

# **Petroleum Marketing Monthly**

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# Preface

The *Petroleum Marketing Monthly* (PMM) provides information and statistical data on a variety of crude oils and refined petroleum products. The publication presents statistics on crude oil costs and refined petroleum products sales for use by industry, government, private sector analysts, educational institutions, and consumers. Data on crude oil include the domestic first purchase price, the f.o.b. and landed cost of imported crude oil, and the refiners' acquisition cost of crude oil. Refined petroleum product sales data include motor gasoline, distillates, residuals, aviation fuels, kerosene, and propane. The Petroleum Division, Office of Oil and Gas, Energy Information Administration ensures the accuracy, quality, and confidentiality of the published data in the *Petroleum Marketing Monthly*.

## Scope of Data

The data within the *Petroleum Marketing Monthly* are compiled from six Energy Information Administration (EIA) survey forms. The crude oil statistics are calculated from data collected on the following three survey forms: Form EIA-182, "Domestic Crude Oil First Purchase Report"; Form EIA-856, "Monthly Foreign Crude Oil Acquisition Report"; and Form EIA-14, "Refiners' Monthly Cost Report."

The statistics on petroleum product sales prices and volumes are derived from Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report" and Form EIA-782B, "Resellers'/Retailers' Monthly Petroleum Product Sales Report."

The data presented in Tables 48 to 50 are derived from aggregations of data from Form EIA-782C, "Monthly Report of Prime Supplier Sales of Petroleum Products Sold for Local Consumption."

## Sections

Monthly statistics on purchases of crude oil and sales of petroleum products are presented in the *Petroleum Marketing Monthly* in six sections:

- Initial Estimates
- Summary Statistics
- Crude Oil Prices
- Prices of Petroleum Products
- Volumes of Petroleum Products
- Prime Supplier Sales Volumes of Petroleum Products for Local Consumption.

The Initial Estimates section contains initial estimates for selected petroleum products. These initial estimates are forecasted based on their own past values as well as present and past values of other related time series. These initial estimates are being published earlier in an effort to respond to customer needs. They are replaced with the preliminary and final prices when they are available.

The publication highlights salient statistics for the United States in the Summary Statistics section. More detailed geographic coverage occurs in the other four sections. Geographic coverage for crude oil includes country of origin for foreign crude and Petroleum Administration for Defense (PAD) Districts and individual States for domestic crude oil. Geographic coverage of the petroleum products includes PAD Districts and individual States.

Detailed statistics for crude oil, including the price of imported crude oil by country of origin, by gravity, and by crude stream, can be found in the Crude Oil Prices section.

PAD District and/or State-level statistics for petroleum products are presented in the Prices, Volumes, and Prime Supplier Sales of Petroleum Products sections. To aid the reader in determining the market changes, the majority of the tables show data for the report month and previous month for the current year, and the report month for the previous year.

## Notes on the Tables

- For the crude oil statistics referencing Form EIA-182, United States includes the 50 States, the outer continental shelf, and the District of Columbia. For crude oil statistics referencing either Form EIA-14 or Form EIA-856, United States includes the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, and all American territories and possessions. For the petroleum products data, United States includes the 50 States and the District of Columbia.
- Prices exclude taxes. Refer to the Explanatory Notes for a tax table on motor fuels.

- Some of the tables use State abbreviations. Refer to the Explanatory Notes for a table of U.S. Postal State abbreviations.
- Sales of leaded gasoline are a component of averages and totals prior to October 1993.
- References to “Refiners” include gas plant operators (see the Glossary for definition of “Gas Plant Operators”). All tables whose titles do not specifically reference “Refiners” contain data from all sellers. “All Sellers” includes refiners, gas plant operators, resellers, and retailers.
- “Prime Supplier” refers to a firm that produces, imports, or transports any of the selected petroleum products across State boundaries and local marketing areas and sells the product to local distributors, local retailers, or end users.
- The category “Retail Outlet” refers to any company-operated outlet selling gasoline, on-highway low-sulfur diesel fuel, or propane for on-highway vehicle use (see Glossary).
- No. 2 distillate volumes and prices are classified in accordance with what the product was sold as, regardless of the actual specifications of that product (see definitions of No. 2 distillate in the Glossary).

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# A Comparison of Selected EIA-782 Data With Other Data Sources

by Jacob Bournazian

## Introduction

The EIA-782 survey series collects data on petroleum markets to fulfill legislative mandates from Congress and to provide comprehensive information for evaluating market behavior. It includes three surveys: Form EIA-782A, “Refiners’/Gas Plant Operators’ Monthly Petroleum Product Sales Report;” Form EIA-782B, “Resellers’/Retailers’ Monthly Petroleum Product Sales Report;” and Form EIA-782C, “Monthly Report of Prime Supplier Sales of Petroleum Products Sold for Local Consumption.” This article compares the data from the EIA-782 survey series with other sources to assess the quality of the EIA-782 data. Significant differences and trends among data series may indicate the need for changes in data collection and processing, the reporting population, survey or sample design, or may simply reflect conceptual differences across surveys.

The data sources used to compare with the EIA-782 series include:

- The Bureau of Labor Statistics (BLS) Office of Consumer Price Index (CPI) data for retail prices of motor gasoline, diesel fuel, and residential No. 2 fuel oil.
- Form EIA-888, “On-Highway Diesel Fuel Price Survey,” for retail prices of diesel fuel.
- Form EIA-878, “Motor Gasoline Price Survey,” for retail prices of gasoline.
- Form EIA-821, “Annual Fuel Oil and Kerosene Sales Report,” for volumes of distillate and residual fuel oil.
- EIA’s *Petroleum Supply Annual (PSA)* product supplied for volumes of distillate fuel oil, residual fuel oil, and motor gasoline.

- Federal Highway Administration (FHWA) for volumes of motor gasoline.

This article discusses the differences among the data sources and the reasons for variation among the data series. Some differences are irreconcilable and exist among the data sources because of different reporting populations, point in time measurements of market activity, survey design, methodology, and metadata issues relating to product and energy-use sector definitions. Other factors that contribute to differences between data sources include differences in geographic and/or market coverage, product definitions, and units of measure. A more detailed description of each data source is contained in the Notes section at the end of this article.

## Price Comparisons

Generally, Tables FE1 – FE3 show that EIA-782 national prices are lower than the BLS, EIA-878, and EIA-888 retail price data series. Differences in the survey methodology across the surveys explain some of the price differences.

- The BLS, EIA-878, and EIA-888 prices include all taxes whereas EIA-782 prices exclude all taxes. For this article, a U.S.-total-weighted Federal and State tax provided by the FHWA is deducted from BLS, EIA-878, and EIA-888 prices. No adjustment was made to the BLS, EIA-878, and EIA-888 prices to remove local sales taxes and other State and local taxes such as environmental discharge and clean up taxes, underground storage tank taxes, and transportation use taxes.

- BLS prices are collected from urban areas whereas EIA-782, EIA-878, and EIA-888 prices are collected from both rural and urban areas across a region or state.
- The EIA-782 uses current volumes while BLS, the EIA-878 and EIA-888 use fixed volumes to compute weighted average prices.
- The EIA-782 prices represent all sales during the month, while BLS prices represent a point in the month. The EIA-878 and the EIA-888 are weekly surveys and represent a point in time in the week. In this article, the annual EIA-878 and EIA-888 prices were calculated using simple arithmetic means.

**Table FE1. U.S. Residential No. 2 Distillate Prices, 1995-2001 (Cents per Gallon)**

Year	EIA-782	BLS	Percentage BLS/EIA-782
1995	86.7	89.3	1.03
1996	98.9	101.9	1.03
1997	98.4	101.4	1.03
1998	85.2	88.0	1.03
1999	87.6	90.0	1.03
2000	131.1	136.0	1.04
2001	125.0	131.0	1.05

## Residential No. 2 Fuel Oil

Table FE1 shows BLS prices are 3 to 5 percent higher than EIA-782 prices from 1995 through 2001. The difference between the two series has gradually grown each year since 1999. BLS prices are obtained from urban areas only and do not reflect complete geographic coverage for this product. EIA-782 prices are volume weighted price estimates.

## On-Highway Diesel Fuel

Table FE2 shows the annual estimates for EIA-782 and EIA-888 prices from 1995-2001 and for BLS prices from 1998-2001. BLS began publishing retail diesel fuel prices beginning in 1998. EIA-782 and EIA-888 prices track closely, however, the EIA-888 prices range from 9 to 23 percent below the BLS prices. No adjustment was made to the BLS and EIA-888 prices for additional State and/or local taxes relating to environmental regulations and transportation use, so both price series were expected to be higher than the EIA-782 prices.

**Table FE2. U.S. Retail On-Highway Diesel Fuel Prices, 1995-2001 (Cents per Gallon)**

Year	EIA-782	EIA-888	BLS	Percentage	
				EIA-888/EIA-782	BLS/EIA-782
1995	67.0	67.5	n/a	1.01	n/a
1996	78.8	80.0	n/a	1.02	n/a
1997	74.5	75.8	n/a	1.02	n/a
1998	59.3	60.2	73.2	1.02	1.23
1999	68.5	67.7	76.9	0.99	1.12
2000	103.6	104.6	113.3	1.01	1.09
2001	94.3	95.7	109.0	1.01	1.16

n/a = not available

BLS prices are obtained from urban areas and do not reflect complete geographic coverage for this product. Diesel prices are one of five types of fuel prices that are collected for the motor fuels item strata in calculating the Consumer Price Index. Outlets are selected based upon responses to the BLS Telephone Point of Purchaser Survey (TPOPS) on where the consumer purchased any motor fuels during the survey period. The companies reporting on the EIA-888 survey were selected from the EIA-782 surveys.

## Motor Gasoline

Table FE3 shows the annual estimates for EIA-782, EIA-878, and BLS prices from 1990-2001. The price differences were similar across each grade of gasoline so this paper only discusses the prices for regular grade gasoline. For the past 11 years, BLS prices vary between 5 and 9 percent above the EIA-782 prices. EIA-878 prices are between 1 and 5 percent higher than EIA-782 prices during the same time period. Since both BLS and EIA-878 prices contain additional taxes relating to sales taxes, highway use taxes, and other local taxes that could not be removed for this analysis, the EIA-782 prices should be lower than the other series.

Since BLS does not calculate an annual price, a simple average of monthly prices was calculated to obtain the annual average price. The BLS monthly prices are calculated based on approximately 900 price quotes. Approximately 25 to 35 prices are collected from each published geographic area. EIA-782 prices represent sales transactions in all 50 States. There are other limitations in comparing a simple average data series with a volume weighted average price series because of the

**Table FE3. U.S. Retail Motor Gasoline Prices, Regular Grade, 1990-2001 (Cents per Gallon)**

Year	Percentage				
	EIA-782	EIA-878	BLS	EIA-878/ EIA-782	BLS/ EIA-782
1990	87.2	n/a	86.9	n/a	1.00
1991	78.1	78.1	82.3	1.00	1.05
1992	75.2	76.2	80.2	1.01	1.07
1993	71.7	73.9	78.0	1.03	1.09
1994	69.4	70.1	73.9	1.01	1.06
1995	72.5	73.7	77.3	1.02	1.07
1996	81.2	85.0	85.7	1.05	1.06
1997	80.0	82.0	85.5	1.03	1.07
1998	62.5	64.4	67.4	1.03	1.08
1999	73.0	75.2	78.2	1.03	1.07
2000	106.6	109.6	112.2	1.03	1.05
2001	99.6	103.2	107.3	1.04	1.08

n/a = not available

effect of volume changes throughout the year on the annual price estimate.

The EIA-878 also uses fixed volume weights for calculating prices based on approximately 900 price quotes each week. A simple average of weekly prices was calculated to obtain the annual average price. At the national level, EIA-878 regional prices are weighted based on fixed weights for each region. The EIA-878 sample used from 1998 through 2001 is based on EIA-782 sales volumes from October 1996 through October 1997. The EIA-782 prices utilize all sales transactions throughout the reference month whereas the EIA-878 are point in time estimates.

## Volume Comparisons

EIA-782C volumes were compared with volumes reported in the EIA-821, the PSA, and the FHWA. Product supplied in the PSA is an estimate of the demand for petroleum products because it measures the production and adjustments from primary sources of supply for a given time period. It is calculated by adding and subtracting volumes as they are moved into and out of the primary distribution stream. Sales volume data from the EIA-782C and EIA-821 reflect the transfer of product title from a seller to a buyer into those States

where the products are locally marketed and consumed. FHWA doesn't collect actual sales data on gasoline and diesel fuel. States report their fuel volumes to FHWA based on the beginning inventory at the terminal facility minus exports plus shipments to the terminal during the reporting cycle. This difference in survey concepts and methodology underlies some of the differences that exist between the data series.

## Distillate Fuel Oil

Table FE4 shows volumes of distillate fuel oil from the EIA-782C, EIA-821, and PSA series from 1990 through 2001. From 1990 through 1992, the EIA-782C volumes are higher than the EIA-821 and PSA volumes. The difference between the EIA-782C series and the PSA series narrows after 1993. An important reason for this change is the addition in 1993 of several importers and traders to the exclusionary list used by respondents when reporting sales on the EIA-782C. For a description of the changes made in 1993 see Changes to Form EIA-782C, "Monthly Report of Petroleum Products Sold into States for Consumption," by Kenneth I. Platto, *Petroleum Marketing Monthly*, May 1993. Respondents to the EIA-782C should exclude sales to any company on the exclusionary list that is not a local distributor, local retailer, or end user. These changes improve the EIA-782C's market coverage and eliminate double counting of volumes sold.

**Table FE4. U.S. Distillate Fuel Oil Volumes, 1990-2001 (Million Gallons)**

Year	Percentage				
	EIA-782C	EIA-821	PSA	EIA-821/ EIA-782C	PSA/ EIA-782C
1990	50513	47827	46305	0.95	0.92
1991	48892	45211	44775	0.92	0.92
1992	49971	47262	45791	0.95	0.92
1993	48029	48290	46622	1.01	0.97
1994	49188	50424	48477	1.03	0.99
1995	49332	51469	49158	1.04	1.00
1996	51895	53379	51731	1.03	1.00
1997	51903	54366	52665	1.05	1.01
1998	52371	55306	53064	1.06	1.01
1999	54614	57573	54759	1.05	1.00
2000	55822	59601	57217	1.07	1.02
2001	57344	60451	58971	1.05	1.03

Since 1997, EIA-782C volumes have been below both EIA-821 volumes and PSA volumes. This suggests that the EIA-782C may still not have complete coverage on distillate sales. Table FE4 also shows that the difference between the EIA-782C and EIA-821 volumes is greater than the difference between the EIA-782C and the PSA volumes.

One possible source for the widening gap between EIA-821 and EIA-782C volumes is the sales coverage for on-highway use. The EIA-821 on-highway energy use sector shows an increase of approximately 16 percent since 1997 and is the largest component contributing to the increase in distillate volumes for that survey during the past 5 years. The EIA-821 volumes for on-highway use are obtained from the Federal Highway Administration and used in place of data reported for this category. However, some EIA-821 respondents may report sales to commercial and institutional fleet vehicles in the commercial use category. If the commercial category contains some misreported transportation volumes, and exogenous data is used to replace the data for on-highway use, then some double counting of distillate volumes for transportation use on the EIA-821 may occur. If sales to fleet vehicles, which are reported in the commercial category, are increasing at approximately the same rate as other distillate sales for other on-highway use, then the amount of double counting of distillate sales in the EIA-821 survey may also be increasing over the past five years, and may contribute to any differences between the EIA-782C and EIA-821 data series.

## Motor Gasoline

Table FE5 shows volumes of motor gasoline from the EIA-782C, FHWA and PSA series from 1990 through 2001.

### *EIA-782C and PSA*

Table FE5 shows that during 1990-1992 PSA motor gasoline volumes are between 8 – 10 percent lower than the EIA-782C volumes. One reason PSA volumes are significantly lower than EIA-782C volumes prior to 1993 is that double counting occurred on the EIA-782C because some respondents were not excluding sales to companies that should have listed on the exclusionary list. A second reason EIA-782C volumes are greater than PSA volumes prior to 1993 was that PSA did not have complete coverage of downstream blending of finished motor gasoline. Blending of fuel ethanol, methanol, methyl tertiary butyl ether (MTBE), and

**Table FE5. U.S. Motor Gasoline Volumes, 1990-2001 (Million Gallons)**

Year	EIA-782C	PSA	FHWA	Percentage	
				PSA/EIA-782C	FHWA/EIA-782C
1990	122574	110913	115275	0.90	0.94
1991	120524	110192	113196	0.91	0.94
1992	120737	111418	114854	0.92	0.95
1993	117886	114607	116614	0.97	0.99
1994	120151	116523	118531	0.97	0.99
1995	122582	119405	120876	0.97	0.99
1996	124243	120969	123327	0.97	0.99
1997	125632	122901	125045	0.98	1.00
1998	128696	126518	128504	0.98	1.00
1999	131066	129247	132261	0.99	1.01
2000	129527	129876	132280	1.00	1.02
2001	132029	131992	n/a	1.00	n/a

n/a = not available

other blend stock with gasoline often occurs downstream from the refineries. Prior to 1993, this is included in the EIA-782C volumes but not in the PSA volumes. Since 1993, the published PSA motor gasoline volumes include downstream blending at bulk terminals. As a result, the difference between the EIA-782C and the PSA volumes narrows after 1993.

### *EIA-782C and FHWA*

Table FE5 also shows that EIA-782C volumes generally track the FHWA motor gasoline volumes beginning in 1993. Prior to 1993, FHWA volumes were reported by wholesale distributors to State motor fuel tax agencies that compile data on gasoline taxes and these data were reported by the State agencies to FHWA. In 1993, the point of Federal tax collection was moved upstream from the last wholesale sale to the terminal operators. This change in the reporting volumes results in more accurate reporting of the FHWA volumes.

## Residual Fuel Oil

Table FE6 shows volumes of residual fuel oil from the EIA-782C, EIA-821, and PSA from 1990 through 2001.

## EIA-782C vs. PSA and EIA-821

Table FE6 shows that the difference between the EIA-782C and the other two series widen after 1993 and reach its highest level in 2000 with PSA volumes exceeding the EIA-782C volumes by 43 percent and the EIA-821 exceeding the EIA-782C volumes by 35 percent. The large and continuous divergence between the EIA-782C and the other two series suggests that the EIA-782C may be missing some coverage of residual fuel oil sales. In addition, there may have been some misreporting by respondents in the PSA surveys during this time period.

**Table FE6. U.S. Residual Fuel Oil Volumes, 1990-2001 (Million Gallons)**

Year	EIA-782C	EIA-821	PSA	Percentage	
				EIA-821/ EIA-782C	PSA/ EIA-782C
1990	18677	19233	18838	1.03	1.01
1991	17856	17632	17750	0.99	0.99
1992	16317	16199	16822	0.99	1.03
1993	13555	15064	16559	1.11	1.22
1994	12753	14825	15649	1.16	1.23
1995	9623	12318	13058	1.28	1.36
1996	10639	13257	13041	1.25	1.23
1997	10583	12504	12213	1.18	1.15
1998	11513	14730	13600	1.28	1.18
1999	10259	13328	12726	1.30	1.24
2000	9760	13211	13966	1.35	1.43
2001	10285	13546	12435	1.32	1.21

During 1999 through 2001, some importers misreported their imports of residual fuel oil on the EIA-814, "Monthly Imports Report." Their imports of unfinished oils were combined with residual fuels and both products were reported as residual fuel oil. This may be due to the misconception by respondents that imports reported to EIA should match the same import volumes reported to the U.S. Customs office. When a shipment reaches the United States, the importer of record will complete Customs Form 7501, "Entry Summary" (CF-7501). CF-7501 is used to validate data reported on Form EIA-814. CF-7501 does not have a category for unfinished oils so imports of unfinished oils are mistakenly reported as residual fuel oil. It is unclear how long the reporting of unfinished oils as residual fuel oil has been occurring during the past 10 years. The reported imports of unfinished oil as residual fuel oil by some PSA respondents contributes to the higher

PSA volumes for residual fuel oil. This is notable in the past 2 years as imports of residual fuel oil reached their highest levels and account for 39 percent of product supplied for residual fuel oil in 2000 and 47 percent in 2001. A data correction for 2001 PSA residual fuel oil volumes moved some volumes from imports of residual fuel oil to imports of unfinished oils. This resulted in reducing the gap between the EIA-782C and PSA residual fuel volumes. No other data corrections were made to the 1999 and 2000 PSA volumes.

Another reason EIA-782C volumes are below the other series is that some firms may be missing from the reporting population of the EIA-782C survey. Missing firms from the EIA-782C will undercount sales and contribute to the difference between the series as the percentage of imports that comprise product supplied of residual fuel oil increases. The EIA-782C has been below both other data series for the past nine years and the gradual widening of this disparity, even after the revision of the 2001 PSA volumes, indicates that the EIA-782C is missing some coverage of residual fuel oil.

## Summary

One method of evaluating the quality of petroleum market prices and volumes is to compare EIA-782 series data with other sources. Differences among data sources could lead to a review and possible update of the reporting populations for the EIA-782 surveys and research on alternatives for adjusting data. Other differences across data sources indicate differences in survey methodology and conceptual differences with data collection.

## Notes

### Data Sources

The Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report," collects monthly price and volume data at the State level for 14 petroleum products for various retail and wholesale marketing categories. It is a census of refiners and gas plant operators. The frame is updated on an ongoing basis using respondent lists from surveys such as the Form EIA-810, "Monthly Refinery Report;" the Form EIA-816, "Monthly Natural Gas Liquids Report;" and

industry trade publications. Currently, 110 companies respond to the EIA-782A survey.

The Form EIA-782B, "Resellers'/Retailers' Monthly Petroleum Product Sales Report," is sent to a sample of resellers and retailers of motor gasoline, distillate, propane, and residual fuel oil. Respondents to Form EIA-863, "Petroleum Product Sales Identification Survey," are used as the sampling frame of resellers and retailers for the EIA-782B. Firms having 5 percent or more of sales in a State are selected with certainty. The remaining companies on the frame are sampled by geographic area, product, type of sale, and by probability proportional to size. The EIA-782B sample includes approximately 2,000 companies.

The Form EIA-782C, "Monthly Report of Prime Supplier Sales of Petroleum Products Sold for Local Consumption," collects volumes of prime supplier sales of selected petroleum products into States where they are locally sold and consumed. A prime supplier is a firm that produces, imports, or transports any of the selected petroleum products across State boundaries and local marketing areas and sells the product to local distributors, local retailers, or end users. This survey provides a measure of consumption in most States. Currently, 183 firms respond to the EIA-782C survey.

Data collected on the Forms EIA-782A, EIA-782B, and EIA-782C are published in the *Petroleum Marketing Monthly* (PMM) and the *Petroleum Marketing Annual* (PMA).

In addition, production, import, and export data collected by EIA's Petroleum Division are published in the *Petroleum Supply Monthly* (PSM) and the *Petroleum Supply Annual* (PSA). The Petroleum Division uses the Petroleum Supply Reporting System (PSRS) for data collection. The PSRS is composed of a family of data collection survey forms, data processing systems, and publications systems. Detailed data on refinery and natural gas plant operations, bulk terminal and pipeline stocks, petroleum products imports, and movements of petroleum products among Petroleum Administration for Defense (PAD) districts are collected monthly. Figures for product supply originate from Forms EIA-810, "Monthly Refinery Report;" EIA-811, "Monthly Bulk Terminal Report;" EIA-812, "Monthly Product Pipeline Report;" EIA-813, "Monthly Crude Oil Report;" EIA-814, "Monthly Imports Report;" EIA-816, "Monthly Natural Gas Liquids Report;" and EIA-817, "Monthly Tanker and Barge Movement Report." Aggregate export data obtained from the Bureau of the Census are also included in

computations for the PSM and PSA. The PMA and the PSA may contain revisions of the data published in the PMM and the PSM, respectively, due to late submissions or revisions to the monthly data.

The Form EIA-821, "Annual Fuel Oil and Kerosene Sales Report," collects data on the sales to end users of distillate fuel oil, residual fuel oil, and kerosene. The data are used to determine the level of sales by energy-use category and product at the State, regional, and national levels. The sample size is approximately 4,000. The sampling frame for the EIA-821 is also derived from the respondents to Form EIA-863. The EIA-863 is a quadrennial census used to collect information on size, type, and geographic location of firms selling petroleum products. Data from the Federal Highway Administration (FHWA) of the U.S. Department of Transportation replace EIA-821 data reported as on-highway diesel sales.

The Highway Statistics Division of the FHWA collects information related to highway transportation. Sales volumes of motor gasoline are published on a calendar year basis and are a cumulative tabulation of gross gallons of gasoline reported by wholesale distributors to State motor fuel tax agencies. The FHWA collects information on finished motor gasoline, with no distinction made among motor gasoline grades. The data include gasoline for both highway and non-highway use. The FHWA includes gasohol but excludes exports, fuels for military use, and dealer transfers.

The Bureau of Labor Statistics (BLS) publishes the aggregate index for household fuels and its component indexes for electricity and natural gas, as well as the motor fuels. The component index for fuel oil and diesel fuel are only published at the national level. These retail prices are collected monthly by BLS representatives in the urban areas, and support the estimation of the Consumer Price Index (CPI). The CPI uses fixed volume weights to measure the change in price over time for a defined market basket of goods and services bought by urban consumers. It measures the percent change in consumers' expenditures on a fixed list of items whose values and qualities do not change over time. The base period weight of the fuels indexes for the time period evaluated represents the out-of-pocket expenditures on household fuels as reported in the Consumer Expenditure Survey (1993-1995). Approximately 2,400 prices are collected for all three grades of gasoline in approximately 87 urban areas across the country and include all taxes directly associated with the purchase and the use of the items. The 87 areas cover 39 States and the District of Columbia.

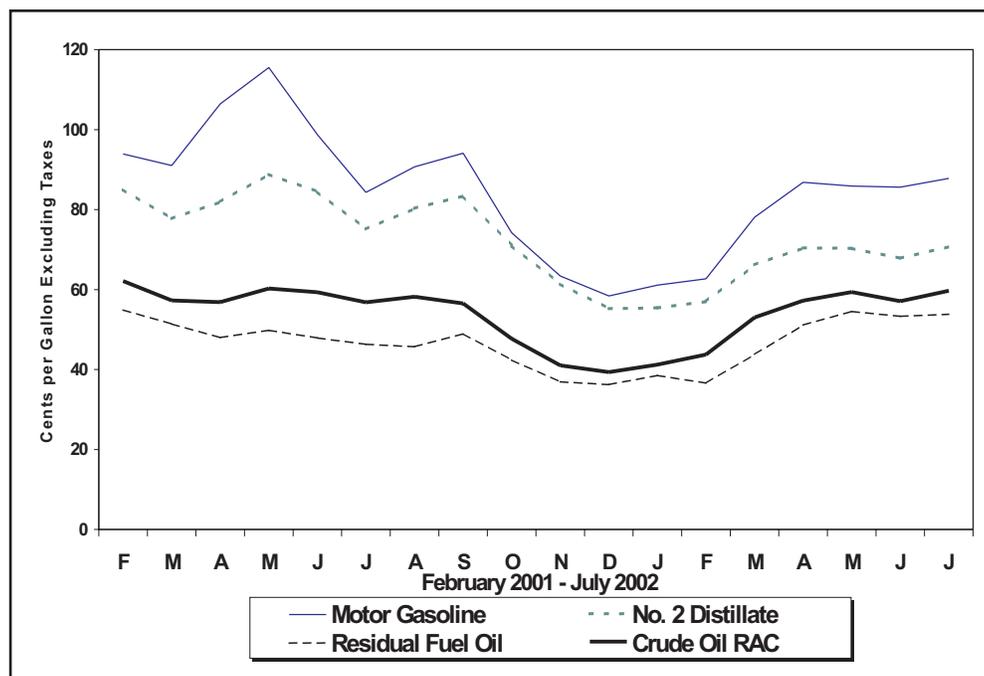
# Highlights

With no single issue definitively driving market activity, world crude oil prices showed only a moderate degree of activity during July. However, despite the absence of any decisive matters and marked price changes, prices for key streams were higher on average than those seen in June. The narrow range of prices was the result of several issues offsetting one another. First, prices were tempered by the perception that supply exceeds current demand. Supporting that perception, actual wellhead production for various members of the Organization of Petroleum Exporting Countries (OPEC) was reported to have exceeded the assigned production rates for group members. Accounts indicate the group produced 1.44 million barrels per day above the agreed limit in June and overruns are expected again in July. Venezuelan officials announced an increase in production in mid-July to make up for lost production and revenue during the oil workers strike and subsequent short-lived coup against President Hugo Chavez in April. The increase is expected to be about 400,000 barrels per day and be in place during the second half of 2002. Conversely, price levels were sustained by the “war premium” and U. S. supply reports showed steady decreases in crude oil stock levels throughout the month. By the end of July, renewed concern about a U.S. attack on Iraq began to push oil prices higher.

Prices for crude oil and refined products moved within a comparatively tight range in markets across the United States during July. Concerns about the possibility of terrorist attacks on July 4 had caused prices to rise slightly prior to the holiday, but they declined following the ab-

sence of any incidents during the long weekend. Gasoline prices showed the most activity and range during July, due largely to weekly stocks reports showing successive declines in inventory levels over the course of the month, with additional impetus from a decline in imports. Demand for the product was solid, as expected during the height of the driving season. At the national level, monthly data show gasoline demand was 1.2 percent higher in July 2002 than in July 2001. Additionally, data show gasoline supplies fell again in July, dropping 1.3 percent from last month’s level. Prices reflect those trends. At New York Harbor, the July monthly average spot price for regular gasoline was 76.1 cents per gallon this year compared with 68.3 cents per gallon last year. In Los Angeles, the average prices in July for reformulated regular gasoline were 74.1 cents per gallon in 2001 and 86.0 cents per gallon in 2002. Gasoline prices in the often volatile West Coast markets were quiet until news of a refinery outage in

**Figure HL1. Crude Oil and Petroleum Product Wholesale Prices**



Sources: Energy Information Administration. Crude oil refiner acquisition cost: Form EIA-14, “Refiners’ Monthly Cost Report”; petroleum product prices: Form EIA-782A, “Refiners’/Gas Plant Operators’ Monthly Petroleum Product Sales Report.”

**Table HL1. U.S. Refiner Prices and Volumes of Petroleum Products**

(Prices: Cents per Gallon Excluding Taxes, Volumes: Million Gallons per Day)

Products	Sales to End Users						Sales for Resale					
	July 2002		June 2002		July 2001		July 2002		June 2002		July 2001	
	Price	Volume	Price	Volume	Price	Volume	Price	Volume	Price	Volume	Price	Volume
<b>Motor Gasoline</b> .....	100.3	64.4	99.1	64.7	103.0	62.9	87.8	327.0	85.6	324.4	84.3	316.9
<b>Conventional</b> .....	97.4	38.3	95.6	38.2	95.1	37.6	84.6	221.8	81.8	219.4	78.1	212.1
Regular .....	94.4	29.2	92.5	29.1	91.7	28.7	82.9	182.9	80.2	181.2	76.4	174.2
Midgrade .....	103.6	5.0	101.6	5.0	102.6	4.9	89.1	12.6	86.4	12.0	82.6	12.3
Premium .....	111.6	4.1	110.0	4.1	110.5	4.0	94.2	26.3	90.7	26.2	87.5	25.5
<b>Oxygenated</b> .....	106.8	1.9	99.7	1.9	104.2	1.7	94.9	8.2	88.7	7.6	91.7	7.1
Regular .....	104.3	1.6	97.4	1.6	101.4	1.4	93.9	6.3	87.7	6.0	90.8	5.5
Midgrade .....	113.7	0.2	105.4	0.2	112.2	0.2	95.1	1.3	88.4	1.1	90.8	1.1
Premium .....	122.8	0.2	116.0	0.2	122.3	0.1	104.5	0.6	99.2	0.6	104.5	0.5
<b>Reformulated</b> .....	104.4	24.2	104.6	24.5	115.5	23.6	94.6	97.0	93.9	97.4	97.1	97.8
Regular .....	100.3	17.3	100.6	17.5	111.1	17.0	91.5	72.7	90.8	73.4	93.3	74.9
Midgrade .....	111.1	3.4	111.3	3.4	122.6	3.3	102.1	7.9	102.1	7.9	107.5	7.4
Premium .....	117.9	3.5	118.0	3.6	131.4	3.2	104.5	16.4	104.2	16.0	110.4	15.4
<b>Aviation Gasoline</b> .....	138.9	0.1	127.3	0.2	134.6	0.1	118.9	0.8	116.7	0.5	120.9	0.8
<b>Kerosene-Type Jet Fuel</b> .....	72.2	53.1	68.8	50.5	76.9	53.7	71.5	12.5	67.9	9.5	75.9	13.5
<b>Propane (Consumer Grade)</b> .....	38.4	2.2	37.9	2.9	45.1	3.6	37.5	25.0	37.9	29.3	43.6	30.2
<b>Kerosene</b> .....	80.6	0.1	83.8	0.0	83.4	0.1	73.4	1.0	69.4	0.9	75.4	1.8
<b>No. 1 Distillate</b> .....	82.5	0.2	80.5	0.2	86.6	0.2	76.3	0.3	77.1	0.2	86.0	0.2
<b>No. 2 Distillate</b> .....	74.9	21.5	72.9	21.7	81.1	25.1	70.7	120.8	67.8	120.2	75.1	120.7
No. 2 Fuel Oil .....	70.7	2.8	67.6	2.8	78.1	2.3	68.7	17.9	65.8	17.0	72.8	18.4
No. 2 Diesel Fuel .....	75.6	18.7	73.7	18.9	81.4	22.8	71.0	102.9	68.2	103.2	75.5	102.2
Low Sulfur .....	77.8	12.8	76.2	12.8	82.8	16.1	71.3	91.5	68.4	92.1	75.9	88.7
High Sulfur .....	70.7	5.9	68.3	6.1	78.0	6.7	68.7	11.4	66.3	11.1	73.0	13.5
<b>No. 4 Fuel<sup>a</sup></b> .....	65.5	0.4	62.6	0.3	61.4	0.3	60.9	0.0	61.3	0.0	57.2	0.1
<b>Residual Fuel Oil</b> .....	58.6	9.3	58.4	9.7	51.5	13.7	53.8	8.8	53.3	9.8	46.3	12.0
Sulfur Content not > 1 % .....	63.9	2.4	63.5	2.0	63.2	3.7	55.8	5.4	53.7	5.8	50.0	6.4
Sulfur Content > 1 % .....	56.8	6.9	57.1	7.8	47.2	10.0	50.7	3.5	52.7	4.0	42.2	5.6

<sup>a</sup> Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: Motor gasoline averages and totals prior to October 1993 include leaded gasoline.

Notes: Values shown for the current month are preliminary. Values shown for previous months are revised. Data are final upon publication in the *Petroleum Marketing Annual*.

Source: Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

the San Francisco area late in the month caused spot market prices to test the 90-cents-per-gallon range. Despite that episode, supplies in the region were seen as comfortable which moderated prices for the most part. No. 2 distillate prices were quiet throughout the month, and generally followed the lead of crude oil prices. However, distillate prices received a modicum of support from utilities on the East Coast that purchased product for their peak-use units during hot weather.

Additional July market and sales activity for crude oil and the principal petroleum products are summarized in the following sections.

## Crude Oil

While the daily spot price for West Texas Intermediate (WTI) crude oil at Cushing, Oklahoma moved within a limited range during July, it moved at a higher level on average than in June. Opening at \$26.79 per barrel, the price dropped to its low of \$26.14 per barrel on July 8 following the long holiday weekend. It rose steadily after that point, underpinned by reported decreases in stocks and solid demand. The price reached its high of \$27.88 per barrel on July 17. Retreating marginally after that, due to a variety of factors, the prices closed July at \$27.02 per barrel, only 23 cents above its opening level.

- Monthly average prices for crude oil increased in all categories during July. The average domestic crude oil first purchase price rose 88.0 cents (3.9 percent), to \$23.47 per barrel.
- The average free-on-board (f.o.b.) cost of imported crude oil increased 89.0 cents (3.9 percent), to \$23.48 per barrel. The average landed cost of foreign crude oil rose 72.0 cents (3.0 percent), to \$24.62 per barrel.
- The average refiner acquisition cost for domestic crude oil rose 56.0 cents (2.3 percent), to \$25.37 per barrel. The average cost of imported crude oil to U.S. refiners saw the largest increase, rising \$1.53 (6.6 percent), to \$24.86 per barrel. The composite refiner acquisition cost for crude oil climbed \$1.10 (4.6 percent), to \$25.08 per barrel.

## Petroleum Products

### *Motor Gasoline*

The daily spot price for regular gasoline at New York Harbor showed the most activity in the complex during July. After opening the month at 73.8 cents per gallon, the price dropped to its low of 69.6 cents per gallon on July 8. The price began to rise firmly following that point, as a result of solid demand and reported decreases in stocks, and reached its high of 80.4 cents per gallon on July 17. The price eased during the second half of the month, closing at 78.5 cents per gallon, 4.7 cents higher than where it began July.

- National average gasoline rose moderately in July. The average price for retail sales of motor gasoline by refiners rose 1.2 cents to \$1.003 per gallon. The average wholesale price increased 2.2 cents to 87.8 cents per gallon. Including data reported by a sample of motor gasoline marketers, the national average price at company-operated retail outlets climbed 1.6 cents to 99.4 cents per gallon. The average wholesale price rose 2.2 cents to 87.5 cents per gallon. The average dealer tank wagon (DTW) price increased 1.5 cents to 93.0 cents per gallon, while the average rack price rose 2.6 cents to 86.6 cents per gallon. The average price for bulk sales increased 2.8 cents to 77.0 cents per gallon. Reformulated gasoline (RFG) prices were 9.6 cents higher than conventional gasoline prices at retail, and 9.8 cents higher at wholesale. Oxygenated gasoline prices were 6.5 cents more

than conventional gasoline prices at retail, and 8.3 cents higher at wholesale.

- Refiner sales of gasoline were mixed in July. As a whole, sales climbed 2.3 million gallons per day (0.6 percent), to an average of 391.4 million gallons per day. Retail sales fell 300,000 gallons per day (0.5 percent), while wholesales increased 2.6 million gallons per day (0.8 percent). Rack sales accounted for 65.2 percent of wholesales, while DTW and bulk sales made up 20.2 percent and 14.6 percent, respectively. Reformulated gasoline made up 31.0 percent of total motor gasoline sales, while oxygenated gasoline covered 2.6 percent of sales.

### *No. 2 Distillate*

During the height of the product's off-season, the daily spot price for No. 2 heating oil at New York Harbor followed an uneventful path during July. After opening at 67.5 cents per gallon, the price essentially followed the lead of crude oil through the rest of the month. The price reached its high of 70.1 cents per gallon on July 17, then eased to the mid-60-cents range where it remained through the end of the month. The month's low, 65.4 cents per gallon, was reached on July 23. Closing at 67.0 cents per gallon, the price was a half cent lower than where it started July.

- For the most part, No. 2 distillate prices registered moderate increases. While the national average residential price for No. 2 distillate fell 2.0 cents to \$1.029 per gallon, the average wholesale price increased 2.8 cents to 71.4 cents per gallon. The average price for No. 2 diesel fuel at company-operated retail outlets rose 1.9 cents, while the average No. 2 diesel fuel wholesale price climbed 2.8 cents. The difference between low- and high-sulfur diesel fuel prices was 2.1 cents at retail and 1.9 cents at wholesale.
- Overall, refiner sales of No. 2 distillate increased in July. Total sales rose 400,000 gallons (0.3 percent), to 142.3 million gallons per day. Sales of No. 2 fuel oil climbed 900,000 gallons per day (4.5 percent), while sales of No. 2 diesel fuel decreased 500,000 gallons per day (0.4 percent). Low-sulfur diesel fuel made up 85.8 percent of all refiner diesel fuel sales, and 73.3 percent of all refiner No. 2 distillate sales.

### *Residual Fuel Oil Residual Fuel Oil*

- Residual fuel oil price trends were mixed in July. Refiner prices for low-sulfur residual fuel oil rose 0.4

cent to 63.9 cents per gallon at retail, and 2.1 cents to 55.8 cents per gallon at wholesale. The average retail price for high-sulfur residual fuel oil dropped 0.3 cent to 56.8 cents per gallon. The wholesale price declined 2.0 cents to 50.7 cents per gallon. Including data reported by a sample of residual fuel oil marketers, the average low-sulfur residual fuel oil price rose to 61.3 cents per gallon at retail, while the wholesale price increased 1.5 cents to 55.2 cents per gallon. The retail price for high-sulfur residual fuel oil was essentially flat, dropping 0.1 cent to 56.0 cents per gallon, while the wholesale price fell 1.7 cents to 51.8 cents per gallon.

- Total refiner sales of residual fuel oil declined in July. Total sales fell 1.4 million gallons per day (7.2 percent) to 18.1 million gallons per day. Low-sulfur residual fuel sales were flat, while high-sulfur residual fuel oil sales dropped 1.4 million gallons (11.9 percent).

### ***Other Products***

- Price trends for other petroleum products were mixed in July. Refiner propane prices rose 0.5 cent per gallon at retail, but fell 0.4 cent per gallon at wholesale. Including data from a sample of propane marketers, the average residential propane price dropped 7.6 cents per gallon, while the average retail price fell 0.4 cent. The average wholesale price also declined 0.4 cent. Prices for kerosene-type jet fuel and aviation gasoline rose at both levels. No. 1 distillate and No. 4 distillate prices increased at retail but declined at wholesale. Kerosene prices rose at retail but fell at wholesale.
- Sales of these products by refiners were varied in July. Sales of propane declined at both levels, while kerosene-type jet fuel, kerosene, and No. 1 distillate increased at both the retail and wholesale levels. Aviation gasoline sales fell at retail but increased at wholesale, while sales of No. 4 distillate did just the opposite.

# Initial Estimates

## EIA Responds to Customer Requests for More Timely Data

The Energy Information Administration (EIA) is publishing initial estimates for selected petroleum product prices within 3 weeks after the close of the reference month. Historically, estimates for petroleum product prices are published in the *Petroleum Marketing Monthly* approximately two to three months after the close of the reference period. In an effort to respond to customer needs, initial estimates for selected products are being published earlier. These initial estimates are replaced with the preliminary and final prices according to the current schedule.

The initial estimates are forecasted using autoregressive integrated moving average (ARIMA) transfer function models. Transfer function models are ARIMA models which use input data series as predictors. The initial estimates are calculated based on their own past values and present and past values of other related time series, such as spot prices and heating degree-days. At least 5 years of data are used to obtain the forecasts.

**Table IE1. Prices for Selected Crude Oil and Petroleum Products  
by Sales Type and PAD District**  
(Crude Oil in Dollars per Barrel, Products in Cents per Gallon Excluding Taxes)

Products Sales Type Geographic area	2001											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b>Crude Oil</b>												
<b>Refiner Acquisition Cost</b>												
Domestic .....	26.84	27.67	25.64	25.12	26.37	26.30	25.27	25.44	25.48	21.79	18.99	17.34
Imported .....	24.49	24.97	23.01	22.99	24.63	23.95	22.83	23.77	22.51	18.76	16.06	15.95
Composite .....	25.46	26.09	24.05	23.87	25.31	24.92	23.86	24.44	23.73	20.04	17.24	16.52
<b>Motor Gasoline</b>												
<b>Sales to End Users Through Retail Outlets</b>												
<b>Regular</b>												
U.S. ....	103.0	103.0	99.3	113.8	126.5	115.2	97.3	100.1	107.9	86.4	73.3	66.0
PADD 1 .....	100.1	100.9	95.8	107.6	117.5	111.7	96.7	92.9	96.9	83.2	69.8	63.6
PADD 2 .....	105.9	103.5	97.9	118.5	135.8	114.0	91.0	107.1	118.0	83.4	72.7	68.1
PADD 3 .....	97.3	98.7	93.9	108.8	116.7	107.7	90.8	91.2	98.2	81.5	67.3	62.2
PADD 5 .....	108.3	110.7	114.5	121.1	132.8	131.1	118.5	104.9	113.0	102.0	85.9	69.1
<b>Sales for Resale</b>												
<b>Regular</b>												
U.S. ....	92.5	92.2	89.2	104.4	113.3	96.0	81.6	88.8	92.2	72.3	61.9	57.1
PADD 1 .....	91.4	91.2	86.3	101.0	108.6	93.4	80.4	83.8	84.4	69.2	60.2	56.5
PADD 2 .....	94.5	90.0	86.2	106.9	121.6	95.5	79.6	97.2	99.5	70.3	60.9	57.9
PADD 3 .....	88.3	87.8	82.7	98.1	102.2	86.5	73.8	79.7	83.2	65.2	56.5	54.3
PADD 5 .....	96.1	103.5	107.9	115.2	120.5	112.6	95.9	94.6	105.2	90.1	73.3	60.1
<b>No. 2 Distillate Fuel Oil</b>												
<b>Sales to End Users, Residential</b>												
U.S. ....	138.7	134.2	129.4	127.2	124.9	120.2	113.6	114.3	117.6	114.1	110.9	108.0
PADD 1 .....	139.8	135.2	130.4	127.9	124.7	120.3	114.2	114.3	116.8	114.6	112.0	109.8
PADD 2 .....	129.0	125.7	117.7	118.6	123.3	116.5	108.4	113.7	121.4	109.8	101.4	95.0
PADD 3 .....	NA	NA	91.9	W	W	W	W	W	W	W	88.8	81.7
PADD 5 .....	142.0	142.5	141.3	138.4	141.5	137.2	125.8	NA	129.0	123.3	115.8	107.7
<b>Sales to End Users Through Retail Outlets<sup>b</sup></b>												
U.S. ....	105.4	101.4	93.4	96.7	104.2	100.5	90.5	94.7	102.0	88.6	79.4	71.3
PADD 1 .....	109.2	104.4	94.5	97.4	99.5	97.7	91.5	91.6	95.4	85.3	77.4	72.5
PADD 2 .....	103.1	99.2	91.0	95.1	107.0	100.6	88.1	96.6	106.1	89.8	79.9	70.7
PADD 3 .....	100.4	97.4	89.1	91.1	95.9	96.3	88.3	89.2	92.9	82.2	74.2	68.4
PADD 5 .....	113.1	107.8	105.3	106.4	108.4	107.7	99.6	98.7	107.8	94.9	86.5	75.0
<b>Sales for Resale</b>												
U.S. ....	90.8	85.4	78.4	82.4	88.6	84.7	75.6	80.6	83.6	71.5	62.5	56.6
PADD 1 .....	91.5	84.0	77.5	80.9	82.0	80.3	74.1	76.3	77.5	67.6	61.5	58.6
PADD 2 .....	92.6	87.3	78.6	84.2	96.9	87.5	78.0	87.8	93.0	77.7	66.8	57.5
PADD 3 .....	87.4	82.9	73.9	76.9	83.0	81.6	72.9	75.2	76.9	65.9	57.5	52.7
PADD 5 .....	90.0	91.3	87.1	90.0	92.1	90.9	78.0	83.8	87.9	75.3	65.3	56.5
<b>Kerosene-Type Jet Fuel</b>												
<b>Sales to End Users</b>												
U.S. ....	88.3	86.9	81.1	80.3	84.0	83.6	76.9	77.9	82.3	67.8	62.5	55.6
PADD 1 .....	88.7	86.9	79.7	80.1	84.5	83.0	75.4	78.0	81.0	67.4	61.1	54.9
PADD 2 .....	89.5	87.1	79.6	79.5	86.5	84.2	76.0	79.5	82.4	68.2	61.6	55.2
PADD 3 .....	85.4	84.8	77.2	76.9	81.6	80.1	73.6	76.4	78.8	64.0	59.6	53.8
PADD 5 .....	88.8	87.5	85.2	82.6	83.1	85.5	80.1	77.4	85.1	70.4	65.4	57.4
<b>Sales for Resale</b>												
U.S. ....	88.2	86.8	80.5	79.5	83.5	82.6	75.9	77.6	80.7	68.5	61.9	55.3
PADD 1 .....	90.0	87.7	80.7	80.4	84.5	82.3	75.4	77.3	80.8	67.6	60.4	55.6
PADD 2 .....	90.4	89.4	81.0	82.1	89.8	86.1	77.5	81.8	86.8	72.3	63.3	56.8
PADD 3 .....	85.5	84.5	77.0	76.9	80.8	79.8	73.3	75.4	78.0	65.4	61.0	53.6
PADD 5 .....	90.9	88.9	87.7	83.5	84.7	86.8	82.0	80.0	85.5	74.4	66.8	58.9
<b>Residual Fuel Oil</b>												
<b>Sales to End Users</b>												
U.S. ....	62.6	60.6	57.7	53.4	54.5	52.7	51.0	51.2	54.1	49.1	42.8	42.0
<b>Sales for Resale</b>												
U.S. ....	58.8	56.7	53.6	50.5	51.2	48.8	46.1	45.9	48.4	43.8	39.0	38.6

See footnotes at end of table.

**Table IE1. Prices for Selected Crude Oil and Petroleum Products  
by Sales Type and PAD District**

(Crude Oil in Dollars per Barrel, Products in Cents per Gallon Excluding Taxes) — Continued

Products Sales Type Geographic area	2002											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug <sup>a</sup>	Sep	Oct	Nov	Dec
<b>Crude Oil</b>												
<b>Refiner Acquisition Cost</b>												
Domestic .....	17.85	18.70	21.57	24.27	25.78	24.81	25.37	<b>26.83</b>				
Imported .....	16.93	18.13	22.78	23.87	24.29	23.33	24.86	<b>26.01</b>				
Composite .....	17.31	18.37	22.26	24.03	24.94	23.98	25.08	<b>26.41</b>				
<b>Motor Gasoline</b>												
<b>Sales to End Users Through Retail Outlets</b>												
<b>Regular</b>												
U.S. ....	68.7	69.5	84.7	96.8	95.8	94.8	96.4	<b>96.7</b>				
PADD 1 .....	66.6	66.9	80.1	94.9	93.7	91.4	92.3	<b>94.5</b>				
PADD 2 .....	70.1	69.8	87.5	97.1	96.4	96.1	98.8	<b>97.5</b>				
PADD 3 .....	65.6	65.9	81.4	94.3	92.8	90.1	90.3	<b>90.8</b>				
PADD 5 .....	71.9	77.4	92.6	103.6	102.2	105.1	105.9	<b>104.4</b>				
<b>Sales for Resale</b>												
<b>Regular</b>												
U.S. ....	59.7	61.3	76.3	84.7	83.7	83.2	85.4	<b>86.0</b>				
PADD 1 .....	59.1	59.7	73.3	83.6	82.7	80.8	83.4	<b>83.3</b>				
PADD 2 .....	59.8	60.8	78.5	84.8	85.2	85.3	88.7	<b>87.7</b>				
PADD 3 .....	56.6	57.6	72.4	81.6	79.6	77.9	79.8	<b>78.8</b>				
PADD 5 .....	64.6	70.2	86.4	92.8	91.6	96.3	94.6	<b>96.6</b>				
<b>No. 2 Distillate Fuel Oil</b>												
<b>Sales to End Users, Residential</b>												
U.S. ....	109.7	108.6	109.9	111.2	108.9	104.9	102.9	<b>105.3</b>				
PADD 1 .....	111.6	110.4	111.8	113.0	110.9	107.7	105.3	<b>106.1</b>				
PADD 2 .....	94.0	93.8	96.2	98.2	96.8	92.3	93.1	<b>93.6</b>				
PADD 3 .....	77.1	77.1	W	W	W	W	W	NA				
PADD 5 .....	104.8	105.1	113.2	115.0	114.1	109.8	105.7	NA				
<b>Sales to End Users Through Retail Outlets<sup>b</sup></b>												
U.S. ....	69.9	70.7	79.1	84.9	84.7	82.7	84.6	<b>86.6</b>				
PADD 1 .....	73.4	73.3	80.2	85.9	86.3	83.9	85.5	<b>87.4</b>				
PADD 2 .....	67.8	68.6	77.2	83.5	83.3	81.2	84.0	<b>85.9</b>				
PADD 3 .....	68.0	68.8	76.7	82.2	82.3	79.7	81.2	<b>82.4</b>				
PADD 5 .....	75.1	77.4	88.1	90.8	89.0	88.8	89.3	<b>93.3</b>				
<b>Sales for Resale</b>												
U.S. ....	56.6	58.1	67.3	71.0	70.9	68.6	71.4	<b>73.9</b>				
PADD 1 .....	59.1	59.9	66.7	70.1	70.1	67.6	70.6	<b>72.8</b>				
PADD 2 .....	55.6	57.7	68.1	72.4	72.2	69.5	73.3	<b>75.2</b>				
PADD 3 .....	53.0	54.3	65.4	68.1	68.2	65.8	68.8	<b>71.8</b>				
PADD 5 .....	56.6	60.2	71.8	73.9	73.2	73.0	73.4	<b>80.9</b>				
<b>Kerosene-Type Jet Fuel</b>												
<b>Sales to End Users</b>												
U.S. ....	58.1	58.4	64.3	70.0	70.9	68.8	72.2	<b>74.5</b>				
PADD 1 .....	58.4	58.7	64.1	70.0	71.9	69.4	73.4	<b>74.5</b>				
PADD 2 .....	57.7	58.6	64.3	70.9	72.0	69.2	72.9	<b>73.9</b>				
PADD 3 .....	54.8	55.5	61.2	67.9	68.4	65.9	70.0	<b>71.2</b>				
PADD 5 .....	60.6	60.4	67.1	70.4	70.9	70.0	71.9	<b>76.3</b>				
<b>Sales for Resale</b>												
U.S. ....	57.3	57.4	64.2	69.5	69.6	67.9	71.5	<b>73.4</b>				
PADD 1 .....	59.5	60.8	65.1	70.9	71.7	70.3	72.8	<b>74.5</b>				
PADD 2 .....	59.4	61.1	68.3	73.8	72.9	69.8	74.1	<b>75.8</b>				
PADD 3 .....	55.0	54.7	61.2	67.2	67.8	65.2	69.2	<b>70.4</b>				
PADD 5 .....	61.8	59.9	67.5	71.2	69.9	69.9	73.2	NA				
<b>Residual Fuel Oil</b>												
<b>Sales to End Users</b>												
U.S. ....	44.3	44.2	48.9	55.6	56.9	57.1	57.5	<b>59.7</b>				
<b>Sales for Resale</b>												
U.S. ....	39.1	37.8	43.8	51.4	54.3	53.6	53.6	<b>57.0</b>				

Dash (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

<sup>a</sup> Data are initial estimates calculated using prior history of the series as well as present and past values of other related time series, such as spot prices and heating degree days. For an explanation of estimation methodology, see the Explanatory Notes.

<sup>b</sup> Includes on-highway diesel fuel only.

Notes: Data are final upon publication in the *Petroleum Marketing Annual*.

Sources: Energy Information Administration Forms EIA-14, "Refiners' Monthly Cost Report," EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report," and EIA-782B, "Resellers'/Retailers' Monthly Petroleum Product Sales Report."

# **Summary Statistics**

**Table 1. Crude Oil Prices**  
(Dollars per Barrel)

Year Month	Domestic First Purchase Prices	Average F.O.B. <sup>a</sup> Cost of Crude Oil Imports <sup>b</sup>	Average Landed Cost of Crude Oil Imports <sup>b</sup>	Refiner Acquisition Cost of Crude Oil		
				Domestic	Imported	Composite
1978 .....	9.00	13.29	14.35	10.61	14.57	12.46
1979 .....	12.64	20.07	21.45	14.27	21.67	17.72
1980 .....	21.59	32.37	33.67	24.23	33.89	28.07
1981 .....	31.77	35.15	36.47	34.33	37.05	35.24
1982 .....	28.52	32.02	33.18	31.22	33.55	31.87
1983 .....	26.19	27.81	28.93	28.87	29.30	28.99
1984 .....	25.88	27.60	28.54	28.53	28.88	28.63
1985 .....	24.09	25.84	26.67	26.66	26.99	26.75
1986 .....	12.51	12.52	13.49	14.82	14.00	14.55
1987 .....	15.40	16.69	17.65	17.76	18.13	17.90
1988 .....	12.58	13.25	14.08	14.74	14.56	14.67
1989 .....	15.86	16.89	17.68	17.87	18.08	17.97
1990 .....	20.03	20.37	21.13	22.59	21.76	22.22
1991 .....	16.54	16.89	18.02	19.33	18.70	19.06
1992 .....	15.99	16.77	17.75	18.63	18.20	18.43
1993 .....	14.25	14.71	15.72	16.67	16.14	16.41
1994 .....	13.19	14.18	15.18	15.67	15.51	15.59
1995 .....	14.62	15.69	16.78	17.33	17.14	17.23
1996 .....	18.46	19.32	20.31	20.77	20.64	20.71
1997 .....	17.23	16.94	18.11	19.61	18.53	19.04
1998 .....	10.87	10.76	11.84	13.18	12.04	12.52
1999 .....	15.56	16.47	17.23	17.90	17.26	17.51
<b>2000</b>						
January .....	23.53	24.56	25.61	25.79	25.29	25.49
February .....	25.48	26.51	27.01	27.80	27.39	27.55
March .....	26.19	25.71	26.94	29.53	27.70	28.41
April .....	23.20	23.39	24.72	26.05	24.29	24.97
May .....	25.58	25.95	26.71	26.62	26.35	26.46
June .....	27.62	27.73	28.56	29.46	28.91	29.13
July .....	26.81	26.53	28.29	29.94	28.00	28.74
August .....	27.91	27.94	29.03	29.36	28.80	29.01
September .....	29.72	28.84	30.51	32.01	30.56	31.13
October .....	29.65	27.74	29.54	32.09	29.71	30.63
November .....	30.36	27.40	28.74	32.43	30.00	31.00
December .....	24.46	22.79	24.77	27.90	25.19	26.31
<b>2000</b> .....	<b>26.72</b>	<b>26.27</b>	<b>27.53</b>	<b>29.11</b>	<b>27.70</b>	<b>28.26</b>
<b>2001</b>						
January .....	24.58	22.49	24.17	26.84	24.49	25.46
February .....	25.27	23.11	24.31	27.67	24.97	26.09
March .....	23.02	20.96	22.88	25.64	23.01	24.05
April .....	23.41	21.89	23.13	25.12	22.99	23.87
May .....	24.06	22.85	24.19	26.37	24.63	25.31
June .....	23.43	22.73	23.82	26.30	23.95	24.92
July .....	22.94	21.37	22.84	25.27	22.83	23.86
August .....	23.08	22.00	23.30	25.44	23.77	24.44
September .....	22.37	20.84	22.16	25.48	22.51	23.73
October .....	18.73	17.18	18.40	21.79	18.76	20.04
November .....	16.49	15.05	16.25	18.99	16.06	17.24
December .....	15.54	15.25	16.05	17.34	15.95	16.52
<b>2001</b> .....	<b>21.84</b>	<b>20.49</b>	<b>21.83</b>	<b>24.34</b>	<b>22.01</b>	<b>22.96</b>
<b>2002</b>						
January .....	15.89	16.05	17.25	17.85	16.93	17.31
February .....	16.92	17.68	19.16	18.70	18.13	18.37
March .....	20.04	21.64	22.22	21.57	22.78	22.26
April .....	22.14	23.06	24.16	24.27	23.87	24.03
May .....	23.51	23.16	24.49	25.78	24.29	24.94
June .....	22.59	22.59	23.90	24.81	23.33	23.98
July .....	23.47	23.48	24.62	25.37	24.86	25.08
August <sup>c</sup> .....	NA	NA	NA	<sup>E</sup> 26.83	<sup>E</sup> 26.01	<sup>E</sup> 26.41

E = Estimated data.

<sup>a</sup> Free on Board. See Glossary.

<sup>b</sup> Values through 1980 reflect the month of reporting; values since then reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail.

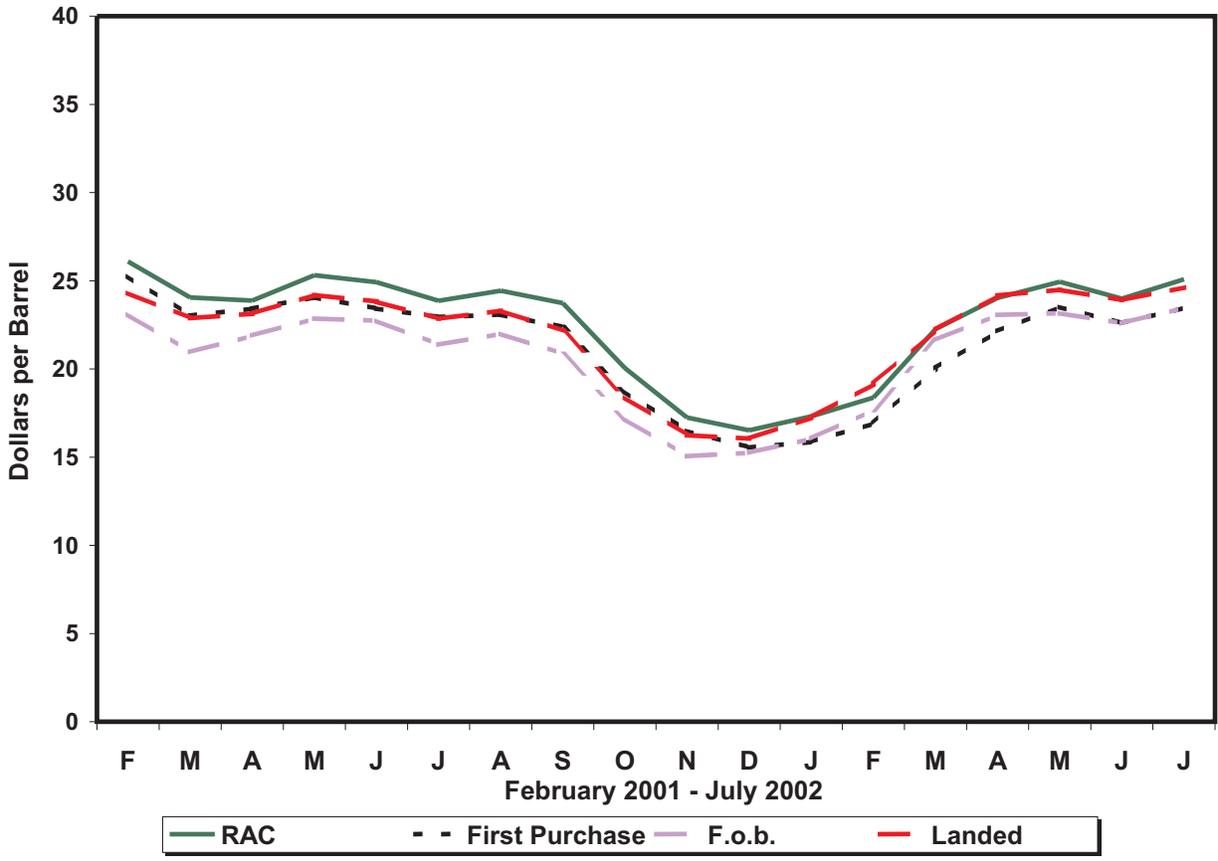
NA = Not available.

<sup>c</sup> Data are initial estimates calculated using prior history of the series as well as present and past values of other related time series, such as spot prices and heating degree days. For an explanation of estimation methodology, see the Explanatory Notes.

Notes: Values for Domestic First Purchase and Refiner Acquisition for the current 2 months, and for Average F.O.B. and Average Landed for current 3 months are preliminary. Values shown for previous months are revised. Data are final upon publication in the *Petroleum Marketing Annual*.

Sources: Domestic first purchase prices -- See "Sources" from Table 21. Crude oil imports costs -- See "Sources" from Table 24. Refiner acquisition costs -- Energy Information Administration, Form FEA-P110-M-1, "Refiners' Monthly Cost Allocation Report," January 1978 through June 1978; Form ERA-49, "Domestic Crude Oil Entitlements Program Refiners' Monthly Report," July 1978 through December 1980; Form EIA-14, "Refiners' Monthly Cost Report," January 1981 to present.

**Figure 1. Crude Oil Prices**



Sources: Energy Information Administration, Form EIA-182, "Domestic Crude Oil First Purchase Report"; Form EIA-856, "Monthly Foreign Crude Oil Acquisition Report"; and Form EIA-14, "Refiners' Monthly Cost Report."

**Table 2. U.S. Refiner Prices of Petroleum Products to End Users**  
(Cents per Gallon Excluding Taxes)

Year Month	Motor Gasoline	Aviation Gasoline	Kerosene- Type Jet Fuel	Propane (Consumer Grade)	Kerosene	No. 1 Distillate	No. 2 Distillate			No. 4 Fuel <sup>a</sup>	Residual Fuel Oil
							No. 2 Diesel Fuel	No. 2 Fuel Oil	Average		
1978	48.4	51.6	38.7	33.5	42.1	41.0	37.7	40.0	39.6	31.1	29.8
1979	71.3	68.9	54.7	35.7	58.5	57.2	58.5	51.6	55.1	47.9	43.6
1980	103.5	108.4	86.8	48.2	90.2	83.4	81.8	78.8	80.4	68.2	60.7
1981	114.7	130.3	102.4	56.5	112.3	103.9	99.5	91.4	95.8	79.7	75.6
1982	106.0	131.2	96.3	59.2	108.9	102.3	94.2	90.5	92.5	75.0	67.6
1983	95.4	125.5	87.8	70.9	96.1	96.2	82.6	91.6	83.9	76.6	65.1
1984	90.7	123.4	84.2	73.7	103.6	92.7	82.3	91.6	83.7	79.6	68.7
1985	91.2	120.1	79.6	71.7	103.0	88.0	78.9	84.9	79.9	77.3	61.0
1986	62.4	101.1	52.9	74.5	79.0	62.0	47.8	56.0	49.1	48.9	34.3
1987	66.9	90.7	54.3	70.1	77.0	60.4	55.1	58.1	55.6	51.3	42.3
1988	67.3	89.1	51.3	71.4	73.8	56.4	50.0	54.4	50.7	46.1	33.4
1989	75.6	99.5	59.2	61.5	70.9	66.1	58.5	58.7	58.5	51.2	38.5
1990	88.3	112.0	76.6	74.5	92.3	81.9	72.5	73.4	72.6	62.2	44.4
1991	79.7	104.7	65.2	73.0	83.8	74.0	64.8	66.5	65.0	58.0	34.0
1992	78.7	102.7	61.0	64.3	78.8	66.6	61.9	62.7	62.0	52.6	33.6
1993	75.9	99.0	58.0	67.3	75.4	66.6	60.2	60.2	60.2	50.1	33.7
1994	73.8	95.7	53.4	53.0	66.0	64.0	55.4	57.2	55.6	50.1	35.2
1995	76.5	100.5	54.0	49.2	58.9	62.0	56.0	56.2	56.0	50.5	39.2
1996	84.7	111.6	65.1	60.5	74.0	72.6	68.1	67.3	68.0	60.3	45.5
1997	83.9	112.8	61.3	55.2	74.5	68.9	64.2	63.6	64.2	56.5	42.3
1998	67.3	97.5	45.2	40.5	50.1	55.1	49.4	48.2	49.2	42.8	30.5
1999	78.1	105.9	54.3	45.8	60.5	62.1	58.4	55.8	58.0	47.4	37.4
<b>2000</b>											
January	91.7	118.7	80.7	62.9	111.1	86.6	79.9	86.5	80.8	73.7	54.6
February	98.7	119.5	82.8	73.0	130.1	93.3	88.8	95.2	89.6	84.9	57.5
March	113.1	129.1	85.0	64.8	107.7	95.9	90.3	85.9	89.9	70.1	57.8
April	108.7	124.3	78.1	48.7	99.6	93.2	84.8	81.7	84.5	66.1	54.7
May	110.3	126.8	78.9	49.8	86.8	93.7	85.1	83.1	84.9	66.6	57.3
June	121.3	139.8	80.2	54.4	88.4	91.1	86.4	84.5	86.2	66.3	62.0
July	117.3	142.6	84.0	55.2	90.1	92.2	87.9	84.7	87.5	63.6	60.3
August	110.3	NA	88.8	55.7	96.5	94.7	93.6	90.8	93.3	69.5	57.1
September	117.5	138.2	106.1	58.2	116.2	107.8	107.8	105.9	107.6	73.1	62.0
October	115.5	134.9	104.5	59.7	116.0	110.7	107.6	105.0	107.4	81.4	68.6
November	113.5	134.9	106.6	63.8	122.9	111.3	107.0	106.4	106.9	87.5	64.7
December	106.3	126.1	99.7	66.8	122.7	105.8	99.7	101.5	99.9	87.4	62.5
2000	110.6	130.6	89.9	60.3	112.3	98.8	93.5	92.7	93.4	76.9	60.2
<b>2001</b>											
January	106.6	128.5	88.3	82.3	126.0	103.3	96.2	99.6	96.7	86.2	61.9
February	106.6	130.3	86.9	67.0	122.1	97.2	92.0	94.3	92.3	81.2	59.8
March	103.8	124.5	81.1	57.6	112.8	89.7	84.2	86.6	84.5	73.1	57.3
April	117.6	132.8	80.3	57.0	100.5	89.9	86.3	86.1	86.2	68.9	53.1
May	130.1	146.5	84.0	54.3	94.1	98.3	93.0	90.1	92.7	66.8	53.7
June	120.5	145.1	83.6	50.5	93.8	94.1	90.6	84.8	90.0	62.8	52.4
July	103.0	134.6	76.9	45.1	83.4	86.6	81.4	78.1	81.1	61.4	51.5
August	102.5	136.3	77.9	46.3	84.2	92.0	84.7	82.1	84.4	62.4	51.1
September	109.2	142.5	82.3	43.7	94.9	100.5	89.5	88.8	89.4	60.5	53.2
October	89.9	125.4	67.8	44.7	104.3	87.7	77.2	72.4	76.6	56.6	49.3
November	76.8	119.4	62.5	43.5	100.9	76.6	68.4	65.8	68.1	54.5	43.2
December	68.4	115.8	55.6	40.2	97.7	68.2	60.9	62.7	61.1	53.5	42.1
2001	103.2	132.2	77.6	50.6	105.1	90.2	84.2	82.9	84.0	67.9	53.3
<b>2002</b>											
January	70.7	121.2	58.1	38.1	98.3	68.1	60.5	63.6	61.0	57.1	44.4
February	71.8	118.5	58.4	35.1	97.7	69.4	61.5	62.3	61.6	54.5	43.3
March	87.3	125.2	64.3	39.5	99.3	78.0	70.1	70.1	70.1	59.5	49.5
April	100.4	133.4	70.0	41.7	NA	82.8	75.3	72.0	74.9	66.1	55.8
May	99.9	128.4	70.9	40.5	91.5	83.8	75.4	70.9	74.9	64.7	58.1
June	99.1	127.3	68.8	37.9	83.8	80.5	73.7	67.6	72.9	62.6	58.4
July	100.3	138.9	72.2	38.4	80.6	82.5	75.6	70.7	74.9	65.5	58.6

NA = Not available.

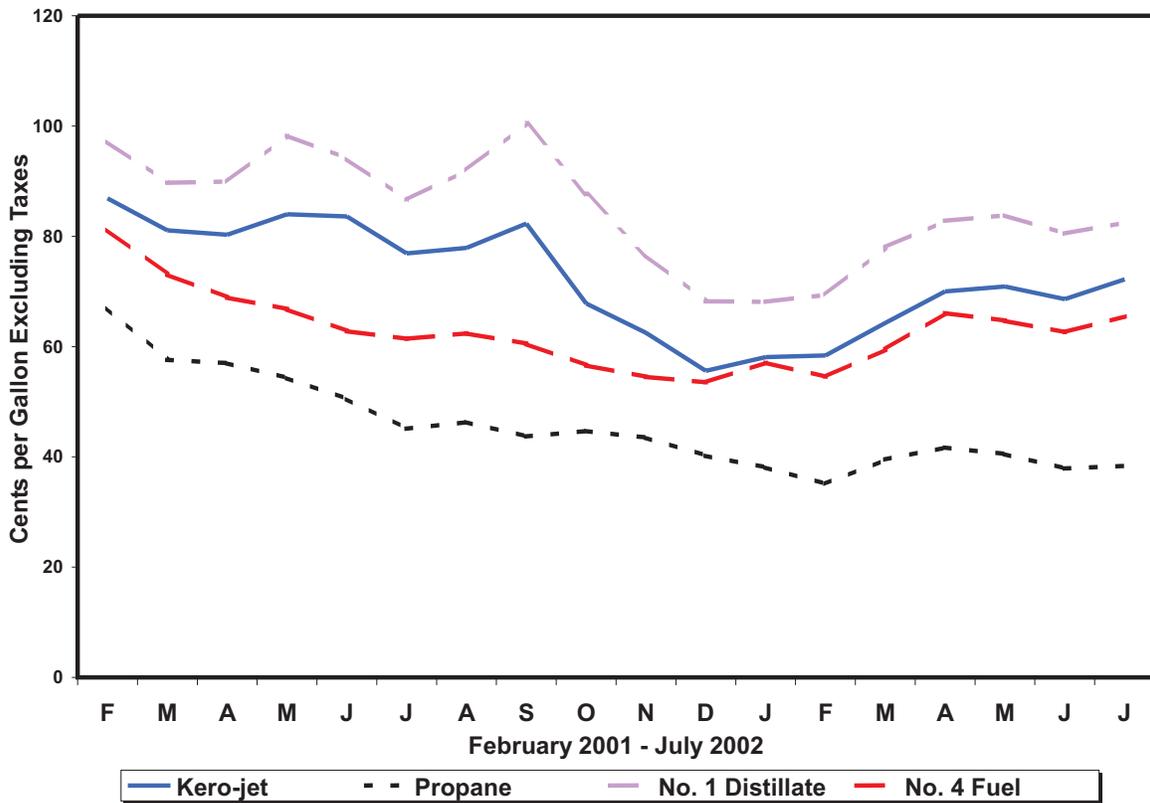
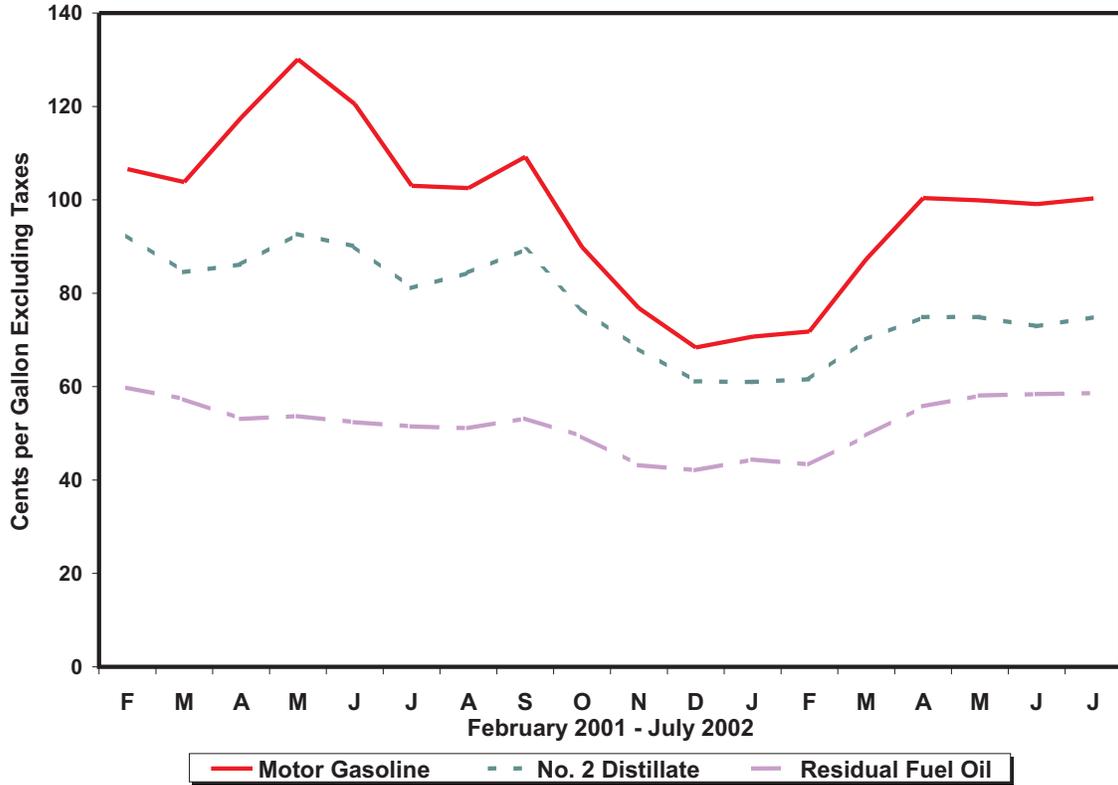
<sup>a</sup> Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: Motor gasoline averages and totals prior to October 1993 include leaded gasoline.

