8.40	8.40	8.36	8.43	8.26	8.16	8.24	8.48	8.65	8.60

<sup>a</sup>Refiner acquisition cost (RAC) of imported crude oil.

<sup>b</sup>West Texas Intermediate.

<sup>c</sup>Average self-service cash prices.

<sup>d</sup>Average for all sulfur contents. <sup>e</sup>Includes fuel oils No. 4, No. 5, and No. 6 and topped crude fuel oil prices.

Notes: Prices exclude taxes, except prices for gasoline, residential natural gas, and diesel. The forecasts were generated by simulation of the Short-Term Integrated Forecasting System.

Sources: Historical data: Energy Information Administration; latest data available from EIA databases supporting the following reports: Petroleum Marketing Monthly, DOE/EIA-0380; Natural Gas Monthly, DOE/EIA-0130; Monthly Energy Review, DOE/EIA-0035; Electric Power Monthly, DOE/EIA-0226.

**Table A5. Annual U.S. Petroleum Supply and Demand**  
(Million Barrels per Day, Except Closing Stocks)

	Year														
	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
<b>Supply</b>															
Crude Oil Supply															
Domestic Production <sup>a</sup>	7.61	7.36	7.42	7.17	6.85	6.66	6.56	6.46	6.45	6.25	5.88	5.82	5.85	5.90	5.93
Alaska	1.87	1.77	1.80	1.71	1.58	1.56	1.48	1.39	1.30	1.17	1.05	0.97	0.97	0.99	1.05
Lower 48	5.74	5.58	5.62	5.46	5.26	5.10	5.08	5.07	5.16	5.08	4.83	4.85	4.88	4.91	4.89
Net Imports (including SPR) <sup>b</sup>	5.70	5.79	5.67	5.99	6.69	6.96	7.14	7.40	8.12	8.60	8.61	9.02	9.30	9.12	9.57
Other SPR Supply	0.00	0.00	0.00	0.01	0.02	0.00	0.00	0.00	0.00	0.02	0.01	0.01	0.02	0.16	0.11
Stock Draw (Including SPR)	-0.09	0.02	-0.01	0.00	-0.08	-0.02	0.09	0.05	-0.06	-0.07	0.09	-0.01	-0.07	0.04	0.01
Product Supplied and Losses	-0.03	-0.02	-0.02	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Unaccounted-for Crude Oil	0.20	0.26	0.20	0.26	0.17	0.27	0.19	0.22	0.14	0.11	0.19	0.15	0.07	0.17	0.15
Total Crude Oil Supply	13.40	13.41	13.30	13.41	13.61	13.87	13.97	14.19	14.66	14.89	14.80	15.07	15.13	15.07	15.55
Other Supply															
NGL Production	1.55	1.56	1.66	1.70	1.74	1.73	1.76	1.83	1.82	1.76	1.85	1.91	1.86	1.86	1.92
Other Hydrocarbon and Alcohol Inputs	0.11	0.13	0.15	0.20	0.25	0.26	0.30	0.31	0.34	0.38	0.38	0.38	0.39	0.40	0.41
Crude Oil Product Supplied	0.03	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Processing Gain	0.66	0.68	0.71	0.77	0.77	0.77	0.77	0.84	0.85	0.89	0.89	0.95	0.91	0.93	0.92
Net Product Imports <sup>c</sup>	1.50	1.38	0.96	0.94	0.93	1.09	0.75	1.10	1.04	1.17	1.30	1.40	1.56	1.29	1.43
Product Stock Withdrawn	0.13	-0.14	-0.04	0.06	-0.05	0.00	0.15	0.03	-0.09	-0.17	0.30	0.00	-0.23	0.07	0.03
Total Supply	17.37	17.04	16.76	17.10	17.26	17.72	17.72	18.31	18.62	18.92	19.52	19.70	19.63	19.63	20.26
<b>Demand</b>															
Motor Gasoline <sup>d</sup>	7.40	7.31	7.23	7.38	7.48	7.60	7.79	7.89	8.02	8.25	8.43	8.47	8.59	8.74	8.94
Jet Fuel	1.49	1.52	1.47	1.45	1.47	1.53	1.51	1.58	1.60	1.62	1.67	1.73	1.66	1.63	1.73
Distillate Fuel Oil	3.16	3.02	2.92	2.98	3.04	3.16	3.21	3.37	3.44	3.46	3.57	3.72	3.82	3.72	3.90
Residual Fuel Oil	1.37	1.23	1.16	1.09	1.08	1.02	0.85	0.85	0.80	0.89	0.83	0.91	0.86	0.75	0.81
Other Oils <sup>e</sup>	3.95	3.95	3.99	4.20	4.17	4.41	4.36	4.63	4.77	4.69	5.01	4.87	4.70	4.78	4.88
Total Demand	17.37	17.04	16.77	17.10	17.24	17.72	17.72	18.31	18.62	18.92	19.52	19.70	19.63	19.62	20.26
Total Petroleum Net Imports	7.20	7.16	6.63	6.94	7.62	8.05	7.89	8.50	9.16	9.76	9.91	10.42	10.87	10.41	11.00
<b>Closing Stocks (million barrels)</b>															
Crude Oil (excluding SPR)	341	323	325	318	335	337	303	284	305	324	284	286	312	297	294
Total Motor Gasoline	213	220	219	216	226	215	202	195	210	216	193	196	209	205	204
Jet Fuel	41	52	49	43	40	47	40	40	44	45	41	45	42	43	43
Distillate Fuel Oil	106	132	144	141	141	145	130	127	138	156	125	118	144	142	137
Residual Fuel Oil	44	49	50	43	44	42	37	46	40	45	36	36	41	39	40
Other Oils <sup>f</sup>	257	261	267	263	273	275	258	250	259	291	246	247	288	269	263

