## Section 9. Energy Prices

Crude Oil. The average price of domestic crude oil at the wellhead was $\$ 36.53$ per barrel in July 2004, 33 percent above the level of July 2003. The refiner acquisition cost of imported crude oil in July 2004 was $\$ 35.99$ per barrel, 29 percent higher than the July 2003 level. The average cost of domestic crude oil in July 2004 was \$37.90, 28 percent more than the July 2003 average.

Motor Gasoline. The national city average retail price of unleaded regular gasoline at all types of stations was $\$ 1.90$ per gallon in August 2004, 17 percent higher than the price in August 2003. The price of unleaded premium gasoline averaged $\$ 2.09$ in August 2004, 16 percent higher than the price in August 2003.

Residual Fuel Oil. The average price, excluding taxes, of residual fuel oil sold to end users in July 2004 was 71 cents per gallon, 3 percent lower than the previous month's price but 2 percent higher than the July 2003 average. The average resale price, excluding taxes, of residual fuel oil in July 2004 was 66 cents, 5 percent lower than the June 2004 price but 8 percent higher than the price 1 year earlier.

Jet Fuel. The average price, excluding taxes, of kerosenetype jet fuel sold to end users in July 2004 was $\$ 1.17$ per gallon, 6 percent higher than the previous month's average price and 43 percent more than the July 2003 average price.

No. 2 Distillate Fuel Oil. The July 2004 national average price, excluding taxes, of heating oil sold to residential customers was $\$ 1.43$ per gallon, 2 percent higher than the June 2004 price and 23 percent higher than the July 2003 price. The average price of No. 2 fuel oil sold to all end users was $\$ 1.13$ per gallon in July 2004, 8 percent higher
than the June 2004 price and 36 percent higher than the price 1 year earlier.

Electricity. The average retail price of electricity sold to all ultimate consumers in the United States in July 2004 (latest month for which data are available) was 8.05 cents per kilowatthour, 2 percent higher than the average price in July 2003. The price of electricity sold to residential consumers in July 2004 averaged 9.34 cents per kilowatthour, 2 percent higher than the July 2003 price. The price of electricity sold to commercial consumers averaged 8.58 cents per kilowatthour in July 2004, slightly lower than the July 2003 price. The price of electricity sold to transportation users in July 2004 averaged 6.27 cents per kilowatthour. The price of electricity sold to industrial users in July 2004 averaged 5.46 cents per kilowatthour, 3 percent higher than the price 1 year earlier.

Natural Gas. The average wellhead price of natural gas for July 2004 (latest month for which data are available) was estimated as $\$ 5.60$ per thousand cubic feet, 14 percent higher than the July 2003 price.

The average price of natural gas delivered to the electric power sector was $\$ 6.52$ per thousand cubic feet in June 2004, 9 percent higher than the June 2003 price. The average price of natural gas used by residential consumers in July 2004 was $\$ 13.40$ per thousand cubic feet, 7 percent higher than the July 2003 price. The average price of natural gas used by commercial consumers in July 2004 was $\$ 9.49$ per thousand cubic feet, 9 percent higher than the July 2003 price. The average price of natural gas used by industrial consumers in July 2004 was $\$ 6.24$ per thousand cubic feet, 11 percent above the July 2003 price.

Crude Oil Prices, 1973-2003


Composite Refiner Acquisition Cost, Monthly


Refiner Prices to End Users: Motor Gasoline, Diesel Fuel, and Jet Fuel, Monthly


Refiner Prices to End Users: No. 2 Fuel Oil, Propane, and Residual Fuel, Monthly


[^0]Sources: Tables 9.1, 9.5, and 9.7

Table 9.1 Crude Oil Price Summary
(Dollars per Barrel)

|  |  |  |  |
| ---: | ---: | ---: | ---: | ---: | ---: |

[^1]current 2 months are preliminary. - F.O.B. and landed costs through 1980 reflect the period of reporting; prices since then reflect the period of loading. - Annual averages are the averages of the monthly prices, weighted by volume. - Geographic coverage is the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, and all U.S. Territories and Possessions.

Web Page: http://www.eia.doe.gov/emeu/mer/prices.html.
Sources: See end of section.

Table 9.2 F.O.B. Costs of Crude Oil Imports From Selected Countries
(Dollars per Barrel)

|  | Selected Countries |  |  |  |  |  |  | Persian Gulf Nations ${ }^{\text {a }}$ | Total OPEC ${ }^{\text {b }}$ | Total Non-OPEC |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Angola | Colombia | Mexico | Nigeria | Saudi <br> Arabia | United Kingdom | Venezuela |  |  |  |
| 1973 Average ${ }^{\text {c }}$........... | W | W | NA | 7.81 | 3.25 | NA | 5.39 | 3.68 | 5.43 | 4.80 |
| 1974 Average ............. | 11.87 | W | W | 12.44 | 10.17 | NA | 10.71 | 10.60 | 11.33 | 9.59 |
| 1975 Average ............. | 10.97 | ( ${ }^{\text {d }}$ ) | 11.44 | 11.82 | 10.87 | NA | 11.04 | 10.88 | 11.34 | 10.62 |
| 1976 Average ............. | 12.02 | (d) | 12.22 | 13.08 | 11.62 | W | 11.39 | 11.65 | 12.23 | 11.70 |
| 1977 Average ............. | 13.29 | (d) | 13.42 | 14.44 | 12.38 | 14.11 | 12.63 | 12.56 | 13.29 | 12.97 |
| 1978 Average ............ | 13.32 | (d) | 13.24 | 14.05 | 12.70 | 13.82 | 12.38 | 12.77 | 13.31 | 13.23 |
| 1979 Average ............. | 19.85 | (d) | 20.27 | 21.69 | 17.28 | 21.70 | 16.90 | 18.77 | 19.88 | 20.92 |
| 1980 Average ............ | 33.45 | W | 31.06 | 35.93 | 28.17 | 34.36 | 24.81 | 28.92 | 32.21 | 32.85 |
| 1981 Average ............. | 35.55 | ( ${ }_{\text {d }}$ ) | 33.01 | 38.31 | 32.60 | 36.06 | 28.95 | 33.00 | 35.17 | 35.12 |
| 1982 Average ............ | 31.86 | (d) | 28.08 | 35.13 | 33.73 | 33.42 | 23.74 | 33.55 | 33.48 | 30.58 |
| 1983 Average ............ | 28.14 | (d) | 25.20 | 29.81 | 27.53 | 29.91 | 21.48 | 27.70 | 28.46 | 27.20 |
| 1984 Average ............. | 27.46 | (d) | 26.39 | 29.51 | 27.67 | 28.87 | 24.23 | 27.48 | 27.79 | 27.45 |
| 1985 Average ............. | 26.30 | (d) | 25.33 | 28.04 | 22.04 | 27.64 | 23.64 | 23.31 | 25.67 | 25.96 |
| 1986 Average ............ | 13.30 | 12.34 | 11.84 | 14.35 | 11.36 | 13.84 | 10.92 | 11.35 | 12.21 | 12.87 |
| 1987 Average ............. | 17.27 | 17.84 | 16.36 | 18.47 | 15.12 | 18.28 | 15.08 | 15.97 | 16.43 | 16.99 |
| 1988 Average ............. | 13.70 | 13.61 | 12.18 | 15.16 | 12.16 | 14.80 | 12.96 | 12.38 | 13.43 | 13.05 |
| 1989 Average ............. | 17.66 | 17.89 | 15.96 | 18.31 | 16.29 | 17.89 | 16.09 | 16.61 | 17.06 | 16.72 |
| 1990 Average ............. | 20.23 | 20.75 | 19.26 | 22.46 | 20.36 | 23.43 | 19.55 | 18.54 | 20.40 | 20.32 |
| 1991 Average ............. | 18.47 | 18.49 | 15.37 | 20.29 | 14.62 | 20.81 | 14.91 | 15.22 | 16.99 | 16.77 |
| 1992 Average ............. | 18.41 | 18.02 | 15.26 | 19.98 | 15.85 | 19.61 | 14.39 | 16.35 | 16.87 | 16.66 |
| 1993 Average | 16.23 | 15.87 | 13.74 | 17.79 | 13.77 | 16.64 | 12.46 | 14.21 | 14.78 | 14.65 |
| 1994 Average ............. | 15.40 | 14.99 | 13.68 | 16.32 | 14.12 | 15.66 | 12.21 | 13.97 | 14.00 | 14.34 |
| 1995 Average ............. | 16.58 | 16.73 | 15.64 | 17.40 | W | 16.94 | 13.86 | W | 15.36 | 16.02 |
| 1996 Average | 20.71 | 21.33 | 19.14 | 21.27 | 19.28 | 19.43 | 17.73 | 19.22 | 18.94 | 19.65 |
| 1997 Average | 18.81 | 18.85 | 16.72 | 19.43 | 15.16 | 18.59 | 15.33 | 15.24 | 16.26 | 17.51 |
| 1998 Average ............. | 12.11 | 12.56 | 10.49 | 12.97 | 8.87 | 12.52 | 9.31 | 9.09 | 10.20 | 11.21 |
| 1999 Average ............. | 17.46 | 17.20 | 15.89 | 17.32 | 17.65 | 19.14 | 14.33 | 17.15 | 15.90 | 16.84 |
| 2000 Average | 27.90 | 29.04 | 25.39 | 28.70 | 24.62 | 27.21 | 24.45 | 24.72 | 25.56 | 26.77 |
| 2001 Average ............. | 23.25 | 24.25 | 18.89 | 24.85 | 18.98 | 23.30 | 18.01 | 18.89 | 19.73 | 21.04 |
| 2002 January ............... | 19.12 | 18.93 | 14.25 | 19.63 | W | W | 13.49 | 17.46 | 15.79 | 16.17 |
| February ............. | 18.76 | 19.28 | 15.91 | 20.73 | 21.11 | W | 14.84 | 19.77 | 17.61 | 17.71 |
| March .................. | 22.65 | 23.88 | 20.21 | 24.39 | 23.42 | W | 19.31 | 23.08 | 21.49 | 21.67 |
| April .................... | 24.36 | 25.57 | 22.42 | 25.66 | 23.17 | W | 20.02 | 23.38 | 22.48 | 23.38 |
| May .................... | 24.49 | 26.11 | 22.83 | W | 23.19 | 24.52 | 19.90 | 22.78 | 22.26 | 23.72 |
| June .................... | 22.93 | 24.30 | 22.05 | 24.39 | 23.55 | 23.24 | 20.50 | 23.56 | 22.26 | 22.84 |
| July ..................... | 24.63 | W | 22.50 | 26.01 | 25.12 | 25.39 | 21.71 | 24.99 | 23.46 | 23.92 |
| August ................ | 25.93 | 26.10 | 23.70 | 27.28 | 25.10 | W | 22.67 | 25.33 | 24.12 | 24.89 |
| September ........... | 27.97 | 29.11 | 25.31 | 28.56 | 24.67 | 28.41 | 23.98 | 24.71 | 25.09 | 26.30 |
| October ............... | 26.57 | 27.03 | 23.68 | 27.28 | 23.46 | 28.20 | 21.59 | 23.06 | 22.88 | 25.29 |
| November ........... | 23.58 | 24.14 | 20.63 | 24.93 | 25.12 | 25.10 | 20.18 | 24.58 | 22.36 | 22.46 |
| December ............ | 28.75 | 27.75 | 24.25 | 29.98 | 26.75 | W | 23.41 | 26.64 | 26.53 | 25.51 |
| Average ............. | 24.09 | 24.64 | 21.60 | 25.38 | 23.92 | 24.50 | 20.13 | 23.38 | 22.18 | 22.93 |
| 2003 January ............... | 31.59 | 32.94 | 28.32 | 31.76 | R 27.79 | 31.66 | W | R 27.83 | R 29.05 | 29.21 |
| February ............. | 33.49 | 35.25 | R 28.43 | 33.64 | 26.67 | 32.97 | 28.50 | 27.17 | 28.65 | R 30.52 |
| March .................. | 29.34 | 31.28 | R 24.97 | 30.82 | 24.87 | 28.78 | 22.83 | 25.09 | 25.39 | 26.99 |
| April | 24.81 | 24.85 | R 21.53 | 25.27 | R 20.97 | W | 21.00 | R 21.08 | R 21.83 | R 23.40 |
| May .................... | 25.63 | 25.13 | R 22.56 | 27.03 | R 22.52 | 25.28 | 21.61 | R 22.57 | R 22.78 | R 23.99 |
| June .................... | 26.66 | 27.63 | 24.39 | 27.79 | R 26.45 | W | 22.98 | R 26.37 | R 24.88 | 25.67 |
| July .................... | 27.83 | W | R 25.60 | 29.14 | 25.54 | W | 24.51 | 25.58 | 25.63 | R 26.41 |
| August ................ | R 28.76 | 28.97 | 25.88 | 30.08 | 26.22 | 29.42 | 24.87 | 25.99 | 26.33 | 27.20 |
| September .......... | ${ }^{\text {R }} 26.13$ | 27.44 | 23.33 | R 27.28 | 23.82 | W | 22.76 | 23.80 | R 23.78 | R 24.32 |
| October ............... | 29.47 | 28.91 | 23.77 | 30.02 | W | W | 23.77 | - 26.29 | 25.84 | 26.21 |
| November ........... | 28.94 | W | 24.92 | 29.78 | ${ }^{\mathrm{R}} 27.70$ | 29.32 | 23.75 | R 26.88 | 26.09 | 25.99 |
| December ............ | 29.58 | 30.02 | 25.56 | 30.60 | R 27.70 | W | 25.71 | R 27.32 | R 27.05 | R 26.56 |
| Average ............. | R 28.22 | 28.89 | 24.83 | 29.40 | R 25.03 | 28.76 | 23.81 | R 25.17 | 25.36 | R 26.21 |
| 2004 January .............. | W | 33.14 | 26.65 | 31.25 | W | W | 25.94 | 27.98 | 27.88 | 28.40 |
| February ............. | 30.06 | W | 26.24 | 32.03 | W | W | 26.70 | 28.05 | 28.70 | 28.33 |
| March .................. | W | 33.17 | 28.26 | 33.80 | W | 33.72 | 28.15 | 29.76 | 30.08 | 29.97 |
| April ................... | 32.43 | 34.47 | 29.46 | 34.21 | W | W | 31.23 | 29.89 | 31.54 | 30.47 |
| May .................... | W | 36.46 | 32.40 | 38.16 | W | W | 33.18 | R 32.49 | R 34.50 | 33.25 |
| June .................... | R 34.89 | 35.10 | R 30.32 | R 35.63 | R 32.51 | W | R 30.92 | R 32.00 | R 32.36 | R 31.86 |
| July .................... | 35.97 | 39.28 | 32.56 | 38.71 | 34.41 | ( ${ }^{\text {d }}$ ) | 32.27 | 34.00 | 34.00 | 34.29 |

a Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.
b Current members are Algeria, Indonesia, Iran, Iraq, Kuwait, Libya, Nigeria, Qatar, Saudi Arabia, United Arab Emirates, and Venezuela. Ecuador is included in the data through 1992 and Gabon through 1995.
${ }^{\text {c }}$ Based on October, November, and December data only.
d No data reported.
$\mathrm{R}=$ Revised. $\mathrm{NA}=$ Not available. $\mathrm{W}=$ Value withheld to avoid disclosure of individual company data.
Notes: - The Free on Board (F.O.B.) cost at the country of origin excludes all costs related to insurance and transportation. See Note 2 at end of
section. - Values for the current 2 months are preliminary. - Prices through 1980 reflect the period of reporting; prices since then reflect the period of loading. - Annual averages are averages of the monthly prices, including prices not published, weighted by volume. - Cargoes that are purchased on a "netback" basis, or under similar contractual arrangements whereby the actual purchase price is not established at the time the crude oil is acquired for importation into the United States, are not included in the published data until the actual prices have been determined and reported. - U.S. geographic coverage is the 50 States and the District of Columbia.
Web Page: http://www.eia.doe.gov/emeu/mer/prices.html.
Sources: See end of section.