Notes: Values shown for the current month are preliminary. Values shown for previous months are revised. Data are final upon publication in the *Petroleum Marketing Annual*.

Sources: Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report," January 1983 forward; Form EIA-460, "Petroleum Industry Monthly Report for Product Prices," source for backcast estimates prior to January 1983.

**Figure 2. U.S. Refiner Retail Petroleum Product Prices**



Source: Energy Information Administration, Form EIA-782A, "Refiners' /Gas Plant Operators' Monthly Petroleum Product Sales Report."

**Table 3. U.S. Refiner Volumes of Petroleum Products to End Users**  
(Million Gallons per Day)

Year Month	Motor Gasoline	Aviation Gasoline	Kerosene- Type Jet Fuel	Propane (Consumer Grade)	Kerosene	No. 1 Distillate	No. 2 Distillate			No. 4 Fuel <sup>a</sup>	Residual Fuel Oil
							No. 2 Diesel Fuel	No. 2 Fuel Oil	Total		
<b>1983</b> .....	<b>51.1</b>	<b>0.4</b>	<b>30.8</b>	<b>3.1</b>	<b>0.2</b>	<b>0.5</b>	<b>23.3</b>	<b>3.7</b>	<b>27.0</b>	<b>0.7</b>	<b>28.3</b>
1984 .....	57.6	0.3	32.9	3.3	0.3	0.5	26.3	4.9	31.2	0.7	32.9
<b>1985</b> .....	<b>57.5</b>	<b>0.3</b>	<b>34.6</b>	<b>3.7</b>	<b>0.3</b>	<b>0.5</b>	<b>25.0</b>	<b>5.0</b>	<b>29.9</b>	<b>0.5</b>	<b>25.2</b>
1986 .....	61.2	0.3	35.1	3.4	0.3	0.4	24.4	4.4	28.8	0.7	31.6
1987 .....	61.0	0.2	36.8	3.8	0.3	0.4	24.1	4.5	28.5	0.8	29.0
1988 .....	61.0	0.2	38.2	4.3	0.3	0.4	24.5	4.6	29.1	1.1	30.2
1989 .....	61.2	0.2	40.1	2.8	0.3	0.5	24.3	4.5	28.8	0.9	30.4
1990 .....	60.3	0.2	39.9	2.7	0.2	0.5	22.2	3.6	25.9	0.8	25.9
1991 .....	61.2	0.2	38.5	3.1	0.2	0.5	21.1	3.2	24.4	0.7	24.0
1992 .....	59.0	0.2	39.8	3.8	0.2	0.5	21.5	3.1	24.6	0.6	22.4
1993 .....	57.2	0.2	41.7	3.5	0.2	0.4	20.8	2.9	23.8	0.6	17.2
1994 .....	55.0	0.2	45.2	2.2	0.4	0.4	21.3	3.4	24.6	0.8	13.5
1995 .....	55.9	0.2	45.7	3.2	0.6	0.3	21.6	3.3	24.9	0.5	11.6
1996 .....	57.5	0.2	48.7	3.1	0.4	0.3	21.9	3.1	25.0	0.4	12.9
1997 .....	61.1	0.2	49.7	3.2	0.3	0.4	22.0	3.0	25.0	0.3	13.4
1998 .....	63.3	0.2	48.9	3.1	0.4	0.4	21.1	3.2	24.3	0.3	14.4
1999 .....	62.0	0.1	47.0	3.6	0.2	0.3	21.1	3.0	24.1	0.3	13.9
<b>2000</b>											
January .....	54.4	0.1	43.2	4.2	0.3	0.5	19.7	3.0	22.6	0.5	12.8
February .....	59.1	0.2	46.7	3.8	0.3	0.5	22.7	3.2	25.9	0.5	12.0
March .....	60.6	0.1	47.5	3.2	0.1	0.2	22.8	2.7	25.5	0.3	11.1
April .....	57.9	0.2	48.3	3.2	0.1	0.2	22.3	2.7	25.0	0.2	11.3
May .....	60.3	0.2	47.3	1.4	0.1	0.2	22.9	2.9	25.8	0.2	12.4
June .....	63.3	0.2	52.1	2.2	0.1	0.2	23.0	2.7	25.7	0.2	13.0
July .....	62.3	0.1	52.5	2.2	0.1	0.1	21.7	2.4	24.2	0.1	11.7
August .....	63.6	NA	51.4	3.8	0.1	0.2	23.5	2.7	26.2	0.2	13.2
September .....	63.1	0.2	51.9	2.3	0.1	0.2	22.7	2.6	25.3	0.2	12.3
October .....	62.0	0.2	49.6	2.8	0.2	0.3	23.5	2.8	26.2	0.2	13.8
November .....	62.2	0.2	50.1	2.7	0.3	0.4	22.5	2.8	25.3	0.4	13.9
December .....	62.0	0.1	50.5	2.6	0.5	0.6	23.4	3.4	26.7	0.6	19.4
<b>2000</b> .....	<b>60.9</b>	<b>0.2</b>	<b>49.3</b>	<b>2.9</b>	<b>0.2</b>	<b>0.3</b>	<b>22.6</b>	<b>2.8</b>	<b>25.4</b>	<b>0.3</b>	<b>13.1</b>
<b>2001</b>											
January .....	58.2	0.1	48.2	2.3	0.4	0.6	24.9	4.3	29.2	0.7	21.1
February .....	62.2	0.1	50.0	2.8	0.3	0.5	23.6	3.6	27.2	0.6	18.3
March .....	63.2	0.2	52.0	4.1	0.2	0.4	24.4	3.5	27.9	0.5	16.4
April .....	62.7	0.2	51.8	2.7	0.2	0.2	24.3	2.9	27.2	0.4	16.8
May .....	63.2	0.2	53.6	3.1	0.1	0.2	23.5	2.8	26.3	0.3	18.4
June .....	65.8	0.1	53.3	3.2	0.1	0.2	23.8	2.5	26.3	0.2	14.6
July .....	62.9	0.1	53.7	3.6	0.1	0.2	22.8	2.3	25.1	0.3	13.7
August .....	65.0	0.1	54.6	3.9	0.3	0.2	23.6	2.6	26.2	0.3	13.6
September .....	62.1	0.1	43.1	5.4	0.1	0.2	21.3	2.1	23.4	0.2	12.2
October .....	60.7	0.1	44.1	4.9	0.1	0.3	22.8	3.3	26.1	0.3	10.9
November .....	59.7	0.1	45.4	3.5	0.1	0.4	21.2	3.4	24.6	0.5	11.3
December .....	60.4	0.1	45.8	4.1	0.2	0.4	19.3	3.1	22.4	0.4	11.7
<b>2001</b> .....	<b>62.2</b>	<b>0.1</b>	<b>49.6</b>	<b>3.6</b>	<b>0.2</b>	<b>0.3</b>	<b>23.0</b>	<b>3.0</b>	<b>26.0</b>	<b>0.4</b>	<b>14.9</b>
<b>2002</b>											
January .....	60.4	0.1	45.7	3.3	0.2	0.5	20.1	3.2	23.3	0.5	10.7
February .....	64.0	0.1	45.9	2.9	0.2	0.4	20.7	3.3	24.0	0.5	10.9
March .....	62.8	0.1	49.2	2.7	0.1	0.4	20.4	2.9	23.3	0.4	10.1
April .....	64.4	0.1	50.0	3.1	0.1	0.2	21.6	2.8	24.4	0.3	10.0
May .....	64.5	0.2	48.7	2.5	0.1	0.2	21.2	2.8	24.0	0.2	9.2
June .....	64.7	0.2	50.5	2.9	0.0	0.2	18.9	2.8	21.7	0.3	9.7
July .....	64.4	0.1	53.1	2.2	0.1	0.2	18.7	2.8	21.5	0.4	9.3

NA = Not available.

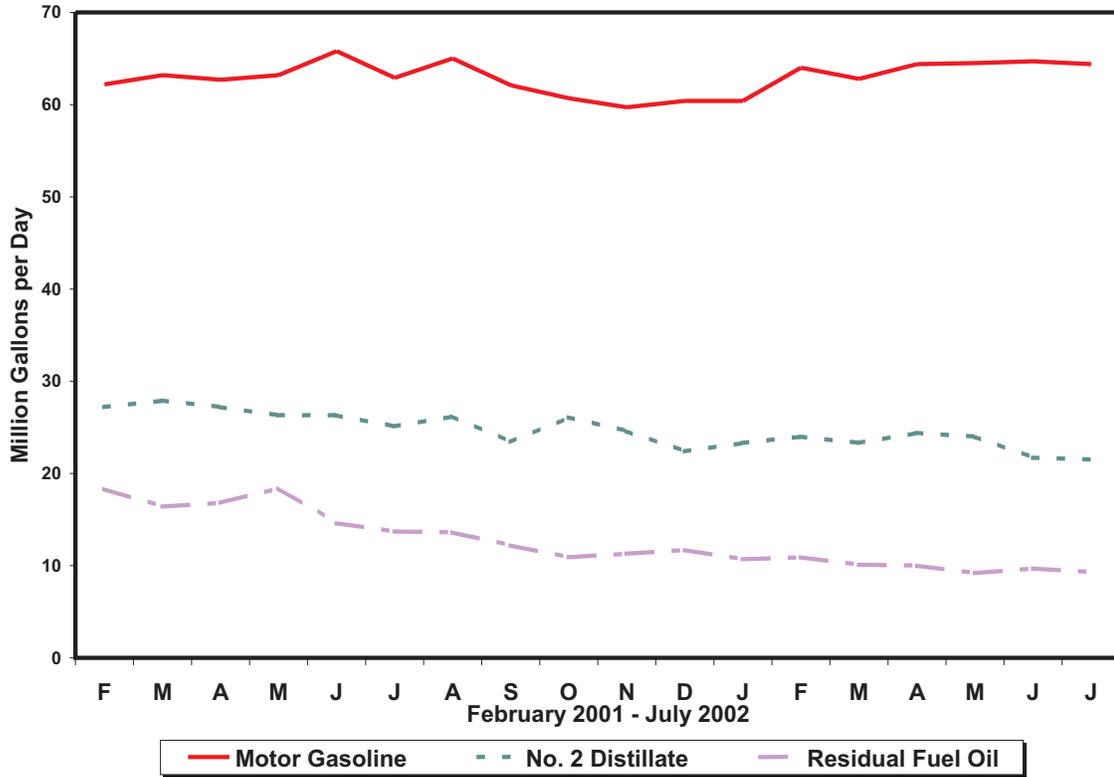
<sup>a</sup> Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: Motor gasoline averages and totals prior to October 1993 include leaded gasoline.

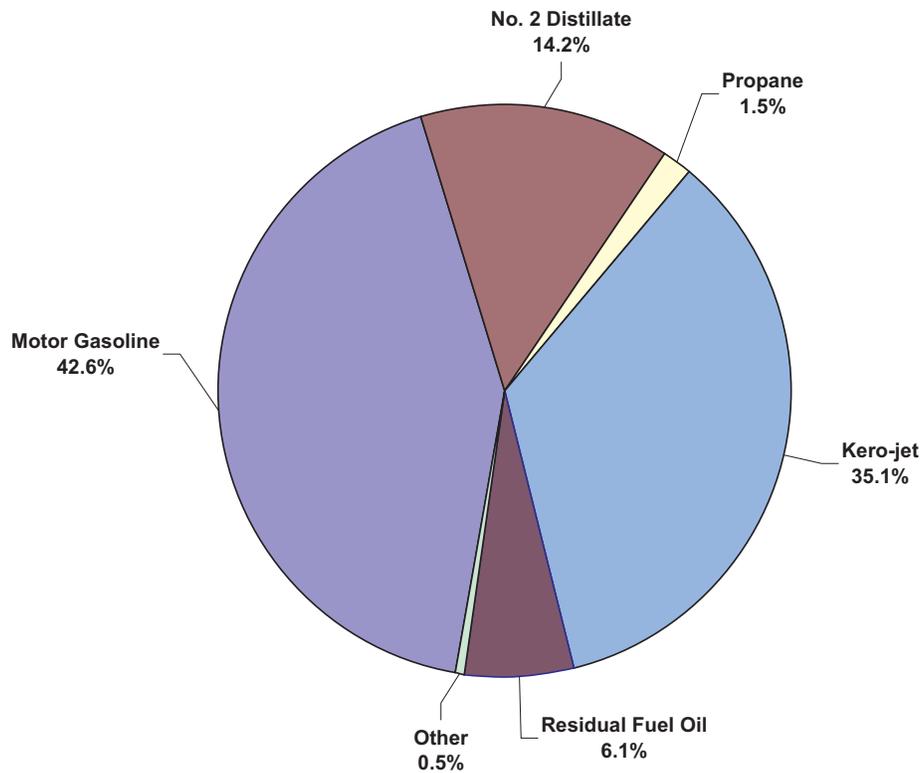
Notes: Values shown for the current month are preliminary. Values shown for previous months are revised. Data are final upon publication in the *Petroleum Marketing Annual*. Totals may not equal the sum of the components due to rounding.

Source: Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

**Figure 3. U.S. Refiner Retail Petroleum Product Volumes**



**Percentages of Refiner Retail Volumes**



Source: Energy Information Administration, Form EIA--782A, "Refiners' /Gas Plant Operators' Monthly Petroleum Product Sales Report."

**Table 4. U.S. Refiner Prices of Petroleum Products for Resale**  
(Cents per Gallon Excluding Taxes)

Year Month	Motor Gasoline	Aviation Gasoline	Kerosene- Type Jet Fuel	Propane (Consumer Grade)	Kerosene	No. 1 Distillate	No. 2 Distillate			No. 4 Fuel <sup>a</sup>	Residual Fuel Oil
							No. 2 Diesel Fuel	No. 2 Fuel Oil	Average		
1978	43.4	53.7	38.6	23.7	40.4	40.6	36.5	36.9	36.7	30.5	26.3
1979	63.7	72.1	66.0	29.1	62.4	58.3	57.4	56.9	57.1	47.0	39.9
1980	94.1	112.8	86.8	41.5	86.4	88.0	80.1	80.3	80.2	67.0	52.8
1981	106.4	125.0	101.2	46.6	106.6	107.1	97.2	97.6	97.4	78.3	66.3
1982	97.3	122.8	95.3	42.7	101.8	103.8	91.4	91.4	91.4	73.7	61.2
1983	88.2	117.8	85.4	48.4	89.2	89.6	80.8	81.5	81.2	72.6	60.9
1984	83.2	116.5	83.0	45.0	91.6	89.2	80.3	82.1	81.3	70.7	65.4
1985	83.5	113.0	79.4	39.8	87.4	86.3	77.2	77.6	77.4	67.2	57.7
1986	53.1	91.2	49.5	29.0	60.6	57.9	45.2	48.6	47.0	40.9	30.5
1987	58.9	85.9	53.8	25.2	59.2	59.9	53.4	52.7	53.1	46.2	38.5
1988	57.7	85.0	49.5	24.0	54.9	54.9	47.3	47.3	47.3	42.5	30.0
1989	65.4	95.0	58.3	24.7	66.9	66.8	56.7	56.5	56.6	48.0	36.0
1990	78.6	106.3	77.3	38.6	83.9	83.8	69.4	69.7	69.5	59.0	41.3
1991	69.9	100.1	65.0	34.9	72.3	73.0	61.5	62.2	61.8	55.6	31.4
1992	67.7	99.1	60.5	32.8	63.2	65.2	59.1	57.9	58.5	49.5	30.8
1993	62.6	96.5	57.7	35.1	60.4	64.6	57.0	54.4	55.9	48.8	29.3
1994	59.9	93.3	53.4	32.4	61.8	61.5	52.9	50.6	52.2	46.2	31.7
1995	62.6	97.5	53.9	34.4	58.0	62.5	53.8	51.1	53.0	46.3	36.3
1996	71.3	105.5	64.6	46.1	71.4	75.1	65.9	63.9	65.3	60.3	42.0
1997	70.0	106.5	61.3	41.6	65.3	72.3	60.6	59.0	60.2	55.1	38.7
1998	52.6	91.2	45.0	28.8	46.5	51.3	44.4	42.2	43.9	38.3	28.0
1999	64.5	100.7	53.3	34.2	55.0	63.4	54.6	49.3	53.6	43.0	35.4
<b>2000</b>											
January	78.6	111.5	80.4	49.4	97.9	86.5	77.7	84.1	79.4	76.1	49.0
February	88.4	119.8	83.6	60.2	101.2	94.2	85.2	92.4	87.1	80.9	53.9
March	98.9	130.3	83.4	52.9	84.4	94.9	85.1	79.6	84.0	71.8	51.9
April	88.5	125.5	77.4	48.8	76.7	87.3	79.9	76.4	79.3	63.2	48.2
May	97.9	130.8	77.9	49.3	77.6	89.0	81.4	78.4	80.9	69.1	54.9
June	109.3	141.9	79.9	53.9	80.0	90.2	82.4	80.3	82.1	74.9	60.0
July	99.3	138.8	83.6	54.8	83.1	89.8	83.6	81.0	83.2	71.6	58.9
August	96.9	133.8	87.9	60.3	89.8	100.8	92.1	88.3	91.5	68.9	53.9
September	104.8	142.5	105.1	65.9	107.7	113.3	105.0	100.9	104.4	85.4	64.5
October	102.2	138.1	104.4	64.3	108.1	116.2	104.0	98.8	103.1	91.2	63.8
November	100.2	137.6	105.1	63.3	112.8	114.0	103.2	100.4	102.6	90.1	61.3
December	87.9	128.3	99.0	76.7	105.8	107.8	93.8	94.1	93.9	82.2	57.9
2000	96.3	133.0	88.0	59.5	96.9	101.9	89.8	88.6	89.6	77.8	56.6
<b>2001</b>											
January	94.2	131.0	88.2	86.4	107.3	109.9	90.7	90.3	90.6	81.5	55.6
February	93.9	131.9	86.8	66.9	93.4	97.8	85.8	82.5	85.0	78.0	54.9
March	91.0	129.3	80.5	60.1	83.6	90.2	78.1	76.3	77.7	71.2	51.4
April	106.4	140.5	79.5	58.6	83.0	96.3	82.6	79.2	81.9	69.4	48.0
May	115.5	147.8	83.5	56.2	86.6	105.3	89.8	82.7	88.8	64.6	49.8
June	98.7	135.0	82.6	48.7	83.3	97.2	85.3	79.3	84.5	60.2	47.9
July	84.3	120.9	75.9	43.6	75.4	86.0	75.5	72.8	75.1	57.2	46.3
August	90.7	125.9	77.6	45.6	81.3	94.0	80.8	77.0	80.3	58.2	45.7
September	94.1	132.8	80.7	46.4	80.1	99.5	84.1	79.0	83.4	65.6	48.9
October	74.2	112.1	68.5	46.1	74.5	85.1	71.4	68.5	71.0	63.4	42.4
November	63.4	100.5	61.9	41.6	63.5	73.2	61.6	60.6	61.4	59.0	36.9
December	58.4	94.9	55.3	38.1	58.6	64.2	54.7	56.6	55.2	56.3	36.2
2001	88.6	125.9	76.3	54.1	82.4	88.7	78.4	75.6	77.9	69.7	47.1
<b>2002</b>											
January	61.1	96.5	57.3	37.6	62.1	63.2	54.6	57.5	55.4	56.0	38.5
February	62.7	98.5	57.4	36.6	60.9	63.0	56.8	57.7	57.0	54.4	36.6
March	78.1	103.2	64.2	39.9	69.2	71.9	66.7	64.6	66.2	60.7	43.8
April	86.8	116.5	69.5	41.7	69.9	80.0	70.9	68.3	70.4	66.6	51.1
May	85.9	114.4	69.6	40.8	71.1	79.6	70.6	68.4	70.3	64.5	54.5
June	85.6	116.7	67.9	37.9	69.4	77.1	68.2	65.8	67.8	61.3	53.3
July	87.8	118.9	71.5	37.5	73.4	76.3	71.0	68.7	70.7	60.9	53.8

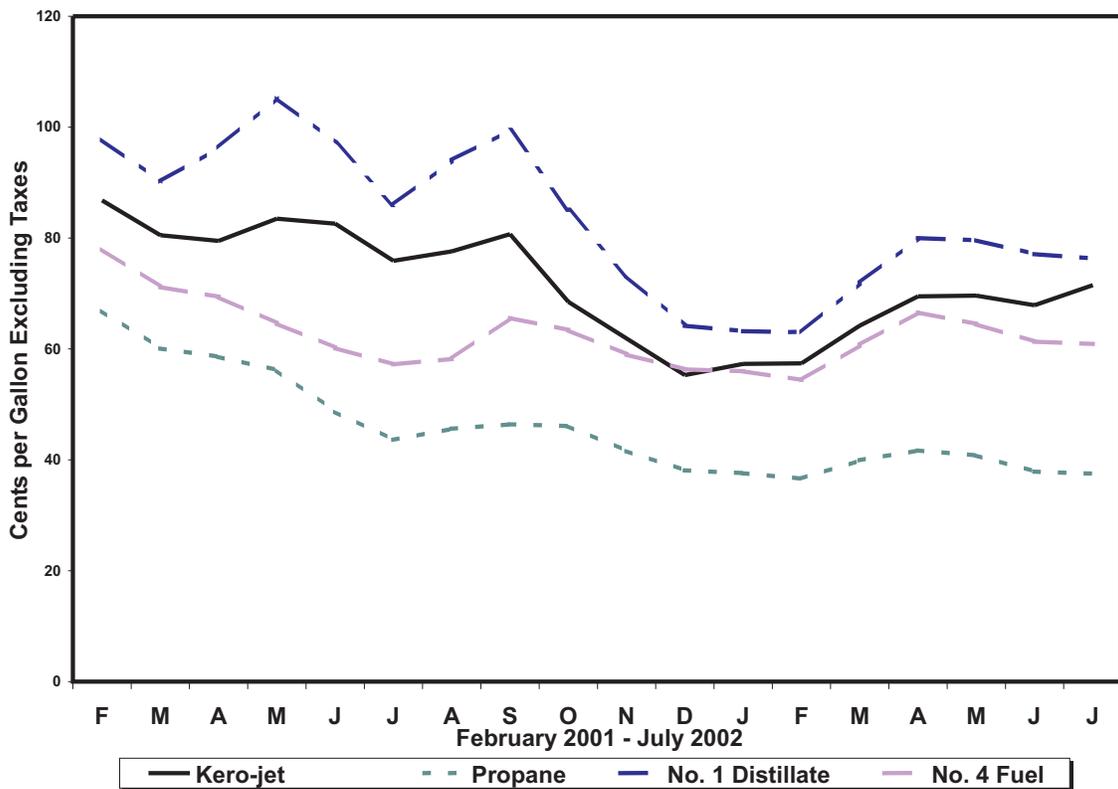
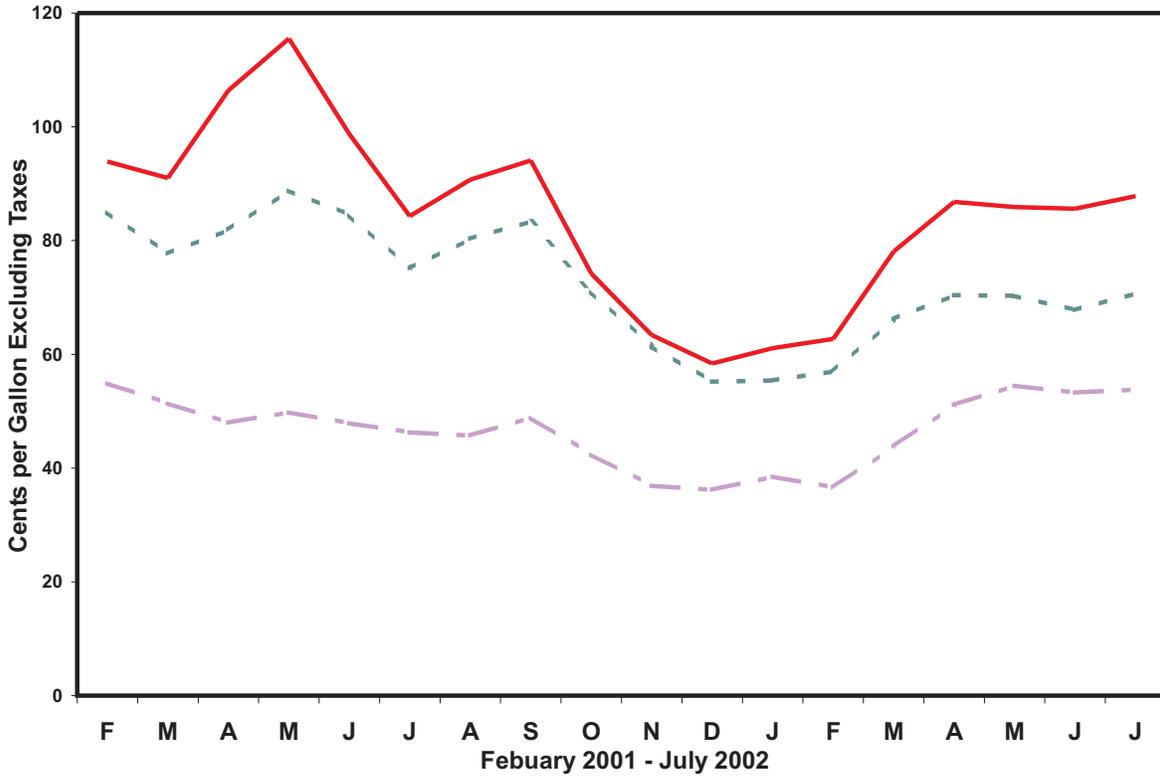
<sup>a</sup> Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: Motor gasoline averages and totals prior to October 1993 include leaded gasoline.

Notes: Values shown for the current month are preliminary. Values shown for previous months are revised. Data are final upon publication in the *Petroleum Marketing Annual*.

Sources: Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report," January 1983 forward; Form EIA-460, "Petroleum Industry Monthly Report for Product Prices," source for backcast estimates prior to January 1983.

**Figure 4. U.S. Refiner Wholesale Petroleum Product Prices**



Source: Energy Information Administration, Form EIA-782A, "Refiners' / Gas Plant Operators' Monthly Petroleum Product Sales Report."

**Table 5. U.S. Refiner Volumes of Petroleum Products for Resale**  
(Million Gallons per Day)

Year Month	Motor Gasoline	Aviation Gasoline	Kerosene- Type Jet Fuel	Propane (Consumer Grade)	Kerosene	No. 1 Distillate	No. 2 Distillate			No. 4 Fuel <sup>a</sup>	Residual Fuel Oil
							No. 2 Diesel Fuel	No. 2 Fuel Oil	Total		
1983	242.5	0.7	5.4	26.0	2.5	2.4	38.1	47.3	85.5	0.9	20.2
1984	246.3	0.8	6.6	26.7	2.2	2.6	42.8	51.4	94.2	1.7	21.3
1985	256.9	0.7	7.6	29.2	2.4	2.7	43.3	53.9	97.3	1.2	19.9
1986	257.2	0.7	9.2	26.3	2.4	2.5	46.4	53.8	100.3	1.2	18.6
1987	257.2	0.8	10.1	27.0	2.3	2.0	44.3	49.3	93.6	1.5	16.9
1988	263.7	0.7	10.0	27.7	2.7	2.6	47.8	50.1	97.9	1.2	18.9
1989	260.7	0.7	8.6	25.9	2.7	2.7	50.7	46.7	97.5	1.2	21.0
1990	264.8	0.7	8.8	25.5	2.2	2.4	51.9	45.9	97.8	0.8	17.9
1991	261.3	0.7	8.7	25.4	2.1	2.4	51.5	46.9	98.3	0.4	17.8
1992	265.4	0.7	8.0	26.7	2.2	2.3	50.8	48.9	99.7	0.4	15.2
1993	266.9	0.6	8.3	27.9	2.3	2.3	58.0	43.6	101.7	0.4	12.6
1994	276.7	0.7	9.1	28.4	2.5	1.9	72.4	32.9	105.3	0.4	12.8
1995	288.8	0.6	9.9	30.6	2.4	1.7	75.9	31.0	106.9	0.3	13.6
1996	293.6	0.6	11.5	32.9	2.7	1.8	83.7	33.1	116.8	0.3	13.8
1997	292.7	0.6	11.3	32.2	2.5	1.6	88.7	31.2	119.9	0.2	11.5
1998	300.4	0.6	12.2	32.7	2.2	1.4	91.9	27.3	119.2	0.1	15.4
1999	306.9	0.7	15.2	33.6	2.4	1.7	95.5	24.3	119.9	0.2	11.5
<b>2000</b>											
January	269.6	0.4	16.9	44.8	4.3	3.4	82.4	30.8	113.2	0.2	8.8
February	294.0	0.5	17.1	38.7	3.4	2.5	90.0	31.0	120.9	0.3	10.5
March	296.6	0.6	16.7	31.7	1.5	0.7	99.7	25.3	125.0	0.2	10.6
April	304.6	0.5	16.1	26.0	1.8	0.4	95.1	20.0	115.1	0.2	12.6
May	316.9	0.7	18.6	24.1	1.4	0.3	100.4	18.3	118.8	0.1	9.9
June	326.9	0.7	16.2	29.8	1.3	0.3	106.5	16.3	122.8	0.1	11.5
July	317.7	0.8	16.9	27.7	1.2	0.3	97.8	15.8	113.6	NA	9.1
August	321.5	0.8	15.9	33.3	2.1	0.5	107.6	21.5	129.1	0.1	10.2
September	302.5	0.7	14.9	31.5	2.3	0.8	104.3	19.5	123.8	0.1	11.5
October	298.7	0.6	12.9	36.9	2.0	1.2	106.2	22.0	128.3	0.1	10.8
November	299.5	0.5	12.5	41.3	2.5	3.3	98.6	25.6	124.2	0.2	10.0
December	304.1	0.4	14.2	52.0	3.7	4.6	96.1	33.9	130.0	0.3	10.2
2000	304.4	0.6	15.7	34.8	2.3	1.5	98.8	23.3	122.1	0.2	10.5
<b>2001</b>											
January	268.2	0.4	13.9	50.8	4.1	3.5	95.7	36.7	132.4	0.3	10.3
February	289.3	0.4	13.2	39.8	2.9	2.9	96.2	33.9	130.1	0.2	11.4
March	297.8	0.5	12.9	36.2	2.2	1.1	103.1	28.5	131.6	0.2	10.5
April	303.9	0.6	12.1	24.8	1.2	0.4	100.7	23.9	124.7	0.1	9.2
May	304.8	0.7	13.0	24.3	1.1	0.2	99.7	17.4	117.2	0.1	10.7
June	314.6	0.8	12.1	27.1	1.0	0.2	102.4	15.9	118.3	0.1	10.7
July	316.9	0.8	13.5	30.2	1.8	0.2	102.2	18.4	120.7	0.1	12.0
August	325.0	0.8	13.8	30.9	1.5	0.4	110.3	17.2	127.5	0.1	9.5
September	300.4	0.6	13.1	31.5	2.3	0.6	104.3	18.0	122.3	0.1	7.4
October	307.0	0.6	12.2	38.2	2.0	1.4	109.0	20.9	129.9	0.1	9.0
November	297.5	0.5	16.3	38.8	2.1	2.4	100.1	24.0	124.1	0.1	8.8
December	302.2	0.4	13.8	47.5	2.8	3.1	92.0	29.7	121.8	0.1	10.6
2001	302.4	0.6	13.3	35.0	2.1	1.4	101.4	23.7	125.0	0.1	10.0
<b>2002</b>											
January	292.6	0.5	10.5	43.2	3.2	2.9	98.6	33.9	132.5	0.1	8.6
February	293.8	0.5	13.5	38.5	2.9	2.3	92.8	31.0	123.8	0.1	7.9
March	299.8	0.7	13.9	33.9	1.5	1.4	90.2	27.1	117.3	0.1	8.5
April	315.7	0.8	12.1	28.2	1.5	0.4	102.4	20.5	122.9	0.1	10.9
May	325.5	0.8	10.4	26.1	1.1	0.2	104.0	18.3	122.3	0.0	9.9
June	324.4	0.5	9.5	29.3	0.9	0.2	103.2	17.0	120.2	0.0	9.8
July	327.0	0.8	12.5	25.0	1.0	0.3	102.9	17.9	120.8	0.0	8.8

NA = Not available.

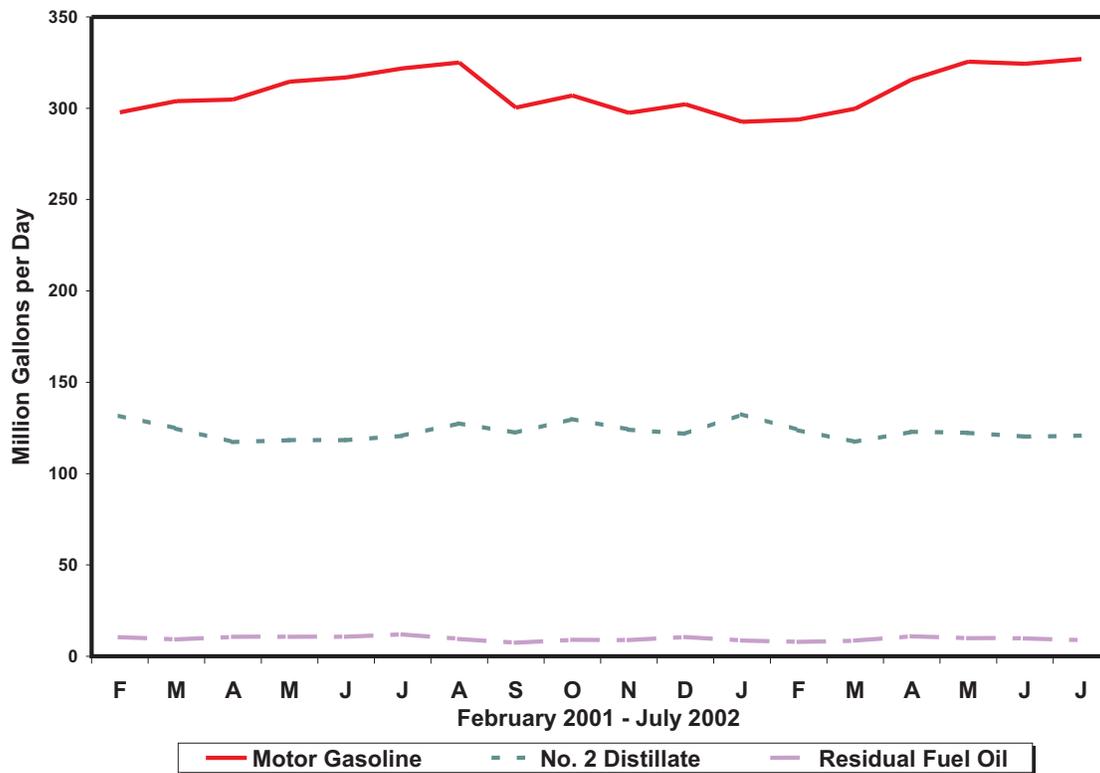
<sup>a</sup> Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: Motor gasoline averages and totals prior to October 1993 include leaded gasoline.

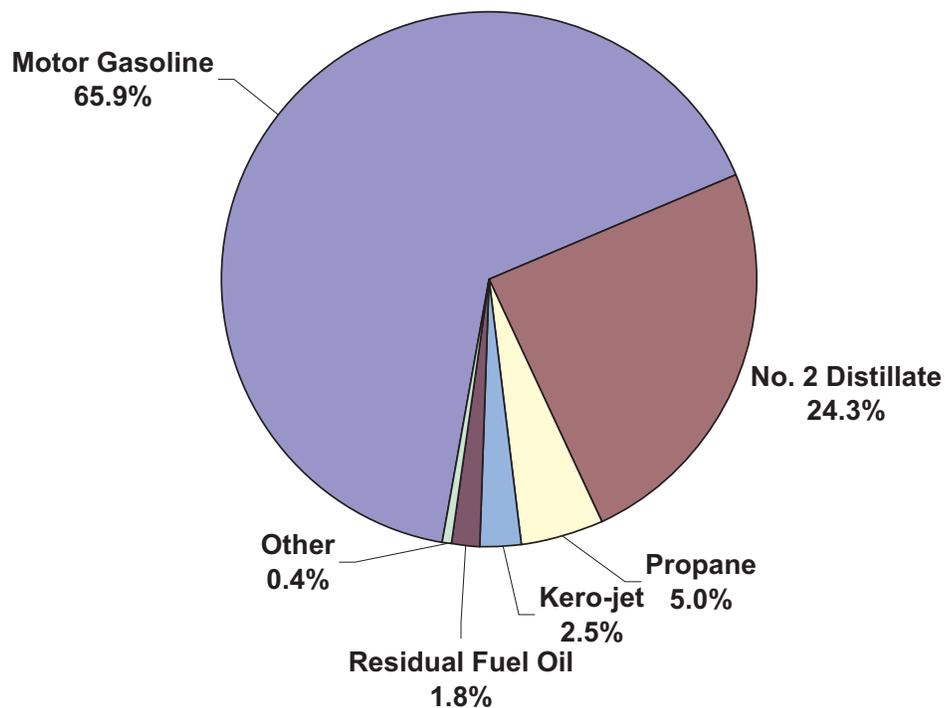
Notes: Values shown for the current month are preliminary. Values shown for previous months are revised. Data are final upon publication in the *Petroleum Marketing Annual*.

Source: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report."

**Figure 5. U.S. Refiner Wholesale Petroleum Product Volumes**



**Percentages of Refiner Wholesale Volumes**



Source: Energy Information Administration, Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

**Table 6. U.S. Refiner Motor Gasoline Prices by Grade and Sales Type**  
(Cents per Gallon Excluding Taxes)

Year Month	Regular						Midgrade					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average <sup>a</sup>	DTW	Rack	Bulk	Average	Through Retail Outlets	Average <sup>a</sup>	DTW	Rack	Bulk	Average
1983	98.0	97.0	-	-	-	89.5	-	-	-	-	-	-
1984	92.2	91.4	-	-	-	84.2	-	-	-	-	-	-
1985	92.5	91.7	-	-	-	84.3	-	-	-	-	-	-
1986	62.4	61.6	-	-	-	52.2	-	-	-	-	-	-
1987	65.9	65.0	-	-	-	56.9	-	-	-	-	-	-
1988	64.9	64.1	-	-	-	54.8	-	-	-	-	-	-
1989	72.0	71.4	-	-	-	61.8	79.6	79.3	-	-	-	68.6
1990	85.3	84.9	-	-	-	75.8	92.3	92.1	-	-	-	81.4
1991	76.4	76.1	-	-	-	67.2	84.7	84.3	-	-	-	73.3
1992	74.6	74.3	-	-	-	64.5	83.1	82.7	-	-	-	70.8
1993	71.6	71.2	-	-	-	59.3	81.0	80.5	-	-	-	66.0
1994	69.5	68.9	64.6	54.7	50.2	56.6	79.1	78.5	70.4	58.4	NA	63.8
1995	72.3	71.7	68.2	57.6	53.4	59.3	81.3	80.8	73.7	61.9	NA	67.0
1996	81.2	80.7	77.0	67.2	62.2	68.5	90.1	89.6	82.4	70.9	NA	75.9
1997	80.3	79.8	76.4	65.6	61.5	67.3	89.8	89.5	82.2	69.4	71.1	74.9
1998	63.4	63.0	59.6	48.1	44.9	49.9	73.1	72.8	65.5	52.1	NA	57.6
1999	74.7	74.2	73.0	60.5	54.2	62.0	83.8	83.5	78.4	63.9	NA	69.6
<b>2000</b>												
January	88.2	87.8	82.7	75.7	69.5	76.2	98.0	97.8	89.3	79.6	-	83.4
February	95.6	95.2	89.4	86.5	80.1	86.3	104.9	104.7	96.1	90.2	-	92.5
March	110.4	109.8	106.9	94.9	89.0	96.7	120.2	119.8	112.9	98.9	-	104.3
April	105.7	105.0	104.9	82.4	77.8	86.0	116.2	115.7	111.0	86.2	-	95.6
May	107.4	106.9	103.2	95.2	87.2	95.6	116.9	116.6	110.2	99.0	-	103.2
June	119.0	118.5	111.0	108.8	98.0	107.5	126.9	126.6	118.0	111.3	-	113.8
July	114.2	113.7	110.3	94.5	90.8	96.9	124.3	124.0	116.6	98.3	-	105.2
August	107.0	106.6	104.5	92.7	89.8	94.6	117.7	117.4	110.5	96.5	-	101.7
September	114.5	114.2	111.8	101.0	97.2	102.8	124.0	123.8	117.2	104.4	-	109.4
October	112.6	112.2	111.0	98.0	93.9	100.2	122.3	122.0	116.3	101.3	-	107.1
November	110.4	110.1	108.6	96.1	91.9	98.2	120.3	120.1	114.1	99.6	-	105.1
December	102.8	102.5	101.5	82.1	78.7	85.6	113.3	113.0	107.2	86.2	-	94.3
<b>2000</b>	<b>107.7</b>	<b>107.3</b>	<b>104.2</b>	<b>92.7</b>	<b>87.3</b>	<b>94.2</b>	<b>117.1</b>	<b>116.8</b>	<b>109.9</b>	<b>96.0</b>	-	<b>101.3</b>
<b>2001</b>												
January	103.3	103.0	98.5	91.2	84.1	92.0	113.0	112.7	104.9	95.7	-	99.2
February	103.1	102.9	99.5	90.1	87.5	91.7	113.1	112.9	105.9	94.5	-	98.8
March	100.3	100.1	99.5	86.3	85.0	88.8	110.7	110.5	105.5	90.5	-	96.1
April	114.4	114.2	110.7	103.7	96.7	104.2	124.3	124.1	117.7	107.8	-	111.5
May	127.4	127.0	125.6	112.2	100.7	113.4	137.0	136.7	132.8	115.7	-	122.0
June	117.3	116.9	120.1	91.6	86.9	96.3	128.7	128.3	127.2	95.0	-	106.3
July	99.5	99.0	104.7	77.3	74.0	81.7	111.3	110.8	111.7	81.5	-	91.9
August	99.4	99.1	96.1	89.0	77.4	88.6	109.1	108.7	103.6	92.3	-	96.2
September	106.1	105.8	100.3	92.0	81.4	92.1	116.1	115.8	107.5	95.2	-	99.9
October	86.4	86.0	86.3	68.9	66.1	71.9	97.6	97.3	93.5	72.7	-	80.6
November	73.3	73.1	71.4	59.1	55.8	61.2	83.5	83.3	78.3	63.2	-	69.0
December	64.9	64.8	59.2	56.2	53.2	56.4	74.6	74.4	65.9	60.1	-	62.4
<b>2001</b>	<b>100.0</b>	<b>99.7</b>	<b>97.7</b>	<b>84.9</b>	<b>78.6</b>	<b>86.5</b>	<b>110.2</b>	<b>109.9</b>	<b>104.2</b>	<b>88.8</b>	-	<b>94.5</b>
<b>2002</b>												
January	67.3	67.2	62.6	58.8	55.3	59.1	76.8	76.6	70.1	62.8	-	65.7
February	68.4	68.3	65.4	59.8	56.9	60.6	77.9	77.7	73.8	63.6	-	67.5
March	84.2	84.0	80.8	76.2	68.2	76.1	93.5	93.3	90.0	80.2	-	83.9
April	97.3	97.0	94.6	83.9	75.4	84.6	107.4	107.1	104.1	88.1	-	94.0
May	96.7	96.4	94.5	83.0	74.5	83.6	106.8	106.5	103.5	86.5	-	92.6
June	95.8	95.6	94.9	82.5	74.0	83.3	105.7	105.5	103.7	86.0	-	92.4
July	97.1	96.8	95.5	85.2	76.3	85.5	107.1	106.8	104.0	89.0	-	94.2

See footnotes at end of table.

**Table 6. U.S. Refiner Motor Gasoline Prices by Grade and Sales Type**  
(Cents per Gallon Excluding Taxes) — Continued

Year Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average <sup>a</sup>	DTW	Rack	Bulk	Average	Through Retail Outlets	Average <sup>a</sup>	DTW	Rack	Bulk	Average
1983	108.0	105.7	-	-	-	96.4	96.4	95.4	-	-	-	88.2
1984	102.1	101.5	-	-	-	91.6	91.4	90.7	-	-	-	83.2
1985	103.0	102.3	-	-	-	92.2	92.1	91.2	-	-	-	83.5
1986	74.8	73.7	-	-	-	61.0	63.2	62.4	-	-	-	53.1
1987	79.0	78.4	-	-	-	67.1	67.8	66.9	-	-	-	58.9
1988	79.4	78.8	-	-	-	67.2	68.1	67.3	-	-	-	57.7
1989	87.4	86.8	-	-	-	74.9	76.3	75.6	-	-	-	65.4
1990	99.0	98.5	-	-	-	87.4	88.8	88.3	-	-	-	78.6
1991	91.2	90.7	-	-	-	79.2	80.0	79.7	-	-	-	69.9
1992	92.0	91.4	-	-	-	77.4	79.2	78.7	-	-	-	67.7
1993	89.6	88.9	-	-	-	72.2	76.5	75.9	-	-	-	62.6
1994	87.3	86.5	78.7	64.0	55.6	69.5	74.4	73.8	69.3	56.7	50.9	59.9
1995	89.7	89.0	82.2	67.3	58.3	72.2	77.1	76.5	72.9	59.8	54.0	62.6
1996	97.9	97.2	89.7	76.2	66.9	80.3	85.3	84.7	80.9	69.0	62.7	71.3
1997	97.9	97.3	89.5	74.9	65.8	79.2	84.4	83.9	80.3	67.4	62.0	70.0
1998	81.1	80.5	72.6	57.3	48.9	61.7	67.8	67.3	63.6	50.0	45.4	52.6
1999	91.2	90.6	85.1	68.7	58.5	72.6	78.5	78.1	76.5	62.1	54.9	64.5
<b>2000</b>												
January	106.0	105.4	96.9	85.0	73.6	87.4	92.1	91.7	86.6	77.3	70.2	78.6
February	112.5	111.8	103.5	95.4	82.5	96.2	99.1	98.7	93.1	88.0	80.5	88.4
March	127.8	126.9	119.9	104.3	94.0	108.7	113.7	113.1	110.0	96.3	89.5	98.9
April	124.6	123.6	118.3	92.1	83.4	99.5	109.4	108.7	108.2	83.9	78.3	88.5
May	125.2	124.4	117.3	105.3	95.7	107.8	110.8	110.3	106.8	96.8	88.3	97.9
June	133.9	133.1	124.9	117.0	104.8	117.8	121.8	121.3	114.4	109.9	98.9	109.3
July	132.8	132.1	124.9	105.0	101.1	110.4	117.7	117.3	113.7	96.0	92.0	99.3
August	126.3	125.6	119.0	103.0	99.2	107.3	110.8	110.3	107.9	94.2	91.0	96.9
September	131.8	130.8	124.4	110.4	102.8	113.9	117.8	117.5	114.8	102.4	98.0	104.8
October	130.3	129.0	123.7	107.1	95.6	111.0	116.0	115.5	113.9	99.3	94.1	102.2
November	128.3	127.2	121.6	105.3	93.2	109.1	113.9	113.5	111.7	97.5	92.0	100.2
December	121.6	120.9	115.2	91.2	79.4	97.9	106.6	106.3	104.8	83.6	78.8	87.9
<b>2000</b>	<b>125.0</b>	<b>124.2</b>	<b>117.4</b>	<b>101.7</b>	<b>92.7</b>	<b>105.5</b>	<b>111.1</b>	<b>110.6</b>	<b>107.4</b>	<b>94.0</b>	<b>87.9</b>	<b>96.3</b>
<b>2001</b>												
January	122.5	121.8	112.5	100.5	89.5	103.8	107.0	106.6	101.9	92.7	84.6	94.2
February	122.8	122.2	113.4	99.9	92.1	103.6	106.9	106.6	102.9	91.6	88.0	93.9
March	119.3	118.8	113.0	96.3	91.4	101.1	104.0	103.8	102.7	87.8	85.7	91.0
April	132.5	131.8	124.3	114.0	113.5	117.2	117.8	117.6	114.0	105.1	98.2	106.4
May	145.2	144.3	139.4	121.5	106.2	125.5	130.5	130.1	128.8	113.5	101.3	115.5
June	137.6	136.7	134.7	101.6	92.8	110.7	121.0	120.5	123.4	92.9	87.4	98.7
July	120.6	119.9	120.4	87.6	80.0	96.2	103.5	103.0	108.3	78.9	74.5	84.3
August	118.3	117.7	111.3	97.7	86.0	100.6	102.9	102.5	99.8	90.3	78.2	90.7
September	124.1	123.6	113.8	100.6	88.1	103.5	109.5	109.2	103.5	93.2	82.0	94.1
October	106.5	105.9	100.5	78.6	68.9	84.1	90.3	89.9	89.8	70.4	66.5	74.2
November	92.2	91.7	86.2	68.6	56.2	72.9	77.1	76.8	75.1	60.6	55.9	63.4
December	83.0	82.6	74.3	65.8	55.1	67.4	68.6	68.4	62.9	57.8	53.4	58.4
<b>2001</b>	<b>118.0</b>	<b>117.4</b>	<b>111.2</b>	<b>93.7</b>	<b>83.5</b>	<b>98.2</b>	<b>103.5</b>	<b>103.2</b>	<b>101.0</b>	<b>86.2</b>	<b>79.1</b>	<b>88.6</b>
<b>2002</b>												
January	84.5	84.2	76.8	68.6	59.3	70.3	70.8	70.7	66.1	60.3	55.7	61.1
February	85.6	85.3	78.7	69.4	61.0	71.8	71.9	71.8	68.9	61.3	57.3	62.7
March	100.9	100.3	93.5	85.6	78.2	87.6	87.5	87.3	84.1	77.7	69.0	78.1
April	115.4	114.7	108.5	94.2	85.1	97.5	100.7	100.4	98.1	85.4	76.4	86.8
May	115.4	114.7	109.1	93.0	81.7	96.6	100.3	99.9	98.2	84.4	75.1	85.9
June	114.4	113.8	109.0	92.3	79.8	95.9	99.4	99.1	98.5	84.0	74.5	85.6
July	115.3	114.7	109.5	95.1	85.0	98.2	100.6	100.3	99.1	86.7	77.1	87.8

Dash (-) = No data reported.

NA = Not available.

<sup>a</sup> Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: Data for the 4th quarter of 1993 were derived from two separate survey systems. The DTW, Rack, and Bulk components were derived from the revised EIA-782 survey system, while the End-Use and Average Resale categories were derived from the predecessor EIA-782 survey system. Therefore, the DTW, Rack, and Bulk components are not consistent with the Average Resale category. Beginning January 1994, all data are from the revised EIA-782 survey system and are consistent.

Notes: Motor gasoline averages and totals prior to October 1993 include leaded gasoline.

Notes: Values shown for the current month are preliminary. Values shown for previous months are revised. Data are final upon publication in the *Petroleum Marketing Annual*.

Source: Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

**Table 7. U.S. Refiner Motor Gasoline Volumes by Grade and Sales Type**  
(Million Gallons per Day)

Year Month	Regular						Midgrade					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total <sup>a</sup>	DTW	Rack	Bulk	Total	Through Retail Outlets	Total <sup>a</sup>	DTW	Rack	Bulk	Total
1983	20.0	23.5	-	-	-	98.3	-	-	-	-	-	-
1984	24.3	27.8	-	-	-	106.8	-	-	-	-	-	-
1985	26.2	29.9	-	-	-	119.7	-	-	-	-	-	-
1986	30.9	34.7	-	-	-	127.0	-	-	-	-	-	-
1987	32.7	36.1	-	-	-	141.9	-	-	-	-	-	-
1988	34.2	37.3	-	-	-	153.6	-	-	-	-	-	-
1989	34.3	36.8	-	-	-	155.7	4.9	5.1	-	-	-	16.4
1990	36.7	38.8	-	-	-	174.5	7.4	7.6	-	-	-	23.1
1991	38.4	40.4	-	-	-	180.9	7.9	8.2	-	-	-	23.7
1992	36.5	38.4	-	-	-	182.2	8.9	9.2	-	-	-	27.5
1993	35.6	37.2	-	-	-	184.0	8.7	8.9	-	-	-	27.7
1994	34.3	35.9	47.7	120.3	24.3	192.3	8.5	8.7	12.8	15.7	0.2	28.7
1995	34.3	35.9	43.8	126.2	31.8	201.8	9.6	9.8	13.3	17.2	0.1	30.6
1996	37.2	38.9	46.5	131.9	35.2	213.6	9.5	9.8	12.9	16.6	NA	29.5
1997	40.5	42.4	46.2	135.7	33.9	215.8	9.7	10.0	12.1	16.3	NA	28.4
1998	41.7	43.2	44.4	138.9	37.1	220.3	10.1	10.3	11.1	16.3	NA	27.4
1999	41.6	43.0	45.6	147.5	34.5	227.6	9.9	10.1	10.5	16.1	NA	26.6
<b>2000</b>												
January	37.6	38.7	41.2	134.9	28.8	204.9	8.5	8.6	8.8	13.4	-	22.2
February	41.4	42.8	45.6	152.4	25.9	223.9	8.9	9.1	9.6	15.2	-	24.7
March	43.9	45.5	48.7	159.0	26.6	234.3	8.3	8.5	9.0	14.3	-	23.3
April	41.5	42.9	46.1	158.0	37.9	242.0	8.1	8.3	8.6	14.1	-	22.7
May	43.1	44.6	47.4	165.5	35.5	248.4	8.5	8.6	8.9	15.1	-	24.0
June	45.9	47.5	49.8	169.5	41.2	260.5	8.6	8.8	9.0	14.5	-	23.5
July	45.2	46.5	47.5	165.7	39.9	253.1	8.6	8.7	8.5	14.1	-	22.6
August	45.7	47.3	49.0	169.7	34.9	253.6	8.8	8.9	8.8	14.9	-	23.7
September	45.7	47.1	49.5	159.8	30.1	239.4	8.6	8.8	8.7	13.6	-	22.3
October	44.6	46.1	48.9	159.3	27.2	235.4	8.5	8.6	8.6	13.6	-	22.2
November	44.8	46.1	48.7	158.2	28.9	235.8	8.6	8.8	8.5	13.8	-	22.4
December	44.3	45.4	48.2	159.5	31.7	239.4	8.9	9.0	8.7	14.0	-	22.8
<b>2000</b>	<b>43.6</b>	<b>45.0</b>	<b>47.5</b>	<b>159.3</b>	<b>32.4</b>	<b>239.3</b>	<b>8.6</b>	<b>8.7</b>	<b>8.8</b>	<b>14.2</b>	<b>-</b>	<b>23.0</b>
<b>2001</b>												
January	41.8	42.9	44.7	144.9	21.7	211.3	8.2	8.4	7.8	12.6	-	20.3
February	44.6	45.9	47.5	152.5	28.1	228.1	8.7	8.8	8.2	13.6	-	21.8
March	45.5	46.7	47.9	156.7	30.1	234.7	8.8	8.9	8.2	13.6	-	21.8
April	45.6	46.9	48.5	163.8	31.0	243.2	8.5	8.6	8.0	13.4	-	21.4
May	46.9	48.2	48.7	165.8	31.9	246.5	8.2	8.4	7.6	13.1	-	20.7
June	48.7	50.0	48.0	170.9	36.2	255.1	8.6	8.7	7.4	13.6	-	21.0
July	45.9	47.2	45.7	169.2	39.8	254.7	8.3	8.4	7.2	13.6	-	20.8
August	47.3	48.7	47.6	173.8	39.3	260.7	8.5	8.7	7.4	13.8	-	21.2
September	45.4	46.7	46.5	161.4	34.2	242.1	8.0	8.2	7.7	12.5	-	20.3
October	44.2	45.5	47.1	164.0	33.1	244.2	7.8	7.9	7.9	13.0	-	20.9
November	43.1	44.3	46.3	160.0	28.1	234.5	7.7	7.9	7.9	12.7	-	20.6
December	43.3	44.4	47.9	155.2	35.1	238.2	7.9	8.1	8.1	12.5	-	20.5
<b>2001</b>	<b>45.2</b>	<b>46.4</b>	<b>47.2</b>	<b>161.6</b>	<b>32.4</b>	<b>241.2</b>	<b>8.3</b>	<b>8.4</b>	<b>7.8</b>	<b>13.2</b>	<b>-</b>	<b>20.9</b>
<b>2002</b>												
January	43.4	44.5	47.9	150.7	33.0	231.6	8.0	8.1	7.9	12.1	-	19.9
February	45.8	47.0	48.4	154.9	28.7	232.0	8.6	8.7	7.9	12.6	-	20.6
March	45.5	46.7	49.0	158.0	32.3	239.2	8.3	8.5	7.8	12.7	-	20.6
April	47.1	48.4	48.2	166.4	40.5	255.1	8.4	8.6	7.6	12.8	-	20.4
May	47.0	48.2	47.5	169.1	45.4	262.1	8.5	8.6	7.6	13.6	-	21.2
June	47.2	48.2	47.9	167.3	45.3	260.6	8.5	8.6	7.6	13.4	-	21.0
July	47.0	48.1	46.4	172.0	43.5	261.9	8.4	8.6	7.5	14.3	-	21.7

See footnotes at end of table.

**Table 7. U.S. Refiner Motor Gasoline Volumes by Grade and Sales Type**  
(Million Gallons per Day) — Continued

Year Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total <sup>a</sup>	DTW	Rack	Bulk	Total	Through Retail Outlets	Total <sup>a</sup>	DTW	Rack	Bulk	Total
1983	5.0	6.2	-	-	-	28.7	42.3	51.1	-	-	-	242.5
1984	8.5	9.2	-	-	-	33.7	50.3	57.6	-	-	-	246.3
1985	9.2	10.0	-	-	-	38.0	50.5	57.5	-	-	-	256.9
1986	9.0	9.8	-	-	-	45.1	54.2	61.2	-	-	-	257.2
1987	11.2	11.6	-	-	-	53.0	55.7	61.0	-	-	-	257.2
1988	13.8	14.5	-	-	-	62.4	56.7	61.0	-	-	-	263.7
1989	13.5	14.2	-	-	-	60.8	57.5	61.2	-	-	-	260.7
1990	11.2	11.7	-	-	-	53.7	57.4	60.3	-	-	-	264.8
1991	10.5	10.9	-	-	-	48.3	58.4	61.2	-	-	-	261.3
1992	10.3	10.7	-	-	-	51.7	56.4	59.0	-	-	-	265.4
1993	10.3	10.6	-	-	-	52.8	54.9	57.2	-	-	-	266.9
1994	10.0	10.3	22.6	29.9	3.2	55.7	52.8	55.0	83.1	165.9	27.7	276.7
1995	9.8	10.2	20.8	31.5	4.2	56.4	53.7	55.9	77.9	174.8	36.0	288.8
1996	8.4	8.8	18.2	28.3	4.1	50.5	55.1	57.5	77.5	176.8	39.3	293.6
1997	8.4	8.8	16.9	27.6	4.0	48.5	58.7	61.1	75.1	179.6	38.0	292.7
1998	9.6	9.9	17.4	30.9	4.3	52.7	61.4	63.3	73.0	186.1	41.4	300.4
1999	8.7	8.9	16.1	31.0	5.7	52.7	60.2	62.0	72.2	194.6	40.2	306.9
<b>2000</b>												
January	6.9	7.1	13.4	24.0	5.1	42.5	53.0	54.4	63.4	172.4	33.9	269.6
February	7.1	7.3	13.7	25.9	5.7	45.3	57.3	59.1	68.9	193.5	31.6	294.0
March	6.4	6.6	13.0	23.0	3.0	39.0	58.6	60.6	70.7	196.3	29.6	296.6
April	6.5	6.7	12.5	23.8	3.7	40.0	56.1	57.9	67.2	195.9	41.5	304.6
May	6.8	7.1	13.3	25.9	5.3	44.4	58.4	60.3	69.6	206.5	40.8	316.9
June	6.8	7.0	13.1	24.0	5.8	42.9	61.3	63.3	71.9	207.9	47.1	326.9
July	6.9	7.1	12.5	24.1	5.4	42.0	60.6	62.3	68.5	203.9	45.3	317.7
August	7.2	7.4	13.2	26.0	5.1	44.2	61.7	63.6	71.0	210.6	40.0	321.5
September	7.0	7.2	12.9	23.1	4.9	40.8	61.3	63.1	71.0	196.5	35.0	302.5
October	6.9	7.2	12.8	23.7	4.6	41.1	60.0	62.0	70.3	196.6	31.8	298.7
November	7.0	7.3	12.9	23.9	4.4	41.3	60.5	62.2	70.2	195.9	33.4	299.5
December	7.4	7.6	13.4	25.1	3.4	41.9	60.6	62.0	70.3	198.7	35.1	304.1
<b>2000</b>	<b>6.9</b>	<b>7.1</b>	<b>13.0</b>	<b>24.4</b>	<b>4.7</b>	<b>42.1</b>	<b>59.1</b>	<b>60.9</b>	<b>69.4</b>	<b>197.9</b>	<b>37.1</b>	<b>304.4</b>
<b>2001</b>												
January	6.6	6.9	12.2	22.2	2.2	36.5	56.7	58.2	64.7	179.7	23.9	268.2
February	7.2	7.4	12.8	23.2	3.4	39.4	60.5	62.2	68.6	189.3	31.4	289.3
March	7.4	7.6	13.0	24.5	3.8	41.2	61.6	63.2	69.1	194.8	33.8	297.8
April	6.9	7.2	12.5	23.6	3.1	39.2	61.0	62.7	69.0	200.8	34.1	303.9
May	6.4	6.7	11.5	22.6	3.5	37.6	61.5	63.2	67.8	201.5	35.4	304.8
June	6.9	7.1	11.5	23.5	3.5	38.6	64.2	65.8	66.9	208.0	39.7	314.6
July	7.1	7.3	11.8	25.6	4.0	41.4	61.3	62.9	64.6	208.5	43.8	316.9
August	7.4	7.6	12.6	26.4	4.0	43.0	63.2	65.0	67.6	214.0	43.4	325.0
September	7.0	7.2	11.6	23.2	3.2	38.0	60.5	62.1	65.8	197.2	37.4	300.4
October	7.1	7.3	12.4	25.1	4.4	41.9	59.1	60.7	67.4	202.0	37.6	307.0
November	7.4	7.6	12.9	26.2	3.4	42.5	58.3	59.7	67.1	198.9	31.6	297.5
December	7.7	7.9	13.4	25.6	4.4	43.5	58.9	60.4	69.4	193.3	39.5	302.2
<b>2001</b>	<b>7.1</b>	<b>7.3</b>	<b>12.4</b>	<b>24.3</b>	<b>3.6</b>	<b>40.3</b>	<b>60.6</b>	<b>62.2</b>	<b>67.3</b>	<b>199.0</b>	<b>36.0</b>	<b>302.4</b>
<b>2002</b>												
January	7.5	7.7	13.0	24.0	4.0	41.0	58.9	60.4	68.7	186.8	37.0	292.6
February	8.0	8.3	13.1	25.3	2.8	41.2	62.4	64.0	69.5	192.8	31.5	293.8
March	7.4	7.7	12.7	24.3	3.0	40.0	61.2	62.8	69.4	195.0	35.3	299.8
April	7.2	7.5	12.0	23.8	4.4	40.2	62.8	64.4	67.8	203.0	44.9	315.7
May	7.4	7.7	12.3	25.7	4.2	42.2	62.8	64.5	67.5	208.4	49.6	325.5
June	7.6	7.8	12.5	25.8	4.5	42.8	63.4	64.7	68.0	206.5	49.9	324.4
July	7.5	7.7	12.3	26.9	4.2	43.3	62.9	64.4	66.2	213.2	47.6	327.0

Dash (-) = No data reported.

NA = Not available.

Notes: Data for the 4th quarter of 1993 were derived from two separate survey systems. The DTW, Rack, and Bulk components were derived from the revised EIA-782 survey system, while the End-Use and Average Resale categories were derived from the predecessor EIA-782 survey system. Therefore, the DTW, Rack, and Bulk components are not consistent with the Average Resale category. Beginning January 1994, all data are from the revised EIA-782 survey system and are consistent.

Notes: Motor gasoline averages and totals prior to October 1993 include leaded gasoline.

Notes: Values shown for the current month are preliminary. Values shown for previous months are revised. Data are final upon publication in the *Petroleum Marketing Annual*. Totals may not equal the sum of the components due to rounding.

<sup>a</sup> Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Source: Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

**Table 8. U.S. Refiner Conventional Motor Gasoline Prices by Grade and Sales Type**  
(Cents per Gallon Excluding Taxes)

Year Month	Regular						Midgrade					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average <sup>a</sup>	DTW	Rack	Bulk	Average	Through Retail Outlets	Average <sup>a</sup>	DTW	Rack	Bulk	Average
<b>1994</b> .....	<b>68.7</b>	<b>68.1</b>	<b>63.6</b>	<b>54.5</b>	<b>50.0</b>	<b>55.8</b>	<b>78.4</b>	<b>77.8</b>	<b>69.4</b>	<b>NA</b>	<b>NA</b>	<b>62.7</b>
<b>1995</b> .....	<b>71.0</b>	<b>70.4</b>	<b>65.1</b>	<b>57.0</b>	<b>52.5</b>	<b>57.3</b>	<b>80.0</b>	<b>79.4</b>	<b>71.1</b>	<b>61.0</b>	<b>NA</b>	<b>63.7</b>
<b>1996</b> .....	<b>79.7</b>	<b>79.1</b>	<b>74.3</b>	<b>66.5</b>	<b>60.7</b>	<b>66.4</b>	<b>88.4</b>	<b>87.8</b>	<b>80.1</b>	<b>70.0</b>	<b>NA</b>	<b>72.6</b>
<b>1997</b> .....	<b>78.1</b>	<b>77.5</b>	<b>71.9</b>	<b>64.9</b>	<b>60.0</b>	<b>64.8</b>	<b>87.4</b>	<b>86.9</b>	<b>78.3</b>	<b>68.5</b>	<b>W</b>	<b>70.8</b>
<b>1998</b> .....	<b>61.1</b>	<b>60.6</b>	<b>55.1</b>	<b>47.3</b>	<b>43.9</b>	<b>47.3</b>	<b>70.4</b>	<b>70.0</b>	<b>61.3</b>	<b>51.1</b>	<b>W</b>	<b>53.3</b>
<b>1999</b> .....	<b>71.0</b>	<b>70.6</b>	<b>67.6</b>	<b>59.5</b>	<b>52.0</b>	<b>59.0</b>	<b>80.2</b>	<b>79.9</b>	<b>73.4</b>	<b>62.8</b>	<b>-</b>	<b>65.0</b>
<b>2000</b>												
January .....	86.9	86.4	81.5	75.1	68.4	74.6	96.4	96.1	88.5	79.0	-	80.8
February .....	94.9	94.5	89.2	86.2	78.6	85.4	104.0	103.7	96.2	89.8	-	91.0
March .....	107.2	106.6	101.8	93.7	86.5	93.5	117.0	116.6	108.2	97.6	-	99.5
April .....	100.8	100.2	96.5	80.9	75.5	81.2	111.2	110.7	103.1	84.5	-	87.8
May .....	104.4	103.9	99.1	93.6	85.0	92.7	113.9	113.5	106.0	97.4	-	99.0
June .....	118.7	118.1	112.0	107.4	96.2	105.8	125.8	125.5	116.6	109.6	-	110.9
July .....	111.2	110.7	106.1	92.9	88.1	93.0	121.4	121.0	112.1	96.3	-	99.1
August .....	102.5	102.0	97.4	90.5	83.9	90.2	113.3	112.9	104.4	94.1	-	95.8
September .....	110.3	109.9	104.8	99.3	92.1	98.8	119.7	119.4	110.5	102.5	-	103.9
October .....	108.2	107.8	102.9	96.4	90.1	96.1	117.7	117.3	108.5	99.5	-	101.0
November .....	106.0	105.7	101.6	94.6	88.3	94.3	115.2	114.9	107.3	98.1	-	99.6
December .....	97.9	97.6	94.5	80.7	76.1	81.1	107.5	107.2	100.6	84.5	-	87.3
<b>2000</b> .....	<b>104.5</b>	<b>104.0</b>	<b>99.4</b>	<b>91.3</b>	<b>84.4</b>	<b>90.9</b>	<b>113.6</b>	<b>113.3</b>	<b>105.2</b>	<b>94.5</b>	<b>-</b>	<b>96.4</b>
<b>2001</b>												
January .....	100.4	100.2	95.0	90.4	82.7	89.8	109.6	109.4	102.1	94.7	-	95.9
February .....	99.8	99.6	94.2	88.5	83.9	88.4	109.4	109.1	101.6	93.0	-	94.4
March .....	95.5	95.3	91.2	84.2	79.3	84.0	105.5	105.3	98.1	88.4	-	90.0
April .....	110.7	110.4	104.0	101.5	91.6	100.3	119.9	119.7	110.4	105.6	-	106.4
May .....	122.2	121.8	115.4	110.1	96.7	108.6	130.8	130.5	120.6	113.0	-	114.2
June .....	109.8	109.4	105.9	89.8	83.4	90.0	120.3	120.0	111.9	92.8	-	95.7
July .....	92.1	91.7	89.2	76.3	71.3	76.4	103.0	102.6	96.3	80.1	-	82.6
August .....	96.1	95.8	90.8	88.1	75.9	86.4	105.1	104.8	96.7	90.6	-	91.6
September .....	104.2	103.9	98.0	91.1	80.0	89.8	113.9	113.5	103.4	93.7	-	95.2
October .....	81.9	81.6	79.6	67.5	63.5	67.7	92.8	92.3	87.6	71.0	-	73.4
November .....	69.8	69.6	66.8	58.1	54.7	58.3	79.3	79.0	75.3	62.0	-	63.9
December .....	64.1	64.0	58.9	55.5	52.7	55.3	73.1	72.8	66.2	59.5	-	60.5
<b>2001</b> .....	<b>96.1</b>	<b>95.9</b>	<b>91.4</b>	<b>83.6</b>	<b>76.0</b>	<b>83.0</b>	<b>105.9</b>	<b>105.5</b>	<b>98.4</b>	<b>87.3</b>	<b>-</b>	<b>89.0</b>
<b>2002</b>												
January .....	66.3	66.2	60.5	58.0	54.3	57.6	75.3	75.0	67.9	62.1	-	62.9
February .....	66.0	65.9	60.5	58.8	55.4	58.4	74.7	74.5	67.4	62.6	-	63.3
March .....	81.6	81.4	75.5	75.3	65.8	73.9	90.4	90.1	82.5	79.1	-	79.6
April .....	94.5	94.2	88.9	82.9	73.9	81.6	104.1	103.8	96.6	87.1	-	88.4
May .....	94.0	93.7	88.5	81.9	73.1	80.5	103.4	103.1	95.7	85.6	-	87.0
June .....	92.7	92.5	88.6	81.4	72.6	80.2	101.8	101.6	95.6	84.9	-	86.4
July .....	94.6	94.4	90.2	84.2	75.2	82.9	104.0	103.6	96.7	87.9	-	89.1

See footnotes at end of table.

**Table 8. U.S. Refiner Conventional Motor Gasoline Prices by Grade and Sales Type**  
(Cents per Gallon Excluding Taxes) — Continued

Year Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average <sup>a</sup>	DTW	Rack	Bulk	Average	Through Retail Outlets	Average <sup>a</sup>	DTW	Rack	Bulk	Average
<b>1994</b> .....	86.3	85.5	77.8	63.8	55.5	68.2	73.6	72.9	68.3	56.5	50.7	58.9
<b>1995</b> .....	87.7	86.8	79.0	66.5	56.8	68.4	75.3	74.6	69.3	59.0	53.0	59.8
<b>1996</b> .....	96.0	95.1	86.9	75.5	64.5	76.7	83.4	82.7	77.8	68.2	61.0	68.5
<b>1997</b> .....	95.4	94.6	85.6	74.2	64.1	75.3	81.9	81.3	75.6	66.6	60.4	66.8
<b>1998</b> .....	78.3	77.6	68.4	W	47.4	57.6	65.2	64.7	58.9	49.1	44.2	49.4
<b>1999</b> .....	87.2	86.5	80.1	67.9	55.8	68.1	74.8	74.3	71.1	61.1	52.5	60.9
<b>2000</b>												
January .....	103.7	102.9	95.7	84.5	72.3	84.4	90.4	90.0	85.2	76.7	68.8	76.4
February .....	111.1	110.2	102.7	95.3	81.2	94.4	98.1	97.7	92.6	87.6	79.0	87.0
March .....	124.4	123.3	115.2	103.1	90.1	103.9	110.3	109.7	104.8	95.1	86.8	95.0
April .....	119.4	118.3	110.6	90.5	80.8	92.3	104.3	103.6	99.7	82.3	75.8	82.9
May .....	121.9	121.0	113.1	103.5	93.5	103.4	107.6	107.1	102.4	95.0	86.0	94.5
June .....	132.4	131.5	122.8	115.4	102.9	114.6	121.0	120.4	114.3	108.5	96.9	107.2
July .....	129.3	128.4	119.4	102.9	97.4	104.1	114.5	113.9	109.0	94.3	89.0	94.7
August .....	121.6	120.7	111.5	100.5	92.3	101.0	106.0	105.5	100.6	92.0	84.8	91.9
September .....	127.5	126.3	116.6	108.5	97.1	108.3	113.4	112.9	107.4	100.5	92.7	100.3
October .....	125.6	124.1	115.1	105.3	92.6	104.9	111.3	110.8	105.6	97.6	90.5	97.5
November .....	122.4	121.3	114.0	103.7	90.2	103.3	109.0	108.6	104.3	95.9	88.5	95.7
December .....	115.2	114.5	108.0	89.7	76.4	90.9	101.2	100.8	97.6	82.0	76.1	82.7
<b>2000</b> .....	<b>121.1</b>	<b>120.1</b>	<b>112.0</b>	<b>100.2</b>	<b>89.7</b>	<b>100.5</b>	<b>107.6</b>	<b>107.1</b>	<b>102.3</b>	<b>92.6</b>	<b>84.9</b>	<b>92.5</b>
<b>2001</b>												
January .....	117.4	116.7	108.8	99.7	88.5	100.0	103.5	103.2	98.2	91.8	83.2	91.4
February .....	117.9	117.2	108.6	98.5	89.1	98.7	103.1	102.8	97.6	90.1	84.5	90.0
March .....	113.8	113.3	105.4	94.3	88.9	95.0	98.9	98.6	94.4	85.7	80.3	85.8
April .....	127.8	127.0	116.5	111.3	107.4	111.7	113.6	113.4	106.8	102.9	92.9	102.0
May .....	138.3	137.5	126.9	118.7	104.2	117.9	124.9	124.4	117.8	111.2	97.5	110.0
June .....	128.4	127.8	118.8	99.2	90.5	100.7	113.0	112.6	108.6	91.0	84.0	91.6
July .....	111.2	110.5	103.7	86.4	79.3	87.5	95.5	95.1	92.4	77.7	72.0	78.1
August .....	113.3	112.6	103.6	96.6	84.5	96.2	99.1	98.8	93.5	89.3	76.6	87.8
September .....	121.3	120.8	109.8	99.5	85.7	99.5	107.3	106.9	100.5	92.2	80.4	91.2
October .....	101.2	100.6	94.0	77.0	67.6	77.7	85.3	85.0	82.9	68.8	64.0	69.3
November .....	87.8	87.3	81.8	67.5	54.7	67.8	73.1	72.8	70.3	59.5	54.7	59.8
December .....	81.5	81.1	73.0	65.1	54.6	64.6	67.4	67.2	62.1	57.0	52.9	56.8
<b>2001</b> .....	<b>112.9</b>	<b>112.3</b>	<b>104.3</b>	<b>92.3</b>	<b>81.4</b>	<b>92.5</b>	<b>99.2</b>	<b>98.9</b>	<b>94.3</b>	<b>84.8</b>	<b>76.5</b>	<b>84.5</b>
<b>2002</b>												
January .....	82.9	82.5	74.7	67.9	58.7	67.5	69.4	69.3	63.8	59.5	54.7	59.1
February .....	82.7	82.3	74.3	68.4	58.7	68.2	69.1	69.0	63.7	60.2	55.7	59.9
March .....	97.9	97.4	89.3	84.7	77.0	84.5	84.6	84.3	78.5	76.7	66.8	75.5
April .....	112.8	112.0	104.2	93.2	84.1	93.2	97.6	97.3	92.1	84.3	74.8	83.3
May .....	112.1	111.3	103.3	91.9	80.5	91.8	97.2	96.8	91.7	83.3	73.7	82.2
June .....	110.6	110.0	103.2	91.3	77.6	90.7	95.8	95.6	91.7	82.9	73.0	81.8
July .....	112.3	111.6	104.3	94.2	84.1	94.2	97.7	97.4	93.2	85.7	75.8	84.6

Dash (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

<sup>a</sup> Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: The 4th quarter of 1993 was a transitional period between the predecessor EIA-782 survey system and the revised EIA-782 survey system. The revised survey system contains additional product and sales categories, which may not be consistent with categories derived from the predecessor survey system. Beginning January 1994 all data are from the revised survey system and are consistent.