<sup>a</sup>Includes lease condensate.

<sup>b</sup>Net imports equals gross imports plus SPR imports minus exports.

<sup>c</sup>Includes finished petroleum products, unfinished oils, gasoline blending components, and natural gas plant liquids for processing.

<sup>d</sup>For years prior to 1993, motor gasoline includes an estimate of fuel ethanol blended into gasoline and certain product reclassifications, not reported elsewhere in EIA. See Appendix B in Energy Information Administration, Short-Term Energy Outlook, EIA/DOE-0202(93/3Q), for details on this adjustment.

<sup>e</sup>Includes crude oil product supplied, natural gas liquids, liquefied refinery gas, other liquids, and all finished petroleum products except motor gasoline, jet fuel, distillate, and residual fuel oil.

<sup>f</sup>Includes stocks of all other oils, such as aviation gasoline, kerosene, natural gas liquids (including ethane), aviation gasoline blending components, naphtha and other oils for petrochemical feedstock use, special naphthas, lube oils, wax, coke, asphalt, road oil, and miscellaneous oils.

SPR: Strategic Petroleum Reserve. NGL: Natural Gas Liquids

Notes: Minor discrepancies with other EIA published historical data are due to rounding, with the following exception: recent petroleum demand and supply data displayed here reflect the incorporation of resubmissions of the data as reported in EIA's Petroleum Supply Monthly, TableC1. Historical data are printed in bold; forecasts are in italics. The forecasts were generated by simulation of the Short-Term Integrated Forecasting System.