Table 9.3 Landed Costs of Crude Oil Imports From Selected Countries (Dollars per Barrel)

|  | Selected Countries |  |  |  |  |  |  |  | Persian Gulf Nations ${ }^{\text {a }}$ | Total OPEC ${ }^{\text {b }}$ | Total Non-OPEC |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Angola | Canada | Colombia | Mexico | Nigeria | Saudi <br> Arabia | United Kingdom | Venezuela |  |  |  |
| 1973 Average ${ }^{\text {c }}$............. | W | 5.33 | W | NA | 9.08 | 5.37 | NA | 5.99 | 5.91 | 6.85 | 5.64 |
| 1974 Average .............. | 12.48 | 11.48 | W | W | 13.16 | 11.63 | NA | 11.25 | 12.21 | 12.49 | 11.81 |
| 1975 Average .............. | 11.81 | 12.84 | (d) | 12.61 | 12.70 | 12.50 | NA | 12.36 | 12.64 | 12.70 | 12.70 |
| 1976 Average | 12.71 | 13.36 | (d) | 12.64 | 13.81 | 13.06 | W | 11.89 | 13.03 | 13.32 | 13.35 |
| 1977 Average .............. | 14.04 | 14.13 | (d) | 13.82 | 15.29 | 13.69 | 14.83 | 13.11 | 13.85 | 14.35 | 14.42 |
| 1978 Average .............. | 14.07 | 14.41 | (d) | 13.56 | 14.88 | 13.94 | 14.53 | 12.84 | 14.01 | 14.34 | 14.38 |
| 1979 Average .............. | 21.06 | 20.22 | (d) | 20.77 | 22.97 | 18.95 | 22.97 | 17.65 | 20.42 | 21.29 | 22.10 |
| 1980 Average .............. | 34.76 | 30.11 | W | 31.77 | 37.15 | 29.80 | 35.68 | 25.92 | 30.59 | 33.56 | 33.99 |
| 1981 Average .............. | 36.84 | 32.32 | (d) | 33.70 | 39.66 | 34.20 | 37.29 | 29.91 | 34.61 | 36.60 | 36.14 |
| 1982 Average ............... | 33.08 | 27.15 | (d) | 28.63 | 36.16 | 34.99 | 34.25 | 24.93 | 34.94 | 34.81 | 31.47 |
| 1983 Average | 29.31 | 25.63 | (d) | 25.78 | 30.85 | 29.27 | 30.87 | 22.94 | 29.37 | 29.84 | 28.08 |
| 1984 Average | 28.49 | 26.56 | (d) | 26.85 | 30.36 | 29.20 | 29.45 | 25.19 | 29.07 | 29.06 | 28.14 |
| 1985 Average | 27.39 | 25.71 | (d) | 25.63 | 28.96 | 24.72 | 28.36 | 24.43 | 25.50 | 26.86 | 26.53 |
| 1986 Average | 14.09 | 13.43 | 12.85 | 12.17 | 15.29 | 12.84 | 14.63 | 11.52 | 12.92 | 13.46 | 13.52 |
| 1987 Average | 18.20 | 17.04 | 18.43 | 16.69 | 19.32 | 16.81 | 18.78 | 15.76 | 17.47 | 17.64 | 17.66 |
| 1988 Average .............. | 14.48 | 13.50 | 14.47 | 12.58 | 15.88 | 13.37 | 15.82 | 13.66 | 13.51 | 14.18 | 13.96 |
| 1989 Average ............... | 18.36 | 16.81 | 18.10 | 16.35 | 19.19 | 17.34 | 18.74 | 16.78 | 17.37 | 17.78 | 17.54 |
| 1990 Average .............. | 21.51 | 20.48 | 22.34 | 19.64 | 23.33 | 21.82 | 22.65 | 20.31 | 20.55 | 21.23 | 20.98 |
| 1991 Average ............... | 19.90 | 17.16 | 19.55 | 15.89 | 21.39 | 17.22 | 21.37 | 15.92 | 17.34 | 18.08 | 17.93 |
| 1992 Average .............. | 19.36 | 17.04 | 18.46 | 15.60 | 20.78 | 17.48 | 20.63 | 15.13 | 17.58 | 17.81 | 17.67 |
| 1993 Average .............. | 17.40 | 15.27 | 16.54 | 14.11 | 18.73 | 15.40 | 17.92 | 13.39 | 15.26 | 15.68 | 15.78 |
| 1994 Average .............. | 16.36 | 14.83 | 15.80 | 14.09 | 17.21 | 15.11 | 16.64 | 13.12 | 15.00 | 15.08 | 15.29 |
| 1995 Average .............. | 17.66 | 16.65 | 17.45 | 16.19 | 18.25 | 16.84 | 17.91 | 14.81 | 16.78 | 16.61 | 16.95 |
| 1996 Average .............. | 21.86 | 19.94 | 22.02 | 19.64 | 21.95 | 20.49 | 20.88 | 18.59 | 20.45 | 20.14 | 20.47 |
| 1997 Average .............. | 20.24 | 17.63 | 19.71 | 17.30 | 20.64 | 17.52 | 20.64 | 16.35 | 17.44 | 17.73 | 18.45 |
| 1998 Average .............. | 13.37 | 11.62 | 13.26 | 11.04 | 14.14 | 11.16 | 13.55 | 10.16 | 11.18 | 11.46 | 12.22 |
| 1999 Average .............. | 18.37 | 17.54 | 18.09 | 16.12 | 17.63 | 17.48 | 18.26 | 15.58 | 17.37 | 16.94 | 17.51 |
| 2000 Average | 29.57 | 26.69 | 29.68 | 26.03 | 30.04 | 26.58 | 29.26 | 26.05 | 26.77 | 27.29 | 27.80 |
| 2001 Average .............. | 25.13 | 20.72 | 25.88 | 19.37 | 26.55 | 20.98 | 25.32 | 19.81 | 20.73 | 21.52 | 22.17 |
| 2002 January | 20.03 | 15.64 | 19.86 | 14.87 | 20.41 | 19.02 | W | 15.07 | 18.02 | 17.57 | 16.95 |
| February ............... | 19.70 | 18.00 | 20.33 | 16.29 | 21.57 | 21.99 | 20.83 | 16.49 | 20.67 | 19.68 | 18.58 |
| March . | 22.99 | 20.05 | 24.54 | 20.38 | 24.33 | 24.01 | 23.72 | 20.82 | 23.31 | 22.79 | 21.72 |
| April ..................... | 25.24 | 23.37 | 26.22 | 22.90 | 26.47 | 24.18 | 25.35 | 22.02 | 24.06 | 24.03 | 24.26 |
| May ...................... | 25.52 | 23.97 | 25.85 | 23.45 | 26.56 | 24.48 | 25.93 | 21.92 | 24.33 | 24.11 | 24.78 |
| June ..................... | 24.48 | 23.15 | 24.99 | 22.61 | 25.55 | 24.61 | 25.12 | 22.30 | 24.48 | 23.98 | 23.93 |
| July ...................... | 26.06 | 24.38 | 25.99 | 23.09 | 26.89 | 25.97 | 26.36 | 23.34 | 25.77 | 25.06 | 24.98 |
| August .................. | 26.99 | 25.63 | 27.00 | 24.21 | 27.75 | 26.67 | 27.00 | 24.43 | 26.51 | 25.94 | 25.92 |
| September ............ | 28.93 | 26.00 | 29.77 | 25.76 | 29.44 | 25.93 | 28.20 | 25.45 | 25.97 | 26.37 | 27.16 |
| October ................. | 27.75 | 25.16 | 28.07 | 24.14 | 28.59 | 25.02 | 28.90 | 23.06 | 24.92 | 24.73 | 26.30 |
| November ............. | 25.06 | 23.24 | 25.28 | 21.24 | 26.53 | 26.37 | 26.96 | 22.02 | 25.86 | 24.53 | 23.92 |
| December ............. | 30.65 | 24.53 | 28.42 | 24.63 | 30.58 | 28.20 | 29.38 | 25.09 | 27.91 | 28.07 | 26.32 |
| Average ............... | 25.43 | 22.98 | 25.28 | 22.09 | 26.45 | 24.77 | 26.35 | 21.93 | 24.13 | 23.83 | 23.97 |
| 2003 January ................ | r33.28 | 27.91 | 34.11 | 28.71 | 33.40 | R 30.55 | 32.89 | 29.38 | 30.22 | 30.79 | R 29.99 |
| February ............... | R 36.01 | 30.10 | 36.79 | 29.28 | 35.65 | 29.25 | 34.74 | 30.80 | 29.85 | 30.73 | R 31.94 |
| March .... | 32.00 | 29.93 | 32.73 | R 26.18 | 34.29 | 26.23 | 31.32 | 26.51 | 27.01 | 28.24 | 29.52 |
| April | 27.77 | 26.06 | 26.15 | 22.24 | 29.54 | R 24.46 | 28.23 | 23.33 | R 24.26 | 24.86 | R 25.62 |
| May ..................... | 27.39 | 24.98 | 26.85 | R 23.12 | 28.33 | R 25.40 | 26.75 | 23.42 | R 25.15 | R 25.30 | R 25.50 |
| June ..................... | 28.52 | 26.91 | 29.35 | 25.09 | 29.49 | R 28.22 | 29.58 | 25.06 | R 28.11 | 27.38 | 27.33 |
| July ...................... | 29.60 | 26.88 | 30.17 | R 26.05 | 30.40 | 27.54 | 29.83 | 26.11 | 27.50 | 27.58 | R 27.84 |
| August | R 30.04 | R 27.48 | 30.24 | 26.37 | 31.10 | 27.08 | 30.52 | 26.23 | 26.93 | 27.70 | 28.27 |
| September ............. | R 27.91 | R 25.17 | 28.13 | 23.76 | R 29.12 | 25.81 | 28.95 | 24.09 | 25.88 | R 25.99 | R 25.84 |
| October | 31.07 | 25.57 | 29.88 | 24.37 | 30.38 | 28.23 | 31.14 | 25.48 | 28.01 | 27.76 | 26.97 |
| November ............. | 30.57 | 25.06 | 30.38 | 25.54 | 31.45 | 29.13 | 31.60 | 25.85 | 28.61 | 28.36 | 26.95 |
| December ............. | 31.60 R | r 26.16 | 32.63 | 26.27 | 32.51 | R 30.56 | 31.46 | 27.70 | R 30.17 | R 29.84 | 27.79 |
| Average ............... | ${ }^{\text {R }} 30.14$ | R 26.76 | 30.55 | R 25.48 | R 31.07 | R 27.50 | 30.62 | 25.70 | R 27.54 | R 27.70 | 27.68 |
| 2004 January ................ | 34.03 | 29.37 | 34.85 | 27.81 | 33.63 | 31.73 | 32.89 | 28.79 | 31.43 | 31.20 | 30.32 |
| February ............... | 34.44 | 30.21 | 35.99 | 27.10 | 35.09 | 31.98 | 33.30 | 28.98 | 31.70 | 31.86 | 30.35 |
| March .................... | 35.00 | 30.95 | 35.34 | 28.92 | 36.06 | 33.11 | 36.41 | 30.00 | 32.89 | 32.92 | 31.60 |
| April ..................... | 35.29 | 31.20 R | 35.30 | 29.82 | 36.65 | 33.37 R | 35.11 | R 32.39 | R33.21 | 33.69 R | 31.97 |
| May . | r 37.90 | R 32.70 | 37.78 | r 32.84 | 39.33 | R 34.89 | 38.14 | R 34.16 | R 34.68 | R 35.70 | R 34.45 |
| June | R 37.02 | R 33.05 | 36.19 | R 30.89 | R 38.04 | R 35.19 | R 36.50 | R 32.29 | R 34.49 | R 34.80 | R 33.39 |
| July ....................... | 38.27 | 34.91 | 38.49 | 32.85 | 39.88 | 37.09 | 38.16 | 33.47 | 36.66 | 36.49 | 35.18 |

a Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.
b Current members are Algeria, Indonesia, Iran, Iraq, Kuwait, Libya, Nigeria, Qatar, Saudi Arabia, United Arab Emirates, and Venezuela. Ecuador is included in the data through 1992 and Gabon through 1995.
c Based on October, November, and December data only.
d No data reported.
$R=$ Revised. $N A=$ Not available. $W=$ Value withheld to avoid disclosure of $\mathrm{R}=\mathrm{Revised}$. $N A=$ Not
individual company data.
Notes: - See Note 3 at end of section. - Values for the current 2 months are preliminary. - Prices through 1980 reflect the period of reporting; prices since then reflect the period of loading. - Annual averages are averages of the monthly prices, including prices not published, weighted by volume.

- Cargoes that are purchased on a "netback" basis, or under similar contractual arrangements whereby the actual purchase price is not established at the time the crude oil is acquired for importation into the United States, are not included in the published data until the actual prices have been determined and reported. - U.S. geographic coverage is the 50 States and the District of Columbia.
Web Page: http://www.eia.doe.gov/emeu/mer/prices.html.
Sources: - October 1973-September 1977: Federal Energy Administration, Form FEA-F701-M-0, "Transfer Pricing Report." - October 1977-December 1977: Energy Information Administration (EIA), Form FEA-F701-M-0, "Transfer Pricing Report." - 1978 forward: EIA, Petroleum Marketing Monthly, October 2004, Table 25.

Table 9.4 Motor Gasoline Retail Prices, U.S. City Average
(Cents per Gallon, Including Taxes)

|  | Leaded Regular | Unleaded Regular | Unleaded Premium | All Types ${ }^{\text {a }}$ |
| :---: | :---: | :---: | :---: | :---: |
| 1973 Average ............................ | 38.8 | NA | NA | NA |
| 1974 Average ............................ | 53.2 | NA | NA | NA |
| 1975 Average ............................ | 56.7 | NA | NA | NA |
| 1976 Average ............................ | 59.0 | 61.4 | NA | NA |
| 1977 Average ............................ | 62.2 | 65.6 | NA | NA |
| 1978 Average ............................ | 62.6 | 67.0 | NA | 65.2 |
| 1979 Average ............................ | 85.7 | 90.3 | NA | 88.2 |
| 1980 Average ............................ | 119.1 | 124.5 | NA | 122.1 |
| 1981 Average ${ }^{\text {b }}$ | 131.1 | 137.8 | ${ }^{\text {c }} 147.0$ | 135.3 |
| 1982 Average ............................ | 122.2 | 129.6 | 141.5 | 128.1 |
| 1983 Average ............................ | 115.7 | 124.1 | 138.3 | 122.5 |
| 1984 Average ............................ | 112.9 | 121.2 | 136.6 | 119.8 |
| 1985 Average ............................ | 111.5 | 120.2 | 134.0 | 119.6 |
| 1986 Average ............................ | 85.7 | 92.7 | 108.5 | 93.1 |
| 1987 Average ............................ | 89.7 | 94.8 | 109.3 | 95.7 |
| 1988 Average ............................ | 89.9 | 94.6 | 110.7 | 96.3 |
| 1989 Average ............................ | 99.8 | 102.1 | 119.7 | 106.0 |
| 1990 Average ........................... | 114.9 | 116.4 | 134.9 | 121.7 |
| 1991 Average ............................ | NA | 114.0 | 132.1 | 119.6 |
| 1992 Average | NA | 112.7 | 131.6 | 119.0 |
| 1993 Average | NA | 110.8 | 130.2 | 117.3 |
| 1994 Average | NA | 111.2 | 130.5 | 117.4 |
| 1995 Average ............................ | NA | 114.7 | 133.6 | 120.5 |
| 1996 Average ............................ | NA | 123.1 | 141.3 | 128.8 |
| 1997 Average ........ | NA | 123.4 | 141.6 | 129.1 |
| 1998 Average ......... | NA | 105.9 | 125.0 | 111.5 |
| 1999 Average | NA | 116.5 | 135.7 | 122.1 |
| 2000 Average ........................... | NA | 151.0 | 169.3 | 156.3 |
| 2001 Average ............................. | NA | 146.1 | 165.7 | 153.1 |
| 2002 January .............................. | NA | 113.9 | 132.3 | 120.9 |
| February | NA | 113.0 | 133.0 | 121.0 |
| March ................................. | NA | 124.1 | 145.0 | 132.4 |
| April ................................... | NA | 140.7 | 162.2 | 149.3 |
| May ................................... | NA | 142.1 | 162.5 | 150.8 |
| June ................................. | NA | 140.4 | 160.6 | 148.9 |
| July ................................... | NA | 141.2 | 160.7 | 149.6 |
| August | NA | 142.3 | 162.0 | 150.8 |
| September .......................... | NA | 142.2 | 161.9 | 150.7 |
| October ............................. | NA | 144.9 | 164.3 | 153.5 |
| November ......................... | NA | 144.8 | 164.3 | 153.4 |
| December ....................... | NA | 139.4 | 158.9 | 147.7 |
| Average ............................ | NA | 135.8 | 155.6 | 144.1 |
| 2003 January .............................. | NA | 147.3 | 166.6 | 155.7 |
| February ............................. | NA | 164.1 | 182.8 | 168.6 |
| March ..... | NA | 174.8 | 192.4 | 179.1 |
| April . | NA | 165.9 | 184.6 | 170.4 |
| May ................................... | NA | 154.2 | 172.9 | 158.7 |
| June .................................. | NA | 151.4 | 170.0 | 155.8 |
| July | NA | 152.4 | 171.0 | 156.7 |
| August ............................... | NA | 162.8 | 180.8 | 167.1 |
| September ......................... | NA | 172.8 | 191.1 | 177.1 |
| October .............................. | NA | 160.3 | 178.9 | 164.6 |
| November .......................... | NA | 153.5 | 172.4 | 157.8 |
| December ........................... | NA | 149.4 | 168.6 | 153.8 |
| Average ........................... | NA | 159.1 | 177.7 | 163.8 |
| 2004 January .............................. | NA | 159.2 | 177.9 | 163.5 |
| February ............................ | NA | 167.2 | 185.8 | 171.5 |
| March ............................... | NA | 176.6 | 194.9 | 180.9 |
| April ................................... | NA | 183.3 | 201.2 | 187.5 |
| May ................................... | NA | 200.9 | 218.6 | 205.0 |
| June .................................. | NA | 204.1 | 222.5 | 208.3 |
| July | NA | 193.9 | 213.0 | 198.2 |
| August .............................. | NA | 189.8 | 209.1 | 194.1 |

a Also includes types of motor gasoline not shown separately.
b In September 1981, the Bureau of Labor Statistics changed the weights used in the calculation of average motor gasoline prices. From September 1981 forward, gasohol is included in the average for all types, and unleaded premium is weighted more heavily.
c Based on September through December data only.
NA=Not available.
Notes: - See Note 5 at end of section. - Geographic coverage for

1973-1977 is 56 urban areas. Geographic coverage for 1978 forward is 85 urban areas.