Notes: Values shown for the current month are preliminary. Values shown for previous months are revised. Data are final upon publication in the *Petroleum Marketing Annual*.

Source: Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

**Table 9. U.S. Refiner Conventional Motor Gasoline Volumes by Grade and Sales Type**  
(Million Gallons per Day)

Year Month	Regular						Midgrade					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total <sup>a</sup>	DTW	Rack	Bulk	Total	Through Retail Outlets	Total <sup>a</sup>	DTW	Rack	Bulk	Total
<b>1994</b> .....	29.7	31.2	36.1	113.5	22.8	172.4	7.6	7.8	10.1	14.6	0.1	24.8
<b>1995</b> .....	24.0	25.3	19.4	105.1	26.0	150.5	6.0	6.3	5.1	13.6	0.1	18.7
<b>1996</b> .....	24.1	25.4	17.8	108.5	27.1	153.4	5.7	5.9	4.4	12.9	NA	17.3
<b>1997</b> .....	25.0	26.4	16.4	110.9	26.4	153.7	5.7	5.9	3.9	12.7	W	16.6
<b>1998</b> .....	25.4	26.6	13.7	112.0	28.8	154.5	6.0	6.1	3.4	12.5	W	15.8
<b>1999</b> .....	25.0	26.0	13.4	117.4	24.9	155.8	5.9	6.0	3.1	12.2	-	15.3
<b>2000</b>												
January .....	21.8	22.7	10.7	104.7	21.2	136.6	4.7	4.8	2.2	9.9	-	12.2
February .....	24.4	25.5	12.1	119.0	20.6	151.6	5.1	5.2	2.5	11.3	-	13.8
March .....	26.5	27.7	12.9	126.0	20.0	158.9	4.9	5.0	2.3	10.8	-	13.1
April .....	25.6	26.6	12.8	124.5	28.4	165.7	4.9	5.0	2.3	10.6	-	12.9
May .....	26.2	27.4	13.8	132.5	26.2	172.6	5.0	5.1	2.5	11.5	-	14.0
June .....	27.6	28.8	14.3	135.4	31.5	181.1	4.9	5.0	2.4	11.0	-	13.4
July .....	27.4	28.4	13.4	132.0	31.2	176.6	5.0	5.0	2.3	10.8	-	13.1
August .....	27.7	28.8	13.9	135.6	23.7	173.2	5.1	5.2	2.4	11.4	-	13.8
September .....	27.2	28.2	13.5	127.7	21.1	162.2	5.0	5.1	2.3	10.5	-	12.7
October .....	26.4	27.5	12.5	125.3	20.4	158.3	4.8	4.9	2.1	10.4	-	12.5
November .....	26.0	27.0	12.2	123.0	20.4	155.6	4.7	4.8	2.1	10.4	-	12.5
December .....	25.5	26.3	11.9	122.8	21.8	156.5	4.8	4.8	2.1	10.5	-	12.6
<b>2000</b> .....	<b>26.0</b>	<b>27.1</b>	<b>12.8</b>	<b>125.7</b>	<b>23.9</b>	<b>162.4</b>	<b>4.9</b>	<b>5.0</b>	<b>2.3</b>	<b>10.8</b>	-	<b>13.1</b>
<b>2001</b>												
January .....	24.0	24.7	11.2	113.4	17.2	141.9	4.5	4.5	1.9	9.5	-	11.4
February .....	25.7	26.5	11.7	119.2	20.4	151.3	4.7	4.8	2.0	10.5	-	12.4
March .....	26.9	27.7	12.1	124.4	21.7	158.2	5.0	5.0	2.0	10.6	-	12.6
April .....	27.2	28.0	12.8	131.3	23.3	167.4	4.8	4.9	2.0	10.5	-	12.6
May .....	28.3	29.2	12.9	132.2	24.1	169.2	4.7	4.8	2.0	10.2	-	12.1
June .....	29.3	30.1	12.7	136.0	25.3	174.1	4.9	5.0	1.9	10.6	-	12.5
July .....	27.9	28.7	12.4	134.9	27.0	174.2	4.8	4.9	1.9	10.4	-	12.3
August .....	28.6	29.5	13.2	138.1	28.9	180.2	4.9	5.0	2.0	10.6	-	12.6
September .....	27.0	27.8	12.0	127.9	26.6	166.5	4.6	4.7	1.8	9.6	-	11.4
October .....	25.9	26.7	11.2	128.8	23.2	163.1	4.3	4.4	1.7	10.0	-	11.7
November .....	24.5	25.2	10.8	124.8	20.4	155.9	4.1	4.2	1.6	9.7	-	11.2
December .....	24.5	25.2	11.2	121.0	26.9	159.1	4.2	4.3	1.6	9.5	-	11.1
<b>2001</b> .....	<b>26.7</b>	<b>27.5</b>	<b>12.0</b>	<b>127.7</b>	<b>23.8</b>	<b>163.5</b>	<b>4.6</b>	<b>4.7</b>	<b>1.9</b>	<b>10.1</b>	-	<b>12.0</b>
<b>2002</b>												
January .....	24.1	24.8	11.1	117.0	25.9	154.1	4.2	4.3	1.6	9.3	-	10.9
February .....	25.8	26.6	11.4	121.0	22.3	154.7	4.5	4.6	1.6	9.8	-	11.4
March .....	26.6	27.4	11.9	124.2	24.1	160.3	4.7	4.8	1.6	9.9	-	11.5
April .....	28.4	29.2	12.2	131.4	32.8	176.4	4.8	4.9	1.6	10.0	-	11.6
May .....	28.2	29.1	12.2	134.2	37.0	183.4	4.9	5.0	1.7	10.5	-	12.1
June .....	28.5	29.1	12.1	133.1	36.0	181.2	4.9	5.0	1.6	10.3	-	12.0
July .....	28.4	29.2	11.8	136.5	34.6	182.9	4.9	5.0	1.6	10.9	-	12.6

See footnotes at end of table.

**Table 9. U.S. Refiner Conventional Motor Gasoline Volumes by Grade and Sales Type**  
(Million Gallons per Day) — Continued

Year Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total <sup>a</sup>	DTW	Rack	Bulk	Total	Through Retail Outlets	Total <sup>a</sup>	DTW	Rack	Bulk	Total
<b>1994</b> .....	8.5	8.9	16.5	28.0	2.8	47.2	45.8	47.9	62.7	156.0	25.8	244.5
<b>1995</b> .....	6.2	6.4	7.7	25.1	2.9	35.6	36.2	38.0	32.1	143.8	28.9	204.8
<b>1996</b> .....	4.9	5.1	5.8	22.5	2.5	30.8	34.7	36.5	28.1	143.8	29.6	201.5
<b>1997</b> .....	4.8	5.0	5.1	21.9	2.5	29.5	35.4	37.2	25.4	145.6	28.9	199.8
<b>1998</b> .....	5.5	5.7	4.7	W	2.7	31.9	36.9	38.5	21.8	148.9	31.5	202.2
<b>1999</b> .....	5.0	5.2	4.3	24.1	3.8	32.2	35.9	37.2	20.8	153.7	28.7	203.3
<b>2000</b>												
January .....	3.8	3.9	3.1	18.1	3.1	24.3	30.4	31.4	16.0	132.7	24.2	173.0
February .....	3.8	4.0	3.3	19.4	3.4	26.1	33.3	34.6	17.8	149.7	24.0	191.5
March .....	3.6	3.7	3.0	17.5	1.6	22.1	35.0	36.4	18.2	154.4	21.6	194.2
April .....	3.7	3.9	3.1	18.1	2.0	23.1	34.2	35.4	18.1	153.2	30.4	201.8
May .....	3.7	3.9	3.3	20.0	3.6	27.0	34.9	36.4	19.6	164.0	29.9	213.5
June .....	3.6	3.7	3.2	18.6	3.6	25.4	36.1	37.5	19.8	165.0	35.1	219.9
July .....	3.7	3.8	3.0	18.7	3.3	25.0	36.0	37.2	18.7	161.5	34.6	214.7
August .....	3.9	4.1	3.2	20.3	2.7	26.3	36.8	38.1	19.5	167.3	26.4	213.2
September .....	3.7	3.9	3.0	17.8	2.7	23.6	35.9	37.2	18.8	156.0	23.8	198.5
October .....	3.6	3.9	2.9	18.0	3.2	24.0	34.9	36.3	17.6	153.6	23.6	194.8
November .....	3.6	3.8	2.9	18.0	2.9	23.7	34.4	35.6	17.1	151.4	23.3	191.9
December .....	3.8	4.0	2.9	18.7	2.0	23.7	34.1	35.1	16.9	152.0	23.8	192.8
<b>2000</b> .....	<b>3.7</b>	<b>3.9</b>	<b>3.1</b>	<b>18.6</b>	<b>2.8</b>	<b>24.5</b>	<b>34.7</b>	<b>35.9</b>	<b>18.2</b>	<b>155.1</b>	<b>26.7</b>	<b>200.0</b>
<b>2001</b>												
January .....	3.3	3.5	2.6	16.9	1.6	21.1	31.8	32.7	15.7	139.8	18.8	174.4
February .....	3.6	3.8	2.8	17.6	2.5	22.9	34.1	35.1	16.4	147.3	23.0	186.7
March .....	3.9	4.1	2.9	19.0	2.5	24.4	35.8	36.8	17.0	154.1	24.2	195.3
April .....	3.6	3.8	2.9	18.3	1.9	23.1	35.7	36.7	17.7	160.1	25.2	203.1
May .....	3.4	3.6	2.7	17.5	2.9	23.1	36.5	37.6	17.6	159.8	26.9	204.4
June .....	3.7	3.8	2.7	18.3	2.3	23.3	37.9	38.9	17.4	164.8	27.6	209.8
July .....	3.9	4.0	2.8	20.0	2.8	25.5	36.5	37.6	17.1	165.3	29.7	212.1
August .....	3.9	4.0	2.9	20.3	2.7	25.9	37.4	38.5	18.1	169.0	31.6	218.6
September .....	3.6	3.8	2.7	17.6	2.0	22.3	35.3	36.3	16.4	155.2	28.5	200.1
October .....	3.6	3.8	2.6	19.0	2.8	24.5	33.9	34.9	15.5	157.8	26.0	199.2
November .....	3.7	3.9	2.7	19.6	2.4	24.7	32.4	33.3	15.0	154.0	22.8	191.8
December .....	3.9	4.0	2.8	19.3	3.4	25.5	32.6	33.5	15.6	149.8	30.4	195.7
<b>2001</b> .....	<b>3.7</b>	<b>3.8</b>	<b>2.8</b>	<b>18.6</b>	<b>2.5</b>	<b>23.9</b>	<b>35.0</b>	<b>36.0</b>	<b>16.6</b>	<b>156.5</b>	<b>26.3</b>	<b>199.4</b>
<b>2002</b>												
January .....	3.7	3.8	2.7	18.1	3.0	23.7	31.9	32.9	15.3	144.4	29.0	188.7
February .....	4.1	4.2	2.8	19.1	2.1	24.0	34.4	35.4	15.8	149.9	24.4	190.1
March .....	3.9	4.0	2.7	18.7	2.2	23.7	35.2	36.2	16.2	152.9	26.4	195.5
April .....	3.8	3.9	2.6	18.2	3.2	24.0	36.9	38.1	16.4	159.6	36.0	212.0
May .....	3.9	4.0	2.7	19.7	3.0	25.5	36.9	38.1	16.6	164.4	40.1	221.1
June .....	4.0	4.1	2.7	19.9	3.5	26.2	37.4	38.2	16.4	163.4	39.5	219.4
July .....	3.9	4.1	2.7	20.8	2.8	26.3	37.2	38.3	16.2	168.2	37.4	221.8

Dash (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

<sup>a</sup> Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: The 4th quarter of 1993 was a transitional period between the predecessor EIA-782 survey system and the revised EIA-782 survey system. The revised survey system contains additional product and sales categories, which may not be consistent with categories derived from the predecessor survey system. Beginning January 1994 all data are from the revised survey system and are consistent.

Notes: Values shown for the current month are preliminary. Values shown for previous months are revised. Data are final upon publication in the *Petroleum Marketing Annual*. Totals may not equal the sum of the components due to rounding.

Source: Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

**Table 10. U.S. Refiner Oxygenated Motor Gasoline Prices by Grade and Sales Type**  
(Cents per Gallon Excluding Taxes)

Year Month	Regular						Midgrade					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average <sup>a</sup>	DTW	Rack	Bulk	Average	Through Retail Outlets	Average <sup>a</sup>	DTW	Rack	Bulk	Average
<b>1994</b> .....	74.3	73.9	66.7	58.6	52.7	63.2	84.3	83.8	72.7	62.2	W	69.6
<b>1995</b> .....	76.7	76.5	70.9	63.0	59.2	66.5	83.4	83.3	75.0	65.9	-	71.3
<b>1996</b> .....	87.0	86.7	78.4	71.8	W	74.6	94.0	93.9	83.2	73.8	-	79.3
<b>1997</b> .....	88.6	88.4	81.6	72.5	-	75.8	98.0	98.0	86.6	75.0	-	80.1
<b>1998</b> .....	68.8	68.7	61.5	54.5	-	57.1	78.3	78.3	68.1	56.1	-	60.2
<b>1999</b> .....	78.9	78.8	75.0	65.2	-	68.9	87.4	87.3	78.3	66.3	-	70.0
<b>2000</b>												
January .....	91.8	91.8	86.2	80.4	-	82.5	102.1	102.1	93.2	81.3	-	85.1
February .....	99.3	99.3	92.8	90.4	-	91.3	108.7	108.7	100.4	92.7	-	95.3
March .....	113.8	113.7	111.5	99.3	-	104.7	123.4	123.4	118.3	99.4	-	105.8
April .....	108.0	108.0	NA	85.1	-	95.8	115.2	115.1	115.1	84.8	-	92.8
May .....	112.4	112.4	106.1	99.8	-	102.1	121.4	121.3	113.7	99.9	-	102.8
June .....	126.4	126.3	108.8	118.2	-	114.7	136.7	136.7	121.7	119.4	-	119.9
July .....	109.5	109.4	NA	96.4	-	101.4	120.8	120.8	NA	96.4	-	100.9
August .....	112.7	112.6	111.0	99.2	-	103.4	121.9	121.9	116.6	99.1	-	102.5
September .....	123.2	123.1	119.8	108.8	-	113.2	131.4	131.4	124.7	109.6	-	113.5
October .....	119.7	119.7	118.3	106.8	-	111.1	129.3	129.3	123.1	106.4	-	111.1
November .....	117.2	117.1	114.7	102.4	-	106.6	127.7	127.7	120.5	102.6	-	107.4
December .....	109.7	109.6	107.5	91.1	-	96.6	119.9	119.9	114.0	91.3	-	97.5
<b>2000</b> .....	<b>111.1</b>	<b>111.0</b>	<b>108.0</b>	<b>97.6</b>	-	<b>101.4</b>	<b>119.5</b>	<b>119.5</b>	<b>113.7</b>	<b>98.3</b>	-	<b>102.5</b>
<b>2001</b>												
January .....	110.3	110.2	102.1	98.0	-	99.4	118.2	118.2	110.3	101.7	-	104.0
February .....	110.2	110.2	102.2	97.8	-	99.3	119.0	119.0	110.5	99.2	-	102.5
March .....	104.5	104.5	102.0	92.2	-	96.0	112.6	112.6	108.9	93.2	-	97.8
April .....	118.6	118.6	105.1	111.1	-	108.8	128.9	128.9	117.2	112.2	-	113.4
May .....	134.0	133.9	112.3	127.4	-	122.2	146.2	146.2	129.5	128.0	-	128.3
June .....	117.4	117.4	110.0	100.4	-	103.5	130.9	130.9	122.6	100.1	-	104.3
July .....	101.5	101.4	100.0	86.2	-	90.8	112.2	112.2	108.6	87.3	-	90.8
August .....	116.4	116.3	99.4	106.7	-	104.3	123.8	123.7	111.1	107.7	-	108.3
September .....	121.9	121.8	109.0	105.8	-	107.0	129.5	129.5	116.5	108.1	-	110.0
October .....	94.4	94.3	95.7	78.1	-	84.3	106.0	106.0	98.2	78.7	-	83.5
November .....	83.6	83.5	81.5	67.2	-	72.0	90.7	90.7	84.1	68.1	-	72.1
December .....	71.9	71.9	65.8	61.0	-	62.6	79.3	79.3	70.4	62.2	-	64.3
<b>2001</b> .....	<b>102.8</b>	<b>102.7</b>	<b>97.0</b>	<b>91.5</b>	-	<b>93.5</b>	<b>109.6</b>	<b>109.6</b>	<b>104.3</b>	<b>93.7</b>	-	<b>96.2</b>
<b>2002</b>												
January .....	73.6	73.5	66.7	63.5	-	64.7	82.7	82.7	73.1	65.0	-	67.3
February .....	72.7	72.7	67.5	65.0	-	65.9	82.3	82.3	74.5	65.5	-	68.0
March .....	87.5	87.4	76.8	82.8	-	80.5	97.5	97.5	86.2	83.8	-	84.4
April .....	100.2	100.1	93.0	88.1	-	89.8	108.5	108.5	100.9	89.0	-	91.0
May .....	98.2	98.1	91.3	85.4	-	87.2	107.0	107.0	101.0	86.0	-	88.2
June .....	97.5	97.4	92.9	85.4	-	87.7	105.4	105.4	101.3	86.2	-	88.4
July .....	104.4	104.3	95.3	93.3	-	93.9	113.8	113.7	106.0	93.6	-	95.1

See footnotes at end of table.

**Table 10. U.S. Refiner Oxygenated Motor Gasoline Prices by Grade and Sales Type**  
(Cents per Gallon Excluding Taxes) — Continued

Year Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average <sup>a</sup>	DTW	Rack	Bulk	Average	Through Retail Outlets	Average <sup>a</sup>	DTW	Rack	Bulk	Average
<b>1994</b> .....	92.9	92.4	79.9	67.5	56.7	76.5	79.3	78.8	71.5	60.7	53.5	67.5
<b>1995</b> .....	94.6	94.3	84.7	72.4	W	79.1	80.4	80.2	74.2	64.7	59.5	69.1
<b>1996</b> .....	103.7	103.5	90.7	80.0	58.3	85.5	90.2	90.0	81.1	73.1	W	76.8
<b>1997</b> .....	107.3	107.1	95.1	80.5	—	86.4	91.8	91.6	84.0	73.6	—	77.5
<b>1998</b> .....	87.0	87.0	75.0	61.7	—	67.6	72.0	71.9	64.3	55.5	—	58.7
<b>1999</b> .....	95.3	95.3	85.2	72.8	—	78.3	81.6	81.6	76.7	66.1	—	70.1
<b>2000</b>												
January .....	112.0	111.9	100.9	89.1	—	94.0	95.4	95.4	88.8	81.4	—	84.0
February .....	118.4	118.4	107.0	98.5	—	102.4	102.5	102.4	95.4	91.4	—	93.0
March .....	133.1	133.1	125.4	109.0	—	118.4	116.2	116.1	113.6	99.9	—	105.9
April .....	125.0	125.0	NA	93.9	—	110.1	109.9	109.9	NA	85.5	—	96.4
May .....	130.9	130.9	121.8	106.1	—	113.7	114.6	114.5	108.2	100.2	—	103.0
June .....	145.7	145.7	125.8	123.4	—	124.6	128.7	128.6	111.5	118.6	—	116.1
July .....	129.8	129.8	NA	105.2	—	115.0	112.1	112.0	NA	96.9	—	102.3
August .....	131.4	131.4	126.2	106.5	—	115.8	114.9	114.9	113.0	99.6	—	104.2
September .....	140.9	139.8	133.6	117.9	—	125.8	125.2	125.1	121.6	109.5	—	114.2
October .....	139.0	137.3	131.8	117.6	—	123.9	122.4	122.3	120.2	107.6	—	112.3
November .....	139.3	138.5	128.9	112.3	—	118.7	120.7	120.6	116.7	103.3	—	107.8
December .....	130.7	130.1	122.1	99.5	—	108.1	113.2	113.1	109.7	91.9	—	97.9
<b>2000</b> .....	<b>129.6</b>	<b>129.3</b>	<b>121.6</b>	<b>105.1</b>	—	<b>112.6</b>	<b>113.6</b>	<b>113.6</b>	<b>110.0</b>	<b>98.2</b>	—	<b>102.5</b>
<b>2001</b>												
January .....	130.2	129.9	117.2	104.8	—	109.5	113.2	113.2	104.5	99.1	—	100.9
February .....	130.8	130.3	117.3	105.8	—	110.6	113.3	113.2	104.7	98.6	—	100.7
March .....	122.9	122.4	117.3	100.3	—	109.0	106.7	106.7	104.4	92.9	—	97.4
April .....	138.7	136.9	122.6	118.0	—	120.4	120.9	120.8	107.9	111.6	—	110.3
May .....	155.9	154.1	130.8	134.9	—	132.9	136.5	136.3	115.4	127.9	—	123.7
June .....	139.5	139.5	128.3	108.3	—	117.8	120.3	120.3	112.7	100.8	—	104.5
July .....	122.3	122.3	117.4	93.4	—	104.5	104.2	104.2	102.5	86.8	—	91.7
August .....	134.6	134.6	116.8	111.2	—	113.9	118.5	118.5	102.1	107.1	—	105.5
September .....	139.3	139.3	123.8	112.6	—	118.2	124.1	124.0	111.1	106.5	—	108.2
October .....	116.2	116.2	107.4	87.8	—	95.8	97.8	97.8	97.3	79.0	—	85.3
November .....	101.9	101.9	93.8	76.5	—	83.1	86.3	86.2	83.3	68.2	—	73.2
December .....	90.1	90.1	78.9	70.1	—	73.5	74.6	74.6	67.8	62.0	—	64.0
<b>2001</b> .....	<b>120.1</b>	<b>120.0</b>	<b>110.8</b>	<b>95.5</b>	—	<b>102.1</b>	<b>105.1</b>	<b>105.0</b>	<b>99.2</b>	<b>92.2</b>	—	<b>94.6</b>
<b>2002</b>												
January .....	93.0	93.0	81.1	72.8	—	76.3	76.7	76.7	69.0	64.6	—	66.2
February .....	92.0	92.0	82.6	74.3	—	77.8	75.9	75.9	70.0	66.0	—	67.4
March .....	105.4	105.4	93.3	90.7	—	92.0	90.0	89.9	79.7	83.5	—	82.0
April .....	117.4	117.4	108.4	96.3	—	101.8	102.5	102.4	95.1	88.7	—	90.8
May .....	116.6	116.6	108.3	92.4	—	99.1	100.6	100.5	93.8	85.9	—	88.2
June .....	116.0	116.0	109.4	92.1	—	99.2	99.8	99.7	95.3	85.9	—	88.7
July .....	122.8	122.8	112.1	99.8	—	104.5	106.8	106.8	97.8	93.8	—	94.9

Dash (—) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

<sup>a</sup> Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: The 4th quarter of 1993 was a transitional period between the predecessor EIA-782 survey system and the revised EIA-782 survey system. The revised survey system contains additional product and sales categories, which may not be consistent with categories derived from the predecessor survey system. Beginning January 1994 all data are from the revised survey system and are consistent.

Notes: Values shown for the current month are preliminary. Values shown for previous months are revised. Data are final upon publication in the *Petroleum Marketing Annual*.

Source: Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

**Table 11. U.S. Refiner Oxygenated Motor Gasoline Volumes by Grade and Sales Type**  
(Million Gallons per Day)

Year Month	Regular						Midgrade					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total <sup>a</sup>	DTW	Rack	Bulk	Total	Through Retail Outlets	Total <sup>a</sup>	DTW	Rack	Bulk	Total
<b>1994</b> .....	4.0	4.1	9.4	5.2	0.9	15.5	0.7	0.7	2.1	0.8	W	2.9
<b>1995</b> .....	2.5	2.5	3.8	W	W	8.1	0.5	0.5	0.8	0.5	-	1.3
<b>1996</b> .....	2.4	2.5	2.6	2.9	W	5.6	0.5	0.5	0.5	0.4	-	0.9
<b>1997</b> .....	2.2	2.2	1.8	3.1	-	4.9	0.4	0.4	0.3	0.4	-	0.7
<b>1998</b> .....	2.0	2.1	2.2	3.9	-	6.0	0.4	0.4	0.4	0.7	-	1.1
<b>1999</b> .....	2.1	2.1	2.4	3.9	-	6.3	0.4	0.4	0.3	0.8	-	1.2
<b>2000</b>												
January .....	2.5	2.5	3.0	5.3	-	8.3	0.5	0.5	0.4	0.9	-	1.3
February .....	2.7	2.7	3.2	5.3	-	8.5	0.5	0.5	0.5	0.9	-	1.4
March .....	2.1	2.1	3.0	3.8	-	6.8	0.3	0.3	0.4	0.7	-	1.1
April .....	1.5	1.5	NA	3.3	-	5.5	0.2	0.2	0.3	0.7	-	1.0
May .....	1.5	1.5	2.0	3.4	-	5.3	0.2	0.2	0.2	0.8	-	1.0
June .....	1.6	1.6	2.1	3.7	-	5.8	0.2	0.2	0.2	0.8	-	1.0
July .....	1.6	1.6	NA	3.7	-	5.7	0.2	0.2	NA	0.8	-	1.0
August .....	1.6	1.6	2.1	3.8	-	5.9	0.2	0.2	0.2	0.9	-	1.1
September .....	1.7	1.7	2.5	3.9	-	6.4	0.2	0.2	0.3	0.8	-	1.1
October .....	2.2	2.2	3.2	5.2	-	8.4	0.3	0.3	0.4	1.0	-	1.3
November .....	2.7	2.7	3.4	6.4	-	9.8	0.5	0.5	0.4	1.1	-	1.5
December .....	3.0	3.1	3.4	6.6	-	10.0	0.6	0.6	0.4	1.1	-	1.5
<b>2000</b> .....	<b>2.0</b>	<b>2.1</b>	<b>2.7</b>	<b>4.5</b>	-	<b>7.2</b>	<b>0.3</b>	<b>0.3</b>	<b>0.3</b>	<b>0.9</b>	-	<b>1.2</b>
<b>2001</b>												
January .....	2.9	2.9	3.0	5.8	-	8.8	0.6	0.6	0.4	1.0	-	1.3
February .....	3.0	3.0	3.1	5.8	-	8.9	0.6	0.6	0.4	0.9	-	1.3
March .....	2.2	2.2	2.6	4.1	-	6.6	0.3	0.3	0.3	0.8	-	1.1
April .....	1.6	1.6	2.1	3.5	-	5.6	0.2	0.2	0.2	0.7	-	0.9
May .....	1.5	1.5	2.0	3.7	-	5.6	0.2	0.2	0.2	0.7	-	0.9
June .....	1.5	1.5	1.9	3.9	-	5.7	0.2	0.2	0.2	0.8	-	0.9
July .....	1.4	1.4	1.8	3.7	-	5.5	0.2	0.2	0.2	0.9	-	1.1
August .....	1.4	1.4	1.9	3.8	-	5.7	0.2	0.2	0.2	0.8	-	1.0
September .....	1.5	1.5	2.3	3.9	-	6.2	0.2	0.2	0.2	0.7	-	1.0
October .....	2.6	2.6	2.9	5.5	-	8.4	0.4	0.4	0.3	1.0	-	1.3
November .....	3.2	3.2	3.1	6.0	-	9.1	0.6	0.6	0.3	1.0	-	1.4
December .....	3.3	3.3	3.2	5.9	-	9.1	0.6	0.6	0.4	1.0	-	1.3
<b>2001</b> .....	<b>2.2</b>	<b>2.2</b>	<b>2.5</b>	<b>4.6</b>	-	<b>7.1</b>	<b>0.3</b>	<b>0.3</b>	<b>0.3</b>	<b>0.9</b>	-	<b>1.1</b>
<b>2002</b>												
January .....	3.1	3.1	3.3	5.7	-	9.0	0.5	0.5	0.4	0.9	-	1.3
February .....	3.1	3.1	3.0	5.3	-	8.3	0.6	0.6	0.3	0.9	-	1.2
March .....	2.1	2.1	2.7	4.2	-	6.9	0.3	0.3	0.3	0.9	-	1.2
April .....	1.5	1.5	1.9	3.8	-	5.7	0.2	0.2	0.2	0.8	-	1.0
May .....	1.5	1.5	1.8	4.0	-	5.8	0.2	0.2	0.2	0.9	-	1.1
June .....	1.6	1.6	1.8	4.1	-	6.0	0.2	0.2	0.2	0.9	-	1.1
July .....	1.6	1.6	1.8	4.5	-	6.3	0.2	0.2	0.2	1.1	-	1.3

See footnotes at end of table.

**Table 11. U.S. Refiner Oxygenated Motor Gasoline Volumes by Grade and Sales Type**  
(Million Gallons per Day) — Continued

Year Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total <sup>a</sup>	DTW	Rack	Bulk	Total	Through Retail Outlets	Total <sup>a</sup>	DTW	Rack	Bulk	Total
<b>1994</b> .....	1.2	1.2	5.0	1.4	0.2	6.6	5.9	6.1	16.5	7.4	1.1	25.0
<b>1995</b> .....	0.5	0.5	1.1	W	W	1.9	3.5	3.6	5.7	5.1	0.6	11.3
<b>1996</b> .....	0.4	0.4	0.6	0.5	NA	1.1	3.4	3.4	3.7	3.8	W	7.6
<b>1997</b> .....	0.3	0.3	0.3	0.4	-	0.7	2.9	2.9	2.4	3.9	-	6.3
<b>1998</b> .....	0.3	0.3	0.4	0.5	-	1.0	2.7	2.7	3.0	5.1	-	8.1
<b>1999</b> .....	0.3	0.3	0.4	0.5	-	0.9	2.7	2.8	3.2	5.3	-	8.4
<b>2000</b>												
January .....	0.3	0.3	0.5	0.7	-	1.1	3.4	3.4	3.8	6.9	-	10.7
February .....	0.3	0.3	0.5	0.6	-	1.1	3.5	3.5	4.2	6.8	-	10.9
March .....	0.2	0.2	0.4	0.3	-	0.7	2.5	2.6	3.8	4.8	-	8.6
April .....	0.1	0.1	NA	0.2	-	0.5	1.9	1.9	NA	4.2	-	7.0
May .....	0.1	0.1	0.2	0.2	-	0.5	1.8	1.8	2.4	4.4	-	6.8
June .....	0.1	0.1	0.2	0.2	-	0.5	1.9	1.9	2.6	4.6	-	7.2
July .....	0.1	0.1	NA	0.3	-	0.5	1.9	1.9	NA	4.7	-	7.2
August .....	0.1	0.1	0.3	0.3	-	0.5	1.9	1.9	2.6	5.0	-	7.6
September .....	0.1	0.1	0.3	0.3	-	0.6	2.0	2.0	3.1	5.0	-	8.1
October .....	0.2	0.2	0.4	0.5	-	0.9	2.7	2.8	4.0	6.7	-	10.7
November .....	0.3	0.3	0.4	0.7	-	1.2	3.5	3.5	4.2	8.2	-	12.4
December .....	0.4	0.4	0.5	0.8	-	1.2	4.0	4.1	4.3	8.5	-	12.8
<b>2000</b> .....	<b>0.2</b>	<b>0.2</b>	<b>0.4</b>	<b>0.4</b>	-	<b>0.8</b>	<b>2.6</b>	<b>2.6</b>	<b>3.3</b>	<b>5.8</b>	-	<b>9.2</b>
<b>2001</b>												
January .....	0.3	0.3	0.4	0.7	-	1.1	3.8	3.8	3.8	7.4	-	11.2
February .....	0.3	0.3	0.4	0.6	-	1.0	3.9	3.9	3.9	7.3	-	11.3
March .....	0.2	0.2	0.4	0.4	-	0.7	2.6	2.6	3.3	5.2	-	8.5
April .....	0.1	0.1	0.3	0.2	-	0.5	1.9	1.9	2.6	4.4	-	7.0
May .....	0.1	0.1	0.2	0.2	-	0.4	1.7	1.7	2.4	4.7	-	7.0
June .....	0.1	0.1	0.2	0.2	-	0.5	1.8	1.8	2.2	4.9	-	7.1
July .....	0.1	0.1	0.2	0.3	-	0.5	1.7	1.7	2.2	4.8	-	7.1
August .....	0.1	0.1	0.2	0.3	-	0.5	1.7	1.7	2.4	4.8	-	7.2
September .....	0.1	0.1	0.3	0.3	-	0.6	1.9	1.9	2.8	5.0	-	7.8
October .....	0.3	0.3	0.4	0.6	-	1.0	3.3	3.3	3.7	7.0	-	10.7
November .....	0.4	0.4	0.5	0.8	-	1.3	4.2	4.2	3.9	7.8	-	11.7
December .....	0.4	0.4	0.5	0.8	-	1.3	4.3	4.3	4.0	7.7	-	11.7
<b>2001</b> .....	<b>0.2</b>	<b>0.2</b>	<b>0.3</b>	<b>0.4</b>	-	<b>0.8</b>	<b>2.7</b>	<b>2.7</b>	<b>3.1</b>	<b>5.9</b>	-	<b>9.0</b>
<b>2002</b>												
January .....	0.4	0.4	0.5	0.7	-	1.2	4.0	4.0	4.1	7.3	-	11.5
February .....	0.4	0.4	0.5	0.6	-	1.1	4.1	4.1	3.9	6.8	-	10.7
March .....	0.2	0.2	0.4	0.4	-	0.8	2.6	2.6	3.4	5.4	-	8.8
April .....	0.1	0.1	0.2	0.3	-	0.5	1.9	1.9	2.4	4.9	-	7.3
May .....	0.1	0.1	0.2	0.3	-	0.5	1.9	1.9	2.2	5.2	-	7.4
June .....	0.2	0.2	0.2	0.3	-	0.6	1.9	1.9	2.2	5.4	-	7.6
July .....	0.2	0.2	0.2	0.4	-	0.6	1.9	1.9	2.2	6.0	-	8.2

Dash (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

<sup>a</sup> Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: The 4th quarter of 1993 was a transitional period between the predecessor EIA-782 survey system and the revised EIA-782 survey system. The revised survey system contains additional product and sales categories, which may not be consistent with categories derived from the predecessor survey system. Beginning January 1994 all data are from the revised survey system and are consistent.

Notes: Values shown for the current month are preliminary. Values shown for previous months are revised. Data are final upon publication in the *Petroleum Marketing Annual*. Totals may not equal the sum of the components due to rounding.

Source: Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

**Table 12. U.S. Refiner Reformulated Motor Gasoline Prices by Grade and Sales Type**  
(Cents per Gallon Excluding Taxes)

Year Month	Regular						Midgrade					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average <sup>a</sup>	DTW	Rack	Bulk	Average	Through Retail Outlets	Average <sup>a</sup>	DTW	Rack	Bulk	Average
<b>1994</b> .....	76.4	75.8	72.0	56.9	54.3	63.8	87.9	87.3	77.0	62.8	W	72.8
<b>1995</b> .....	74.9	74.4	70.7	60.5	57.3	65.0	83.6	83.3	75.3	65.1	-	72.3
<b>1996</b> .....	83.4	83.0	78.8	69.8	67.7	73.8	92.4	92.1	83.7	74.1	W	80.9
<b>1997</b> .....	83.0	82.8	78.7	68.2	66.8	73.1	92.8	92.5	84.0	72.5	W	80.7
<b>1998</b> .....	66.8	66.5	61.6	50.9	48.4	55.7	76.9	76.7	67.3	55.3	W	63.8
<b>1999</b> .....	80.4	80.0	75.2	64.2	60.1	68.6	89.5	89.2	80.7	67.6	NA	76.7
<b>2000</b>												
January .....	89.6	89.3	82.8	77.1	72.8	79.2	99.8	99.6	89.4	81.2	-	87.0
February .....	96.0	95.6	89.2	87.2	85.6	88.0	105.7	105.5	95.7	91.0	-	94.3
March .....	115.5	115.0	108.4	99.5	96.4	103.5	124.9	124.6	114.3	103.8	-	111.2
April .....	114.1	113.4	107.9	88.3	84.8	96.5	124.3	123.8	113.9	93.2	-	107.5
May .....	111.9	111.5	104.8	102.3	93.3	102.2	121.3	121.1	111.8	105.3	-	109.8
June .....	118.9	118.6	110.8	113.9	104.0	111.1	127.8	127.6	118.3	115.9	-	117.6
July .....	119.5	119.3	112.0	101.6	100.5	106.2	128.8	128.6	118.3	107.0	-	115.0
August .....	114.0	113.8	107.1	101.6	102.2	104.1	124.1	123.9	112.6	106.5	-	110.8
September .....	120.5	120.4	114.0	107.8	109.2	110.9	129.8	129.7	119.3	111.4	-	117.1
October .....	118.8	118.6	113.3	103.5	105.3	108.4	128.3	128.1	118.6	107.2	-	115.4
November .....	116.4	116.2	110.5	101.3	100.4	105.6	126.3	126.1	116.0	105.1	-	113.0
December .....	109.4	109.1	103.4	86.2	84.6	93.7	120.0	119.7	109.0	91.1	-	103.9
<b>2000</b> .....	<b>112.6</b>	<b>112.3</b>	<b>105.8</b>	<b>97.8</b>	<b>95.3</b>	<b>101.2</b>	<b>121.9</b>	<b>121.7</b>	<b>111.4</b>	<b>101.4</b>	-	<b>108.5</b>
<b>2001</b>												
January .....	106.6	106.2	99.5	93.5	89.5	96.2	116.9	116.5	105.5	97.5	-	103.3
February .....	107.1	106.9	101.1	95.0	96.9	98.1	117.4	117.2	107.0	99.4	-	104.9
March .....	107.5	107.4	102.3	94.6	99.6	98.9	117.9	117.8	107.8	99.2	-	105.5
April .....	120.2	120.1	113.7	112.7	112.0	113.1	130.1	130.0	120.3	117.3	-	119.5
May .....	135.3	134.9	130.3	119.9	113.1	124.1	145.2	144.9	137.4	124.0	-	133.5
June .....	129.6	129.0	126.2	98.3	95.2	110.2	140.2	139.8	132.9	103.2	-	124.0
July .....	111.8	111.1	111.1	80.8	79.7	93.3	123.1	122.6	117.4	85.7	-	107.5
August .....	103.5	103.0	98.1	90.8	81.7	92.7	113.9	113.5	105.8	94.7	-	102.4
September .....	107.6	107.4	100.6	94.0	86.3	96.2	118.5	118.3	108.4	97.7	-	105.4
October .....	92.4	92.1	87.8	73.6	72.2	79.9	103.3	103.1	95.0	78.2	-	90.7
November .....	76.8	76.6	72.0	62.0	58.7	66.3	87.9	87.7	78.7	66.3	-	75.5
December .....	64.8	64.6	58.7	58.5	54.9	58.2	75.7	75.6	65.6	62.3	-	64.8
<b>2001</b> .....	<b>105.9</b>	<b>105.6</b>	<b>100.1</b>	<b>89.5</b>	<b>85.9</b>	<b>94.0</b>	<b>116.5</b>	<b>116.2</b>	<b>106.1</b>	<b>94.3</b>	-	<b>102.8</b>
<b>2002</b>												
January .....	67.7	67.6	62.8	61.1	59.2	61.8	77.7	77.6	70.6	65.1	-	69.2
February .....	71.3	71.2	66.9	63.2	62.2	64.9	81.2	81.1	75.5	67.6	-	73.5
March .....	88.0	87.8	82.9	79.4	75.1	80.6	97.5	97.3	92.2	83.9	-	90.1
April .....	101.6	101.4	96.8	87.6	81.9	91.3	112.0	111.7	106.3	92.6	-	102.7
May .....	101.0	100.7	96.9	87.4	80.7	91.0	111.6	111.4	105.8	91.5	-	101.9
June .....	100.8	100.6	97.2	87.0	79.3	90.8	111.5	111.3	106.1	91.1	-	102.1
July .....	100.6	100.3	97.5	88.3	80.9	91.5	111.3	111.1	106.1	92.3	-	102.1

See footnotes at end of table.

**Table 12. U.S. Refiner Reformulated Motor Gasoline Prices by Grade and Sales Type**  
(Cents per Gallon Excluding Taxes) — Continued

Year Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average <sup>a</sup>	DTW	Rack	Bulk	Average	Through Retail Outlets	Average <sup>a</sup>	DTW	Rack	Bulk	Average
<b>1994</b> .....	96.6	95.8	86.1	67.7	55.8	77.7	83.1	82.4	77.1	59.9	54.7	68.7
<b>1995</b> .....	92.9	92.4	84.1	70.4	61.6	78.5	80.8	80.3	75.6	63.2	58.2	69.6
<b>1996</b> .....	100.2	99.8	91.0	79.1	70.9	85.9	88.2	87.8	82.8	72.0	68.2	77.4
<b>1997</b> .....	100.5	100.3	91.0	77.5	68.6	85.3	87.6	87.4	82.5	70.3	67.1	76.7
<b>1998</b> .....	84.7	84.5	74.1	W	51.6	68.0	71.7	71.4	65.7	52.9	48.9	59.3
<b>1999</b> .....	96.6	96.3	87.0	71.7	63.9	79.8	84.5	84.1	78.8	65.8	60.8	71.8
<b>2000</b>												
January .....	108.4	108.0	97.1	86.4	75.7	91.2	94.1	93.8	86.9	78.9	73.4	82.4
February .....	113.7	113.4	103.6	95.7	84.3	98.5	100.1	99.8	93.1	88.9	85.2	90.7
March .....	132.0	131.5	121.1	107.8	98.4	114.8	119.0	118.5	111.7	101.0	96.7	106.2
April .....	131.8	131.0	120.7	97.5	86.5	109.3	118.1	117.4	111.2	89.9	85.0	99.7
May .....	129.2	128.7	118.7	111.6	100.6	114.6	115.7	115.3	108.6	103.9	94.4	105.1
June .....	135.1	134.5	125.6	122.4	107.9	122.3	122.4	122.1	114.6	115.2	104.7	113.6
July .....	137.1	136.8	126.7	112.7	107.2	119.8	123.3	123.0	115.7	103.5	101.8	109.3
August .....	132.0	131.5	121.3	112.2	107.3	116.6	118.0	117.7	110.6	103.4	103.1	106.9
September .....	136.6	135.9	126.7	116.9	109.6	121.5	124.0	123.8	117.1	109.3	109.3	113.3
October .....	135.5	134.5	126.0	112.1	101.8	119.3	122.5	122.1	116.4	105.0	104.7	110.9
November .....	134.1	133.3	123.5	110.2	98.8	117.0	120.3	120.0	113.8	102.8	100.2	108.2
December .....	128.3	127.7	117.0	95.0	83.7	107.0	113.8	113.4	106.9	87.8	84.5	96.9
<b>2000</b> .....	<b>129.7</b>	<b>129.1</b>	<b>118.9</b>	<b>106.4</b>	<b>97.2</b>	<b>112.5</b>	<b>116.4</b>	<b>116.0</b>	<b>109.2</b>	<b>99.3</b>	<b>95.7</b>	<b>103.9</b>
<b>2001</b>												
January .....	127.4	126.7	113.3	102.8	92.4	109.1	111.1	110.7	103.0	95.1	89.8	99.1
February .....	127.6	127.1	114.6	104.2	100.9	110.5	111.5	111.3	104.5	96.6	97.3	100.8
March .....	125.6	125.1	115.1	103.6	96.4	109.9	111.6	111.5	105.5	96.2	99.1	101.4
April .....	137.7	137.1	126.8	123.2	123.4	125.4	124.0	123.8	117.0	114.5	113.5	115.7
May .....	153.2	152.1	143.6	130.9	114.8	137.8	138.9	138.5	133.5	121.6	113.2	126.9
June .....	148.6	147.5	139.9	109.8	97.2	126.3	133.5	132.9	129.4	100.1	95.4	113.7
July .....	132.1	131.4	125.8	91.9	81.8	110.4	116.2	115.5	114.6	82.7	79.9	97.1
August .....	123.5	123.0	113.6	100.7	89.0	107.1	107.7	107.3	102.1	92.5	82.5	95.9
September .....	126.5	126.2	114.7	103.3	91.7	108.8	111.7	111.5	104.2	95.6	87.0	99.1
October .....	111.8	111.2	102.1	83.3	71.2	92.8	96.7	96.3	91.4	75.3	72.1	82.9
November .....	96.1	95.7	87.1	71.0	59.8	79.8	81.2	81.0	75.9	63.6	58.8	69.5
December .....	83.7	83.4	74.4	67.7	57.1	71.2	69.2	69.1	62.8	60.1	55.1	61.0
<b>2001</b> .....	<b>123.8</b>	<b>123.2</b>	<b>113.3</b>	<b>98.5</b>	<b>88.4</b>	<b>106.6</b>	<b>109.9</b>	<b>109.5</b>	<b>103.4</b>	<b>91.1</b>	<b>86.2</b>	<b>96.8</b>
<b>2002</b>												
January .....	85.2	85.0	77.1	70.6	61.1	74.0	71.7	71.6	66.6	62.8	59.4	64.5
February .....	88.2	87.9	79.8	72.6	67.9	76.8	75.3	75.1	70.5	64.9	62.8	67.7
March .....	104.0	103.5	94.7	88.6	81.6	92.0	91.7	91.4	86.3	81.0	75.7	83.2
April .....	118.2	117.6	109.7	97.8	87.6	104.0	105.4	105.1	100.3	89.2	82.6	94.3
May .....	119.2	118.6	110.8	96.9	84.7	104.1	105.0	104.7	100.6	89.0	81.2	94.1
June .....	118.7	118.0	110.6	96.1	87.5	104.2	104.9	104.6	100.9	88.6	80.1	93.9
July .....	118.5	117.9	110.9	98.2	87.0	104.5	104.7	104.4	101.1	90.0	81.7	94.6

Dash (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

<sup>a</sup> Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: Values shown for the current month are preliminary. Values shown for previous months are revised. Data are final upon publication in the *Petroleum Marketing Annual*.

Source: Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

**Table 13. U.S. Refiner Reformulated Motor Gasoline Volumes by Grade and Sales Type**  
(Million Gallons per Day)

Year Month	Regular						Midgrade					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total <sup>a</sup>	DTW	Rack	Bulk	Total	Through Retail Outlets	Total <sup>a</sup>	DTW	Rack	Bulk	Total
<b>1994</b> .....	0.6	0.6	2.1	1.6	0.6	4.3	0.2	0.2	0.7	0.3	W	1.0
<b>1995</b> .....	7.8	8.1	20.7	W	W	43.3	3.0	3.1	7.4	3.1	-	10.5
<b>1996</b> .....	10.7	11.1	26.1	20.5	8.0	54.6	3.3	3.4	7.9	3.3	W	11.3
<b>1997</b> .....	13.4	13.8	28.0	21.7	7.6	57.3	3.6	3.7	7.9	3.1	W	11.0
<b>1998</b> .....	14.3	14.5	28.6	23.0	8.3	59.9	3.7	3.8	7.4	3.1	W	10.5
<b>1999</b> .....	14.5	14.8	29.8	26.1	9.6	65.5	3.6	3.7	7.0	3.1	NA	10.2
<b>2000</b>												
January .....	13.2	13.5	27.6	24.9	7.6	60.1	3.2	3.2	6.1	2.6	-	8.6
February .....	14.3	14.6	30.3	28.2	5.3	63.8	3.3	3.4	6.6	3.0	-	9.6
March .....	15.3	15.7	32.8	29.1	6.5	68.5	3.2	3.2	6.3	2.7	-	9.1
April .....	14.3	14.7	31.2	30.2	9.4	70.8	3.1	3.1	6.1	2.7	-	8.8
May .....	15.4	15.8	31.6	29.6	9.3	70.5	3.3	3.3	6.3	2.8	-	9.1
June .....	16.7	17.1	33.4	30.5	9.8	73.6	3.5	3.5	6.4	2.7	-	9.1
July .....	16.2	16.6	32.1	30.0	8.6	70.8	3.4	3.4	6.1	2.5	-	8.6
August .....	16.4	16.8	33.0	30.3	11.2	74.5	3.5	3.5	6.2	2.6	-	8.8
September .....	16.9	17.2	33.5	28.3	9.0	70.8	3.5	3.5	6.2	2.3	-	8.5
October .....	16.0	16.4	33.1	28.8	6.7	68.7	3.3	3.4	6.1	2.3	-	8.4
November .....	16.1	16.5	33.2	28.7	8.6	70.4	3.4	3.4	6.1	2.3	-	8.4
December .....	15.7	16.1	32.9	30.1	9.9	72.9	3.5	3.5	6.2	2.4	-	8.6
<b>2000</b> .....	<b>15.5</b>	<b>15.9</b>	<b>32.1</b>	<b>29.1</b>	<b>8.5</b>	<b>69.6</b>	<b>3.3</b>	<b>3.4</b>	<b>6.2</b>	<b>2.6</b>	-	<b>8.8</b>
<b>2001</b>												
January .....	14.9	15.3	30.4	25.7	4.5	60.6	3.2	3.3	5.5	2.1	-	7.6
February .....	15.9	16.4	32.7	27.5	7.6	67.9	3.4	3.5	5.9	2.2	-	8.1
March .....	16.4	16.8	33.2	28.2	8.4	69.8	3.5	3.5	5.9	2.2	-	8.1
April .....	16.8	17.3	33.6	29.0	7.7	70.3	3.5	3.5	5.8	2.2	-	7.9
May .....	17.1	17.5	33.8	29.9	7.9	71.6	3.3	3.4	5.4	2.2	-	7.7
June .....	17.8	18.3	33.4	31.0	10.9	75.3	3.5	3.5	5.3	2.3	-	7.6
July .....	16.6	17.0	31.5	30.7	12.8	74.9	3.3	3.3	5.1	2.3	-	7.4
August .....	17.3	17.8	32.5	31.9	10.4	74.8	3.4	3.5	5.3	2.4	-	7.7
September .....	16.9	17.4	32.2	29.5	7.6	69.4	3.2	3.3	5.7	2.2	-	8.0
October .....	15.8	16.2	33.0	29.7	10.0	72.7	3.1	3.1	5.9	2.0	-	7.9
November .....	15.4	15.8	32.5	29.2	7.8	69.4	3.0	3.1	5.9	2.0	-	7.9
December .....	15.6	15.9	33.5	28.2	8.2	69.9	3.1	3.1	6.1	2.0	-	8.1
<b>2001</b> .....	<b>16.4</b>	<b>16.8</b>	<b>32.7</b>	<b>29.2</b>	<b>8.7</b>	<b>70.6</b>	<b>3.3</b>	<b>3.3</b>	<b>5.7</b>	<b>2.2</b>	-	<b>7.8</b>
<b>2002</b>												
January .....	16.3	16.6	33.5	28.0	7.1	68.6	3.2	3.3	5.9	1.9	-	7.8
February .....	16.9	17.3	34.0	28.7	6.4	69.0	3.4	3.5	6.0	2.0	-	7.9
March .....	16.7	17.1	34.4	29.6	8.1	72.1	3.4	3.4	5.9	2.0	-	7.9
April .....	17.2	17.6	34.1	31.2	7.6	72.9	3.4	3.5	5.8	2.0	-	7.8
May .....	17.2	17.6	33.5	31.0	8.4	72.9	3.4	3.4	5.8	2.2	-	8.0
June .....	17.2	17.5	34.0	30.1	9.4	73.4	3.4	3.4	5.8	2.1	-	7.9
July .....	17.0	17.3	32.8	31.1	8.8	72.7	3.3	3.4	5.7	2.2	-	7.9

See footnotes at end of table.

**Table 13. U.S. Refiner Reformulated Motor Gasoline Volumes by Grade and Sales Type**  
(Million Gallons per Day) — Continued

Year Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total <sup>a</sup>	DTW	Rack	Bulk	Total	Through Retail Outlets	Total <sup>a</sup>	DTW	Rack	Bulk	Total
<b>1994</b> .....	0.2	0.2	1.2	0.5	0.2	1.9	1.0	1.0	4.0	2.4	0.8	7.2
<b>1995</b> .....	3.1	3.2	12.0	W	W	18.9	14.0	14.4	40.1	25.9	6.6	72.6
<b>1996</b> .....	3.1	3.2	11.7	5.3	1.5	18.6	17.0	17.6	45.7	29.2	9.6	84.5
<b>1997</b> .....	3.4	3.5	11.5	5.3	1.5	18.2	20.3	21.0	47.4	30.1	9.1	86.6
<b>1998</b> .....	3.8	3.9	12.2	W	1.6	19.8	21.8	22.2	48.2	32.0	9.9	90.1
<b>1999</b> .....	3.4	3.5	11.4	6.3	1.9	19.6	21.5	22.0	48.2	35.6	11.5	95.2
<b>2000</b>												
January .....	2.9	2.9	9.8	5.3	2.1	17.2	19.3	19.6	43.5	32.7	9.7	85.9
February .....	2.9	3.0	9.9	5.8	2.4	18.1	20.5	21.0	46.9	37.0	7.6	91.6
March .....	2.6	2.7	9.6	5.2	1.4	16.3	21.1	21.6	48.8	37.1	8.0	93.8
April .....	2.7	2.8	9.2	5.5	1.7	16.4	20.1	20.6	46.4	38.4	11.1	95.9
May .....	3.0	3.0	9.7	5.7	1.6	17.0	21.7	22.1	47.6	38.1	10.9	96.6
June .....	3.1	3.2	9.7	5.1	2.2	17.1	23.3	23.8	49.5	38.3	12.0	99.7
July .....	3.1	3.1	9.2	5.2	2.0	16.4	22.7	23.1	47.3	37.8	10.7	95.8
August .....	3.2	3.2	9.7	5.4	2.3	17.4	23.0	23.6	48.9	38.3	13.5	100.7
September .....	3.1	3.2	9.5	5.0	2.2	16.7	23.4	23.9	49.1	35.5	11.3	95.9
October .....	3.0	3.1	9.5	5.2	1.5	16.1	22.4	22.9	48.7	36.3	8.2	93.2
November .....	3.1	3.2	9.6	5.2	1.5	16.4	22.6	23.0	48.8	36.3	10.1	95.2
December .....	3.2	3.3	10.0	5.6	1.4	17.0	22.4	22.9	49.0	38.1	11.3	98.5
<b>2000</b> .....	<b>3.0</b>	<b>3.1</b>	<b>9.6</b>	<b>5.4</b>	<b>1.9</b>	<b>16.8</b>	<b>21.9</b>	<b>22.4</b>	<b>47.9</b>	<b>37.0</b>	<b>10.4</b>	<b>95.2</b>
<b>2001</b>												
January .....	3.0	3.0	9.1	4.6	0.6	14.3	21.1	21.6	45.1	32.4	5.0	82.6
February .....	3.2	3.3	9.6	4.9	0.8	15.4	22.6	23.2	48.2	34.6	8.5	91.3
March .....	3.3	3.4	9.7	5.1	1.3	16.1	23.2	23.7	48.8	35.6	9.6	94.0
April .....	3.1	3.2	9.4	5.1	1.2	15.6	23.4	24.1	48.7	36.2	8.9	93.8
May .....	2.9	3.0	8.5	4.9	0.7	14.1	23.3	23.9	47.8	37.0	8.5	93.3
June .....	3.1	3.2	8.6	5.0	1.2	14.8	24.4	25.0	47.3	38.3	12.1	97.7
July .....	3.2	3.2	8.8	5.4	1.3	15.4	23.0	23.6	45.3	38.4	14.0	97.8
August .....	3.3	3.4	9.5	5.8	1.4	16.7	24.1	24.7	47.2	40.2	11.8	99.1
September .....	3.2	3.3	8.6	5.3	1.2	15.1	23.4	24.0	46.5	37.0	8.9	92.5
October .....	3.1	3.2	9.4	5.4	1.6	16.5	21.9	22.5	48.3	37.2	11.6	97.1
November .....	3.3	3.4	9.7	5.8	1.0	16.6	21.7	22.2	48.1	37.0	8.8	93.9
December .....	3.4	3.5	10.2	5.6	0.9	16.7	22.1	22.6	49.8	35.8	9.2	94.7
<b>2001</b> .....	<b>3.2</b>	<b>3.3</b>	<b>9.3</b>	<b>5.2</b>	<b>1.1</b>	<b>15.6</b>	<b>22.8</b>	<b>23.4</b>	<b>47.6</b>	<b>36.7</b>	<b>9.8</b>	<b>94.0</b>
<b>2002</b>												
January .....	3.4	3.5	9.8	5.2	0.9	16.0	23.0	23.4	49.3	35.1	8.1	92.4
February .....	3.6	3.7	9.9	5.5	0.7	16.1	23.9	24.4	49.8	36.1	7.1	93.0
March .....	3.4	3.5	9.5	5.2	0.8	15.5	23.5	24.0	49.8	36.7	8.9	95.5
April .....	3.3	3.4	9.2	5.3	1.2	15.7	24.0	24.5	49.0	38.5	8.8	96.4
May .....	3.4	3.5	9.3	5.6	1.2	16.2	24.0	24.5	48.7	38.8	9.5	97.0
June .....	3.5	3.6	9.5	5.5	1.0	16.0	24.0	24.5	49.3	37.7	10.4	97.4
July .....	3.4	3.5	9.3	5.7	1.4	16.4	23.7	24.2	47.8	39.0	10.2	97.0

Dash (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

<sup>a</sup> Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: Values shown for the current month are preliminary. Values shown for previous months are revised. Data are final upon publication in the *Petroleum Marketing Annual*. Totals may not equal the sum of the components due to rounding.

Source: Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

**Table 14. U.S. Propane (Consumer Grade) Prices by Sales Type**  
(Cents per Gallon Excluding Taxes)

Year Month	Sales to End Users							Sales for Resale
	Residential Consumers	Commercial/ Institutional Consumers	Industrial Consumers	Through Retail Outlets	Petro- Chemical	Other End Users	Average	
<b>1994</b> .....	<b>87.2</b>	<b>76.5</b>	<b>65.2</b>	<b>73.6</b>	<b>31.1</b>	<b>63.4</b>	<b>77.6</b>	<b>33.6</b>
<b>1995</b> .....	<b>86.5</b>	<b>77.7</b>	<b>64.6</b>	<b>74.7</b>	<b>32.4</b>	<b>66.2</b>	<b>76.6</b>	<b>35.4</b>
<b>1996</b> .....	<b>99.1</b>	<b>88.4</b>	<b>73.3</b>	<b>75.7</b>	<b>41.3</b>	<b>76.4</b>	<b>88.6</b>	<b>47.1</b>
<b>1997</b> .....	<b>99.6</b>	<b>90.5</b>	<b>77.8</b>	<b>72.6</b>	<b>38.4</b>	<b>74.3</b>	<b>87.8</b>	<b>42.6</b>
<b>1998</b> .....	<b>88.8</b>	<b>81.6</b>	<b>69.2</b>	<b>67.6</b>	<b>27.0</b>	<b>64.7</b>	<b>77.4</b>	<b>29.7</b>
<b>1999</b> .....	<b>88.5</b>	<b>80.8</b>	<b>73.4</b>	<b>85.3</b>	<b>34.1</b>	<b>65.9</b>	<b>78.1</b>	<b>35.4</b>
<b>2000</b>								
January .....	101.7	93.9	86.4	96.8	48.8	77.1	94.1	50.0
February .....	114.4	105.8	96.3	W	56.7	85.8	106.0	60.2
March .....	113.4	101.4	92.8	W	53.4	84.3	101.4	52.8
April .....	110.1	97.5	90.5	W	47.2	82.1	92.8	49.5
May .....	113.4	97.9	91.3	105.6	46.8	87.5	98.0	50.0
June .....	112.8	100.1	93.3	106.8	52.8	91.1	95.9	54.3
July .....	109.2	99.1	94.7	105.2	53.7	89.8	94.2	55.7
August .....	107.0	99.0	97.2	107.1	54.5	89.0	92.5	60.6
September .....	116.9	105.4	102.7	116.0	55.7	93.8	104.7	66.3
October .....	122.7	108.1	105.3	118.6	57.2	92.5	107.5	65.3
November .....	124.0	109.3	106.3	117.7	60.7	95.1	111.5	64.4
December .....	137.5	123.8	118.3	129.0	60.4	107.8	127.6	77.6
<b>2000</b> .....	<b>117.3</b>	<b>104.8</b>	<b>99.0</b>	<b>110.4</b>	<b>54.1</b>	<b>90.7</b>	<b>104.8</b>	<b>60.3</b>
<b>2001</b>								
January .....	156.8	141.6	138.9	147.8	74.2	123.8	147.1	87.4
February .....	144.0	128.2	125.2	134.9	61.2	109.4	131.0	69.8
March .....	134.4	116.7	113.9	126.9	54.7	100.8	117.1	61.7
April .....	129.7	114.2	109.0	124.3	54.2	100.3	111.4	59.5
May .....	129.3	113.6	106.4	126.9	52.4	103.6	104.4	56.9
June .....	118.4	108.8	101.4	120.9	49.0	97.2	97.3	50.0
July .....	109.9	103.3	95.6	114.9	43.8	88.8	89.2	44.5
August .....	105.3	99.2	92.8	113.9	44.6	85.4	88.6	46.3
September .....	109.1	98.0	91.8	109.6	42.6	84.2	87.3	47.3
October .....	111.0	97.5	93.4	105.7	42.9	81.2	90.8	46.9
November .....	110.6	96.1	88.9	W	41.1	84.5	94.6	42.6
December .....	109.7	93.0	90.1	102.0	37.7	83.5	94.5	39.7
<b>2001</b> .....	<b>128.0</b>	<b>113.7</b>	<b>107.2</b>	<b>119.1</b>	<b>47.8</b>	<b>95.3</b>	<b>109.3</b>	<b>55.6</b>
<b>2002</b>								
January .....	110.6	93.7	90.1	103.1	33.2	84.3	99.3	39.3
February .....	110.7	93.5	90.7	102.7	30.8	84.1	98.4	37.8
March .....	107.9	94.5	92.0	101.6	35.9	83.3	97.1	41.0
April .....	110.2	99.1	92.8	103.3	39.6	91.0	95.1	42.6
May .....	110.7	103.5	91.8	102.2	38.6	94.9	93.9	41.6
June .....	109.1	102.4	90.2	102.1	36.7	89.2	87.9	38.8
July .....	101.5	99.7	88.6	101.2	36.8	82.6	87.5	38.4

W = Withheld to avoid disclosure of individual company data.

Notes: The 4th quarter of 1993 was a transitional period between the predecessor EIA-782 survey system and the revised EIA-782 survey system. The revised survey system contains additional product and sales categories, which may not be consistent with categories derived from the predecessor survey system. Beginning January 1994 all data are from the revised survey system and are consistent.

Notes: Values shown for the current month are preliminary. Values shown for previous months are revised. Data are final upon publication in the *Petroleum Marketing Annual*.

Sources: Energy Information Administration Forms EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report," and EIA-782B, "Resellers'/Retailers' Monthly Petroleum Product Sales Report."

**Table 15. U.S. No. 2 Distillate<sup>a</sup> Prices by Sales Type**  
(Cents per Gallon Excluding Taxes)

Year Month	Sales to End Users						Sales for Resale
	Residential Consumers	Commercial/ Institutional Consumers	Industrial Consumers	Through Retail Outlets <sup>b</sup>	Other End Users <sup>c</sup>	Average	
1983 .....	107.8	86.3	88.3	94.3	89.7	93.3	81.8
1984 .....	109.1	85.7	87.0	92.0	89.2	92.6	81.9
1985 .....	105.3	82.1	83.4	88.6	85.3	89.0	78.1
1986 .....	83.6	51.4	53.7	59.8	56.9	61.4	48.0
1987 .....	80.3	56.6	59.7	64.4	63.1	64.3	53.5
1988 .....	81.3	51.9	54.2	61.6	58.7	61.2	48.2
1989 .....	90.0	60.8	63.8	68.5	66.7	69.5	57.2
1990 .....	106.3	75.1	78.0	85.2	82.8	84.1	70.6
1991 .....	101.9	67.5	69.7	74.5	73.8	76.0	62.7
1992 .....	93.4	63.7	67.5	72.1	72.1	72.6	59.1
1993 .....	91.1	62.0	66.7	71.1	70.5	71.0	56.6
1994 .....	88.4	58.7	64.1	67.3	65.5	67.5	52.9
1995 .....	86.7	59.3	64.4	67.0	67.3	67.3	53.6
1996 .....	98.9	71.4	77.1	78.8	79.3	79.3	66.0
1997 .....	98.4	67.4	71.2	74.5	75.3	75.3	61.1
1998 .....	85.2	52.5	55.6	59.3	60.0	59.9	45.0
1999 .....	87.6	60.5	63.9	68.5	68.7	67.8	53.8
<b>2000</b>							
January .....	125.8	85.6	88.1	90.8	90.9	97.9	80.8
February .....	142.5	94.5	96.1	100.2	99.1	107.7	88.6
March .....	123.9	91.1	94.1	101.4	100.4	100.7	84.0
April .....	117.7	86.2	89.9	96.7	96.5	94.8	79.7
May .....	117.2	87.3	91.5	96.9	97.7	94.5	81.5
June .....	116.3	88.6	92.7	98.4	97.5	95.2	82.5
July .....	115.0	89.7	92.5	98.3	98.6	95.5	83.7
August .....	119.0	97.1	99.4	102.2	106.4	101.7	91.6
September .....	132.0	109.8	111.6	116.6	118.2	115.3	104.4
October .....	136.6	109.5	112.8	116.0	119.1	115.8	103.2
November .....	139.7	109.3	112.6	114.6	118.6	116.6	103.0
December .....	141.1	103.6	105.4	108.9	110.1	114.2	95.0
<b>2000 .....</b>	<b>131.1</b>	<b>96.2</b>	<b>99.1</b>	<b>103.6</b>	<b>105.0</b>	<b>104.4</b>	<b>90.1</b>
<b>2001</b>							
January .....	138.7	99.9	103.2	105.4	104.7	111.0	90.8
February .....	134.2	94.5	97.8	101.4	102.9	105.7	85.4
March .....	129.4	87.5	89.7	93.4	95.7	97.7	78.4
April .....	127.2	89.3	94.0	96.7	100.1	97.6	82.4
May .....	124.9	94.6	98.6	104.2	105.7	101.6	88.6
June .....	120.2	91.0	95.8	100.5	101.7	97.8	84.7
July .....	113.6	82.9	87.3	90.5	94.6	89.0	75.6
August .....	114.3	87.5	92.0	94.7	98.0	93.2	80.6
September .....	117.6	90.6	96.3	102.0	102.8	98.5	83.6
October .....	114.1	78.2	84.3	88.6	91.2	87.0	71.5
November .....	110.9	70.4	75.0	79.4	81.6	79.7	62.5
December .....	108.0	64.9	67.0	71.3	73.5	74.8	56.6
<b>2001 .....</b>	<b>125.0</b>	<b>86.0</b>	<b>90.3</b>	<b>94.2</b>	<b>96.3</b>	<b>94.8</b>	<b>78.4</b>
<b>2002</b>							
January .....	109.7	65.3	67.0	69.9	71.0	76.4	56.6
February .....	108.6	65.9	68.4	70.7	72.8	76.3	58.1
March .....	109.9	74.2	77.4	79.1	79.9	83.1	67.3
April .....	111.2	77.6	80.9	84.9	85.1	85.2	71.0
May .....	108.9	77.3	80.5	84.7	85.1	83.8	70.9
June .....	104.9	75.7	79.7	82.7	84.0	81.5	68.6
July .....	102.9	78.0	81.3	84.6	84.4	83.0	71.4
August <sup>d</sup> .....	<sup>E</sup> 105.3	NA	NA	<sup>E</sup> 86.6	NA	NA	<sup>E</sup> 73.9

NA = Not available.

E = Estimated data.

<sup>a</sup> Includes sales of No. 2 fuel oil and high- and low-sulfur diesel fuels.

<sup>b</sup> Includes low-sulfur diesel fuel only.

<sup>c</sup> All end-user sales not included in the other end-user categories shown, e.g., sales to agricultural customers or utilities.

<sup>d</sup> **Data are initial estimates calculated using prior history of the series as well as present and past values of other related time series, such as spot prices and heating degree days. For an explanation of estimation methodology, see the Explanatory Notes.**

Notes: Values shown for the current two months are preliminary. Values shown for previous months are revised. Data are final upon publication in the *Petroleum Marketing Annual*.

Sources: Energy Information Administration Forms EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report," and EIA-782B, "Resellers'/Retailers' Monthly Petroleum Product Sales Report."

**Table 16. U.S. No. 2 Diesel Fuel Prices by Sales Type**  
(Cents per Gallon Excluding Taxes)

Year Month	Sales to End Users					Sales for Resale
	Commercial/ Institutional Consumers	Industrial Consumers	Through Retail Outlets <sup>a</sup>	Other End Users <sup>b</sup>	Average	
<b>1994</b> .....	<b>57.7</b>	<b>64.5</b>	<b>67.3</b>	<b>66.1</b>	<b>62.8</b>	<b>53.8</b>
<b>1995</b> .....	<b>58.8</b>	<b>64.9</b>	<b>67.0</b>	<b>67.7</b>	<b>63.6</b>	<b>54.6</b>
<b>1996</b> .....	<b>71.1</b>	<b>77.5</b>	<b>78.8</b>	<b>79.6</b>	<b>75.7</b>	<b>66.7</b>
<b>1997</b> .....	<b>66.6</b>	<b>71.5</b>	<b>74.5</b>	<b>75.7</b>	<b>71.4</b>	<b>61.6</b>
<b>1998</b> .....	<b>51.6</b>	<b>56.2</b>	<b>59.3</b>	<b>60.4</b>	<b>56.2</b>	<b>45.4</b>
<b>1999</b> .....	<b>60.5</b>	<b>64.5</b>	<b>68.5</b>	<b>69.4</b>	<b>65.4</b>	<b>55.2</b>
<b>2000</b>						
January .....	83.0	87.6	90.8	90.6	87.7	78.5
February .....	91.6	95.5	100.2	98.4	96.5	86.2
March .....	91.3	94.4	101.4	100.8	97.0	85.6
April .....	86.3	90.0	96.7	96.7	92.3	80.4
May .....	87.4	91.6	96.9	98.1	93.3	82.2
June .....	88.8	92.8	98.4	97.9	94.6	83.0
July .....	89.9	92.5	98.3	99.1	95.0	84.2
August .....	97.4	99.2	102.2	106.8	101.0	92.5
September .....	110.0	111.4	116.6	118.4	114.1	105.3
October .....	109.7	113.0	116.0	119.4	114.1	104.5
November .....	109.0	112.4	114.6	118.6	112.9	103.7
December .....	102.2	105.0	108.9	110.6	106.4	94.6
<b>2000</b> .....	<b>95.8</b>	<b>99.0</b>	<b>103.6</b>	<b>105.2</b>	<b>100.6</b>	<b>90.4</b>
<b>2001</b>						
January .....	98.2	102.6	105.4	104.8	102.7	91.2
February .....	93.3	97.9	101.4	102.9	98.4	86.5
March .....	86.3	89.9	93.4	95.9	91.0	78.8
April .....	89.0	94.0	96.7	100.5	94.3	83.2
May .....	95.1	99.1	104.2	105.8	100.8	90.2
June .....	91.6	96.2	100.5	102.0	97.3	85.7
July .....	83.2	87.5	90.5	94.6	88.4	76.2
August .....	88.0	92.4	94.7	98.1	92.7	81.3
September .....	90.9	96.8	102.0	102.9	97.7	84.6
October .....	78.2	84.5	88.6	91.0	84.9	72.1
November .....	69.8	75.0	79.4	81.8	75.9	62.5
December .....	63.2	66.4	71.3	73.2	68.1	55.5
<b>2001</b> .....	<b>85.7</b>	<b>90.4</b>	<b>94.2</b>	<b>96.4</b>	<b>91.2</b>	<b>79.1</b>
<b>2002</b>						
January .....	62.9	66.2	69.9	70.5	67.1	55.3
February .....	64.2	67.8	70.7	72.4	68.2	57.3
March .....	73.2	77.2	79.1	79.8	77.0	67.8
April .....	77.3	81.0	84.9	85.1	82.0	71.5
May .....	77.3	80.4	84.7	85.1	81.9	71.3
June .....	76.0	79.8	82.7	84.2	80.6	69.0
July .....	78.3	81.3	84.6	84.8	82.2	71.8
August <sup>c</sup> .....	NA	NA	<sup>E</sup> 86.6	NA	NA	NA

NA = Not available.

E = Estimated data.

<sup>a</sup> Includes low-sulfur diesel fuel only.

<sup>b</sup> All end-user sales not included in the other end-user categories shown, e.g., sales to agricultural customers or utilities.

<sup>c</sup> **Data are initial estimates calculated using prior history of the series as well as present and past values of other related time series, such as spot prices and heating degree days. For an explanation of estimation methodology, see the Explanatory Notes.**

Notes: The 4th quarter of 1993 was a transitional period between the predecessor EIA-782 survey system and the revised EIA-782 survey system. The revised survey system contains additional product and sales categories, which may not be consistent with categories derived from the predecessor survey system. Beginning January 1994 all data are from the revised survey system and are consistent.