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



**Table A6. Annual U.S. Natural Gas Supply and Demand**  
(Trillion Cubic Feet)

	Year														
	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
<b>Supply</b>															
Total Dry Gas Production .....	<b>17.31</b>	<b>17.81</b>	<b>17.70</b>	<b>17.84</b>	<b>18.10</b>	<b>18.82</b>	<b>18.60</b>	<b>18.85</b>	<b>18.90</b>	<b>18.71</b>	<b>18.83</b>	<b>18.99</b>	<i>19.36</i>	<i>18.97</i>	<i>19.77</i>
Net Imports .....	<b>1.27</b>	<b>1.45</b>	<b>1.64</b>	<b>1.92</b>	<b>2.21</b>	<b>2.46</b>	<b>2.69</b>	<b>2.78</b>	<b>2.84</b>	<b>2.99</b>	<b>3.42</b>	<b>3.54</b>	<i>3.63</i>	<i>3.41</i>	<i>3.61</i>
Supplemental Gaseous Fuels.....	<b>0.11</b>	<b>0.12</b>	<b>0.11</b>	<b>0.12</b>	<b>0.12</b>	<b>0.11</b>	<b>0.11</b>	<b>0.11</b>	<b>0.10</b>	<b>0.10</b>	<b>0.10</b>	<b>0.09</b>	<i>0.08</i>	<i>0.08</i>	<i>0.08</i>
Total New Supply.....	<b>18.69</b>	<b>19.38</b>	<b>19.45</b>	<b>19.88</b>	<b>20.42</b>	<b>21.39</b>	<b>21.40</b>	<b>21.75</b>	<b>21.84</b>	<b>21.80</b>	<b>22.35</b>	<b>22.61</b>	<i>23.07</i>	<i>22.46</i>	<i>23.47</i>
Working Gas in Storage															
Opening.....	<b>2.85</b>	<b>2.51</b>	<b>3.07</b>	<b>2.82</b>	<b>2.60</b>	<b>2.32</b>	<b>2.61</b>	<b>2.15</b>	<b>2.17</b>	<b>2.17</b>	<b>2.73</b>	<b>2.51</b>	<i>1.72</i>	<i>2.90</i>	<i>2.59</i>
Closing.....	<b>2.51</b>	<b>3.07</b>	<b>2.82</b>	<b>2.60</b>	<b>2.32</b>	<b>2.61</b>	<b>2.15</b>	<b>2.17</b>	<b>2.17</b>	<b>2.73</b>	<b>2.51</b>	<b>1.72</b>	<i>2.90</i>	<i>2.59</i>	<i>2.57</i>
Net Withdrawals.....	<b>0.34</b>	<b>-0.56</b>	<b>0.24</b>	<b>0.23</b>	<b>0.28</b>	<b>-0.28</b>	<b>0.45</b>	<b>-0.02</b>	<b>0.00</b>	<b>-0.56</b>	<b>0.22</b>	<b>0.79</b>	<i>-1.18</i>	<i>0.31</i>	<i>0.03</i>
Total Supply.....	<b>19.03</b>	<b>18.82</b>	<b>19.70</b>	<b>20.11</b>	<b>20.70</b>	<b>21.11</b>	<b>21.85</b>	<b>21.73</b>	<b>21.84</b>	<b>21.25</b>	<b>22.57</b>	<b>23.40</b>	<i>21.88</i>	<i>22.77</i>	<i>23.49</i>
Balancing Item <sup>a</sup> .....	<b>-0.23</b>	<b>-0.11</b>	<b>-0.66</b>	<b>-0.56</b>	<b>-0.42</b>	<b>-0.40</b>	<b>-0.27</b>	<b>0.24</b>	<b>0.11</b>	<b>0.01</b>	<b>-0.96</b>	<b>-0.86</b>	<i>-0.41</i>	<i>-0.70</i>	<i>-0.49</i>
Total Primary Supply.....	<b>18.80</b>	<b>18.72</b>	<b>19.03</b>	<b>19.54</b>	<b>20.28</b>	<b>20.71</b>	<b>21.58</b>	<b>21.96</b>	<b>21.95</b>	<b>21.26</b>	<b>21.61</b>	<b>22.54</b>	<i>21.47</i>	<i>22.07</i>	<i>23.00</i>
<b>Demand</b>															
Lease and Plant Fuel.....	<b>1.07</b>	<b>1.24</b>	<b>1.13</b>	<b>1.17</b>	<b>1.17</b>	<b>1.12</b>	<b>1.22</b>	<b>1.25</b>	<b>1.20</b>	<b>1.16</b>	<b>1.08</b>	<b>1.13</b>	<i>1.15</i>	<i>1.16</i>	<i>1.19</i>
Pipeline Use .....	<b>0.63</b>	<b>0.66</b>	<b>0.60</b>	<b>0.59</b>	<b>0.62</b>	<b>0.69</b>	<b>0.70</b>	<b>0.71</b>	<b>0.75</b>	<b>0.64</b>	<b>0.65</b>	<b>0.64</b>	<i>0.61</i>	<i>0.60</i>	<i>0.63</i>
Residential.....	<b>4.78</b>	<b>4.39</b>	<b>4.56</b>	<b>4.69</b>	<b>4.96</b>	<b>4.85</b>	<b>4.85</b>	<b>5.24</b>	<b>4.98</b>	<b>4.52</b>	<b>4.73</b>	<b>4.99</b>	<i>4.81</i>	<i>4.96</i>	<i>5.16</i>
Commercial .....	<b>2.72</b>	<b>2.62</b>	<b>2.73</b>	<b>2.80</b>	<b>2.86</b>	<b>2.90</b>	<b>3.03</b>	<b>3.16</b>	<b>3.21</b>	<b>3.00</b>	<b>3.04</b>	<b>3.22</b>	<i>3.25</i>	<i>3.36</i>	<i>3.48</i>
Industrial (Incl. Nonutilities).....	<b>6.82</b>	<b>7.02</b>	<b>7.23</b>	<b>7.53</b>	<b>7.98</b>	<b>8.17</b>	<b>8.58</b>	<b>8.87</b>	<b>8.83</b>	<b>8.69</b>	<b>9.01</b>	<b>9.51</b>	<i>8.97</i>	<i>9.30</i>	<i>9.78</i>
Electric Utilities .....	<b>2.79</b>	<b>2.79</b>	<b>2.79</b>	<b>2.77</b>	<b>2.68</b>	<b>2.99</b>	<b>3.20</b>	<b>2.73</b>	<b>2.97</b>	<b>3.26</b>	<b>3.11</b>	<b>3.04</b>	<i>2.68</i>	<i>2.69</i>	<i>2.75</i>
Total Demand .....	<b>18.80</b>	<b>18.72</b>	<b>19.03</b>	<b>19.54</b>	<b>20.28</b>	<b>20.71</b>	<b>21.58</b>	<b>21.96</b>	<b>21.95</b>	<b>21.26</b>	<b>21.61</b>	<b>22.54</b>	<i>21.47</i>	<i>22.07</i>	<i>23.00</i>