Web Page: http://www.eia.doe.gov/emeu/mer/prices.html.
Sources: - Monthly Data: U.S. Department of Labor, Bureau of Labor Statistics, Consumer Prices: Energy. - Annual Data: 1973-Platt's Oil Price Handbook and Oilmanac, 1974, 51st Edition. 1974 forward-calculated by the Energy Information Administration as the simple averages of monthly data.

Table 9.5 Refiner Prices of Residual Fuel Oil
(Cents per Gallon, Excluding Taxes)

|  | Residual Fuel Oil Sulfur Content Less Than or Equal to 1 Percent |  | Residual Fuel Oil Sulfur Content Greater Than 1 Percent |  | Average |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Sales for Resale | Sales to End Users | Sales for Resale | Sales to End Users | Sales for Resale | Sales to End Users |
| 1978 Average ............... | 29.3 | 31.4 | 24.5 | 27.5 | 26.3 | 29.8 |
| 1979 Average ............... | 45.0 | 46.8 | 36.6 | 38.9 | 39.9 | 43.6 |
| 1980 Average ............... | 60.8 | 67.5 | 47.9 | 52.3 | 52.8 | 60.7 |
| 1981 Average ............... | 74.8 | 82.9 | 62.2 | 67.3 | 66.3 | 75.6 |
| 1982 Average ............... | 69.5 | 74.7 | 57.2 | 61.1 | 61.2 | 67.6 |
| 1983 Average ............... | 64.3 | 69.5 | 59.1 | 61.1 | 60.9 | 65.1 |
| 1984 Average ............... | 68.5 | 72.0 | 63.9 | 65.9 | 65.4 | 68.7 |
| 1985 Average ............... | 61.0 | 64.4 | 56.0 | 58.2 | 57.7 | 61.0 |
| 1986 Average ............... | 32.8 | 37.2 | 28.9 | 31.7 | 30.5 | 34.3 |
| 1987 Average ............... | 41.2 | 44.7 | 36.2 | 39.6 | 38.5 | 42.3 |
| 1988 Average ............... | 33.3 | 37.2 | 27.1 | 30.0 | 30.0 | 33.4 |
| 1989 Average ............... | 40.7 | 43.6 | 33.1 | 34.4 | 36.0 | 38.5 |
| 1990 Average ............... | 47.2 | 50.5 | 37.2 | 40.0 | 41.3 | 44.4 |
| 1991 Average ............... | 36.4 | 40.2 | 29.2 | 30.6 | 31.4 | 34.0 |
| 1992 Average ............... | 35.1 | 38.9 | 28.6 | 31.2 | 30.8 | 33.6 |
| 1993 Average ............... | 33.7 | 39.7 | 25.6 | 30.3 | 29.3 | 33.7 |
| 1994 Average ............... | 34.5 | 40.1 | 28.7 | 33.0 | 31.7 | 35.2 |
| 1995 Average ............... | 38.3 | 43.6 | 33.8 | 37.7 | 36.3 | 39.2 |
| 1996 Average ............... | 45.6 | 52.6 | 38.9 | 43.3 | 42.0 | 45.5 |
| 1997 Average ............... | 41.5 | 48.8 | 36.6 | 40.3 | 38.7 | 42.3 |
| 1998 Average ............... | 29.9 | 35.4 | 26.9 | 28.7 | 28.0 | 30.5 |
| 1999 Average ............... | 38.2 | 40.5 | 32.9 | 36.2 | 35.4 | 37.4 |
| 2000 Average ............... | 62.7 | 70.8 | 51.2 | 56.6 | 56.6 | 60.2 |
| 2001 Average ............... | 52.3 | 64.2 | 42.8 | 49.2 | 47.6 | 53.1 |
| 2002 January ................. | 40.4 | 51.8 | 33.7 | 41.6 | 38.2 | 44.2 |
| February ............... | 37.1 | 52.2 | 33.7 | 40.9 | 35.9 | 43.3 |
| March .................... | 46.0 | 53.5 | 40.5 | 48.3 | 43.7 | 49.7 |
| April ..................... | 53.8 | 59.4 | 48.0 | 55.0 | 51.2 | 56.0 |
| May ...................... | 56.3 | 63.5 | 52.1 | 56.6 | 54.5 | 58.1 |
| June ..................... | 53.5 | 61.4 | 53.3 | 57.2 | 53.4 | 58.2 |
| July ...................... | 55.7 | 63.2 | 50.9 | 56.8 | 53.7 | 58.6 |
| August ................. | 60.6 | 67.4 | 55.8 | 59.2 | 58.4 | 61.4 |
| September ............ | 60.1 | 67.8 | 56.8 | 62.6 | 58.7 | 63.8 |
| October ................. | 65.1 | 72.7 | 54.5 | 63.7 | 60.7 | 65.8 |
| November ............. | 59.1 | 73.6 | 58.2 | 54.8 | 58.7 | 60.1 |
| December ............. | 67.6 | 73.9 | 59.7 | 56.6 | 64.1 | 62.0 |
| Average ............... | 54.6 | 64.0 | 50.8 | 54.4 | 53.0 | 56.9 |
| 2003 January ................. | ${ }^{\mathrm{R}} 79.7$ | ${ }^{\mathrm{R}} 86.6$ | NA | ${ }^{\mathrm{R}} 71.2$ | ${ }^{\text {R } 73.1}$ | 75.4 |
| February ............... | R 94.4 | ${ }^{\mathrm{R}} 97.2$ | ${ }^{\mathrm{R}} 76.0$ | ${ }^{\mathrm{R}} 77.1$ | ${ }^{\mathrm{R}} 87.3$ | ${ }^{\text {R }} 83.9$ |
| March .................... | 88.1 | ${ }^{\mathrm{R}} 98.1$ | ${ }^{\mathrm{R}} 62.4$ | ${ }^{\mathrm{R}} 72.1$ | ${ }^{\mathrm{R}} 77.4$ | ${ }^{\mathrm{R}} 81.1$ |
| April ..................... | ${ }^{\mathrm{R}} 60.3$ | ${ }^{\mathrm{R}} 77.3$ | ${ }^{\mathrm{R}} 51.9$ | ${ }^{\text {R }} 59.5$ | ${ }^{\mathrm{R}} 56.9$ | ${ }^{\text {R } 64.3}$ |
| May ...................... | R 62.8 | 74.9 | ${ }^{\mathrm{R}} 53.2$ | 58.8 | ${ }^{\text {R }} 57.2$ | 61.9 |
| June ..................... | ${ }^{\mathrm{R}} 62.6$ | 71.9 | ${ }^{\mathrm{R}} 54.1$ | 60.0 | ${ }^{\mathrm{R}} 58.0$ | 63.9 |
| July ...................... | ${ }^{\mathrm{R}} 64.9$ | 74.5 | ${ }^{\mathrm{R}} 58.9$ | ${ }^{\mathrm{R}} 67.8$ | ${ }^{\mathrm{R}} 61.7$ | 70.1 |
| August .................. | ${ }^{\mathrm{R}} 67.2$ | 75.4 | R 60.7 | ${ }^{\mathrm{R}} 67.2$ | ${ }^{\mathrm{R}} 63.4$ | 69.8 |
| September .............. | ${ }^{\mathrm{R}} 62.6$ | 72.0 | ${ }^{\mathrm{R}} 56.1$ | 61.2 | ${ }^{\text {R } 58.6}$ | 64.6 |
| October | ${ }^{\mathrm{R}} 65.2$ | 70.7 | ${ }^{\mathrm{R}} 56.6$ | 62.8 | 60.1 | 65.2 |
| November | R 67.3 | 76.7 | ${ }^{\mathrm{R}} 58.7$ | 62.2 | ${ }^{\mathrm{R}} 62.7$ | 66.7 |
| December | ${ }^{\mathrm{R}} 66.7$ | 79.3 | 54.5 | 60.7 | ${ }^{\mathrm{R}} 62.3$ | 66.8 |
| Average ............... | ${ }^{\mathrm{R}} 72.8$ | ${ }^{\mathrm{R}} 80.4$ | 58.8 | ${ }^{\text {R } 65.1}$ | ${ }^{\mathrm{R}} 66.1$ | ${ }^{\mathrm{R}} 69.8$ |
| 2004 January ................. | 75.3 | 84.4 | 57.6 | 64.9 | 69.0 | 71.6 |
| February ............... | 76.3 | 80.7 | 59.3 | 64.0 | 69.7 | 70.3 |
| March ................... | 67.3 | 76.3 | 57.1 | 62.5 | 62.8 | 67.5 |
| April ..................... | 69.9 | 75.8 | 58.4 | 64.8 | 64.4 | 68.8 |
| May ...................... | 76.4 | 79.1 | 62.9 | 69.8 | 68.9 | 72.8 |
| June ..................... | 75.7 | 78.7 | R 62.7 | 71.6 | 69.6 | 73.9 |
| July ...................... | 72.2 | 76.3 | 60.4 | 69.3 | 66.4 | 71.4 |

R=Revised. NA=Not available.
Notes: - Sales for resale are those made to purchasers other than ultimate consumers. Sales to end users are those made directly to ultimate consumers, including bulk consumers (such as agriculture, industry, and electric utilities) and commercial consumers. - Values for the current month
are preliminary. - Prices prior to 1983 are Energy Information Administration (EIA) estimates. See Note 6 at end of section. - Geographic coverage is the (EIA) estimates. See Note 6 at end of

Web Page: http://www.eia.doe.gov/emeu/mer/prices.html.
Source: EIA, Petroleum Marketing Monthly, October 2004, Table 19.

Table 9.6 Refiner Prices of Petroleum Products for Resale
(Cents per Gallon, Excluding Taxes)

|  | Finished Motor Gasoline ${ }^{\text {a }}$ | Finished Aviation Gasoline | KeroseneType Jet Fuel | Kerosene | No. 2 Fuel Oil | No. 2 <br> Diesel Fuel | Propane (Consumer Grade) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1978 Average .................... | 43.4 | 53.7 | 38.6 | 40.4 | 36.9 | 36.5 | 23.7 |
| 1979 Average .................... | 63.7 | 72.1 | 66.0 | 62.4 | 56.9 | 57.4 | 29.1 |
| 1980 Average .................... | 94.1 | 112.8 | 86.8 | 86.4 | 80.3 | 80.1 | 41.5 |
| 1981 Average .................... | 106.4 | 125.0 | 101.2 | 106.6 | 97.6 | 97.2 | 46.6 |
| 1982 Average ................... | 97.3 | 122.8 | 95.3 | 101.8 | 91.4 | 91.4 | 42.7 |
| 1983 Average .................... | 88.2 | 117.8 | 85.4 | 89.2 | 81.5 | 80.8 | 48.4 |
| 1984 Average .................... | 83.2 | 116.5 | 83.0 | 91.6 | 82.1 | 80.3 | 45.0 |
| 1985 Average .................... | 83.5 | 113.0 | 79.4 | 87.4 | 77.6 | 77.2 | 39.8 |
| 1986 Average .................... | 53.1 | 91.2 | 49.5 | 60.6 | 48.6 | 45.2 | 29.0 |
| 1987 Average .................... | 58.9 | 85.9 | 53.8 | 59.2 | 52.7 | 53.4 | 25.2 |
| 1988 Average .................... | 57.7 | 85.0 | 49.5 | 54.9 | 47.3 | 47.3 | 24.0 |
| 1989 Average .................... | 65.4 | 95.0 | 58.3 | 66.9 | 56.5 | 56.7 | 24.7 |
| 1990 Average .................... | 78.6 | 106.3 | 77.3 | 83.9 | 69.7 | 69.4 | 38.6 |
| 1991 Average .................... | 69.9 | 100.1 | 65.0 | 72.2 | 62.2 | 61.5 | 34.9 |
| 1992 Average .................... | 67.7 | 99.1 | 60.5 | 63.2 | 57.9 | 59.1 | 32.8 |
| 1993 Average .................... | 62.6 | 96.5 | 57.7 | 60.4 | 54.4 | 57.0 | 35.1 |
| 1994 Average .................... | 59.9 | 93.3 | 53.4 | 61.8 | 50.6 | 52.9 | 32.4 |
| 1995 Average | 62.6 | 97.5 | 53.9 | 58.0 | 51.1 | 53.8 | 34.4 |
| 1996 Average .................... | 71.3 | 105.5 | 64.6 | 71.4 | 63.9 | 65.9 | 46.1 |
| 1997 Average .................... | 70.0 | 106.5 | 61.3 | 65.3 | 59.0 | 60.6 | 41.6 |
| 1998 Average .................... | 52.6 | 91.2 | 45.0 | 46.5 | 42.2 | 44.4 | 28.8 |
| 1999 Average .................... | 64.5 | 100.7 | 53.3 | 55.0 | 49.3 | 54.6 | 34.2 |
| 2000 Average | 96.3 | 133.0 | 88.0 | 96.9 | 88.6 | 89.8 | 59.5 |
| 2001 Average .................... | 88.6 | 125.6 | 76.3 | 82.1 | 75.6 | 78.4 | 54.0 |
| 2002 January ...................... | 61.2 | 97.5 | 57.2 | 61.9 | 57.6 | 54.6 | 37.4 |
| February .................... | 62.8 | 99.8 | 57.1 | 61.1 | 57.8 | 56.7 | 36.4 |
| March ......................... | 78.4 | 105.1 | 63.9 | 69.8 | 64.5 | 66.6 | 39.7 |
| April .......................... | 87.1 | 118.9 | 69.1 | 70.5 | 68.3 | 70.9 | 41.6 |
| May ........................... | 85.9 | 114.4 | 69.6 | 71.1 | 68.4 | 70.6 | 40.8 |
| June .......................... | 85.6 | 116.7 | 67.8 | 69.4 | 66.0 | 68.2 | 37.9 |
| July ........................... | 87.8 | 118.9 | 71.4 | 73.2 | 68.9 | 71.0 | 37.5 |
| August ....................... | 87.4 | 115.5 | 73.8 | 76.4 | 71.3 | 75.7 | 41.5 |
| September .................. | 88.9 | 119.2 | 81.5 | 85.5 | 78.3 | 83.4 | 47.1 |
| October ...................... | 93.0 | 123.7 | 84.5 | 88.5 | 79.6 | 85.7 | 48.9 |
| November .................. | 85.0 | 116.1 | 75.1 | 81.3 | 74.8 | 78.7 | 49.4 |
| December .................. | 85.9 | 113.2 | 79.9 | 87.9 | 80.8 | 82.0 | 53.3 |
| Average .................... | 82.8 | 114.6 | 71.6 | 75.2 | 69.4 | 72.4 | 43.1 |
| 2003 January ...................... | R 94.7 | ${ }^{\text {R }} 122.4$ | R 89.8 | R 98.8 | R 90.0 | 89.2 | 60.5 |
| February .................... | 110.0 | ${ }^{\text {R }} 130.1$ | ${ }^{\text {R }} 103.1$ | ${ }^{\mathrm{R}} 118.4$ | ${ }^{\mathrm{R}} 108.6$ | ${ }^{\text {R }} 107.8$ | ${ }^{\mathrm{R}} 72.7$ |
| March ........................ | ${ }^{\mathrm{R} 112.9}$ | ${ }^{\mathrm{R}} 135.0$ | ${ }^{\mathrm{R}} 102.4$ | ${ }^{\text {R } 116.6}$ | ${ }^{\mathrm{R} 105.3}$ | ${ }^{\text {R } 102.5}$ | ${ }^{\mathrm{R}} 69.2$ |
| April .......................... | 99.7 | ${ }^{\mathrm{R}} 125.8$ | ${ }^{\mathrm{R}} 82.3$ | 86.1 | ${ }^{\mathrm{R}} 83.0$ | ${ }^{\mathrm{R}} 86.4$ | ${ }^{\text {R } 53.8}$ |
| May ........................... | R 93.6 | ${ }^{\mathrm{R}} 122.6$ | 75.1 | ${ }^{\mathrm{R}} 75.4$ | R 75.8 | ${ }^{\mathrm{R}} 79.2$ | 54.3 |
| June .......................... | 95.6 | NA | ${ }^{\mathrm{R}} 76.9$ | R 77.4 | ${ }^{\text {R } 76.9}$ | ${ }^{\mathrm{R}} 81.0$ | ${ }^{\text {R } 57.1}$ |
| July ........................... | R 98.2 | ${ }^{\mathrm{R}} 129.5$ | ${ }^{\mathrm{R}} 81.3$ | 82.8 | 78.9 | ${ }^{\mathrm{R}} 88.7$ | 55.9 |
| August ....................... | 110.2 | 139.7 | R 86.2 | 88.2 | R 83.6 | ${ }^{\mathrm{R}} 88.8$ | R 58.6 |
| September ..................... | 102.5 | 134.9 | ${ }^{R} 80.8$ | 82.7 | ${ }^{\text {R }} 77.3$ | 80.7 | ${ }^{\text {R }} 56.7$ |
| October ...................... | 98.2 | 131.3 | R 83.7 | R 91.6 | 84.2 | ${ }^{\text {R } 87.0}$ | 59.7 |
| November .................. | 94.3 | 124.4 | ${ }^{\mathrm{R}} 86.5$ | R 89.5 | 84.2 | 86.5 | 58.7 |
| December .................. | 93.9 | 124.4 | 90.7 | 97.0 | 88.6 | 89.2 | 64.8 |
| Average .................... | 100.2 | ${ }^{\mathrm{R}} 128.8$ | ${ }^{\mathrm{R}} 87.1$ | ${ }^{\text {R } 95.5}$ | ${ }^{\mathrm{R}} 88.1$ | 88.3 | 60.7 |
| 2004 January ...................... | 105.0 | 135.3 | 99.7 | 110.9 | 97.0 | 96.2 | 71.7 |
| February .................... | 112.7 | 143.6 | 100.0 | 114.6 | 93.0 | 96.8 | 70.1 |
| March ......................... | 119.9 | 148.9 | 101.4 | 104.3 | 93.6 | 101.0 | 61.9 |
| April .......................... | 125.4 | 155.7 | 103.3 | 104.3 | 95.5 | 107.6 | 60.4 |
| May ........................... | 143.5 | 172.8 | 115.1 | 119.4 | 102.9 | 112.4 | 65.6 |
| June .......................... | 133.5 | 174.0 | 108.5 | 108.0 | 101.9 | 107.2 | ${ }^{\text {R } 66.1}$ |
| July ............................ | 134.1 | 170.6 | 115.6 | 118.8 | 109.4 | 115.6 | 72.1 |

a See Note 5 at end of section.
$N A=$ Not available. R=Revised.
Notes: - Sales for resale are those made to purchasers other than ultimate consumers. Sales to end users are shown in Table 9.7; they are sales made directly to ultimate consumers, including bulk consumers (such as agriculture, industry, and electric utilities) and residential and commercial
consumers. - Values for the current month are preliminary. - Prices prior to 1983 are Energy Information Administration (EIA) estimates. See Note 6 at end of section. - Geographic coverage is the 50 States and the District of Columbia.