Notes: Values shown for the current two months are preliminary. Values shown for previous months are revised. Data are final upon publication in the *Petroleum Marketing Annual*.

Sources: Energy Information Administration Forms EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report," and EIA-782B, "Resellers'/Retailers' Monthly Petroleum Product Sales Report."

**Table 17. U.S. No. 2 Diesel Fuel Prices by Sulfur Content and Sales Type**  
(Cents per Gallon Excluding Taxes)

Year Month	Low-Sulfur Diesel Fuel						High-Sulfur Diesel Fuel				
	Sales to End Users					Sales for Resale	Sales to End Users				Sales for Resale
	Commercial/ Institutional Consumers	Industrial Consumers	Through Retail Outlets	Other End Users <sup>a</sup>	Average		Commercial/ Institutional Consumers	Industrial Consumers	Other End Users <sup>a</sup>	Average	
<b>1994</b> .....	<b>59.1</b>	<b>66.0</b>	<b>67.3</b>	<b>67.4</b>	<b>64.2</b>	<b>54.2</b>	<b>55.3</b>	<b>62.9</b>	<b>64.6</b>	<b>59.8</b>	<b>51.9</b>
<b>1995</b> .....	<b>59.8</b>	<b>66.3</b>	<b>67.0</b>	<b>68.4</b>	<b>64.5</b>	<b>55.1</b>	<b>56.8</b>	<b>63.6</b>	<b>66.7</b>	<b>61.4</b>	<b>52.4</b>
<b>1996</b> .....	<b>72.3</b>	<b>79.1</b>	<b>78.8</b>	<b>80.6</b>	<b>76.7</b>	<b>67.3</b>	<b>68.7</b>	<b>75.9</b>	<b>78.4</b>	<b>73.2</b>	<b>63.9</b>
<b>1997</b> .....	<b>67.0</b>	<b>72.2</b>	<b>74.5</b>	<b>76.0</b>	<b>71.9</b>	<b>61.9</b>	<b>65.9</b>	<b>70.8</b>	<b>75.3</b>	<b>69.8</b>	<b>60.2</b>
<b>1998</b> .....	<b>51.5</b>	<b>55.7</b>	<b>59.3</b>	<b>60.1</b>	<b>56.5</b>	<b>45.7</b>	<b>51.8</b>	<b>56.7</b>	<b>60.8</b>	<b>55.5</b>	<b>43.7</b>
<b>1999</b> .....	<b>61.7</b>	<b>64.3</b>	<b>68.5</b>	<b>70.4</b>	<b>66.3</b>	<b>55.7</b>	<b>58.0</b>	<b>64.8</b>	<b>67.6</b>	<b>62.0</b>	<b>51.9</b>
<b>2000</b>											
January .....	84.7	86.6	90.8	92.0	88.7	78.8	79.7	89.1	88.3	83.9	76.4
February .....	93.5	93.6	100.2	99.8	97.6	86.7	88.2	98.2	96.1	92.3	83.6
March .....	91.7	92.9	101.4	101.9	97.8	86.1	90.5	96.3	99.0	93.9	81.9
April .....	87.2	88.9	96.7	97.1	93.3	81.1	84.7	91.7	96.0	88.8	76.0
May .....	88.4	89.4	96.9	98.9	94.1	82.6	85.3	95.0	96.9	90.5	78.8
June .....	89.3	90.2	98.4	99.2	95.3	83.5	87.8	96.0	96.0	91.9	80.0
July .....	90.8	90.6	98.3	100.6	96.0	84.5	88.4	94.8	97.0	92.0	82.2
August .....	98.7	97.4	102.2	108.9	101.6	93.1	95.2	101.5	103.6	98.9	88.5
September .....	111.0	109.3	116.6	120.1	114.8	105.9	108.2	114.3	115.9	111.6	102.2
October .....	111.1	110.8	116.0	120.5	114.7	105.0	107.3	115.8	118.0	112.1	101.1
November .....	110.5	109.8	114.6	118.8	113.5	104.3	106.3	116.1	118.4	111.1	100.3
December .....	103.7	103.1	108.9	109.1	106.9	94.9	99.8	107.8	112.8	104.6	92.8
<b>2000</b> .....	<b>96.8</b>	<b>97.1</b>	<b>103.6</b>	<b>106.2</b>	<b>101.4</b>	<b>90.9</b>	<b>93.8</b>	<b>101.7</b>	<b>103.9</b>	<b>98.1</b>	<b>87.5</b>
<b>2001</b>											
January .....	99.2	100.6	105.4	102.9	102.9	91.6	96.4	105.6	109.8	101.6	89.1
February .....	94.1	96.4	101.4	101.9	98.9	87.0	91.9	100.2	104.8	96.6	83.5
March .....	87.2	88.9	93.4	94.8	91.4	79.2	84.8	91.6	97.7	89.5	76.2
April .....	90.5	93.0	96.7	100.4	95.1	83.7	86.3	95.4	100.7	92.0	80.4
May .....	96.7	98.7	104.2	106.5	101.8	90.8	92.3	99.6	104.8	97.2	85.5
June .....	92.8	96.4	100.5	102.0	98.2	86.3	89.4	95.8	102.2	94.3	81.5
July .....	83.9	86.5	90.5	94.3	88.8	76.5	82.0	89.2	95.1	86.9	73.9
August .....	88.5	91.1	94.7	98.0	93.0	81.9	86.9	94.6	98.4	91.5	77.9
September .....	91.9	95.9	102.0	102.3	98.5	85.1	88.8	98.4	103.9	94.5	81.2
October .....	79.1	83.5	88.6	89.3	85.5	72.4	76.5	86.2	94.2	82.8	70.3
November .....	70.8	73.0	79.4	79.8	76.4	62.7	68.1	78.3	85.8	74.0	61.3
December .....	64.1	64.8	71.3	71.1	68.6	55.5	61.7	69.7	77.4	66.3	55.6
<b>2001</b> .....	<b>86.7</b>	<b>89.0</b>	<b>94.2</b>	<b>95.5</b>	<b>91.8</b>	<b>79.4</b>	<b>83.7</b>	<b>92.5</b>	<b>98.0</b>	<b>89.1</b>	<b>76.8</b>
<b>2002</b>											
January .....	63.7	64.8	69.9	68.8	67.6	55.3	61.4	68.6	74.0	65.2	54.7
February .....	65.1	66.6	70.7	71.2	68.7	57.5	62.7	69.9	74.8	66.3	55.7
March .....	73.8	76.2	79.1	78.6	77.2	68.1	71.8	78.8	81.9	75.9	65.3
April .....	78.2	80.7	84.9	83.6	82.5	71.9	75.6	81.6	87.4	80.4	69.0
May .....	77.9	80.0	84.7	82.9	82.2	71.5	76.2	80.8	88.5	81.0	69.8
June .....	77.3	78.9	82.7	81.4	80.8	69.2	73.4	81.0	88.2	79.8	67.6
July .....	79.4	80.2	84.6	83.7	82.7	72.0	76.3	83.1	86.9	80.6	70.1
August <sup>b</sup> .....	NA	NA	<sup>E</sup> 86.6	NA	NA	NA	NA	NA	NA	NA	NA

NA = Not available.

E = Estimated data. Includes on-highway diesel fuel only.

<sup>a</sup> All end-user sales not included in the other end-user categories shown, e.g., sales to agricultural customers or utilities.

<sup>b</sup> Data are initial estimates calculated using prior history of the series as well as present and past values of other related time series, such as spot prices and heating degree days. For an explanation of estimation methodology, see the Explanatory Notes.

Notes: The 4th quarter of 1993 was a transitional period between the predecessor EIA-782 survey system and the revised EIA-782 survey system. The revised survey system contains additional product and sales categories, which may not be consistent with categories derived from the predecessor survey system. Beginning January 1994 all data are from the revised survey system and are consistent.

Notes: Values shown for the current two months are preliminary. Values shown for previous months are revised. Data are final upon publication in the *Petroleum Marketing Annual*.

Sources: Energy Information Administration Forms EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report," and EIA-782B, "Resellers'/Retailers' Monthly Petroleum Product Sales Report."

**Table 18. Prices of No. 2 Distillate to Residences by PAD District and Selected States**  
(Cents per Gallon Excluding Taxes)

Year Month	U.S. Average	PAD District I								
		Average	CT	ME	MA	NH	RI	VT	DE	DC
1978	49.0	-	50.1	48.6	48.8	50.3	50.7	50.8	47.8	50.7
1979	70.4	-	72.0	68.8	70.9	72.5	72.8	72.5	68.2	74.2
1980	97.4	-	98.3	96.3	97.8	100.4	101.1	101.5	95.4	102.6
1981	119.4	-	121.7	120.4	121.3	123.7	123.8	125.4	117.3	127.4
1982	116.0	-	118.3	115.5	117.6	117.4	120.1	120.1	111.3	124.5
1983	107.8	109.0	109.1	102.8	109.1	104.1	110.5	112.9	106.0	117.0
1984	109.1	111.3	112.1	103.9	111.6	108.4	111.4	111.9	109.6	118.7
1985	105.3	106.8	108.0	99.7	107.0	102.4	106.7	107.7	104.6	114.3
1986	83.6	86.2	89.0	74.4	82.1	75.9	82.8	86.6	85.0	93.1
1987	80.3	81.4	83.4	74.7	80.6	76.5	82.5	81.1	79.3	91.8
1988	81.3	82.7	85.3	77.7	82.1	78.2	83.6	82.6	80.1	91.6
1989	90.0	91.7	92.9	89.4	92.6	89.3	93.9	90.5	88.2	98.6
1990	106.3	108.1	109.8	98.9	108.4	102.8	108.6	107.0	105.8	107.8
1991	101.9	104.1	106.2	96.0	103.0	91.6	99.9	101.9	99.7	112.2
1992	93.4	94.9	94.7	87.1	92.5	85.6	91.2	92.1	92.3	105.7
1993	91.1	92.1	91.9	82.6	89.7	82.8	89.3	90.4	89.9	104.5
1994	88.4	89.4	89.0	81.8	87.0	79.2	88.5	87.6	89.4	100.0
1995	86.7	87.5	86.4	78.7	84.4	77.9	87.4	85.3	87.0	101.0
1996	98.9	100.0	98.6	97.2	97.6	94.0	98.6	96.9	98.4	117.8
1997	98.4	99.3	96.3	94.2	96.0	94.2	98.9	98.7	98.4	117.4
1998	85.2	86.2	83.1	78.8	81.8	78.8	86.8	87.3	85.8	102.2
1999	87.6	88.0	85.2	81.3	83.6	77.0	85.8	85.4	88.4	101.1
<b>2000</b>										
January	125.8	128.2	124.5	126.4	123.7	120.9	118.8	117.2	124.2	W
February	142.5	145.8	141.5	140.5	139.6	140.3	132.8	133.2	137.3	W
March	123.9	124.4	120.7	120.8	116.8	123.0	114.8	118.5	120.6	W
April	117.7	118.2	114.0	113.5	111.7	116.4	112.2	114.0	115.2	W
May	117.2	117.8	114.4	115.1	114.3	117.9	114.2	112.3	109.6	W
June	116.3	116.8	113.7	117.1	112.9	117.0	114.2	117.3	103.7	W
July	115.0	115.7	114.1	118.9	111.6	117.9	112.6	119.5	103.7	W
August	119.0	119.4	115.8	124.8	117.4	121.4	115.1	122.2	112.8	W
September	132.0	132.1	129.4	136.2	128.7	132.3	132.6	133.8	124.9	W
October	136.6	136.6	134.5	138.9	132.1	131.5	134.0	130.9	129.7	W
November	139.7	140.4	137.2	141.1	135.1	135.8	138.3	133.4	139.7	W
December	141.1	142.2	139.2	137.3	137.0	136.4	136.9	132.7	140.0	W
<b>2000</b>	<b>131.1</b>	<b>132.5</b>	<b>129.1</b>	<b>129.7</b>	<b>127.3</b>	<b>128.1</b>	<b>125.9</b>	<b>125.5</b>	<b>127.0</b>	<b>W</b>
<b>2001</b>										
January	138.7	139.8	136.7	132.8	132.8	134.8	134.2	132.7	140.1	W
February	134.2	135.2	132.0	129.5	129.6	132.9	129.5	130.6	138.0	W
March	129.4	130.4	129.0	125.6	125.6	130.1	125.6	128.9	129.7	W
April	127.2	127.9	127.2	122.9	124.3	126.9	124.1	127.7	123.2	W
May	124.9	124.7	125.1	121.9	122.7	124.4	122.3	124.9	113.3	W
June	120.2	120.3	119.1	121.6	119.8	125.5	121.6	124.7	110.8	W
July	113.6	114.2	113.6	117.8	113.7	121.2	117.2	122.2	102.0	W
August	114.3	114.3	110.9	115.2	113.5	118.9	118.0	121.5	101.6	W
September	117.6	116.8	116.2	118.7	115.9	118.3	119.7	122.7	106.1	W
October	114.1	114.6	113.3	114.8	113.4	117.6	117.4	120.7	NA	W
November	110.9	112.0	108.9	110.2	110.0	114.8	113.9	118.5	110.3	W
December	108.0	109.8	107.4	108.6	107.0	114.2	111.3	116.9	108.8	W
<b>2001</b>	<b>125.0</b>	<b>126.0</b>	<b>123.9</b>	<b>121.8</b>	<b>122.1</b>	<b>125.6</b>	<b>123.8</b>	<b>125.9</b>	<b>123.5</b>	<b>143.1</b>
<b>2002</b>										
January	109.7	111.6	108.4	109.6	107.5	113.2	112.1	117.4	114.2	W
February	108.6	110.4	106.7	108.7	106.9	114.1	110.9	117.2	111.0	W
March	109.9	111.8	109.3	112.2	111.0	109.6	107.7	116.2	113.0	W
April	111.2	113.0	109.7	111.8	113.8	108.8	112.0	117.6	117.3	129.2
May	108.9	110.9	109.2	111.8	113.6	108.4	109.8	118.1	106.2	NA
June	104.9	107.7	110.5	110.9	110.6	104.7	105.7	114.3	100.5	111.5
July	102.9	105.3	107.1	109.8	111.7	101.3	105.4	111.5	98.5	W
August <sup>a</sup>	E105.3	E106.1	NA							

See footnotes at end of table.

**Table 18. Prices of No. 2 Distillate to Residences by PAD District and Selected States**

(Cents per Gallon Excluding Taxes) — Continued

Year Month	PAD District I (Continued)						PAD District II			
	MD	NJ	NY	PA	VA	WV	Average	IL	IN	MI
1978	49.2	49.6	50.1	48.8	49.1	46.2	—	46.5	48.5	47.9
1979	70.1	71.0	71.2	69.8	70.4	65.1	—	68.8	72.7	70.9
1980	97.9	97.9	98.2	96.4	98.5	92.2	—	95.8	99.6	97.8
1981	121.4	121.5	123.2	118.1	120.5	115.0	—	114.9	118.5	118.3
1982	117.1	117.4	120.5	113.7	117.7	109.3	—	110.9	114.3	113.9
1983	110.3	107.9	112.1	105.8	108.7	101.0	102.0	100.4	100.7	106.4
1984	113.5	111.0	115.5	107.9	110.5	102.1	101.7	100.1	103.1	105.0
1985	108.8	105.9	111.3	102.3	106.3	98.0	99.4	97.5	99.1	102.1
1986	91.4	90.2	91.1	81.4	86.6	74.6	72.7	NA	74.8	81.0
1987	86.6	84.3	85.2	76.9	79.5	76.4	74.8	79.8	75.4	77.5
1988	87.0	84.8	86.3	77.8	80.5	74.2	74.3	77.6	75.4	77.5
1989	93.8	91.8	95.8	85.1	87.0	83.0	81.9	80.9	83.2	85.3
1990	111.9	108.8	112.5	102.6	110.6	99.1	97.8	96.1	99.3	100.9
1991	108.4	104.0	111.3	99.7	101.1	93.4	90.8	92.7	91.8	94.2
1992	100.0	93.9	102.8	89.0	92.8	86.4	82.9	87.7	81.2	87.2
1993	98.1	92.4	100.1	86.3	89.3	85.6	83.3	84.4	81.0	87.2
1994	95.0	89.5	96.6	85.7	85.3	80.9	80.8	78.4	81.2	86.3
1995	93.6	88.8	95.5	82.6	84.4	81.5	80.9	78.5	81.6	86.0
1996	106.3	102.4	106.3	95.3	95.2	96.0	91.3	89.3	91.2	97.7
1997	105.7	103.3	106.5	95.0	94.8	96.2	91.0	87.0	86.5	94.2
1998	90.2	89.2	94.8	81.4	85.6	81.8	76.5	73.5	74.8	80.4
1999	90.7	91.3	96.9	81.5	87.0	78.9	82.3	71.6	79.3	88.3
<b>2000</b>										
January	123.6	134.7	141.6	117.3	120.9	116.1	106.5	100.6	109.6	NA
February	141.5	154.7	162.9	133.1	131.9	130.6	114.3	109.3	116.1	NA
March	126.3	131.6	135.8	114.3	122.4	119.7	114.2	108.3	117.6	NA
April	119.9	124.8	127.4	108.2	114.5	110.3	110.2	104.6	112.4	NA
May	119.6	125.2	127.5	106.5	111.9	110.0	111.1	98.6	108.6	NA
June	115.1	125.0	128.1	106.2	109.2	109.7	112.4	96.0	115.1	NA
July	115.6	124.8	127.7	104.0	108.2	110.2	109.7	NA	112.3	NA
August	120.4	128.0	129.0	109.7	117.7	117.1	115.1	106.8	118.8	NA
September	133.3	139.8	140.5	123.2	130.2	130.3	129.3	124.4	134.0	NA
October	141.5	144.2	147.2	127.2	133.0	132.7	131.5	123.1	135.0	NA
November	147.4	149.9	150.3	131.3	135.8	136.6	131.4	124.2	131.5	NA
December	150.1	147.2	152.2	135.1	137.0	137.4	130.1	123.2	127.0	NA
<b>2000</b>	<b>135.1</b>	<b>140.4</b>	<b>144.2</b>	<b>122.4</b>	<b>126.9</b>	<b>125.1</b>	<b>119.2</b>	<b>109.5</b>	<b>120.7</b>	<b>NA</b>
<b>2001</b>										
January	150.3	146.4	148.6	133.4	141.5	137.1	129.0	122.2	127.1	NA
February	146.5	140.7	143.5	128.3	133.5	127.6	125.7	118.2	123.1	NA
March	140.8	133.9	139.6	121.9	122.8	119.2	117.7	115.3	114.1	NA
April	137.2	132.5	139.6	117.5	117.4	117.1	118.6	NA	112.3	NA
May	128.7	130.9	137.3	112.0	112.9	114.4	123.3	109.6	117.8	NA
June	123.2	128.8	133.2	106.3	112.7	112.5	116.5	103.9	109.8	NA
July	116.9	123.3	126.9	101.9	106.6	104.5	108.4	100.3	102.9	NA
August	117.0	118.5	127.2	104.2	107.7	109.3	113.7	110.4	111.6	NA
September	120.0	120.1	129.1	105.8	110.5	112.6	121.4	121.4	118.2	137.8
October	117.7	118.1	125.9	103.2	106.9	104.3	109.8	109.2	108.2	122.9
November	117.2	114.3	123.3	101.6	102.4	NA	101.4	98.0	98.3	112.8
December	114.3	112.3	119.8	100.3	97.8	95.8	95.0	92.4	93.6	109.0
<b>2001</b>	<b>134.2</b>	<b>131.4</b>	<b>136.5</b>	<b>116.4</b>	<b>120.3</b>	<b>114.2</b>	<b>116.6</b>	<b>111.7</b>	<b>113.4</b>	<b>NA</b>
<b>2002</b>										
January	115.8	113.9	121.7	103.3	101.7	96.8	94.0	86.7	91.9	102.6
February	115.1	113.5	121.0	100.7	99.9	95.7	93.8	84.2	95.7	102.4
March	117.6	117.0	119.0	104.8	101.6	99.5	96.2	83.9	93.8	103.6
April	119.1	120.0	120.0	106.2	99.9	101.2	98.2	84.6	94.9	106.5
May	114.2	118.9	117.6	104.2	96.4	102.0	96.8	82.9	W	106.3
June	111.5	116.5	115.9	102.9	96.4	101.6	92.3	NA	W	107.1
July	109.4	113.5	114.1	97.9	97.3	101.7	93.1	96.7	W	107.4
August <sup>a</sup>	NA	NA	NA	NA	NA	NA	93.6	NA	NA	NA

See footnotes at end of table.

**Table 18. Prices of No. 2 Distillate to Residences by PAD District and Selected States**

(Cents per Gallon Excluding Taxes) — Continued

Year Month	PAD District II (Continued)			PAD District III Average	PAD District IV		PAD District V			
	MN	OH	WI		Average	ID	Average	AK	OR	WA
1978	47.8	47.4	44.7	-	-	43.6	-	53.2	45.8	48.6
1979	72.4	68.6	67.3	-	-	62.1	-	68.2	68.0	69.7
1980	99.9	91.9	91.5	-	-	91.6	-	97.8	97.3	100.8
1981	118.4	113.2	109.1	-	-	110.4	-	118.0	111.4	116.5
1982	115.1	110.2	107.8	-	-	110.4	-	117.4	111.6	117.6
1983	103.1	101.3	101.2	87.4	94.2	101.8	106.4	108.8	103.6	109.0
1984	104.1	102.1	101.0	97.9	96.8	98.5	101.5	106.9	99.3	102.6
1985	101.9	99.7	98.3	92.5	96.1	97.2	100.9	108.3	97.1	101.1
1986	79.2	77.7	75.6	67.4	70.6	73.8	78.1	94.9	70.4	77.5
1987	74.6	74.7	75.1	63.7	69.6	68.8	77.8	86.5	72.5	79.5
1988	73.5	74.7	73.9	62.8	69.1	68.8	76.9	86.9	70.9	78.5
1989	82.4	81.6	81.1	70.7	78.6	77.8	86.6	96.4	80.2	87.4
1990	101.4	98.1	94.2	85.5	97.0	97.4	102.6	110.1	97.0	102.9
1991	91.1	91.0	89.5	78.7	92.4	95.1	99.8	105.0	93.3	101.6
1992	82.6	83.6	81.6	71.3	84.8	85.7	92.1	94.1	87.6	94.0
1993	83.2	84.0	82.3	75.4	86.0	86.2	96.8	96.1	91.8	99.9
1994	80.6	81.2	81.1	71.4	78.6	78.9	90.9	86.5	88.7	95.0
1995	80.1	80.8	81.2	69.0	84.4	83.9	90.6	83.4	89.4	96.2
1996	90.9	92.1	89.9	77.5	94.2	93.3	99.9	90.9	98.9	108.0
1997	89.9	91.3	93.3	73.8	93.7	95.3	106.0	97.3	103.1	113.9
1998	73.8	76.7	80.1	59.1	77.6	78.4	91.4	85.2	86.1	97.8
1999	77.4	82.0	84.7	64.8	80.6	76.2	100.5	96.6	93.8	106.5
<b>2000</b>										
January	101.9	110.5	105.7	NA	90.5	93.5	123.0	122.0	115.6	127.5
February	109.8	120.1	110.2	130.1	104.9	97.7	129.8	126.3	124.9	134.0
March	109.5	116.7	111.8	125.3	113.3	109.2	139.4	131.3	136.1	145.4
April	107.5	111.2	110.2	93.3	NA	105.9	130.7	130.3	127.7	133.8
May	110.2	111.9	109.8	92.9	96.3	96.6	126.2	124.7	121.2	132.0
June	112.8	112.5	109.9	93.5	100.7	NA	122.1	120.4	122.8	128.1
July	111.4	110.4	105.3	106.0	104.8	109.6	121.5	121.8	126.4	NA
August	110.6	111.8	114.6	110.4	105.7	114.1	131.3	130.8	131.3	133.3
September	122.4	129.5	127.8	113.9	122.3	133.3	150.7	140.8	154.4	156.6
October	128.4	133.7	131.8	NA	134.6	140.8	159.1	NA	156.0	162.8
November	128.5	134.0	130.1	W	134.0	140.5	155.9	154.1	150.6	160.5
December	125.7	132.4	130.2	W	127.9	128.4	158.7	152.9	155.8	162.5
<b>2000</b>	<b>115.6</b>	<b>122.0</b>	<b>117.1</b>	<b>111.4</b>	<b>116.4</b>	<b>117.0</b>	<b>139.3</b>	<b>133.7</b>	<b>136.8</b>	<b>144.5</b>
<b>2001</b>										
January	124.5	131.8	128.0	NA	119.7	120.9	142.0	NA	134.3	144.0
February	120.6	126.8	126.5	NA	121.0	114.1	142.5	149.4	134.4	145.4
March	115.2	117.4	120.0	91.9	121.1	108.9	141.3	152.3	129.7	141.9
April	119.5	117.5	118.7	W	121.4	110.3	138.4	NA	130.3	141.8
May	121.3	120.5	122.0	W	W	114.2	141.5	145.6	133.8	144.6
June	114.0	113.0	117.1	W	105.5	111.9	137.2	140.6	129.9	141.3
July	106.4	104.7	110.5	W	105.3	100.9	125.8	131.8	115.4	122.7
August	115.4	110.4	118.4	W	NA	102.1	NA	124.6	116.7	119.0
September	118.7	119.9	123.9	W	NA	107.6	129.0	NA	121.0	128.0
October	105.4	108.3	114.5	W	100.4	100.2	123.3	131.1	110.9	NA
November	99.9	100.8	106.2	88.8	95.2	89.4	115.8	125.7	103.5	118.1
December	90.2	95.0	96.3	81.7	79.3	75.8	107.7	119.9	94.9	110.2
<b>2001</b>	<b>112.6</b>	<b>116.1</b>	<b>118.1</b>	<b>93.5</b>	<b>108.0</b>	<b>103.9</b>	<b>130.9</b>	<b>137.8</b>	<b>121.2</b>	<b>133.6</b>
<b>2002</b>										
January	91.5	94.2	96.8	77.1	79.3	74.7	104.8	114.0	93.6	109.2
February	91.9	94.3	95.6	77.1	79.1	74.5	105.1	114.5	94.3	108.6
March	94.0	101.3	100.3	W	NA	79.2	113.2	110.4	104.4	118.2
April	101.9	103.1	105.1	W	90.6	87.1	115.0	111.8	108.0	124.5
May	100.7	101.4	106.5	W	88.4	82.5	114.1	108.4	107.6	125.3
June	101.8	97.4	101.7	W	86.5	79.1	109.8	105.8	104.3	122.2
July	101.8	95.8	103.7	W	87.7	77.3	105.7	102.6	98.6	117.9
August <sup>a</sup>	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Dash (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

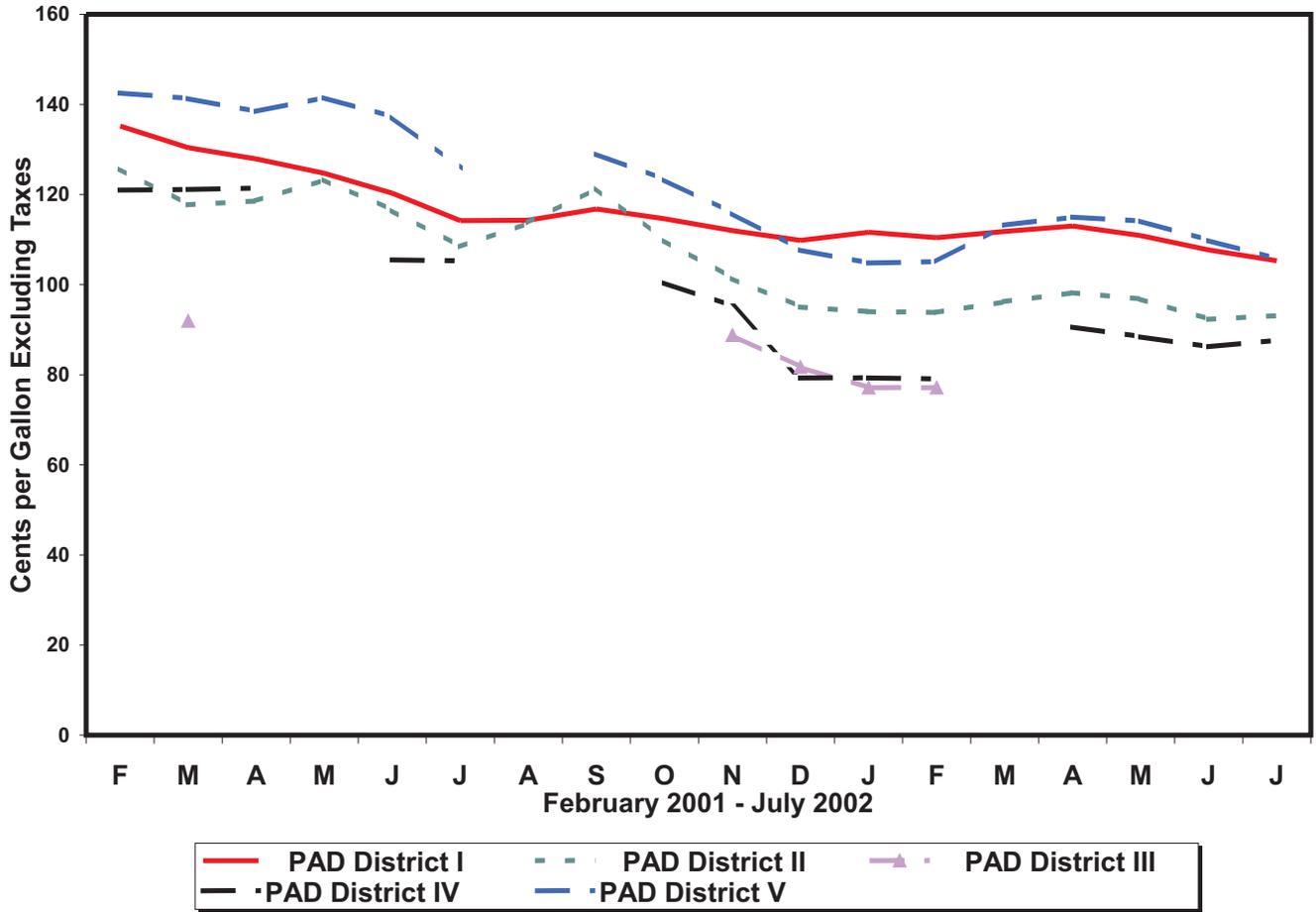
E = Estimated data.

<sup>a</sup> Data are initial estimates calculated using prior history of the series as well as present and past values of other related time series, such as spot prices and heating degree days. For an explanation of estimation methodology, see the Explanatory Notes.

Sources: Energy Information Administration Forms EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report," and EIA-782B, "Resellers'/Retailers' Monthly Petroleum Product Sales Report," January 1983 forward; Form EIA-9A, "No. 2 Distillate Price Monitoring Report," source for backcast estimates prior to January 1983.

Notes: Values shown for the current month are preliminary. Values shown for previous months are revised. Data are final upon publication in the Petroleum Marketing Annual.

**Figure 6. U.S. No. 2 Distillate Prices to Residences by PAD District**



Source: Energy Information Administration, Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report" and Form EIA-782B, "Resellers'/Retailers' Monthly Petroleum Product Sales Report."

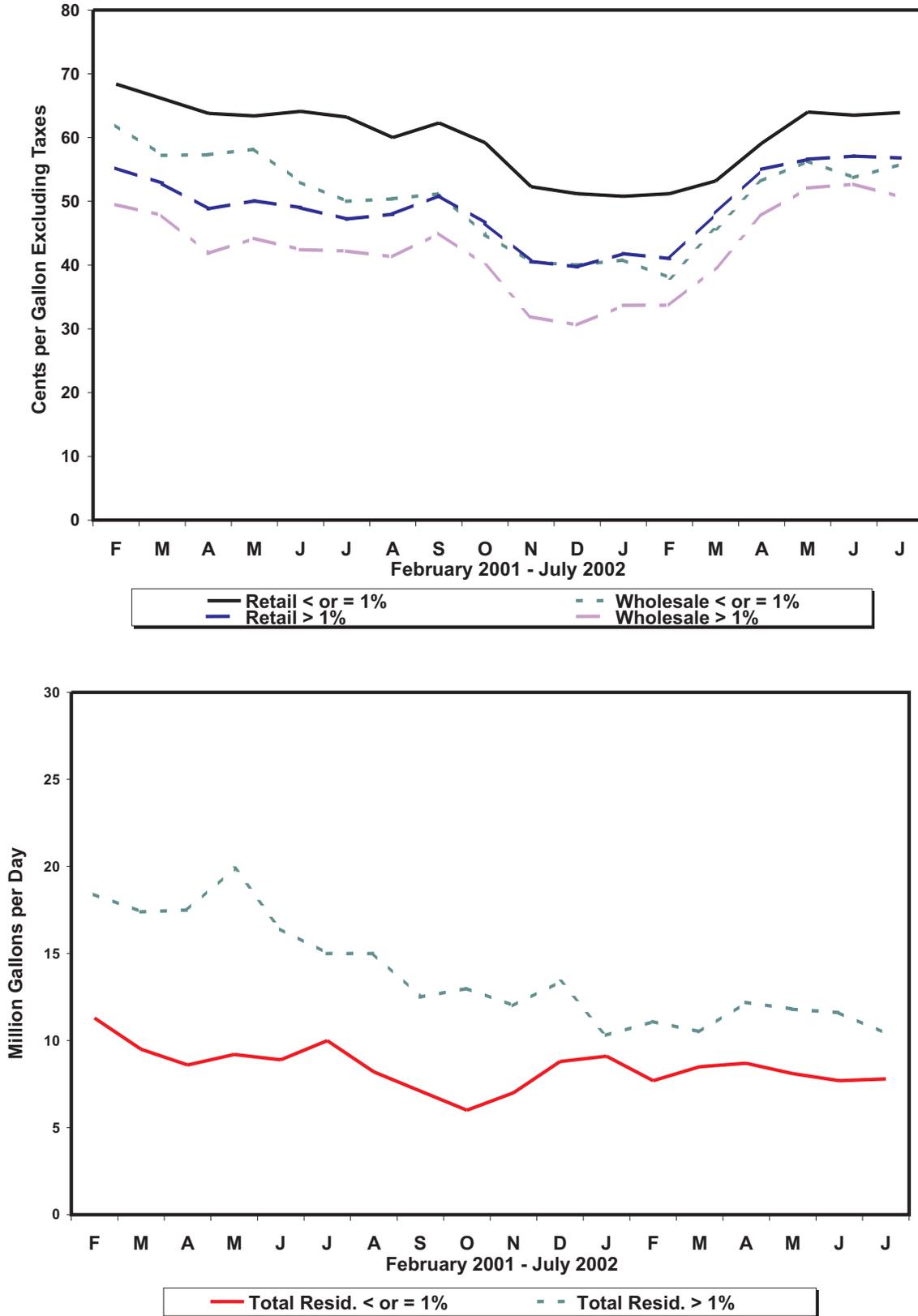
**Table 19. U.S. Refiner Residual Fuel Oil Prices**  
(Cents per Gallon Excluding Taxes)

Year Month	Sulfur Less Than or Equal to 1 Percent		Sulfur Greater Than 1 Percent		Average	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
1978 .....	31.4	29.3	27.5	24.5	29.8	26.3
1979 .....	46.8	45.0	38.9	36.6	43.6	39.9
1980 .....	67.5	60.8	52.3	47.9	60.7	52.8
1981 .....	82.9	74.8	67.3	62.2	75.6	66.3
1982 .....	74.7	69.5	61.1	57.2	67.6	61.2
1983 .....	69.5	64.3	61.1	59.1	65.1	60.9
1984 .....	72.0	68.5	65.9	63.9	68.7	65.4
1985 .....	64.4	61.0	58.2	56.0	61.0	57.7
1986 .....	37.2	32.8	31.7	28.9	34.3	30.5
1987 .....	44.7	41.2	39.6	36.2	42.3	38.5
1988 .....	37.2	33.3	30.0	27.1	33.4	30.0
1989 .....	43.6	40.7	34.4	33.1	38.5	36.0
1990 .....	50.5	47.2	40.0	37.2	44.4	41.3
1991 .....	40.2	36.4	30.6	29.2	34.0	31.4
1992 .....	38.9	35.1	31.2	28.6	33.6	30.8
1993 .....	39.7	33.7	30.3	25.6	33.7	29.3
1994 .....	40.1	34.5	33.0	28.7	35.2	31.7
1995 .....	43.6	38.3	37.7	33.8	39.2	36.3
1996 .....	52.6	45.6	43.3	38.9	45.5	42.0
1997 .....	48.8	41.5	40.3	36.6	42.3	38.7
1998 .....	35.4	29.9	28.7	26.9	30.5	28.0
1999 .....	40.5	38.2	36.2	32.9	37.4	35.4
<b>2000</b> .....						
January .....	66.3	55.3	50.0	44.6	54.6	49.0
February .....	68.8	59.2	54.0	48.6	57.5	53.9
March .....	66.5	53.2	55.9	50.7	57.8	51.9
April .....	65.1	52.3	52.5	44.5	54.7	48.2
May .....	63.2	58.9	54.9	51.7	57.3	54.9
June .....	70.2	65.8	59.0	54.7	62.0	60.0
July .....	69.7	65.1	57.3	50.8	60.3	58.9
August .....	67.0	61.5	53.6	46.7	57.1	53.9
September .....	75.8	71.9	59.2	58.6	62.0	64.5
October .....	76.8	73.7	65.4	57.3	68.6	63.8
November .....	77.1	71.3	59.2	52.8	64.7	61.3
December .....	75.8	66.6	57.0	50.6	62.5	57.9
<b>2000</b> .....	<b>70.8</b>	<b>62.7</b>	<b>56.6</b>	<b>51.2</b>	<b>60.2</b>	<b>56.6</b>
<b>2001</b> .....						
January .....	73.1	64.5	56.2	48.5	61.9	55.6
February .....	68.4	61.9	55.2	49.5	59.8	54.9
March .....	66.1	57.2	52.8	47.8	57.3	51.4
April .....	63.8	57.3	48.8	41.8	53.1	48.0
May .....	63.4	58.2	50.1	44.2	53.7	49.8
June .....	64.1	53.0	49.0	42.4	52.4	47.9
July .....	63.2	50.0	47.2	42.2	51.5	46.3
August .....	60.0	50.4	48.0	41.3	51.1	45.7
September .....	62.3	51.2	50.9	45.0	53.2	48.9
October .....	59.2	44.8	46.6	40.0	49.3	42.4
November .....	52.3	40.5	40.6	31.9	43.2	36.9
December .....	51.2	40.0	39.7	30.6	42.1	36.2
<b>2001</b> .....	<b>64.1</b>	<b>51.7</b>	<b>49.3</b>	<b>42.8</b>	<b>53.3</b>	<b>47.1</b>
<b>2002</b> .....						
January .....	50.8	40.8	41.8	33.7	44.4	38.5
February .....	51.2	38.0	41.0	33.7	43.3	36.6
March .....	53.2	45.7	48.1	39.6	49.5	43.8
April .....	59.1	53.2	55.0	47.8	55.8	51.1
May .....	64.0	56.3	56.6	52.1	58.1	54.5
June .....	63.5	53.7	57.1	52.7	58.4	53.3
July .....	63.9	55.8	56.8	50.7	58.6	53.8

Notes: Values shown for the current month are preliminary. Values shown for previous months are revised. Data are final upon publication in the *Petroleum Marketing Annual*.

Sources: Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report," January 1983 forward; Form EIA-460, "Petroleum Industry Monthly Report for Product Prices," source for backcast estimates prior to January 1983.

**Figure 7. U.S. Refiner Residual Fuel Oil Prices and Volumes**



Source: Energy Information Administration, Form EIA-782A, "Refiners' /Gas Plant Operators' Monthly Petroleum Product Sales Report."

**Table 20. U.S. Refiner Residual Fuel Oil Volumes**  
(Million Gallons per Day)

Year Month	Sulfur Less Than or Equal to 1 Percent		Sulfur Greater Than 1 Percent		Total	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
<b>1983</b> .....	13.4	7.2	14.9	12.9	28.3	20.2
1984 .....	15.1	6.7	17.8	14.6	32.9	21.3
<b>1985</b> .....	11.4	7.0	13.8	12.9	25.2	19.9
1986 .....	15.2	7.9	16.4	10.7	31.6	18.6
1987 .....	15.1	7.8	13.9	9.1	29.0	16.9
1988 .....	14.2	8.7	15.9	10.3	30.2	18.9
1989 .....	13.4	7.9	17.0	13.1	30.4	21.0
1990 .....	11.1	7.4	14.9	10.5	25.9	17.9
1991 .....	8.6	5.6	15.5	12.2	24.0	17.8
1992 .....	7.1	5.2	15.3	10.0	22.4	15.2
1993 .....	6.2	5.7	11.1	6.9	17.2	12.6
1994 .....	4.2	6.6	9.3	6.2	13.5	12.8
1995 .....	2.9	7.7	8.7	5.9	11.6	13.6
1996 .....	3.1	6.3	9.8	7.4	12.9	13.8
1997 .....	3.2	4.8	10.3	6.7	13.4	11.5
1998 .....	3.9	5.7	10.5	9.6	14.4	15.4
1999 .....	3.9	5.3	10.0	6.2	13.9	11.5
<b>2000</b>						
January .....	3.6	3.6	9.2	5.2	12.8	8.8
February .....	2.9	5.2	9.1	5.3	12.0	10.5
March .....	2.0	5.2	9.1	5.4	11.1	10.6
April .....	2.0	5.9	9.3	6.7	11.3	12.6
May .....	3.6	4.3	8.9	5.5	12.4	9.9
June .....	3.5	5.5	9.5	5.9	13.0	11.5
July .....	2.8	5.1	8.9	4.0	11.7	9.1
August .....	3.4	5.0	9.8	5.2	13.2	10.2
September .....	2.1	5.1	10.2	6.5	12.3	11.5
October .....	3.8	4.3	10.0	6.5	13.8	10.8
November .....	4.3	4.6	9.6	5.4	13.9	10.0
December .....	5.6	4.7	13.8	5.5	19.4	10.2
<b>2000</b> .....	<b>3.3</b>	<b>4.9</b>	<b>9.8</b>	<b>5.6</b>	<b>13.1</b>	<b>10.5</b>
<b>2001</b>						
January .....	7.2	4.6	14.0	5.7	21.1	10.3
February .....	6.4	4.9	11.9	6.5	18.3	11.4
March .....	5.5	4.0	10.9	6.5	16.4	10.5
April .....	4.9	3.7	12.0	5.5	16.8	9.2
May .....	4.9	4.3	13.5	6.4	18.4	10.7
June .....	3.3	5.6	11.3	5.1	14.6	10.7
July .....	3.7	6.4	10.0	5.6	13.7	12.0
August .....	3.6	4.6	10.1	4.9	13.6	9.5
September .....	2.4	4.7	9.8	2.7	12.2	7.4
October .....	2.3	4.4	8.6	4.6	10.9	9.0
November .....	2.5	5.1	8.8	3.6	11.3	8.8
December .....	2.5	6.4	9.2	4.2	11.7	10.6
<b>2001</b> .....	<b>4.1</b>	<b>4.9</b>	<b>10.8</b>	<b>5.1</b>	<b>14.9</b>	<b>10.0</b>
<b>2002</b>						
January .....	3.1	5.9	7.6	2.8	10.7	8.6
February .....	2.5	5.2	8.4	2.7	10.9	7.9
March .....	2.7	5.8	7.4	2.7	10.1	8.5
April .....	2.1	6.6	7.9	4.3	10.0	10.9
May .....	1.8	5.7	7.4	4.2	9.2	9.9
June .....	2.0	5.8	7.8	4.0	9.7	9.8
July .....	2.4	5.4	6.9	3.5	9.3	8.8

Notes: Values shown for the current month are preliminary. Values shown for previous months are revised. Data are final upon publication in the *Petroleum Marketing Annual*. Totals may not equal the sum of the components due to rounding.

Source: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report."

# **Crude Oil Prices**

**Table 21. Domestic Crude Oil First Purchase Prices**  
(Dollars per Barrel)

Year Month	U.S. Average		PAD District I				PAD District II						
	U.S. Average	Less AK North Slope	Average	NY	PA	WV	Average	IL	IN	KS	KY	MI	NE
1978 .....	9.00	9.56	12.25	W	14.72	14.48	11.91	13.81	13.70	13.20	13.73	11.86	11.40
1979 .....	12.64	13.01	14.30	W	24.13	23.35	18.33	23.49	23.28	21.57	22.55	14.47	18.13
1980 .....	21.59	22.65	22.66	W	37.46	36.92	30.12	35.78	35.91	34.20	34.98	23.54	30.60
1981 .....	31.77	33.71	35.22	W	36.03	35.63	35.63	36.03	36.07	35.80	35.90	35.74	35.32
1982 .....	28.52	30.43	31.77	30.91	30.77	29.98	31.65	31.69	31.66	30.79	31.19	31.80	30.98
1983 .....	26.19	28.00	28.32	28.19	28.28	27.27	29.17	29.12	29.06	28.45	28.60	28.93	28.58
1984 .....	25.88	27.59	27.76	27.70	27.71	26.90	28.62	28.76	28.72	27.99	28.24	28.54	27.83
1985 .....	24.09	25.74	25.88	25.19	25.05	24.35	25.94	26.90	26.82	25.33	26.20	26.16	25.42
1986 .....	12.51	14.13	14.76	16.03	15.77	14.68	14.30	14.70	14.55	14.02	14.20	14.61	13.70
1987 .....	15.40	16.83	16.52	17.40	17.43	16.56	17.42	17.53	17.49	17.37	17.19	17.63	17.08
1988 .....	12.58	13.97	14.21	W	15.26	14.35	14.65	14.79	14.78	14.55	14.58	14.92	14.08
1989 .....	15.86	17.13	17.16	W	18.15	17.18	18.04	18.36	18.37	18.18	18.36	18.06	17.36
1990 .....	20.03	21.57	22.06	23.32	23.00	22.16	22.88	23.36	23.46	23.21	23.20	22.92	21.94
1991 .....	16.54	18.16	19.01	19.67	19.48	W	19.58	20.19	20.20	19.84	19.84	19.88	18.78
1992 .....	15.99	17.38	18.52	19.05	19.01	18.09	18.63	19.26	19.27	18.50	18.75	18.99	17.51
1993 .....	14.25	15.31	17.28	17.20	17.53	16.76	16.27	16.97	16.97	15.95	16.51	16.79	14.90
1994 .....	13.19	14.30	16.23	15.94	16.13	15.68	15.05	15.76	15.66	14.71	15.33	15.43	13.60
1995 .....	14.62	15.72	17.18	16.74	16.93	16.53	16.39	16.95	16.88	16.19	16.43	16.63	15.18
1996 .....	18.46	19.41	20.82	20.95	20.99	19.59	20.33	20.86	20.67	20.47	20.24	20.32	19.57
1997 .....	17.23	17.92	19.25	18.49	18.79	17.56	18.60	19.11	18.73	18.63	17.97	18.75	18.10
1998 .....	10.87	11.51	13.21	13.66	13.67	11.95	12.29	12.78	12.49	12.19	11.67	12.39	11.50
1999 .....	15.56	16.38	17.36	18.65	18.49	16.46	17.27	17.37	17.31	17.08	16.68	16.63	17.21
<b>2000</b>													
January .....	23.53	24.32	24.95	W	25.77	24.02	25.17	24.36	24.70	24.84	23.38	25.17	24.68
February .....	25.48	26.36	26.23	W	W	W	27.43	27.38	26.83	27.20	25.70	27.51	27.25
March .....	26.19	27.12	28.09	W	W	W	28.31	28.09	27.47	28.10	26.54	28.32	28.07
April .....	23.20	23.54	23.92	W	W	W	24.11	23.91	23.29	23.59	22.25	23.88	23.67
May .....	25.58	26.19	26.76	W	27.62	W	27.28	26.72	26.20	26.91	25.16	28.18	26.56
June .....	27.62	28.13	28.95	W	29.60	W	29.54	29.31	28.79	29.33	27.66	29.33	28.86
July .....	26.81	27.59	28.00	W	28.75	W	28.40	27.95	27.58	28.07	26.43	28.10	27.78
August .....	27.91	28.55	28.58	W	28.97	W	29.44	28.99	28.71	29.10	27.45	28.50	28.88
September .....	29.72	30.51	31.53	W	32.32	W	31.68	31.60	31.31	31.29	30.17	30.49	30.80
October .....	29.65	30.29	30.77	W	31.52	W	31.08	30.70	30.49	30.82	28.61	29.52	30.42
November .....	30.36	31.09	32.14	W	32.53	W	32.50	31.85	31.88	32.26	30.77	30.60	32.14
December .....	24.46	25.79	27.06	W	27.43	W	26.84	26.36	25.94	26.42	25.15	25.23	26.36
<b>2000</b> .....	<b>26.72</b>	<b>27.48</b>	<b>28.12</b>	<b>28.78</b>	<b>28.80</b>	<b>27.12</b>	<b>28.49</b>	<b>28.14</b>	<b>27.91</b>	<b>28.16</b>	<b>26.47</b>	<b>28.12</b>	<b>27.97</b>
<b>2001</b>													
January .....	24.58	25.90	27.16	W	28.02	W	27.56	27.51	26.91	27.25	25.66	27.05	27.39
February .....	25.27	26.40	27.46	W	28.52	W	28.05	27.50	27.21	27.59	26.13	26.24	27.60
March .....	23.02	23.99	24.98	W	26.20	W	25.58	25.08	24.84	24.92	23.78	24.12	24.36
April .....	23.41	24.14	25.32	W	26.31	W	25.66	25.28	25.03	25.16	24.23	24.22	24.82
May .....	24.06	24.84	26.72	W	27.43	W	26.42	26.32	26.10	26.05	25.20	25.37	25.89
June .....	23.43	24.26	25.74	W	26.47	W	25.29	25.21	25.05	24.95	24.23	24.26	24.46
July .....	22.94	23.53	24.26	W	25.18	W	24.39	24.38	24.00	23.86	22.97	23.41	23.98
August .....	23.08	24.12	24.99	W	26.04	W	25.28	24.82	24.71	24.72	23.74	25.38	24.77
September .....	22.37	23.37	24.44	W	25.23	W	24.46	24.06	24.00	24.18	22.99	23.90	24.63
October .....	18.73	19.55	20.27	W	21.32	W	20.15	19.78	19.69	19.69	18.82	20.25	19.66
November .....	16.49	17.57	17.95	W	18.83	W	18.37	17.27	17.19	17.27	16.27	17.69	19.30
December .....	15.54	16.47	17.84	W	18.40	W	17.36	16.99	16.91	16.99	16.10	17.35	16.95
<b>2001</b> .....	<b>21.84</b>	<b>22.77</b>	<b>23.98</b>	<b>24.19</b>	<b>24.82</b>	<b>22.35</b>	<b>23.95</b>	<b>23.76</b>	<b>23.46</b>	<b>23.56</b>	<b>22.53</b>	<b>22.69</b>	<b>23.67</b>
<b>2002</b>													
January .....	15.89	16.69	17.83	W	18.80	W	17.58	17.21	17.14	17.11	16.25	17.67	16.98
February .....	16.92	17.66	18.81	W	19.84	W	18.35	18.22	18.14	18.20	17.35	18.25	17.97
March .....	20.04	20.77	21.47	W	23.06	W	22.16	21.81	21.77	21.93	21.00	21.57	21.66
April .....	22.14	22.80	23.88	W	24.99	W	23.96	23.48	23.49	23.70	22.55	23.84	23.67
May .....	23.51	24.41	25.09	W	25.90	W	24.92	24.51	24.36	24.54	23.29	24.67	24.44
June .....	22.59	23.37	23.95	W	24.39	W	23.92	23.56	23.02	23.29	21.91	23.50	23.25
July .....	23.47	24.33	24.80	W	25.76	W	24.85	24.68	24.23	24.28	23.34	24.44	24.48

See footnotes at end of table.

**Table 21. Domestic Crude Oil First Purchase Prices**

(Dollars per Barrel) — Continued

Year Month	PAD District II (Continued)					PAD District III						Federal Offshore Gulf
	ND	OH	OK	SD	Average	AL	AR	LA	MS	NM	TX	
1978 .....	9.75	13.80	11.30	12.16	9.37	10.52	10.63	9.03	7.91	10.17	9.29	9.86
1979 .....	13.64	22.79	17.53	15.35	12.33	11.97	14.72	11.42	10.74	14.33	12.65	11.23
1980 .....	26.42	36.64	29.25	28.81	21.24	20.57	24.17	19.87	20.85	24.06	21.84	18.87
1981 .....	35.63	36.11	35.43	35.55	35.00	35.80	33.69	35.45	30.47	35.04	35.06	35.07
1982 .....	31.89	30.90	32.04	31.63	31.92	32.32	30.12	32.44	29.04	31.82	31.77	32.61
1983 .....	29.27	28.14	29.67	29.10	29.45	30.07	28.28	30.02	26.76	29.26	29.35	29.77
1984 .....	28.39	27.71	29.11	28.36	29.03	29.39	28.15	29.67	27.26	28.69	28.87	29.36
1985 .....	25.32	25.11	26.28	25.79	26.91	25.77	25.79	27.22	25.51	26.84	26.80	27.33
1986 .....	13.54	15.51	14.47	13.81	14.89	13.91	14.54	15.32	13.63	14.93	14.73	15.27
1987 .....	16.76	17.42	17.62	16.96	17.57	16.80	17.23	17.97	16.78	17.57	17.55	17.54
1988 .....	13.85	15.19	14.86	14.04	14.75	13.86	14.41	15.22	13.98	14.78	14.71	14.71
1989 .....	17.12	18.06	18.23	17.33	17.86	17.27	17.34	18.39	17.00	17.86	17.81	17.83
1990 .....	21.94	23.09	22.95	22.32	22.42	22.09	21.56	23.04	21.06	22.44	22.37	22.40
1991 .....	18.80	19.59	19.59	19.21	19.23	19.05	18.06	20.14	17.65	19.35	19.04	19.41
1992 .....	18.02	18.96	18.74	18.19	18.37	18.22	17.33	19.00	16.70	18.55	18.32	18.35
1993 .....	15.42	17.44	16.47	15.39	16.23	16.21	15.03	16.90	14.59	16.44	16.19	16.15
1994 .....	14.08	15.98	15.33	14.24	14.97	15.00	13.74	15.60	13.45	15.32	14.98	14.75
1995 .....	15.58	16.67	16.68	15.53	16.38	16.35	14.84	17.06	14.76	16.74	16.38	16.17
1996 .....	19.46	19.96	20.60	19.56	20.29	20.24	18.67	20.88	18.95	20.79	20.31	20.03
1997 .....	17.63	17.77	19.05	17.80	18.69	18.58	17.58	19.22	16.94	19.02	18.66	18.63
1998 .....	11.39	12.20	12.73	12.29	12.19	12.08	11.10	12.59	10.33	12.36	12.28	12.03
1999 .....	16.70	16.41	17.77	16.86	17.07	16.71	15.89	17.73	15.42	17.46	17.29	16.66
<b>2000</b>												
January .....	24.97	24.11	25.73	25.44	25.13	24.42	23.69	26.04	22.82	25.44	25.27	24.80
February .....	27.41	26.29	27.72	27.78	27.07	26.57	26.13	28.37	25.10	27.88	27.62	26.03
March .....	28.04	27.68	28.74	28.38	27.78	27.50	26.85	28.95	25.71	28.59	28.42	26.66
April .....	23.75	22.97	24.77	23.83	24.37	23.77	21.82	24.82	21.76	24.51	24.51	24.30
May .....	26.95	25.87	27.91	27.86	26.82	26.04	25.70	27.44	25.02	27.37	27.26	26.18
June .....	29.27	28.27	30.08	29.26	28.58	28.51	28.16	29.92	27.39	29.47	29.30	27.31
July .....	28.04	27.29	29.01	27.91	28.24	27.24	26.91	28.92	26.03	28.85	28.53	27.78
August .....	29.10	27.74	30.21	29.07	29.20	28.49	27.84	30.06	27.34	29.64	29.64	28.48
September .....	31.57	31.35	32.16	31.22	31.12	30.70	30.57	31.88	29.53	31.94	31.87	29.91
October .....	30.86	29.84	31.82	29.06	31.06	30.35	29.66	31.74	28.98	31.43	31.23	30.78
November .....	32.27	30.66	33.28	31.68	31.73	31.71	31.18	33.05	30.35	32.34	32.21	30.79
December .....	26.26	26.33	27.75	26.19	27.32	27.17	25.41	28.44	24.66	27.37	26.88	27.84
<b>2000 .....</b>	<b>28.19</b>	<b>27.49</b>	<b>29.08</b>	<b>28.18</b>	<b>28.22</b>	<b>27.63</b>	<b>26.98</b>	<b>29.03</b>	<b>26.23</b>	<b>28.80</b>	<b>28.60</b>	<b>27.59</b>
<b>2001</b>												
January .....	27.25	25.66	28.17	26.90	27.18	26.92	26.11	28.27	25.08	27.83	27.44	26.54
February .....	27.56	26.10	29.08	27.17	27.44	26.73	26.56	28.89	25.01	28.13	27.75	26.62
March .....	25.02	23.85	26.64	25.47	24.48	24.35	23.89	25.75	21.96	24.76	24.58	24.08
April .....	25.02	23.80	26.63	25.60	24.45	23.99	23.44	25.84	22.31	24.81	24.69	23.90
May .....	26.08	25.03	27.02	26.47	25.13	25.49	24.41	26.60	23.13	25.53	25.52	24.40
June .....	25.00	24.22	25.89	W	24.72	24.89	W	25.44	22.35	24.50	24.56	24.94
July .....	24.04	22.80	25.10	W	24.18	23.95	22.31	25.19	21.18	24.23	23.93	24.43
August .....	24.96	23.61	26.03	W	24.88	24.13	22.89	26.00	22.02	25.41	24.87	24.71
September .....	24.05	23.03	25.08	24.51	24.19	23.61	21.74	25.18	21.67	24.85	24.25	23.95
October .....	19.65	18.85	20.84	20.13	20.47	20.03	17.54	21.65	17.94	19.93	19.78	21.38
November .....	17.69	16.70	19.66	19.13	18.23	19.29	15.14	19.33	15.53	18.56	18.22	18.05
December .....	16.80	15.84	18.04	17.20	17.14	16.94	14.85	18.29	15.11	17.19	16.93	17.29
<b>2001 .....</b>	<b>23.55</b>	<b>22.55</b>	<b>24.68</b>	<b>23.89</b>	<b>23.43</b>	<b>23.18</b>	<b>21.82</b>	<b>24.51</b>	<b>21.13</b>	<b>23.72</b>	<b>23.41</b>	<b>23.29</b>
<b>2002</b>												
January .....	17.16	16.44	18.19	17.49	17.24	17.04	15.11	18.63	15.32	17.48	17.17	17.07
February .....	17.90	17.42	18.81	18.21	18.20	18.18	16.07	19.40	16.41	18.49	18.20	17.95
March .....	21.90	20.73	22.73	22.24	21.11	21.40	19.73	22.93	19.75	22.42	21.94	19.44
April .....	23.58	22.91	24.51	23.97	23.21	23.47	21.43	24.54	22.05	24.13	23.65	22.20
May .....	24.63	23.96	25.51	W	24.73	24.36	22.41	25.72	22.88	24.69	24.66	24.74
June .....	24.39	22.20	24.32	23.31	23.95	23.16	20.89	24.74	21.63	24.24	23.73	24.19
July .....	25.02	23.61	25.28	24.90	24.60	23.94	22.36	25.79	22.87	25.13	24.55	24.45

See footnotes at end of table.

**Table 21. Domestic Crude Oil First Purchase Prices**

(Dollars per Barrel) — Continued

Year Month	PAD District IV					PAD District V				
	Average	CO	MT	UT	WY	Average	AK North Slope	AK Other	CA	Federal Offshore California
1978 .....	9.50	10.84	9.04	9.98	9.16	6.60	5.21	5.45	8.58	6.10
1979 .....	11.98	13.28	12.03	11.41	11.73	11.17	10.57	6.22	12.78	8.06
1980 .....	21.29	22.91	20.53	19.79	21.34	19.09	16.87	10.25	23.87	16.28
1981 .....	33.38	35.69	34.69	34.14	32.30	24.79	23.23	30.15	26.80	24.56
1982 .....	30.14	31.56	31.25	30.50	29.37	21.84	19.92	27.74	24.58	23.37
1983 .....	27.81	28.92	28.80	28.12	27.19	19.66	17.69	23.59	22.61	20.54
1984 .....	27.18	28.09	28.07	27.21	26.73	19.52	17.91	24.37	22.09	20.41
1985 .....	24.78	25.64	25.29	23.98	24.67	19.11	16.98	22.46	22.14	20.08
1986 .....	13.24	13.98	13.58	13.33	12.94	8.53	6.45	13.13	11.90	9.48
1987 .....	16.77	17.71	16.57	17.22	16.45	11.89	10.83	15.48	13.92	11.82
1988 .....	13.85	14.83	13.84	14.24	13.47	9.28	8.43	12.92	10.97	9.41
1989 .....	17.37	18.86	17.03	18.63	16.73	12.71	12.00	16.17	14.06	12.64
1990 .....	21.68	23.16	21.61	22.61	21.04	16.15	15.23	21.16	17.81	16.21
1991 .....	18.21	19.95	18.17	19.99	17.33	12.30	11.57	15.36	13.72	11.33
1992 .....	17.27	19.04	17.08	19.39	16.38	12.32	11.73	15.56	13.55	10.78
1993 .....	15.30	16.59	14.70	17.48	14.59	11.23	10.84	14.11	12.11	9.20
1994 .....	14.27	15.44	13.43	16.38	13.67	10.53	9.77	13.87	12.12	9.32
1995 .....	15.90	16.67	14.93	17.71	15.50	12.08	11.12	15.28	14.00	10.81
1996 .....	19.85	20.47	18.89	21.10	19.56	15.73	15.32	18.43	16.72	13.82
1997 .....	17.80	19.03	17.00	18.57	17.41	15.06	14.84	17.43	15.78	12.97
1998 .....	11.38	12.56	11.28	12.52	10.70	8.80	8.47	11.55	9.55	6.99
1999 .....	16.79	17.37	16.54	17.69	16.47	13.10	12.46	17.44	14.08	11.78
<b>2000</b>										
January .....	24.51	25.49	24.41	25.20	24.05	21.01	20.54	W	21.55	19.58
February .....	26.92	27.78	27.05	27.41	26.48	22.72	22.12	W	23.52	21.79
March .....	27.75	28.70	27.66	28.64	27.24	23.32	22.54	W	24.35	22.68
April .....	23.35	24.34	23.31	23.91	22.90	21.46	21.89	W	21.18	18.30
May .....	26.65	27.99	26.75	27.15	26.06	23.23	22.81	W	23.70	21.90
June .....	28.88	30.19	28.63	29.79	28.31	25.55	25.30	28.90	25.86	24.27
July .....	27.79	29.19	27.68	28.62	27.19	24.05	23.03	W	25.21	23.40
August .....	28.80	30.07	28.92	29.46	28.21	25.75	25.37	W	26.31	24.47
September .....	30.68	31.14	30.89	31.71	30.22	27.23	26.34	W	28.12	27.41
October .....	29.81	31.57	30.22	31.25	28.76	27.43	27.04	W	27.79	27.43
November .....	31.01	33.03	31.53	32.66	29.75	28.03	27.49	W	28.61	27.53
December .....	25.04	27.33	25.59	26.98	23.59	20.38	19.61	W	21.25	21.40
<b>2000 .....</b>	<b>27.60</b>	<b>28.85</b>	<b>27.82</b>	<b>28.53</b>	<b>26.89</b>	<b>24.16</b>	<b>23.62</b>	<b>28.23</b>	<b>24.82</b>	<b>23.32</b>
<b>2001</b>										
January .....	26.06	28.49	27.01	27.89	24.62	20.59	19.84	W	21.45	19.96
February .....	26.24	28.47	26.95	27.88	24.82	21.80	21.05	W	22.73	21.20
March .....	24.13	26.90	24.53	25.44	22.71	20.43	19.48	W	21.77	19.69
April .....	24.23	26.88	24.69	25.51	22.85	21.31	20.55	W	22.41	20.00
May .....	24.97	27.40	25.54	26.60	23.68	21.86	20.95	W	23.07	20.85
June .....	24.23	26.44	24.59	25.62	22.99	21.13	20.22	W	22.40	20.03
July .....	23.52	25.44	23.57	24.60	22.55	20.78	20.54	W	21.07	18.84
August .....	24.43	25.73	24.61	25.40	23.67	19.85	18.79	W	21.12	19.17
September .....	23.25	25.54	23.72	24.52	22.02	19.18	18.27	W	20.29	18.53
October .....	18.84	21.17	18.62	20.24	17.71	15.70	14.93	W	16.47	14.26
November .....	17.56	20.10	17.77	18.10	16.44	13.48	12.29	W	15.11	12.59
December .....	16.17	18.41	16.33	17.46	14.86	12.80	11.96	W	13.85	12.50
<b>2001 .....</b>	<b>22.73</b>	<b>24.82</b>	<b>23.16</b>	<b>24.09</b>	<b>21.55</b>	<b>19.03</b>	<b>18.18</b>	<b>23.30</b>	<b>20.11</b>	<b>18.38</b>
<b>2002</b>										
January .....	16.72	18.52	16.75	17.98	15.70	13.45	12.72	W	14.49	12.60
February .....	17.60	19.71	17.56	18.65	16.63	14.72	14.04	W	15.67	13.50
March .....	21.44	23.38	20.91	22.08	20.64	17.96	17.35	W	18.85	16.95
April .....	23.20	23.83	23.26	24.05	22.63	20.12	19.62	W	20.78	19.17
May .....	24.05	26.29	24.11	25.05	22.86	21.35	20.19	W	23.24	19.41
June .....	23.04	25.57	23.14	24.04	21.71	20.40	19.84	W	21.35	18.70
July .....	24.25	26.16	24.30	24.90	23.29	21.56	20.46	W	23.42	19.87

W = Withheld to avoid disclosure of individual company data.

Notes: The actual domestic average price represents the average price at the lease (or wellhead) at which domestic crude oil is purchased.

Notes: Values shown for the current month are preliminary. Values shown for previous months are revised. Data are final upon publication in the *Petroleum Marketing Annual*.

Sources: Energy Information Administration, Form ERA-182, "Domestic Crude Oil First Purchaser's Report," January 1978 through December 1982; Form EIA-182, "Domestic Crude Oil First Purchase Report," January 1983 to present.

**Table 22. Domestic Crude Oil First Purchase Prices for Selected Crude Streams**  
(Dollars per Barrel)

Year Month	Alaska North Slope	California Midway- Sunset	California Kern River	California Wilmington	Louisiana South Mix	North Dakota Sweet	West Texas Intermediate	West Texas Sour	Wyoming Sour
<b>1994</b> .....	<b>9.77</b>	<b>11.79</b>	<b>11.65</b>	<b>12.47</b>	<b>15.71</b>	<b>14.54</b>	<b>15.65</b>	<b>14.16</b>	<b>11.87</b>
<b>1995</b> .....	<b>11.12</b>	<b>13.37</b>	<b>13.59</b>	<b>14.70</b>	<b>17.14</b>	<b>16.02</b>	<b>17.03</b>	<b>15.52</b>	<b>14.06</b>
<b>1996</b> .....	<b>15.32</b>	<b>15.70</b>	<b>15.97</b>	<b>17.13</b>	<b>20.89</b>	<b>19.82</b>	<b>20.96</b>	<b>19.49</b>	<b>18.16</b>
<b>1997</b> .....	<b>14.84</b>	<b>14.88</b>	<b>15.02</b>	<b>16.44</b>	<b>19.22</b>	<b>17.96</b>	<b>19.27</b>	<b>17.77</b>	<b>15.39</b>
<b>1998</b> .....	<b>8.47</b>	<b>8.48</b>	<b>8.59</b>	<b>9.11</b>	<b>12.55</b>	<b>11.62</b>	<b>12.89</b>	<b>11.50</b>	<b>8.33</b>
<b>1999</b> .....	<b>12.46</b>	<b>12.22</b>	<b>14.02</b>	<b>13.10</b>	<b>17.17</b>	<b>17.06</b>	<b>17.78</b>	<b>16.66</b>	<b>14.70</b>
<b>2000</b>									
January .....	20.54	20.48	20.85	W	25.72	25.20	25.73	24.47	22.13
February .....	22.12	22.54	23.12	W	28.14	27.70	28.09	26.85	24.70
March .....	22.54	23.37	23.99	W	28.67	28.33	28.95	27.61	25.14
April .....	21.89	19.36	19.73	W	24.36	24.02	25.12	23.55	20.87
May .....	22.81	22.58	22.86	W	26.97	27.18	27.77	26.31	24.22
June .....	25.30	24.60	25.45	W	29.39	29.57	29.68	28.30	26.44
July .....	23.03	24.28	24.66	W	28.52	28.19	28.77	27.75	24.93
August .....	25.37	25.28	25.64	W	29.67	29.29	30.00	28.85	25.89
September .....	26.34	26.37	26.16	30.00	31.76	31.74	32.20	31.49	27.99
October .....	27.04	26.53	26.81	W	31.29	31.07	31.61	30.53	25.31
November .....	27.49	27.55	27.44	W	32.63	32.49	32.73	31.36	25.94
December .....	19.61	20.21	19.58	W	28.11	26.60	27.17	25.71	19.24
<b>2000</b> .....	<b>23.62</b>	<b>23.56</b>	<b>23.88</b>	<b>27.61</b>	<b>28.71</b>	<b>28.46</b>	<b>29.16</b>	<b>27.66</b>	<b>24.38</b>
<b>2001</b>									
January .....	19.84	19.77	19.76	W	27.99	27.58	27.80	26.28	20.38
February .....	21.05	20.97	21.47	22.81	28.54	27.91	28.62	25.73	20.44
March .....	19.48	20.35	20.68	22.09	25.32	25.39	25.51	22.75	18.62
April .....	20.55	21.14	21.53	22.97	25.54	25.39	25.50	23.16	18.88
May .....	20.95	21.72	22.13	23.55	26.45	26.49	26.47	23.88	19.70
June .....	20.22	21.10	21.45	23.39	25.89	25.38	25.41	23.01	19.23
July .....	20.54	21.22	20.14	21.71	25.15	24.43	24.74	22.91	19.02
August .....	18.79	21.66	19.92	21.73	25.56	25.35	25.56	24.05	20.94
September .....	18.27	21.00	19.20	20.91	24.77	24.49	25.03	23.40	17.93
October .....	14.93	16.97	15.36	16.79	21.51	20.05	20.55	18.71	13.57
November .....	12.29	13.25	15.80	15.38	19.30	18.01	19.31	16.48	11.73
December .....	11.96	14.69	12.57	14.50	17.74	17.28	17.71	15.99	11.37
<b>2001</b> .....	<b>18.18</b>	<b>19.50</b>	<b>19.03</b>	<b>20.43</b>	<b>24.39</b>	<b>24.00</b>	<b>24.62</b>	<b>22.10</b>	<b>17.63</b>
<b>2002</b>									
January .....	12.72	13.27	13.27	14.96	18.39	17.60	17.80	16.35	12.63
February .....	14.04	14.99	14.77	15.97	19.26	18.35	18.76	17.56	14.13
March .....	17.35	17.15	18.50	19.53	23.13	22.27	22.51	21.59	18.31
April .....	19.62	17.32	21.06	22.36	24.60	24.34	24.34	23.17	20.24
May .....	20.19	22.08	21.49	23.73	25.57	25.00	25.17	24.30	20.38
June .....	19.84	20.59	20.10	22.01	24.50	23.92	24.19	23.22	19.10
July .....	20.46	23.38	21.38	23.79	25.62	25.04	25.19	24.28	21.34

W = Withheld to avoid disclosure of individual company data.

Notes: Values shown for the current month are preliminary. Values shown for previous months are revised. Data are final upon publication in the *Petroleum Marketing Annual*.

Source: Energy Information Administration, Form EIA-182, "Domestic Crude Oil First Purchase Report."

**Table 23. Domestic Crude Oil First Purchase Prices by API Gravity**  
(Dollars per Barrel)

Year Month	20.0 or Less	20.1 to 25.0	25.1 to 30.0	30.1 to 35.0	35.1 to 40.0	40.1 or Greater
<b>1994</b> .....	<b>11.83</b>	<b>12.83</b>	<b>9.79</b>	<b>14.72</b>	<b>14.79</b>	<b>15.62</b>
<b>1995</b> .....	<b>13.26</b>	<b>14.64</b>	<b>11.14</b>	<b>16.15</b>	<b>16.24</b>	<b>16.98</b>
<b>1996</b> .....	<b>16.01</b>	<b>18.61</b>	<b>15.35</b>	<b>19.97</b>	<b>20.23</b>	<b>20.91</b>
<b>1997</b> .....	<b>15.44</b>	<b>16.27</b>	<b>14.87</b>	<b>18.38</b>	<b>18.62</b>	<b>19.26</b>
<b>1998</b> .....	<b>9.22</b>	<b>9.62</b>	<b>8.50</b>	<b>12.03</b>	<b>12.17</b>	<b>12.80</b>
<b>1999</b> .....	<b>14.00</b>	<b>15.30</b>	<b>12.50</b>	<b>16.92</b>	<b>17.18</b>	<b>17.64</b>
<b>2000</b>						
January .....	21.35	23.22	20.57	25.12	25.04	25.66
February .....	23.46	25.79	22.17	27.02	27.34	28.03
March .....	24.45	26.22	22.59	27.70	27.74	28.88
April .....	20.25	21.88	21.89	24.26	24.16	25.00
May .....	23.35	25.04	22.85	26.62	27.30	27.67
June .....	25.84	27.21	25.34	28.55	29.40	29.69
July .....	25.05	26.06	23.08	28.32	28.45	28.79
August .....	25.92	27.10	25.40	29.22	29.53	29.95
September .....	27.06	29.28	26.39	31.05	31.40	32.18
October .....	27.36	27.05	27.03	31.07	31.03	31.58
November .....	28.10	27.99	27.49	31.64	32.50	32.72
December .....	20.28	21.41	19.62	27.14	26.40	27.22
<b>2000</b> .....	<b>24.42</b>	<b>25.64</b>	<b>23.64</b>	<b>28.10</b>	<b>28.36</b>	<b>29.09</b>
<b>2001</b>						
January .....	20.42	22.44	19.86	26.89	27.37	27.84
February .....	21.73	22.60	21.06	27.00	27.62	28.53
March .....	21.09	20.64	19.48	23.91	25.32	25.49
April .....	21.86	21.05	20.53	24.28	25.65	25.43
May .....	22.54	21.89	20.95	24.96	26.32	26.41
June .....	21.86	21.16	20.21	24.76	25.44	25.40
July .....	20.59	20.94	20.52	24.15	24.19	24.76
August .....	20.51	22.23	18.82	24.57	25.09	25.48
September .....	19.73	19.98	18.29	23.96	24.34	24.95
October .....	15.86	15.70	14.94	20.46	20.10	20.67
November .....	14.67	13.92	12.30	17.80	18.17	19.32
December .....	13.22	13.37	11.97	16.88	17.29	17.68
<b>2001</b> .....	<b>19.53</b>	<b>19.59</b>	<b>18.18</b>	<b>23.31</b>	<b>23.99</b>	<b>24.43</b>
<b>2002</b>						
January .....	13.39	14.34	12.74	17.07	17.61	17.85
February .....	14.81	15.48	14.06	17.99	18.45	18.70
March .....	18.25	18.97	17.37	21.44	22.10	22.37
April .....	20.19	20.74	19.64	23.31	24.06	24.16
May .....	22.01	21.75	20.21	24.74	24.90	25.09
June .....	20.43	20.22	19.85	23.87	23.81	24.24
July .....	22.36	22.27	20.48	24.56	24.84	25.16

Notes: Values shown for the current month are preliminary. Values shown for previous months are revised. Data are final upon publication in the *Petroleum Marketing Annual*.