<sup>a</sup>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.

Notes: Minor discrepancies with other EIA published historical data are due to rounding. Historical data are printed in bold; forecasts are in italics. The forecasts were generated by simulation of the Short-Term Integrated Forecasting System.

Sources: Historical data: Energy Information Administration; latest data available from EIA databases supporting the following reports: Natural Gas Monthly, DOE/EIA-0130; Electric Power Monthly, DOE/EIA-0226; Projections: Energy Information Administration, Short-Term Integrated Forecasting System database, and Office of Oil and Gas, Reserves and Natural Gas Division.

**Table A7. Annual U.S. Coal Supply and Demand**  
(Million Short Tons)

	Year														
	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
<b>Supply</b>															
Production.....	<b>980.7</b>	<b>1029.1</b>	<b>996.0</b>	<b>997.5</b>	<b>945.4</b>	<b>1033.5</b>	<b>1033.0</b>	<b>1063.9</b>	<b>1089.9</b>	<b>1117.5</b>	<b>1100.4</b>	<b>1073.6</b>	<i>1121.3</i>	<i>1100.6</i>	<i>1128.0</i>
Appalachia.....	<b>464.8</b>	<b>489.0</b>	<b>457.8</b>	<b>456.6</b>	<b>409.7</b>	<b>445.4</b>	<b>434.9</b>	<b>451.9</b>	<b>467.8</b>	<b>460.4</b>	<b>425.6</b>	<b>419.4</b>	<i>428.9</i>	<i>409.7</i>	<i>413.3</i>
Interior.....	<b>198.1</b>	<b>205.8</b>	<b>195.4</b>	<b>195.7</b>	<b>167.2</b>	<b>179.9</b>	<b>168.5</b>	<b>172.8</b>	<b>170.9</b>	<b>168.4</b>	<b>162.5</b>	<b>143.5</b>	<i>147.7</i>	<i>138.8</i>	<i>134.4</i>
Western.....	<b>317.9</b>	<b>334.3</b>	<b>342.8</b>	<b>345.3</b>	<b>368.5</b>	<b>408.3</b>	<b>429.6</b>	<b>439.1</b>	<b>451.3</b>	<b>488.8</b>	<b>512.3</b>	<b>510.7</b>	<i>544.7</i>	<i>552.2</i>	<i>580.2</i>
Primary Stock Levels <sup>a</sup>															
Opening.....	<b>30.4</b>	<b>29.0</b>	<b>33.4</b>	<b>33.0</b>	<b>34.0</b>	<b>25.3</b>	<b>33.2</b>	<b>34.4</b>	<b>28.6</b>	<b>34.0</b>	<b>36.5</b>	<b>39.5</b>	<i>31.9</i>	<i>33.9</i>	<i>32.5</i>
Closing.....	<b>29.0</b>	<b>33.4</b>	<b>33.0</b>	<b>34.0</b>	<b>25.3</b>	<b>33.2</b>	<b>34.4</b>	<b>28.6</b>	<b>34.0</b>	<b>36.5</b>	<b>39.5</b>	<b>31.9</b>	<i>33.9</i>	<i>32.5</i>	<i>32.7</i>
Net Withdrawals.....	<b>1.4</b>	<b>-4.4</b>	<b>0.4</b>	<b>-1.0</b>	<b>8.7</b>	<b>-7.9</b>	<b>-1.2</b>	<b>5.8</b>	<b>-5.3</b>	<b>-2.6</b>	<b>-2.9</b>	<b>7.6</b>	<i>-2.0</i>	<i>1.4</i>	<i>-0.2</i>
Imports.....	<b>2.9</b>	<b>2.7</b>	<b>3.4</b>	<b>3.8</b>	<b>7.3</b>	<b>7.6</b>	<b>7.2</b>	<b>7.1</b>	<b>7.5</b>	<b>8.7</b>	<b>9.1</b>	<b>12.5</b>	<i>19.8</i>	<i>19.9</i>	<i>19.7</i>
Exports.....	<b>100.8</b>	<b>105.8</b>	<b>109.0</b>	<b>102.5</b>	<b>74.5</b>	<b>71.4</b>	<b>88.5</b>	<b>90.5</b>	<b>83.5</b>	<b>78.0</b>	<b>58.5</b>	<b>58.5</b>	<i>48.7</i>	<i>48.1</i>	<i>49.1</i>