Web Page: http://www.eia.doe.gov/emeu/mer/prices.html.
Source: EIA, Petroleum Marketing Monthly, October 2004, Table 4.

Table 9.7 Refiner Prices of Petroleum Products to End Users
(Cents per Gallon, Excluding Taxes)

|  | Finished Motor Gasoline ${ }^{\mathrm{a}}$ | Finished Aviation Gasoline | KeroseneType Jet Fuel | Kerosene | No. 2 Fuel Oil | No. 2 <br> Diesel Fuel | Propane (Consumer Grade) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1978 Average | 48.4 | 51.6 | 38.7 | 42.1 | 40.0 | 37.7 | 33.5 |
| 1979 Average .................... | 71.3 | 68.9 | 54.7 | 58.5 | 51.6 | 58.5 | 35.7 |
| 1980 Average .................... | 103.5 | 108.4 | 86.8 | 90.2 | 78.8 | 81.8 | 48.2 |
| 1981 Average ................... | 114.7 | 130.3 | 102.4 | 112.3 | 91.4 | 99.5 | 56.5 |
| 1982 Average .................... | 106.0 | 131.2 | 96.3 | 108.9 | 90.5 | 94.2 | 59.2 |
| 1983 Average ................... | 95.4 | 125.5 | 87.8 | 96.1 | 91.6 | 82.6 | 70.9 |
| 1984 Average ................... | 90.7 | 123.4 | 84.2 | 103.6 | 91.6 | 82.3 | 73.7 |
| 1985 Average .................... | 91.2 | 120.1 | 79.6 | 103.0 | 84.9 | 78.9 | 71.7 |
| 1986 Average ................... | 62.4 | 101.1 | 52.9 | 79.0 | 56.0 | 47.8 | 74.5 |
| 1987 Average ................... | 66.9 | 90.7 | 54.3 | 77.0 | 58.1 | 55.1 | 70.1 |
| 1988 Average .................... | 67.3 | 89.1 | 51.3 | 73.8 | 54.4 | 50.0 | 71.4 |
| 1989 Average .................... | 75.6 | 99.5 | 59.2 | 70.9 | 58.7 | 58.5 | 61.5 |
| 1990 Average | 88.3 | 112.0 | 76.6 | 92.3 | 73.4 | 72.5 | 74.5 |
| 1991 Average | 79.7 | 104.7 | 65.2 | 83.8 | 66.5 | 64.8 | 73.0 |
| 1992 Average .................... | 78.7 | 102.7 | 61.0 | 78.8 | 62.7 | 61.9 | 64.3 |
| 1993 Average ................... | 75.9 | 99.0 | 58.0 | 75.4 | 60.2 | 60.2 | 67.3 |
| 1994 Average .................... | 73.8 | 95.7 | 53.4 | 66.0 | 57.2 | 55.4 | 53.0 |
| 1995 Average .................... | 76.5 | 100.5 | 54.0 | 58.9 | 56.2 | 56.0 | 49.2 |
| 1996 Average .................... | 84.7 | 111.6 | 65.1 | 74.0 | 67.3 | 68.1 | 60.5 |
| 1997 Average .................... | 83.9 | 112.8 | 61.3 | 74.5 | 63.6 | 64.2 | 55.2 |
| 1998 Average ....... | 67.3 | 97.5 | 45.2 | 50.1 | 48.2 | 49.4 | 40.5 |
| 1999 Average .................... | 78.1 | 105.9 | 54.3 | 60.5 | 55.8 | 58.4 | 45.8 |
| 2000 Average .................... | 110.6 | 130.6 | 89.9 | 112.3 | 92.7 | 93.5 | 60.3 |
| 2001 Average .................... | 103.2 | 132.3 | 77.5 | 104.5 | 82.9 | 84.2 | 50.6 |
| 2002 January ...................... | 70.6 | 111.8 | 58.2 | 98.0 | 63.6 | 60.5 | 38.1 |
| February .................... | 71.8 | 110.6 | 58.5 | 99.6 | 62.3 | 61.6 | 35.0 |
| March ........................ | 87.2 | 122.6 | 64.4 | 101.3 | 70.1 | 70.2 | 39.5 |
| April .......................... | 100.4 | 129.8 | 70.1 | 87.3 | 72.0 | 75.3 | 41.7 |
| May ........................... | 99.9 | 128.9 | 70.9 | 91.5 | 70.9 | 75.5 | 40.5 |
| June .......................... | 99.1 | 127.3 | 68.8 | 83.6 | 67.8 | 73.7 | 37.9 |
| July ........................... | 100.3 | 139.2 | 72.2 | 80.7 | 70.9 | 75.6 | 38.4 |
| August ....................... | 100.1 | 136.9 | 75.3 | 79.8 | 73.4 | 79.5 | 41.5 |
| September .................. | 100.1 | 139.1 | 82.8 | 99.1 | 81.8 | 86.7 | 46.9 |
| October ...................... | 104.0 | 143.0 | 84.7 | 111.1 | 81.8 | 89.1 | 47.1 |
| November .................. | 101.2 | 141.8 | 76.7 | 104.4 | 80.0 | 84.0 | 46.9 |
| December .................. | 98.1 | 139.8 | 81.1 | 115.2 | 87.5 | 85.9 | 49.9 |
| Average .................... | 94.7 | 128.8 | 72.1 | 99.0 | 73.7 | 76.2 | 41.9 |
| 2003 January .................. | 106.0 | 139.7 | R 91.4 | 121.0 | R 98.3 | R 93.2 | R 57.3 |
| February .................... | 122.1 | W | 101.8 | ${ }^{\mathrm{R}} 137.2$ | ${ }^{\mathrm{R}} 114.5$ | ${ }^{\text {R }} 110.3$ | ${ }^{\mathrm{R}} 69.5$ |
| March ........................ | ${ }^{\mathrm{R}} 130.1$ | W | ${ }^{\mathrm{R}} 104.3$ | ${ }^{\mathrm{R}} 138.6$ | ${ }^{\mathrm{R} 112.9}$ | ${ }^{\text {R } 111.3}$ | ${ }^{\mathrm{R}} 68.0$ |
| April .......................... | ${ }^{\text {R }} 120.0$ | W | ${ }^{\mathrm{R}} 82.1$ | ${ }^{\mathrm{R}} 127.7$ | ${ }^{\mathrm{R}} 91.2$ | R 94.2 | ${ }^{\text {R } 52.7}$ |
| May ........................... | 110.0 | 139.8 | ${ }^{\mathrm{R}} 75.9$ | NA | ${ }^{\mathrm{R}} 81.1$ | ${ }^{\mathrm{R}} 85.5$ | 53.9 |
| June .......................... | ${ }^{\text {R } 109.4}$ | ${ }^{\mathrm{R}} 145.7$ | ${ }^{\mathrm{R}} 76.6$ | 90.8 | ${ }^{\mathrm{R}} 81.6$ | R 86.4 | 56.0 |
| July .......................... | 110.6 | 151.9 | ${ }^{\mathrm{R}} 81.7$ | 89.8 | 82.8 | R 88.4 | 54.3 |
| August ...................... | 123.1 | 162.2 | ${ }^{\mathrm{R}} 87.2$ | 100.7 | 86.9 | 94.2 | 55.3 |
| September ................. | 126.5 | 158.9 | R 81.7 | NA | 81.4 | 88.9 | ${ }^{\mathrm{R}} 53.8$ |
| October ...................... | 115.0 | 150.8 | R 84.5 | 117.2 | 88.2 | R 91.9 | R 55.8 |
| November .................. | 109.5 | W | R 87.8 | 120.9 | 89.1 | ${ }^{\mathrm{R}} 91.7$ | R 55.9 |
| December .................. | 106.5 | 146.6 | R 92.9 | NA | 94.5 | 93.8 | 61.3 |
| Average ......................... | 115.6 | 149.3 | ${ }^{\text {R }} 87.2$ | 122.4 | ${ }^{\mathrm{R}} 93.3$ | ${ }^{\mathrm{R}} 94.4$ | ${ }^{\text {R } 57.7}$ |
| 2004 January ...................... | 117.3 | W | 99.8 | 132.5 | 102.5 | 99.9 | NA |
| February .................... | 125.6 | w | 101.3 | 93.9 | 99.4 | 103.3 | 87.7 |
| March ........................ | 133.8 | W | 102.7 | NA | 101.1 | 107.3 | NA |
| April .......................... | 139.6 | 177.4 | 106.6 | 139.8 | 101.9 | 114.6 | 67.4 |
| May ........................... | 157.1 | 194.9 | 117.0 | 111.7 | 107.2 | 120.0 | 74.8 |
| June .......................... | 154.7 | 193.2 | 110.3 | 105.2 | 104.9 | ${ }^{\text {R }} 113.9$ | ${ }^{\text {R }} 71.5$ |
| July ............................ | 148.6 | 187.0 | 116.9 | W | 113.0 | 120.1 | 77.6 |

a See Note 5 at end of section.
$\mathrm{R}=$ Revised. NA=Not available. $\mathrm{W}=$ Value withheld to avoid disclosure of individual company data.
Notes: - Sales to end users are those made directly to ultimate consumers, including bulk consumers (such as agriculture, industry, and electric utilities) and residential and commercial consumers. Sales for resale are shown in Table 9.6; they are sales made to purchasers other than
ultimate consumers. - Values for the current month are preliminary. - Prices prior to 1983 are Energy Information Administration (EIA) estimates. See Note 6 at end of section. - Geographic coverage is the 50 States and the District of Columbia

Web Page: http://www.eia.doe.gov/emeu/mer/prices.html.
Source: EIA, Petroleum Marketing Monthly, October 2004, Table 2.

Table 9.8a No. 2 Distillate Prices to Residences: Northeastern States
(Cents per Gallon, Excluding Taxes)

|  | Maine | New Hampshire | Vermont | Massachusetts | Rhode Island | Connecticut | New York | New Jersey | Pennsylvania |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1978 Average ......... | 48.6 | 50.3 | 50.8 | 48.8 | 50.7 | 50.1 | 50.1 | 49.6 | 48.8 |
| 1979 Average ......... | 68.8 | 72.5 | 72.5 | 70.9 | 72.8 | 72.0 | 71.2 | 71.0 | 69.8 |
| 1980 Average ......... | 96.3 | 100.4 | 101.5 | 97.8 | 101.1 | 98.3 | 98.2 | 97.9 | 96.4 |
| 1981 Average ......... | 120.4 | 123.7 | 125.4 | 121.3 | 123.8 | 121.7 | 123.2 | 121.5 | 118.1 |
| 1982 Average ......... | 115.5 | 117.4 | 120.1 | 117.6 | 120.1 | 118.3 | 120.5 | 117.4 | 113.7 |
| 1983 Average ......... | 102.8 | 104.1 | 112.9 | 109.1 | 110.5 | 109.1 | 112.1 | 107.9 | 105.8 |
| 1984 Average ......... | 103.9 | 108.4 | 111.9 | 111.6 | 111.4 | 112.1 | 115.5 | 111.0 | 107.9 |
| 1985 Average ......... | 99.7 | 102.4 | 107.7 | 107.0 | 106.7 | 108.0 | 111.3 | 105.9 | 102.3 |
| 1986 Average ......... | 74.4 | 75.9 | 86.6 | 82.1 | 82.8 | 89.0 | 91.1 | 90.2 | 81.4 |
| 1987 Average ......... | 74.7 | 76.5 | 81.1 | 80.6 | 82.5 | 83.4 | 85.2 | 84.3 | 76.9 |
| 1988 Average ......... | 77.7 | 78.2 | 82.6 | 82.1 | 83.6 | 85.3 | 86.3 | 84.8 | 77.8 |
| 1989 Average ......... | 89.4 | 89.3 | 90.5 | 92.6 | 93.9 | 92.9 | 95.8 | 91.8 | 85.1 |
| 1990 Average ......... | 98.9 | 102.8 | 107.0 | 108.4 | 108.6 | 109.8 | 112.5 | 108.7 | 102.6 |
| 1991 Average ......... | 96.0 | 91.6 | 101.9 | 103.0 | 99.9 | 106.2 | 111.3 | 104.0 | 99.7 |
| 1992 Average ......... | 87.1 | 85.6 | 92.1 | 92.5 | 91.2 | 94.7 | 102.8 | 93.9 | 89.0 |
| 1993 Average ......... | 82.6 | 82.8 | 90.4 | 89.7 | 89.3 | 91.9 | 100.1 | 92.4 | 86.3 |
| 1994 Average ......... | 81.8 | 79.2 | 87.6 | 87.0 | 88.5 | 89.0 | 96.6 | 89.5 | 85.7 |
| 1995 Average ......... | 78.7 | 77.9 | 85.3 | 84.4 | 87.4 | 86.4 | 95.5 | 88.8 | 82.6 |
| 1996 Average ......... | 97.2 | 94.0 | 96.9 | 97.6 | 98.6 | 98.6 | 106.3 | 102.4 | 95.3 |
| 1997 Average ......... | 94.2 | 94.2 | 98.7 | 96.0 | 98.9 | 96.3 | 106.5 | 103.3 | 95.0 |
| 1998 Average ......... | 78.8 | 78.8 | 87.3 | 81.8 | 86.8 | 83.1 | 94.8 | 89.2 | 81.4 |
| 1999 Average ......... | 81.3 | 77.0 | 85.4 | 83.6 | 85.8 | 85.2 | 96.9 | 91.3 | 81.5 |
| 2000 Average ......... | 129.7 | 128.1 | 125.5 | 127.3 | 125.9 | 129.1 | 144.2 | 140.4 | 122.4 |
| 2001 Average ......... | 121.7 | 125.6 | 126.1 | 122.1 | 123.6 | 123.9 | 136.3 | 131.4 | 115.9 |
| 2002 January ........... | 109.5 | 113.2 | 117.9 | 107.4 | 112.1 | 108.3 | 121.5 | 113.8 | 102.9 |
| February .......... | 108.6 | 114.1 | 117.6 | 106.9 | 110.9 | 106.6 | 119.9 | 113.4 | 100.2 |
| March .............. | 112.2 | 110.1 | 116.2 | 111.2 | 107.7 | 109.1 | 119.0 | 117.0 | 104.6 |
| April ................ | 111.4 | 109.7 | 117.7 | 114.0 | 112.0 | 109.6 | 120.0 | 121.0 | 106.6 |
| May ................. | 111.5 | 108.4 | 118.1 | 113.6 | 109.8 | 108.9 | 117.6 | 119.6 | 104.3 |
| June | 110.1 | 104.6 | 114.0 | 110.9 | 106.1 | 110.6 | 115.9 | 116.7 | 102.8 |
| July ................. | 109.5 | 101.4 | 111.5 | 111.3 | 105.6 | 106.4 | 114.2 | 113.4 | 95.2 |
| August ............ | 107.7 | 102.2 | 112.1 | 112.5 | 107.7 | 107.3 | NA | 114.7 | 96.1 |
| September ....... | 111.2 | 106.0 | 114.3 | 113.7 | 110.6 | 110.7 | 116.6 | 120.7 | 101.4 |
| October ........... | 116.7 | 111.4 | 117.6 | 116.2 | 110.5 | 112.0 | 120.1 | 123.6 | 106.6 |
| November ........ | 115.4 | 113.4 | 117.9 | 118.5 | 114.4 | 115.5 | 125.1 | 127.5 | 111.3 |
| December ........ | 119.4 | 118.1 | 120.5 | 125.0 | 120.8 | 121.5 | 130.1 | 135.4 | 117.5 |
| Average ......... | 112.9 | 111.9 | 117.2 | 114.1 | 112.4 | 111.8 | 121.8 | 122.0 | 106.4 |
| 2003 January | R 128.0 | R 127.2 | R 126.4 | ${ }^{\mathrm{R}} 135.0$ | 132.3 | 130.9 | R 139.2 | ${ }^{\text {R }} 145.8$ | R 127.4 |
| February .......... | 142.5 | 145.0 | 138.9 | R 152.4 | 151.8 | ${ }^{\mathrm{R}} 149.6$ | 156.1 | ${ }^{\text {R } 166.6}$ | 147.7 |
| March .............. | 147.0 | 148.4 | 144.0 | R 153.9 | 151.4 | R 152.2 | 160.0 | ${ }^{\mathrm{R}} 170.5$ | 153.7 |
| April ................ | 130.1 | 132.6 | 131.9 | R 136.0 | R 131.5 | R 133.5 | 141.6 | R 146.1 | R 132.8 |
| May ................ | 125.2 | 126.4 | R 125.8 | R 132.7 | R 123.9 | R 127.8 | R 137.8 | R 135.9 | 124.0 |
| June ................ | R 124.5 | 121.4 | R 122.3 | R 129.5 | 119.9 | R 124.6 | 130.0 | 133.9 | NA |
| July ................. | 121.3 | R 118.7 | 120.3 | R 127.1 | 117.3 | 120.6 | R 128.4 | 128.5 | 105.6 |
| August ............ | 120.6 | 119.1 | 121.0 | 127.4 | NA | 120.8 | R 124.9 | NA | ${ }^{\mathrm{R}} 108.8$ |
| September ....... | 121.5 | R 119.4 | 121.3 | R 125.9 | 120.6 | R 122.6 | R 128.9 | ${ }^{\mathrm{R}} 126.1$ | R 110.7 |
| October ............ | 122.8 | 120.4 | 126.0 | R 126.0 | 121.1 | R 124.4 | R 131.8 | R 133.3 | R 116.3 |
| November ........ | R 124.3 | R 121.8 | 126.9 | 129.8 | 127.3 | R 129.8 | 137.5 | R 136.5 | R 121.4 |
| December ........ | 129.4 | 126.1 | 129.0 | ${ }^{\mathrm{R}} 134.9$ | 133.1 | R 133.6 | R 142.4 | R 144.7 | R 128.4 |
| Average ......... | R 131.4 | ${ }^{\mathrm{R}} 131.2$ | 130.9 | R 138.6 | ${ }^{\mathrm{R}} 134.4$ | 135.5 | 143.6 | ${ }^{\text {R } 148.9}$ | 130.4 |
| 2004 January ........... | 135.4 | 136.4 | 135.6 | 143.1 | 143.4 | 140.8 | 148.9 | 152.1 | 138.0 |
| February .......... | 138.3 | 139.8 | 137.3 | 144.3 | 141.7 | 139.8 | 150.9 | 155.5 | 138.6 |
| March .............. | 137.0 | 135.2 | 137.9 | 142.9 | 137.0 | 138.7 | 147.2 | 153.9 | 136.9 |
| April ................ | 136.9 | 133.6 | 138.9 | 142.0 | 137.4 | 137.7 | 146.8 | 151.1 | 135.6 |
| May ................ | 138.6 | 133.7 | 138.8 | 145.1 | 141.1 | 139.7 | 148.4 | 152.3 | 136.1 |
| June ................ | R 141.6 | 135.8 | R 144.0 | R 144.6 | 137.8 | R 143.3 | R 148.5 | R 151.9 | R 134.8 |
| July ................. | 145.0 | 138.8 | 150.6 | 149.5 | 141.3 | 146.5 | 152.0 | 153.0 | 133.1 |