Source: Energy Information Administration, Form EIA-182, "Domestic Crude Oil First Purchase Report."

**Table 24. F.O.B.<sup>a</sup> Costs of Imported Crude Oil by Selected Country**  
(Dollars per Barrel)

Year Month	Selected Countries							Persian Gulf <sup>b</sup>	Total OPEC <sup>c</sup>	Non OPEC
	Angola	Colombia	Mexico	Nigeria	Saudi Arabia	United Kingdom	Venezuela			
1978 .....	13.32	—	13.24	14.05	12.70	13.82	12.38	12.77	13.31	13.23
1979 .....	19.85	—	20.27	21.69	17.28	21.70	16.90	18.77	19.88	20.92
1980 .....	33.45	W	31.06	35.93	28.17	34.36	24.81	28.92	32.21	32.85
1981 .....	35.55	—	33.01	38.31	32.60	36.06	28.95	33.00	35.17	35.12
1982 .....	31.86	—	28.08	35.13	33.73	33.42	23.74	33.55	33.48	30.58
1983 .....	28.14	—	25.20	29.81	27.53	29.91	21.48	27.70	28.46	27.20
1984 .....	27.46	—	26.39	29.51	27.67	28.87	24.23	27.48	27.79	27.45
1985 .....	26.30	—	25.33	28.04	22.04	27.64	23.64	23.31	25.67	25.96
1986 .....	13.30	12.34	11.84	14.35	11.36	13.84	10.92	11.35	12.21	12.87
1987 .....	17.27	17.84	16.36	18.47	15.12	18.28	15.08	15.97	16.43	16.99
1988 .....	13.70	13.61	12.18	15.16	12.16	14.80	12.96	12.38	13.43	13.05
1989 .....	17.66	17.89	15.96	18.31	16.29	17.89	16.09	16.61	17.06	16.72
1990 .....	20.23	20.75	19.26	22.46	20.36	23.43	19.55	18.54	20.40	20.32
1991 .....	18.47	18.49	15.37	20.29	14.62	20.81	14.91	15.22	16.99	16.77
1992 .....	18.41	18.02	15.26	19.98	15.85	19.61	14.39	16.35	16.87	16.66
1993 .....	16.23	15.87	13.74	17.79	13.77	16.64	12.46	14.21	14.78	14.65
1994 .....	15.40	14.99	13.68	16.32	14.12	15.66	12.21	13.97	14.00	14.34
1995 .....	16.58	16.73	15.64	17.40	W	16.94	13.86	W	15.36	16.02
1996 .....	20.71	21.33	19.14	21.27	19.28	19.43	17.73	19.22	18.94	19.65
1997 .....	18.81	18.85	16.72	19.43	15.16	18.59	15.33	15.24	16.26	17.51
1998 .....	12.11	12.56	10.49	12.97	8.87	12.52	9.31	9.09	10.20	11.21
1999 .....	17.46	17.20	15.89	17.32	17.65	19.14	14.33	17.15	15.90	16.84
<b>2000</b>										
January .....	25.99	27.12	23.31	W	25.57	24.47	23.36	25.37	24.45	24.64
February .....	27.71	29.56	26.25	29.07	23.73	26.22	24.93	24.46	25.89	26.98
March .....	27.89	29.43	25.37	26.09	23.64	27.76	23.92	23.17	24.30	26.70
April .....	22.72	25.40	21.91	24.34	27.64	23.62	22.73	25.39	23.92	23.03
May .....	28.36	26.50	25.27	28.85	24.31	25.91	25.12	24.53	25.71	26.07
June .....	29.15	29.98	26.90	30.04	24.82	29.09	26.26	24.54	26.84	28.25
July .....	28.48	27.50	24.89	28.93	26.84	26.92	23.29	26.24	25.77	27.13
August .....	30.40	30.47	26.66	31.06	26.41	26.41	26.45	26.66	27.74	28.09
September .....	30.16	32.66	28.00	30.54	27.81	30.24	26.04	26.87	27.80	29.65
October .....	29.13	32.36	27.29	30.71	23.61	29.05	26.63	24.27	26.71	28.54
November .....	30.27	32.24	27.07	31.92	22.10	30.91	24.08	22.74	25.43	28.80
December .....	24.96	25.66	21.46	25.45	21.65	24.80	20.98	21.63	22.07	23.34
<b>2000</b> .....	<b>27.90</b>	<b>29.04</b>	<b>25.39</b>	<b>28.70</b>	<b>24.62</b>	<b>27.21</b>	<b>24.45</b>	<b>24.72</b>	<b>25.56</b>	<b>26.77</b>
<b>2001</b>										
January .....	24.28	26.72	21.35	26.46	20.55	26.16	21.15	20.78	21.99	22.87
February .....	25.69	27.06	21.39	26.82	21.35	W	20.43	21.60	22.39	23.71
March .....	22.98	23.63	18.81	24.70	20.46	W	19.12	20.43	20.84	21.08
April .....	24.75	25.04	19.78	W	21.11	26.99	21.18	20.78	21.91	21.87
May .....	27.66	26.23	21.20	28.74	21.41	28.19	20.10	20.94	22.03	23.67
June .....	26.82	26.81	21.39	27.63	20.68	W	17.92	20.61	21.41	23.70
July .....	23.85	25.86	19.02	24.98	20.77	24.88	18.70	20.93	20.53	22.20
August .....	24.10	25.23	20.56	25.78	19.24	W	19.67	20.40	21.20	22.63
September .....	24.03	22.78	20.82	24.60	15.69	23.81	17.17	16.30	18.69	22.36
October .....	19.70	20.40	16.45	20.29	14.43	20.48	14.76	14.55	15.92	18.13
November .....	17.49	18.44	14.32	19.02	14.99	W	11.90	14.30	14.06	15.70
December .....	17.53	18.48	14.26	19.08	15.36	W	12.80	15.36	14.64	15.67
<b>2001</b> .....	<b>23.35</b>	<b>24.25</b>	<b>18.89</b>	<b>24.83</b>	<b>19.14</b>	<b>23.51</b>	<b>18.03</b>	<b>19.12</b>	<b>19.81</b>	<b>21.04</b>
<b>2002</b>										
January .....	19.12	18.93	14.25	19.63	W	19.24	13.55	17.56	15.89	16.18
February .....	18.76	19.37	15.91	20.70	21.20	W	14.84	19.88	17.65	17.70
March .....	22.65	23.88	20.21	24.39	23.41	W	19.30	23.12	21.49	21.74
April .....	24.36	25.57	22.42	25.66	23.17	W	20.02	23.40	22.49	23.40
May .....	24.35	26.11	22.83	W	23.19	24.52	19.90	22.78	22.26	23.72
June .....	22.93	24.30	22.02	24.39	23.09	23.24	20.50	23.25	22.13	22.83
July .....	W	W	22.46	26.02	23.45	25.39	22.02	23.49	22.98	23.81

Dash (—) = No data reported.

W = Withheld to avoid disclosure of individual company data.

<sup>a</sup> Free on Board. See Glossary.

<sup>b</sup> Includes Baharain, Iran, Iraq, Kuwait, Neutral Zone, Qatar, Saudi Arabia, and United Arab Emirates.

<sup>c</sup> Includes Algeria, Indonesia, Iran, Iraq, Kuwait, Libya, Nigeria, Qatar, Saudi Arabia, United Arab Emirates and Venezuela. In addition, it included Ecuador in 1978 through 1992 and Gabon in 1978 through 1995.

Notes: Values through 1980 reflect the month of reporting; values since then reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail.

Notes: Values for the current 2 months are preliminary. Values shown for previous months are revised. Data are final upon publication in the *Petroleum Marketing Annual*.

Sources: Energy Information Administration, Form FEA-F701-M-0, "Transfer Pricing Report," January 1978 through December 1978; Form ERA-51, "Transfer Pricing Report," January 1979 through September 1982; Form EP-51, "Monthly Foreign Crude Oil Transaction Report," October 1982 through June 1984; Form EIA-856, "Monthly Foreign Crude Oil Acquisition Report," July 1984 to present.

**Table 25. Landed Costs of Imported Crude Oil by Selected Country**  
(Dollars per Barrel)

Year Month	Selected Countries								Persian Gulf <sup>a</sup>	Total OPEC <sup>b</sup>	Non OPEC
	Angola	Canada	Colombia	Mexico	Nigeria	Saudi Arabia	United Kingdom	Venezuela			
1978	14.07	14.41	—	13.56	14.88	13.94	14.53	12.84	14.01	14.34	14.38
1979	21.06	20.22	—	20.77	22.97	18.95	22.97	17.65	20.42	21.29	22.10
1980	34.76	30.11	W	31.77	37.15	29.80	35.68	25.92	30.59	33.56	33.99
1981	36.84	32.32	—	33.70	39.66	34.20	37.29	29.91	34.61	36.60	36.14
1982	33.08	27.15	—	28.63	36.16	34.99	34.25	24.93	34.94	34.81	31.47
1983	29.31	25.63	—	25.78	30.85	29.27	30.87	22.94	29.37	29.84	28.08
1984	28.49	26.56	—	26.85	30.36	29.20	29.45	25.19	29.07	29.06	28.14
1985	27.39	25.71	—	25.63	28.96	24.72	28.36	24.43	25.50	26.86	26.53
1986	14.09	13.43	12.85	12.17	15.29	12.84	14.63	11.52	12.92	13.46	13.52
1987	18.20	17.04	18.43	16.69	19.32	16.81	18.78	15.76	17.47	17.64	17.66
1988	14.48	13.50	14.47	12.58	15.88	13.37	15.82	13.66	13.51	14.18	13.96
1989	18.36	16.81	18.10	16.35	19.19	17.34	18.74	16.78	17.37	17.78	17.54
1990	21.51	20.48	22.34	19.64	23.33	21.82	22.65	20.31	20.55	21.23	20.98
1991	19.90	17.16	19.55	15.89	21.39	17.22	21.37	15.92	17.34	18.08	17.93
1992	19.36	17.04	18.46	15.60	20.78	17.48	20.63	15.13	17.58	17.81	17.67
1993	17.40	15.27	16.54	14.11	18.73	15.40	17.92	13.39	15.26	15.68	15.78
1994	16.36	14.83	15.80	14.09	17.21	15.11	16.64	13.12	15.00	15.08	15.29
1995	17.66	16.65	17.45	16.19	18.25	16.84	17.91	14.81	16.78	16.61	16.95
1996	21.86	19.94	22.02	19.64	21.95	20.49	20.88	18.59	20.45	20.14	20.47
1997	20.24	17.63	19.71	17.30	20.64	17.52	20.64	16.35	17.44	17.73	18.45
1998	13.37	11.62	13.26	11.04	14.14	11.16	13.55	10.16	11.18	11.46	12.22
1999	18.37	17.54	18.09	16.12	17.63	17.48	18.26	15.58	17.37	16.94	17.51
<b>2000</b>											
January	27.21	24.66	27.39	23.77	26.99	26.79	25.86	24.31	26.47	25.86	25.37
February	28.77	26.14	29.74	26.52	29.05	25.42	27.48	25.90	25.94	26.61	27.45
March	29.14	27.27	29.67	26.29	29.04	24.95	28.99	25.55	25.37	26.23	27.76
April	24.50	24.86	26.34	22.53	25.78	25.77	25.60	23.72	25.20	24.97	24.46
May	29.49	25.25	27.40	25.66	27.93	26.66	26.79	26.19	26.64	26.84	26.60
June	30.79	28.01	30.60	27.61	31.06	26.71	30.61	27.80	26.90	28.06	29.07
July	30.74	27.98	29.40	25.75	31.14	27.81	30.57	25.21	27.68	27.96	28.69
August	32.41	28.09	30.34	27.25	31.59	28.37	29.27	28.16	28.17	29.00	29.06
September	32.46	29.94	33.84	28.94	32.63	30.03	31.95	28.33	29.77	30.13	30.90
October	31.87	28.32	33.68	28.10	33.10	27.47	31.06	28.54	27.97	29.06	30.08
November	32.80	26.91	33.36	27.76	34.02	25.69	32.93	26.34	26.61	27.86	29.74
December	27.05	23.47	28.12	21.91	27.77	24.52	28.86	23.13	24.64	24.82	24.72
<b>2000</b>	<b>29.57</b>	<b>26.69</b>	<b>29.68</b>	<b>26.03</b>	<b>30.04</b>	<b>26.58</b>	<b>29.26</b>	<b>26.05</b>	<b>26.77</b>	<b>27.29</b>	<b>27.80</b>
<b>2001</b>											
January	26.56	21.98	28.27	21.53	28.37	23.79	28.27	23.04	23.81	24.29	24.03
February	27.48	22.47	28.71	21.61	28.74	23.24	29.12	22.15	23.18	24.04	24.62
March	24.87	21.62	26.21	19.55	27.40	22.47	26.29	21.13	22.42	23.17	22.48
April	26.63	21.39	26.71	19.57	27.01	22.68	26.45	22.53	22.35	23.33	22.87
May	28.58	22.63	27.83	21.22	29.33	22.86	28.27	21.91	22.65	23.77	24.73
June	28.40	22.53	28.86	21.34	29.31	22.61	26.91	20.35	22.20	23.21	24.42
July	25.59	22.60	27.45	19.65	26.68	22.46	26.02	20.23	22.23	22.39	23.48
August	25.54	23.97	26.31	21.20	27.01	21.80	25.91	21.21	22.04	22.69	23.96
September	25.66	22.55	24.86	21.40	26.45	19.08	24.83	19.33	19.82	20.99	23.48
October	21.21	18.42	21.77	17.19	22.35	16.33	21.27	16.26	17.02	17.63	19.26
November	18.91	14.84	20.22	14.82	20.41	16.44	W	13.62	16.17	16.12	16.39
December	18.49	14.65	18.92	14.63	19.98	16.32	W	14.40	15.85	16.01	16.09
<b>2001</b>	<b>25.10</b>	<b>20.72</b>	<b>25.88</b>	<b>19.36</b>	<b>26.53</b>	<b>21.00</b>	<b>25.38</b>	<b>19.81</b>	<b>20.76</b>	<b>21.54</b>	<b>22.17</b>
<b>2002</b>											
January	20.03	15.66	19.86	14.87	20.41	18.92	20.49	15.10	17.92	17.51	16.96
February	19.70	18.00	20.32	16.29	21.57	22.00	20.83	16.47	20.69	19.68	18.55
March	22.99	20.05	24.54	20.39	24.33	23.93	23.72	20.80	23.29	22.76	21.72
April	25.24	23.37	26.22	22.90	26.47	24.22	25.35	22.02	24.09	24.05	24.26
May	25.56	23.97	25.85	23.45	26.56	24.48	25.93	21.92	24.30	24.09	24.78
June	24.43	23.17	24.99	22.58	25.55	24.40	25.12	22.29	24.32	23.87	23.93
July	W	24.37	26.15	23.07	26.82	24.69	26.31	23.51	24.62	24.42	24.77

Dash (—) = No data reported.

W = Withheld to avoid disclosure of individual company data.

<sup>a</sup> Includes Bahrain, Iran, Iraq, Kuwait, Neutral Zone, Qatar, Saudi Arabia, and United Arab Emirates.

<sup>b</sup> Includes Algeria, Indonesia, Iran, Iraq, Kuwait, Libya, Nigeria, Qatar, Saudi Arabia, United Arab Emirates and Venezuela. In addition, it included Ecuador in 1978 through 1992 and Gabon in 1978 through 1995.

Notes: Values through 1980 reflect the month of reporting; values since then reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail.

Notes: Values for the current 2 months are preliminary. Values shown for previous months are revised. Data are final upon publication in the *Petroleum Marketing Annual*.

Sources: Energy Information Administration, Form FEA-F701-M-0, "Transfer Pricing Report," January 1978 through December 1978; Form ERA-51, "Transfer Pricing Report," January 1979 through September 1982; Form EP-51, "Monthly Foreign Crude Oil Transaction Report," October 1982 through June 1984; Form EIA-856, "Monthly Foreign Crude Oil Acquisition Report," July 1984 to present.

**Table 26. F.O.B.<sup>a</sup> Costs of Imported Crude Oil by API Gravity**

(Dollars per Barrel)

Year Month	20.0 or Less	20.1 to 25.0	25.1 to 30.0	30.1 to 35.0	35.1 to 40.0	40.1 to 45.0	45.1 or Greater
1978 .....	11.98	11.74	12.51	13.06	13.62	14.00	14.01
1979 .....	14.43	18.54	19.91	19.54	21.24	21.65	19.77
1980 .....	23.09	28.76	30.72	30.31	34.33	35.39	36.13
1981 .....	26.70	31.20	33.61	34.38	36.85	38.42	38.59
1982 .....	23.08	25.82	31.48	33.56	34.29	34.82	34.48
1983 .....	21.77	24.27	27.38	29.04	29.74	30.10	30.12
1984 .....	24.10	25.31	27.22	28.55	29.18	29.40	28.02
1985 .....	23.45	24.27	24.86	26.46	27.43	27.79	26.90
1986 .....	10.51	10.96	12.25	12.83	13.83	14.19	13.76
1987 .....	15.21	15.37	15.76	17.24	17.99	18.03	17.37
1988 .....	11.92	11.65	12.48	13.82	14.38	14.89	15.25
1989 .....	14.00	14.89	16.95	17.50	18.09	18.23	18.05
1990 .....	15.98	18.00	20.54	20.77	22.19	22.78	22.28
1991 .....	11.91	13.72	16.33	17.67	20.15	19.69	20.85
1992 .....	11.83	13.96	16.74	18.02	19.50	19.58	20.05
1993 .....	11.33	12.22	15.14	15.44	17.04	17.53	17.61
1994 .....	11.43	12.19	14.45	14.93	15.91	15.70	16.11
1995 .....	13.35	13.93	16.14	16.19	17.25	17.30	17.32
1996 .....	16.01	17.26	19.90	20.04	21.20	21.00	21.59
1997 .....	13.12	14.94	17.49	17.61	19.37	19.88	19.77
1998 .....	7.00	8.95	10.77	11.73	12.91	13.12	12.92
1999 .....	12.13	14.49	17.07	17.33	18.03	18.81	17.00
<b>2000</b>							
January .....	20.78	22.01	25.33	25.61	26.22	26.90	W
February .....	22.50	24.68	26.66	27.10	28.23	29.39	W
March .....	20.88	23.52	26.43	25.79	27.82	28.50	28.43
April .....	19.59	21.40	23.83	24.40	24.48	25.38	W
May .....	22.34	24.04	25.57	26.67	28.21	27.89	W
June .....	23.49	25.78	27.69	28.56	30.29	30.91	W
July .....	20.88	24.11	27.35	27.90	28.51	29.50	W
August .....	23.83	25.23	27.88	28.78	30.54	32.09	W
September .....	23.86	26.16	28.79	29.00	32.40	32.63	W
October .....	23.71	25.18	27.67	28.30	30.87	32.19	31.94
November .....	22.14	23.66	26.47	28.51	31.63	32.60	W
December .....	17.44	19.00	23.84	24.48	25.79	27.83	W
<b>2000</b> .....	<b>21.81</b>	<b>23.75</b>	<b>26.49</b>	<b>27.09</b>	<b>28.77</b>	<b>29.55</b>	<b>29.89</b>
<b>2001</b>							
January .....	18.61	18.86	22.14	23.30	26.77	27.60	W
February .....	17.32	19.40	24.41	24.11	26.74	27.82	W
March .....	16.83	18.14	21.13	22.47	24.50	25.19	W
April .....	17.79	18.87	22.58	23.01	25.01	W	W
May .....	18.02	18.96	24.91	24.12	26.55	27.63	W
June .....	16.91	18.25	24.10	24.36	25.64	27.61	28.23
July .....	16.56	18.44	22.47	22.57	24.62	25.72	W
August .....	18.27	19.87	24.13	22.84	25.22	26.69	-
September .....	17.29	18.60	22.33	20.82	24.00	24.91	23.65
October .....	14.07	14.59	18.98	17.56	20.43	21.12	21.89
November .....	10.92	12.06	16.55	16.47	18.13	18.97	W
December .....	11.68	12.63	16.09	16.65	18.12	18.91	W
<b>2001</b> .....	<b>16.23</b>	<b>17.22</b>	<b>21.84</b>	<b>21.57</b>	<b>23.94</b>	<b>24.83</b>	<b>25.39</b>
<b>2002</b>							
January .....	12.39	13.11	17.42	18.07	19.10	19.65	W
February .....	13.85	14.69	18.85	19.56	20.31	20.46	W
March .....	17.53	19.65	21.65	23.20	23.86	24.42	22.74
April .....	18.88	21.33	23.72	24.20	25.54	25.71	W
May .....	19.41	21.58	23.90	23.91	25.42	25.78	25.58
June .....	19.46	21.12	22.87	23.73	24.33	24.47	24.99
July .....	20.24	21.71	24.21	24.74	25.84	25.88	25.55

Dash (-) = No data reported.

W = Withheld to avoid disclosure of individual company data.

<sup>a</sup> Free on Board. See Glossary.

Notes: Values through 1980 reflect the month of reporting; values since then reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail.

Notes: Values for the current 2 months are preliminary. Values shown for previous months are revised. Data are final upon publication in the *Petroleum Marketing Annual*.

Sources: Energy Information Administration, Form FEA-F701-M-0, "Transfer Pricing Report," January 1978 through December 1978; Form ERA-51, "Transfer Pricing Report," January 1979 through September 1982; Form EP-51, "Monthly Foreign Crude Oil Transaction Report," October 1982 through June 1984; Form EIA-856, "Monthly Foreign Crude Oil Acquisition Report," July 1984 to present.

**Table 27. Landed Costs of Imported Crude Oil by API Gravity**  
(Dollars per Barrel)

Year Month	20.0 or Less	20.1 to 25.0	25.1 to 30.0	30.1 to 35.0	35.1 to 40.0	40.1 to 45.0	45.1 or Greater
1978 .....	12.75	13.11	13.76	14.10	14.69	14.87	15.16
1979 .....	15.57	20.05	20.88	21.01	22.61	23.06	21.23
1980 .....	24.54	29.65	31.83	31.73	35.81	36.85	37.57
1981 .....	27.94	32.00	34.86	35.71	38.36	39.78	39.97
1982 .....	24.17	26.46	32.62	34.76	35.43	35.78	35.81
1983 .....	23.17	24.95	28.62	30.25	30.96	31.28	31.27
1984 .....	25.08	25.97	28.38	29.58	30.16	30.16	29.05
1985 .....	24.33	24.65	26.17	27.10	28.29	28.39	27.73
1986 .....	11.30	11.49	13.28	13.59	14.99	14.80	15.37
1987 .....	16.14	15.87	17.21	18.16	18.72	18.89	18.57
1988 .....	12.75	12.11	13.54	14.35	15.21	15.74	16.24
1989 .....	14.90	15.42	17.59	17.87	18.74	19.05	19.13
1990 .....	16.82	18.54	21.59	21.18	22.47	23.47	23.41
1991 .....	13.06	14.41	17.17	18.65	20.86	20.88	22.15
1992 .....	12.89	14.58	17.39	18.50	20.11	20.55	20.95
1993 .....	12.44	12.96	15.72	16.06	17.88	18.38	18.22
1994 .....	12.42	12.93	15.10	15.61	16.65	16.64	16.91
1995 .....	14.43	14.81	16.84	17.13	17.96	18.17	17.90
1996 .....	17.18	18.11	20.53	20.87	21.74	21.71	22.28
1997 .....	14.42	15.79	18.57	18.42	20.34	21.09	20.85
1998 .....	8.19	9.73	11.81	12.31	13.73	14.40	14.38
1999 .....	13.40	15.30	17.33	17.81	18.18	19.22	18.48
<b>2000</b>							
January .....	21.71	22.62	25.60	26.71	27.25	27.29	27.02
February .....	23.74	24.89	26.96	27.33	28.58	29.84	28.76
March .....	22.65	24.63	27.51	26.52	28.93	29.64	30.68
April .....	20.75	22.65	24.57	25.38	25.94	26.36	28.73
May .....	23.17	24.51	26.34	27.38	28.56	27.99	29.44
June .....	25.13	26.62	28.81	28.49	30.89	31.68	31.80
July .....	22.74	25.57	28.57	28.70	30.59	31.53	31.79
August .....	25.47	26.23	28.63	29.23	31.66	32.83	32.35
September .....	25.76	27.50	30.69	30.75	33.80	33.95	33.72
October .....	25.78	26.48	29.66	29.78	32.68	33.81	34.38
November .....	24.33	24.74	29.46	28.80	33.22	34.53	34.59
December .....	19.34	20.36	25.31	25.92	27.86	29.94	29.74
<b>2000</b> .....	<b>23.49</b>	<b>24.71</b>	<b>27.60</b>	<b>27.91</b>	<b>29.99</b>	<b>30.37</b>	<b>31.10</b>
<b>2001</b>							
January .....	20.53	19.34	24.50	25.31	27.96	28.90	28.41
February .....	18.64	19.82	25.39	25.11	28.11	29.51	28.13
March .....	18.81	19.09	23.41	23.75	26.33	27.39	27.59
April .....	19.12	19.14	24.22	23.60	26.23	28.07	30.07
May .....	19.57	19.84	26.51	24.49	27.51	27.64	26.93
June .....	18.07	19.29	25.71	24.46	26.70	29.38	28.57
July .....	17.86	19.55	24.07	23.25	25.78	28.15	30.27
August .....	19.67	21.04	24.92	23.21	25.89	27.59	27.03
September .....	18.87	19.99	23.56	21.48	24.92	26.30	25.87
October .....	15.26	15.86	19.91	18.30	21.15	22.38	23.79
November .....	12.37	12.75	17.05	17.22	18.71	20.45	20.66
December .....	12.92	13.08	16.66	16.80	18.50	20.03	19.94
<b>2001</b> .....	<b>17.69</b>	<b>18.13</b>	<b>23.29</b>	<b>22.23</b>	<b>24.91</b>	<b>26.59</b>	<b>26.36</b>
<b>2002</b>							
January .....	13.62	13.99	17.74	18.39	19.50	21.17	20.03
February .....	14.99	15.46	19.44	20.68	21.14	21.19	21.60
March .....	18.63	19.58	21.76	23.52	24.33	25.29	23.46
April .....	20.41	22.03	24.67	24.67	26.03	26.85	26.11
May .....	21.12	22.63	24.98	25.24	25.74	26.57	26.51
June .....	21.12	21.98	23.72	24.87	25.50	25.40	26.71
July .....	21.86	22.53	24.79	25.65	26.52	26.94	26.75

Notes: Values through 1980 reflect the month of reporting; values since then reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail.

Notes: Values for the current 2 months are preliminary. Values shown for previous months are revised. Data are final upon publication in the *Petroleum Marketing Annual*.

Sources: Energy Information Administration, Form FEA-F701-M-0, "Transfer Pricing Report," January 1978 through December 1978; Form ERA-51, "Transfer Pricing Report," January 1979 through September 1982; Form EP-51, "Monthly Foreign Crude Oil Transaction Report," October 1982 through June 1984; Form EIA-856, "Monthly Foreign Crude Oil Acquisition Report," July 1984 to present.

**Table 28. Percentages of Total Imported Crude Oil by API Gravity**  
(Percent by Interval)

Year Month	20.0 or Less	20.1 to 25.0	25.1 to 30.0	30.1 to 35.0	35.1 to 40.0	40.1 to 45.0	45.1 or Greater
1978 .....	1.26	3.57	7.93	38.79	31.66	13.48	3.31
1979 .....	1.65	3.96	8.45	38.98	30.64	13.36	2.96
1980 .....	1.70	6.18	9.25	38.43	27.02	13.56	3.85
1981 .....	2.19	8.88	9.46	37.37	26.60	12.53	2.98
1982 .....	3.39	14.90	11.72	35.58	23.76	8.44	2.20
1983 .....	3.91	20.40	15.14	24.95	23.63	7.74	4.23
1984 .....	6.48	20.52	11.59	21.05	25.75	8.12	6.48
1985 .....	7.62	20.46	11.19	27.14	24.93	4.02	4.65
1986 .....	5.54	19.36	14.12	27.49	25.74	3.65	4.11
1987 .....	4.04	19.68	16.88	26.91	24.79	3.87	3.85
1988 .....	3.52	18.27	15.99	30.72	24.45	4.04	3.02
1989 .....	2.55	14.39	16.80	36.27	23.79	3.55	2.64
1990 .....	3.64	14.96	18.13	34.44	23.21	2.94	2.67
1991 .....	3.76	16.02	20.79	34.84	20.94	2.11	1.55
1992 .....	4.05	17.64	22.41	31.38	20.49	3.00	1.04
1993 .....	4.52	18.79	19.24	32.49	20.99	2.59	1.39
1994 .....	3.80	18.98	18.46	30.77	23.37	2.75	1.87
1995 .....	4.52	18.38	17.04	31.51	23.81	2.98	1.76
1996 .....	4.58	20.88	14.69	32.92	23.51	1.95	1.47
1997 .....	6.05	21.88	13.33	34.43	21.28	1.77	1.27
1998 .....	5.84	20.29	13.99	35.62	20.81	1.88	1.57
1999 .....	4.76	17.78	14.18	36.54	21.46	3.72	1.57
<b>2000</b>							
January .....	5.66	19.68	14.15	32.98	20.02	6.28	1.23
February .....	6.34	17.14	15.55	35.54	19.34	4.57	1.52
March .....	4.71	15.64	15.27	35.81	22.51	4.42	1.64
April .....	5.27	17.72	14.91	38.06	18.21	4.39	1.44
May .....	5.04	21.50	12.51	35.90	21.03	2.46	1.56
June .....	6.13	19.06	13.07	38.50	19.46	2.72	1.06
July .....	5.38	17.32	13.30	40.58	20.72	1.35	1.35
August .....	6.63	18.24	12.66	36.47	22.22	2.17	1.61
September .....	6.54	20.90	14.52	32.83	21.09	2.82	1.30
October .....	8.16	18.46	10.62	40.58	17.01	3.80	1.38
November .....	7.96	20.89	11.83	36.60	17.61	3.84	1.26
December .....	6.87	20.31	12.71	37.81	18.44	3.07	0.79
<b>2000</b> .....	<b>6.21</b>	<b>18.88</b>	<b>13.41</b>	<b>36.90</b>	<b>19.83</b>	<b>3.44</b>	<b>1.35</b>
<b>2001</b>							
January .....	7.91	21.16	14.46	34.66	17.14	3.34	1.33
February .....	6.38	22.52	13.05	34.48	17.55	4.51	1.50
March .....	9.36	21.61	10.67	35.29	19.40	2.97	0.70
April .....	6.46	21.47	12.95	34.82	21.67	2.20	0.43
May .....	7.45	18.77	11.74	38.65	19.88	2.73	0.80
June .....	7.80	20.93	11.65	29.95	24.15	3.32	2.20
July .....	9.02	17.10	10.54	42.11	18.55	1.74	0.94
August .....	9.12	21.05	12.32	34.89	19.36	2.04	1.22
September .....	8.63	17.18	10.82	37.89	20.80	2.66	2.02
October .....	8.82	21.43	12.85	34.92	18.86	1.67	1.45
November .....	7.50	22.74	10.61	35.80	18.95	3.29	1.11
December .....	7.67	23.27	7.69	39.67	18.12	2.47	1.10
<b>2001</b> .....	<b>8.02</b>	<b>20.77</b>	<b>11.62</b>	<b>36.03</b>	<b>19.59</b>	<b>2.74</b>	<b>1.23</b>
<b>2002</b>							
January .....	6.97	24.22	9.77	35.09	18.93	2.93	2.08
February .....	9.09	19.18	9.68	38.81	19.98	1.75	1.50
March .....	7.99	23.11	10.41	36.30	16.76	2.69	2.74
April .....	7.03	21.03	15.05	33.40	18.56	3.09	1.84
May .....	7.47	20.94	14.82	35.86	16.60	2.98	1.33
June .....	9.03	23.07	12.07	29.38	22.17	2.96	1.33
July .....	9.67	24.65	13.96	27.44	18.54	3.26	2.47

Notes: Values through 1980 reflect the month of reporting; values since then reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail.

Notes: Values for the current 2 months are preliminary. Values shown for previous months are revised. Data are final upon publication in the *Petroleum Marketing Annual*.

Sources: Energy Information Administration, Form FEA-F701-M-0, "Transfer Pricing Report," January 1978 through December 1978; Form ERA-51, "Transfer Pricing Report," January 1979 through September 1982; Form EP-51, "Monthly Foreign Crude Oil Transaction Report," October 1982 through June 1984; Form EIA-856, "Monthly Foreign Crude Oil Acquisition Report," July 1984 to present.

**Table 29. F.O.B.<sup>a</sup> Costs of Imported Crude Oil for Selected Crude Streams**  
(Dollars per Barrel)

Year Quarter Month	Angolan Cabinda	Canadian Bow River	Canadian Lloydminster	Ecuadorian Oriente	Gabon Rabi-Kouanga
1978 Average .....	13.32	—	—	12.87	—
1979 Average .....	20.35	—	—	27.59	—
1980 Average .....	33.24	—	W	34.51	—
1981 Average .....	35.55	W	W	32.66	—
1982 Average .....	31.86	W	W	32.36	—
1983 Average .....	28.14	W	24.54	28.22	—
1984 Average .....	27.58	W	24.70	28.16	—
1985 Average .....	26.30	24.55	23.79	26.12	—
1986 Average .....	13.39	11.47	12.77	13.32	—
1987 Average .....	17.31	15.63	15.12	16.53	—
1988 Average .....	14.52	11.82	11.28	12.96	—
1989 Average .....	17.15	14.94	W	16.26	—
1990 Average .....	W	18.57	18.50	W	—
1991 Average .....	W	13.44	13.51	16.04	18.21
1992 Average .....	18.46	14.04	W	17.60	19.01
1993 Average .....	15.65	12.76	W	14.57	16.56
1994 Average .....	15.15	12.86	W	13.70	15.67
1995 Average .....	16.37	14.70	14.44	16.29	17.08
1996 Average .....	20.44	18.19	17.14	18.84	20.97
1997 Average .....	17.93	15.37	14.29	17.95	18.75
1998 Average .....	11.59	W	9.18	11.56	12.44
1999 Average .....	17.05	W	15.19	13.67	16.95
2000 Average .....	27.46	22.44	22.94	26.85	28.35
<b>2001</b>					
January .....	23.23	17.18	17.05	W	26.76
February .....	25.05	17.36	19.47	—	25.88
March .....	22.65	17.30	17.11	W	W
<b>1st Quarter Average</b> .....	23.96	17.27	17.76	W	25.53
April .....	24.41	16.89	16.51	—	26.06
May .....	W	17.74	17.88	W	W
June .....	25.25	17.82	17.80	W	27.06
<b>2nd Quarter Average</b> .....	25.47	17.59	17.31	W	27.19
July .....	W	20.06	W	W	24.23
August .....	W	22.92	21.30	W	25.51
September .....	W	19.13	18.64	W	25.80
<b>3rd Quarter Average</b> .....	23.31	20.78	19.66	21.97	25.04
October .....	19.16	13.66	14.57	16.72	19.88
November .....	W	10.71	10.84	W	18.44
December .....	17.21	12.62	10.37	W	18.44
<b>4th Quarter Average</b> .....	17.95	12.35	12.08	15.27	18.69
<b>2001 Average</b> .....	<b>22.69</b>	<b>17.06</b>	<b>16.77</b>	<b>18.84</b>	<b>24.01</b>
<b>2002</b>					
January .....	W	13.72	W	—	W
February .....	W	15.15	W	W	20.31
March .....	22.19	19.31	W	W	24.59
<b>1st Quarter Average</b> .....	20.22	16.44	W	W	22.07
April .....	W	21.05	W	W	W
May .....	24.59	21.18	W	W	W
June .....	W	20.29	W	W	W
<b>2nd Quarter Average</b> .....	24.10	20.85	W	22.51	W
July .....	W	22.70	W	W	W

See footnotes at end of table.

**Table 29. F.O.B.<sup>a</sup> Costs of Imported Crude Oil for Selected Crude Streams**  
(Dollars per Barrel) — Continued

Year Quarter Month	Mexican Mayan	Mexican Olmeca	Nigerian Forcados Blend	Venezuelan Furrial	Venezuelan Leona
1978 Average	—	—	—	—	—
1979 Average	21.50	—	—	—	—
1980 Average	28.73	—	—	—	—
1981 Average	30.82	—	38.19	—	32.94
1982 Average	25.29	—	34.78	—	W
1983 Average	23.99	—	29.55	—	W
1984 Average	25.35	—	29.04	—	—
1985 Average	24.23	—	27.78	—	W
1986 Average	10.93	—	14.32	—	11.14
1987 Average	15.72	—	18.97	—	16.27
1988 Average	11.26	13.63	14.63	—	13.95
1989 Average	14.71	18.69	17.87	W	16.01
1990 Average	17.29	23.64	21.47	22.48	20.44
1991 Average	13.02	20.08	20.09	16.84	15.80
1992 Average	13.42	19.55	19.90	16.09	15.65
1993 Average	12.03	16.98	17.81	13.78	12.97
1994 Average	12.39	16.03	16.52	14.08	12.00
1995 Average	14.37	17.32	17.43	15.98	13.58
1996 Average	17.43	21.56	21.45	20.42	17.13
1997 Average	14.97	19.67	19.68	17.73	14.76
1998 Average	8.75	13.14	13.39	11.54	8.96
1999 Average	14.20	17.78	15.26	17.99	13.71
2000 Average	23.31	28.92	30.29	27.48	25.70
<b>2001</b>					
January	18.66	26.86	W	W	20.25
February	18.80	26.34	27.92	W	20.84
March	16.83	24.05	W	W	W
1st Quarter Average	18.12	25.85	26.19	W	21.09
April	15.84	24.75	W	—	W
May	17.78	26.71	W	W	W
June	18.62	26.00	W	W	18.69
2nd Quarter Average	17.55	25.78	27.19	W	21.74
July	17.93	24.46	W	W	W
August	19.14	25.29	26.08	W	W
September	19.48	24.33	W	W	17.29
3rd Quarter Average	18.91	24.76	24.95	W	18.90
October	15.29	20.60	20.47	W	13.89
November	12.95	18.29	W	W	W
December	13.03	18.31	W	W	W
4th Quarter Average	13.69	18.99	19.76	W	13.77
2001 Average	16.81	23.94	24.46	W	19.98
<b>2002</b>					
January	13.15	18.69	W	W	16.10
February	14.58	19.80	W	W	—
March	19.43	23.50	—	W	—
1st Quarter Average	15.73	20.52	W	W	16.10
April	21.57	25.85	W	W	W
May	22.17	25.50	W	—	W
June	21.52	24.23	W	W	W
2nd Quarter Average	21.75	25.23	25.66	W	W
July	21.47	25.86	W	W	22.55

Dash (—) = No data reported.

W = Withheld to avoid disclosure of individual company data.

<sup>a</sup> Free on Board. See Glossary.

Notes: Values through 1980 reflect the month of reporting; values since then reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail.

Notes: Values for the current 2 months are preliminary. Values shown for previous months are revised. Data are final upon publication in the *Petroleum Marketing Annual*.

Sources: Energy Information Administration, Form FEA-F701-M-0, "Transfer Pricing Report," January 1978 through December 1978; Form ERA-51, "Transfer Pricing Report," January 1979 through September 1982; Form EP-51, "Monthly Foreign Crude Oil Transaction Report," October 1982 through June 1984; Form EIA-856, "Monthly Foreign Crude Oil Acquisition Report," July 1984 to present.

**Table 30. Landed Costs of Imported Crude Oil for Selected Crude Streams**

(Dollars per Barrel)

Year Quarter Month	Angolan Cabinda	Canadian Bow River Heavy	Canadian Lloydminster	Ecuadorian Oriente	Gabon Rabi-Kouanga	Mexican Mayan	Mexican Olmeca
1978 Average .....	14.07	-	-	13.85	-	-	-
1979 Average .....	21.51	-	-	29.17	-	22.23	-
1980 Average .....	34.68	-	W	34.61	-	29.49	-
1981 Average .....	36.84	W	W	33.56	-	31.52	-
1982 Average .....	33.08	28.94	W	32.97	-	25.86	-
1983 Average .....	29.31	25.62	25.27	28.90	-	24.56	-
1984 Average .....	28.63	25.46	25.35	28.79	-	25.84	-
1985 Average .....	27.48	25.42	24.38	26.97	-	24.57	-
1986 Average .....	14.27	12.71	13.52	14.39	-	11.24	-
1987 Average .....	18.43	16.49	15.98	17.60	-	16.03	-
1988 Average .....	14.96	12.68	12.21	13.77	-	11.65	14.07
1989 Average .....	18.15	15.99	15.36	17.69	-	15.14	19.09
1990 Average .....	20.01	19.32	19.55	21.63	-	17.75	23.78
1991 Average .....	18.31	14.31	14.63	17.52	19.51	13.62	20.45
1992 Average .....	19.59	15.01	W	18.52	19.70	13.80	19.91
1993 Average .....	16.95	13.56	13.65	15.79	17.51	12.45	17.43
1994 Average .....	16.07	13.90	13.58	15.24	16.73	12.79	16.54
1995 Average .....	17.31	15.73	15.56	16.84	18.15	14.88	17.80
1996 Average .....	21.56	19.18	18.50	19.91	21.79	17.95	21.89
1997 Average .....	19.47	16.46	15.72	18.06	20.07	15.57	20.05
1998 Average .....	12.69	10.41	10.15	11.55	13.65	9.21	13.58
1999 Average .....	18.17	16.02	16.16	17.68	18.24	14.43	17.88
2000 Average .....	28.97	23.96	23.75	27.70	29.92	23.94	29.53
<b>2001</b>							
January .....	25.97	17.84	16.93	22.06	29.15	19.24	27.75
February .....	27.01	18.51	18.33	23.10	27.89	19.44	27.08
March .....	24.81	18.06	17.79	21.57	25.65	17.87	25.07
<b>1st Quarter</b>							
Average .....	26.19	18.09	17.67	22.18	27.50	18.86	26.72
April .....	26.10	17.76	17.26	22.25	27.48	16.63	25.47
May .....	28.15	18.73	18.57	23.77	29.33	18.37	27.41
June .....	27.06	18.98	18.85	22.31	28.77	19.14	26.59
<b>2nd Quarter</b>							
Average .....	27.06	18.54	18.19	22.82	28.60	18.11	26.44
July .....	25.19	20.43	19.33	22.62	25.63	18.61	24.90
August .....	25.38	23.62	21.23	24.03	27.15	19.76	25.84
September .....	24.87	20.32	19.95	22.24	26.79	20.02	24.89
<b>3rd Quarter</b>							
Average .....	25.15	21.42	20.20	23.03	26.35	19.51	25.30
October .....	20.41	14.95	15.63	18.24	21.91	16.04	21.13
November .....	W	11.55	11.88	15.39	19.61	13.46	18.76
December .....	18.15	12.76	10.97	15.08	19.63	13.49	18.78
<b>4th Quarter</b>							
Average .....	18.98	13.08	13.13	17.02	20.20	14.25	19.52
2001 Average .....	24.63	17.93	17.25	21.20	25.62	17.53	24.57
<b>2002</b>							
January .....	18.79	14.70	13.06	17.64	W	13.82	19.16
February .....	20.24	15.90	15.65	18.20	21.20	15.04	20.15
March .....	22.90	19.90	18.36	20.19	25.53	19.61	23.87
<b>1st Quarter</b>							
Average .....	21.00	17.08	15.57	18.80	23.02	16.18	20.91
April .....	W	22.07	21.92	23.42	26.15	22.09	26.07
May .....	25.39	22.62	22.16	24.90	W	22.78	25.93
June .....	W	21.60	21.21	23.99	W	22.07	24.76
<b>2nd Quarter</b>							
Average .....	25.17	22.12	21.74	24.15	25.66	22.31	25.65
July .....	W	23.21	23.06	24.58	26.62	22.11	26.34

See footnotes at end of table.

**Table 30. Landed Costs of Imported Crude Oil for Selected Crude Streams**

(Dollars per Barrel) — Continued

Year Quarter Month	Nigerian Bonny Light	Nigerian Forcados Blend	Saudi Arabian Light	Saudi Arabian Medium	United Kingdom Brent	Venezuelan Furrial	Venezuelan Leona
1978 Average .....	15.04	—	14.04	—	—	—	—
1979 Average .....	27.11	—	19.18	—	23.26	—	—
1980 Average .....	38.58	—	29.57	—	34.57	—	—
1981 Average .....	39.25	40.15	34.32	32.74	37.58	—	33.60
1982 Average .....	36.45	35.57	35.65	32.56	34.53	—	W
1983 Average .....	31.06	30.46	30.95	29.16	31.26	—	W
1984 Average .....	30.46	30.11	30.61	29.09	29.89	—	—
1985 Average .....	28.98	28.65	25.35	W	28.49	—	W
1986 Average .....	15.00	14.52	13.06	W	14.64	—	11.80
1987 Average .....	19.26	19.65	17.88	W	18.71	—	16.81
1988 Average .....	16.02	15.41	14.04	13.05	15.84	—	14.50
1989 Average .....	19.38	18.86	17.96	16.83	18.83	16.78	16.68
1990 Average .....	23.21	22.71	22.49	20.98	24.40	23.26	21.28
1991 Average .....	21.57	21.13	18.49	17.04	21.65	17.69	16.40
1992 Average .....	20.85	20.67	18.54	17.14	20.68	16.80	16.21
1993 Average .....	18.75	18.65	16.62	14.86	18.02	14.71	13.76
1994 Average .....	17.23	17.32	15.83	14.81	16.65	14.95	12.81
1995 Average .....	18.35	18.19	17.17	16.54	17.96	16.78	14.40
1996 Average .....	21.69	21.89	20.86	20.12	20.94	21.18	17.99
1997 Average .....	21.21	20.67	18.11	17.10	20.85	18.59	15.83
1998 Average .....	13.62	14.35	12.36	10.86	13.94	12.24	9.79
1999 Average .....	15.39	18.28	18.03	17.37	16.63	18.05	14.53
2000 Average .....	30.67	29.46	27.54	25.98	30.29	28.23	26.96
<b>2001</b>							
January .....	30.76	27.29	25.83	22.73	28.28	W	21.65
February .....	28.84	29.34	25.25	21.74	29.58	W	22.21
March .....	27.16	27.57	23.66	21.41	W	W	23.41
<b>1st Quarter</b>							
Average .....	28.32	28.01	24.90	22.07	29.15	W	22.53
April .....	W	26.75	23.50	21.61	26.29	—	W
May .....	29.92	28.92	24.00	21.63	28.26	W	22.77
June .....	W	29.03	22.23	22.05	W	W	20.16
<b>2nd Quarter</b>							
Average .....	29.93	28.08	23.35	21.73	27.33	W	22.80
July .....	W	26.58	22.05	22.17	26.24	W	W
August .....	—	27.46	22.70	20.30	26.17	W	21.57
September .....	W	25.81	20.11	17.61	—	W	19.30
<b>3rd Quarter</b>							
Average .....	29.42	26.78	21.80	20.33	26.21	W	20.41
October .....	—	22.82	17.17	15.17	20.93	W	15.15
November .....	W	20.80	16.70	16.07	W	W	W
December .....	W	20.49	16.62	16.01	W	W	W
<b>4th Quarter</b>							
Average .....	19.86	21.60	16.81	15.74	20.50	W	14.65
<b>2001 Average .....</b>	<b>28.16</b>	<b>26.45</b>	<b>21.54</b>	<b>20.04</b>	<b>26.17</b>	<b>W</b>	<b>21.21</b>
<b>2002</b>							
January .....	W	20.16	19.64	18.84	W	W	16.30
February .....	—	21.80	21.91	21.96	20.84	W	—
March .....	W	23.45	24.11	24.04	24.02	W	—
<b>1st Quarter</b>							
Average .....	W	21.69	21.76	21.73	23.43	W	16.30
April .....	27.17	26.67	24.69	23.90	W	W	W
May .....	25.61	26.47	24.78	24.37	W	—	W
June .....	25.78	25.74	24.74	24.31	25.71	W	W
<b>2nd Quarter</b>							
Average .....	26.25	26.39	24.74	24.16	25.41	W	W
July .....	W	26.56	25.29	24.25	W	W	23.63

Dash (—) = No data reported.

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# **Prices of Petroleum Products**

**Table 31. Motor Gasoline Prices by Grade, Sales Type, PAD District, and State**  
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Regular						Midgrade					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average <sup>a</sup>	DTW	Rack	Bulk	Average	Through Retail Outlets	Average <sup>a</sup>	DTW	Rack	Bulk	Average
<b>United States</b>												
July 2002 .....	96.4	96.1	90.3	85.1	76.3	85.4	105.5	105.0	98.5	89.1	-	93.6
June 2002 .....	94.8	94.6	88.8	82.6	73.8	83.2	103.9	103.5	97.4	86.1	-	91.6
July 2001 .....	97.3	96.8	95.0	77.4	74.4	81.6	109.2	108.4	102.8	81.7	-	90.9
<b>PAD District I</b>												
July 2002 .....	92.3	91.9	88.8	82.1	76.1	83.4	101.6	101.0	95.6	86.3	-	90.7
June 2002 .....	91.4	91.1	87.4	79.1	72.4	80.8	101.0	100.5	94.9	83.8	-	89.2
July 2001 .....	96.7	95.9	94.2	74.9	75.0	80.4	106.0	105.1	101.8	79.3	-	89.3
<b>Subdistrict IA</b>												
July 2002 .....	97.5	97.6	90.8	85.2	79.3	87.3	106.6	105.8	98.6	88.5	-	94.1
June 2002 .....	96.5	96.5	88.1	80.4	76.3	83.5	105.7	104.7	96.0	84.1	-	90.9
July 2001 .....	110.9	109.8	97.2	80.0	75.3	86.2	121.8	119.6	108.1	84.3	-	96.9
<b>Connecticut</b>												
July 2002 .....	96.6	96.3	91.1	86.8	79.4	87.4	105.7	103.9	99.1	89.6	-	94.7
June 2002 .....	95.7	95.2	87.9	82.0	75.7	84.7	104.8	103.0	96.5	85.2	-	91.4
July 2001 .....	115.1	114.3	104.9	82.6	W	88.9	127.4	124.4	112.3	87.4	-	99.7
<b>Maine</b>												
July 2002 .....	97.9	97.6	87.9	82.7	W	83.8	107.4	106.6	97.2	86.6	-	90.2
June 2002 .....	96.5	96.2	84.9	77.8	W	79.3	105.9	105.1	93.3	81.7	-	85.3
July 2001 .....	96.3	96.0	87.0	74.5	W	77.3	105.8	104.8	93.0	77.5	-	81.7
<b>Massachusetts</b>												
July 2002 .....	97.8	98.4	90.7	85.4	W	88.0	106.5	106.2	98.4	88.5	-	95.0
June 2002 .....	97.0	97.6	88.3	80.5	W	83.8	105.8	105.4	95.9	84.0	-	92.1
July 2001 .....	115.2	113.4	96.4	82.6	72.4	88.7	124.9	122.2	108.4	87.2	-	101.2
<b>New Hampshire</b>												
July 2002 .....	98.0	98.1	91.5	84.9	-	88.1	108.9	108.5	97.8	87.7	-	93.4
June 2002 .....	97.1	97.0	88.2	80.1	W	82.9	108.0	107.7	94.3	83.1	-	89.4
July 2001 .....	112.6	112.3	96.8	79.1	W	83.9	122.9	122.4	103.4	79.7	-	90.4
<b>Rhode Island</b>												
July 2002 .....	94.9	94.8	90.9	86.8	-	88.2	104.7	104.5	99.0	90.6	-	94.6
June 2002 .....	94.2	94.0	89.2	82.2	-	84.6	104.7	103.8	97.1	86.1	-	91.8
July 2001 .....	109.2	108.5	104.5	81.5	-	89.7	120.6	118.3	112.1	85.7	-	98.6
<b>Vermont</b>												
July 2002 .....	99.5	99.3	93.3	82.7	-	88.2	107.0	106.2	100.0	86.8	-	94.8
June 2002 .....	98.2	97.9	90.5	77.7	-	84.3	105.1	104.1	96.9	82.9	-	91.1
July 2001 .....	102.8	101.5	90.1	72.1	-	81.9	111.5	109.7	100.1	76.5	-	90.6
<b>Subdistrict IB</b>												
July 2002 .....	92.3	91.9	90.6	83.0	75.9	83.1	101.2	100.8	98.6	87.4	-	94.6
June 2002 .....	91.1	90.6	89.5	78.9	72.2	80.2	100.0	99.6	98.2	83.6	-	93.3
July 2001 .....	102.2	100.7	101.0	76.5	75.3	83.8	112.1	110.5	110.8	82.8	-	99.6
<b>Delaware</b>												
July 2002 .....	91.3	90.7	88.0	83.2	-	84.5	100.9	100.3	95.5	86.7	-	89.7
June 2002 .....	90.6	89.4	87.4	79.0	-	81.3	100.5	99.1	94.7	82.4	-	86.6
July 2001 .....	100.4	97.6	98.5	77.9	-	82.7	110.2	107.6	107.1	81.6	-	88.9
<b>District of Columbia</b>												
July 2002 .....	W	93.5	100.1	-	-	100.1	W	95.5	106.8	-	-	106.8
June 2002 .....	W	91.1	100.8	-	-	100.8	W	97.9	107.6	-	-	107.6
July 2001 .....	W	93.6	113.9	-	-	113.9	W	115.2	119.7	-	-	119.7
<b>Maryland</b>												
July 2002 .....	94.4	93.4	92.3	83.0	W	87.4	103.5	102.4	99.8	87.1	-	95.5
June 2002 .....	93.7	92.7	93.7	80.3	W	86.6	102.8	101.7	101.4	84.5	-	95.9
July 2001 .....	104.2	99.2	104.1	78.5	W	89.2	114.2	110.6	112.0	83.6	-	100.3
<b>New Jersey</b>												
July 2002 .....	96.7	96.2	93.1	83.9	75.7	80.1	106.6	105.9	100.2	88.5	-	96.1
June 2002 .....	96.2	95.6	91.8	78.8	72.2	76.9	106.1	105.6	98.8	83.9	-	93.9
July 2001 .....	118.1	114.5	112.5	80.3	76.6	84.7	129.3	125.7	119.2	86.7	-	105.6
<b>New York</b>												
July 2002 .....	93.7	93.4	91.2	83.4	W	86.6	103.3	102.8	99.9	88.4	-	97.0
June 2002 .....	93.8	93.1	89.7	78.7	73.4	83.6	103.1	102.4	99.0	83.9	-	95.8
July 2001 .....	105.0	103.8	99.2	75.8	W	86.4	117.1	114.3	113.2	83.0	-	105.9
<b>Pennsylvania</b>												
July 2002 .....	89.1	88.8	86.0	82.1	76.8	82.8	97.6	97.5	91.9	86.5	-	89.4
June 2002 .....	86.4	86.2	83.7	78.3	71.4	79.1	95.3	95.1	90.4	82.9	-	86.9
July 2001 .....	94.6	94.2	90.9	74.2	69.6	78.0	104.4	104.0	96.2	79.5	-	87.6

See footnotes at end of table.

**Table 31. Motor Gasoline Prices by Grade, Sales Type, PAD District, and State**  
(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average <sup>a</sup>	DTW	Rack	Bulk	Average	Through Retail Outlets	Average <sup>a</sup>	DTW	Rack	Bulk	Average
<b>United States</b>												
July 2002 .....	114.0	113.0	103.5	94.9	84.3	97.5	99.4	99.0	93.0	86.6	77.0	87.5
June 2002 .....	112.8	111.7	102.0	92.3	80.0	95.3	97.8	97.5	91.5	84.0	74.2	85.3
July 2001 .....	117.7	116.0	111.8	87.7	80.5	95.5	101.0	100.3	98.4	79.0	74.9	84.0
<b>PAD District I</b>												
July 2002 .....	110.6	109.7	102.8	92.6	83.7	96.3	95.8	95.4	92.1	84.0	76.8	85.9
June 2002 .....	109.9	109.0	101.3	89.4	79.9	94.2	95.0	94.7	90.9	80.9	72.9	83.4
July 2001 .....	115.7	113.7	111.8	85.7	80.3	95.0	100.3	99.4	98.3	76.8	75.6	83.3
<b>Subdistrict IA</b>												
July 2002 .....	115.6	115.4	104.1	96.0	94.6	100.6	100.5	100.5	93.5	86.8	79.6	89.5
June 2002 .....	114.5	114.5	101.1	91.2	W	96.6	99.5	99.5	90.7	82.0	76.5	85.7
July 2001 .....	130.6	126.8	112.5	92.3	80.5	99.0	114.0	112.7	100.2	81.8	76.4	88.7
<b>Connecticut</b>												
July 2002 .....	114.9	113.9	104.1	97.5	W	101.5	100.0	99.6	94.1	88.6	79.7	89.9
June 2002 .....	114.0	113.4	100.8	92.9	W	97.7	99.2	98.7	90.8	83.9	76.6	87.2
July 2001 .....	136.5	134.2	119.0	94.4	W	102.4	119.1	118.0	108.1	84.6	W	91.7
<b>Maine</b>												
July 2002 .....	115.9	114.2	99.4	94.0	–	95.3	100.3	99.9	89.6	84.1	W	85.2
June 2002 .....	114.3	112.9	95.5	88.7	W	88.5	98.8	98.4	86.2	78.9	W	80.4
July 2001 .....	114.4	112.2	95.9	85.6	–	87.7	98.6	98.2	88.0	75.8	W	78.5
<b>Massachusetts</b>												
July 2002 .....	116.3	117.1	104.4	95.2	W	100.9	101.0	101.7	93.5	87.0	W	90.3
June 2002 .....	115.2	116.2	101.4	90.1	W	97.2	100.2	100.8	90.9	82.0	W	85.9
July 2001 .....	133.7	127.7	111.6	94.9	79.7	100.5	118.2	116.0	99.5	84.5	74.6	91.2
<b>New Hampshire</b>												
July 2002 .....	116.1	116.2	104.2	96.2	–	100.4	100.6	100.6	93.6	86.4	–	89.9
June 2002 .....	115.1	115.0	101.6	91.3	–	96.4	99.6	99.5	90.3	81.5	W	84.8
July 2001 .....	130.6	130.4	109.7	90.6	W	NA	114.9	114.6	98.9	80.4	W	85.5
<b>Rhode Island</b>												
July 2002 .....	113.0	112.3	105.1	98.9	–	101.3	98.1	98.1	93.9	88.9	–	90.7
June 2002 .....	113.5	112.4	103.5	94.1	–	97.7	97.6	97.3	92.1	84.1	–	87.0
July 2001 .....	128.7	126.9	119.0	94.5	–	103.3	112.6	111.7	107.3	83.7	–	92.4
<b>Vermont</b>												
July 2002 .....	114.8	114.4	105.0	93.7	–	99.5	101.7	101.5	95.2	84.3	–	90.0
June 2002 .....	112.6	112.2	101.8	88.7	–	95.6	100.2	99.9	92.2	79.2	–	85.9
July 2001 .....	116.9	116.4	103.3	83.2	–	94.6	104.8	103.5	92.5	73.6	–	84.0
<b>Subdistrict IB</b>												
July 2002 .....	110.1	108.9	106.2	93.3	83.0	97.7	95.6	95.1	94.7	84.8	76.6	86.0
June 2002 .....	109.2	108.0	105.5	88.8	79.7	96.3	94.4	93.9	93.7	80.5	72.7	83.2
July 2001 .....	124.5	120.6	120.8	87.4	80.5	102.3	106.1	104.4	106.1	78.4	75.8	87.6
<b>Delaware</b>												
July 2002 .....	110.0	108.7	101.3	92.5	–	95.0	94.5	93.9	90.5	84.7	–	86.3
June 2002 .....	109.7	107.4	100.6	88.1	–	91.6	93.9	92.5	89.7	80.4	–	83.0
July 2001 .....	119.0	117.6	113.0	85.8	–	92.1	103.6	100.8	101.2	79.2	–	84.4
<b>District of Columbia</b>												
July 2002 .....	W	107.0	113.5	–	–	113.5	W	96.8	105.3	–	–	105.3
June 2002 .....	W	NA	114.1	–	–	114.1	W	94.1	106.1	–	–	106.1
July 2001 .....	W	123.4	126.9	–	–	126.9	W	99.4	119.0	–	–	119.0
<b>Maryland</b>												
July 2002 .....	109.8	107.8	105.9	92.7	–	100.4	97.5	96.5	95.8	85.0	W	90.5
June 2002 .....	109.4	107.2	107.4	89.7	–	100.2	96.9	95.7	97.2	82.2	W	89.8
July 2001 .....	121.0	111.2	118.2	88.1	W	102.0	107.6	102.3	107.7	80.4	W	92.5
<b>New Jersey</b>												
July 2002 .....	115.1	113.7	108.0	93.1	82.0	94.1	101.2	100.5	97.1	85.8	76.3	82.4
June 2002 .....	114.6	113.2	106.9	87.7	79.2	93.6	100.7	100.0	95.9	80.7	72.6	79.4
July 2001 .....	137.2	128.4	128.1	90.0	82.5	103.2	122.7	118.3	116.7	82.5	77.1	88.1
<b>New York</b>												
July 2002 .....	110.4	109.4	107.4	94.6	W	102.8	96.9	96.3	96.1	85.2	W	90.4
June 2002 .....	110.3	109.1	106.5	89.7	W	100.9	96.8	96.0	94.8	80.4	74.2	87.7
July 2001 .....	127.3	124.8	121.7	88.2	NA	109.8	109.1	107.7	106.2	77.8	NA	92.3
<b>Pennsylvania</b>												
July 2002 .....	106.1	105.2	99.4	92.3	86.9	93.9	92.0	91.6	88.4	83.6	78.8	84.7
June 2002 .....	104.0	103.2	97.6	88.4	80.6	90.4	89.4	89.1	86.1	79.8	72.9	81.0
July 2001 .....	114.6	113.5	107.9	84.4	76.8	90.4	97.9	97.5	93.7	75.6	70.5	80.1

See footnotes at end of table.

**Table 31. Motor Gasoline Prices by Grade, Sales Type, PAD District, and State**  
(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Month	Regular						Midgrade					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average <sup>a</sup>	DTW	Rack	Bulk	Average	Through Retail Outlets	Average <sup>a</sup>	DTW	Rack	Bulk	Average
<b>Subdistrict IC</b>												
July 2002 .....	91.1	90.8	85.7	81.0	NA	82.2	101.0	100.4	92.4	85.7	—	88.2
June 2002 .....	90.5	90.2	84.8	78.9	NA	80.4	100.7	100.3	92.0	83.8	—	87.0
July 2001 .....	90.5	90.2	83.6	73.0	NA	75.3	100.9	100.3	91.6	77.6	—	82.4
<b>Florida</b>												
July 2002 .....	92.6	92.2	85.3	80.2	75.0	82.0	102.5	101.9	92.5	84.5	—	88.1
June 2002 .....	92.9	92.6	83.8	78.0	NA	79.7	103.3	102.7	91.8	82.4	—	86.9
July 2001 .....	91.2	90.6	83.2	72.3	70.8	75.1	102.3	101.6	92.7	76.9	—	82.9
<b>Georgia</b>												
July 2002 .....	89.2	89.3	84.0	81.5	W	82.1	99.2	99.1	89.6	85.9	—	87.1
June 2002 .....	87.7	87.8	83.1	79.4	W	80.1	97.8	97.8	89.0	83.8	—	85.5
July 2001 .....	90.4	90.4	84.6	74.3	W	76.6	100.0	99.7	90.3	78.2	—	82.1
<b>North Carolina</b>												
July 2002 .....	89.0	88.3	82.7	80.9	W	81.3	99.0	97.5	88.8	86.9	—	87.4
June 2002 .....	87.4	87.1	82.1	79.0	—	79.7	97.7	97.5	88.8	85.3	—	86.3
July 2001 .....	84.5	84.1	76.1	71.7	W	72.3	94.5	93.7	83.8	76.8	—	78.6
<b>South Carolina</b>												
July 2002 .....	89.1	88.9	85.7	80.3	NA	80.5	99.7	99.4	90.6	85.0	—	86.2
June 2002 .....	88.1	88.1	84.5	78.2	NA	78.4	98.7	98.6	89.1	83.4	—	84.7
July 2001 .....	87.9	87.8	74.6	71.5	—	72.0	98.2	97.9	79.6	76.3	—	77.1
<b>Virginia</b>												
July 2002 .....	93.6	93.0	90.5	81.8	—	84.8	102.8	102.1	96.4	86.0	—	91.4
June 2002 .....	93.2	92.7	90.2	79.9	—	83.5	103.0	102.4	96.7	84.0	—	90.7
July 2001 .....	98.4	97.5	94.0	75.0	W	79.8	108.4	107.5	101.5	80.1	—	88.8
<b>West Virginia</b>												
July 2002 .....	94.7	94.4	88.0	82.8	—	84.9	102.7	102.3	93.4	86.9	—	89.6
June 2002 .....	93.6	93.3	86.4	81.1	—	83.1	102.0	101.6	91.7	85.1	—	87.9
July 2001 .....	92.4	92.1	81.8	74.7	—	78.0	102.0	101.5	86.0	79.3	—	83.2
<b>PAD District II</b>												
July 2002 .....	98.8	98.6	93.5	87.4	81.6	88.7	106.1	105.9	99.1	91.1	—	93.8
June 2002 .....	96.1	95.9	90.5	84.2	76.5	85.3	103.6	103.3	96.3	86.7	—	90.0
July 2001 .....	91.0	91.2	84.9	78.4	75.5	79.6	99.2	99.2	91.8	83.2	—	85.8
<b>Illinois</b>												
July 2002 .....	101.7	101.6	98.0	89.5	78.3	91.8	111.8	111.3	108.0	91.7	—	98.8
June 2002 .....	102.5	102.0	99.7	87.5	NA	88.9	113.0	112.4	110.5	89.1	—	97.6
July 2001 .....	94.6	94.5	89.8	79.0	73.3	80.7	103.7	103.4	97.8	83.0	—	89.4
<b>Indiana</b>												
July 2002 .....	97.2	97.1	93.6	86.1	78.8	88.0	106.0	105.8	101.2	90.0	—	94.8
June 2002 .....	95.5	95.7	92.0	84.4	78.1	86.0	104.7	105.0	100.5	88.3	—	93.6
July 2001 .....	88.9	88.8	83.3	76.4	73.4	77.6	98.8	97.7	91.5	80.7	—	84.6
<b>Iowa</b>												
July 2002 .....	96.4	96.6	89.3	88.0	—	88.2	98.2	99.0	92.4	91.7	—	91.9
June 2002 .....	92.7	92.8	84.3	82.9	—	83.0	94.1	95.0	87.4	85.6	—	86.2
July 2001 .....	91.5	91.7	84.8	79.2	—	79.5	92.1	92.5	85.3	84.5	—	84.5
<b>Kansas</b>												
July 2002 .....	97.0	96.8	91.1	87.3	82.6	87.1	106.0	106.0	97.4	91.0	—	92.7
June 2002 .....	91.8	91.8	NA	81.8	77.3	81.7	100.9	100.9	92.5	85.3	—	87.1
July 2001 .....	85.5	85.7	80.2	77.6	76.5	78.0	94.1	94.1	87.0	83.9	—	85.3
<b>Kentucky</b>												
July 2002 .....	95.7	95.0	87.1	84.3	—	84.8	104.8	104.1	92.2	88.9	—	89.9
June 2002 .....	94.4	93.6	84.8	83.3	—	83.6	104.1	103.3	89.6	88.1	—	88.6
July 2001 .....	88.7	88.7	84.9	77.0	—	78.2	97.5	97.5	93.6	81.6	—	84.5
<b>Michigan</b>												
July 2002 .....	100.6	100.4	94.3	89.7	W	91.1	107.4	107.5	100.1	93.9	—	97.0
June 2002 .....	97.9	97.7	91.2	87.5	W	88.7	104.6	104.7	96.4	91.6	—	94.1
July 2001 .....	92.1	92.2	84.5	81.1	W	82.2	99.3	99.4	92.9	84.8	—	89.3
<b>Minnesota</b>												
July 2002 .....	107.2	107.1	94.9	93.5	W	94.0	109.0	107.5	96.0	93.8	—	94.6
June 2002 .....	98.9	98.9	87.9	85.3	W	86.4	101.4	100.3	89.7	86.2	—	87.5
July 2001 .....	101.1	101.2	93.1	85.2	W	87.7	104.9	105.1	94.2	87.1	—	88.5
<b>Missouri</b>												
July 2002 .....	96.6	96.6	93.7	87.5	—	90.0	105.9	105.5	110.3	94.3	—	105.0
June 2002 .....	93.7	93.6	90.5	83.7	W	86.2	103.2	102.8	109.9	91.0	—	103.9
July 2001 .....	88.3	88.2	83.8	76.8	W	78.4	97.7	97.5	93.4	82.1	—	89.5

See footnotes at end of table.

**Table 31. Motor Gasoline Prices by Grade, Sales Type, PAD District, and State**  
(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average <sup>a</sup>	DTW	Rack	Bulk	Average	Through Retail Outlets	Average <sup>a</sup>	DTW	Rack	Bulk	Average
<b>Subdistrict IC</b>												
July 2002 .....	110.0	109.2	98.5	91.7	NA	94.0	95.0	94.6	88.9	83.0	NA	84.7
June 2002 .....	109.5	108.7	96.8	89.3	W	91.9	94.5	94.2	88.0	80.9	NA	82.9
July 2001 .....	109.4	108.3	98.5	83.7	78.7	87.7	94.5	94.1	87.4	75.0	72.1	78.0
<b>Florida</b>												
July 2002 .....	111.4	111.0	97.8	91.0	W	94.3	96.7	96.3	88.8	82.3	76.8	84.8
June 2002 .....	111.9	110.9	95.4	88.4	W	91.7	97.1	96.7	87.4	80.0	NA	82.7
July 2001 .....	110.4	109.5	99.3	82.9	W	88.6	95.6	95.1	88.1	74.4	71.5	78.3
<b>Georgia</b>												
July 2002 .....	107.6	107.0	96.5	92.6	W	93.5	93.0	93.1	86.7	83.5	W	84.3
June 2002 .....	106.3	105.8	95.3	90.2	—	91.5	91.6	91.7	85.9	81.4	W	82.4
July 2001 .....	108.8	107.8	95.4	85.3	W	87.6	94.1	94.0	86.9	76.2	W	78.8
<b>North Carolina</b>												
July 2002 .....	108.0	106.6	95.3	91.7	—	92.6	92.9	92.0	85.5	83.0	W	83.6
June 2002 .....	106.4	105.7	92.8	89.5	—	90.4	91.3	91.0	84.7	81.1	—	81.9
July 2001 .....	102.6	101.3	90.8	82.4	W	84.1	88.3	87.7	79.6	73.7	W	74.7
<b>South Carolina</b>												
July 2002 .....	109.3	108.7	98.9	91.1	NA	91.9	93.2	92.9	88.4	82.4	NA	82.8
June 2002 .....	108.3	107.9	97.1	88.6	NA	89.6	92.3	92.1	87.1	80.2	NA	80.7
July 2001 .....	106.9	106.3	86.7	82.3	W	83.1	91.7	91.5	77.1	73.5	W	74.2
<b>Virginia</b>												
July 2002 .....	112.4	111.1	104.1	91.8	—	96.8	97.5	96.8	93.8	83.8	—	87.5
June 2002 .....	112.2	111.0	104.3	89.4	—	95.5	97.2	96.6	93.7	81.7	—	86.3
July 2001 .....	117.6	116.0	109.3	85.6	W	93.1	102.3	101.4	98.1	77.1	W	83.0
<b>West Virginia</b>												
July 2002 .....	110.1	109.2	99.4	93.2	—	95.8	97.0	96.7	89.7	84.2	—	86.4
June 2002 .....	109.7	108.8	97.7	91.2	—	93.7	96.0	95.7	88.2	82.5	—	84.7
July 2001 .....	110.2	108.8	92.7	84.5	—	88.4	95.0	94.7	83.4	76.1	—	79.5
<b>PAD District II</b>												
July 2002 .....	115.2	114.5	106.4	97.1	91.9	99.7	100.8	100.6	95.4	88.6	82.1	90.1
June 2002 .....	112.8	111.8	104.2	93.8	86.0	96.5	98.2	98.0	92.5	85.3	77.0	86.7
July 2001 .....	107.8	107.5	97.5	88.2	83.2	90.6	93.2	93.3	87.1	79.6	75.8	81.1
<b>Illinois</b>												
July 2002 .....	120.9	120.3	112.6	100.9	W	106.3	104.8	104.6	101.5	90.8	78.8	94.1
June 2002 .....	122.1	121.2	NA	99.2	—	106.2	105.7	105.2	NA	88.8	NA	91.5
July 2001 .....	115.4	114.6	105.7	90.7	—	96.6	97.7	97.6	94.0	80.4	73.3	83.3
<b>Indiana</b>												
July 2002 .....	114.4	114.1	106.8	97.1	—	100.1	99.4	99.3	95.6	87.4	78.8	89.5
June 2002 .....	112.1	111.9	106.4	95.3	—	98.8	97.7	97.9	94.2	85.6	78.1	87.6
July 2001 .....	107.0	106.4	96.5	87.7	—	90.2	91.3	91.2	85.8	77.7	73.4	79.2
<b>Iowa</b>												
July 2002 .....	107.4	107.3	97.6	97.9	—	97.8	97.1	97.4	91.2	89.3	—	89.6
June 2002 .....	102.5	102.7	96.1	92.0	—	92.7	93.3	93.6	86.3	83.8	—	84.2
July 2001 .....	100.1	100.3	100.5	88.7	—	89.8	92.0	92.2	86.0	80.5	—	80.9
<b>Kansas</b>												
July 2002 .....	114.4	114.3	99.2	95.5	W	96.7	98.6	98.4	92.3	88.0	83.3	88.0
June 2002 .....	109.4	109.3	96.0	89.6	W	91.4	93.5	93.4	NA	82.5	77.5	82.5
July 2001 .....	101.4	101.4	88.7	85.2	W	85.7	87.1	87.2	81.6	78.3	77.3	78.8
<b>Kentucky</b>												
July 2002 .....	115.7	114.0	98.8	94.2	—	95.1	98.6	97.7	88.9	85.7	—	86.4
June 2002 .....	113.7	111.2	96.4	92.7	—	93.4	97.2	96.3	86.5	84.7	—	85.1
July 2001 .....	105.9	105.7	97.2	87.2	—	88.8	91.6	91.6	87.1	78.5	—	79.8
<b>Michigan</b>												
July 2002 .....	113.6	113.2	107.0	101.0	—	103.0	102.1	101.9	96.1	90.9	W	92.5
June 2002 .....	111.0	110.6	103.8	98.7	—	100.6	99.4	99.2	92.9	88.6	W	90.0
July 2001 .....	108.9	108.7	98.1	92.8	—	94.7	94.0	94.0	86.5	82.3	W	83.7
<b>Minnesota</b>												
July 2002 .....	120.3	118.1	104.8	100.9	W	102.2	108.2	107.8	95.7	94.1	W	94.7
June 2002 .....	111.7	110.6	96.7	91.7	W	93.4	100.0	99.8	88.7	86.0	W	87.1
July 2001 .....	115.5	115.2	100.5	91.8	—	94.8	102.4	102.5	93.8	86.1	W	88.3
<b>Missouri</b>												
July 2002 .....	114.6	114.2	105.9	96.8	—	100.6	98.5	98.4	95.7	88.5	—	91.5
June 2002 .....	111.9	111.1	102.6	92.6	W	96.5	95.6	95.5	92.8	84.7	W	87.8
July 2001 .....	106.1	105.9	97.1	85.7	W	89.1	90.1	90.0	86.2	77.7	W	79.8

See footnotes at end of table.