Total Net Domestic Supply.....	<b>884.2</b>	<b>921.6</b>	<b>890.9</b>	<b>897.8</b>	<b>886.9</b>	<b>961.8</b>	<b>950.4</b>	<b>986.3</b>	<b>1008.5</b>	<b>1045.7</b>	<b>1048.1</b>	<b>1035.2</b>	<i>1090.4</i>	<i>1073.7</i>	<i>1098.4</i>
Secondary Stock Levels <sup>b</sup>															
Opening.....	<b>158.4</b>	<b>146.1</b>	<b>168.2</b>	<b>167.7</b>	<b>163.7</b>	<b>120.5</b>	<b>136.1</b>	<b>134.6</b>	<b>123.0</b>	<b>106.4</b>	<b>129.4</b>	<b>144.0</b>	<i>108.1</i>	<i>138.5</i>	<i>127.2</i>
Closing.....	<b>146.1</b>	<b>168.2</b>	<b>167.7</b>	<b>163.7</b>	<b>120.5</b>	<b>136.1</b>	<b>134.6</b>	<b>123.0</b>	<b>106.4</b>	<b>129.4</b>	<b>144.0</b>	<b>108.1</b>	<i>138.5</i>	<i>127.2</i>	<i>116.7</i>
Net Withdrawals.....	<b>12.3</b>	<b>-22.1</b>	<b>0.5</b>	<b>4.0</b>	<b>43.2</b>	<b>-15.7</b>	<b>1.5</b>	<b>11.7</b>	<b>16.6</b>	<b>-23.0</b>	<b>-14.6</b>	<b>35.9</b>	<i>-30.4</i>	<i>11.4</i>	<i>10.5</i>
Waste Coal Supplied to IPPs <sup>c</sup> .....	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>6.0</b>	<b>6.4</b>	<b>7.9</b>	<b>8.5</b>	<b>8.8</b>	<b>8.1</b>	<b>9.0</b>	<b>9.6</b>	<b>10.1</b>	<i>10.6</i>	<i>11.1</i>	<i>11.6</i>
Total Supply.....	<b>896.5</b>	<b>899.4</b>	<b>891.4</b>	<b>907.8</b>	<b>936.5</b>	<b>954.0</b>	<b>960.4</b>	<b>1006.7</b>	<b>1033.2</b>	<b>1031.6</b>	<b>1043.1</b>	<b>1081.2</b>	<i>1070.6</i>	<i>1096.2</i>	<i>1120.5</i>
<b>Demand</b>															
Coke Plants.....	<b>40.5</b>	<b>38.9</b>	<b>33.9</b>	<b>32.4</b>	<b>31.3</b>	<b>31.7</b>	<b>33.0</b>	<b>31.7</b>	<b>30.2</b>	<b>28.2</b>	<b>28.1</b>	<b>28.9</b>	<i>26.1</i>	<i>25.4</i>	<i>25.6</i>
Electricity Production															
Electric Utilities.....	<b>766.9</b>	<b>773.5</b>	<b>772.3</b>	<b>779.9</b>	<b>813.5</b>	<b>817.3</b>	<b>829.0</b>	<b>874.7</b>	<b>900.4</b>	<b>910.9</b>	<b>894.1</b>	<b>859.3</b>	<i>818.4</i>	<i>853.8</i>	<i>871.8</i>
Nonutilities (Excl. Cogen.) <sup>d</sup> .....	<b>5.7</b>	<b>7.4</b>	<b>11.4</b>	<b>15.0</b>	<b>17.5</b>	<b>19.9</b>	<b>21.2</b>	<b>22.2</b>	<b>21.6</b>	<b>26.9</b>	<b>52.7</b>	<b>123.3</b>	<i>150.6</i>	<i>154.1</i>	<i>157.5</i>
Retail and General Industry.....	<b>76.1</b>	<b>76.3</b>	<b>75.4</b>	<b>74.1</b>	<b>81.1</b>	<b>81.2</b>	<b>78.9</b>	<b>77.7</b>	<b>78.0</b>	<b>72.3</b>	<b>69.6</b>	<b>69.3</b>	<i>67.9</i>	<i>65.3</i>	<i>65.6</i>
Total Demand <sup>e</sup> .....	<b>889.2</b>	<b>896.2</b>	<b>893.0</b>	<b>901.2</b>	<b>943.5</b>	<b>950.1</b>	<b>962.0</b>	<b>1006.3</b>	<b>1030.1</b>	<b>1038.3</b>	<b>1044.5</b>	<b>1080.9</b>	<i>1063.0</i>	<i>1098.6</i>	<i>1120.5</i>
Discrepancy <sup>f</sup> .....	<b>7.3</b>	<b>3.3</b>	<b>-1.6</b>	<b>6.6</b>	<b>-7.0</b>	<b>3.9</b>	<b>-1.6</b>	<b>0.4</b>	<b>3.1</b>	<b>-6.7</b>	<b>-1.5</b>	<b>0.4</b>	<i>7.6</i>	<i>-2.4</i>	<i>0.0</i>