R=Revised. NA=Not available.
Notes: - States are grouped in Tables 9.8a, 9.8b, and 9.8c by geographic region of the country. - Values for the current month are preliminary. - Prices prior to 1983 are Energy Information Administration (EIA) estimates.

See Note 6 at end of section.
Web Page: http://www.eia.doe.gov/emeu/mer/prices.html.
Source: EIA, Petroleum Marketing Monthly, October 2004, Table 18.

Table 9.8b No. 2 Distillate Prices to Residences: Selected South Atlantic and Midwestern States
(Cents per Gallon, Excluding Taxes)

|  | Delaware | District of Columbia | Maryland | Virginia | West Virginia | Ohio | Michigan | Indiana | Illinois | Wisconsin | Minnesota |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1978 Average ......... | 47.8 | 50.7 | 49.2 | 49.1 | 46.2 | 47.4 | 47.9 | 48.5 | 46.5 | 44.7 | 47.8 |
| 1979 Average ......... | 68.2 | 74.2 | 70.1 | 70.4 | 65.1 | 68.6 | 70.9 | 72.7 | 68.8 | 67.3 | 72.4 |
| 1980 Average ......... | 95.4 | 102.6 | 97.9 | 98.5 | 92.2 | 91.9 | 97.8 | 99.6 | 95.8 | 91.5 | 99.9 |
| 1981 Average ......... | 117.3 | 127.4 | 121.4 | 120.5 | 115.0 | 113.2 | 118.3 | 118.5 | 114.9 | 109.1 | 118.4 |
| 1982 Average ......... | 111.3 | 124.5 | 117.1 | 117.7 | 109.3 | 110.2 | 113.9 | 114.3 | 110.9 | 107.8 | 115.1 |
| 1983 Average ......... | 106.0 | 117.0 | 110.3 | 108.7 | 101.0 | 101.3 | 106.4 | 100.7 | 100.4 | 101.2 | 103.1 |
| 1984 Average ......... | 109.6 | 118.7 | 113.5 | 110.5 | 102.1 | 102.1 | 105.0 | 103.1 | 100.1 | 101.0 | 104.1 |
| 1985 Average ......... | 104.6 | 114.3 | 108.8 | 106.3 | 98.0 | 99.7 | 102.1 | 99.1 | 97.5 | 98.3 | 101.9 |
| 1986 Average ......... | 85.0 | 93.1 | 91.4 | 86.6 | 74.6 | 77.7 | 81.0 | 74.8 | NA | 75.6 | 79.2 |
| 1987 Average ......... | 79.3 | 91.8 | 86.6 | 79.5 | 76.4 | 74.7 | 77.5 | 75.4 | 79.8 | 75.1 | 74.6 |
| 1988 Average ......... | 80.1 | 91.6 | 87.0 | 80.5 | 74.2 | 74.7 | 77.5 | 75.4 | 77.6 | 73.9 | 73.5 |
| 1989 Average | 88.2 | 98.6 | 93.8 | 87.0 | 83.0 | 81.6 | 85.3 | 83.2 | 80.9 | 81.1 | 82.4 |
| 1990 Average ......... | 105.8 | 107.8 | 111.9 | 110.6 | 99.1 | 98.1 | 100.9 | 99.3 | 96.1 | 94.2 | 101.4 |
| 1991 Average ......... | 99.7 | 112.2 | 108.4 | 101.1 | 93.4 | 91.0 | 94.2 | 91.8 | 92.7 | 89.5 | 91.1 |
| 1992 Average ......... | 92.3 | 105.7 | 100.0 | 92.8 | 86.4 | 83.6 | 87.2 | 81.2 | 87.7 | 81.6 | 82.6 |
| 1993 Average ......... | 89.9 | 104.5 | 98.1 | 89.3 | 85.6 | 84.0 | 87.2 | 81.0 | 84.4 | 82.3 | 83.2 |
| 1994 Average | 89.4 | 100.0 | 95.0 | 85.3 | 80.9 | 81.2 | 86.3 | 81.2 | 78.4 | 81.1 | 80.6 |
| 1995 Average ......... | 87.0 | 101.0 | 93.6 | 84.4 | 81.5 | 80.8 | 86.0 | 81.6 | 78.5 | 81.2 | 80.1 |
| 1996 Average ......... | 98.4 | 117.8 | 106.3 | 95.2 | 96.0 | 92.1 | 97.7 | 91.2 | 89.3 | 89.9 | 90.9 |
| 1997 Average ......... | 98.4 | 117.4 | 105.7 | 94.8 | 96.2 | 91.3 | 94.2 | 86.5 | 87.0 | 93.3 | 89.9 |
| 1998 Average ......... | 85.8 | 102.2 | 90.2 | 85.6 | 81.8 | 76.7 | 80.4 | 74.8 | 73.5 | 80.1 | 73.8 |
| 1999 Average ......... | 88.4 | 101.1 | 90.7 | 87.0 | 78.9 | 82.0 | 88.3 | 79.3 | 71.6 | 84.7 | 77.4 |
| 2000 Average ......... | 127.0 | W | 135.1 | 126.9 | 125.1 | 122.0 | NA | 120.7 | 109.5 | 117.1 | 115.6 |
| 2001 Average ......... | 123.4 | 143.1 | 134.2 | 120.2 | 113.9 | 116.0 | NA | 113.3 | 112.1 | 118.0 | 112.2 |
| 2002 January ........... | 114.2 | W | 115.8 | 101.7 | 96.7 | 94.2 | 102.2 | 91.7 | 87.0 | 97.0 | 91.2 |
| February .......... | 111.0 | W | 115.1 | 99.9 | 95.7 | 94.3 | 101.8 | 95.7 | 84.4 | 95.9 | 91.6 |
| March | 113.0 | W | 117.6 | 102.2 | 99.5 | 101.4 | 103.6 | 93.9 | 85.0 | 100.3 | 94.0 |
| April | 116.2 | 129.2 | 118.9 | 100.7 | 101.5 | 103.1 | 108.3 | 94.9 | 84.7 | 105.3 | 102.0 |
| May ................ | 106.1 | NA | 114.2 | 97.2 | 102.3 | 100.6 | 106.4 | W | 83.7 | 106.4 | 102.6 |
| June | 100.5 | 111.5 | 111.5 | 97.1 | 101.6 | 96.9 | 107.0 | W | NA | 101.7 | 101.7 |
| July ................. | 98.2 | W | 109.4 | 98.0 | 101.5 | 95.3 | 106.8 | W | 96.6 | 102.0 | 101.9 |
| August ............ | 99.5 | W | 110.9 | 100.2 | 102.4 | 100.5 | 107.4 | W | NA | 103.3 | 105.2 |
| September ....... | 111.2 | W | 116.4 | 103.1 | 107.1 | 107.1 | 113.1 | W | 101.2 | 112.3 | 111.1 |
| October ........... | 114.8 | 129.2 | 120.1 | 108.7 | 111.1 | 114.5 | 120.9 | W | 105.6 | 118.0 | 116.6 |
| November | 119.8 | W | 124.7 | 111.1 | 113.7 | 115.8 | 122.2 | 114.0 | 111.9 | 120.2 | 114.9 |
| December ........ | 129.1 | W | 131.3 | 120.2 | 121.1 | 119.5 | 124.7 | 121.0 | 111.0 | 121.5 | 117.0 |
| Average ......... | 116.4 | W | 120.1 | 105.7 | 105.4 | 105.8 | 110.9 | 102.5 | 97.5 | 107.3 | 105.1 |
| 2003 January ........... | 138.4 | W | 141.4 | R 130.9 | 131.7 | 129.4 | R 130.5 | 130.3 | ${ }^{\text {R }} 116.6$ | 127.1 | ${ }^{\mathrm{R}} 120.5$ |
| February .......... | R 161.4 | W | ${ }^{\mathrm{R}} 158.2$ | R 147.2 | 155.5 | 144.8 | 148.5 | 146.7 | ${ }^{\mathrm{R}} 130.5$ | ${ }^{\mathrm{R}} 138.5$ | ${ }^{\mathrm{R}} 135.3$ |
| March | R168.5 | W | ${ }^{\mathrm{R}} 165.5$ | R 143.4 | 155.9 | ${ }^{\mathrm{R}} 141.3$ | R 148.8 | 142.4 | R 131.8 | R 140.2 | R 133.7 |
| April | ${ }^{\text {R } 142.2}$ | NA | ${ }^{\text {R } 145.2}$ | R 127.7 | 130.9 | ${ }^{\mathrm{R}} 126.0$ | R 130.5 | W | R 112.5 | R 125.4 | $\mathrm{R}_{1} 119.6$ |
| May ................. | R 130.0 | NA | R 135.7 | ${ }^{\mathrm{R}} 119.3$ | 116.5 | R 115.4 | R 120.9 | W | 108.1 | R 117.9 | R 113.4 |
| June ................ | ${ }^{\text {R } 125.5}$ | 127.6 | R 128.4 | R 120.3 | R 113.2 | R 113.4 | ${ }^{\mathrm{R}} 114.0$ | W | R 106.1 | R 113.6 | $\mathrm{R}^{\mathrm{R}} 114.6$ |
| July ................. | R 119.7 | ${ }^{\mathrm{R}} \mathrm{W}$ | 124.4 | ${ }^{\mathrm{R}} 118.5$ | R 109.5 | 111.5 | R113.5 | W | NA | 112.1 | R 113.8 |
| August ............ | 117.2 | W | 125.6 | R 120.4 | 113.8 | R 113.9 | R119.6 | 106.0 | 114.9 | ${ }^{\mathrm{R}} 114.1$ | R 115.4 |
| September ....... | 121.7 | R 128.6 | R 126.9 | ${ }^{\mathrm{R}} 121.1$ | 112.3 | ${ }^{\mathrm{R}} 114.1$ | ${ }^{\mathrm{R}} 119.8$ | W | 114.0 | $\mathrm{R}^{\mathrm{R}} 117.5$ | R 113.3 |
| October ............ | 125.6 | W | R 133.8 | R 122.7 | 117.2 | R 120.5 | R 122.1 | W | 116.5 | R 121.9 | R119.6 |
| November ........ | 130.0 | W | R 136.5 | R 123.8 | 119.3 | R 122.3 | R 125.9 | R 112.8 | 117.7 | 122.7 | R118.3 |
| December ........ | 139.8 | W | R 143.0 | R 129.0 | 128.9 | 125.3 | R 126.5 | 123.0 | 119.9 | R 123.8 | R119.1 |
| Average ......... | ${ }^{R} 143.3$ | W | ${ }^{\text {R } 145.5}$ | R 131.1 | 130.4 | R 128.4 | $\mathrm{R}^{132.1}$ | 120.2 | ${ }^{\text {R } 119.8}$ | $\mathrm{R}^{126.9}$ | $\mathrm{R}^{121.8}$ |
| 2004 January ........... | 147.3 | NA | 152.2 | 135.6 | 137.6 | 132.4 | 133.2 | 130.1 | 125.4 | 132.6 | 125.4 |
| February ......... | 150.6 | W | 155.9 | 134.7 | 140.4 | 134.9 | 137.8 | 133.3 | 126.6 | 132.0 | 126.5 |
| March ............... | 148.6 | W | 153.6 | 134.2 | 137.2 | 137.6 | 140.4 | 134.0 | 132.6 | 132.3 | 127.9 |
| April ................ | 148.6 | W | 153.1 | 130.0 | 136.3 | 140.3 | 139.8 | W | 134.2 | 134.1 | 133.0 |
| May ................ | 146.7 | 160.4 | 150.1 | NA | 140.3 | 137.7 | 141.0 | W | 136.2 | NA | 134.9 |
| June ................ | R 140.2 | 154.7 | 145.9 | 125.8 | NA | R 134.9 | 138.1 | W | 134.5 | R 136.2 | R 135.1 |
| July ................. | 140.8 | NA | 150.5 | 133.7 | 136.8 | 141.3 | 143.2 | W | NA | 142.1 | 139.4 |

$R=$ Revised. $N A=$ Not available. $W=$ Value withheld to avoid disclosure of individual company data.

Notes: - States are grouped in Tables 9.8a, 9.8b, and 9.8c by geographic region of the country. - Values for the current month are preliminary.

- Prices prior to 1983 are Energy Information Administration (EIA) estimates. See Note 6 at end of section.

Web Page: http://www.eia.doe.gov/emeu/mer/prices.html.
Source: EIA, Petroleum Marketing Monthly, October 2004, Table 18.