**Table 31. Motor Gasoline Prices by Grade, Sales Type, PAD District, and State**  
(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Month	Regular						Midgrade					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average <sup>a</sup>	DTW	Rack	Bulk	Average	Through Retail Outlets	Average <sup>a</sup>	DTW	Rack	Bulk	Average
<b>Nebraska</b>												
July 2002 .....	97.1	97.5	90.3	87.6	—	87.9	99.4	99.3	93.9	90.3	—	90.9
June 2002 .....	92.8	93.0	86.3	81.8	—	82.2	93.4	93.2	88.5	84.1	—	84.8
July 2001 .....	87.9	88.6	81.3	78.6	—	78.9	92.6	92.7	86.6	84.0	—	84.4
<b>North Dakota</b>												
July 2002 .....	105.5	105.1	93.4	90.1	—	90.6	110.9	110.4	99.4	93.3	—	95.0
June 2002 .....	100.8	101.1	87.7	84.2	—	84.7	105.5	105.0	94.2	86.4	—	88.7
July 2001 .....	100.1	97.8	88.0	82.0	—	83.0	105.6	102.0	NA	86.3	—	89.1
<b>Ohio</b>												
July 2002 .....	99.7	99.6	89.8	86.6	W	87.3	109.7	109.6	95.7	90.8	—	92.1
June 2002 .....	97.6	97.6	89.1	85.4	W	86.2	107.5	107.4	95.1	89.0	—	90.7
July 2001 .....	89.7	89.9	82.6	77.7	W	79.0	99.4	99.7	89.8	82.1	—	84.5
<b>Oklahoma</b>												
July 2002 .....	92.0	92.0	88.0	85.4	81.2	84.0	98.9	98.9	91.0	89.9	—	90.2
June 2002 .....	85.9	85.9	81.7	80.1	76.3	78.8	93.0	93.0	85.2	84.1	—	84.4
July 2001 .....	83.0	83.6	80.3	75.9	75.4	76.1	89.6	90.8	85.4	80.4	—	82.1
<b>South Dakota</b>												
July 2002 .....	101.9	99.5	92.2	89.8	—	90.5	106.4	106.4	95.0	88.4	—	89.3
June 2002 .....	97.4	95.4	89.5	84.6	—	85.9	102.0	102.2	91.1	83.3	—	84.4
July 2001 .....	101.9	101.4	86.4	80.6	—	82.0	107.1	106.8	95.2	80.6	—	83.0
<b>Tennessee</b>												
July 2002 .....	89.7	89.5	85.7	81.3	—	81.6	98.9	98.9	92.4	85.6	—	86.7
June 2002 .....	87.8	87.6	83.3	79.1	—	79.4	97.4	97.4	90.0	83.3	—	84.4
July 2001 .....	88.1	88.2	75.5	73.7	—	74.0	98.2	99.4	81.1	78.0	—	78.8
<b>Wisconsin</b>												
July 2002 .....	100.5	100.1	94.5	88.8	—	90.6	106.8	106.5	100.6	92.2	—	95.1
June 2002 .....	98.1	97.7	92.8	86.1	—	88.1	102.6	102.6	99.8	89.2	—	93.3
July 2001 .....	92.8	93.0	85.1	79.6	—	81.0	100.8	100.9	92.0	85.3	—	87.6
<b>PAD District III</b>												
July 2002 .....	90.3	89.9	83.9	81.1	74.3	79.8	100.2	99.7	89.0	85.1	—	87.0
June 2002 .....	90.1	89.7	82.1	79.1	71.9	77.9	100.0	99.4	87.0	83.1	—	85.0
July 2001 .....	90.8	90.7	80.4	74.6	70.8	73.8	101.9	101.8	84.9	78.3	—	80.4
<b>Alabama</b>												
July 2002 .....	90.5	90.0	86.8	78.4	—	80.3	99.1	98.6	94.4	84.0	—	87.2
June 2002 .....	89.9	89.6	85.2	76.7	—	78.7	98.8	98.6	93.2	82.1	—	85.7
July 2001 .....	88.8	88.4	77.2	71.2	—	72.6	98.5	98.1	86.7	75.7	—	79.3
<b>Arkansas</b>												
July 2002 .....	90.5	89.8	88.7	82.1	W	84.0	98.9	98.3	97.1	85.1	—	89.8
June 2002 .....	88.5	87.9	86.1	79.5	—	81.5	98.0	97.3	94.2	83.0	—	87.6
July 2001 .....	89.1	88.9	81.7	74.1	W	74.9	98.3	98.5	87.7	77.2	—	79.7
<b>Louisiana</b>												
July 2002 .....	89.4	88.9	NA	80.7	74.5	80.1	99.6	99.3	88.9	83.6	—	86.3
June 2002 .....	89.4	88.7	81.8	78.8	72.9	78.6	100.0	99.5	87.4	81.6	—	84.4
July 2001 .....	86.8	86.4	78.8	72.1	71.4	72.7	97.8	97.3	80.6	75.1	—	77.8
<b>Mississippi</b>												
July 2002 .....	90.7	90.5	86.6	79.3	73.6	79.4	100.7	100.4	93.0	83.9	—	85.7
June 2002 .....	92.6	92.3	84.6	77.0	73.1	77.5	102.9	102.8	90.8	81.7	—	83.8
July 2001 .....	95.2	94.5	78.6	70.1	65.3	70.4	105.8	105.5	86.0	74.8	—	75.9
<b>New Mexico</b>												
July 2002 .....	98.7	97.4	W	85.7	—	NA	110.9	110.2	90.5	90.3	—	90.4
June 2002 .....	95.9	94.4	W	82.3	—	82.6	105.0	104.4	W	87.3	—	86.6
July 2001 .....	100.6	100.8	88.2	80.8	—	82.3	110.5	110.2	92.9	85.4	—	88.2
<b>Texas</b>												
July 2002 .....	89.3	89.2	83.4	81.5	74.2	79.1	98.9	98.5	87.1	85.8	—	86.5
June 2002 .....	89.4	89.1	81.6	79.7	71.7	77.1	98.9	98.2	85.3	83.9	—	84.7
July 2001 .....	89.8	90.1	81.1	76.2	70.9	74.0	101.9	101.9	85.3	80.8	—	82.2
<b>PAD District IV</b>												
July 2002 .....	100.1	100.0	92.0	90.6	W	90.8	111.7	111.5	99.8	94.0	—	95.6
June 2002 .....	95.7	95.5	87.8	85.8	80.0	86.2	106.1	105.8	95.3	88.2	—	90.0
July 2001 .....	108.3	107.9	93.4	88.3	W	89.4	119.5	119.3	99.6	92.2	—	94.9
<b>Colorado</b>												
July 2002 .....	101.4	101.0	92.1	88.9	W	89.2	114.2	114.0	103.4	92.0	—	93.8
June 2002 .....	95.4	95.2	86.5	82.6	W	83.0	107.2	107.0	97.0	86.0	—	87.7
July 2001 .....	110.2	109.2	87.4	81.0	W	82.4	123.3	122.9	95.5	85.5	—	89.2

See footnotes at end of table.

**Table 31. Motor Gasoline Prices by Grade, Sales Type, PAD District, and State**  
(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average <sup>a</sup>	DTW	Rack	Bulk	Average	Through Retail Outlets	Average <sup>a</sup>	DTW	Rack	Bulk	Average
<b>Nebraska</b>												
July 2002 .....	106.8	106.6	100.6	97.3	—	97.5	98.2	98.4	91.1	88.4	—	88.7
June 2002 .....	103.0	102.4	94.3	91.0	—	91.1	93.5	93.6	87.0	82.5	—	83.0
July 2001 .....	100.6	100.6	90.1	87.1	—	87.3	89.4	89.9	82.2	79.5	—	79.9
<b>North Dakota</b>												
July 2002 .....	110.4	110.4	104.7	100.2	—	101.2	106.8	106.3	95.9	91.1	—	92.1
June 2002 .....	103.1	103.4	98.5	93.9	—	95.2	101.8	101.9	90.7	85.0	—	86.0
July 2001 .....	103.8	104.4	96.7	92.0	—	93.4	101.1	98.7	89.8	82.8	—	84.3
<b>Ohio</b>												
July 2002 .....	118.8	118.1	104.4	97.6	W	99.5	102.1	102.0	91.8	87.9	W	88.8
June 2002 .....	116.9	116.2	103.0	96.5	—	98.3	100.0	100.0	91.0	86.7	W	87.6
July 2001 .....	105.0	104.8	96.5	89.0	—	91.4	92.0	92.2	84.9	79.1	W	80.7
<b>Oklahoma</b>												
July 2002 .....	107.0	107.0	96.2	93.8	90.3	93.2	93.8	93.8	88.8	86.3	81.7	84.8
June 2002 .....	100.8	101.0	89.4	87.9	85.5	87.4	87.7	87.7	82.6	81.0	76.9	79.6
July 2001 .....	98.0	98.1	87.1	83.9	W	84.3	84.8	85.3	81.3	76.8	75.9	76.9
<b>South Dakota</b>												
July 2002 .....	117.7	112.8	102.7	101.1	—	101.5	103.5	101.1	93.3	90.3	—	91.0
June 2002 .....	112.0	106.7	99.1	95.4	—	96.3	98.9	96.9	90.3	84.9	—	86.3
July 2001 .....	116.0	115.4	95.0	90.4	—	91.3	103.8	103.3	87.9	81.2	—	82.7
<b>Tennessee</b>												
July 2002 .....	107.5	106.8	99.9	91.9	—	92.4	93.1	92.9	88.6	83.2	—	83.7
June 2002 .....	105.7	103.6	96.5	89.3	—	89.8	91.3	91.1	86.4	80.9	—	81.3
July 2001 .....	105.5	105.3	87.3	84.4	—	84.8	91.7	92.0	78.2	75.6	—	76.0
<b>Wisconsin</b>												
July 2002 .....	113.8	113.1	106.3	99.5	—	101.7	101.8	101.3	95.8	89.8	—	91.7
June 2002 .....	112.2	111.6	104.6	96.7	—	99.4	99.3	99.0	94.0	86.9	—	89.2
July 2001 .....	108.4	108.5	97.6	90.9	—	92.7	94.3	94.5	86.5	80.7	—	82.2
<b>PAD District III</b>												
July 2002 .....	108.5	107.0	94.6	91.0	82.5	90.7	93.4	92.9	85.5	82.5	74.9	81.3
June 2002 .....	108.2	106.7	92.5	88.7	76.7	87.6	93.3	92.7	83.7	80.5	72.3	79.3
July 2001 .....	110.0	108.4	92.7	84.6	78.8	84.4	94.2	93.9	82.5	76.0	71.4	75.3
<b>Alabama</b>												
July 2002 .....	108.1	107.3	100.3	88.9	—	91.8	93.6	93.1	89.7	80.3	—	82.6
June 2002 .....	107.7	107.2	99.1	87.2	—	90.3	93.2	92.8	88.2	78.6	—	81.0
July 2001 .....	107.7	106.9	91.5	82.6	—	84.9	92.2	91.7	80.6	73.1	—	75.0
<b>Arkansas</b>												
July 2002 .....	106.3	104.8	104.0	91.6	W	94.2	92.7	91.9	91.0	83.3	W	85.5
June 2002 .....	105.2	103.6	101.0	88.8	W	90.0	90.9	90.2	88.3	80.7	W	82.8
July 2001 .....	106.7	106.0	94.6	83.3	W	83.1	91.5	91.5	83.6	75.2	W	76.1
<b>Louisiana</b>												
July 2002 .....	109.1	106.7	94.2	91.1	78.5	91.5	92.9	92.2	NA	82.2	74.7	81.7
June 2002 .....	108.9	106.5	92.3	88.5	NA	87.9	93.0	92.1	83.8	80.3	72.9	80.1
July 2001 .....	107.4	105.2	90.1	81.8	W	82.2	90.6	90.1	80.9	73.7	72.2	74.3
<b>Mississippi</b>												
July 2002 .....	112.5	111.8	99.3	90.0	W	90.8	94.3	94.1	89.0	81.0	74.3	81.3
June 2002 .....	112.2	111.6	96.9	87.4	NA	87.6	96.2	95.9	86.9	78.7	73.5	79.2
July 2001 .....	113.9	113.0	92.4	80.8	W	77.2	98.7	98.0	80.7	71.8	65.2	71.8
<b>New Mexico</b>												
July 2002 .....	117.2	114.5	W	95.4	—	96.0	102.1	100.7	W	87.1	—	NA
June 2002 .....	114.1	111.2	W	91.9	—	92.5	98.8	97.2	W	83.7	—	84.0
July 2001 .....	118.4	117.6	92.8	90.6	—	91.1	103.1	103.1	89.1	82.3	—	83.7
<b>Texas</b>												
July 2002 .....	107.0	105.5	93.2	91.4	82.9	89.6	92.3	91.9	84.7	82.9	74.9	80.4
June 2002 .....	107.0	105.5	91.4	89.2	77.3	86.6	92.4	91.9	83.0	81.0	72.2	78.4
July 2001 .....	109.6	107.7	94.0	86.3	NA	85.7	93.4	93.4	82.9	77.6	71.5	75.3
<b>PAD District IV</b>												
July 2002 .....	119.7	118.9	103.6	101.1	W	101.5	105.0	104.5	94.4	92.5	W	92.8
June 2002 .....	114.8	114.0	99.6	95.9	W	96.6	100.2	99.8	90.2	87.5	80.4	88.0
July 2001 .....	128.6	125.7	103.3	98.7	W	99.8	112.7	111.9	95.7	90.1	W	91.4
<b>Colorado</b>												
July 2002 .....	123.5	122.6	103.4	97.6	W	98.3	107.2	106.6	95.3	90.5	W	91.0
June 2002 .....	116.7	115.8	98.2	91.4	W	92.3	100.9	100.4	89.6	84.2	W	84.9
July 2001 .....	133.2	127.9	97.8	89.8	W	92.0	115.9	114.5	90.6	82.7	W	84.6

See footnotes at end of table.

**Table 31. Motor Gasoline Prices by Grade, Sales Type, PAD District, and State**  
(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Month	Regular						Midgrade					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average <sup>a</sup>	DTW	Rack	Bulk	Average	Through Retail Outlets	Average <sup>a</sup>	DTW	Rack	Bulk	Average
<b>Idaho</b>												
July 2002 .....	98.2	98.3	91.7	90.0	NA	90.5	107.5	106.7	96.4	95.2	—	95.6
June 2002 .....	95.5	95.2	87.3	86.8	W	86.9	103.5	102.5	92.3	91.1	—	91.5
July 2001 .....	107.9	107.7	96.4	95.6	—	95.8	115.8	115.2	99.7	99.9	—	99.9
<b>Montana</b>												
July 2002 .....	99.6	99.7	92.4	91.7	—	91.9	109.3	109.2	98.6	92.5	—	97.6
June 2002 .....	99.3	99.1	90.7	89.3	—	89.6	109.2	109.2	97.0	90.0	—	95.8
July 2001 .....	106.4	106.7	99.7	89.5	—	91.7	113.0	113.2	NA	W	—	NA
<b>Utah</b>												
July 2002 .....	96.8	96.7	91.5	92.3	—	92.1	106.4	106.4	99.1	97.4	—	97.9
June 2002 .....	92.2	92.1	86.7	87.1	—	87.0	101.5	101.5	93.8	90.9	—	91.7
July 2001 .....	106.6	106.5	95.5	98.2	—	97.5	115.2	115.1	NA	100.7	—	101.2
<b>Wyoming</b>												
July 2002 .....	102.7	102.2	92.4	91.5	—	91.8	112.4	112.1	101.0	W	—	100.4
June 2002 .....	99.2	98.8	89.0	86.6	—	87.3	108.9	108.6	98.1	93.4	—	97.0
July 2001 .....	107.6	107.5	94.9	86.7	—	88.1	116.5	116.7	102.4	99.9	—	102.0
<b>PAD District V</b>												
July 2002 .....	105.9	105.7	98.2	92.2	85.0	94.6	117.7	117.1	108.0	97.3	—	105.5
June 2002 .....	105.1	105.0	98.4	94.8	89.3	96.3	116.8	116.3	108.1	100.0	—	106.4
July 2001 .....	118.5	116.5	107.7	83.3	83.6	95.9	132.3	130.9	118.3	87.8	—	110.9
<b>Alaska</b>												
July 2002 .....	128.4	127.5	115.0	107.0	W	105.0	138.9	138.5	115.9	W	—	114.4
June 2002 .....	128.4	127.6	114.4	107.2	W	106.3	138.8	138.4	117.1	107.7	—	115.3
July 2001 .....	138.7	138.4	123.0	117.5	W	112.1	144.8	144.8	125.3	W	—	124.5
<b>Arizona</b>												
July 2002 .....	103.3	103.1	95.1	90.4	82.3	92.3	114.0	113.9	102.8	96.2	—	100.5
June 2002 .....	102.0	101.9	95.9	94.7	W	94.8	112.8	112.7	102.8	99.7	—	101.7
July 2001 .....	109.1	108.0	94.8	87.1	77.3	91.0	120.2	119.8	103.5	92.6	—	99.9
<b>California</b>												
July 2002 .....	106.4	106.4	99.7	92.8	85.2	95.8	118.6	117.8	109.4	97.3	—	107.1
June 2002 .....	106.1	106.2	100.2	97.3	90.6	98.3	118.1	117.5	109.6	101.8	—	108.4
July 2001 .....	123.7	121.8	112.8	81.0	84.5	98.6	135.8	134.4	122.7	85.9	—	115.8
<b>Hawaii</b>												
July 2002 .....	117.3	110.4	110.6	105.1	W	102.8	123.7	116.9	W	W	—	115.2
June 2002 .....	114.3	107.6	108.9	103.7	W	101.3	121.3	114.4	W	W	—	W
July 2001 .....	142.1	127.2	131.7	123.2	W	121.6	149.8	135.0	134.8	W	—	134.3
<b>Nevada</b>												
July 2002 .....	107.4	107.2	91.3	86.9	81.1	88.8	121.3	121.0	95.5	96.7	—	95.8
June 2002 .....	106.2	106.1	91.8	91.9	86.0	91.5	119.7	119.6	96.3	99.7	—	97.2
July 2001 .....	110.5	110.2	90.1	83.8	W	86.6	121.5	121.3	97.8	89.7	—	94.9
<b>Oregon</b>												
July 2002 .....	105.6	105.0	91.4	91.5	85.6	91.1	NA	NA	99.4	97.5	—	98.3
June 2002 .....	103.6	103.0	90.7	90.6	87.0	90.5	114.1	114.2	99.8	96.5	—	98.1
July 2001 .....	109.6	107.4	95.3	82.7	NA	87.6	121.5	119.5	99.7	88.5	—	94.9
<b>Washington</b>												
July 2002 .....	101.9	101.9	93.7	92.2	NA	92.5	114.1	113.6	101.6	97.7	—	99.9
June 2002 .....	101.2	101.4	92.8	91.2	NA	91.6	113.1	112.7	101.1	96.3	—	99.2
July 2001 .....	108.5	106.9	97.2	84.0	75.9	89.4	121.4	120.1	104.8	89.5	—	98.7

See footnotes at end of table.

**Table 31. Motor Gasoline Prices by Grade, Sales Type, PAD District, and State**  
(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average <sup>a</sup>	DTW	Rack	Bulk	Average	Through Retail Outlets	Average <sup>a</sup>	DTW	Rack	Bulk	Average
<b>Idaho</b>												
July 2002	113.5	113.4	102.1	101.4	—	101.6	100.5	100.5	93.2	91.8	NA	92.2
June 2002	111.3	110.9	97.9	96.8	—	97.1	97.6	97.2	88.9	88.3	W	88.4
July 2001	122.0	121.0	106.8	106.0	—	106.2	109.9	109.3	97.8	97.2	—	97.3
<b>Montana</b>												
July 2002	116.7	116.6	105.5	104.5	—	104.7	102.9	102.7	94.7	93.6	—	93.9
June 2002	116.1	115.9	103.8	102.7	—	102.9	102.3	102.0	92.9	91.2	—	91.6
July 2001	124.7	124.5	111.4	102.4	—	104.4	108.6	108.8	102.3	91.5	—	94.0
<b>Utah</b>												
July 2002	114.2	113.6	103.1	102.8	—	102.9	101.6	101.5	94.5	94.6	—	94.5
June 2002	110.3	109.8	99.0	97.1	—	97.5	97.1	96.9	89.5	89.1	—	89.2
July 2001	124.7	123.9	107.3	108.5	—	108.2	110.7	110.6	98.2	100.2	—	99.7
<b>Wyoming</b>												
July 2002	118.3	116.8	104.6	102.0	—	102.7	106.2	105.5	94.8	93.4	—	93.8
June 2002	115.1	113.9	100.9	97.3	—	98.5	102.6	102.0	91.3	88.3	—	89.2
July 2001	122.8	122.7	106.4	96.9	—	98.6	110.7	110.5	97.1	88.3	—	89.9
<b>PAD District V</b>												
July 2002	125.8	124.5	112.4	103.0	89.8	107.4	109.8	109.3	101.4	93.8	85.6	97.2
June 2002	124.9	123.5	112.5	106.5	95.4	109.5	108.9	108.5	101.6	96.6	90.0	99.0
July 2001	139.7	137.8	124.8	94.5	86.4	112.6	123.4	121.3	111.3	85.0	83.8	99.1
<b>Alaska</b>												
July 2002	144.6	144.3	123.2	114.8	—	119.8	130.5	129.6	115.7	107.4	W	105.8
June 2002	144.7	144.5	124.6	113.4	—	119.7	130.5	129.7	115.3	107.6	W	107.1
July 2001	157.6	157.5	133.3	126.4	W	129.4	140.3	140.0	124.0	117.8	W	113.0
<b>Arizona</b>												
July 2002	122.9	122.5	108.5	103.2	W	106.3	106.5	106.2	97.3	92.2	82.4	94.4
June 2002	121.8	121.2	108.8	106.4	—	108.0	105.3	105.1	98.1	96.4	W	96.9
July 2001	130.8	129.8	108.2	97.2	W	103.4	112.5	111.4	97.0	88.8	79.9	93.1
<b>California</b>												
July 2002	126.6	125.2	113.6	102.0	90.0	107.9	110.7	110.4	103.1	94.3	85.9	98.6
June 2002	126.1	124.7	113.8	107.8	97.2	111.0	110.4	110.1	103.5	99.0	91.3	101.1
July 2001	143.1	141.8	129.0	92.2	85.6	116.6	128.7	126.9	116.4	82.7	84.5	102.3
<b>Hawaii</b>												
July 2002	131.3	121.8	119.7	117.9	W	112.1	121.1	113.5	113.4	107.6	W	106.0
June 2002	127.7	117.8	118.6	116.6	W	109.8	118.1	110.6	111.9	106.4	W	104.5
July 2001	NA	NA	143.4	135.8	W	133.1	144.9	130.3	134.6	125.5	W	125.2
<b>Nevada</b>												
July 2002	124.3	124.1	104.4	100.8	91.4	102.6	111.3	110.9	93.6	88.8	82.4	91.0
June 2002	122.8	122.7	104.9	103.6	90.5	103.3	110.3	109.9	94.1	93.8	86.9	93.6
July 2001	129.6	129.5	104.4	95.6	76.4	99.3	114.5	114.1	92.7	86.1	76.5	89.1
<b>Oregon</b>												
July 2002	125.7	124.1	106.6	105.1	NA	105.4	108.4	107.6	93.3	93.1	85.7	92.8
June 2002	123.6	121.8	106.9	104.2	NA	105.0	106.3	105.6	92.8	92.1	87.1	92.2
July 2001	128.7	126.0	110.6	96.7	W	101.1	112.2	109.9	97.1	84.4	80.8	89.4
<b>Washington</b>												
July 2002	123.0	122.6	109.3	105.2	W	107.1	105.7	105.4	96.5	94.1	NA	94.8
June 2002	122.5	122.1	108.3	104.1	—	106.2	104.9	104.9	95.5	93.0	NA	93.9
July 2001	131.7	129.8	113.5	96.0	W	103.8	112.6	110.8	100.0	85.7	76.5	91.8

Dash (—) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

<sup>a</sup> Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: Motor gasoline averages and totals prior to October 1993 include leaded gasoline.

Sources: Energy Information Administration Forms EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report," and EIA-782B, "Resellers/Retailers' Monthly Petroleum Product Sales Report."

Notes: Values shown for the current month are preliminary. Values shown for previous months are revised. Data are final upon publication in the *Petroleum Marketing Annual*.

**Table 32. Conventional Motor Gasoline Prices by Grade, Sales Type, PAD District, and State**  
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Regular						Midgrade					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average <sup>a</sup>	DTW	Rack	Bulk	Average	Through Retail Outlets	Average <sup>a</sup>	DTW	Rack	Bulk	Average
<b>United States</b>												
July 2002 .....	94.7	94.5	86.8	84.1	75.0	83.3	103.3	102.9	92.7	88.0	-	89.7
June 2002 .....	92.9	92.6	84.7	81.4	72.3	80.7	101.4	101.1	90.9	85.0	-	87.2
July 2001 .....	92.3	92.2	84.6	76.3	71.6	77.2	101.9	101.5	90.5	80.1	-	83.6
<b>PAD District I</b>												
July 2002 .....	91.0	90.7	85.6	81.1	73.0	81.3	100.4	99.9	91.5	85.7	-	87.8
June 2002 .....	90.0	89.7	83.8	78.5	69.7	78.6	99.6	99.3	90.6	83.5	-	86.2
July 2001 .....	91.0	90.7	82.3	72.8	70.9	74.8	100.4	99.9	89.1	77.2	-	81.2
<b>Subdistrict IA</b>												
July 2002 .....	98.3	98.0	90.2	82.7	W	85.1	107.5	106.7	98.2	86.6	-	91.4
June 2002 .....	96.9	96.6	87.2	77.7	W	80.6	105.9	105.1	94.6	81.9	-	86.9
July 2001 .....	99.4	99.0	87.9	73.9	W	78.4	109.0	107.8	95.4	77.1	-	83.7
<b>Connecticut</b>												
July 2002 .....	-	-	-	-	-	-	-	-	-	-	-	-
June 2002 .....	-	-	-	-	-	-	-	-	-	-	-	-
July 2001 .....	-	-	-	-	-	-	-	-	-	-	-	-
<b>Maine</b>												
July 2002 .....	97.9	97.6	87.9	82.7	W	83.8	107.4	106.6	97.2	86.6	-	90.2
June 2002 .....	96.5	96.2	84.9	77.8	W	79.3	105.9	105.1	93.3	81.7	-	85.3
July 2001 .....	96.3	96.0	87.0	74.5	W	77.3	105.8	104.8	93.0	77.5	-	81.7
<b>Massachusetts</b>												
July 2002 .....	-	-	-	-	-	-	-	-	-	-	-	-
June 2002 .....	-	-	-	-	-	-	-	-	-	-	-	-
July 2001 .....	-	-	-	-	-	-	-	-	-	-	-	-
<b>New Hampshire</b>												
July 2002 .....	98.4	98.4	90.8	82.3	-	86.3	108.5	107.9	97.6	86.2	-	91.1
June 2002 .....	96.9	96.9	87.4	77.1	-	81.4	107.2	107.0	92.1	81.1	-	85.7
July 2001 .....	107.0	106.8	84.3	73.0	-	77.6	117.0	115.9	88.9	76.5	-	80.2
<b>Rhode Island</b>												
July 2002 .....	-	-	-	-	-	-	-	-	-	-	-	-
June 2002 .....	-	-	-	-	-	-	-	-	-	-	-	-
July 2001 .....	-	-	-	-	-	-	-	-	-	-	-	-
<b>Vermont</b>												
July 2002 .....	99.5	99.3	93.3	82.7	-	88.2	107.0	106.2	100.0	86.8	-	94.8
June 2002 .....	98.2	97.9	90.5	77.7	-	84.3	105.1	104.1	96.9	82.9	-	91.1
July 2001 .....	102.8	101.5	90.1	72.1	-	81.9	111.5	109.7	100.1	76.5	-	90.6
<b>Subdistrict IB</b>												
July 2002 .....	90.4	90.1	86.2	82.1	73.0	79.6	98.4	98.2	91.3	86.3	-	88.3
June 2002 .....	88.5	88.2	83.1	78.0	69.8	75.8	96.3	96.0	89.0	82.4	-	85.2
July 2001 .....	94.2	93.8	83.3	73.6	71.1	75.2	101.9	101.4	88.7	78.3	-	82.6
<b>Delaware</b>												
July 2002 .....	-	-	-	-	-	-	-	-	-	-	-	-
June 2002 .....	-	-	-	-	-	-	-	-	-	-	-	-
July 2001 .....	-	-	-	-	-	-	-	-	-	-	-	-
<b>District of Columbia</b>												
July 2002 .....	-	-	-	-	-	-	-	-	-	-	-	-
June 2002 .....	-	-	-	-	-	-	-	-	-	-	-	-
July 2001 .....	-	-	-	-	-	-	-	-	-	-	-	-
<b>Maryland</b>												
July 2002 .....	93.7	93.4	84.1	80.8	-	81.2	101.6	100.4	89.6	84.6	-	85.3
June 2002 .....	90.7	90.5	81.8	77.5	-	78.1	98.5	97.7	88.3	81.4	-	82.4
July 2001 .....	98.6	98.2	82.0	73.4	-	74.4	108.2	105.6	87.9	77.3	-	78.3
<b>New Jersey</b>												
July 2002 .....	-	-	-	-	72.3	72.3	-	-	-	-	-	-
June 2002 .....	-	-	-	-	69.4	69.4	-	-	-	-	-	-
July 2001 .....	-	-	-	-	72.6	72.6	-	-	-	-	-	-
<b>New York</b>												
July 2002 .....	92.7	92.4	87.5	82.4	W	83.8	101.9	101.3	93.8	86.9	-	90.2
June 2002 .....	92.8	92.1	85.0	77.7	W	80.0	101.9	101.0	92.5	81.9	-	87.4
July 2001 .....	99.6	98.6	85.3	73.7	W	77.5	108.2	105.8	94.3	78.4	-	86.5
<b>Pennsylvania</b>												
July 2002 .....	88.3	88.0	85.1	81.9	76.7	82.1	96.2	96.1	89.9	86.3	-	87.8
June 2002 .....	84.8	84.6	81.5	78.3	71.2	77.8	93.0	93.0	87.1	82.7	-	84.6
July 2001 .....	90.5	90.4	81.4	73.5	69.5	74.4	99.5	99.5	NA	78.5	-	81.6

See footnotes at end of table.

**Table 32. Conventional Motor Gasoline Prices by Grade, Sales Type, PAD District, and State**

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average <sup>a</sup>	DTW	Rack	Bulk	Average	Through Retail Outlets	Average <sup>a</sup>	DTW	Rack	Bulk	Average
<b>United States</b>												
July 2002 .....	111.9	110.9	98.2	94.1	83.3	94.4	97.5	97.1	88.7	85.6	75.7	84.9
June 2002 .....	110.2	109.2	95.9	91.2	78.0	91.4	95.6	95.3	86.7	82.8	72.7	82.3
July 2001 .....	110.5	109.6	97.8	86.3	79.2	88.4	95.2	95.0	87.0	77.7	72.2	78.9
<b>PAD District I</b>												
July 2002 .....	109.2	108.4	97.7	91.8	81.7	92.8	94.5	94.1	88.2	83.0	74.0	83.5
June 2002 .....	108.4	107.6	95.4	89.0	78.9	90.6	93.5	93.2	86.5	80.4	70.3	80.9
July 2001 .....	108.9	107.9	96.0	83.3	76.9	86.2	94.4	94.0	85.2	74.6	71.6	76.9
<b>Subdistrict IA</b>												
July 2002 .....	115.9	114.7	102.3	94.0	—	96.9	100.7	100.4	92.1	84.1	W	86.7
June 2002 .....	114.2	113.2	98.8	88.8	W	91.0	99.2	98.8	88.8	78.9	W	82.0
July 2001 .....	116.8	115.1	99.7	85.1	—	90.0	101.7	101.2	89.6	75.3	W	79.9
<b>Connecticut</b>												
July 2002 .....	—	—	—	—	—	—	—	—	—	—	—	—
June 2002 .....	—	—	—	—	—	—	—	—	—	—	—	—
July 2001 .....	—	—	—	—	—	—	—	—	—	—	—	—
<b>Maine</b>												
July 2002 .....	115.9	114.2	99.4	94.0	—	95.3	100.3	99.9	89.6	84.1	W	85.2
June 2002 .....	114.3	112.9	95.5	88.7	W	88.5	98.8	98.4	86.2	78.9	W	80.4
July 2001 .....	114.4	112.2	95.9	85.6	—	87.7	98.6	98.2	88.0	75.8	W	78.5
<b>Massachusetts</b>												
July 2002 .....	—	W	—	—	—	—	—	W	—	—	—	—
June 2002 .....	—	W	—	—	—	—	—	W	—	—	—	—
July 2001 .....	—	—	—	—	—	—	—	—	—	—	—	—
<b>New Hampshire</b>												
July 2002 .....	117.6	118.0	102.3	94.7	—	98.6	101.0	101.1	92.7	84.0	—	88.2
June 2002 .....	116.4	116.5	99.3	89.1	—	93.8	99.6	99.5	89.2	78.6	—	83.0
July 2001 .....	125.7	125.9	96.4	84.8	—	89.9	109.4	109.3	86.0	74.5	—	79.1
<b>Rhode Island</b>												
July 2002 .....	—	—	—	—	—	—	—	—	—	—	—	—
June 2002 .....	—	—	—	—	—	—	—	—	—	—	—	—
July 2001 .....	—	—	—	—	—	—	—	—	—	—	—	—
<b>Vermont</b>												
July 2002 .....	114.8	114.4	105.0	93.7	—	99.5	101.7	101.5	95.2	84.3	—	90.0
June 2002 .....	112.6	112.2	101.8	88.7	—	95.6	100.2	99.9	92.2	79.2	—	85.9
July 2001 .....	116.9	116.4	103.3	83.2	—	94.6	104.8	103.5	92.5	73.6	—	84.0
<b>Subdistrict IB</b>												
July 2002 .....	106.1	105.0	98.5	92.7	80.4	90.1	92.7	92.4	88.0	83.5	73.7	81.1
June 2002 .....	104.1	103.0	95.4	88.4	78.4	88.3	90.7	90.4	84.8	79.3	70.2	77.2
July 2001 .....	111.7	110.6	97.2	83.6	75.9	85.4	96.6	96.1	85.2	74.9	71.6	76.7
<b>Delaware</b>												
July 2002 .....	—	—	—	—	—	—	—	—	—	—	—	—
June 2002 .....	—	—	—	—	—	—	—	—	—	—	—	—
July 2001 .....	—	—	—	—	—	—	—	—	—	—	—	—
<b>District of Columbia</b>												
July 2002 .....	—	—	—	—	—	—	—	—	—	—	—	—
June 2002 .....	—	—	—	—	—	—	—	—	—	—	—	—
July 2001 .....	—	—	—	—	—	—	—	—	—	—	—	—
<b>Maryland</b>												
July 2002 .....	108.6	108.3	95.1	90.7	—	91.2	96.5	96.0	85.9	82.4	—	82.8
June 2002 .....	105.7	105.4	92.3	87.3	—	87.9	93.4	93.1	83.7	79.1	—	79.7
July 2001 .....	115.9	115.1	93.9	83.3	—	84.2	101.6	101.0	83.7	75.1	—	76.0
<b>New Jersey</b>												
July 2002 .....	—	—	—	—	77.4	77.4	—	—	—	—	72.8	72.8
June 2002 .....	—	—	—	—	73.9	73.9	—	—	—	—	69.5	69.5
July 2001 .....	—	—	—	—	73.8	73.8	—	—	—	—	72.7	72.7
<b>New York</b>												
July 2002 .....	108.4	107.0	99.6	93.4	—	95.5	94.8	94.4	89.2	83.8	W	85.3
June 2002 .....	108.4	106.5	97.5	88.3	W	91.5	94.8	94.0	86.6	78.9	W	81.4
July 2001 .....	117.1	114.9	98.9	83.9	W	88.8	101.6	100.5	87.2	75.0	71.7	79.1
<b>Pennsylvania</b>												
July 2002 .....	104.4	103.5	97.6	92.3	86.7	92.4	90.8	90.5	86.9	83.4	78.7	83.7
June 2002 .....	101.3	100.5	94.0	88.7	80.5	88.1	87.4	87.2	83.3	79.7	72.7	79.4
July 2001 .....	108.8	108.2	95.8	83.4	76.9	84.8	93.4	93.3	83.5	74.8	70.5	76.0

See footnotes at end of table.

**Table 32. Conventional Motor Gasoline Prices by Grade, Sales Type, PAD District, and State**  
(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Month	Regular						Midgrade					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average <sup>a</sup>	DTW	Rack	Bulk	Average	Through Retail Outlets	Average <sup>a</sup>	DTW	Rack	Bulk	Average
<b>Subdistrict IC</b>												
July 2002 .....	90.8	90.5	85.0	80.8	NA	81.8	100.7	100.1	91.2	85.5	—	87.6
June 2002 .....	90.1	89.9	83.8	78.7	NA	79.9	100.3	100.0	90.7	83.6	—	86.3
July 2001 .....	89.4	89.1	81.2	72.5	69.7	74.3	99.7	99.2	89.0	77.1	—	80.8
<b>Florida</b>												
July 2002 .....	92.6	92.2	85.3	80.2	75.0	82.0	102.5	101.9	92.5	84.5	—	88.1
June 2002 .....	92.9	92.6	83.8	78.0	NA	79.7	103.3	102.7	91.8	82.4	—	86.9
July 2001 .....	91.2	90.6	83.2	72.3	70.8	75.1	102.3	101.6	92.7	76.9	—	82.9
<b>Georgia</b>												
July 2002 .....	89.2	89.3	84.0	81.5	W	82.1	99.2	99.1	89.6	85.9	—	87.1
June 2002 .....	87.7	87.8	83.1	79.4	W	80.1	97.8	97.8	89.0	83.8	—	85.5
July 2001 .....	90.4	90.4	84.6	74.3	W	76.6	100.0	99.7	90.3	78.2	—	82.1
<b>North Carolina</b>												
July 2002 .....	89.0	88.3	82.7	80.9	W	81.3	99.0	97.5	88.8	86.9	—	87.4
June 2002 .....	87.4	87.1	82.1	79.0	—	79.7	97.7	97.5	88.8	85.3	—	86.3
July 2001 .....	84.5	84.1	76.1	71.7	W	72.3	94.5	93.7	83.8	76.8	—	78.6
<b>South Carolina</b>												
July 2002 .....	89.1	88.9	85.7	80.3	NA	80.5	99.7	99.4	90.6	85.0	—	86.2
June 2002 .....	88.1	88.1	84.5	78.2	NA	78.4	98.7	98.6	89.1	83.4	—	84.7
July 2001 .....	87.9	87.8	74.6	71.5	—	72.0	98.2	97.9	79.6	76.3	—	77.1
<b>Virginia</b>												
July 2002 .....	91.4	91.0	88.1	80.4	—	82.5	100.2	99.8	92.2	84.7	—	87.8
June 2002 .....	90.1	90.0	86.9	78.3	—	80.7	99.1	98.9	91.7	82.6	—	86.4
July 2001 .....	90.8	90.6	81.7	72.0	W	73.4	100.2	99.9	88.4	76.2	—	79.2
<b>West Virginia</b>												
July 2002 .....	94.7	94.4	88.0	82.8	—	84.9	102.7	102.3	93.4	86.9	—	89.6
June 2002 .....	93.6	93.3	86.4	81.1	—	83.1	102.0	101.6	91.7	85.1	—	87.9
July 2001 .....	92.4	92.1	81.8	74.7	—	78.0	102.0	101.5	86.0	79.3	—	83.2
<b>PAD District II</b>												
July 2002 .....	97.2	97.1	91.5	86.4	81.6	87.1	104.3	104.1	95.6	90.0	—	91.5
June 2002 .....	94.3	94.2	88.5	83.2	76.5	83.7	101.3	101.3	92.3	86.1	—	87.8
July 2001 .....	89.2	89.5	82.7	77.5	75.4	78.3	97.1	97.3	89.0	81.9	—	83.8
<b>Illinois</b>												
July 2002 .....	96.0	96.2	91.7	86.1	78.3	86.1	103.4	103.1	97.7	89.7	—	90.6
June 2002 .....	94.7	94.2	88.4	83.0	NA	81.5	103.1	102.8	94.3	86.7	—	87.4
July 2001 .....	89.2	89.3	88.2	76.9	72.8	77.1	96.2	96.4	92.4	81.3	—	82.4
<b>Indiana</b>												
July 2002 .....	96.6	96.5	93.0	85.2	78.8	87.1	105.1	104.3	99.2	89.3	—	93.1
June 2002 .....	94.6	94.7	91.2	83.4	78.1	85.0	103.6	103.5	99.1	87.5	—	92.2
July 2001 .....	88.1	88.1	82.6	75.7	73.4	76.7	97.5	96.4	89.6	80.1	—	82.9
<b>Iowa</b>												
July 2002 .....	96.4	96.6	89.3	88.0	—	88.2	98.2	99.0	92.4	91.7	—	91.9
June 2002 .....	92.7	92.8	84.3	82.9	—	83.0	94.1	95.0	87.4	85.6	—	86.2
July 2001 .....	91.5	91.7	84.8	79.2	—	79.5	92.1	92.5	85.3	84.5	—	84.5
<b>Kansas</b>												
July 2002 .....	97.0	96.8	91.1	87.3	82.6	87.1	106.0	106.0	97.4	91.0	—	92.7
June 2002 .....	91.8	91.8	NA	81.8	77.3	81.7	100.9	100.9	92.5	85.3	—	87.1
July 2001 .....	85.5	85.7	80.2	77.6	76.5	78.0	94.1	94.1	87.0	83.9	—	85.3
<b>Kentucky</b>												
July 2002 .....	94.8	94.0	86.5	82.6	—	83.5	103.3	102.6	91.6	87.0	—	88.6
June 2002 .....	92.8	92.1	83.9	81.3	—	81.9	101.9	101.0	88.7	86.0	—	86.9
July 2001 .....	86.6	86.7	83.3	74.4	—	75.9	95.2	95.3	93.4	79.0	—	82.7
<b>Michigan</b>												
July 2002 .....	100.6	100.4	94.3	89.7	W	91.1	107.4	107.5	100.1	93.9	—	97.0
June 2002 .....	97.9	97.7	91.2	87.5	W	88.7	104.6	104.7	96.4	91.6	—	94.1
July 2001 .....	92.1	92.2	84.5	81.1	W	82.2	99.3	99.4	92.9	84.8	—	89.3
<b>Minnesota</b>												
July 2002 .....	—	—	—	89.6	W	90.0	—	—	—	NA	—	NA
June 2002 .....	—	—	—	83.1	W	83.0	—	—	—	NA	—	NA
July 2001 .....	—	—	—	80.8	W	80.6	—	—	—	85.8	—	85.8
<b>Missouri</b>												
July 2002 .....	96.0	95.9	89.8	86.6	—	87.6	104.8	104.5	92.5	93.3	—	92.9
June 2002 .....	92.4	92.4	86.0	82.3	W	83.4	101.0	100.7	89.6	88.2	—	88.9
July 2001 .....	88.3	88.2	81.6	76.7	W	77.5	97.6	97.4	91.2	82.8	—	87.1

See footnotes at end of table.

**Table 32. Conventional Motor Gasoline Prices by Grade, Sales Type, PAD District, and State**

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average <sup>a</sup>	DTW	Rack	Bulk	Average	Through Retail Outlets	Average <sup>a</sup>	DTW	Rack	Bulk	Average
<b>Subdistrict IC</b>												
July 2002 .....	109.6	108.9	97.3	91.5	NA	93.4	94.7	94.3	88.0	82.8	NA	84.2
June 2002 .....	109.0	108.3	95.2	89.1	W	91.1	94.1	93.8	86.8	80.7	NA	82.3
July 2001 .....	108.1	107.2	95.5	83.2	79.3	86.3	93.4	93.0	84.8	74.5	72.0	76.8
<b>Florida</b>												
July 2002 .....	111.4	111.0	97.8	91.0	W	94.3	96.7	96.3	88.8	82.3	76.8	84.8
June 2002 .....	111.9	110.9	95.4	88.4	W	91.7	97.1	96.7	87.4	80.0	NA	82.7
July 2001 .....	110.4	109.5	99.3	82.9	W	88.6	95.6	95.1	88.1	74.4	71.5	78.3
<b>Georgia</b>												
July 2002 .....	107.6	107.0	96.5	92.6	W	93.5	93.0	93.1	86.7	83.5	W	84.3
June 2002 .....	106.3	105.8	95.3	90.2	—	91.5	91.6	91.7	85.9	81.4	W	82.4
July 2001 .....	108.8	107.8	95.4	85.3	W	87.6	94.1	94.0	86.9	76.2	W	78.8
<b>North Carolina</b>												
July 2002 .....	108.0	106.6	95.3	91.7	—	92.6	92.9	92.0	85.5	83.0	W	83.6
June 2002 .....	106.4	105.7	92.8	89.5	—	90.4	91.3	91.0	84.7	81.1	—	81.9
July 2001 .....	102.6	101.3	90.8	82.4	W	84.1	88.3	87.7	79.6	73.7	W	74.7
<b>South Carolina</b>												
July 2002 .....	109.3	108.7	98.9	91.1	NA	91.9	93.2	92.9	88.4	82.4	NA	82.8
June 2002 .....	108.3	107.9	97.1	88.6	NA	89.6	92.3	92.1	87.1	80.2	NA	80.7
July 2001 .....	106.9	106.3	86.7	82.3	W	83.1	91.7	91.5	77.1	73.5	W	74.2
<b>Virginia</b>												
July 2002 .....	109.5	108.8	99.1	90.4	—	92.7	94.9	94.6	90.3	82.3	—	84.5
June 2002 .....	107.9	107.6	97.8	87.6	—	90.3	93.7	93.5	89.1	80.1	—	82.7
July 2001 .....	108.5	108.2	93.8	81.8	—	83.7	94.4	94.2	84.4	73.8	W	75.5
<b>West Virginia</b>												
July 2002 .....	110.1	109.2	99.4	93.2	—	95.8	97.0	96.7	89.7	84.2	—	86.4
June 2002 .....	109.7	108.8	97.7	91.2	—	93.7	96.0	95.7	88.2	82.5	—	84.7
July 2001 .....	110.2	108.8	92.7	84.5	—	88.4	95.0	94.7	83.4	76.1	—	79.5
<b>PAD District II</b>												
July 2002 .....	113.0	112.3	102.9	96.2	91.9	97.5	99.1	98.9	93.0	87.6	82.1	88.4
June 2002 .....	110.0	109.1	100.3	92.7	86.0	94.2	96.2	96.0	90.0	84.3	77.0	84.9
July 2001 .....	105.2	105.0	94.7	87.4	83.2	89.0	91.3	91.5	84.6	78.7	75.8	79.7
<b>Illinois</b>												
July 2002 .....	111.4	111.1	104.8	97.1	W	97.7	97.7	97.8	93.3	87.3	78.8	87.3
June 2002 .....	109.6	109.2	102.6	93.9	—	95.4	96.5	96.0	90.2	84.2	NA	82.9
July 2001 .....	108.1	107.2	102.2	88.0	—	89.0	91.3	91.4	90.0	78.1	72.8	78.3
<b>Indiana</b>												
July 2002 .....	113.3	113.1	105.2	96.1	—	98.6	98.7	98.5	94.6	86.4	78.8	88.5
June 2002 .....	111.0	110.8	104.9	94.0	—	97.0	96.7	96.8	93.0	84.6	78.1	86.4
July 2001 .....	105.2	104.6	95.0	86.9	—	88.9	90.4	90.3	84.6	77.0	73.4	78.2
<b>Iowa</b>												
July 2002 .....	107.4	107.3	97.6	97.9	—	97.8	97.1	97.4	91.2	89.3	—	89.6
June 2002 .....	102.5	102.7	96.1	92.0	—	92.7	93.3	93.6	86.3	83.8	—	84.2
July 2001 .....	100.1	100.3	100.5	88.7	—	89.8	92.0	92.2	86.0	80.5	—	80.9
<b>Kansas</b>												
July 2002 .....	114.4	114.3	99.2	95.5	W	96.7	98.6	98.4	92.3	88.0	83.3	88.0
June 2002 .....	109.4	109.3	96.0	89.6	W	91.4	93.5	93.4	NA	82.5	77.5	82.5
July 2001 .....	101.4	101.4	88.7	85.2	W	85.7	87.1	87.2	81.6	78.3	77.3	78.8
<b>Kentucky</b>												
July 2002 .....	115.0	113.3	98.0	92.5	—	93.7	97.6	96.7	88.3	84.1	—	85.0
June 2002 .....	112.1	110.1	95.2	91.0	—	91.9	95.5	94.6	85.6	82.7	—	83.4
July 2001 .....	103.9	103.6	95.5	84.6	—	86.3	89.4	89.5	85.6	75.8	—	77.5
<b>Michigan</b>												
July 2002 .....	113.6	113.2	107.0	101.0	—	103.0	102.1	101.9	96.1	90.9	W	92.5
June 2002 .....	111.0	110.6	103.8	98.7	—	100.6	99.4	99.2	92.9	88.6	W	90.0
July 2001 .....	108.9	108.7	98.1	92.8	—	94.7	94.0	94.0	86.5	82.3	W	83.7
<b>Minnesota</b>												
July 2002 .....	114.2	108.5	101.9	99.8	W	100.0	114.2	108.5	101.9	91.8	W	92.2
June 2002 .....	109.5	105.8	96.2	90.6	W	91.1	109.5	105.8	96.2	84.7	W	84.8
July 2001 .....	112.2	111.8	99.0	90.0	—	92.1	112.2	111.8	99.0	82.5	W	82.7
<b>Missouri</b>												
July 2002 .....	113.4	113.0	97.9	95.6	—	96.4	97.7	97.6	90.7	87.5	—	88.5
June 2002 .....	109.9	109.4	94.8	90.9	W	92.1	94.1	94.1	87.0	83.2	W	84.4
July 2001 .....	106.0	105.2	91.9	85.2	W	86.7	90.0	89.8	83.3	77.5	W	78.5

See footnotes at end of table.

**Table 32. Conventional Motor Gasoline Prices by Grade, Sales Type, PAD District, and State**  
(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Month	Regular						Midgrade					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average <sup>a</sup>	DTW	Rack	Bulk	Average	Through Retail Outlets	Average <sup>a</sup>	DTW	Rack	Bulk	Average
<b>Nebraska</b>												
July 2002 .....	97.1	97.5	90.3	87.6	—	87.9	99.4	99.3	93.9	90.3	—	90.9
June 2002 .....	92.8	93.0	86.3	81.8	—	82.2	93.4	93.2	88.5	84.1	—	84.8
July 2001 .....	87.9	88.6	81.3	78.6	—	78.9	92.6	92.7	86.6	84.0	—	84.4
<b>North Dakota</b>												
July 2002 .....	105.5	105.1	93.4	90.1	—	90.6	110.9	110.4	99.4	93.3	—	95.0
June 2002 .....	100.8	101.1	87.7	84.2	—	84.7	105.5	105.0	94.2	86.4	—	88.7
July 2001 .....	100.1	97.8	88.0	82.0	—	83.0	105.6	102.0	NA	86.3	—	89.1
<b>Ohio</b>												
July 2002 .....	99.7	99.6	89.8	86.6	W	87.3	109.7	109.6	95.7	90.8	—	92.1
June 2002 .....	97.6	97.6	89.1	85.4	W	86.2	107.5	107.4	95.1	89.0	—	90.7
July 2001 .....	89.7	89.9	82.6	77.7	W	79.0	99.4	99.7	89.8	82.1	—	84.5
<b>Oklahoma</b>												
July 2002 .....	92.0	92.0	88.0	85.4	81.2	84.0	98.9	98.9	91.0	89.9	—	90.2
June 2002 .....	85.9	85.9	81.7	80.1	76.3	78.8	93.0	93.0	85.2	84.1	—	84.4
July 2001 .....	83.0	83.6	80.3	75.9	75.4	76.1	89.6	90.8	85.4	80.4	—	82.1
<b>South Dakota</b>												
July 2002 .....	101.9	99.5	92.2	89.8	—	90.5	106.4	106.4	95.0	88.4	—	89.3
June 2002 .....	97.4	95.4	89.5	84.6	—	85.9	102.0	102.2	91.1	83.3	—	84.4
July 2001 .....	101.9	101.4	86.4	80.6	—	82.0	107.1	106.8	95.2	80.6	—	83.0
<b>Tennessee</b>												
July 2002 .....	89.7	89.5	85.7	81.3	—	81.6	98.9	98.9	92.4	85.6	—	86.7
June 2002 .....	87.8	87.6	83.3	79.1	—	79.4	97.4	97.4	90.0	83.3	—	84.4
July 2001 .....	88.1	88.2	75.5	73.7	—	74.0	98.2	99.4	81.1	78.0	—	78.8
<b>Wisconsin</b>												
July 2002 .....	99.5	99.1	94.3	87.8	—	89.3	105.1	104.8	98.1	91.2	—	92.4
June 2002 .....	96.5	96.1	90.7	84.3	—	85.8	100.3	100.3	94.8	87.2	—	88.8
July 2001 .....	91.8	92.1	83.2	78.4	—	79.2	99.6	99.7	88.3	83.8	—	84.6
<b>PAD District III</b>												
July 2002 .....	90.3	89.7	83.5	80.7	74.2	79.5	100.3	99.7	88.8	84.7	—	86.7
June 2002 .....	89.8	89.2	81.6	78.6	71.6	77.4	99.7	99.0	86.7	82.7	—	84.7
July 2001 .....	89.8	89.5	79.3	73.6	70.3	73.0	100.5	100.1	83.1	77.1	—	79.0
<b>Alabama</b>												
July 2002 .....	90.5	90.0	86.8	78.4	—	80.3	99.1	98.6	94.4	84.0	—	87.2
June 2002 .....	89.9	89.6	85.2	76.7	—	78.7	98.8	98.6	93.2	82.1	—	85.7
July 2001 .....	88.8	88.4	77.2	71.2	—	72.6	98.5	98.1	86.7	75.7	—	79.3
<b>Arkansas</b>												
July 2002 .....	90.5	89.8	88.7	82.1	W	84.0	98.9	98.3	97.1	85.1	—	89.8
June 2002 .....	88.5	87.9	86.1	79.5	—	81.5	98.0	97.3	94.2	83.0	—	87.6
July 2001 .....	89.1	88.9	81.7	74.1	W	74.9	98.3	98.5	87.7	77.2	—	79.7
<b>Louisiana</b>												
July 2002 .....	89.4	88.9	NA	80.7	74.5	80.1	99.6	99.3	88.9	83.6	—	86.3
June 2002 .....	89.4	88.7	81.8	78.8	72.9	78.6	100.0	99.5	87.4	81.6	—	84.4
July 2001 .....	86.8	86.4	78.8	72.1	71.3	72.7	97.8	97.3	80.6	75.1	—	77.8
<b>Mississippi</b>												
July 2002 .....	90.7	90.5	86.6	79.3	73.6	79.4	100.7	100.4	93.0	83.9	—	85.7
June 2002 .....	92.6	92.3	84.6	77.0	73.1	77.5	102.9	102.8	90.8	81.7	—	83.8
July 2001 .....	95.2	94.5	78.6	70.1	65.3	70.4	105.8	105.5	86.0	74.8	—	75.9
<b>New Mexico</b>												
July 2002 .....	98.6	97.3	W	85.7	—	NA	110.8	110.2	90.5	90.3	—	90.4
June 2002 .....	95.9	94.3	W	82.3	—	82.6	104.8	104.3	W	87.3	—	86.6
July 2001 .....	100.7	100.9	88.3	80.8	—	82.2	110.7	110.4	93.1	85.4	—	88.1
<b>Texas</b>												
July 2002 .....	88.7	88.2	82.8	81.0	74.1	78.4	98.0	97.3	86.1	85.2	—	85.7
June 2002 .....	88.1	87.5	W	78.9	71.5	76.2	97.1	96.0	84.2	83.2	—	83.8
July 2001 .....	86.8	86.7	79.0	74.8	70.3	72.6	97.4	97.1	NA	78.9	—	79.4
<b>PAD District IV</b>												
July 2002 .....	99.9	99.8	91.7	90.7	W	90.9	111.1	110.9	98.4	94.7	—	95.8
June 2002 .....	95.5	95.5	87.7	86.1	80.0	86.4	105.7	105.5	94.3	88.9	—	90.4
July 2001 .....	108.3	107.9	93.4	88.8	W	89.9	119.4	119.1	98.0	93.1	—	95.0
<b>Colorado</b>												
July 2002 .....	101.1	100.9	90.3	88.6	W	88.7	113.8	113.4	NA	92.4	—	93.1
June 2002 .....	95.1	95.0	85.0	82.3	W	82.6	106.9	106.6	93.1	86.4	—	87.1
July 2001 .....	110.2	109.2	87.4	80.2	W	82.1	123.3	122.8	91.1	84.8	—	87.3

See footnotes at end of table.

**Table 32. Conventional Motor Gasoline Prices by Grade, Sales Type, PAD District, and State**

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average <sup>a</sup>	DTW	Rack	Bulk	Average	Through Retail Outlets	Average <sup>a</sup>	DTW	Rack	Bulk	Average
<b>Nebraska</b>												
July 2002 .....	106.8	106.6	100.6	97.3	—	97.5	98.2	98.4	91.1	88.4	—	88.7
June 2002 .....	103.0	102.4	94.3	91.0	—	91.1	93.5	93.6	87.0	82.5	—	83.0
July 2001 .....	100.6	100.6	90.1	87.1	—	87.3	89.4	89.9	82.2	79.5	—	79.9
<b>North Dakota</b>												
July 2002 .....	110.4	110.4	104.7	100.2	—	101.2	106.8	106.3	95.9	91.1	—	92.1
June 2002 .....	103.1	103.4	98.5	93.9	—	95.2	101.8	101.9	90.7	85.0	—	86.0
July 2001 .....	103.8	104.4	96.7	92.0	—	93.4	101.1	98.7	89.8	82.8	—	84.3
<b>Ohio</b>												
July 2002 .....	118.8	118.1	104.4	97.6	W	99.5	102.1	102.0	91.8	87.9	W	88.8
June 2002 .....	116.9	116.2	103.0	96.5	—	98.3	100.0	100.0	91.0	86.7	W	87.6
July 2001 .....	105.0	104.8	96.5	89.0	—	91.4	92.0	92.2	84.9	79.1	W	80.7
<b>Oklahoma</b>												
July 2002 .....	107.0	107.0	96.2	93.8	90.3	93.2	93.8	93.8	88.8	86.3	81.7	84.8
June 2002 .....	100.8	101.0	89.4	87.9	85.5	87.4	87.7	87.7	82.6	81.0	76.9	79.6
July 2001 .....	98.0	98.1	87.1	83.9	W	84.3	84.8	85.3	81.3	76.8	75.9	76.9
<b>South Dakota</b>												
July 2002 .....	117.7	112.8	102.7	101.1	—	101.5	103.5	101.1	93.3	90.3	—	91.0
June 2002 .....	112.0	106.7	99.1	95.4	—	96.3	98.9	96.9	90.3	84.9	—	86.3
July 2001 .....	116.0	115.4	95.0	90.4	—	91.3	103.8	103.3	87.9	81.2	—	82.7
<b>Tennessee</b>												
July 2002 .....	107.5	106.8	99.9	91.9	—	92.4	93.1	92.9	88.6	83.2	—	83.7
June 2002 .....	105.7	103.6	96.5	89.3	—	89.8	91.3	91.1	86.4	80.9	—	81.3
July 2001 .....	105.5	105.3	87.3	84.4	—	84.8	91.7	92.0	78.2	75.6	—	76.0
<b>Wisconsin</b>												
July 2002 .....	111.3	110.8	105.2	98.2	—	99.7	100.6	100.2	95.2	88.8	—	90.2
June 2002 .....	109.2	108.8	101.7	94.7	—	96.3	97.6	97.2	91.6	85.2	—	86.6
July 2001 .....	107.1	107.2	94.8	89.4	—	90.3	93.3	93.5	84.3	79.4	—	80.2
<b>PAD District III</b>												
July 2002 .....	108.4	106.8	94.2	90.6	82.3	90.6	93.3	92.5	85.1	82.1	74.7	80.9
June 2002 .....	107.6	106.0	92.0	88.2	76.5	87.1	92.8	92.0	83.2	80.0	72.0	78.7
July 2001 .....	108.5	107.2	90.7	83.4	78.7	83.2	92.9	92.5	81.1	75.0	70.9	74.3
<b>Alabama</b>												
July 2002 .....	108.1	107.3	100.3	88.9	—	91.8	93.6	93.1	89.7	80.3	—	82.6
June 2002 .....	107.7	107.2	99.1	87.2	—	90.3	93.2	92.8	88.2	78.6	—	81.0
July 2001 .....	107.7	106.9	91.5	82.6	—	84.9	92.2	91.7	80.6	73.1	—	75.0
<b>Arkansas</b>												
July 2002 .....	106.3	104.8	104.0	91.6	W	94.2	92.7	91.9	91.0	83.3	W	85.5
June 2002 .....	105.2	103.6	101.0	88.8	W	90.0	90.9	90.2	88.3	80.7	W	82.8
July 2001 .....	106.7	106.0	94.6	83.3	W	83.1	91.5	91.5	83.6	75.2	W	76.1
<b>Louisiana</b>												
July 2002 .....	109.1	106.7	94.2	91.1	78.5	91.5	92.9	92.2	NA	82.2	74.7	81.7
June 2002 .....	108.9	106.5	92.3	88.5	NA	87.9	93.0	92.1	83.8	80.3	72.9	80.1
July 2001 .....	107.4	105.2	90.1	81.8	W	82.2	90.6	90.1	80.9	73.7	72.2	74.3
<b>Mississippi</b>												
July 2002 .....	112.5	111.8	99.3	90.0	W	90.8	94.3	94.1	89.0	81.0	74.3	81.3
June 2002 .....	112.2	111.6	96.9	87.4	NA	87.6	96.2	95.9	86.9	78.7	73.5	79.2
July 2001 .....	113.9	113.0	92.4	80.8	W	77.2	98.7	98.0	80.7	71.8	65.2	71.8
<b>New Mexico</b>												
July 2002 .....	117.0	114.3	W	95.4	—	96.0	102.0	100.5	W	87.1	—	NA
June 2002 .....	114.0	111.0	W	91.9	—	92.5	98.7	97.0	W	83.7	—	84.0
July 2001 .....	118.4	117.6	92.7	90.6	—	91.0	103.2	103.2	89.2	82.3	—	83.6
<b>Texas</b>												
July 2002 .....	105.3	103.5	92.2	90.4	82.7	88.9	91.2	90.4	84.0	82.2	74.7	79.6
June 2002 .....	104.5	102.7	90.4	88.1	77.1	85.3	90.6	89.7	82.0	80.1	71.9	77.3
July 2001 .....	105.4	104.2	89.1	84.2	NA	83.7	89.7	89.4	80.1	76.0	70.9	73.7
<b>PAD District IV</b>												
July 2002 .....	119.0	118.3	103.0	101.5	W	101.8	104.6	104.2	94.0	92.7	W	92.9
June 2002 .....	114.4	113.7	99.1	96.4	W	97.0	99.9	99.6	89.9	87.9	80.4	88.3
July 2001 .....	128.4	125.5	102.4	99.2	W	99.9	112.5	111.8	95.2	90.7	W	91.8
<b>Colorado</b>												
July 2002 .....	122.9	122.3	99.9	98.0	W	98.0	106.8	106.3	92.5	90.4	W	90.6
June 2002 .....	116.3	115.7	94.9	91.7	W	92.1	100.4	100.1	87.2	84.1	W	84.4
July 2001 .....	133.1	127.6	94.9	89.4	W	90.9	115.6	114.3	89.2	82.0	W	84.0

See footnotes at end of table.

**Table 32. Conventional Motor Gasoline Prices by Grade, Sales Type, PAD District, and State**

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Month	Regular						Midgrade					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average <sup>a</sup>	DTW	Rack	Bulk	Average	Through Retail Outlets	Average <sup>a</sup>	DTW	Rack	Bulk	Average
<b>Idaho</b>												
July 2002 .....	98.2	98.3	91.7	90.0	NA	90.5	107.5	106.7	96.4	95.2	—	95.6
June 2002 .....	95.5	95.2	87.3	86.8	W	86.9	103.5	102.5	92.3	91.1	—	91.5
July 2001 .....	107.9	107.7	96.4	95.6	—	95.8	115.8	115.2	99.7	99.9	—	99.9
<b>Montana</b>												
July 2002 .....	99.5	99.6	92.4	91.7	—	91.9	109.3	109.2	98.6	92.5	—	97.6
June 2002 .....	99.3	99.1	90.7	89.3	—	89.6	109.2	109.2	97.0	90.0	—	95.8
July 2001 .....	106.4	106.7	99.7	89.5	—	91.7	113.0	113.2	NA	W	—	104.0
<b>Utah</b>												
July 2002 .....	96.8	96.7	91.5	92.3	—	92.1	106.4	106.4	99.1	97.4	—	97.9
June 2002 .....	92.2	92.1	86.7	87.1	—	87.0	101.5	101.5	93.8	90.9	—	91.7
July 2001 .....	106.6	106.5	95.5	98.2	—	97.5	115.2	115.1	NA	100.7	—	101.2
<b>Wyoming</b>												
July 2002 .....	102.7	102.2	92.4	91.5	—	91.8	112.4	112.1	101.0	W	—	100.4
June 2002 .....	99.2	98.8	89.0	86.6	—	87.3	108.9	108.6	98.1	93.4	—	97.0
July 2001 .....	107.6	107.5	94.9	86.7	—	88.1	116.5	116.7	102.4	99.9	—	102.0
<b>PAD District V</b>												
July 2002 .....	105.9	105.3	94.4	91.3	82.9	91.4	116.0	115.4	101.2	97.3	—	99.5
June 2002 .....	104.6	104.0	94.3	91.9	85.5	92.2	114.5	114.0	101.2	97.2	—	99.6
July 2001 .....	111.7	109.8	97.7	85.5	82.1	89.6	121.9	120.5	104.8	89.8	—	98.6
<b>Alaska</b>												
July 2002 .....	128.4	127.5	115.0	107.0	W	105.0	138.9	138.5	115.9	W	—	114.4
June 2002 .....	128.4	127.6	114.4	107.2	W	106.3	138.8	138.4	117.1	107.7	—	115.3
July 2001 .....	138.7	138.4	123.0	117.5	W	112.1	144.8	144.8	125.3	W	—	124.5
<b>Arizona</b>												
July 2002 .....	101.6	101.2	90.9	87.8	81.6	88.0	112.3	112.2	97.2	94.5	—	95.5
June 2002 .....	100.4	100.0	93.5	91.5	W	91.7	111.2	111.1	98.6	97.7	—	98.1
July 2001 .....	107.5	107.0	95.1	84.7	77.3	87.6	119.3	119.2	99.8	90.7	—	94.9
<b>California</b>												
July 2002 .....	—	—	—	96.1	80.3	81.7	—	—	—	W	—	W
June 2002 .....	—	—	—	97.9	85.1	87.1	—	—	—	103.7	—	103.7
July 2001 .....	—	—	—	84.0	91.8	90.8	—	—	—	89.2	—	89.2
<b>Hawaii</b>												
July 2002 .....	117.3	110.4	110.6	105.1	W	102.8	123.7	116.9	W	W	—	115.2
June 2002 .....	114.3	107.6	108.9	103.7	W	101.3	121.3	114.4	W	W	—	W
July 2001 .....	142.1	127.2	131.7	123.2	W	121.6	149.8	135.0	134.8	W	—	134.3
<b>Nevada</b>												
July 2002 .....	103.7	103.9	91.2	87.0	81.1	88.8	115.5	115.2	95.5	96.7	—	95.8
June 2002 .....	102.2	102.5	91.8	92.1	86.0	91.6	114.1	113.8	96.3	99.7	—	97.2
July 2001 .....	106.1	106.1	91.8	83.9	W	87.4	113.9	113.9	98.1	89.7	—	95.1
<b>Oregon</b>												
July 2002 .....	106.0	105.3	91.1	91.5	85.6	91.0	NA	NA	99.3	97.5	—	98.2
June 2002 .....	104.0	103.3	90.5	90.6	87.0	90.4	114.3	114.4	100.0	96.5	—	98.0
July 2001 .....	109.6	107.3	93.7	82.7	NA	86.1	121.5	119.4	NA	88.5	—	94.0
<b>Washington</b>												
July 2002 .....	103.9	103.6	93.7	92.2	NA	92.3	114.7	114.1	101.3	97.6	—	99.5
June 2002 .....	103.4	103.4	92.7	91.2	NA	91.4	113.7	113.2	100.8	96.3	—	98.8
July 2001 .....	109.7	107.7	94.6	83.9	75.9	87.2	121.9	120.4	103.2	89.5	—	97.1

See footnotes at end of table.

**Table 32. Conventional Motor Gasoline Prices by Grade, Sales Type, PAD District, and State**

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average <sup>a</sup>	DTW	Rack	Bulk	Average	Through Retail Outlets	Average <sup>a</sup>	DTW	Rack	Bulk	Average
<b>Idaho</b>												
July 2002	113.5	113.4	102.1	101.4	—	101.6	100.5	100.5	93.2	91.8	NA	92.2
June 2002	111.3	110.9	97.9	96.8	—	97.1	97.6	97.2	88.9	88.3	W	88.4
July 2001	122.0	121.0	106.8	106.0	—	106.2	109.9	109.3	97.8	97.2	—	97.3
<b>Montana</b>												
July 2002	116.7	116.6	105.5	104.5	—	104.7	102.9	102.7	94.7	93.6	—	93.9
June 2002	116.1	115.9	103.8	102.7	—	102.9	102.3	102.0	92.9	91.2	—	91.6
July 2001	124.7	124.5	111.4	102.4	—	104.4	108.6	108.8	102.3	91.5	—	94.0
<b>Utah</b>												
July 2002	114.2	113.6	103.1	102.8	—	102.9	101.6	101.5	94.5	94.6	—	94.5
June 2002	110.3	109.8	99.0	97.1	—	97.5	97.1	96.9	89.5	89.1	—	89.2
July 2001	124.7	123.9	107.3	108.5	—	108.2	110.7	110.6	98.2	100.2	—	99.7
<b>Wyoming</b>												
July 2002	118.3	116.8	104.6	102.0	—	102.7	106.2	105.5	94.8	93.4	—	93.8
June 2002	115.1	113.9	100.9	97.3	—	98.5	102.6	102.0	91.3	88.3	—	89.2
July 2001	122.8	122.7	106.4	96.9	—	98.6	110.7	110.5	97.1	88.3	—	89.9
<b>PAD District V</b>												
July 2002	124.7	123.1	108.5	104.4	87.5	103.4	109.1	108.3	97.0	93.1	83.7	93.5
June 2002	123.3	121.5	108.3	104.4	88.9	105.1	107.8	107.0	96.9	93.6	85.8	94.2
July 2001	132.2	129.6	114.2	97.0	88.2	103.7	115.0	113.0	100.6	87.1	82.8	92.0
<b>Alaska</b>												
July 2002	143.6	143.3	122.7	114.8	—	119.1	130.2	129.3	115.5	107.4	W	105.7
June 2002	143.4	143.1	124.0	113.4	—	118.7	130.1	129.3	115.1	107.6	W	107.0
July 2001	157.1	157.0	132.3	126.4	W	128.3	140.0	139.7	123.8	117.8	W	112.9
<b>Arizona</b>												
July 2002	122.9	122.1	103.4	101.4	W	102.0	104.9	104.4	92.7	89.8	81.7	89.9
June 2002	122.1	121.2	104.8	102.8	—	103.8	103.8	103.3	95.4	93.3	W	93.4
July 2001	130.1	129.7	105.8	95.2	W	99.2	110.9	110.4	96.6	86.6	79.9	89.5
<b>California</b>												
July 2002	—	—	—	106.8	87.3	87.9	—	—	—	98.5	82.9	84.1
June 2002	—	—	—	110.9	W	97.0	—	—	—	100.6	86.1	88.7
July 2001	—	—	—	96.2	—	NA	—	—	—	86.5	91.8	NA
<b>Hawaii</b>												
July 2002	131.3	121.8	119.7	117.9	W	112.1	121.1	113.5	113.4	107.6	W	106.0
June 2002	127.7	117.8	118.6	116.6	W	109.8	118.1	110.6	111.9	106.4	W	104.5
July 2001	NA	NA	143.4	135.8	W	133.1	144.9	130.3	134.6	125.5	W	125.2
<b>Nevada</b>												
July 2002	119.1	118.8	104.4	101.1	91.4	102.8	106.9	106.9	93.6	88.9	82.4	91.1
June 2002	117.7	117.6	104.9	103.9	90.5	103.4	105.7	105.6	94.1	94.0	86.9	93.6
July 2001	123.6	123.4	106.1	95.8	76.4	100.0	109.3	109.1	94.3	86.2	76.5	89.8
<b>Oregon</b>												
July 2002	126.0	124.3	106.0	105.1	NA	105.1	108.8	108.0	93.2	93.1	85.7	92.7
June 2002	123.8	121.9	106.6	104.2	NA	104.7	106.7	105.9	92.9	92.1	87.1	92.1
July 2001	128.6	125.9	109.4	96.7	W	100.0	112.2	109.9	95.9	84.4	80.8	88.1
<b>Washington</b>												
July 2002	124.3	123.7	108.7	105.2	W	106.4	107.8	107.2	96.7	94.1	NA	94.6
June 2002	123.8	123.3	107.5	104.1	—	105.5	107.2	106.9	95.6	93.0	NA	93.6
July 2001	132.1	130.0	111.2	95.9	W	101.7	114.0	111.8	98.0	85.6	76.5	89.8

Dash (—) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

<sup>a</sup> Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Sources: Energy Information Administration Forms EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report," and EIA-782B, "Resellers/Retailers' Monthly Petroleum Product Sales Report."

Notes: Values shown for the current month are preliminary. Values shown for previous months are revised. Data are final upon publication in the *Petroleum Marketing Annual*.