<sup>a</sup>Primary stocks are held at the mines, preparation plants, and distribution points.

<sup>b</sup>Secondary stocks are held by users. It includes an estimate of stocks held at utility plants sold to nonutility generators.

<sup>c</sup>Estimated independent power producers (IPPs) consumption of waste coal. This item includes waste coal and coal slurry reprocessed into briquettes.

<sup>d</sup>Estimates of coal consumption by IPPs, supplied by the Office of Coal, Nuclear, Electric, and Alternate Fuels, Energy Information Administration (EIA). Quarterly coal consumption estimates for 2000 and projections for 2001 and 2002 are based on (1) estimated consumption by utility power plants sold to nonutility generators during 1999, and (2) annual coal-fired generation at nonutilities from Form EIA-867 (Annual Nonutility Power Producer Report).

<sup>e</sup>Total Demand includes estimated IPP consumption.

<sup>f</sup>The discrepancy reflects an unaccounted-for shipper and receiver reporting difference, assumed to be zero in the forecast period. Prior to 1994, discrepancy may include some waste coal supplied to IPPs that has not been specifically identified.

Notes: Rows and columns may not add due to independent rounding. Historical data are printed in bold; forecasts are in italics. The forecasts were generated by simulation of the Short-Term Integrated Forecasting System.

Sources: Historical data: Energy Information Administration: latest data available from EIA databases supporting the following reports: Quarterly Coal Report, DOE/EIA-0121, and Electric Power Monthly, DOE/EIA-0226. Projections: Energy Information Administration, Short-Term Integrated Forecasting System database, and Office of Coal, Nuclear, Electric and Alternate Fuels.