Table 9.8c No. 2 Distillate Prices to Residences: Selected Western States and U.S. Average
(Cents per Gallon, Excluding Taxes)

|  | Idaho | Washington | Oregon | Alaska | U.S. Average |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1978 Average .................... | 43.6 | 48.6 | 45.8 | 53.2 | 49.0 |
| 1979 Average .................... | 62.1 | 69.7 | 68.0 | 68.2 | 70.4 |
| 1980 Average .................... | 91.6 | 100.8 | 97.3 | 97.8 | 97.4 |
| 1981 Average .................... | 110.4 | 116.5 | 111.4 | 118.0 | 119.4 |
| 1982 Average .................... | 110.4 | 117.6 | 111.6 | 117.4 | 116.0 |
| 1983 Average .................... | 101.8 | 109.0 | 103.6 | 108.8 | 107.8 |
| 1984 Average ........................ | 98.5 | 102.6 | 99.3 | 106.9 | 109.1 |
| 1985 Average ....................... | 97.2 | 101.1 | 97.1 | 108.3 | 105.3 |
| 1986 Average .................... | 73.8 | 77.5 | 70.4 | 94.9 | 83.6 |
| 1987 Average .................... | 68.8 | 79.5 | 72.5 | 86.5 | 80.3 |
| 1988 Average .................... | 68.8 | 78.5 | 70.9 | 86.9 | 81.3 |
| 1989 Average | 77.8 | 87.4 | 80.2 | 96.4 | 90.0 |
| 1990 Average | 97.4 | 102.9 | 97.0 | 110.1 | 106.3 |
| 1991 Average .................... | 95.1 | 101.6 | 93.3 | 105.0 | 101.9 |
| 1992 Average .................... | 85.7 | 94.0 | 87.6 | 94.1 | 93.4 |
| 1993 Average .................... | 86.2 | 99.9 | 91.8 | 96.1 | 91.1 |
| 1994 Average .................... | 78.9 | 95.0 | 88.7 | 86.5 | 88.4 |
| 1995 Average .................... | 83.9 | 96.2 | 89.4 | 83.4 | 86.7 |
| 1996 Average .................... | 93.3 | 108.0 | 98.9 | 90.9 | 98.9 |
| 1997 Average | 95.3 | 113.9 | 103.1 | 97.3 | 98.4 |
| 1998 Average .................... | 78.4 | 97.8 | 86.1 | 85.2 | 85.2 |
| 1999 Average .................... | 76.2 | 106.5 | 93.8 | 96.6 | 87.6 |
| 2000 Average .................... | 117.0 | 144.5 | 136.8 | 133.7 | 131.1 |
| 2001 Average .................... | 103.8 | 133.6 | 121.1 | 137.7 | 125.0 |
| 2002 January ...................... | 74.7 | 108.9 | 93.7 | 114.0 | 109.7 |
| February .................... | 74.5 | 108.2 | 94.4 | 114.5 | 108.4 |
| March ......................... | 82.2 | 117.0 | 104.3 | 110.4 | 110.0 |
| April .......................... | 92.6 | 124.1 | 108.0 | 111.8 | 111.6 |
| May ........................... | 90.0 | 124.9 | 107.5 | 104.6 | 109.3 |
| June .......................... | 89.0 | 122.4 | 103.9 | 106.0 | 105.7 |
| July ........................... | 88.0 | 117.7 | NA | 102.7 | 102.9 |
| August ....................... | 89.9 | 117.0 | 107.6 | 105.8 | 103.8 |
| September .................. | 96.6 | 124.2 | 115.5 | 110.0 | 109.9 |
| October ...................... | 103.4 | 128.5 | 118.5 | 110.5 | 114.8 |
| November .................. | 103.5 | 131.2 | 119.3 | 113.0 | 118.0 |
| December .................. | 103.0 | 131.2 | 118.0 | 113.9 | 123.8 |
| Average .................... | 91.9 | 120.4 | 106.0 | 108.7 | 112.9 |
| 2003 January | ${ }^{\mathrm{R}} 107.6$ | ${ }^{\mathrm{R}} 137.9$ | ${ }^{\text {R }} 124.4$ | ${ }^{\text {R }} 115.7$ | ${ }^{\mathrm{R}} 133.2$ |
| February | ${ }^{\text {R }} 120.5$ | ${ }^{\mathrm{R}} 155.4$ | 144.6 | 121.1 | ${ }^{\text {R }} 150.8$ |
| March ........................ | 133.9 | 179.5 | ${ }^{\mathrm{R}} 158.6$ | 137.4 | 153.9 |
| April .......................... | ${ }^{\mathrm{R}} 121.1$ | 154.8 | ${ }^{\mathrm{R}} 130.6$ | ${ }^{\mathrm{R}} 129.9$ | 134.6 |
| May ........................... | ${ }^{\mathrm{R}} 111.4$ | 143.0 | ${ }^{\mathrm{R}} 120.6$ | ${ }^{\mathrm{R}} 122.2$ | 126.7 |
| June .......................... | NA | 143.3 | ${ }^{\mathrm{R}} 125.3$ | ${ }^{\mathrm{R}} 122.6$ | ${ }^{\text {R }} 121.7$ |
| July | ${ }^{\mathrm{R}} 107.4$ | ${ }^{\mathrm{R}} 141.0$ | ${ }^{\mathrm{R}} 131.1$ | ${ }^{\text {R NA }}$ | 116.4 |
| August ...................... | ${ }^{\mathrm{R}} 114.3$ | ${ }^{\mathrm{R}} 145.4$ | ${ }^{\mathrm{R}} 130.3$ | 127.2 | ${ }^{\mathrm{R}} 117.6$ |
| September .................. | ${ }^{\mathrm{R}} 114.0$ | 137.0 | ${ }^{\mathrm{R}} 119.1$ | NA | R118.8 |
| October ...................... | NA | 135.1 | ${ }^{\mathrm{R} 116.8}$ | NA | ${ }^{\text {R } 123.6}$ |
| November .................. | ${ }^{\mathrm{R}} 122.4$ | 141.8 | 123.5 | ${ }^{\mathrm{R}} 126.6$ | 128.3 |
| December ................... | ${ }^{\text {R }} 120.7$ | ${ }^{\mathrm{R}} 146.2$ | 125.6 | R 127.3 | 134.1 |
| Average .................... | ${ }^{\mathrm{R}} 118.8$ | ${ }^{\mathrm{R}} 148.7$ | ${ }^{\mathrm{R}} 130.3$ | ${ }^{\text {R } 124.3}$ | ${ }^{\mathrm{R}} 135.5$ |
| 2004 January ...................... | 122.6 | 147.7 | 129.0 | 129.1 | 141.7 |
| February .................... | 124.1 | 157.7 | 140.3 | 130.8 | 143.2 |
| March ......................... | 134.2 | 166.4 | 144.6 | 136.8 | 141.3 |
| April .......................... | 144.3 | 178.7 | 159.3 | 143.5 | 141.1 |
| May ........................... | 162.5 | 191.5 | 177.0 | 155.3 | 142.0 |
| June .......................... | ${ }^{\text {R } 148.9}$ | ${ }^{\text {R }} 185.5$ | 163.5 | ${ }^{\text {R } 159.2}$ | R 140.8 |
| July ........................... | 142.8 | 182.2 | 171.8 | 165.4 | 143.0 |

R=Revised. NA=Not available.
Notes: - States are grouped in Tables 9.8a, 9.8b, and 9.8c by geographic region of the country. - Values for the current month are preliminary. - Prices prior to 1983 are Energy Information Administration (EIA) estimates.

See Note 6 at end of section.
Web Page: http://www.eia.doe.gov/emeu/mer/prices.html.
Source: EIA, Petroleum Marketing Monthly, October 2004, Table 18.

Figure 9.2 Average Retail Prices of Electricity
(Cents per Kilowatthour)

By Sector, 1973-2003


Note: Excludes taxes.
Web Page: http://www.eia.doe.gov/emeu/mer/prices.html.
Source: Table 9.9.

By Sector, Monthly


Figure 9.3 Cost of Fossil-Fuel Receipts at Electric Generating Plants (Dollars per Million Btu )

Costs, 1973-2003


Costs, Monthly


Note: Because vertical scales differ, graphs should not be compared.
Web Page: http://www.eia.doe.gov/emeu/mer/prices.html.
Source: Table 9.10.

Table 9.9 Average Retail Prices of Electricity
(Cents per Kilowatthour, Excluding Taxes)

|  | Residential | Commercial ${ }^{\text {a }}$ | Industrial ${ }^{\text {b }}$ | Transportation ${ }^{\text {c }}$ | Other ${ }^{\text {d }}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1973 Average | 2.5 | 2.4 | 1.3 | NA | 2.1 | 2.0 |
| 1974 Average ................. | 3.1 | 3.0 | 1.7 | NA | 2.8 | 2.5 |
| 1975 Average ................. | 3.5 | 3.5 | 2.1 | NA | 3.1 | 2.9 |
| 1976 Average ................. | 3.7 | 3.7 | 2.2 | NA | 3.3 | 3.1 |
| 1977 Average ................. | 4.1 | 4.1 | 2.5 | NA | 3.5 | 3.4 |
| 1978 Average ................ | 4.3 | 4.4 | 2.8 3.1 | NA | 3.6 | 3.7 |
| 1979 Average ................ | 4.6 5.4 | 4.7 5.5 | 3.1 3.7 | NA | 4.0 | 4.0 |
| 1981 Average ................ | 6.2 | 6.3 | 4.3 | NA | 5.3 | 5.5 |
| 1982 Average ................ | 6.9 | 6.9 | 5.0 | NA | 5.9 | 6.1 |
| 1983 Average ................. | 7.2 | 7.0 | 5.0 | NA | 6.4 | 6.3 |
| 1984 Average ................ | 7.15 | 7.13 | 4.83 | NA | 5.90 | ${ }_{6}^{6.25}$ |
| 1985 Average ................ | 7.39 7.42 | 7.27 7.20 | 4.97 | NA | 6.09 6.11 | 6.44 6.44 |
| 1987 Average ................... | 7.45 | 7.08 | 4.77 | NA | 6.21 | 6.37 |
| 1988 Average ................. | 7.48 | 7.04 | 4.70 | NA | 6.20 | 6.35 |
| 1989 Average ................ | 7.65 | 7.20 | 4.72 | NA | 6.25 | 6.45 |
| 1990 Average ................. | 7.83 | 7.34 | 4.74 | NA | 6.40 | 6.57 |
| 1991 Average ................ | 8.04 8.21 | 7.53 7.66 | 4.83 | NA | 6.51 6.74 | 6.75 6.82 |
| 1993 Average ................. | 8.32 | 7.74 | 4.85 | NA | 6.88 | 6.93 |
| 1994 Average ................. | 8.38 | 7.73 | 4.77 | NA | 6.84 | 6.91 |
| 1995 Average ................ | 8.40 | 7.69 | 4.66 | NA | ${ }_{6}^{6.88}$ | ${ }_{6}^{6.89}$ |
| 1997 Average ..................... | 8.43 | 7.59 | 4.53 | NA | 6.91 | 6.85 |
| 1998 Average ................ | 8.26 | 7.41 | 4.48 | NA | 6.63 | 6.74 |
| 1999 Average ................ | 8.16 | 7.26 | 4.43 | NA | 6.35 | 6.64 |
| 2000 Average ................ | 8.24 8.62 | 7.433 | 4.64 5.04 | NA | 6.56 7.03 | 6.81 7.32 |
| 2002 January .................. | 8.09 | 7.44 | 4.78 | NA | 6.58 | 6.98 |
| February ................ | 8.19 | 7.66 | 4.82 | NA | 6.76 | 7.01 |
| March ..................... | 8.17 | 7.69 | 4.83 | NA | 6.79 | 7.00 |
| April ....................... | 8.38 | 7.61 | 4.76 | NA | 6.86 | ${ }_{7}^{6.97}$ |
| May ....................... | 8.64 | 7.77 | 4.78 | NA | 6.79 | 7.11 |
| June ...................... | 8.81 | 8.05 8.26 | 4.99 5.18 | NA | 6.86 | 7.65 |
| August ................... | 8.76 | 8.20 | 5.11 | NA | 6.57 | 7.58 |
| September .............. | 8.66 | 8.05 | 4.95 | NA | 6.56 | 7.38 |
| October .................. | 8.51 8.34 | 8.04 | 4.89 4.73 | NA | 6.75 6.71 | 7.22 6.97 |
| December ............... | 8.10 | 7.61 | 4.73 | NA | 6.94 | 6.99 |
| Average ................ | 8.46 | 7.86 | 4.88 | NA | 6.73 | 7.21 |
| 2003 January .................. | 7.98 | 7.77 | 4.67 | NA | 6.68 | 7.02 |
| February ................ March ................ | 8.00 8.31 | 7.76 7.84 | 4.82 4.89 | NA | 7.90 | 7.02 |
| Aprii ............................. | 8.82 | 8.03 | 4.86 | NA | 7.20 | 7.27 |
| May ...................... | 9.00 | 8.15 | 4.92 | NA | 7.17 | 7.40 |
| June ....................... | 9.21 | 8.52 | 5.07 | NA | 7.15 | 7.71 |
| July ..................... | 9.15 | 8.60 | 5.28 | NA | 6.98 | 7.91 |
| August ................. | 9.19 8.90 | 8.53 8.21 | 5.27 5.02 | NA NA | 6.94 7.01 | 7.89 7.55 |
| October .................. | 8.90 | 8.17 | 4.96 | NA | 6.85 | 7.38 |
| November .............. | 8.74 | 7.93 | 4.77 | NA | 6.67 | 7.18 |
| December ............... | 8.34 8.71 | 7.80 | 4.78 | NA | 6.64 | 7.15 |
| Average ................. | 8.71 | 8.13 | 4.95 | NA | 6.95 | 7.40 |
| 2004 January ................... | 8.24 | ${ }^{\mathrm{R}} 7.71$ | R 4.87 | R 5.41 | - | ${ }^{\text {R } 7.188}$ |
| February ................. | -8.32 | 7.84 R 794 | R 4.91 R 41 | ${ }^{\mathrm{R}} 5.5 .56$ | - | 7.21 |
| March .................... | R 8.62 R 8.93 8.8 | R 7.94 7.91 | R 4.91 4.95 | R 5.62 <br> R 5.58 |  | 7.27 R 7.29 |
| May ............................ | 9.07 | 8.02 | R 5.02 | ${ }^{\text {R } 5.52}$ | - | R7.41 |
| June ..................... | R9.25 | 8.46 | ${ }^{\text {R } 5.28 ~}$ | ${ }^{\text {R } 5.93 ~}$ | - | R7.84 |
| July ................... | 9.34 8.82 | 8.58 8.09 | 5.46 5.06 | 6.27 5.70 | - | 8.05 7.48 |
| 2003 7-Month Average | 8.62 | 8.12 | 4.94 | NA | 7.07 | 7.37 |
| 20027 -Month Average ... | 8.44 | 7.80 | 4.88 | NA | 6.75 | 7.18 |

a Commercial sector. For 1973-2003, prices exclude public street and highway lighting, interdepartmental sales, and other sales to public authorities. b Industrial sector. For 1973-2003, prices exclude agriculture and irrigation.
c Transportation sector, including railroads and railways.
d Public street and highway lighting, interdepartmental sales, other sales to public authorities, agriculture and irrigation, and transportation including railroads and railways.
$\mathrm{R}=$ Revised. NA=Not available. $-=$ Not applicable.
Notes: - Beginning in 2004, the category "Other" has been replaced by "Transportation," and the categories "Commercial" and "Industrial" have been redefined. - Annual data prior to 1984 cover only selected utilities; beginning in 1984, annual data are derived from a census. Monthly data prior to January 1986 were derived from selected privately owned electric utilities and, therefore, are not national averages; beginning with January 1986, monthly data of national average price estimates are based on a statistically derived sample of both publicly and privately owned electric utilities. - Prices are
calculated by dividing revenue by sales. Revenue may not correspond to sales for a particular month because of energy service provider billing and accounting procedures. That lack of correspondence could result in accounting procedures. That lack of correspondence could result in
uncharacteristic increases or decreases in the monthly prices. See Note 7 at uncharacteristic increases or decreases in the monthly prices. See Note 7 at
end of section. - Geographic coverage is the 50 States and the District of Columbia.

Web Page: http://www.eia.doe.gov/emeu/mer/prices.html
Sources: - 1973-September 1977: Federal Power Commission, Form FPC-5, "Monthly Statement of Electric Operating Revenues and Income." - October 1977-February 1980: Federal Energy Regulatory Commission (FERC), Form FPC-5, "Monthly Statement of Electric Operating Revenues and Income." - March 1980-1982: FERC, Form FERC-5, "Electric Utility Company Monthly Statement." - 1983: Energy Information Administration (EIA), Form EIA-826, "Electric Utility Company Monthly Statement." - 1984-1989: EIA, Form EIA-861, "Annual Electric Utility Report." • 1990 forward: EIA, Electric Power Monthly, October 2004, Table 5.3.