**Table 33. Oxygenated Motor Gasoline Prices by Grade, Sales Type, and PAD District**  
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Regular						Midgrade					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average <sup>a</sup>	DTW	Rack	Bulk	Average	Through Retail Outlets	Average <sup>a</sup>	DTW	Rack	Bulk	Average
<b>United States</b>												
July 2002 .....	105.3	105.2	94.5	93.3	-	93.9	110.3	108.8	97.2	93.6	-	94.9
June 2002 .....	98.0	97.9	89.3	85.4	-	87.5	103.0	101.9	91.5	86.1	-	88.2
July 2001 .....	101.4	101.5	96.2	86.3	-	91.3	107.2	107.3	100.2	87.2	-	90.5
<b>PAD District I</b>												
July 2002 .....	-	-	-	-	-	-	-	-	-	-	-	-
June 2002 .....	-	-	-	-	-	-	-	-	-	-	-	-
July 2001 .....	-	-	-	-	-	-	-	-	-	-	-	-
<b>PAD District II</b>												
July 2002 .....	107.2	107.1	94.9	94.2	-	94.6	109.0	107.5	96.0	93.8	-	94.6
June 2002 .....	98.9	98.9	87.9	85.8	-	86.8	101.4	100.3	89.7	86.1	-	87.5
July 2001 .....	101.1	101.2	93.1	87.0	-	89.6	104.9	105.1	94.2	87.2	-	88.6
<b>PAD District III</b>												
July 2002 .....	W	W	-	-	-	-	W	W	-	-	-	-
June 2002 .....	W	W	-	-	-	-	W	W	-	-	-	-
July 2001 .....	W	W	W	-	-	W	W	W	W	-	-	W
<b>PAD District IV</b>												
July 2002 .....	NA	NA	W	W	-	90.4	116.4	116.4	W	91.4	-	94.9
June 2002 .....	NA	NA	W	W	-	84.2	108.7	108.7	W	85.3	-	88.6
July 2001 .....	W	W	W	NA	-	NA	W	W	W	87.4	-	94.4
<b>PAD District V</b>												
July 2002 .....	W	W	W	W	-	W	NA	NA	W	NA	-	W
June 2002 .....	W	W	W	W	-	W	103.6	103.6	W	W	-	W
July 2001 .....	W	W	W	W	-	W	W	W	W	W	-	W

See footnotes at end of table.

**Table 33. Oxygenated Motor Gasoline Prices by Grade, Sales Type, and PAD District**  
(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average <sup>a</sup>	DTW	Rack	Bulk	Average	Through Retail Outlets	Average <sup>a</sup>	DTW	Rack	Bulk	Average
<b>United States</b>												
July 2002 .....	121.9	121.1	107.8	99.9	—	104.0	107.1	106.7	95.7	93.8	—	94.7
June 2002 .....	113.9	113.3	102.4	92.0	—	97.8	99.7	99.5	90.5	85.9	—	88.3
July 2001 .....	119.7	119.6	111.5	93.5	—	103.3	103.0	103.1	97.6	86.9	—	91.9
<b>PAD District I</b>												
July 2002 .....	—	—	—	—	—	—	—	—	—	—	—	—
June 2002 .....	—	—	—	—	—	—	—	—	—	—	—	—
July 2001 .....	—	—	—	—	—	—	—	—	—	—	—	—
<b>PAD District II</b>												
July 2002 .....	121.4	120.8	105.3	101.9	—	103.6	108.2	107.8	95.7	94.5	—	95.0
June 2002 .....	111.9	111.6	96.7	92.8	—	94.9	99.9	99.8	88.6	86.2	—	87.4
July 2001 .....	116.1	116.1	101.3	94.2	—	97.4	102.3	102.4	93.7	87.3	—	89.8
<b>PAD District III</b>												
July 2002 .....	W	W	—	—	—	—	W	W	—	—	—	—
June 2002 .....	W	W	—	—	—	—	W	W	—	—	—	—
July 2001 .....	W	W	W	—	—	W	W	W	W	—	—	W
<b>PAD District IV</b>												
July 2002 .....	NA	123.6	W	W	—	99.1	NA	NA	W	W	—	92.2
June 2002 .....	NA	116.3	W	W	—	93.1	NA	101.5	W	W	—	86.0
July 2001 .....	W	W	W	NA	—	NA	W	W	W	84.8	—	86.9
<b>PAD District V</b>												
July 2002 .....	NA	NA	110.6	W	—	110.7	W	W	W	W	—	W
June 2002 .....	117.1	117.1	110.2	W	—	110.2	93.7	93.7	W	W	—	W
July 2001 .....	135.6	135.6	120.2	W	—	120.0	106.5	106.5	W	W	—	W

Dash (—) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

<sup>a</sup> Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Sources: Energy Information Administration Forms EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report," and EIA-782B, "Resellers'/Retailers' Monthly Petroleum Product Sales Report."

Notes: Values shown for the current month are preliminary. Values shown for previous months are revised. Data are final upon publication in the *Petroleum Marketing Annual*.

**Table 34. Reformulated Motor Gasoline Prices by Grade, Sales Type, PAD District, and Selected States**  
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Regular						Midgrade					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average <sup>a</sup>	DTW	Rack	Bulk	Average	Through Retail Outlets	Average <sup>a</sup>	DTW	Rack	Bulk	Average
<b>United States</b>												
July 2002 .....	100.2	100.0	95.4	87.9	80.6	90.5	110.7	110.1	104.6	91.7	-	101.0
June 2002 .....	100.5	100.2	95.1	86.7	79.3	89.7	111.0	110.3	104.6	90.7	-	100.9
July 2001 .....	110.7	108.8	106.3	80.9	80.0	91.4	124.4	122.5	114.9	85.9	-	105.6
<b>PAD District I</b>												
July 2002 .....	96.1	95.8	91.9	84.9	79.4	86.9	105.4	104.7	99.7	88.6	-	96.2
June 2002 .....	95.8	95.3	90.8	80.8	75.8	84.4	105.3	104.6	99.2	84.9	-	94.9
July 2001 .....	113.0	110.4	105.5	80.9	77.4	89.6	123.2	120.3	113.5	86.0	-	103.4
<b>Subdistrict IA</b>												
July 2002 .....	97.2	97.4	90.9	86.1	79.6	87.8	106.3	105.5	98.7	89.3	-	94.8
June 2002 .....	96.4	96.5	88.2	81.3	76.4	84.1	105.6	104.7	96.2	84.8	-	91.7
July 2001 .....	114.7	113.4	99.5	82.5	75.7	88.6	125.2	122.7	110.1	87.0	-	100.3
<b>Connecticut</b>												
July 2002 .....	96.6	96.3	91.1	86.8	79.4	87.4	105.7	103.9	99.1	89.6	-	94.7
June 2002 .....	95.7	95.2	87.9	82.0	75.7	84.7	104.8	103.0	96.5	85.2	-	91.4
July 2001 .....	115.1	114.3	104.9	82.6	W	88.9	127.4	124.4	112.3	87.4	-	99.7
<b>Maine</b>												
July 2002 .....	-	-	-	-	-	-	-	-	-	-	-	-
June 2002 .....	-	-	-	-	-	-	-	-	-	-	-	-
July 2001 .....	-	-	-	-	-	-	-	-	-	-	-	-
<b>Massachusetts</b>												
July 2002 .....	97.8	98.4	90.7	85.4	W	88.0	106.5	106.2	98.4	88.5	-	95.0
June 2002 .....	97.0	97.6	88.3	80.5	W	83.8	105.8	105.4	95.9	84.0	-	92.1
July 2001 .....	115.2	113.4	96.4	82.6	72.4	88.7	124.9	122.2	108.4	87.2	-	101.2
<b>New Hampshire</b>												
July 2002 .....	97.9	97.9	91.8	86.0	-	88.8	109.1	108.8	97.8	89.0	-	94.8
June 2002 .....	97.1	97.0	88.5	81.4	W	83.5	108.3	108.0	94.9	84.4	-	91.0
July 2001 .....	115.0	114.7	103.0	81.9	W	86.1	125.4	125.4	109.5	84.1	-	98.9
<b>Rhode Island</b>												
July 2002 .....	94.9	94.8	90.9	86.8	-	88.2	104.7	104.5	99.0	90.6	-	94.6
June 2002 .....	94.2	94.0	89.2	82.2	-	84.6	104.7	103.8	97.1	86.1	-	91.8
July 2001 .....	109.2	108.5	104.5	81.5	-	89.7	120.6	118.3	112.1	85.7	-	98.6
<b>Subdistrict IB</b>												
July 2002 .....	95.5	94.9	92.6	84.2	79.4	86.3	104.9	104.3	100.1	88.3	-	96.9
June 2002 .....	95.3	94.6	92.3	79.9	75.6	84.1	104.8	104.2	99.9	84.6	-	96.0
July 2001 .....	114.2	110.4	109.2	80.2	77.7	90.4	124.6	121.0	116.1	85.9	-	106.3
<b>Delaware</b>												
July 2002 .....	91.3	90.7	88.0	83.2	-	84.5	100.9	100.3	95.5	86.7	-	89.7
June 2002 .....	90.6	89.4	87.4	79.0	-	81.3	100.5	99.1	94.7	82.4	-	86.6
July 2001 .....	100.4	97.6	98.5	77.9	-	82.7	110.2	107.6	107.1	81.6	-	88.9
<b>District of Columbia</b>												
July 2002 .....	W	93.5	100.1	-	-	100.1	W	95.5	106.8	-	-	106.8
June 2002 .....	W	91.1	100.8	-	-	100.8	W	97.9	107.6	-	-	107.6
July 2001 .....	W	93.6	113.9	-	-	113.9	W	115.2	119.7	-	-	119.7
<b>Maryland</b>												
July 2002 .....	94.6	93.4	92.6	83.7	W	88.3	104.4	103.2	100.0	87.8	-	96.5
June 2002 .....	94.9	93.4	94.1	81.1	W	87.7	104.7	103.3	101.6	85.3	-	97.0
July 2001 .....	106.2	99.4	105.0	79.8	W	91.5	116.3	112.0	112.5	85.4	-	102.8
<b>New Jersey</b>												
July 2002 .....	96.7	96.2	93.1	83.9	79.4	84.2	106.6	105.9	100.2	88.5	-	96.1
June 2002 .....	96.2	95.6	91.8	78.8	75.7	81.2	106.1	105.6	98.8	83.9	-	93.9
July 2001 .....	118.1	114.5	112.5	80.3	77.8	86.6	129.3	125.7	119.2	86.7	-	105.6
<b>New York</b>												
July 2002 .....	96.9	96.7	94.6	86.8	W	91.4	105.7	105.7	101.4	90.9	-	99.9
June 2002 .....	96.7	96.4	93.6	81.9	W	89.2	105.2	105.1	100.3	86.9	-	98.8
July 2001 .....	117.0	115.6	110.5	83.0	W	101.1	127.1	124.4	117.8	89.7	-	114.0
<b>Pennsylvania</b>												
July 2002 .....	93.1	92.9	87.7	83.3	78.9	85.7	102.8	102.5	94.6	88.0	-	93.2
June 2002 .....	93.5	93.0	87.5	78.9	W	83.9	103.3	102.9	94.2	83.6	-	92.2
July 2001 .....	113.1	111.1	107.3	79.1	W	95.3	123.6	121.1	113.1	84.9	-	104.3

See footnotes at end of table.

**Table 34. Reformulated Motor Gasoline Prices by Grade, Sales Type, PAD District, and Selected States**

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average <sup>a</sup>	DTW	Rack	Bulk	Average	Through Retail Outlets	Average <sup>a</sup>	DTW	Rack	Bulk	Average
<b>United States</b>												
July 2002	118.5	117.3	108.9	97.2	86.7	103.0	104.0	103.6	98.8	89.5	81.3	93.2
June 2002	118.5	117.3	108.4	95.7	85.5	102.5	104.2	103.8	98.5	88.2	79.9	92.6
July 2001	131.4	128.1	122.4	91.6	83.0	107.7	115.5	113.3	110.2	82.7	80.3	94.9
<b>PAD District I</b>												
July 2002	113.8	112.9	106.5	94.7	86.8	101.1	100.0	99.6	95.9	86.8	80.0	90.1
June 2002	113.6	112.7	105.5	90.3	80.8	98.7	99.7	99.2	94.7	82.5	76.2	87.6
July 2001	132.0	126.7	121.8	91.5	82.3	106.3	117.0	114.1	109.9	82.9	78.0	93.5
<b>Subdistrict IA</b>												
July 2002	115.5	115.5	104.3	96.6	94.6	101.2	100.4	100.6	93.8	87.8	79.9	90.2
June 2002	114.6	114.8	101.2	91.8	W	97.4	99.6	99.7	90.9	83.0	76.6	86.5
July 2001	133.9	129.5	114.5	94.5	80.5	100.7	117.8	116.2	102.6	84.4	76.8	91.2
<b>Connecticut</b>												
July 2002	114.9	113.9	104.1	97.5	W	101.5	100.0	99.6	94.1	88.6	79.7	89.9
June 2002	114.0	113.4	100.8	92.9	W	97.7	99.2	98.7	90.8	83.9	76.6	87.2
July 2001	136.5	134.2	119.0	94.4	W	NA	119.1	118.0	108.1	84.6	W	91.7
<b>Maine</b>												
July 2002	-	-	-	-	-	-	-	-	-	-	-	-
June 2002	-	-	-	-	-	-	-	-	-	-	-	-
July 2001	-	-	-	-	-	-	-	-	-	-	-	-
<b>Massachusetts</b>												
July 2002	116.3	117.1	104.4	95.2	W	100.9	101.0	101.7	93.5	87.0	W	90.3
June 2002	115.2	116.3	101.4	90.1	W	97.2	100.2	100.8	90.9	82.0	W	85.9
July 2001	133.7	127.7	111.6	94.9	79.7	100.5	118.2	116.0	99.5	84.5	74.6	91.2
<b>New Hampshire</b>												
July 2002	115.5	115.5	105.0	96.9	-	101.2	100.5	100.5	94.0	87.5	-	90.7
June 2002	114.6	114.5	102.3	92.2	-	97.4	99.7	99.5	90.7	82.8	W	85.4
July 2001	133.1	132.8	115.3	93.1	W	NA	117.3	117.0	105.1	83.2	W	87.7
<b>Rhode Island</b>												
July 2002	113.0	112.3	105.1	98.9	-	101.3	98.1	98.1	93.9	88.9	-	90.7
June 2002	113.5	112.4	103.5	94.1	-	97.7	97.6	97.3	92.1	84.1	-	87.0
July 2001	128.7	126.9	119.0	94.5	-	103.3	112.6	111.7	107.3	83.7	-	92.4
<b>Subdistrict IB</b>												
July 2002	112.8	111.7	107.5	93.7	86.4	101.2	99.8	99.1	97.1	86.2	80.0	89.9
June 2002	112.6	111.3	107.0	89.0	80.5	99.1	99.6	98.8	96.7	81.8	76.1	87.8
July 2001	132.9	126.5	124.8	90.3	83.6	109.2	118.7	114.5	113.7	82.3	78.2	95.0
<b>Delaware</b>												
July 2002	110.0	108.7	101.3	92.5	-	95.0	94.5	93.9	90.5	84.7	-	86.3
June 2002	109.7	107.4	100.6	88.1	-	91.6	93.9	92.5	89.7	80.4	-	83.0
July 2001	119.0	117.6	113.0	85.8	-	92.1	103.6	100.8	101.2	79.2	-	84.4
<b>District of Columbia</b>												
July 2002	W	107.0	113.5	-	-	113.5	W	96.8	105.3	-	-	105.3
June 2002	W	NA	114.1	-	-	114.1	W	94.1	106.1	-	-	106.1
July 2001	W	123.4	126.9	-	-	126.9	W	99.4	119.0	-	-	119.0
<b>Maryland</b>												
July 2002	110.1	107.6	106.0	93.1	-	101.2	98.0	96.7	96.1	85.7	W	91.4
June 2002	110.5	107.6	107.7	90.2	-	101.3	98.2	96.6	97.6	83.0	W	91.0
July 2001	122.3	110.5	118.6	89.2	W	104.0	109.6	102.6	108.5	81.8	W	94.9
<b>New Jersey</b>												
July 2002	115.1	113.7	108.0	93.1	86.3	98.1	101.2	100.5	97.1	85.8	80.0	86.9
June 2002	114.6	113.2	106.9	87.7	80.4	94.7	100.7	100.0	95.9	80.7	76.2	84.0
July 2001	137.2	128.4	128.1	90.0	84.9	105.1	122.7	118.3	116.7	82.5	78.4	90.1
<b>New York</b>												
July 2002	111.8	111.3	109.0	96.4	W	106.1	101.7	101.5	100.2	89.1	W	96.6
June 2002	111.6	111.1	107.9	91.3	W	104.4	101.4	101.1	99.2	84.2	W	94.6
July 2001	132.9	130.2	125.6	94.6	W	118.7	121.9	120.1	116.4	85.9	W	107.6
<b>Pennsylvania</b>												
July 2002	111.3	110.8	101.3	92.0	W	98.3	96.9	96.7	90.8	84.8	80.3	88.4
June 2002	111.9	111.0	101.2	87.1	W	96.4	97.4	96.8	90.5	80.3	W	86.6
July 2001	132.4	129.0	121.4	89.8	W	108.1	117.1	114.9	110.2	81.0	72.7	98.0

See footnotes at end of table.

**Table 34. Reformulated Motor Gasoline Prices by Grade, Sales Type, PAD District, and Selected States**  
(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Month	Regular						Midgrade					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average <sup>a</sup>	DTW	Rack	Bulk	Average	Through Retail Outlets	Average <sup>a</sup>	DTW	Rack	Bulk	Average
<b>Subdistrict IC</b>												
July 2002 .....	95.5	94.7	92.3	84.2	—	87.7	104.8	104.0	99.5	88.3	—	95.3
June 2002 .....	95.8	95.0	92.7	82.3	—	86.9	106.1	105.4	100.1	86.3	—	95.1
July 2001 .....	105.4	103.7	99.6	79.5	—	86.9	116.0	114.4	106.2	85.1	—	96.5
<b>Virginia</b>												
July 2002 .....	95.5	94.7	92.3	84.2	—	87.7	104.8	104.0	99.5	88.3	—	95.3
June 2002 .....	95.8	95.0	92.7	82.3	—	86.9	106.1	105.4	100.1	86.3	—	95.1
July 2001 .....	105.4	103.7	99.6	79.5	—	86.9	116.0	114.4	106.2	85.1	—	96.5
<b>PAD District II</b>												
July 2002 .....	104.1	104.0	98.1	92.6	—	95.2	114.4	114.2	109.2	96.5	—	105.1
June 2002 .....	105.9	105.6	99.3	92.1	—	95.1	116.5	116.0	111.2	96.0	—	106.1
July 2001 .....	96.0	95.9	88.2	82.0	W	84.2	106.6	106.2	96.9	87.1	—	93.6
<b>Illinois</b>												
July 2002 .....	106.4	106.2	99.4	93.6	—	96.4	116.5	115.9	109.3	96.9	—	105.7
June 2002 .....	108.9	108.7	102.8	92.8	—	96.8	118.7	118.1	112.6	96.2	—	107.6
July 2001 .....	97.9	97.6	90.0	81.8	W	84.6	108.4	107.7	98.4	87.0	—	94.9
<b>Indiana</b>												
July 2002 .....	100.8	101.5	97.5	93.3	—	94.7	110.1	112.3	106.3	97.0	—	103.5
June 2002 .....	101.6	102.0	97.7	93.2	—	94.7	111.5	112.4	105.9	96.4	—	102.6
July 2001 .....	93.6	93.6	86.1	81.8	—	83.2	105.0	104.9	95.3	85.8	—	92.0
<b>Kentucky</b>												
July 2002 .....	99.4	99.2	93.4	89.7	—	90.0	109.6	109.6	98.1	95.2	—	95.6
June 2002 .....	100.8	100.3	92.9	89.8	—	90.0	112.0	112.0	98.6	95.6	—	96.0
July 2001 .....	95.4	95.4	91.5	84.7	—	85.5	104.7	104.7	95.4	90.6	—	91.3
<b>Missouri</b>												
July 2002 .....	100.4	100.4	NA	92.2	—	96.7	110.3	110.3	116.7	95.7	—	112.2
June 2002 .....	101.0	101.1	98.6	90.9	—	95.2	112.4	112.4	116.3	94.7	—	111.7
July 2001 .....	88.2	88.4	86.5	77.5	—	81.1	98.2	98.2	94.5	81.2	—	91.0
<b>Wisconsin</b>												
July 2002 .....	103.7	103.4	94.8	92.4	—	93.6	112.3	111.9	101.9	96.9	—	100.2
June 2002 .....	103.3	103.2	94.9	92.5	—	93.7	112.3	111.9	102.1	96.9	—	100.4
July 2001 .....	96.3	96.4	86.9	84.7	—	85.8	104.6	104.6	93.7	89.1	—	92.0
<b>PAD District III</b>												
July 2002 .....	90.2	90.6	87.0	82.7	76.2	83.0	99.8	99.5	89.8	86.9	—	88.3
June 2002 .....	91.2	91.4	86.6	81.4	75.2	81.8	100.7	100.2	88.3	85.0	—	86.5
July 2001 .....	94.5	94.2	90.4	79.0	78.1	79.8	105.9	105.6	95.5	83.9	—	87.1
<b>Texas</b>												
July 2002 .....	90.2	90.6	87.0	82.7	76.2	83.0	99.8	99.5	89.8	86.9	—	88.3
June 2002 .....	91.2	91.4	86.6	81.4	75.2	81.8	100.7	100.2	88.3	85.0	—	86.5
July 2001 .....	94.5	94.2	90.4	79.0	78.2	79.8	105.9	105.6	95.5	83.9	—	87.1
<b>PAD District V</b>												
July 2002 .....	106.4	106.5	99.6	92.9	86.1	96.1	118.7	118.0	109.3	97.3	—	107.1
June 2002 .....	106.0	106.1	100.0	97.4	91.0	98.4	118.0	117.5	109.5	101.8	—	108.3
July 2001 .....	122.3	120.4	111.1	81.4	84.0	98.4	134.8	133.5	122.1	86.2	—	115.5
<b>Arizona</b>												
July 2002 .....	104.6	104.6	97.4	96.4	W	97.1	115.3	115.3	104.9	103.7	—	104.7
June 2002 .....	103.4	103.6	97.2	101.1	—	98.2	114.0	114.0	104.4	107.7	—	104.9
July 2001 .....	110.8	109.1	94.7	91.5	—	94.0	120.9	120.3	105.2	98.1	—	104.1
<b>California</b>												
July 2002 .....	106.4	106.4	99.7	92.8	86.0	96.1	118.6	117.8	109.4	97.3	—	107.1
June 2002 .....	106.1	106.2	100.2	97.3	91.0	98.4	118.1	117.5	109.6	101.7	—	108.4
July 2001 .....	123.7	121.8	112.8	81.0	84.0	98.7	135.8	134.4	122.7	85.8	—	115.9
<b>Nevada</b>												
July 2002 .....	W	W	W	W	—	W	W	W	—	—	—	—
June 2002 .....	W	W	—	W	—	W	W	W	—	W	—	W
July 2001 .....	W	W	W	W	—	W	W	W	W	—	—	W

See footnotes at end of table.

**Table 34. Reformulated Motor Gasoline Prices by Grade, Sales Type, PAD District, and Selected States**  
(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average <sup>a</sup>	DTW	Rack	Bulk	Average	Through Retail Outlets	Average <sup>a</sup>	DTW	Rack	Bulk	Average
<b>Subdistrict IC</b>												
July 2002	114.6	112.8	106.5	93.9	—	100.5	99.6	98.7	96.3	86.2	—	90.9
June 2002	115.4	113.6	107.1	91.9	—	100.0	100.2	99.3	96.8	84.3	—	90.3
July 2001	125.1	122.5	113.5	90.5	W	100.5	109.6	107.9	103.6	81.8	W	90.6
<b>Virginia</b>												
July 2002	114.6	112.8	106.5	93.9	—	100.5	99.6	98.7	96.3	86.2	—	90.9
June 2002	115.4	113.6	107.1	91.9	—	100.0	100.2	99.3	96.8	84.3	—	90.3
July 2001	125.1	122.5	113.5	90.5	W	100.5	109.6	107.9	103.6	81.8	W	90.6
<b>PAD District II</b>												
July 2002	122.7	121.9	112.8	102.8	—	108.2	107.4	107.3	101.3	94.0	—	97.6
June 2002	124.3	122.9	114.7	102.0	—	108.3	109.1	108.8	102.8	93.4	—	97.5
July 2001	115.5	115.1	104.0	92.9	—	98.1	99.3	99.2	91.7	83.4	W	86.7
<b>Illinois</b>												
July 2002	124.0	123.4	113.3	103.5	—	109.3	110.0	109.8	102.9	95.0	—	99.1
June 2002	126.3	125.5	NA	102.8	—	110.4	112.4	112.1	NA	94.2	—	99.7
July 2001	117.6	116.9	106.0	92.9	—	99.7	101.4	101.1	94.5	83.4	W	87.9
<b>Indiana</b>												
July 2002	120.1	118.8	111.1	103.7	—	107.2	103.7	104.7	101.2	94.6	—	97.2
June 2002	117.6	117.2	110.7	103.8	—	107.1	104.1	104.8	100.8	94.5	—	96.9
July 2001	114.9	114.9	99.7	92.8	—	96.0	97.1	97.1	89.8	83.3	—	85.7
<b>Kentucky</b>												
July 2002	119.0	117.0	105.5	99.6	—	100.2	102.3	102.1	95.3	91.2	—	91.6
June 2002	120.7	116.0	105.1	98.0	—	98.7	103.9	103.2	95.0	91.1	—	91.4
July 2001	110.9	111.2	103.5	95.4	—	96.6	98.5	98.5	93.4	86.2	—	87.0
<b>Missouri</b>												
July 2002	119.4	118.6	118.6	102.6	—	112.7	103.0	102.9	102.3	93.4	—	99.2
June 2002	120.6	117.1	117.5	101.2	—	110.5	103.8	103.6	102.2	92.0	—	97.9
July 2001	106.7	108.1	103.1	87.4	—	94.8	90.7	91.1	89.3	78.6	—	83.2
<b>Wisconsin</b>												
July 2002	120.8	120.3	107.2	103.3	—	105.4	105.5	105.2	96.4	93.6	—	95.1
June 2002	120.3	119.8	106.6	103.1	—	105.0	105.1	104.9	96.5	93.6	—	95.1
July 2001	112.7	112.7	99.6	96.1	—	97.9	98.1	98.2	88.6	85.9	—	87.3
<b>PAD District III</b>												
July 2002	108.7	107.3	97.5	92.8	83.3	91.5	93.9	93.8	88.9	84.4	78.2	84.7
June 2002	109.5	108.2	96.0	90.8	79.4	91.0	94.9	94.7	88.1	82.9	75.7	83.4
July 2001	114.2	111.0	104.4	89.4	NA	90.7	98.6	97.8	93.5	80.7	78.3	81.6
<b>Texas</b>												
July 2002	108.7	107.3	97.5	92.8	83.3	91.5	93.9	93.8	88.9	84.4	78.2	84.7
June 2002	109.5	108.2	96.0	90.8	79.4	91.0	94.9	94.7	88.1	82.9	75.7	83.4
July 2001	114.2	111.0	104.4	89.4	NA	90.7	98.6	97.8	93.5	80.7	78.4	81.6
<b>PAD District V</b>												
July 2002	126.6	125.3	113.5	102.1	92.2	109.0	110.7	110.4	102.9	94.4	86.7	99.0
June 2002	126.0	124.7	113.6	108.0	97.5	111.1	110.2	110.0	103.2	99.2	91.8	101.2
July 2001	142.3	141.0	127.6	92.6	85.6	116.0	127.3	125.5	114.8	83.2	84.1	102.0
<b>Arizona</b>												
July 2002	123.0	122.8	110.7	NA	—	110.1	107.9	107.7	99.8	98.0	W	99.3
June 2002	121.5	121.3	110.9	114.0	—	111.6	106.6	106.7	99.6	103.0	—	100.4
July 2001	131.5	129.9	109.2	100.8	—	107.1	114.3	112.6	97.2	93.1	—	96.3
<b>California</b>												
July 2002	126.6	125.2	113.6	102.0	92.2	109.0	110.7	110.4	103.1	94.3	86.6	99.0
June 2002	126.1	124.7	113.8	107.8	97.5	111.1	110.4	110.1	103.5	99.0	91.8	101.2
July 2001	143.1	141.8	129.0	92.1	85.6	116.6	128.7	126.9	116.4	82.7	84.1	102.5
<b>Nevada</b>												
July 2002	W	W	W	W	—	W	W	W	W	W	—	W
June 2002	W	W	—	W	—	W	W	W	—	W	—	W
July 2001	W	W	W	W	—	W	W	W	W	W	—	W

Dash (—) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

<sup>a</sup> Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Sources: Energy Information Administration Forms EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report," and EIA-782B, "Resellers'/Retailers' Monthly Petroleum Product Sales Report."

Notes: Values shown for the current month are preliminary. Values shown for previous months are revised. Data are final upon publication in the *Petroleum Marketing Annual*.

**Table 35. Refiner Motor Gasoline Prices by Grade, Sales Type, PAD District, and State**  
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Regular			Midgrade			Premium			All Grades		
	Sales to End Users		Sales for Resale									
	Through Retail Outlets	Other End Users <sup>a</sup>		Through Retail Outlets	Other End Users <sup>a</sup>		Through Retail Outlets	Other End Users <sup>a</sup>		Through Retail Outlets	Other End Users <sup>a</sup>	
<b>United States</b>												
July 2002 .....	97.1	85.5	85.5	107.1	87.1	94.2	115.3	94.9	98.2	100.6	87.1	87.8
June 2002 .....	95.8	85.2	83.3	105.7	88.5	92.4	114.4	93.1	95.9	99.4	86.8	85.6
July 2001 .....	99.5	80.5	81.7	111.3	83.0	91.9	120.6	92.9	96.2	103.5	82.2	84.3
<b>PAD District I</b>												
July 2002 .....	91.8	81.8	83.7	101.6	84.1	90.9	110.7	90.3	97.5	96.0	83.1	86.5
June 2002 .....	91.4	79.6	81.1	101.3	83.3	89.4	110.6	88.6	95.2	95.6	81.1	84.1
July 2001 .....	98.4	74.9	80.5	108.9	77.9	89.8	119.6	84.6	95.9	102.9	76.3	83.8
<b>Subdistrict IA</b>												
July 2002 .....	96.7	87.4	87.0	106.3	W	94.8	113.6	W	101.6	100.4	88.0	89.5
June 2002 .....	96.0	81.2	83.5	105.4	92.0	91.7	113.0	W	97.7	99.8	81.9	86.0
July 2001 .....	116.7	79.8	86.9	126.2	W	98.5	136.2	NA	99.6	120.3	80.1	89.6
<b>Connecticut</b>												
July 2002 .....	W	W	86.2	W	W	94.7	W	-	101.3	W	W	88.8
June 2002 .....	W	W	84.2	W	W	91.3	W	-	97.5	W	W	86.9
July 2001 .....	W	80.5	88.2	W	W	99.8	W	W	NA	W	80.8	91.1
<b>Maine</b>												
July 2002 .....	-	W	82.5	-	-	87.2	-	-	94.8	-	W	84.0
June 2002 .....	-	W	77.5	-	-	82.5	-	-	86.8	-	W	78.7
July 2001 .....	-	W	72.6	-	-	77.1	-	W	84.7	-	W	74.0
<b>Massachusetts</b>												
July 2002 .....	97.6	W	89.6	107.2	-	98.4	115.4	-	104.5	101.5	W	92.4
June 2002 .....	97.1	78.5	85.2	106.2	W	95.6	114.8	W	101.4	100.9	79.5	87.9
July 2001 .....	117.4	81.8	92.6	125.4	-	106.1	135.8	-	103.2	120.7	81.8	95.4
<b>New Hampshire</b>												
July 2002 .....	95.9	W	87.4	107.5	-	92.6	112.7	-	100.6	98.7	W	89.4
June 2002 .....	95.0	W	83.1	107.2	-	89.2	111.7	-	96.7	97.9	W	85.1
July 2001 .....	115.9	79.2	85.1	125.7	-	91.6	135.2	-	NA	118.3	79.2	86.7
<b>Rhode Island</b>												
July 2002 .....	94.3	W	88.6	104.3	-	94.4	W	-	101.6	98.3	W	91.2
June 2002 .....	94.4	W	85.0	105.0	-	91.6	W	-	98.1	98.6	W	87.5
July 2001 .....	111.6	W	89.7	122.0	-	98.3	W	-	103.5	115.6	W	92.4
<b>Vermont</b>												
July 2002 .....	-	W	83.4	-	W	89.7	-	W	94.7	-	W	85.2
June 2002 .....	-	W	78.7	-	W	86.3	-	W	90.1	-	W	80.4
July 2001 .....	-	80.5	75.1	-	W	82.9	-	W	86.7	-	82.4	76.9
<b>Subdistrict IB</b>												
July 2002 .....	92.5	84.3	84.9	101.8	87.8	95.4	111.4	93.4	100.7	96.6	85.6	88.3
June 2002 .....	91.7	81.0	81.8	100.9	85.7	94.2	110.8	90.8	98.1	95.8	82.5	85.3
July 2001 .....	105.3	78.8	85.2	117.3	83.2	101.8	129.5	88.4	105.1	110.4	80.2	89.6
<b>Delaware</b>												
July 2002 .....	90.5	W	84.0	98.5	-	89.0	108.4	-	94.8	94.1	W	85.8
June 2002 .....	91.0	W	80.4	99.2	-	85.5	109.1	-	91.0	94.7	W	82.2
July 2001 .....	108.7	W	83.0	118.7	-	87.8	128.6	-	94.0	112.8	W	84.8
<b>District of Columbia</b>												
July 2002 .....	-	W	100.9	-	W	106.8	-	W	113.5	-	W	105.8
June 2002 .....	-	W	101.2	-	W	107.6	-	W	114.1	-	W	106.4
July 2001 .....	-	W	114.1	-	W	119.8	-	W	126.9	-	W	119.1
<b>Maryland</b>												
July 2002 .....	-	W	87.9	-	W	96.3	-	W	101.8	-	W	91.1
June 2002 .....	-	81.0	87.3	-	W	97.0	-	W	101.9	-	W	90.8
July 2001 .....	-	78.7	91.4	-	W	102.0	-	W	105.4	-	80.1	95.0
<b>New Jersey</b>												
July 2002 .....	98.1	W	83.6	107.7	W	97.0	116.7	W	101.1	103.1	W	86.9
June 2002 .....	97.8	W	79.6	107.3	W	94.6	116.2	90.4	96.8	102.8	82.3	82.8
July 2001 .....	120.2	81.8	86.5	131.0	W	106.8	140.0	W	105.7	125.3	82.3	90.4
<b>New York</b>												
July 2002 .....	92.1	86.6	87.0	101.6	91.8	97.5	109.3	98.8	103.6	96.1	88.0	91.3
June 2002 .....	91.6	81.8	84.6	100.9	W	96.5	108.9	92.9	101.9	95.5	83.2	89.3
July 2001 .....	103.5	77.9	88.3	117.7	W	107.8	128.3	94.8	112.5	108.8	79.6	94.9
<b>Pennsylvania</b>												
July 2002 .....	89.7	82.2	82.6	98.8	W	89.0	108.1	W	94.2	93.1	83.6	84.6
June 2002 .....	88.3	79.5	79.0	97.6	W	86.7	107.1	W	90.7	91.8	80.9	81.1
July 2001 .....	98.5	75.9	78.2	109.8	W	88.8	120.0	86.4	91.9	102.6	78.4	80.5

See footnotes at end of table.

**Table 35. Refiner Motor Gasoline Prices by Grade, Sales Type, PAD District, and State**  
(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Month	Regular			Midgrade			Premium			All Grades		
	Sales to End Users		Sales for Resale									
	Through Retail Outlets	Other End Users <sup>a</sup>		Through Retail Outlets	Other End Users <sup>a</sup>		Through Retail Outlets	Other End Users <sup>a</sup>		Through Retail Outlets	Other End Users <sup>a</sup>	
<b>Subdistrict IC</b>												
July 2002 .....	90.4	80.7	81.7	100.8	83.3	87.6	109.7	89.4	93.8	94.7	82.2	84.3
June 2002 .....	90.4	78.8	79.9	100.9	82.4	86.1	110.0	87.8	92.1	94.8	80.5	82.6
July 2001 .....	90.2	73.1	74.6	101.8	76.5	81.5	110.4	83.4	87.3	94.9	74.7	77.4
<b>Florida</b>												
July 2002 .....	90.5	79.7	81.8	101.3	83.1	88.3	110.1	87.9	94.8	95.2	80.9	84.9
June 2002 .....	91.3	77.5	79.9	102.3	80.6	87.0	111.2	86.0	93.1	96.2	78.7	83.1
July 2001 .....	89.2	71.9	74.7	101.6	75.2	82.5	109.8	81.6	88.5	94.5	73.1	78.1
<b>Georgia</b>												
July 2002 .....	88.3	W	82.0	98.1	W	86.7	107.6	W	93.3	92.6	W	84.3
June 2002 .....	86.7	W	80.0	96.8	W	85.0	106.4	W	91.4	91.2	W	82.3
July 2001 .....	88.2	72.7	74.9	98.2	W	79.9	107.5	W	86.7	92.5	73.9	77.2
<b>North Carolina</b>												
July 2002 .....	87.2	W	80.1	97.3	W	84.9	104.3	W	91.0	90.8	W	82.2
June 2002 .....	86.1	W	78.2	97.0	W	83.0	103.7	W	88.9	89.8	W	80.2
July 2001 .....	83.4	71.3	71.3	93.9	W	76.1	100.3	W	82.1	87.1	72.9	73.3
<b>South Carolina</b>												
July 2002 .....	87.6	W	79.9	97.8	W	84.7	107.8	W	91.0	91.1	W	82.1
June 2002 .....	86.5	W	77.9	96.9	W	82.7	106.8	W	88.8	90.1	W	80.0
July 2001 .....	87.2	72.2	71.6	98.0	W	76.5	106.9	W	82.6	90.7	74.6	73.8
<b>Virginia</b>												
July 2002 .....	95.9	82.3	84.3	105.6	85.5	91.4	115.4	91.7	96.7	100.2	84.2	87.2
June 2002 .....	96.7	81.7	83.1	106.0	W	90.6	115.5	90.9	95.7	100.9	83.3	86.1
July 2001 .....	105.4	77.9	79.9	117.5	80.8	89.1	127.3	89.1	93.7	110.4	79.9	83.3
<b>West Virginia</b>												
July 2002 .....	95.4	82.7	82.5	103.9	—	86.4	111.6	—	92.9	97.5	82.7	83.9
June 2002 .....	94.2	81.2	80.8	102.6	—	84.8	110.5	—	91.0	96.3	81.2	82.3
July 2001 .....	91.5	NA	74.3	100.1	—	78.7	108.2	W	85.0	93.6	NA	75.7
<b>PAD District II</b>												
July 2002 .....	100.6	85.9	87.9	109.0	89.0	93.2	117.4	W	99.1	103.0	88.1	89.4
June 2002 .....	97.7	83.7	84.6	106.4	87.4	89.6	115.0	W	96.2	100.2	85.4	86.1
July 2001 .....	91.1	82.6	78.8	100.3	87.5	85.2	108.4	101.8	90.0	93.7	85.4	80.3
<b>Illinois</b>												
July 2002 .....	105.3	W	91.2	115.8	W	98.8	122.9	W	106.7	109.1	W	93.8
June 2002 .....	107.2	W	88.6	118.0	W	97.8	125.2	W	106.7	111.1	W	91.4
July 2001 .....	95.5	W	80.6	107.5	W	89.9	116.8	W	96.9	99.9	W	83.4
<b>Indiana</b>												
July 2002 .....	99.0	87.3	86.3	107.6	—	91.2	115.4	W	98.7	101.3	87.4	87.8
June 2002 .....	96.3	86.2	84.6	105.2	—	89.7	113.1	—	97.0	98.6	86.2	86.0
July 2001 .....	90.5	77.5	77.0	100.0	—	82.5	108.7	—	89.4	93.0	77.5	78.5
<b>Iowa</b>												
July 2002 .....	98.7	W	88.4	99.3	—	91.8	106.1	—	98.5	99.4	W	89.7
June 2002 .....	90.4	W	82.8	91.1	—	85.6	99.7	—	92.4	91.3	W	83.9
July 2001 .....	88.5	W	79.0	91.6	—	84.7	104.5	W	88.6	90.7	W	80.4
<b>Kansas</b>												
July 2002 .....	100.9	—	86.6	110.1	—	91.3	117.9	—	95.6	103.0	—	87.3
June 2002 .....	94.1	W	81.2	103.3	—	85.5	111.3	—	89.5	96.2	W	81.9
July 2001 .....	84.2	W	77.5	93.2	—	85.7	100.7	—	85.1	86.9	W	78.3
<b>Kentucky</b>												
July 2002 .....	98.2	82.4	84.5	109.0	W	89.0	118.5	NA	94.5	100.7	85.9	86.0
June 2002 .....	97.8	78.4	83.6	108.8	W	88.3	118.1	87.6	93.0	100.3	81.5	85.0
July 2001 .....	92.1	W	77.2	103.4	W	81.8	112.8	NA	87.5	94.7	88.3	78.7
<b>Michigan</b>												
July 2002 .....	100.9	87.9	90.6	107.8	W	96.4	113.5	W	102.8	102.3	89.9	92.1
June 2002 .....	97.8	88.2	88.2	104.6	W	93.8	110.4	W	100.3	99.3	89.6	89.6
July 2001 .....	91.8	90.2	81.6	99.3	88.6	86.7	108.3	W	93.9	93.5	92.3	83.0
<b>Minnesota</b>												
July 2002 .....	109.1	NA	94.2	113.9	W	94.7	123.3	—	102.2	110.5	92.5	94.9
June 2002 .....	100.4	83.2	86.0	105.1	W	87.2	114.9	W	94.0	101.9	83.2	86.8
July 2001 .....	100.9	83.0	85.6	107.2	W	88.1	115.5	W	93.3	102.5	83.1	86.5
<b>Missouri</b>												
July 2002 .....	97.6	W	88.5	107.1	W	100.5	116.4	W	98.8	99.7	W	89.8
June 2002 .....	94.2	W	85.1	105.1	W	99.9	114.8	W	95.3	96.6	W	86.6
July 2001 .....	87.3	W	77.5	97.9	W	88.8	107.1	W	87.9	89.7	W	78.8

See footnotes at end of table.

**Table 35. Refiner Motor Gasoline Prices by Grade, Sales Type, PAD District, and State**  
(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Month	Regular			Midgrade			Premium			All Grades		
	Sales to End Users		Sales for Resale									
	Through Retail Outlets	Other End Users <sup>a</sup>		Through Retail Outlets	Other End Users <sup>a</sup>		Through Retail Outlets	Other End Users <sup>a</sup>		Through Retail Outlets	Other End Users <sup>a</sup>	
<b>Nebraska</b>												
July 2002	95.8	W	88.0	95.8	—	90.3	W	—	97.8	96.7	W	88.8
June 2002	90.4	W	82.1	90.3	—	84.2	W	—	91.4	91.2	W	82.9
July 2001	87.1	W	78.5	95.7	—	84.5	101.1	—	87.2	89.7	W	79.5
<b>North Dakota</b>												
July 2002	NA	W	90.1	NA	W	93.3	NA	—	100.3	NA	W	91.2
June 2002	NA	W	84.3	NA	W	86.6	NA	—	94.4	NA	W	85.2
July 2001	—	W	82.1	—	W	86.6	—	—	92.8	—	W	83.2
<b>Ohio</b>												
July 2002	101.0	W	87.4	110.6	W	92.4	120.3	W	99.9	103.5	W	89.0
June 2002	98.3	W	86.0	107.9	W	90.4	117.3	W	98.4	100.9	W	87.5
July 2001	91.0	W	78.3	100.7	W	83.2	106.4	W	90.3	93.3	W	79.9
<b>Oklahoma</b>												
July 2002	92.0	NA	83.7	100.3	W	90.0	108.5	W	93.1	94.0	NA	84.5
June 2002	85.6	84.3	78.4	93.8	W	84.1	102.2	W	87.1	87.7	84.7	79.2
July 2001	80.6	76.5	75.7	88.5	W	80.4	96.9	W	83.7	82.8	77.0	76.4
<b>South Dakota</b>												
July 2002	NA	W	90.7	95.8	W	90.8	NA	W	101.6	NA	W	91.5
June 2002	NA	W	85.2	92.2	—	84.8	NA	W	95.4	NA	W	85.7
July 2001	W	W	80.9	96.4	W	82.4	107.9	W	90.5	W	W	81.8
<b>Tennessee</b>												
July 2002	89.7	80.5	81.4	98.2	W	86.0	105.4	88.3	92.2	93.3	81.3	83.4
June 2002	86.4	77.7	79.2	94.7	W	83.7	101.5	86.8	89.6	89.9	78.9	81.1
July 2001	83.5	75.9	73.9	93.4	77.2	78.4	100.2	NA	84.8	87.5	76.8	75.8
<b>Wisconsin</b>												
July 2002	102.5	W	89.3	W	W	93.8	119.4	—	100.3	104.2	W	90.4
June 2002	100.8	W	86.6	W	W	91.4	W	—	97.8	102.5	W	87.6
July 2001	W	NA	79.9	102.0	W	87.1	W	W	91.6	W	NA	81.1
<b>PAD District III</b>												
July 2002	89.1	79.3	78.0	98.7	81.2	85.7	107.0	87.7	88.5	92.4	80.5	79.5
June 2002	89.2	78.8	76.0	98.9	81.3	83.9	107.3	86.6	84.7	92.5	79.8	77.3
July 2001	89.1	74.9	73.4	101.1	74.0	79.7	109.3	82.6	83.6	93.0	75.8	74.8
<b>Alabama</b>												
July 2002	89.3	W	78.5	99.3	W	84.2	110.9	W	89.2	92.3	W	80.5
June 2002	88.3	W	76.8	98.5	W	82.4	110.0	W	87.6	91.4	W	78.8
July 2001	88.5	68.7	71.4	98.8	W	76.1	109.6	W	83.0	91.6	W	73.5
<b>Arkansas</b>												
July 2002	89.1	W	82.2	98.0	W	85.2	108.7	W	90.6	90.8	W	83.3
June 2002	86.5	W	79.6	97.5	W	83.1	106.0	—	85.8	88.3	W	80.5
July 2001	83.6	W	73.4	93.3	W	77.1	103.4	W	81.0	85.4	W	74.6
<b>Louisiana</b>												
July 2002	88.6	W	77.2	98.6	—	84.4	107.8	W	87.5	92.3	W	78.6
June 2002	88.9	W	75.8	99.0	—	82.6	108.2	W	82.9	92.6	W	77.0
July 2001	85.7	W	71.2	96.6	—	76.9	106.7	W	80.8	89.9	NA	72.8
<b>Mississippi</b>												
July 2002	88.5	W	78.6	97.9	W	84.1	107.6	W	89.7	91.1	W	80.4
June 2002	88.8	76.8	76.7	98.4	W	82.0	107.9	85.5	86.5	91.4	78.4	78.3
July 2001	87.4	69.3	69.8	96.9	W	74.9	105.6	W	76.3	90.0	70.4	71.2
<b>New Mexico</b>												
July 2002	97.3	86.6	85.8	107.4	W	90.2	117.4	W	95.5	100.1	87.2	87.2
June 2002	94.5	83.6	82.2	104.0	W	87.1	114.0	W	91.8	97.1	83.9	83.6
July 2001	95.4	85.7	80.9	105.0	W	85.6	114.2	W	90.7	98.0	86.0	82.3
<b>Texas</b>												
July 2002	88.5	79.8	77.4	98.0	W	86.8	106.2	91.0	87.8	91.9	80.8	78.8
June 2002	89.0	78.4	75.4	98.6	W	85.0	106.8	89.6	84.0	92.5	79.3	76.5
July 2001	89.5	92.5	73.9	102.1	W	82.6	109.7	NA	85.4	93.6	92.7	75.3
<b>PAD District IV</b>												
July 2002	99.9	92.0	90.1	111.8	96.1	94.5	122.0	102.5	100.7	105.7	94.5	92.0
June 2002	92.7	89.0	85.5	104.3	93.5	88.5	114.6	99.2	95.7	98.5	91.6	87.2
July 2001	106.3	98.7	88.9	118.9	106.9	94.8	128.8	109.8	99.5	111.8	101.7	90.9
<b>Colorado</b>												
July 2002	101.4	88.7	89.1	113.8	—	93.7	123.6	W	98.3	107.5	89.5	91.0
June 2002	93.2	W	82.9	105.3	—	87.4	115.4	W	92.2	99.3	W	84.7
July 2001	107.2	W	82.0	120.5	—	89.1	130.4	W	91.6	113.1	W	84.1

See footnotes at end of table.

**Table 35. Refiner Motor Gasoline Prices by Grade, Sales Type, PAD District, and State**  
(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Month	Regular			Midgrade			Premium			All Grades		
	Sales to End Users		Sales for Resale									
	Through Retail Outlets	Other End Users <sup>a</sup>		Through Retail Outlets	Other End Users <sup>a</sup>		Through Retail Outlets	Other End Users <sup>a</sup>		Through Retail Outlets	Other End Users <sup>a</sup>	
<b>Idaho</b>												
July 2002 .....	95.3	W	89.7	104.6	W	94.7	113.9	W	101.2	97.2	W	91.4
June 2002 .....	90.8	W	86.5	99.8	W	90.3	109.4	W	96.5	92.6	W	87.9
July 2001 .....	104.7	W	95.5	115.6	W	100.0	123.1	W	105.9	106.6	W	97.1
<b>Montana</b>												
July 2002 .....	W	W	90.9	W	—	W	W	W	104.3	W	94.6	93.0
June 2002 .....	W	90.1	89.3	W	—	W	W	W	102.6	W	NA	91.2
July 2001 .....	W	89.8	89.6	W	—	W	W	NA	102.5	W	90.5	91.6
<b>Utah</b>												
July 2002 .....	95.8	93.0	90.6	106.4	97.1	96.1	116.6	W	101.2	101.5	95.2	93.0
June 2002 .....	90.9	W	85.7	101.6	93.7	89.7	111.9	W	96.1	96.7	92.4	87.8
July 2001 .....	104.0	102.3	97.6	114.5	107.4	102.3	124.4	112.8	108.3	109.1	105.1	99.9
<b>Wyoming</b>												
July 2002 .....	99.3	W	91.7	110.2	—	W	W	W	W	103.0	W	93.6
June 2002 .....	94.2	W	86.9	104.2	—	93.4	W	W	W	97.7	W	88.6
July 2001 .....	102.0	W	86.7	113.1	—	NA	W	W	W	105.5	W	88.3
<b>PAD District V</b>												
July 2002 .....	104.6	NA	95.6	117.2	NA	106.4	125.2	97.9	109.4	108.8	95.4	98.5
June 2002 .....	104.1	94.3	96.6	116.6	96.7	107.0	124.6	96.8	110.2	108.3	95.0	99.5
July 2001 .....	119.0	85.5	98.2	130.8	87.8	113.6	141.4	93.6	116.2	123.2	86.6	101.7
<b>Alaska</b>												
July 2002 .....	127.3	NA	101.5	138.5	NA	114.0	144.5	W	118.5	129.6	NA	102.4
June 2002 .....	127.7	NA	103.2	138.7	NA	W	145.2	W	117.7	130.0	NA	104.1
July 2001 .....	136.7	131.0	109.8	144.7	—	125.7	157.2	W	128.2	138.6	131.8	110.7
<b>Arizona</b>												
July 2002 .....	102.3	NA	93.2	113.1	NA	101.2	121.3	W	106.9	105.4	NA	95.4
June 2002 .....	101.4	96.1	94.9	112.2	W	102.3	120.5	W	108.5	104.6	99.1	97.1
July 2001 .....	108.6	97.2	92.5	119.1	W	101.3	129.7	W	105.6	111.9	99.0	94.8
<b>California</b>												
July 2002 .....	105.3	NA	97.3	118.5	W	108.1	126.2	W	110.7	110.0	NA	100.4
June 2002 .....	105.1	96.7	99.0	118.1	W	108.9	125.9	W	111.9	109.7	97.9	102.0
July 2001 .....	123.6	W	101.9	134.9	W	118.1	145.3	W	121.0	128.0	W	105.9
<b>Hawaii</b>												
July 2002 .....	122.6	W	102.1	131.5	W	115.2	134.0	W	111.8	126.3	W	105.5
June 2002 .....	119.5	W	100.8	129.6	W	W	130.5	W	W	123.2	W	104.2
July 2001 .....	146.0	W	119.4	156.2	W	134.6	NA	W	131.6	148.1	W	123.6
<b>Nevada</b>												
July 2002 .....	98.1	W	89.6	113.1	W	95.5	117.8	—	103.1	102.5	W	92.2
June 2002 .....	97.0	96.0	89.9	111.4	W	95.9	117.3	—	103.5	101.4	95.1	92.5
July 2001 .....	102.7	81.1	86.4	115.9	—	94.8	125.4	W	100.6	107.3	81.7	89.1
<b>Oregon</b>												
July 2002 .....	103.5	W	90.8	115.4	—	97.4	124.8	NA	105.1	107.0	W	92.5
June 2002 .....	102.4	W	90.0	114.2	—	96.5	123.8	NA	104.2	105.8	W	91.7
July 2001 .....	114.1	W	86.5	125.5	—	95.1	136.1	W	99.7	117.3	W	88.3
<b>Washington</b>												
July 2002 .....	98.7	NA	92.1	112.3	W	99.4	120.7	W	106.9	103.1	W	94.4
June 2002 .....	97.7	NA	91.2	111.2	W	98.4	119.9	W	106.0	102.1	NA	93.4
July 2001 .....	108.8	W	90.2	122.7	—	100.4	133.0	—	104.8	113.5	W	92.6

Dash (—) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

<sup>a</sup> Sales to "other end users" are all end-user sales that were not made through company-operated retail outlets, e.g., sales to agricultural customers or utilities.

Source: Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

Notes: Motor gasoline averages and totals prior to October 1993 include leaded gasoline.

Notes: Values shown for the current month are preliminary. Values shown for previous months are revised. Data are final upon publication in the *Petroleum Marketing Annual*.

**Table 36. Refiner Prices of Aviation Fuels and Kerosene by PAD District and State**  
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Aviation Gasoline		Kerosene-Type Jet Fuel		Kerosene	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
<b>United States</b>						
July 2002 .....	138.9	118.9	72.2	71.5	80.6	73.4
June 2002 .....	127.3	116.7	68.8	67.9	83.8	69.4
July 2001 .....	134.6	120.9	76.9	75.9	83.4	75.4
<b>PAD District I</b>						
July 2002 .....	144.7	122.7	73.4	72.8	W	75.9
June 2002 .....	138.4	120.0	69.4	70.3	NA	72.4
July 2001 .....	136.2	116.0	75.4	75.4	82.5	76.7
<b>Subdistrict IA</b>						
July 2002 .....	W	W	76.7	77.8	NA	76.8
June 2002 .....	W	W	73.1	74.1	125.7	72.1
July 2001 .....	W	NA	76.3	NA	NA	81.3
<b>Connecticut</b>						
July 2002 .....	W	W	76.9	W	W	W
June 2002 .....	-	W	W	W	W	W
July 2001 .....	-	W	W	80.0	W	W
<b>Maine</b>						
July 2002 .....	W	W	W	-	-	75.1
June 2002 .....	W	-	W	-	-	72.5
July 2001 .....	W	W	W	86.2	-	77.2
<b>Massachusetts</b>						
July 2002 .....	W	W	74.9	78.0	W	W
June 2002 .....	W	W	71.4	W	W	W
July 2001 .....	W	112.9	74.0	NA	W	-
<b>New Hampshire</b>						
July 2002 .....	W	-	83.1	W	W	W
June 2002 .....	W	-	W	W	W	W
July 2001 .....	W	W	W	81.9	W	W
<b>Rhode Island</b>						
July 2002 .....	-	W	W	77.3	W	W
June 2002 .....	-	W	W	74.1	W	W
July 2001 .....	-	W	W	W	W	W
<b>Vermont</b>						
July 2002 .....	-	-	W	W	W	W
June 2002 .....	-	-	W	W	W	W
July 2001 .....	-	W	W	W	W	W
<b>Subdistrict IB</b>						
July 2002 .....	W	122.1	73.3	72.3	W	75.9
June 2002 .....	W	120.1	69.3	70.0	W	72.6
July 2001 .....	138.0	118.1	74.7	74.6	82.1	76.4
<b>Delaware</b>						
July 2002 .....	W	W	W	76.5	W	-
June 2002 .....	W	-	W	W	W	-
July 2001 .....	W	123.7	89.5	80.0	W	-
<b>District of Columbia</b>						
July 2002 .....	-	-	-	-	-	-
June 2002 .....	-	-	-	-	-	W
July 2001 .....	-	-	-	-	W	-
<b>Maryland</b>						
July 2002 .....	W	W	73.8	72.0	W	76.6
June 2002 .....	W	-	69.1	W	W	W
July 2001 .....	W	116.8	75.8	76.7	W	W
<b>New Jersey</b>						
July 2002 .....	W	W	73.2	71.7	W	76.3
June 2002 .....	W	W	69.1	70.2	W	W
July 2001 .....	W	119.6	74.5	74.1	W	75.6
<b>New York</b>						
July 2002 .....	NA	W	75.1	73.0	W	77.2
June 2002 .....	W	W	71.5	71.2	W	74.6
July 2001 .....	W	114.5	76.2	77.8	W	W
<b>Pennsylvania</b>						
July 2002 .....	W	120.9	71.5	72.9	101.9	73.2
June 2002 .....	W	122.2	67.6	69.2	NA	70.7
July 2001 .....	W	119.1	73.5	75.1	NA	81.4

See footnotes at end of table.

**Table 36. Refiner Prices of Aviation Fuels and Kerosene by PAD District and State**  
(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Month	Aviation Gasoline		Kerosene-Type Jet Fuel		Kerosene	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
<b>Subdistrict IC</b>						
July 2002 .....	139.6	122.3	72.9	73.4	NA	75.7
June 2002 .....	134.2	119.6	68.9	70.4	96.5	71.6
July 2001 .....	132.4	115.0	76.1	76.5	W	78.5
<b>Florida</b>						
July 2002 .....	139.6	120.3	73.7	76.5	122.0	77.1
June 2002 .....	130.4	W	69.5	NA	125.5	71.9
July 2001 .....	128.5	116.6	76.1	78.0	92.8	78.8
<b>Georgia</b>						
July 2002 .....	W	W	71.0	71.7	W	75.5
June 2002 .....	W	120.3	67.2	67.7	W	73.0
July 2001 .....	W	116.3	75.9	75.5	W	77.1
<b>North Carolina</b>						
July 2002 .....	W	125.6	71.9	72.9	—	75.3
June 2002 .....	W	118.1	67.7	69.9	—	71.2
July 2001 .....	W	109.5	76.2	74.5	W	77.1
<b>South Carolina</b>						
July 2002 .....	141.9	127.2	76.5	74.9	W	75.9
June 2002 .....	W	W	72.6	71.1	W	71.7
July 2001 .....	143.2	124.2	80.4	80.6	W	79.2
<b>Virginia</b>						
July 2002 .....	W	128.1	72.5	70.6	W	75.9
June 2002 .....	W	W	68.2	69.2	121.7	72.3
July 2001 .....	W	108.3	75.4	76.4	W	80.1
<b>West Virginia</b>						
July 2002 .....	W	W	86.0	W	W	W
June 2002 .....	W	—	80.3	W	W	W
July 2001 .....	W	126.1	W	82.8	W	—
<b>PAD District II</b>						
July 2002 .....	129.2	116.4	72.9	74.1	91.5	80.1
June 2002 .....	W	110.5	69.2	69.8	NA	76.4
July 2001 .....	121.8	115.0	76.0	77.5	95.0	85.5
<b>Illinois</b>						
July 2002 .....	W	W	72.3	74.6	W	78.8
June 2002 .....	W	W	67.6	68.9	W	73.8
July 2001 .....	W	W	73.5	76.8	W	85.7
<b>Indiana</b>						
July 2002 .....	—	W	71.8	72.6	W	79.6
June 2002 .....	W	119.4	69.2	W	W	76.8
July 2001 .....	W	121.4	76.0	76.7	W	85.8
<b>Iowa</b>						
July 2002 .....	—	W	74.8	74.7	—	W
June 2002 .....	W	W	71.0	71.1	—	W
July 2001 .....	W	122.5	81.1	82.3	W	86.7
<b>Kansas</b>						
July 2002 .....	W	121.4	74.2	72.6	—	W
June 2002 .....	W	109.5	71.8	NA	—	W
July 2001 .....	W	114.2	80.0	84.5	—	W
<b>Kentucky</b>						
July 2002 .....	W	W	W	75.3	W	W
June 2002 .....	W	W	68.0	71.3	W	W
July 2001 .....	W	118.4	75.9	78.7	W	83.2
<b>Michigan</b>						
July 2002 .....	W	124.0	W	76.0	W	W
June 2002 .....	W	W	71.6	70.5	W	W
July 2001 .....	118.8	116.4	79.0	78.9	W	84.8
<b>Minnesota</b>						
July 2002 .....	W	117.4	74.5	76.4	—	W
June 2002 .....	W	W	70.9	72.2	—	W
July 2001 .....	W	111.1	79.7	83.7	—	W
<b>Missouri</b>						
July 2002 .....	W	113.3	73.7	71.7	—	77.6
June 2002 .....	W	W	68.5	W	—	W
July 2001 .....	W	122.6	76.0	82.0	—	87.8

See footnotes at end of table.

**Table 36. Refiner Prices of Aviation Fuels and Kerosene by PAD District and State**  
(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Month	Aviation Gasoline		Kerosene-Type Jet Fuel		Kerosene	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
<b>Nebraska</b>						
July 2002 .....	—	120.7	75.0	76.4	—	—
June 2002 .....	W	110.5	70.7	72.9	—	W
July 2001 .....	W	119.3	78.5	83.3	—	—
<b>North Dakota</b>						
July 2002 .....	W	W	NA	76.7	—	—
June 2002 .....	W	W	NA	72.7	—	—
July 2001 .....	133.6	131.4	83.9	87.9	—	W
<b>Ohio</b>						
July 2002 .....	W	NA	72.7	72.3	W	81.8
June 2002 .....	W	114.5	68.7	W	W	76.7
July 2001 .....	W	NA	73.5	75.8	W	87.7
<b>Oklahoma</b>						
July 2002 .....	W	104.7	72.4	76.5	—	W
June 2002 .....	W	102.8	70.8	72.7	—	W
July 2001 .....	115.6	115.0	78.0	74.8	—	85.9
<b>South Dakota</b>						
July 2002 .....	W	121.7	74.2	75.9	—	—
June 2002 .....	W	111.7	74.9	71.5	—	—
July 2001 .....	W	W	84.9	84.9	—	W
<b>Tennessee</b>						
July 2002 .....	W	116.7	72.8	75.2	W	78.4
June 2002 .....	W	110.2	68.7	72.1	W	75.4
July 2001 .....	W	120.6	75.9	79.8	W	79.8
<b>Wisconsin</b>						
July 2002 .....	—	W	W	76.9	—	80.0
June 2002 .....	W	W	W	W	—	76.8
July 2001 .....	—	W	78.4	81.1	—	85.4
<b>PAD District III</b>						
July 2002 .....	NA	112.6	70.0	69.2	W	70.2
June 2002 .....	117.8	107.1	65.9	65.2	W	66.4
July 2001 .....	124.6	109.2	73.6	73.3	82.1	72.5
<b>Alabama</b>						
July 2002 .....	W	W	74.1	73.8	—	W
June 2002 .....	W	W	69.6	68.9	—	70.6
July 2001 .....	W	111.5	77.0	75.9	—	74.0
<b>Arkansas</b>						
July 2002 .....	W	112.6	W	76.2	—	—
June 2002 .....	—	111.2	W	72.5	—	—
July 2001 .....	W	W	W	77.1	—	—
<b>Louisiana</b>						
July 2002 .....	W	107.2	74.8	68.9	W	W
June 2002 .....	W	102.2	66.2	65.1	W	W
July 2001 .....	124.4	113.4	73.5	73.2	W	W
<b>Mississippi</b>						
July 2002 .....	W	119.1	W	W	W	W
June 2002 .....	W	107.9	63.9	65.8	W	W
July 2001 .....	W	115.6	72.3	72.7	W	W
<b>New Mexico</b>						
July 2002 .....	W	118.3	76.1	80.1	—	W
June 2002 .....	W	114.1	71.9	76.9	—	W
July 2001 .....	W	W	78.2	W	—	W
<b>Texas</b>						
July 2002 .....	NA	111.6	68.5	69.1	—	72.5
June 2002 .....	109.6	105.9	65.8	65.0	—	NA
July 2001 .....	116.9	105.2	73.7	73.1	W	NA
<b>PAD District IV</b>						
July 2002 .....	135.5	124.0	78.5	81.0	—	87.5
June 2002 .....	W	119.0	75.2	77.5	—	W
July 2001 .....	140.4	123.6	84.1	87.2	—	93.9
<b>Colorado</b>						
July 2002 .....	W	123.1	75.3	79.5	—	87.5
June 2002 .....	W	117.1	70.7	74.4	—	W
July 2001 .....	W	121.0	78.9	83.8	—	W

See footnotes at end of table.

**Table 36. Refiner Prices of Aviation Fuels and Kerosene by PAD District and State**  
(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Month	Aviation Gasoline		Kerosene-Type Jet Fuel		Kerosene	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
<b>Idaho</b>						
July 2002 .....	W	W	87.3	84.5	—	—
June 2002 .....	W	W	W	82.3	—	—
July 2001 .....	W	W	94.6	101.2	—	—
<b>Montana</b>						
July 2002 .....	—	129.3	85.0	W	—	—
June 2002 .....	—	W	80.9	W	—	—
July 2001 .....	W	W	93.3	94.4	—	—
<b>Utah</b>						
July 2002 .....	—	W	79.9	NA	—	—
June 2002 .....	—	W	78.6	NA	—	—
July 2001 .....	W	118.4	88.0	87.5	—	W
<b>Wyoming</b>						
July 2002 .....	W	120.7	84.3	W	—	—
June 2002 .....	W	NA	W	W	—	—
July 2001 .....	W	120.6	84.8	88.8	—	—
<b>PAD District V</b>						
July 2002 .....	138.4	122.9	71.9	73.2	—	88.6
June 2002 .....	135.1	124.5	70.0	69.9	W	84.8
July 2001 .....	145.7	134.4	80.1	82.0	W	93.9
<b>Alaska</b>						
July 2002 .....	W	W	73.2	74.9	—	—
June 2002 .....	W	W	71.6	73.1	W	—
July 2001 .....	150.3	134.5	81.6	79.8	W	—
<b>Arizona</b>						
July 2002 .....	W	110.6	73.5	75.0	—	—
June 2002 .....	W	W	70.5	71.7	—	—
July 2001 .....	W	121.9	82.8	84.0	—	W
<b>California</b>						
July 2002 .....	W	125.9	71.2	72.1	—	94.1
June 2002 .....	133.6	125.3	69.6	68.8	—	95.2
July 2001 .....	145.5	137.0	80.6	82.2	—	W
<b>Hawaii</b>						
July 2002 .....	—	W	W	W	—	—
June 2002 .....	—	W	W	W	—	—
July 2001 .....	—	W	W	W	—	—
<b>Nevada</b>						
July 2002 .....	W	W	73.4	75.5	—	—
June 2002 .....	W	W	70.3	72.6	—	—
July 2001 .....	W	138.6	81.8	85.8	—	—
<b>Oregon</b>						
July 2002 .....	W	W	71.2	73.3	—	W
June 2002 .....	W	W	68.6	70.1	—	W
July 2001 .....	W	W	79.6	83.6	—	W
<b>Washington</b>						
July 2002 .....	W	W	70.6	71.3	—	W
June 2002 .....	W	W	67.8	69.9	—	W
July 2001 .....	W	W	72.3	83.5	—	W

Dash (—) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: PAD District and U.S. averages represent data for all States. In certain PAD Districts, however, prices are not shown for every State.

Notes: Values shown for the current month are preliminary. Values shown for previous months are revised. Data are final upon publication in the *Petroleum Marketing Annual*.

Source: Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

**Table 37. Refiner Prices of Distillate Fuels by PAD District and State**  
(Cents per Gallon Excluding Taxes)

Geographic Area Month	No. 1 Distillate		No. 2 Distillate <sup>a</sup>		No. 4 Fuel <sup>b</sup>	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
<b>United States</b>						
July 2002 .....	82.5	76.3	74.9	70.7	65.5	60.9
June 2002 .....	80.5	77.1	72.9	67.8	62.6	61.3
July 2001 .....	86.6	86.0	81.1	75.1	61.4	57.2
<b>PAD District I</b>						
July 2002 .....	W	76.0	75.2	70.0	W	W
June 2002 .....	W	72.1	73.3	66.9	W	W
July 2001 .....	W	NA	79.9	73.7	W	W
<b>Subdistrict IA</b>						
July 2002 .....	-	W	79.8	71.7	W	W
June 2002 .....	-	75.7	77.6	67.6	W	W
July 2001 .....	W	W	83.9	73.3	W	W
<b>Connecticut</b>						
July 2002 .....	-	-	75.6	71.4	W	W
June 2002 .....	-	-	71.6	67.6	W	W
July 2001 .....	-	W	79.4	72.2	W	W
<b>Maine</b>						
July 2002 .....	-	-	W	71.8	-	-
June 2002 .....	-	-	W	67.9	-	-
July 2001 .....	W	-	W	73.8	-	-
<b>Massachusetts</b>						
July 2002 .....	-	-	80.1	71.8	W	-
June 2002 .....	-	W	78.2	67.0	W	-
July 2001 .....	-	-	84.2	74.5	W	-
<b>New Hampshire</b>						
July 2002 .....	-	-	W	72.4	-	-
June 2002 .....	-	W	W	69.8	-	-
July 2001 .....	-	-	W	74.9	W	-
<b>Rhode Island</b>						
July 2002 .....	-	-	75.9	71.9	-	-
June 2002 .....	-	-	73.1	67.5	-	-
July 2001 .....	-	W	79.2	73.0	W	-
<b>Vermont</b>						
July 2002 .....	-	W	90.5	W	W	-
June 2002 .....	-	W	92.9	68.7	W	-
July 2001 .....	-	W	97.1	W	W	-
<b>Subdistrict IB</b>						
July 2002 .....	W	76.5	76.5	69.7	W	W
June 2002 .....	W	71.7	75.1	66.8	W	W
July 2001 .....	W	NA	81.5	73.7	W	W
<b>Delaware</b>						
July 2002 .....	-	-	74.0	70.8	W	-
June 2002 .....	-	-	71.5	67.5	W	-
July 2001 .....	-	-	81.8	73.9	W	-
<b>District of Columbia</b>						
July 2002 .....	-	-	W	76.1	W	-
June 2002 .....	-	-	W	73.3	W	-
July 2001 .....	-	-	W	NA	W	-
<b>Maryland</b>						
July 2002 .....	-	W	72.1	70.8	W	-
June 2002 .....	W	W	69.1	67.6	W	-
July 2001 .....	-	W	79.0	74.4	W	-
<b>New Jersey</b>						
July 2002 .....	-	-	76.8	68.6	W	W
June 2002 .....	-	-	74.9	65.5	W	W
July 2001 .....	W	-	80.3	73.7	W	W
<b>New York</b>						
July 2002 .....	W	76.7	80.6	70.5	W	W
June 2002 .....	-	73.5	78.4	68.2	W	W
July 2001 .....	-	W	83.6	75.0	W	W
<b>Pennsylvania</b>						
July 2002 .....	-	77.0	75.7	70.2	W	-
June 2002 .....	-	72.0	75.6	67.2	W	W
July 2001 .....	-	82.8	81.5	73.1	W	-

See footnotes at end of table.

**Table 37. Refiner Prices of Distillate Fuels by PAD District and State**  
(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Month	No. 1 Distillate		No. 2 Distillate <sup>a</sup>		No. 4 Fuel <sup>b</sup>	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
<b>Subdistrict IC</b>						
July 2002 .....	W	W	74.0	70.2	70.3	W
June 2002 .....	W	W	71.9	66.9	70.4	W
July 2001 .....	—	W	78.8	73.7	W	W
<b>Florida</b>						
July 2002 .....	—	W	76.0	70.7	W	—
June 2002 .....	—	W	73.6	67.6	W	—
July 2001 .....	—	W	81.4	74.7	W	—
<b>Georgia</b>						
July 2002 .....	—	—	75.3	69.6	—	—
June 2002 .....	—	—	73.2	66.3	—	—
July 2001 .....	—	—	78.6	73.1	—	—
<b>North Carolina</b>						
July 2002 .....	—	W	67.8	69.8	—	—
June 2002 .....	—	W	66.0	66.4	W	—
July 2001 .....	—	W	75.2	72.9	—	—
<b>South Carolina</b>						
July 2002 .....	—	W	74.8	70.3	—	—
June 2002 .....	—	W	72.7	66.7	—	—
July 2001 .....	—	W	78.3	73.3	W	—
<b>Virginia</b>						
July 2002 .....	W	W	72.7	69.8	W	W
June 2002 .....	W	W	70.3	66.5	W	W
July 2001 .....	—	W	76.5	73.4	W	W
<b>West Virginia</b>						
July 2002 .....	—	—	73.8	72.3	—	—
June 2002 .....	—	—	70.9	69.5	—	—
July 2001 .....	—	—	78.7	75.3	—	—
<b>PAD District II</b>						
July 2002 .....	82.4	77.7	74.2	72.5	W	W
June 2002 .....	80.4	73.7	71.3	68.7	W	W
July 2001 .....	89.2	83.5	79.5	77.2	W	W
<b>Illinois</b>						
July 2002 .....	W	78.0	75.6	71.2	—	—
June 2002 .....	W	73.2	72.6	67.6	—	—
July 2001 .....	W	83.7	78.9	74.9	—	—
<b>Indiana</b>						
July 2002 .....	W	77.8	74.8	72.3	W	—
June 2002 .....	W	73.1	72.8	68.8	W	—
July 2001 .....	W	80.2	79.5	76.0	W	—
<b>Iowa</b>						
July 2002 .....	W	76.2	75.5	74.0	—	—
June 2002 .....	W	71.2	71.6	70.1	—	—
July 2001 .....	W	83.1	81.6	79.5	—	—
<b>Kansas</b>						
July 2002 .....	W	77.2	74.7	72.7	—	—
June 2002 .....	W	71.9	68.1	68.4	—	—
July 2001 .....	W	82.1	80.8	78.8	—	—
<b>Kentucky</b>						
July 2002 .....	W	W	74.4	71.9	W	—
June 2002 .....	W	W	72.4	69.0	W	—
July 2001 .....	W	W	79.8	75.0	W	—
<b>Michigan</b>						
July 2002 .....	W	81.0	78.5	73.8	—	—
June 2002 .....	W	W	75.2	70.7	—	—
July 2001 .....	W	86.0	81.3	77.5	—	—
<b>Minnesota</b>						
July 2002 .....	W	76.0	75.8	74.0	W	W
June 2002 .....	W	71.0	72.9	69.4	W	W
July 2001 .....	W	86.3	83.2	80.1	W	W
<b>Missouri</b>						
July 2002 .....	W	75.2	77.0	72.4	—	—
June 2002 .....	W	71.6	73.3	68.3	—	—
July 2001 .....	W	79.9	81.8	76.6	—	—

See footnotes at end of table.