**Table A8. Annual U.S. Electricity Supply and Demand**  
(Billion Kilowatt-hours)

	Year														
	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
<b>Supply</b>															
Total Utility and Nonutility Net Generation															
Coal .....	<b>1583.8</b>	<b>1590.3</b>	<b>1589.9</b>	<b>1621.1</b>	<b>1685.7</b>	<b>1691.7</b>	<b>1710.2</b>	<b>1795.7</b>	<b>1844.1</b>	<b>1873.9</b>	<b>1884.3</b>	<b>1967.7</b>	<i>1942.8</i>	<i>1948.1</i>	<i>1993.6</i>
Petroleum.....	<b>163.9</b>	<b>124.0</b>	<b>119.0</b>	<b>99.4</b>	<b>111.3</b>	<b>105.5</b>	<b>75.3</b>	<b>81.7</b>	<b>93.0</b>	<b>126.9</b>	<b>123.6</b>	<b>108.8</b>	<i>127.8</i>	<i>99.9</i>	<i>105.2</i>
Natural Gas.....	<b>363.9</b>	<b>378.3</b>	<b>392.6</b>	<b>418.3</b>	<b>428.4</b>	<b>465.9</b>	<b>498.5</b>	<b>455.8</b>	<b>485.4</b>	<b>540.6</b>	<b>556.6</b>	<b>596.6</b>	<i>621.1</i>	<i>631.2</i>	<i>644.0</i>
Nuclear .....	<b>529.4</b>	<b>577.0</b>	<b>612.6</b>	<b>618.8</b>	<b>610.4</b>	<b>640.5</b>	<b>673.4</b>	<b>674.7</b>	<b>628.6</b>	<b>673.7</b>	<b>728.3</b>	<b>753.9</b>	<i>767.3</i>	<i>771.9</i>	<i>777.2</i>
Hydroelectric.....	<b>273.7</b>	<b>289.5</b>	<b>285.0</b>	<b>248.9</b>	<b>275.5</b>	<b>256.8</b>	<b>308.3</b>	<b>344.4</b>	<b>354.9</b>	<b>318.9</b>	<b>313.4</b>	<b>273.1</b>	<i>211.3</i>	<i>258.2</i>	<i>295.8</i>
Geothermal and Other <sup>a</sup> .....	<b>57.2</b>	<b>65.7</b>	<b>72.2</b>	<b>76.8</b>	<b>85.7</b>	<b>93.4</b>	<b>92.2</b>	<b>94.7</b>	<b>88.1</b>	<b>83.8</b>	<b>98.5</b>	<b>99.8</b>	<i>106.8</i>	<i>104.6</i>	<i>104.9</i>
Total Generation .....	<b>2971.9</b>	<b>3024.9</b>	<b>3071.3</b>	<b>3083.4</b>	<b>3196.9</b>	<b>3253.8</b>	<b>3357.8</b>	<b>3447.0</b>	<b>3494.2</b>	<b>3617.9</b>	<b>3704.5</b>	<b>3799.9</b>	<i>3777.0</i>	<i>3813.9</i>	<i>3920.6</i>
Net Imports <sup>c</sup> .....	<b>11.0</b>	<b>2.3</b>	<b>19.6</b>	<b>25.4</b>	<b>27.8</b>	<b>44.8</b>	<b>39.2</b>	<b>38.0</b>	<b>36.6</b>	<b>27.6</b>	<b>30.6</b>	<b>34.0</b>	<i>20.3</i>	<i>25.3</i>	<i>31.4</i>
Total Supply .....	<b>2982.8</b>	<b>3027.2</b>	<b>3091.0</b>	<b>3108.8</b>	<b>3224.7</b>	<b>3298.6</b>	<b>3397.1</b>	<b>3485.0</b>	<b>3530.8</b>	<b>3645.5</b>	<b>3735.1</b>	<b>3834.0</b>	<i>3797.4</i>	<i>3839.2</i>	<i>3952.1</i>
Losses and Unaccounted for <sup>d</sup> .....	<b>235.6</b>	<b>210.4</b>	<b>217.9</b>	<b>223.6</b>	<b>236.4</b>	<b>223.2</b>	<b>234.6</b>	<b>234.9</b>	<b>236.2</b>	<b>221.4</b>	<b>234.2</b>	<b>227.8</b>	<i>213.2</i>	<i>253.3</i>	<i>260.9</i>
<b>Demand</b>															
Retail Sales <sup>e</sup>															
Residential .....	<b>905.5</b>	<b>924.0</b>	<b>955.4</b>	<b>935.9</b>	<b>994.8</b>	<b>1008.5</b>	<b>1042.5</b>	<b>1082.5</b>	<b>1075.9</b>	<b>1130.1</b>	<b>1144.9</b>	<b>1192.4</b>	<i>1202.5</i>	<i>1214.1</i>	<i>1255.6</i>
Commercial.....	<b>725.9</b>	<b>751.0</b>	<b>765.7</b>	<b>761.3</b>	<b>794.6</b>	<b>820.3</b>	<b>862.7</b>	<b>887.4</b>	<b>928.6</b>	<b>979.4</b>	<b>1002.0</b>	<b>1055.2</b>	<i>1085.7</i>	<i>1100.6</i>	<i>1130.6</i>
Industrial .....	<b>925.7</b>	<b>945.5</b>	<b>946.6</b>	<b>972.7</b>	<b>977.2</b>	<b>1008.0</b>	<b>1012.7</b>	<b>1033.6</b>	<b>1038.2</b>	<b>1051.2</b>	<b>1058.2</b>	<b>1064.2</b>	<i>996.0</i>	<i>983.9</i>	<i>1003.1</i>