Table 9.10 Cost of Fossil-Fuel Receipts at Electric Generating Plants
(Dollars per Million Btu)

|  | Coal | Petroleum |  |  |  | Natural Gas ${ }^{\text {d }}$ | All Fossil Fuels ${ }^{\text {e }}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Residual Fuel Oil ${ }^{\text {a }}$ | Distillate Fuel Oil ${ }^{\text {b }}$ | Petroleum Coke | Total ${ }^{\text {c }}$ |  |  |
| 1973 Average .................. | 0.41 | 0.79 | NA | NA | 0.80 | 0.34 | 0.48 |
| 1974 Average .................. | . 71 | 1.89 | NA | NA | 1.91 | . 48 | . 91 |
| 1975 Average .................. | . 81 | 2.01 | NA | NA | 2.02 | . 75 | 1.04 |
| 1976 Average .................. | . 85 | 1.95 | NA | NA | 1.99 | 1.03 | 1.12 |
| 1977 Average .................. | . 95 | 2.20 | NA | NA | 2.25 | 1.29 | 1.30 |
| 1978 Average .................. | 1.12 | 2.13 | NA | NA | 2.19 | 1.42 | 1.41 |
| 1979 Average .................. | 1.22 | 2.99 | NA | NA | 3.07 | 1.75 | 1.64 |
| 1980 Average .................. | 1.35 | 4.27 | NA | NA | 4.35 | 2.20 | 1.93 |
| 1981 Average .................. | 1.53 | 5.33 | NA | NA | 5.43 | 2.81 | 2.26 |
| 1982 Average .................. | 1.65 | 4.83 | NA | NA | 4.92 | 3.38 | 2.25 |
| 1983 Average .................. | 1.66 | 4.58 | NA | NA | 4.63 | 3.47 | 2.21 |
| 1984 Average .................. | 1.66 | 4.81 | NA | NA | 4.86 | 3.60 | 2.19 |
| 1985 Average .................. | 1.65 | 4.24 | NA | NA | 4.32 | 3.44 | 2.09 |
| 1986 Average .................. | 1.58 | 2.40 | NA | NA | 2.44 | 2.35 | 1.75 |
| 1987 Average ................. | 1.51 | 2.98 | NA | NA | 3.01 | 2.24 | 1.71 |
| 1988 Average .................. | 1.47 | 2.41 | NA | NA | 2.44 | 2.26 | 1.64 |
| 1989 Average .................. | 1.45 | 2.85 | NA | NA | 2.89 | 2.36 | 1.68 |
| 1990 Average ................. | 1.45 | 3.32 | 5.38 | . 80 | 3.35 | 2.32 | 1.69 |
| 1991 Average | 1.45 | 2.47 | 4.83 | . 81 | 2.53 | 2.15 | 1.60 |
| 1992 Average | 1.41 | 2.48 | 4.51 | . 75 | 2.51 | 2.33 | 1.59 |
| 1993 Average .................. | 1.39 | 2.36 | 4.22 | . 70 | 2.37 | 2.56 | 1.59 |
| 1994 Average .................. | 1.36 | 2.41 | 3.99 | . 69 | 2.42 | 2.23 | 1.52 |
| 1995 Average .................. | 1.32 | 2.59 | 3.99 | . 65 | 2.57 | 1.98 | 1.45 |
| 1996 Average .................. | 1.29 | 3.03 | 4.87 | . 78 | 3.03 | 2.64 | 1.52 |
| 1997 Average .................. | 1.27 | 2.79 | 4.49 | . 91 | 2.73 | 2.76 | 1.52 |
| 1998 Average .................. | 1.25 | 2.08 | 3.30 | . 71 | 2.02 | 2.38 | 1.44 |
| 1999 Average .................. | 1.22 | 2.44 | 4.03 | . 65 | 2.36 | 2.57 | 1.44 |
| 2000 Average .................. | 1.20 | 4.29 | 6.65 | . 58 | 4.18 | 4.30 | 1.74 |
| 2001 Average .................. | 1.23 | 3.73 | 6.30 | . 78 | 3.69 | 4.49 | 1.73 |
| 2002 January ${ }^{\text {f .................. }}$ | 1.26 | 2.79 | 4.51 | 0.90 | 2.55 | 3.00 | 1.51 |
| February .................. | 1.28 | 2.73 | 4.15 | . 94 | 2.42 | 2.74 | 1.49 |
| March .................. | 1.25 | 3.07 | 4.46 | . 82 | 2.68 | 3.20 | 1.51 |
| April ........................ | 1.25 | 3.50 | 5.15 | . 75 | 3.16 | 3.64 | 1.48 |
| May ......................... | 1.26 | 3.65 | 5.24 | . 75 | 3.30 | 3.65 | 1.52 |
| June ........................ | 1.26 | 3.68 | 4.87 | . 76 | 3.34 | 3.49 | 1.51 |
| July ........................ | 1.25 | 3.63 | 5.19 | . 71 | 3.29 | 3.41 | 1.51 |
| August ..................... | 1.26 | 3.93 | 5.30 | . 72 | 3.46 | 3.33 | 1.53 |
| September ............... | 1.26 | 3.89 | 6.05 | . 91 | 3.38 | 3.61 | 1.47 |
| October ..................... | 1.25 | 4.24 | 6.19 | . 70 | 3.74 | 4.04 | 1.53 |
| November | 1.25 | 4.22 | 5.78 | 1.02 | 3.96 | 4.23 | 1.57 |
| December ................ | 1.22 | 4.24 | 6.39 | . 56 | 3.88 | 4.53 | 1.55 |
| Average .................. | 1.25 | 3.73 | 5.34 | . 78 | 3.34 | 3.56 | 1.52 |
| 2003 January .................... | 1.25 | 4.79 | 6.39 | . 65 | 4.37 | 5.24 | 2.09 |
| February ................... | 1.28 | 4.91 | 7.77 | . 63 | 4.90 | 6.16 | 2.36 |
| March ...................... | 1.29 | 5.39 | 8.29 | . 72 | 5.39 | 7.06 | 2.54 |
| April ....................... | 1.31 | 4.66 | 6.55 | . 52 | 4.34 | 5.21 | 2.17 |
| May ........................ | 1.28 | 5.33 | 6.06 | . 65 | 4.74 | 5.51 | 2.27 |
| June ........................ | 1.28 | 4.44 | 5.96 | . 66 | 4.27 | 5.83 | 2.30 |
| July ......................... | 1.27 | 4.67 | 6.05 | . 79 | 4.28 | 5.34 | 2.42 |
| August | 1.27 | 4.68 | 6.43 | . 69 | 4.06 | 5.05 | 2.33 |
| September ................. | 1.26 | 4.40 | 6.08 | . 75 | 3.75 | 5.00 | 2.15 |
| October .................... | 1.26 | 4.32 | 6.49 | . 69 | 3.81 | 4.92 | 2.04 |
| November ................ | 1.25 | 4.37 | 6.32 | . 70 | 3.51 | 4.69 | 1.95 |
| December ................. | 1.25 | 4.38 | 6.61 | . 75 | 3.90 | 5.27 | 2.10 |
| Average .................. | 1.27 | 4.72 | 6.70 | . 69 | 4.31 | 5.42 | 2.22 |
| 2004 January .................... | 1.28 | 4.51 | 7.27 | . 74 | 4.34 | 6.16 | 2.32 |
| February ................... | 1.31 | 4.46 | 7.29 | . 75 | 4.32 | 5.63 | 2.36 |
| March ....................... | 1.32 | 4.24 | 6.67 | . 82 | 3.87 | 5.35 | 2.23 |
| April ........................ | 1.30 | 4.48 | 7.34 | . 75 | 3.96 | 5.60 | 2.32 |
| May ......................... | 1.32 | 4.95 | 7.74 | . 75 | 4.26 | 6.09 | 2.50 |
| June ....................... | 1.34 | 4.94 | 7.24 | . 80 | 4.37 | 6.37 | 2.64 |
| 6-Month Average ..... | 1.31 | 4.60 | 7.21 | . 77 | 4.20 | 5.89 | 2.40 |
| 2003 6-Month Average | 1.28 | 4.95 | 6.98 | . 64 | 4.72 | 5.83 | 2.28 |
| 2002 6-Month Average ..... | 1.26 | 3.34 | 4.78 | . 81 | 2.99 | 3.31 | 1.50 |

a For 1973-2001, electric utility data are for heavy oil (fuel oil nos. 5 and 6, and small amounts of fuel oil no. 4).
b For 1973-2001, electric utility data are for light oil (fuel oil nos. 1 and 2).
c Distillate fuel oil, residual fuel oil, petroleum coke, jet fuel, kerosene, other petroleum, and waste oil. For 1973-1982, data do not include refined motor oil, bunker oil, and liquefied petroleum gases. For 1973-1989, data do not include petroleum coke.
d Natural gas, plus a small amount of supplemental gaseous fuels that cannot be identified separately. For 1973-2001, data also include a small amount of blast furnace gas and other gases derived from fossil fuels.
e Weighted average of costs shown under "Coal," "Petroleum," and "Natural

Gaș."
Gas. Through 2001, data are for electric utilities only. Beginning in 2002, data also include independent power producers, and electric generating plants in the commercial and industrial sectors. See Note 8 at end of section for plant coverage.

NA=Not available.
Notes: - Receipts are purchases of fuel. - Yearly costs are averages of monthly values, weighted by quantities in Btu. - Geographic coverage is the 50 States and the District of Columbia.
Web Page: http://www.eia.doe.gov/emeu/mer/prices.html.
Web Page: http://www.eia.doe
Sources: See end of section.

Figure 9.4 Natural Gas Prices
(Dollars per Thousand Cubic Feet)
Selected Prices, 1973-2003


Consuming Sectors, 1973-2003


Consuming Sectors, Monthly

alncludes taxes.
Note: Because vertical scales differ, graphs should not be compared.

Web Page: http://www.eia.doe.gov/emeu/mer/prices.html. Source: Table 9.11.

Table 9.11 Natural Gas Prices
(Dollars per Thousand Cubic Feet)

|  | Wellhead Price | City Gate Price | Consuming Sectors ${ }^{\text {a }}$ |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Residential |  | Commercial ${ }^{\text {b }}$ |  | Industrial ${ }^{\text {C }}$ |  | Electric Power ${ }^{\text {d }}$ |  |
|  |  |  | Price ${ }^{\text {e }}$ | Percentage of Sector | Price ${ }^{\text {e }}$ | Percentage of Sector ${ }^{\text {f }}$ | Price ${ }^{\text {e }}$ | Percentage of Sector ${ }^{\text {f }}$ | Price | Percentage of Sector |
| 1973 Average | 0.22 | NA | 1.29 | NA | 0.94 | NA | 0.50 | NA | 0.38 | 92.1 |
| 1974 Average .................... | . 30 | NA | 1.43 | NA | 1.07 | NA | . 67 | NA | . 51 | 92.7 |
| 1975 Average .................... | . 44 | NA | 1.71 | NA | 1.35 | NA | . 96 | NA | . 77 | 96.1 |
| 1976 Average .................... | . 58 | NA | 1.98 | NA | 1.64 | NA | 1.24 | NA | 1.06 | 96.2 |
| 1977 Average .................... | . 79 | NA | 2.35 | NA | 2.04 | NA | 1.50 | NA | 1.32 | 97.1 |
| 1978 Average .................... | . 91 | NA | 2.56 | NA | 2.23 | NA | 1.70 | NA | 1.48 | 98.0 |
| 1979 Average | 1.18 | NA | 2.98 | NA | 2.73 | NA | 1.99 | NA | 1.81 | 96.1 |
| 1980 Average .................... | 1.59 | NA | 3.68 | NA | 3.39 | NA | 2.56 | NA | 2.27 | 96.9 |
| 1981 Average .................... | 1.98 | NA | 4.29 | NA | 4.00 | NA | 3.14 | NA | 2.89 | 97.6 |
| 1982 Average .................... | 2.46 | NA | 5.17 | NA | 4.82 | NA | 3.87 | 85.1 | 3.48 | 92.6 |
| 1983 Average ................... | 2.59 | NA | 6.06 | NA | 5.59 | NA | 4.18 | 80.7 | 3.58 | 93.9 |
| 1984 Average | 2.66 | 3.95 | 6.12 | NA | 5.55 | NA | 4.22 | 74.7 | 3.70 | 94.4 |
| 1985 Average .................... | 2.51 | 3.75 | 6.12 | NA | 5.50 | NA | 3.95 | 68.8 | 3.55 | 94.0 |
| 1986 Average .................... | 1.94 | 3.22 | 5.83 | NA | 5.08 | NA | 3.23 | 59.8 | 2.43 | 91.7 |
| 1987 Average ................... | 1.67 | 2.87 | 5.54 | NA | 4.77 | 93.1 | 2.94 | 47.4 | 2.32 | 91.6 |
| 1988 Average .................... | 1.69 | 2.92 | 5.47 | NA | 4.63 | 90.7 | 2.95 | 42.6 | 2.33 | 89.6 |
| 1989 Average .................... | 1.69 | 3.01 | 5.64 | 99.9 | 4.74 | 89.1 | 2.96 | 36.9 | 2.43 | 88.6 |
| 1990 Average .................... | 1.71 | 3.03 | 5.80 | 99.3 | 4.83 | 86.6 | 2.93 | 35.2 | 2.38 | 89.2 |
| 1991 Average .................... | 1.64 | 2.90 | 5.82 | 99.2 | 4.81 | 85.1 | 2.69 | 32.7 | 2.18 | 93.2 |
| 1992 Average ................... | 1.74 | 3.01 | 5.89 | 99.1 | 4.88 | 83.2 | 2.84 | 30.3 | 2.36 | 93.2 |
| 1993 Average .................... | 2.04 | 3.21 | 6.16 | 99.1 | 5.22 | 83.9 | 3.07 | 29.7 | 2.61 | 93.4 |
| 1994 Average | 1.85 | 3.07 | 6.41 | 99.1 | 5.44 | 79.3 | 3.05 | 25.5 | 2.28 | 93.5 |
| 1995 Average ................... | 1.55 | 2.78 | 6.06 | 99.1 | 5.05 | 76.7 | 2.71 | 24.5 | 2.02 | 92.0 |
| 1996 Average .................... | 2.17 | 3.34 | 6.34 | 99.1 | 5.40 | 77.6 | 3.42 | 19.4 | 2.69 | 92.2 |
| 1997 Average ................... | 2.32 | 3.66 | 6.94 | 98.8 | 5.80 | 70.8 | 3.59 | 18.1 | 2.78 | 91.0 |
| 1998 Average ................... | 1.96 | 3.07 | 6.82 | 97.7 | 5.48 | 67.0 | 3.14 | 16.1 | 2.40 | 82.5 |
| 1999 Average | 2.19 | 3.10 | 6.69 | 95.2 | 5.33 | 66.1 | 3.12 | 18.8 | 2.62 | 75.3 |
| 2000 Average .................... | 3.68 | 4.62 | 7.76 | 92.6 | 6.59 | 63.9 | 4.45 | 19.8 | 4.38 | 64.3 |
| 2001 Average .................... | 4.00 | 5.72 | 9.63 | 92.4 | 8.43 | 66.0 | 5.24 | 20.8 | 4.61 | 41.9 |
| 2002 January | 2.50 | 3.79 | 7.39 | NA | 6.53 | 80.8 | 4.05 | 20.1 | d3.10 | d80.8 |
| February .................... | 2.19 | 3.76 | 7.24 | NA | 6.41 | 81.2 | 3.70 | 20.4 | 2.86 | 87.4 |
| March ......................... | 2.40 | 3.84 | 7.11 | NA | 6.30 | 82.3 | 3.78 | 20.0 | 3.37 | 86.1 |
| April .......................... | 2.94 | 4.21 | 7.68 | NA | 6.57 | 77.8 | 3.64 | 26.1 | 3.80 | 84.4 |
| May .......................... | 2.94 | 4.07 | 8.55 | NA | 6.69 | 74.1 | 4.07 | 23.8 | 3.78 | 81.8 |
| June ........................... | 2.96 | 4.15 | 9.60 | NA | 6.82 | 74.4 | 3.86 | 25.4 | 3.61 | 78.7 |
| July . | 2.92 | 3.95 | 10.34 | NA | 6.63 | 72.7 | 3.80 | 23.8 | 3.49 | 74.5 |
| August ....................... | 2.76 | 3.67 | 10.47 | NA | 6.46 | 73.3 | 3.62 | 22.4 | 3.42 | 78.6 |
| September ................. | 2.97 | 3.99 | 10.26 | NA | 6.55 | 71.0 | 3.89 | 22.4 | 3.71 | 79.1 |
| October ...................... | 3.24 | 4.32 | 8.62 | NA | 6.65 | 74.7 | 4.18 | 21.6 | 4.19 | 81.0 |
| November .................. | 3.59 | 4.65 | 8.01 | NA | 6.91 | 79.5 | 4.72 | 21.7 | 4.35 | 84.9 |
| December .................. | 3.96 | 4.74 | 7.88 | NA | 7.18 | 80.7 | 4.92 | 23.0 | 4.72 | 88.2 |
| Average .................... | 2.95 | 4.12 | 7.91 | 91.4 | 6.64 | 78.4 | 4.02 | 22.5 | 3.68 | 81.1 |
| 2003 January ..................... | E 4.47 | 5.31 | 8.07 | NA | R 7.36 | R 79.0 | 5.54 | R 21.0 | 5.31 | 83.8 |
| February .................... | E 5.45 | 5.86 | 8.44 | NA | 7.83 | 79.6 | 6.27 | R21.8 | 6.47 | 83.5 |
| March ........................ | E 6.69 | 7.60 | 9.61 | NA | 8.96 | 80.2 | R 8.09 | R 21.2 | 7.19 | 86.1 |
| April ......................... | E 4.71 | 5.61 | 10.05 | NA | 8.76 | 76.9 | R 5.90 | R 21.1 | 5.38 | 89.8 |
| May .......................... | E 4.97 | 5.67 | 10.63 | NA | 8.73 | 73.7 | R 5.62 | ${ }^{R} 20.4$ | 5.71 | 88.5 |
| June .......................... | E 5.35 | ${ }^{\text {R } 6.37}$ | 11.91 | NA | 8.88 | 72.6 | R 6.39 | R 19.9 | 5.99 | 83.0 |
| July ................................... | E 4.91 | 5.82 | R 12.57 | NA | R 8.69 | R 71.4 | 5.63 | R 25.6 | 5.48 | 79.1 |
| August .......................... | E 4.72 | 5.50 | 12.74 | NA | 8.35 | 73.6 | 5.22 | R 23.6 | 5.22 | 78.1 |
| September ................. | E 4.58 | 5.58 | 12.18 | NA | 8.34 | 72.7 | 5.30 | R 23.0 | 5.14 | 85.7 |
| October ...................... | E 4.43 | 5.30 | 10.54 | NA | 8.17 | 73.1 | 4.80 | R 23.2 | 5.12 | 78.5 |
| November .................. | E 4.34 | 5.55 | 9.67 | NA | 8.24 | 77.3 | 5.15 | R 22.2 | 4.80 | 83.6 |
| December ...................... | E 5.08 | 5.90 | 9.40 | NA | 8.44 | R 79.9 | 5.78 | R 23.2 | 5.48 | 93.1 |
| Average ...................... | E 4.98 | 5.86 | 9.51 | E 92.1 | 8.26 | 77.4 | R 5.79 | R 22.2 | 5.57 | 83.6 |
| 2004 January ...................... | E 5.53 | R 6.39 | R 9.69 | NA | ${ }^{R} 8.91$ | R 80.7 | 6.64 | 22.1 | 6.38 | 92.4 |
| February .................... | E 5.15 | 6.34 | 9.85 | NA | R 8.98 | 80.7 | 6.39 | 23.0 | 5.75 | 89.7 |
| March ........................ | E 4.97 | ${ }^{\text {R }} 6.24$ | 9.97 | NA | R 8.88 | 78.3 | 5.86 | 22.2 | 5.47 | 93.4 |
| April ............................... | E 5.20 | 6.33 | R 10.52 | NA | R 8.92 | 76.3 | 5.93 | R 22.8 | 5.76 | 95.9 |
| May .......................... | E 5.63 | 6.56 | 11.60 | NA | 9.04 | 73.2 | 6.27 | 22.7 | 6.27 | 90.6 |
| June | E 5.85 | 6.92 | 13.05 | NA | 9.57 | 71.7 | 6.70 | 24.4 | 6.52 | 89.7 |
| July | E 5.60 | 6.69 | 13.40 | NA | 9.49 | 71.3 | 6.24 | 24.7 | NA | NA |
| 7-Month Average ....... | E 5.42 | 6.43 | 10.29 | NA | 9.01 | 77.9 | 6.30 | 23.1 | NA | NA |
| 2003 7-Month Average ...... | E 5.22 | 6.01 | 9.23 | NA | 8.23 | 77.8 | 6.19 | 21.6 | 5.86 | NA |
| 2002 7-Month Average ....... | 2.69 | 3.91 | 7.66 | NA | 6.51 | 79.1 | 3.84 | 22.7 | 3.46 | NA |

[^2]f The percentage of the sector's consumption in Table 4.4 for which price data are available.
$\mathrm{R}=$ Revised. $\mathrm{NA}=$ Not available. E=Estimate
Notes: - Prices are for natural gas, plus a small amount of supplemental gaseous fuels that cannot be identified separately. - Prices are intended to include all taxes. See Note 9 at end of section. - Wellhead annual and year-to-date prices are simple averages of the monthly prices; all other annual and year-to-date prices are volume-weighted averages of the monthly prices. - Geographic coverage is the 50 States and the District of Columbia.

Web Page: http://www.eia.doe.gov/emeu/mer/prices.html.
Sources: See end of section.

## Energy Prices

Note 1. The average domestic first purchase price represents the average price at which all domestic crude oil is purchased. Prior to February 1976, the price represented an estimate of the average of posted prices; beginning with February 1976, the price represents an average of actual first purchase prices. The data series was previously called "Actual Domestic Wellhead Price."

Note 2. F.O.B. literally means "Free on Board." It denotes a transaction whereby the seller makes the product available with an agreement on a given port at a given price; it is the responsibility of the buyer to arrange for the transportation and insurance.

Note 3. The landed cost of imported crude oil from selected countries does not represent the total cost of all imported crude. Prior to April 1975, imported crude costs to U.S. company-owned refineries in the Caribbean were not included in the landed cost, and costs of crude oil from countries that export only small amounts to the United States were also excluded. Beginning in April 1975, however, coverage was expanded to include U.S. companyowned refineries in the Caribbean. Landed costs do not include supplemental fees.

Note 4. Beginning with January 1981, refiner acquisition costs of crude oil are from data collected on Energy Information Administration (EIA) Form EIA-14, "Refiners' Monthly Cost Report." Those costs were previously published from data collected on Economic Regulatory Administration (ERA) Form ERA-49, "Domestic Crude Oil Entitlements Program Refiners Monthly Report." Form ERA-49 was discontinued with the decontrol of crude oil on January 28, 1981. Crude oil purchases and costs are defined for Form EIA-14 in accordance with conventions used for Form ERA-49. The respondents for the two forms are also essentially the same. However, due to possible different interpretations of the filing requirements and a different method for handling prior period adjustments, care must be taken when comparing the data collected on the two forms.

The refiner acquisition cost of crude oil is the average price paid by refiners for crude oil booked into their refineries in accordance with accounting procedures generally accepted and consistently and historically applied by the refiners concerned. Domestic crude oil is that oil produced in the United States or from the outer continental shelf as defined in 43 USC Section 1331. Imported crude oil is either that oil reported on Form ERA-51, "Transfer Pricing Report," or any crude oil that is not domestic oil. The composite cost is the weighted average of domestic and imported crude oil costs.

Crude oil costs and volumes reported on Form ERA-49 excluded unfinished oils but included the Strategic Petroleum Reserve (SPR). Crude oil costs and volumes reported on Federal Energy Administration (FEA) Form

FEA-P110-M-1, "Refiners’ Monthly Cost Allocation Report," included unfinished oils but excluded SPR. Imported averages derived from Form ERA-49 exclude oil purchased for SPR, whereas the composite averages derived from Form ERA-49 include SPR. None of the prices derived from Form EIA-14 include either unfinished oils or SPR.

Note 5. Several different series of motor gasoline prices are published in this section. U.S. city average retail prices of motor gasoline are calculated monthly by the Bureau of Labor Statistics during the development of the Consumer Price Index (CPI). These prices include all Federal, State, and local taxes paid at the time of sale. From 1974-1977, prices were collected in 56 urban areas. From 1978 forward, prices were collected from a new sample of service stations in 85 urban areas selected to represent all urban consumers-about 80 percent of the total U.S. population. The service stations are selected initially, and on a replacement basis, in such a way that they represent the purchasing habits of the CPI population. Service stations in the current sample include those providing all types of service (i.e., full-, mini-, and self-serve).

Refiner prices of finished motor gasoline for resale and to end users are determined by the EIA in a monthly survey of refiners and gas plant operators (Form EIA-782A). The prices do not include any Federal, State, or local taxes paid at the time of sale. Estimates of prices prior to January 1983 are based on Form FEA-P302-M-1/EIA-460, "Petroleum Industry Monthly Report for Product Prices," and also exclude all Federal, State, or local taxes paid at the time of sale. Sales for resale are those made to purchasers who are other-than-ultimate consumers. Sales to end users are sales made directly to the consumer of the product, including bulk consumers (such as agriculture, industry, and utilities) and residential and commercial consumers.

Note 6. Starting in January 1983, Form EIA-782, "Monthly Petroleum Product Sales Report," replaced 10 previous surveys. Every attempt was made to continue the most important price series. However, prices published through December 1982 and those published since January 1983 do not necessarily form continuous data series due to changes in survey forms, definitions, instructions, populations, samples, processing systems, and statistical procedures. To provide historical data, continuous series were generated for annual data 1978-1982 and for monthly data 1981 and 1982 by estimating the prices that would have been published had Form EIA-782 survey and system been in operation at that time. This form of estimation was performed after detailed adjustment was made for product and sales type matching and for discontinuity due to other factors. An important difference between the previous and present prices is the distinction between wholesale and resale and between retail and end user. The resale category continues to include sales among resellers. However, sales to bulk consumers, such as utility, industrial, and commercial accounts previously included in the wholesale category, are now counted as
made to end users. The end-user category continues to include retail sales through company-owned and operated outlets but also includes sales to the bulk consumers such as agriculture, industry, and electric utilities. Additional information may be found in "Estimated Historic Time Series for the EIA-782," a feature article reprinted from the December 1983 [3] Petroleum Marketing Monthly, published by EIA.

Note 7. Preliminary monthly data are based on submissions from over 250 publicly and privately owned electric utilities reporting on Form EIA-826, "Monthly Electric Utility Sales and Revenue Report With State Distributions." These utilities are statistically chosen as a cutoff sample from more than 3,000 electric utilities that report annually on Form EIA-861, "Annual Electric Utility Report." Preliminary annual values are the sum of the monthly revenues divided by the sum of the monthly sales. When final Form EIA-861 annual data become available each year, their ratios to the preliminary Form EIA-826 values are used to derive adjusted final monthly values. Prior to January 1986, only privately owned electric utilities were included in the monthly survey and the sample was chosen using stratification techniques through December 1992.

Note 8. Data for 1973-1982 cover all regulated electric generating plants at which the generator nameplate capacity of all steam-electric units combined totaled 25 megawatts or greater. From 1974-1982, peaking units were included in the data and counted towards the 25 -megawatt-or-greater total. Data for 1983-1990 cover all regulated electric generating plants at which the generator nameplate capacity of all steam-electric units combined totaled 50 megawatts or greater. Data for 1991-2001 cover all regulated electric generating plants at which the generator nameplate capacity of all steam-electric units and combined-cycle units together totaled 50 megawatts or greater. Data for 2002 forward cover the aforementioned regulated generating plants plus unregulated generating plants (independent power producers, as well as combined-heat-and-power generating plants and electricity-only plants in the commercial and industrial sector) whose total facility fossil-fueled nameplate generating capacity is 50 or more megawatts, regardless of unit type.

Note 9. Natural gas prices are intended to include all taxes. Instructions on the data collection forms specifically direct that all Federal, State, and local taxes, surcharges, and/or adjustments billed to consumers are to be included. However, sales and other taxes itemized on more than 3,000 consumers' bills are sometimes excluded by the reporting utilities. Delivered-to-consumers prices for 1987 forward represent natural gas delivered and sold to residential, commercial, industrial, and electric power consumers. They do not include the price of natural gas delivered to industrial and commercial consumers on behalf of third parties. Volumes of natural gas delivered on behalf of third parties are included in the consumption data shown in Table 4.4. Additional information is available in the EIA Natural Gas Monthly, Appendix C.

## Table 9.1 Sources

## Domestic First Purchase Price

1973-1976: U.S. Department of the Interior (DOI), Bureau of Mines (BOM), Minerals Yearbook, "Crude Petroleum and Petroleum Products" chapter.
1977: Federal Energy Administration (FEA), based on Form FEA-P124, "Domestic Crude Oil Purchaser’s Monthly Report."
1978 forward: Energy Information Administration (EIA), Petroleum Marketing Monthly, October 2004, Table 1.

## F.O.B. and Landed Cost of Imports

December 1973-September 1977: Federal Energy Administration, Form FEA-F701-M-0, "Transfer Pricing Report." October-December 1977: EIA, Form FEA-F701-M-0, "Transfer Pricing Report."
1978 forward: EIA, Petroleum Marketing Monthly, October 2004, Table 1.

## Refiner Acquisition Cost

1973: EIA estimates. The domestic price was derived by adding estimated transportation costs to the reported domestic first purchase price. The imported price was derived by adding an estimated ocean transport cost to the average "Free Alongside Ship" value published by the U.S. Bureau of the Census.
1974-1976: DOI, BOM, Minerals Yearbook, "Crude Petroleum and Petroleum Products" chapter.
1977: January-September, FEA, based on Form FEA-P110-M-1, "Refiners' Monthly Cost Allocation Report." October-December, EIA, based on Form FEA-P110-M-1, "Refiners’ Monthly Cost Allocation Report."
1978 forward: EIA, Petroleum Marketing Monthly, October 2004, Table 1.

## Table 9.2 Sources

October 1973-September 1977: Federal Energy Administration, Form FEA-F701-M-0, "Transfer Pricing Report." October 1977-December 1977: Energy Information Administration (EIA), Form FEA-F701-M-0, "Transfer Pricing Report."
1978 forward: EIA, Petroleum Marketing Monthly, October 2004, Table 24.

## Table 9.10 Sources

1973-September 1977: Federal Power Commission, Form FPC-423, "Monthly Report on Cost and Quality of Fuels for Electric Utility Plants."
October 1977-December 1977: Federal Energy Regulatory Commission, Form FERC-423, "Monthly Report on Cost and Quality of Fuels for Electric Utility Plants."
1978 and 1979: Energy Information Administration (EIA), Form FERC-423, "Monthly Report on Cost and Quality of Fuels for Electric Utility Plants."
1980-1989: EIA, Electric Power Monthly, May issues.

1990-2000: EIA, Electric Power Monthly, March 2003, Table 26.
2001 forward: EIA, Electric Power Monthly, October 2004, Table 4.1; Federal Energy Regulatory Commission, Form FERC-423, "Monthly Report on Cost and Quality of Fuels for Electric Utility Plants"; and EIA, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report."

## Table 9.11 Sources

## Wellhead Price:

1973-1998: Energy Information Administration (EIA), Natural Gas Annual 2000, Table 96.
1999 forward: EIA, Natural Gas Monthly, September 2004, Table 4.

## City Gate Price:

1984-1987: EIA, Natural Gas Monthly, March 1990, Table 4; 1988-1992: EIA, Natural Gas Monthly, March 1995, Table 4;
1993-1998: EIA, Natural Gas Monthly, December 1999, Table 4.
1999 forward: EIA, Natural Gas Monthly, September 2004, Table 4.

## Residential, Commercial, and Industrial Sector Prices:

1973-1998: EIA, Natural Gas Annual 2001, Table 96. 1999 forward: EIA, Natural Gas Monthly, September 2004, Table 4.

Percentage of Residential, Commercial, and Industrial Sectors, Annual
Calculated from EIA, Natural Gas Annual, Volume 1, report series, Table 1, "Summary Statistics for Natural Gas in the United States," as total amount of natural gas delivered to the sector's consumers minus the amount delivered for the account of others (to derive the amount on system) divided by the total amount delivered to the sector.

Percentage of Commercial, and Industrial Sectors, Monthly
EIA, table titled, "Percentage of Total Deliveries

Represented by Onsystem Sales, by State," in the Natural Gas Monthly issues as follows:

April 1988-March 1989 Table C-1
April 1989-December 1991
January 1992-February 1993
March 1993-October 1995
November 1995-December 1997
January 1998-Present

Table 33
Table 32
Table 28
Table 24
Table 25

## Electric Power Sector Price:

1973-1998: EIA, Natural Gas Annual 2000, Table 96. 1999-2002: EIA, Natural Gas Monthly, September 2004, Table 4.
2003: Federal Energy Regulatory Commission, Form FERC-423, "Monthly Report on Cost and Quality of Fuels for Electric Utility Plants," and EIA, Form EIA-423 "Monthly Cost and Quality of Fuels for Electric Plants Report."
2004: EIA, Natural Gas Monthly, September 2004, Table 4.

## Percentage of Electric Power Sector:

1973-2001: Calculated by EIA as the quantity of natural gas receipts reported on FERC Form-423, "Monthly Report on Cost and Quantity of Fuels for Electric Utility Plants" (and predecessor forms) divided by the quantity of natural gas consumed in the electric power sector, as shown on Monthly Energy Review Table 7.3b. Natural gas receipts, 1973 -1975: Federal Power Commission, "Annual Summary of Cost and Quality of Steam-Electric Plant Fuels," 1973 edition (page ii), 1974 edition (page ii), and 1975 edition (Table 3); 1976-1981: EIA, Electric Power Annual, November 1982, Table 68; 1982-1985: EIA, Electric Power Annual 1986, September 1987, Table 16; 1986-1995: EIA, Electric Power Monthly, December 1996, Table 26; 1996-2000: EIA, Electric Power Monthly, March 2002, Table 26; and 2001: EIA, Electric Power Monthly, June 2004, Table 4.1.
2002 forward: Calculated by EIA as the quantity of natural gas receipts reported on FERC Form-423, "Monthly Report on Cost and Quantity of Fuels for Electric Utility Plants" (and published in EIA, Electric Power Monthly, October 2004, Table 4.1), and Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report," divided by the quantity of natural gas consumed in the electric power sector, as shown on Monthly Energy Review Table 7.3b.


[^0]:    Web Page: http://www.eia.doe.gov/emeu/mer/prices.html.

[^1]:    a See Note 4 at end of section.
    b See Note 1 at end of section.
    c See Note 2 at end of section.
    d See Note 3 at end of section.
    e Based on October, November, and December data only
    R=Revised. E=Estimate.
    Notes: - Values for Domestic First Purchase Price and Refiner Acquisition Cost for the current month and for F.O.B. and Landed Costs of Imports for the

[^2]:    a See Note 9 at end of section.
    b Commercial sector, including commercial combined-heat-and-power (CHP) and commercial electricity-only plants. See note at end of Section 7.
    c Industrial sector, including industrial combined-heat-and-power (CHP) and industrial electricity-only plants. See note at end of Section 7.

    The electric power sector comprises electricity-only and combined-heat-andpower (CHP) plants within the NAICS 22 category whose primary business is to sel electricity, or electricity and heat, to the public. Through 2001, data are for electric utilities only; beginning in 2002, data also include independent power producers. See Note 8 at end of section for plant coverage.
    e Includes taxes.