Other.....	<b>89.8</b>	<b>92.0</b>	<b>94.3</b>	<b>93.4</b>	<b>94.9</b>	<b>97.8</b>	<b>95.4</b>	<b>97.5</b>	<b>102.9</b>	<b>103.5</b>	<b>107.0</b>	<b>109.5</b>	<i>117.9</i>	<i>118.6</i>	<i>120.4</i>
Subtotal.....	<b>2646.8</b>	<b>2712.6</b>	<b>2762.0</b>	<b>2763.4</b>	<b>2861.5</b>	<b>2934.6</b>	<b>3013.3</b>	<b>3101.1</b>	<b>3145.6</b>	<b>3264.2</b>	<b>3312.1</b>	<b>3421.4</b>	<i>3402.1</i>	<i>3417.2</i>	<i>3509.7</i>
Nonutility Use/Sales <sup>f</sup> .....	<b>100.4</b>	<b>104.2</b>	<b>111.0</b>	<b>121.8</b>	<b>126.9</b>	<b>140.9</b>	<b>149.2</b>	<b>148.9</b>	<b>149.0</b>	<b>159.8</b>	<b>188.8</b>	<b>184.8</b>	<i>182.0</i>	<i>168.7</i>	<i>181.5</i>
Total Demand .....	<b>2747.2</b>	<b>2816.7</b>	<b>2873.0</b>	<b>2885.1</b>	<b>2988.4</b>	<b>3075.5</b>	<b>3162.4</b>	<b>3250.1</b>	<b>3294.6</b>	<b>3424.0</b>	<b>3500.9</b>	<b>3606.2</b>	<i>3584.1</i>	<i>3585.9</i>	<i>3691.2</i>
<b>Memos:</b>															
Nonutility Sales															
to Electric Utilities.....	<b>87.1</b>	<b>112.5</b>	<b>135.3</b>	<b>164.4</b>	<b>187.5</b>	<b>202.2</b>	<b>214.2</b>	<b>220.6</b>	<b>222.7</b>	<b>245.9</b>	<b>342.0</b>	<b>599.8</b>	<i>934.0</i>	<i>929.9</i>	<i>940.3</i>
Electric Utility Generation.....	<b>2784.3</b>	<b>2808.2</b>	<b>2825.0</b>	<b>2797.2</b>	<b>2882.5</b>	<b>2910.7</b>	<b>2994.5</b>	<b>3077.4</b>	<b>3122.5</b>	<b>3212.2</b>	<b>3173.7</b>	<b>3015.4</b>	<i>2661.0</i>	<i>2715.3</i>	<i>2798.8</i>
Nonutility Generation .....	<b>187.6</b>	<b>216.7</b>	<b>246.3</b>	<b>286.1</b>	<b>314.4</b>	<b>343.1</b>	<b>363.3</b>	<b>369.6</b>	<b>371.7</b>	<b>405.7</b>	<b>530.9</b>	<b>784.6</b>	<i>1116.0</i>	<i>1098.6</i>	<i>1121.8</i>

<sup>a</sup>Other includes generation from wind, wood, waste, and solar sources.

<sup>b</sup>Net generation.

<sup>c</sup>Data for 2000 are estimates.

<sup>d</sup>Balancing item, mainly transmission and distribution losses.

<sup>e</sup>Total of retail electricity sales by electric utilities and power marketers. Utility sales for historical periods are reported in EIA's Electric Power Monthly and Electric Power Annual. Power marketers' sales for historical periods are reported in EIA's Electric Sales and Revenue, Appendix C. Data for 2000 are estimates.

<sup>f</sup>Defined as the sum of nonutility facility use of onsite net electricity generation plus direct sales of power by nonutility generators to third parties, reported annually in Table 7.5 of the Monthly Energy Review (MER). Data for 2000 are estimates.

Notes: Minor discrepancies with other EIA published historical data are due to rounding. Historical data are printed in bold; forecasts are in italics.

Sources: Historical data: Energy Information Administration; latest data available from EIA databases supporting the following report: Electric Power Monthly, DOE/EIA-0226 and Electric Power Annual, DOE/EIA-0348. Projections: Energy Information Administration, Short-Term Integrated Forecasting System database, and Office of Coal, Nuclear, Electric and Alternate Fuels.