**Table 37. Refiner Prices of Distillate Fuels by PAD District and State**  
(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Month	No. 1 Distillate		No. 2 Distillate <sup>a</sup>		No. 4 Fuel <sup>b</sup>	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
<b>Nebraska</b>						
July 2002 .....	—	76.1	78.3	74.1	—	—
June 2002 .....	—	73.5	74.8	69.8	—	—
July 2001 .....	—	NA	83.4	79.7	—	—
<b>North Dakota</b>						
July 2002 .....	—	78.4	NA	75.1	—	—
June 2002 .....	—	74.8	W	71.8	—	—
July 2001 .....	—	85.6	W	82.6	—	—
<b>Ohio</b>						
July 2002 .....	W	W	75.3	72.4	W	—
June 2002 .....	W	W	72.8	69.3	W	—
July 2001 .....	W	W	80.1	77.6	W	—
<b>Oklahoma</b>						
July 2002 .....	—	W	70.1	70.3	—	—
June 2002 .....	—	W	66.5	66.4	—	—
July 2001 .....	—	W	75.3	76.7	—	W
<b>South Dakota</b>						
July 2002 .....	—	81.7	81.4	76.6	—	—
June 2002 .....	—	NA	W	72.0	—	—
July 2001 .....	—	86.7	82.3	81.2	—	—
<b>Tennessee</b>						
July 2002 .....	—	W	73.2	70.4	—	—
June 2002 .....	—	W	71.3	68.7	W	—
July 2001 .....	—	—	78.4	73.9	—	—
<b>Wisconsin</b>						
July 2002 .....	W	75.8	75.0	73.3	—	—
June 2002 .....	W	71.9	71.5	69.4	—	—
July 2001 .....	W	82.9	80.3	78.7	—	—
<b>PAD District III</b>						
July 2002 .....	—	W	72.7	68.0	—	W
June 2002 .....	—	76.5	70.1	64.9	—	W
July 2001 .....	—	87.4	79.8	72.6	—	W
<b>Alabama</b>						
July 2002 .....	—	W	72.0	69.3	—	—
June 2002 .....	—	—	69.2	65.5	—	—
July 2001 .....	—	—	77.0	72.6	—	—
<b>Arkansas</b>						
July 2002 .....	—	—	71.7	69.8	—	—
June 2002 .....	—	—	72.4	67.5	—	—
July 2001 .....	—	—	78.0	73.8	—	—
<b>Louisiana</b>						
July 2002 .....	—	W	69.8	66.3	—	—
June 2002 .....	—	—	66.0	63.8	—	—
July 2001 .....	—	—	80.4	70.5	—	—
<b>Mississippi</b>						
July 2002 .....	—	—	74.7	68.3	—	W
June 2002 .....	—	—	72.2	65.5	—	W
July 2001 .....	—	—	76.3	72.0	—	W
<b>New Mexico</b>						
July 2002 .....	—	—	83.3	73.8	—	—
June 2002 .....	—	—	82.4	70.2	—	—
July 2001 .....	—	92.3	99.0	81.1	—	—
<b>Texas</b>						
July 2002 .....	—	W	73.4	67.9	—	—
June 2002 .....	—	76.5	70.8	64.6	—	—
July 2001 .....	—	W	79.7	72.8	—	—
<b>PAD District IV</b>						
July 2002 .....	85.7	81.9	76.9	74.7	—	—
June 2002 .....	87.2	80.4	76.8	73.1	W	—
July 2001 .....	W	88.3	85.1	79.7	—	—
<b>Colorado</b>						
July 2002 .....	W	NA	78.6	75.4	—	—
June 2002 .....	W	75.2	76.2	71.0	—	—
July 2001 .....	W	84.7	89.5	79.1	—	—

See footnotes at end of table.

**Table 37. Refiner Prices of Distillate Fuels by PAD District and State**  
(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Month	No. 1 Distillate		No. 2 Distillate <sup>a</sup>		No. 4 Fuel <sup>b</sup>	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
<b>Idaho</b>						
July 2002 .....	W	79.2	74.6	74.0	—	—
June 2002 .....	—	80.1	74.3	74.3	—	—
July 2001 .....	—	84.1	79.7	77.9	—	—
<b>Montana</b>						
July 2002 .....	—	80.8	72.8	73.4	—	—
June 2002 .....	—	80.7	74.9	73.2	—	—
July 2001 .....	—	92.1	80.1	79.5	—	—
<b>Utah</b>						
July 2002 .....	W	85.0	77.0	74.1	—	—
June 2002 .....	W	84.5	77.4	74.6	W	—
July 2001 .....	W	W	83.0	80.2	—	—
<b>Wyoming</b>						
July 2002 .....	—	89.2	77.6	76.4	—	—
June 2002 .....	W	86.5	77.8	73.9	—	—
July 2001 .....	—	96.5	86.3	82.1	—	—
<b>PAD District V</b>						
July 2002 .....	82.6	79.0	77.5	72.7	W	—
June 2002 .....	80.4	82.9	77.2	72.4	W	—
July 2001 .....	82.1	90.9	85.8	77.1	W	W
<b>Alaska</b>						
July 2002 .....	W	79.4	96.1	72.4	W	—
June 2002 .....	W	83.9	96.6	73.8	W	—
July 2001 .....	82.0	93.1	NA	79.9	W	—
<b>Arizona</b>						
July 2002 .....	—	—	79.0	73.5	—	—
June 2002 .....	—	—	78.6	71.7	—	—
July 2001 .....	—	—	86.0	78.2	—	—
<b>California</b>						
July 2002 .....	—	—	77.1	74.1	—	—
June 2002 .....	—	—	76.6	74.4	—	—
July 2001 .....	—	—	85.6	80.2	—	W
<b>Hawaii</b>						
July 2002 .....	—	—	W	84.7	—	—
June 2002 .....	—	—	78.9	84.3	—	—
July 2001 .....	—	—	W	101.0	—	—
<b>Nevada</b>						
July 2002 .....	—	—	W	73.5	W	—
June 2002 .....	—	—	81.5	72.8	W	—
July 2001 .....	—	—	W	78.4	—	W
<b>Oregon</b>						
July 2002 .....	W	78.7	65.9	69.2	—	—
June 2002 .....	W	NA	66.2	67.9	—	—
July 2001 .....	W	79.7	70.8	69.4	—	—
<b>Washington</b>						
July 2002 .....	W	77.1	71.9	68.7	—	—
June 2002 .....	W	78.3	71.5	67.9	—	—
July 2001 .....	W	84.8	77.5	69.4	—	—

Dash (—) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

<sup>a</sup> Includes sales of No. 2 fuel oil and high- and low-sulfur diesel fuels.

<sup>b</sup> Includes No. 4 fuel oil and No. 4 diesel fuel.

Source: Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

Notes: Values shown for the current month are preliminary. Values shown for previous months are revised. Data are final upon publication in the *Petroleum Marketing Annual*.

Notes: PAD District and U.S. averages represent data for all States. In certain PAD Districts, however, prices are not shown for every State.

**Table 38. Propane (Consumer Grade) Prices by Sales Type and PAD District**  
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Sales to End Users							Sales for Resale
	Residential Consumers	Commercial/ Institutional Consumers	Industrial Consumers	Through Retail Outlets	Petro- Chemical	Other End Users	Average	
<b>United States</b>								
July 2002 .....	101.5	99.7	88.6	101.2	36.8	82.6	87.5	38.4
June 2002 .....	109.1	102.4	90.2	102.1	36.7	89.2	87.9	38.8
July 2001 .....	109.9	103.3	95.6	114.9	43.8	88.8	89.2	44.5
<b>PAD District I</b>								
July 2002 .....	129.6	102.1	89.7	W	—	84.8	110.4	43.6
June 2002 .....	132.6	103.7	92.6	99.5	—	88.8	115.8	44.2
July 2001 .....	138.9	101.9	89.1	111.2	—	89.0	114.3	47.2
<b>Subdistrict IA</b>								
July 2002 .....	139.9	101.7	97.6	W	—	NA	123.7	51.7
June 2002 .....	140.0	101.8	95.2	W	—	128.4	125.6	51.4
July 2001 .....	146.7	101.0	95.4	98.3	—	113.2	126.8	52.6
<b>Subdistrict IB</b>								
July 2002 .....	134.8	107.7	92.8	W	—	109.4	120.7	41.5
June 2002 .....	136.7	109.2	95.7	W	—	103.8	123.7	42.2
July 2001 .....	149.3	107.6	87.0	W	—	106.4	125.3	45.8
<b>Subdistrict IC</b>								
July 2002 .....	118.1	98.9	86.9	W	—	79.8	99.3	43.5
June 2002 .....	121.3	101.2	90.5	100.4	—	82.3	104.4	44.2
July 2001 .....	125.9	98.3	89.5	113.0	—	85.5	103.7	47.3
<b>PAD District II</b>								
July 2002 .....	83.9	NA	88.8	101.4	—	74.3	83.7	38.1
June 2002 .....	89.8	86.3	89.4	104.3	W	NA	86.9	38.0
July 2001 .....	93.5	97.3	101.4	W	—	83.9	94.1	46.5
<b>PAD District III</b>								
July 2002 .....	104.6	104.2	85.5	107.6	36.8	94.0	58.6	37.2
June 2002 .....	107.3	104.8	87.2	105.7	37.0	92.9	54.8	38.0
July 2001 .....	116.7	100.8	99.4	111.9	43.8	102.3	58.7	42.8
<b>PAD District IV</b>								
July 2002 .....	80.2	89.1	76.5	101.5	—	83.0	83.3	34.7
June 2002 .....	84.8	90.7	78.0	97.2	—	86.1	86.3	35.2
July 2001 .....	91.0	111.2	86.6	112.4	—	101.3	95.0	44.3
<b>PAD District V</b>								
July 2002 .....	113.2	116.5	90.8	99.0	—	114.3	110.3	40.2
June 2002 .....	112.3	117.1	92.9	98.8	—	120.6	110.5	40.8
July 2001 .....	120.9	115.8	94.8	118.7	—	90.7	113.3	47.4

Dash (—) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: Values shown for the current month are preliminary. Values shown for previous months are revised. Data are final upon publication in the *Petroleum Marketing Annual*.

Sources: Energy Information Administration Forms EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report," and EIA-782B, "Resellers'/Retailers' Monthly Petroleum Product Sales Report."

**Table 39. No. 2 Distillate<sup>a</sup> Prices by Sales Type, PAD District, and Selected States<sup>b</sup>**  
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Sales to End Users						Sales for Resale
	Residential Consumers	Commercial/ Institutional Consumers	Industrial Consumers	Through Retail Outlets <sup>c</sup>	Other End Users <sup>d</sup>	Average	
<b>United States</b>							
July 2002 .....	102.9	78.0	81.3	84.6	84.4	83.0	71.4
June 2002 .....	104.9	75.7	79.7	82.7	84.0	81.5	68.6
July 2001 .....	113.6	82.9	87.3	90.5	94.6	89.0	75.6
<b>PAD District I</b>							
July 2002 .....	105.3	79.3	81.6	85.5	80.9	84.9	70.6
June 2002 .....	107.7	77.2	79.6	83.9	80.1	84.0	67.6
July 2001 .....	114.2	83.5	85.2	91.5	90.8	90.2	74.1
<b>Subdistrict IA</b>							
July 2002 .....	108.6	85.6	80.8	96.2	85.8	95.3	72.6
June 2002 .....	109.8	84.1	78.2	94.6	84.7	95.7	69.6
July 2001 .....	115.5	87.3	85.3	101.7	NA	100.3	74.7
<b>Connecticut</b>							
July 2002 .....	107.1	89.4	79.6	94.1	78.1	95.7	72.9
June 2002 .....	110.5	87.8	77.0	93.1	74.5	96.8	69.7
July 2001 .....	113.6	90.5	82.2	102.8	87.0	101.9	73.4
<b>Maine</b>							
July 2002 .....	109.8	86.2	86.6	91.0	NA	93.5	73.8
June 2002 .....	110.9	83.2	84.7	90.9	88.3	93.5	69.8
July 2001 .....	117.8	86.0	NA	98.7	NA	98.1	75.4
<b>Massachusetts</b>							
July 2002 .....	111.7	83.4	NA	105.9	NA	97.8	71.6
June 2002 .....	110.6	81.9	NA	NA	NA	97.3	69.2
July 2001 .....	113.7	86.4	85.5	104.7	NA	99.7	75.6
<b>New Hampshire</b>							
July 2002 .....	101.3	80.6	87.3	90.4	83.3	90.4	73.2
June 2002 .....	104.7	80.1	86.8	89.8	82.7	92.5	70.4
July 2001 .....	121.2	84.9	NA	99.9	80.2	100.4	74.6
<b>Rhode Island</b>							
July 2002 .....	105.4	81.2	81.1	92.7	76.8	93.2	71.7
June 2002 .....	105.7	79.2	79.1	90.6	74.6	93.1	68.2
July 2001 .....	117.2	84.4	88.2	105.7	NA	101.8	73.7
<b>Vermont</b>							
July 2002 .....	111.5	89.9	88.1	94.6	95.9	96.6	74.4
June 2002 .....	114.3	90.7	86.7	92.9	95.4	98.0	72.4
July 2001 .....	122.2	92.4	94.5	102.7	94.7	103.0	77.1
<b>Subdistrict IB</b>							
July 2002 .....	108.1	80.6	80.1	86.1	78.2	86.2	70.0
June 2002 .....	111.4	78.4	77.7	85.3	79.0	86.0	66.9
July 2001 .....	115.0	82.4	83.5	93.2	91.8	90.5	74.0
<b>Delaware</b>							
July 2002 .....	98.5	80.5	79.1	87.4	79.7	83.9	71.2
June 2002 .....	100.5	77.7	76.8	88.1	77.3	82.3	67.8
July 2001 .....	102.0	NA	86.4	98.9	82.9	90.2	73.6
<b>District of Columbia</b>							
July 2002 .....	W	73.7	W	W	W	79.8	76.1
June 2002 .....	111.5	70.0	W	W	W	74.9	73.3
July 2001 .....	W	75.1	W	W	W	79.9	NA
<b>Maryland</b>							
July 2002 .....	109.4	79.3	74.2	84.9	74.0	82.0	70.8
June 2002 .....	111.5	76.5	70.9	84.3	70.5	80.5	67.4
July 2001 .....	116.9	81.9	81.1	93.1	90.6	87.8	74.2
<b>New Jersey</b>							
July 2002 .....	113.5	84.7	77.2	85.0	82.6	86.9	68.4
June 2002 .....	116.5	81.4	75.5	84.8	82.5	85.8	65.2
July 2001 .....	123.3	82.9	80.2	90.0	91.0	88.6	73.7
<b>New York</b>							
July 2002 .....	114.1	82.4	86.6	88.8	79.8	90.9	71.3
June 2002 .....	115.9	79.8	83.2	88.4	84.9	91.0	68.5
July 2001 .....	126.9	82.7	85.6	100.2	94.5	95.0	75.7

See footnotes at end of table.

**Table 39. No. 2 Distillate<sup>a</sup> Prices by Sales Type, PAD District, and Selected States<sup>b</sup>**  
(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Month	Sales to End Users						Sales for Resale
	Residential Consumers	Commercial/ Institutional Consumers	Industrial Consumers	Through Retail Outlets <sup>c</sup>	Other End Users <sup>d</sup>	Average	
<b>Pennsylvania</b>							
July 2002 .....	97.9	76.9	79.8	86.2	78.3	83.3	70.8
June 2002 .....	102.9	75.6	78.2	84.7	79.0	83.4	68.0
July 2001 .....	101.9	82.3	87.5	92.2	NA	89.3	73.6
<b>Subdistrict IC</b>							
July 2002 .....	92.0	76.3	82.6	83.5	81.8	81.3	70.6
June 2002 .....	92.0	73.9	80.7	81.6	80.3	79.4	67.5
July 2001 .....	106.5	83.8	85.9	89.1	89.9	87.4	74.0
<b>Virginia</b>							
July 2002 .....	97.3	75.2	80.2	80.6	84.2	81.2	70.5
June 2002 .....	96.4	74.5	78.7	78.6	83.0	79.9	67.1
July 2001 .....	106.6	81.5	88.7	85.8	94.8	86.8	74.0
<b>West Virginia</b>							
July 2002 .....	101.7	77.2	83.5	87.2	78.9	82.4	73.5
June 2002 .....	101.6	74.5	80.9	NA	NA	81.2	70.2
July 2001 .....	104.5	82.1	85.8	98.4	NA	89.6	76.4
<b>PAD District II</b>							
July 2002 .....	93.1	77.3	85.9	84.0	88.0	83.2	73.3
June 2002 .....	92.3	74.0	82.3	81.2	88.2	81.0	69.5
July 2001 .....	108.4	81.7	92.2	88.1	98.9	88.8	78.0
<b>Illinois</b>							
July 2002 .....	96.7	78.6	85.4	87.4	NA	85.3	72.0
June 2002 .....	NA	74.7	82.5	84.9	89.0	82.1	68.6
July 2001 .....	100.3	81.2	89.9	94.8	NA	90.4	75.6
<b>Indiana</b>							
July 2002 .....	W	79.1	NA	82.8	NA	83.7	73.4
June 2002 .....	W	76.6	83.6	78.9	94.5	84.8	69.9
July 2001 .....	102.9	82.1	81.2	83.0	95.8	83.5	76.3
<b>Michigan</b>							
July 2002 .....	107.4	83.6	90.0	87.0	92.4	86.9	74.6
June 2002 .....	107.1	79.5	87.9	85.4	88.8	83.8	71.7
July 2001 .....	NA	86.1	NA	91.0	95.0	94.2	78.6
<b>Minnesota</b>							
July 2002 .....	101.8	NA	80.1	87.2	95.1	85.2	74.5
June 2002 .....	101.8	NA	76.8	85.8	93.0	83.1	70.0
July 2001 .....	106.4	88.2	93.4	97.9	NA	96.4	81.5
<b>Ohio</b>							
July 2002 .....	95.8	77.2	NA	83.6	81.9	82.3	72.5
June 2002 .....	97.4	75.1	NA	81.9	80.8	80.6	69.5
July 2001 .....	104.7	83.3	NA	86.4	NA	87.6	78.2
<b>Wisconsin</b>							
July 2002 .....	103.7	82.9	84.6	86.5	88.0	86.5	74.5
June 2002 .....	101.7	79.9	81.7	84.3	85.8	84.2	70.3
July 2001 .....	110.5	91.2	96.7	93.6	100.2	95.0	79.3
<b>PAD District III</b>							
July 2002 .....	W	73.4	75.2	81.2	82.1	77.6	68.8
June 2002 .....	W	70.3	73.9	79.7	81.3	76.1	65.8
July 2001 .....	W	79.2	85.9	88.3	88.2	84.2	72.9
<b>PAD District IV</b>							
July 2002 .....	87.7	75.7	78.9	86.7	82.5	81.6	75.2
June 2002 .....	86.5	74.6	78.6	85.8	NA	80.6	73.8
July 2001 .....	105.3	83.8	85.0	95.6	96.1	90.4	80.6
<b>Idaho</b>							
July 2002 .....	77.3	75.1	80.2	NA	86.0	84.2	74.4
June 2002 .....	79.1	75.5	80.6	87.9	86.9	84.3	74.7
July 2001 .....	100.9	84.1	84.9	96.9	99.4	94.8	79.8

See footnotes at end of table.

**Table 39. No. 2 Distillate<sup>a</sup> Prices by Sales Type, PAD District, and Selected States<sup>b</sup>**  
(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Month	Sales to End Users						Sales for Resale
	Residential Consumers	Commercial/ Institutional Consumers	Industrial Consumers	Through Retail Outlets <sup>c</sup>	Other End Users <sup>d</sup>	Average	
<b>PAD District V</b>							
July 2002 .....	105.7	82.3	85.1	89.3	84.8	85.2	73.4
June 2002 .....	109.8	81.5	85.0	88.8	84.8	84.8	73.0
July 2001 .....	125.8	87.3	86.3	99.6	94.1	92.2	78.0
<b>Alaska</b>							
July 2002 .....	102.6	99.0	NA	NA	98.2	99.5	73.1
June 2002 .....	105.8	99.2	97.4	NA	94.3	99.9	74.9
July 2001 .....	131.8	113.1	NA	W	NA	116.3	81.3
<b>Oregon</b>							
July 2002 .....	98.6	76.5	79.9	84.2	80.5	79.9	69.8
June 2002 .....	104.3	76.1	80.0	82.8	80.4	79.6	68.5
July 2001 .....	115.4	81.9	86.3	102.2	NA	86.7	70.5
<b>Washington</b>							
July 2002 .....	117.9	76.5	81.9	91.8	83.9	82.4	70.0
June 2002 .....	122.2	74.6	81.4	92.5	84.0	81.7	68.6
July 2001 .....	122.7	78.7	84.0	96.4	91.3	84.4	70.9

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

<sup>a</sup> Includes sales of No. 2 fuel oil and high- and low-sulfur diesel fuels.

<sup>b</sup> Some State data are not sufficient for publication individually, but are used in calculating the PAD District average.

<sup>c</sup> Includes low-sulfur diesel fuel only with the exception of Alaska, which currently is exempt from the Clean Air Act's diesel fuel sulfur content requirement.

<sup>d</sup> All end-user sales not included in the other end-user categories shown, e.g., sales to agricultural customers or utilities.

Sources: Energy Information Administration Forms EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report," and EIA-782B, "Resellers'/Retailers' Monthly Petroleum Product Sales Report."

Notes: Values shown for the current month are preliminary. Values shown for previous months are revised. Data are final upon publication in the *Petroleum Marketing Annual*.

**Table 40. No. 2 Diesel Fuel Prices by Sales Type, PAD District, and Selected States**  
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Sales to End Users					Sales for Resale
	Commercial/ Institutional Consumers	Industrial Consumers	Through Retail Outlets <sup>a</sup>	Other End Users <sup>b</sup>	Average	
<b>United States</b>						
July 2002 .....	78.3	81.3	84.6	84.8	82.2	71.8
June 2002 .....	76.0	79.8	82.7	84.2	80.6	69.0
July 2001 .....	83.2	87.5	90.5	94.6	88.4	76.2
<b>PAD District I</b>						
July 2002 .....	79.5	81.6	85.5	82.0	82.4	71.2
June 2002 .....	77.0	79.8	83.9	80.6	80.6	68.3
July 2001 .....	84.5	85.0	91.5	90.6	87.9	74.6
<b>Subdistrict IA</b>						
July 2002 .....	85.1	79.7	96.2	88.0	89.5	73.8
June 2002 .....	83.3	77.2	94.6	86.7	87.7	71.6
July 2001 .....	87.2	85.2	101.7	92.8	93.2	76.5
<b>Connecticut</b>						
July 2002 .....	89.4	79.2	94.1	74.5	89.1	74.1
June 2002 .....	87.7	76.7	93.1	72.0	87.7	71.2
July 2001 .....	89.8	82.0	102.8	87.0	93.4	74.8
<b>Maine</b>						
July 2002 .....	82.8	83.3	91.0	93.1	87.2	75.7
June 2002 .....	80.8	81.6	90.9	92.2	86.2	72.2
July 2001 .....	84.9	91.9	98.7	NA	94.0	77.9
<b>Massachusetts</b>						
July 2002 .....	83.8	NA	105.9	NA	92.6	72.7
June 2002 .....	81.0	NA	NA	NA	89.5	72.3
July 2001 .....	86.9	85.3	104.7	NA	92.5	77.3
<b>New Hampshire</b>						
July 2002 .....	79.4	92.2	90.4	89.8	85.9	73.7
June 2002 .....	77.4	89.7	89.8	87.9	84.7	71.2
July 2001 .....	85.0	NA	99.9	88.8	95.5	76.3
<b>Rhode Island</b>						
July 2002 .....	79.7	79.5	92.7	76.8	83.1	71.9
June 2002 .....	78.1	78.5	90.6	74.6	82.0	69.0
July 2001 .....	83.2	87.7	105.7	NA	87.2	75.6
<b>Vermont</b>						
July 2002 .....	89.8	87.7	94.6	95.3	92.5	75.7
June 2002 .....	89.2	86.3	92.9	94.9	91.3	73.3
July 2001 .....	92.1	96.2	102.7	95.3	95.3	79.3
<b>Subdistrict IB</b>						
July 2002 .....	80.3	78.9	86.1	80.7	82.3	71.1
June 2002 .....	77.7	76.6	85.3	78.8	80.5	68.1
July 2001 .....	84.2	82.6	93.2	92.5	87.9	74.5
<b>Delaware</b>						
July 2002 .....	82.5	78.8	87.4	79.5	82.8	71.4
June 2002 .....	79.5	76.8	88.1	77.0	81.0	68.0
July 2001 .....	NA	86.9	98.9	82.8	88.2	73.8
<b>District of Columbia</b>						
July 2002 .....	73.7	W	W	W	78.5	76.1
June 2002 .....	NA	W	W	W	74.6	73.3
July 2001 .....	79.6	W	W	W	85.0	86.3
<b>Maryland</b>						
July 2002 .....	79.4	73.9	84.9	75.8	80.5	71.2
June 2002 .....	76.6	70.6	84.3	70.9	78.0	68.2
July 2001 .....	85.0	79.9	93.1	91.5	87.5	74.9
<b>New Jersey</b>						
July 2002 .....	83.7	75.7	85.0	83.0	83.7	69.5
June 2002 .....	80.2	74.3	84.8	83.3	82.2	66.6
July 2001 .....	84.2	80.7	90.0	94.7	85.9	73.9
<b>New York</b>						
July 2002 .....	81.4	85.5	88.8	86.3	83.6	73.3
June 2002 .....	78.5	82.5	88.4	84.6	81.1	70.1
July 2001 .....	83.9	87.4	100.2	94.4	89.1	77.5

See footnotes at end of table.

**Table 40. No. 2 Diesel Fuel Prices by Sales Type, PAD District, and Selected States**  
(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Month	Sales to End Users					Sales for Resale
	Commercial/ Institutional Consumers	Industrial Consumers	Through Retail Outlets <sup>a</sup>	Other End Users <sup>b</sup>	Average	
<b>Pennsylvania</b>						
July 2002 .....	77.4	79.0	86.2	78.8	81.2	71.8
June 2002 .....	75.8	77.2	84.7	78.3	80.0	68.8
July 2001 .....	84.3	82.7	92.2	NA	88.4	74.1
<b>Subdistrict IC</b>						
July 2002 .....	77.5	83.2	83.5	82.1	81.4	70.8
June 2002 .....	74.6	81.5	81.6	80.9	79.5	67.8
July 2001 .....	84.2	86.0	89.1	90.0	87.1	74.3
<b>Virginia</b>						
July 2002 .....	76.3	80.6	80.6	84.0	79.7	70.8
June 2002 .....	72.7	78.5	78.6	82.8	77.5	67.6
July 2001 .....	82.2	90.4	85.8	95.1	85.4	74.5
<b>West Virginia</b>						
July 2002 .....	81.6	84.1	87.2	85.2	84.6	73.4
June 2002 .....	79.5	81.8	NA	83.0	83.3	69.7
July 2001 .....	87.1	86.3	98.4	97.4	91.5	76.0
<b>PAD District II</b>						
July 2002 .....	77.5	86.2	84.0	88.3	83.2	73.5
June 2002 .....	74.3	82.5	81.2	88.4	80.9	69.7
July 2001 .....	82.0	93.2	88.1	99.0	88.9	78.3
<b>Illinois</b>						
July 2002 .....	78.8	86.3	87.4	NA	85.5	72.3
June 2002 .....	74.8	83.0	84.9	89.0	82.4	68.8
July 2001 .....	81.0	91.7	94.8	NA	91.0	76.0
<b>Indiana</b>						
July 2002 .....	79.2	NA	82.8	W	83.2	73.6
June 2002 .....	76.9	83.9	78.9	95.7	84.4	70.2
July 2001 .....	82.2	82.8	83.0	95.8	83.4	76.4
<b>Michigan</b>						
July 2002 .....	83.0	87.8	87.0	91.9	86.1	75.0
June 2002 .....	79.1	86.1	85.4	88.4	83.0	72.0
July 2001 .....	85.9	NA	91.0	94.9	93.9	79.0
<b>Minnesota</b>						
July 2002 .....	NA	77.4	87.2	94.6	84.4	74.6
June 2002 .....	NA	75.0	85.8	92.7	82.3	70.1
July 2001 .....	92.4	93.4	97.9	NA	97.7	81.8
<b>Ohio</b>						
July 2002 .....	78.2	NA	83.6	84.2	82.9	72.9
June 2002 .....	76.2	NA	81.9	83.1	81.3	69.7
July 2001 .....	83.8	NA	86.4	95.1	87.8	78.7
<b>Wisconsin</b>						
July 2002 .....	81.6	84.8	86.5	87.9	85.4	74.5
June 2002 .....	79.0	81.8	84.3	85.6	83.1	70.5
July 2001 .....	91.2	96.9	93.6	99.9	94.3	79.7
<b>PAD District III</b>						
July 2002 .....	74.3	75.3	81.2	82.1	78.1	69.0
June 2002 .....	71.4	74.1	79.7	81.3	76.7	66.1
July 2001 .....	79.3	86.3	88.3	88.2	84.3	73.4
<b>PAD District IV</b>						
July 2002 .....	75.7	78.8	86.7	82.5	81.6	75.2
June 2002 .....	74.6	78.5	85.8	NA	80.6	73.8
July 2001 .....	84.5	85.1	95.6	96.1	90.7	80.6
<b>Idaho</b>						
July 2002 .....	75.0	79.5	NA	85.7	84.1	74.4
June 2002 .....	75.3	80.0	87.9	86.7	84.2	74.7
July 2001 .....	84.1	84.9	96.9	99.4	94.8	79.8

See footnotes at end of table.

**Table 40. No. 2 Diesel Fuel Prices by Sales Type, PAD District, and Selected States**  
(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Month	Sales to End Users					Sales for Resale
	Commercial/ Institutional Consumers	Industrial Consumers	Through Retail Outlets <sup>a</sup>	Other End Users <sup>b</sup>	Average	
<b>PAD District V</b>						
July 2002 .....	82.2	85.2	89.3	84.6	85.0	73.4
June 2002 .....	81.4	85.0	88.8	84.5	84.5	73.0
July 2001 .....	86.7	86.2	99.6	94.0	91.7	78.0
<b>Alaska</b>						
July 2002 .....	100.5	100.4	NA	99.4	101.0	72.5
June 2002 .....	100.9	W	NA	95.0	100.6	74.2
July 2001 .....	111.6	111.3	W	NA	113.2	82.0
<b>Oregon</b>						
July 2002 .....	76.4	79.9	84.2	80.5	79.7	69.8
June 2002 .....	76.0	80.0	82.8	80.4	79.2	68.4
July 2001 .....	81.6	86.2	102.2	NA	86.3	70.4
<b>Washington</b>						
July 2002 .....	76.4	81.9	91.8	83.8	81.9	70.0
June 2002 .....	74.6	81.4	92.5	83.9	80.8	68.6
July 2001 .....	78.6	84.0	96.4	91.2	83.9	70.9

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

<sup>a</sup> Includes low-sulfur diesel fuel only with the exception of Alaska, which currently is exempt from the Clean Air Act's diesel fuel sulfur content requirement.

<sup>b</sup> All end-user sales not included in the other end-user categories shown, e.g., sales to agricultural customers or utilities.

Sources: Energy Information Administration Forms EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report," and EIA-782B, "Resellers'/Retailers' Monthly Petroleum Product Sales Report."

Notes: Values shown for the current month are preliminary. Values shown for previous months are revised. Data are final upon publication in the *Petroleum Marketing Annual*.

**Table 41. No. 2 Diesel Fuel Prices by Sulfur Content, Sales Type, and PAD District**  
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Low-Sulfur Diesel Fuel						High-Sulfur Diesel Fuel				
	Sales to End Users					Sales for Resale	Sales to End Users				Sales for Resale
	Commercial/ Institutional Consumers	Industrial Consumers	Through Retail Outlets <sup>a</sup>	Other End Users <sup>b</sup>	Average		Commercial/ Institutional Consumers	Industrial Consumers	Other End Users <sup>b</sup>	Average	
<b>United States</b>											
July 2002 .....	79.4	80.2	84.6	83.7	82.7	72.0	76.3	83.1	86.9	80.6	70.1
June 2002 .....	77.3	78.9	82.7	81.4	80.8	69.2	73.4	81.0	88.2	79.8	67.6
July 2001 .....	83.9	86.5	90.5	94.3	88.8	76.5	82.0	89.2	95.1	86.9	73.9
<b>PAD District I</b>											
July 2002 .....	78.4	79.1	85.5	78.5	81.9	71.4	82.9	84.9	87.6	84.7	69.7
June 2002 .....	75.9	77.1	83.9	76.7	79.9	68.4	80.6	83.2	86.9	83.1	67.0
July 2001 .....	82.4	82.5	91.5	89.6	87.3	74.8	90.0	89.1	91.5	90.3	73.1
<b>Subdistrict IA</b>											
July 2002 .....	84.0	77.8	96.2	86.7	88.9	73.6	92.3	95.0	96.7	95.4	82.9
June 2002 .....	82.3	75.4	94.6	85.4	87.2	71.5	90.6	94.9	NA	93.1	NA
July 2001 .....	87.8	84.5	101.7	91.5	93.9	76.6	84.8	96.0	109.6	86.7	NA
<b>Subdistrict IB</b>											
July 2002 .....	79.3	76.3	86.1	77.7	81.9	71.3	83.5	82.9	85.1	83.7	67.9
June 2002 .....	76.5	73.7	85.3	76.9	80.2	68.4	81.7	81.5	81.3	81.6	W
July 2001 .....	84.0	81.3	93.2	91.9	88.0	74.8	85.5	87.5	93.0	87.5	NA
<b>Subdistrict IC</b>											
July 2002 .....	75.9	81.0	83.5	78.3	80.5	70.9	81.4	85.4	88.3	84.5	70.0
June 2002 .....	73.3	79.2	81.6	76.0	78.5	67.8	78.4	83.5	88.6	83.3	67.5
July 2001 .....	79.3	82.8	89.1	88.8	85.7	74.4	92.0	89.2	91.0	91.2	73.6
<b>PAD District II</b>											
July 2002 .....	78.9	83.0	84.0	87.1	83.4	73.6	75.4	NA	NA	82.3	72.6
June 2002 .....	76.3	80.5	81.2	84.1	80.6	69.7	71.3	85.5	94.5	81.9	69.1
July 2001 .....	83.0	92.2	88.1	99.0	88.8	78.4	80.2	94.3	99.0	89.4	77.9
<b>PAD District III</b>											
July 2002 .....	76.3	73.5	81.2	80.3	79.2	69.2	72.7	NA	84.6	76.0	68.1
June 2002 .....	73.1	72.3	79.7	78.1	77.5	66.1	70.0	NA	84.0	75.4	65.6
July 2001 .....	82.1	86.3	88.3	88.0	86.2	73.8	76.8	86.3	88.5	80.9	71.7
<b>PAD District IV</b>											
July 2002 .....	77.4	78.7	86.7	81.9	82.4	75.4	72.9	79.4	83.8	77.9	73.7
June 2002 .....	76.2	77.9	85.8	NA	81.3	73.9	72.0	NA	NA	77.9	72.7
July 2001 .....	85.9	84.9	95.6	95.8	91.4	80.6	82.1	87.8	97.0	86.7	81.1
<b>PAD District V</b>											
July 2002 .....	83.4	87.0	89.3	86.4	86.3	73.8	78.1	81.2	81.7	79.8	70.7
June 2002 .....	82.7	86.6	88.8	85.9	85.7	73.4	76.8	80.8	82.1	79.2	69.5
July 2001 .....	88.6	86.3	99.6	92.3	93.1	78.6	82.8	86.2	98.2	87.4	73.5

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

<sup>a</sup> Includes low-sulfur diesel fuel only with the exception of Alaska, which currently is exempt from the Clean Air Act's diesel fuel sulfur content requirement.

<sup>b</sup> All end-user sales not included in the other end-user categories shown, e.g., sales to agricultural customers or utilities.

Notes: Some State data are not sufficient for publication individually, but are used in calculating the PAD District average.

Notes: Values shown for the current month are preliminary. Values shown for previous months are revised. Data are final upon publication in the *Petroleum Marketing Annual*.

Sources: Energy Information Administration Forms EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report," and EIA-782B, "Resellers'/Retailers' Monthly Petroleum Product Sales Report."

**Table 42. Residual Fuel Oil Prices by PAD District and State**  
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Sulfur Less Than or Equal to 1 Percent		Sulfur Greater Than 1 Percent		Average	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
<b>United States</b>						
July 2002 .....	61.3	55.2	56.0	51.8	57.5	53.6
June 2002 .....	60.8	53.7	56.1	53.5	57.1	53.6
July 2001 .....	57.6	50.5	48.5	41.9	51.0	46.1
<b>PAD District I</b>						
July 2002 .....	60.3	55.5	55.2	53.2	57.1	54.8
June 2002 .....	59.6	54.0	56.0	55.6	56.9	54.4
July 2001 .....	53.3	49.9	49.2	47.0	50.8	49.3
<b>Subdistrict IA</b>						
July 2002 .....	NA	55.5	55.5	53.6	57.7	54.3
June 2002 .....	61.6	56.4	NA	W	58.2	56.0
July 2001 .....	53.4	46.4	51.2	46.9	52.5	46.7
<b>Connecticut</b>						
July 2002 .....	66.3	NA	W	W	64.9	W
June 2002 .....	66.0	W	W	W	65.0	W
July 2001 .....	W	W	W	W	W	NA
<b>Maine</b>						
July 2002 .....	W	W	NA	53.9	NA	54.5
June 2002 .....	W	W	NA	W	NA	55.4
July 2001 .....	57.3	W	49.0	W	50.5	45.7
<b>Massachusetts</b>						
July 2002 .....	63.3	55.6	58.2	W	60.3	54.7
June 2002 .....	61.0	56.4	NA	W	60.6	56.1
July 2001 .....	63.5	48.4	53.0	W	60.2	48.1
<b>New Hampshire</b>						
July 2002 .....	NA	–	59.8	W	NA	W
June 2002 .....	NA	–	60.1	W	NA	W
July 2001 .....	49.9	–	60.2	W	52.6	W
<b>Rhode Island</b>						
July 2002 .....	NA	W	–	–	NA	W
June 2002 .....	NA	W	–	–	NA	W
July 2001 .....	59.2	W	–	–	59.2	W
<b>Vermont</b>						
July 2002 .....	64.6	–	W	–	63.2	–
June 2002 .....	W	–	W	–	W	–
July 2001 .....	65.1	–	51.8	–	59.2	–
<b>Subdistrict IB</b>						
July 2002 .....	61.8	56.6	54.9	53.5	57.9	56.1
June 2002 .....	62.4	54.1	55.0	56.2	56.9	54.4
July 2001 .....	56.4	50.8	46.0	44.4	50.5	50.1
<b>Delaware</b>						
July 2002 .....	W	W	54.6	W	55.8	57.9
June 2002 .....	W	W	53.7	–	55.5	W
July 2001 .....	NA	W	43.3	–	NA	W
<b>District of Columbia</b>						
July 2002 .....	–	–	–	–	–	–
June 2002 .....	–	–	–	–	–	–
July 2001 .....	–	–	–	–	–	–
<b>Maryland</b>						
July 2002 .....	W	52.6	57.0	–	57.3	52.6
June 2002 .....	W	W	57.9	–	57.5	W
July 2001 .....	W	W	45.9	–	47.0	W
<b>New Jersey</b>						
July 2002 .....	61.1	57.8	53.8	W	57.3	56.6
June 2002 .....	62.8	55.7	56.5	W	57.0	56.7
July 2001 .....	54.9	51.9	47.4	W	50.3	51.7
<b>New York</b>						
July 2002 .....	64.8	55.7	55.4	52.9	59.0	55.4
June 2002 .....	66.6	53.1	53.8	53.6	57.0	53.1
July 2001 .....	NA	50.7	46.1	W	50.6	49.5
<b>Pennsylvania</b>						
July 2002 .....	62.8	57.9	54.7	W	56.2	57.4
June 2002 .....	64.3	W	54.0	56.5	55.7	55.2
July 2001 .....	56.9	W	45.7	W	53.4	52.6

See footnotes at end of table.

**Table 42. Residual Fuel Oil Prices by PAD District and State**  
(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Month	Sulfur Less Than or Equal to 1 Percent		Sulfur Greater Than 1 Percent		Average	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
<b>Subdistrict IC</b>						
July 2002 .....	57.7	53.2	55.4	52.2	56.1	52.9
June 2002 .....	56.8	53.4	56.7	54.4	56.7	53.6
July 2001 .....	50.5	49.1	50.7	49.7	50.6	49.2
<b>Florida</b>						
July 2002 .....	W	53.2	55.2	W	55.2	52.8
June 2002 .....	W	W	56.8	W	56.7	53.6
July 2001 .....	51.9	49.0	50.2	W	50.6	49.2
<b>Georgia</b>						
July 2002 .....	—	—	W	—	W	—
June 2002 .....	—	—	W	W	W	W
July 2001 .....	—	—	W	—	W	—
<b>North Carolina</b>						
July 2002 .....	56.8	W	55.8	W	55.9	54.3
June 2002 .....	58.0	W	56.5	—	56.8	W
July 2001 .....	46.0	W	51.1	W	50.4	W
<b>South Carolina</b>						
July 2002 .....	W	—	W	—	W	—
June 2002 .....	W	—	56.8	—	56.8	—
July 2001 .....	W	—	W	—	W	—
<b>Virginia</b>						
July 2002 .....	58.9	W	56.8	W	58.4	W
June 2002 .....	W	W	56.3	W	56.9	W
July 2001 .....	48.4	W	45.2	W	47.6	W
<b>West Virginia</b>						
July 2002 .....	W	—	—	—	W	—
June 2002 .....	W	—	—	—	W	—
July 2001 .....	W	—	—	—	W	—
<b>PAD District II</b>						
July 2002 .....	47.5	44.1	50.1	41.6	49.2	41.9
June 2002 .....	47.2	46.6	50.8	42.8	49.7	43.4
July 2001 .....	45.7	54.3	53.9	48.1	50.7	50.1
<b>Illinois</b>						
July 2002 .....	W	W	NA	—	W	W
June 2002 .....	W	W	W	—	52.9	W
July 2001 .....	W	W	W	—	W	W
<b>Indiana</b>						
July 2002 .....	W	W	W	W	NA	W
June 2002 .....	W	W	W	W	56.5	W
July 2001 .....	W	W	W	W	60.7	52.2
<b>Iowa</b>						
July 2002 .....	W	—	—	—	W	—
June 2002 .....	W	—	—	—	W	—
July 2001 .....	W	—	—	—	W	—
<b>Kansas</b>						
July 2002 .....	W	—	NA	—	NA	—
June 2002 .....	W	—	51.0	—	47.9	—
July 2001 .....	48.2	—	49.6	W	49.0	W
<b>Kentucky</b>						
July 2002 .....	W	—	—	—	W	—
June 2002 .....	W	—	—	—	W	—
July 2001 .....	W	—	—	—	W	—
<b>Michigan</b>						
July 2002 .....	NA	—	48.5	W	47.7	W
June 2002 .....	NA	—	49.2	W	48.3	W
July 2001 .....	W	—	56.4	W	56.0	W
<b>Minnesota</b>						
July 2002 .....	—	NA	—	W	—	W
June 2002 .....	W	NA	—	W	W	W
July 2001 .....	W	—	W	44.0	W	44.0
<b>Missouri</b>						
July 2002 .....	W	—	—	—	W	—
June 2002 .....	W	W	—	—	W	W
July 2001 .....	W	W	—	—	W	W

See footnotes at end of table.

**Table 42. Residual Fuel Oil Prices by PAD District and State**  
(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Month	Sulfur Less Than or Equal to 1 Percent		Sulfur Greater Than 1 Percent		Average	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
<b>Nebraska</b>						
July 2002 .....	W	—	—	—	W	—
June 2002 .....	W	—	—	—	W	—
July 2001 .....	W	—	W	—	W	—
<b>North Dakota</b>						
July 2002 .....	—	—	W	NA	W	NA
June 2002 .....	—	—	W	W	W	W
July 2001 .....	—	—	W	W	W	W
<b>Ohio</b>						
July 2002 .....	W	—	53.3	W	53.3	W
June 2002 .....	NA	—	53.6	W	53.9	W
July 2001 .....	62.2	W	49.5	W	52.9	45.8
<b>Oklahoma</b>						
July 2002 .....	—	—	W	W	W	W
June 2002 .....	—	—	W	W	W	W
July 2001 .....	—	—	W	W	W	W
<b>South Dakota</b>						
July 2002 .....	W	—	—	—	W	—
June 2002 .....	W	—	—	—	W	—
July 2001 .....	W	—	—	W	W	W
<b>Tennessee</b>						
July 2002 .....	W	—	W	W	W	W
June 2002 .....	W	—	W	W	W	W
July 2001 .....	W	—	W	W	W	W
<b>Wisconsin</b>						
July 2002 .....	W	—	—	W	W	W
June 2002 .....	W	—	—	W	W	W
July 2001 .....	W	—	—	W	W	W
<b>PAD District III</b>						
July 2002 .....	W	NA	54.6	52.0	54.5	51.7
June 2002 .....	W	50.9	54.3	52.8	54.2	52.6
July 2001 .....	W	52.1	45.1	39.5	45.3	41.6
<b>Alabama</b>						
July 2002 .....	—	—	W	W	W	W
June 2002 .....	—	W	W	W	W	W
July 2001 .....	—	W	NA	NA	NA	W
<b>Arkansas</b>						
July 2002 .....	—	—	—	—	—	—
June 2002 .....	W	—	—	—	W	—
July 2001 .....	W	—	W	—	W	—
<b>Louisiana</b>						
July 2002 .....	W	NA	55.7	NA	55.7	NA
June 2002 .....	W	W	54.9	54.5	54.8	54.4
July 2001 .....	W	53.4	45.8	NA	45.8	42.6
<b>Mississippi</b>						
July 2002 .....	—	—	W	—	W	—
June 2002 .....	—	—	W	—	W	—
July 2001 .....	—	W	W	W	W	37.9
<b>New Mexico</b>						
July 2002 .....	W	W	—	—	W	W
June 2002 .....	W	W	—	—	W	W
July 2001 .....	W	W	—	—	W	W
<b>Texas</b>						
July 2002 .....	W	45.0	54.0	52.9	53.8	52.3
June 2002 .....	W	45.8	53.9	52.1	53.9	51.9
July 2001 .....	W	50.6	42.3	40.7	42.3	40.9
<b>PAD District IV</b>						
July 2002 .....	W	W	NA	NA	NA	NA
June 2002 .....	W	W	39.9	NA	39.9	31.9
July 2001 .....	W	46.2	39.2	W	39.8	40.8
<b>Colorado</b>						
July 2002 .....	—	—	—	—	—	—
June 2002 .....	—	—	—	—	—	—
July 2001 .....	—	W	—	—	—	W

See footnotes at end of table.

**Table 42. Residual Fuel Oil Prices by PAD District and State**  
(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Month	Sulfur Less Than or Equal to 1 Percent		Sulfur Greater Than 1 Percent		Average	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
<b>Idaho</b>						
July 2002 .....	-	-	-	-	-	-
June 2002 .....	-	-	-	-	-	-
July 2001 .....	-	-	-	-	-	-
<b>Montana</b>						
July 2002 .....	-	-	W	NA	W	NA
June 2002 .....	-	-	W	W	W	W
July 2001 .....	-	-	W	W	W	W
<b>Utah</b>						
July 2002 .....	W	-	NA	NA	W	NA
June 2002 .....	-	-	NA	NA	NA	NA
July 2001 .....	NA	W	-	-	NA	W
<b>Wyoming</b>						
July 2002 .....	W	W	W	W	W	W
June 2002 .....	W	W	W	W	W	W
July 2001 .....	W	W	W	W	36.8	W
<b>PAD District V</b>						
July 2002 .....	67.0	56.0	60.0	56.8	62.1	56.3
June 2002 .....	66.1	54.4	59.2	59.9	60.8	57.1
July 2001 .....	W	51.4	50.7	50.8	57.5	51.2
<b>Alaska</b>						
July 2002 .....	-	-	NA	-	NA	-
June 2002 .....	-	-	NA	-	NA	-
July 2001 .....	-	-	-	-	-	-
<b>Arizona</b>						
July 2002 .....	-	W	-	-	-	W
June 2002 .....	-	W	-	-	-	W
July 2001 .....	-	W	-	W	-	W
<b>California</b>						
July 2002 .....	NA	56.1	W	58.6	60.1	56.5
June 2002 .....	NA	54.5	W	NA	58.9	57.1
July 2001 .....	-	51.4	49.7	52.2	49.7	51.6
<b>Hawaii</b>						
July 2002 .....	W	-	W	W	W	W
June 2002 .....	W	-	W	W	W	W
July 2001 .....	W	-	53.3	W	73.7	W
<b>Nevada</b>						
July 2002 .....	W	-	-	-	W	-
June 2002 .....	-	-	-	-	-	-
July 2001 .....	-	-	-	-	-	-
<b>Oregon</b>						
July 2002 .....	-	W	NA	W	NA	55.5
June 2002 .....	-	W	61.9	NA	61.9	W
July 2001 .....	-	-	60.6	W	60.6	W
<b>Washington</b>						
July 2002 .....	-	W	NA	56.6	NA	56.4
June 2002 .....	-	W	NA	W	NA	57.3
July 2001 .....	-	-	51.4	W	51.4	W

Dash (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: Some State data are not sufficient for publication individually, but are used in calculating the PAD District average.

Notes: Values shown for the current month are preliminary. Values shown for previous months are revised. Data are final upon publication in the *Petroleum Marketing Annual*.

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# **Volumes of Petroleum Products**

**Table 43. Refiner Motor Gasoline Volumes by Grade, Sales Type, PAD District, and State**  
(Thousand Gallons per Day)

Geographic Area Month	Regular						Midgrade					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total <sup>a</sup>	DTW	Rack	Bulk	Total	Through Retail Outlets	Total <sup>a</sup>	DTW	Rack	Bulk	Total
<b>United States</b>												
July 2002	46,955.3	48,094.0	46,435.6	172,013.0	43,477.6	261,926.2	8,429.3	8,572.1	7,454.8	14,290.7	-	21,745.5
June 2002	47,221.9	48,182.4	47,894.2	167,325.1	45,346.4	260,565.7	8,529.7	8,636.6	7,635.5	13,392.5	-	21,028.0
July 2001	45,896.7	47,178.4	45,656.8	169,237.5	39,758.5	254,652.7	8,260.5	8,404.5	7,171.0	13,644.5	-	20,815.5
<b>PAD District I</b>												
July 2002	14,074.8	14,571.8	18,172.4	50,842.0	8,443.3	77,457.7	2,769.5	2,852.3	2,886.1	4,678.1	-	7,564.2
June 2002	14,031.6	14,386.8	18,423.6	49,525.2	8,944.5	76,893.3	2,780.9	2,833.0	2,894.6	4,416.6	-	7,311.2
July 2001	13,853.3	14,305.5	16,837.5	50,779.6	9,070.8	76,687.9	2,685.2	2,747.9	2,823.0	4,952.2	-	7,775.2
<b>Subdistrict IA</b>												
July 2002	1,286.2	1,297.8	3,001.5	W	W	9,899.9	220.5	221.1	W	W	-	719.2
June 2002	1,239.3	1,251.6	W	5,250.3	W	9,473.3	215.8	216.3	W	W	-	670.8
July 2001	1,369.1	1,398.1	3,008.3	5,258.2	1,016.8	9,283.3	200.3	200.7	404.1	356.7	-	760.8
<b>Connecticut</b>												
July 2002	W	W	W	1,744.4	W	3,649.9	W	W	W	W	-	261.5
June 2002	W	W	919.7	W	W	2,841.1	W	W	138.6	122.7	-	261.3
July 2001	W	W	W	1,656.5	W	3,076.1	W	W	W	W	-	270.5
<b>Maine</b>												
July 2002	-	W	W	1,143.1	W	1,248.6	-	-	W	W	-	82.5
June 2002	-	W	W	1,028.7	W	1,225.0	-	-	W	W	-	60.5
July 2001	-	W	W	1,142.1	W	1,282.8	-	-	W	W	-	74.4
<b>Massachusetts</b>												
July 2002	823.5	826.2	1,588.7	W	W	3,246.8	147.3	147.3	181.7	63.1	-	244.8
June 2002	788.4	791.5	1,621.7	W	W	3,681.6	144.2	144.3	W	W	-	235.0
July 2001	903.8	914.0	1,594.2	1,216.0	357.9	3,168.1	119.2	119.2	200.0	68.3	-	268.3
<b>New Hampshire</b>												
July 2002	204.6	204.7	189.5	446.0	-	635.5	20.8	20.8	W	W	-	43.3
June 2002	195.3	195.6	196.3	439.6	-	635.8	19.8	19.8	17.4	20.7	-	38.0
July 2001	180.4	182.5	182.8	W	W	691.5	26.9	26.9	W	W	-	56.8
<b>Rhode Island</b>												
July 2002	W	144.8	237.2	452.8	-	689.9	W	29.8	W	W	-	59.5
June 2002	W	142.9	239.2	458.7	-	697.8	W	30.1	W	W	-	51.0
July 2001	W	136.3	234.6	438.0	-	672.6	W	30.0	W	W	-	63.5
<b>Vermont</b>												
July 2002	-	W	W	W	-	429.2	-	W	W	W	-	27.7
June 2002	-	W	W	W	-	392.0	-	W	W	W	-	25.0
July 2001	-	2.2	W	W	-	392.3	-	W	W	W	-	27.3
<b>Subdistrict IB</b>												
July 2002	5,264.2	5,386.8	11,203.6	W	W	31,847.6	947.0	960.8	W	W	-	2,517.4
June 2002	5,186.8	5,303.5	11,385.2	13,649.8	7,581.4	32,616.4	939.9	952.7	1,657.2	814.2	-	2,471.4
July 2001	5,088.5	5,200.6	9,916.0	14,277.5	7,521.0	31,714.5	906.2	918.3	1,518.0	1,008.8	-	2,526.7
<b>Delaware</b>												
July 2002	41.7	42.5	146.2	665.8	-	812.0	7.9	7.9	W	W	-	78.7
June 2002	36.8	37.9	145.7	667.6	-	813.3	7.6	7.6	W	W	-	74.4
July 2001	35.0	W	119.0	566.6	-	685.5	6.7	6.7	11.5	55.7	-	67.2
<b>District of Columbia</b>												
July 2002	-	W	147.2	-	-	147.2	-	W	50.4	-	-	50.4
June 2002	-	W	154.3	-	-	154.3	-	W	52.1	-	-	52.1
July 2001	-	W	131.7	-	-	131.7	-	W	49.7	-	-	49.7
<b>Maryland</b>												
July 2002	-	W	1,973.1	W	W	4,241.4	-	W	412.6	216.8	-	629.4
June 2002	-	W	1,977.7	W	W	4,229.3	-	W	W	W	-	622.6
July 2001	-	41.4	W	1,965.6	W	3,689.6	-	W	W	W	-	583.5
<b>New Jersey</b>												
July 2002	1,209.1	1,228.3	3,361.1	1,990.8	4,900.8	10,252.6	224.1	225.2	372.5	154.5	-	527.0
June 2002	1,188.5	1,208.0	3,408.1	2,115.9	5,833.1	11,357.1	221.1	221.9	374.5	154.9	-	529.4
July 2001	1,132.8	1,155.3	2,762.3	2,223.5	5,614.4	10,600.2	209.8	210.2	348.1	218.3	-	566.3
<b>New York</b>												
July 2002	1,930.7	1,965.1	W	4,362.1	W	8,224.4	307.6	311.6	W	W	-	744.1
June 2002	1,886.1	1,921.3	3,490.5	W	W	7,761.1	298.8	303.4	581.6	123.3	-	704.9
July 2001	1,926.1	1,956.5	W	4,065.9	W	7,620.1	291.2	293.3	W	W	-	710.0
<b>Pennsylvania</b>												
July 2002	2,082.6	2,111.4	W	4,950.1	W	8,170.1	407.4	408.9	207.6	280.3	-	487.9
June 2002	2,075.4	2,098.8	2,208.9	W	W	8,301.4	412.4	413.6	W	W	-	488.0
July 2001	1,994.5	2,007.4	W	5,455.9	W	8,987.3	398.5	400.5	W	W	-	550.0

See footnotes at end of table.

**Table 43. Refiner Motor Gasoline Volumes by Grade, Sales Type, PAD District, and State**  
(Thousand Gallons per Day) — Continued

Geographic Area Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total <sup>a</sup>	DTW	Rack	Bulk	Total	Through Retail Outlets	Total <sup>a</sup>	DTW	Rack	Bulk	Total
<b>United States</b>												
July 2002 .....	7,497.1	7,735.6	12,267.7	26,914.8	4,155.1	43,337.6	62,881.6	64,401.7	66,158.1	213,218.5	47,632.7	327,009.4
June 2002 .....	7,630.8	7,846.9	12,495.2	25,778.0	4,503.7	42,776.9	63,382.4	64,666.0	68,024.8	206,495.6	49,850.1	324,370.6
July 2001 .....	7,132.4	7,327.4	11,773.2	25,612.0	4,039.5	41,424.7	61,289.6	62,910.2	64,600.9	208,494.0	43,798.0	316,892.9
<b>PAD District I</b>												
July 2002 .....	2,919.9	3,004.0	6,222.1	10,326.8	721.0	17,270.0	19,764.3	20,428.1	27,280.6	65,847.0	9,164.3	102,291.9
June 2002 .....	2,945.1	3,003.8	6,285.0	9,895.9	788.0	16,968.9	19,757.5	20,223.6	27,603.2	63,837.7	9,732.5	101,173.4
July 2001 .....	2,770.1	2,833.3	5,696.0	9,842.3	1,354.9	16,893.2	19,308.7	19,886.7	25,356.5	65,574.1	10,425.7	101,356.2
<b>Subdistrict IA</b>												
July 2002 .....	265.8	265.9	733.5	975.6	32.1	1,741.2	1,772.4	1,784.8	W	6,747.5	W	12,360.3
June 2002 .....	259.7	259.8	734.0	W	W	1,680.6	1,714.8	1,727.8	W	6,435.1	W	11,824.7
July 2001 .....	236.0	236.5	661.7	863.2	329.1	1,854.0	1,805.4	1,835.3	4,074.1	6,478.1	1,345.8	11,898.0
<b>Connecticut</b>												
July 2002 .....	W	W	237.5	W	W	613.5	W	W	W	2,232.7	W	4,524.9
June 2002 .....	W	W	245.3	W	W	613.9	W	W	1,303.6	W	W	3,716.3
July 2001 .....	W	W	219.8	W	W	606.8	W	W	W	2,100.3	W	3,953.4
<b>Maine</b>												
July 2002 .....	-	-	W	W	-	153.6	-	W	W	1,364.9	W	1,484.7
June 2002 .....	-	-	W	W	W	157.8	-	W	W	1,198.3	W	1,443.4
July 2001 .....	-	W	W	W	-	149.2	-	W	W	1,351.3	W	1,506.4
<b>Massachusetts</b>												
July 2002 .....	170.9	170.9	389.7	W	W	652.7	1,141.7	1,144.4	2,160.2	W	W	4,144.3
June 2002 .....	165.5	165.6	W	220.4	W	613.7	1,098.1	1,101.5	2,186.4	W	W	4,530.3
July 2001 .....	164.5	164.5	349.7	211.4	172.4	733.5	1,187.5	1,197.7	2,143.9	1,495.6	530.2	4,169.8
<b>New Hampshire</b>												
July 2002 .....	27.9	27.9	W	W	-	101.5	253.3	253.4	242.5	537.9	-	780.3
June 2002 .....	27.6	27.6	34.9	61.3	-	96.2	242.7	243.1	248.6	521.5	-	770.1
July 2001 .....	13.1	13.1	W	61.0	W	172.6	220.4	222.5	233.1	W	W	920.8
<b>Rhode Island</b>												
July 2002 .....	W	29.0	W	W	-	150.4	W	203.6	319.9	579.9	-	899.8
June 2002 .....	W	28.1	W	W	-	142.9	W	201.1	318.8	573.0	-	891.8
July 2001 .....	W	23.5	W	W	-	132.9	W	189.8	313.1	555.9	-	869.0
<b>Vermont</b>												
July 2002 .....	-	W	W	W	-	69.5	-	W	W	W	-	526.3
June 2002 .....	-	W	W	W	-	56.0	-	W	W	W	-	473.0
July 2001 .....	-	W	W	W	-	59.0	-	2.5	W	W	-	478.6
<b>Subdistrict IB</b>												
July 2002 .....	1,143.2	1,160.7	4,083.2	2,593.8	614.1	7,291.2	7,354.4	7,508.3	W	17,384.6	W	41,656.2
June 2002 .....	1,128.0	1,143.5	4,133.8	2,479.1	667.4	7,280.3	7,254.7	7,399.8	17,176.2	16,943.0	8,248.8	42,368.0
July 2001 .....	1,009.1	1,023.9	3,593.4	2,506.3	816.8	6,916.5	7,003.8	7,142.7	15,027.4	17,792.5	8,337.8	41,157.7
<b>Delaware</b>												
July 2002 .....	8.0	8.0	26.2	116.4	-	142.6	57.7	58.5	W	W	-	1,033.3
June 2002 .....	7.2	7.2	W	W	-	139.1	51.6	52.7	185.9	840.9	-	1,026.8
July 2001 .....	6.6	6.6	21.3	90.2	-	111.5	48.4	W	151.7	712.5	-	864.2
<b>District of Columbia</b>												
July 2002 .....	-	W	88.0	-	-	88.0	-	W	285.5	-	-	285.5
June 2002 .....	-	W	93.2	-	-	93.2	-	W	299.6	-	-	299.6
July 2001 .....	-	W	79.7	-	-	79.7	-	W	261.2	-	-	261.2
<b>Maryland</b>												
July 2002 .....	-	W	583.2	415.5	-	998.7	-	W	2,968.9	W	W	5,869.5
June 2002 .....	-	W	W	W	-	982.2	-	W	2,975.9	W	W	5,834.1
July 2001 .....	-	W	443.2	W	W	885.2	-	54.1	W	2,608.5	W	5,158.3
<b>New Jersey</b>												
July 2002 .....	369.7	372.3	1,199.6	512.5	340.1	2,052.3	1,802.8	1,825.7	4,933.2	2,657.8	5,240.9	12,831.9
June 2002 .....	365.4	368.1	1,213.6	531.3	405.3	2,150.2	1,774.9	1,798.1	4,996.1	2,802.1	6,238.5	14,036.6
July 2001 .....	313.7	317.0	991.5	567.1	504.6	2,063.3	1,656.3	1,682.5	4,101.9	3,008.8	6,119.0	13,229.8
<b>New York</b>												
July 2002 .....	445.6	448.5	W	789.5	W	2,540.9	2,684.0	2,725.2	5,762.5	W	W	11,509.4
June 2002 .....	432.8	435.7	1,748.1	W	W	2,467.5	2,617.7	2,660.4	5,820.2	4,967.8	145.5	10,933.5
July 2001 .....	392.5	395.2	1,657.3	W	W	2,334.0	2,609.8	2,645.0	5,626.8	4,853.8	183.5	10,664.2
<b>Pennsylvania</b>												
July 2002 .....	319.8	323.7	W	759.8	W	1,468.6	2,809.9	2,844.0	2,789.7	5,990.2	1,346.6	10,126.5
June 2002 .....	322.7	325.8	W	729.7	W	1,448.1	2,810.5	2,838.2	2,898.6	W	W	10,237.4
July 2001 .....	296.3	297.4	400.4	W	W	1,442.7	2,689.3	2,705.3	W	6,608.8	W	10,980.0

See footnotes at end of table.

**Table 43. Refiner Motor Gasoline Volumes by Grade, Sales Type, PAD District, and State**  
(Thousand Gallons per Day) — Continued

Geographic Area Month	Regular						Midgrade					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total <sup>a</sup>	DTW	Rack	Bulk	Total	Through Retail Outlets	Total <sup>a</sup>	DTW	Rack	Bulk	Total
<b>Subdistrict IC</b>												
July 2002 .....	7,524.5	7,887.2	3,967.3	31,501.2	241.7	35,710.2	1,602.1	1,670.4	871.3	3,456.3	—	4,327.5
June 2002 .....	7,605.5	7,831.6	W	30,625.2	W	34,803.6	1,625.1	1,663.9	W	W	—	4,169.0
July 2001 .....	7,395.7	7,706.8	3,913.1	31,244.0	533.0	35,690.1	1,578.7	1,629.0	901.0	3,586.7	—	4,487.7
<b>Florida</b>												
July 2002 .....	3,697.7	3,797.9	W	7,900.5	W	10,285.3	820.7	839.5	461.4	1,048.0	—	1,509.4
June 2002 .....	3,705.7	3,782.1	2,162.5	W	W	10,269.2	834.2	846.7	W	W	—	1,447.2
July 2001 .....	3,612.5	3,715.8	2,249.6	W	W	10,340.9	804.8	819.1	W	W	—	1,552.2
<b>Georgia</b>												
July 2002 .....	1,272.0	1,329.8	NA	W	W	6,950.3	296.1	308.1	NA	655.2	—	754.7
June 2002 .....	1,292.5	1,322.0	297.1	6,496.5	—	6,793.7	300.9	307.7	99.9	652.1	—	752.0
July 2001 .....	1,270.6	1,320.1	W	6,597.3	W	7,000.9	296.1	305.1	W	W	—	832.5
<b>North Carolina</b>												
July 2002 .....	609.5	693.1	W	7,693.8	W	7,731.8	107.1	120.2	W	W	—	832.5
June 2002 .....	633.2	676.7	W	W	—	7,279.4	107.2	113.3	W	W	—	772.8
July 2001 .....	581.1	651.0	W	7,601.3	W	7,819.9	107.3	116.5	W	W	—	829.1
<b>South Carolina</b>												
July 2002 .....	691.4	739.9	149.1	3,525.7	—	3,674.8	130.3	141.4	W	W	—	375.4
June 2002 .....	675.6	701.4	144.6	3,375.2	—	3,519.8	127.4	132.5	18.7	331.1	—	349.9
July 2001 .....	701.4	730.0	136.4	3,580.6	—	3,717.0	128.5	134.3	20.2	368.9	—	389.1
<b>Virginia</b>												
July 2002 .....	787.9	859.9	1,311.2	4,884.8	—	6,196.0	176.5	189.7	285.4	490.1	—	775.5
June 2002 .....	830.2	879.9	1,338.6	4,727.4	—	6,066.0	182.9	191.2	287.7	469.2	—	757.0
July 2001 .....	782.5	840.3	1,156.4	W	W	6,299.6	174.0	186.1	W	W	—	843.8
<b>West Virginia</b>												
July 2002 .....	465.9	466.6	W	W	—	872.0	71.5	71.5	—	80.1	—	80.1
June 2002 .....	468.4	469.6	W	W	—	875.4	72.5	72.5	—	90.2	—	90.2
July 2001 .....	447.6	449.6	W	W	—	511.8	68.0	68.0	—	41.0	—	41.0
<b>PAD District II</b>												
July 2002 .....	13,919.0	14,154.9	5,639.4	65,912.3	4,613.2	76,164.8	1,952.3	1,964.5	884.8	5,739.7	—	6,624.5
June 2002 .....	13,828.1	14,055.8	5,861.7	64,158.3	5,469.8	75,489.8	1,949.2	1,960.5	906.9	5,266.5	—	6,173.4
July 2001 .....	13,438.9	13,771.1	6,250.0	64,594.4	3,814.8	74,659.2	1,903.1	1,932.2	1,065.1	4,754.8	—	5,819.9
<b>Illinois</b>												
July 2002 .....	1,823.5	1,844.4	W	6,788.0	W	8,590.1	342.0	342.4	375.0	708.7	—	1,083.7
June 2002 .....	1,829.5	1,844.6	1,344.8	6,578.8	1,351.9	9,275.5	342.4	343.4	381.6	731.9	—	1,113.5
July 2001 .....	1,750.6	1,765.8	1,387.4	6,501.2	559.9	8,448.5	301.2	302.7	403.8	595.7	—	999.5
<b>Indiana</b>												
July 2002 .....	1,491.3	1,501.3	501.7	4,926.0	292.9	5,720.7	195.7	195.7	61.0	348.9	—	409.9
June 2002 .....	1,477.1	1,488.0	506.3	4,813.1	411.9	5,731.3	192.9	192.9	60.1	290.6	—	350.7
July 2001 .....	1,416.5	1,431.9	521.7	W	W	5,837.3	197.5	197.5	W	W	—	398.8
<b>Iowa</b>												
July 2002 .....	51.4	51.5	W	W	—	2,774.8	68.8	68.8	—	929.7	—	929.7
June 2002 .....	54.6	54.9	W	W	—	2,849.3	68.2	68.2	—	860.1	—	860.1
July 2001 .....	80.1	80.2	—	3,056.6	—	3,056.6	43.3	43.3	—	640.9	—	640.9
<b>Kansas</b>												
July 2002 .....	397.9	397.9	W	W	807.9	4,027.5	38.5	38.5	W	W	—	80.4
June 2002 .....	408.6	411.1	W	3,297.9	W	3,923.2	39.9	39.9	W	W	—	76.7
July 2001 .....	388.9	391.5	W	2,756.0	W	3,354.6	63.5	63.5	W	W	—	58.8
<b>Kentucky</b>												
July 2002 .....	681.0	713.2	48.3	4,215.0	—	4,263.3	85.2	87.7	W	W	—	290.5
June 2002 .....	649.1	676.6	38.9	4,151.5	—	4,190.5	82.0	83.4	W	W	—	289.4
July 2001 .....	657.0	690.6	44.4	3,883.0	—	3,927.4	82.4	85.8	W	W	—	241.5
<b>Michigan</b>												
July 2002 .....	2,048.0	2,098.3	1,679.7	W	W	10,175.2	203.0	203.6	W	W	—	458.8
June 2002 .....	2,012.0	2,063.0	1,836.2	W	W	9,924.3	201.4	201.8	W	W	—	427.2
July 2001 .....	1,836.7	1,888.0	1,815.9	W	W	9,796.5	186.8	188.1	W	W	—	456.7
<b>Minnesota</b>												
July 2002 .....	1,015.9	1,023.1	W	4,229.4	W	4,723.1	120.0	120.9	W	W	—	1,023.8
June 2002 .....	1,001.1	1,008.5	W	3,814.6	W	4,273.0	124.1	124.7	W	W	—	858.7
July 2001 .....	995.4	1,001.8	W	3,929.7	W	4,577.6	111.0	111.1	W	W	—	871.3
<b>Missouri</b>												
July 2002 .....	679.2	700.0	W	W	—	4,869.2	67.9	68.6	W	W	—	165.1
June 2002 .....	676.5	687.9	387.2	W	W	4,771.9	68.6	69.0	W	W	—	159.3
July 2001 .....	631.1	646.0	W	5,107.2	W	5,587.0	69.9	70.3	W	W	—	171.4

See footnotes at end of table.

**Table 43. Refiner Motor Gasoline Volumes by Grade, Sales Type, PAD District, and State**  
(Thousand Gallons per Day) — Continued

Geographic Area Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total <sup>a</sup>	DTW	Rack	Bulk	Total	Through Retail Outlets	Total <sup>a</sup>	DTW	Rack	Bulk	Total
<b>Subdistrict IC</b>												
July 2002 .....	1,510.9	1,577.4	1,405.5	6,757.4	74.8	8,237.6	10,637.5	11,135.0	6,244.0	41,714.9	316.5	48,275.4
June 2002 .....	1,557.4	1,600.5	1,417.2	W	W	8,008.0	10,788.0	11,096.0	W	40,459.6	W	46,980.6
July 2001 .....	1,525.0	1,572.9	1,440.9	6,472.8	209.0	8,122.7	10,499.5	10,908.6	6,255.0	41,303.5	742.0	48,300.5
<b>Florida</b>												
July 2002 .....	846.5	857.5	W	1,800.4	W	2,652.0	5,364.9	5,495.0	3,444.6	10,748.9	253.1	14,446.6
June 2002 .....	866.7	875.6	W	1,777.9	W	2,631.4	5,406.6	5,504.4	W	10,667.1	W	14,347.8
July 2001 .....	875.4	886.7	W	1,755.0	W	2,667.2	5,292.7	5,421.5	W	10,656.8	W	14,560.2
<b>Georgia</b>												
July 2002 .....	260.7	274.0	NA	W	W	1,538.7	1,828.7	1,911.9	NA	W	W	9,243.7
June 2002 .....	266.9	279.1	118.6	1,395.2	—	1,513.8	1,860.4	1,908.7	515.6	8,543.9	—	9,059.5
July 2001 .....	251.5	259.5	135.3	W	W	1,493.6	1,818.3	1,884.7	W	8,619.6	W	9,327.0
<b>North Carolina</b>												
July 2002 .....	111.2	126.8	W	W	—	1,597.3	827.8	940.1	W	10,113.1	W	10,161.5
June 2002 .....	113.6	120.1	W	W	—	1,497.7	854.0	910.1	W	W	—	9,549.9
July 2001 .....	107.3	117.5	W	W	W	1,556.0	795.6	885.0	W	9,969.3	W	10,205.0
<b>South Carolina</b>												
July 2002 .....	92.7	104.1	W	W	—	787.5	914.5	985.4	196.2	4,641.5	—	4,837.7
June 2002 .....	92.9	99.4	27.1	699.8	—	726.8	895.9	933.3	190.4	4,406.1	—	4,596.5
July 2001 .....	94.0	101.2	26.2	W	W	797.5	923.9	965.5	182.8	W	W	4,903.6
<b>Virginia</b>												
July 2002 .....	162.2	177.3	466.6	1,081.1	—	1,547.7	1,126.6	1,226.9	2,063.2	6,456.0	—	8,519.2
June 2002 .....	179.3	188.4	475.0	1,036.6	—	1,511.6	1,192.4	1,259.5	2,101.4	6,233.2	—	8,334.6
July 2001 .....	162.7	173.7	W	1,093.5	W	1,540.6	1,119.1	1,200.0	W	6,779.6	W	8,684.0
<b>West Virginia</b>												
July 2002 .....	37.6	37.6	W	W	—	114.4	575.0	575.7	W	W	—	1,066.5
June 2002 .....	37.9	37.9	W	W	—	126.7	578.8	580.1	W	W	—	1,092.3
July 2001 .....	34.2	34.3	W	W	—	67.8	549.8	551.8	W	W	—	620.6
<b>PAD District II</b>												
July 2002 .....	1,513.0	1,560.0	1,178.8	7,719.9	239.7	9,138.5	17,384.3	17,679.5	7,703.0	79,371.9	4,852.9	91,927.8
June 2002 .....	1,531.6	1,586.9	1,185.8	7,336.3	246.3	8,768.3	17,308.9	17,603.2	7,954.4	76,761.1	5,716.1	90,431.5
July 2001 .....	1,489.0	1,542.7	1,273.8	7,358.8	179.8	8,812.4	16,831.0	17,246.0	8,588.9	76,708.1	3,994.6	89,291.5
<b>Illinois</b>												
July 2002 .....	347.2	354.0	W	834.9	W	1,282.6	2,512.8	2,540.8	2,109.8	8,331.5	515.0	10,956.4
June 2002 .....	346.4	354.5	419.4	821.3	—	1,240.8	2,518.3	2,542.5	2,145.8	8,132.0	1,351.9	11,629.7
July 2001 .....	320.3	321.7	438.5	769.1	—	1,207.6	2,372.1	2,390.3	2,229.7	7,866.0	559.9	10,655.6
<b>Indiana</b>												
July 2002 .....	151.4	151.5	103.9	536.0	—	639.9	1,838.4	1,848.5	666.6	5,810.9	292.9	6,770.5
June 2002 .....	150.1	150.1	103.1	520.0	—	623.1	1,820.1	1,831.0	669.5	5,623.7	411.9	6,705.1
July 2001 .....	145.5	145.5	111.6	545.5	—	657.1	1,759.4	1,774.8	W	5,794.4	W	6,893.2
<b>Iowa</b>												
July 2002 .....	5.9	5.9	—	207.0	—	207.0	126.0	126.1	W	W	—	3,911.5
June 2002 .....	7.2	7.2	—	194.2	—	194.2	130.1	130.4	W	W	—	3,903.6
July 2001 .....	9.8	9.9	—	179.2	—	179.2	133.2	133.3	—	3,876.7	—	3,876.7
<b>Kansas</b>												
July 2002 .....	35.7	35.7	W	277.5	W	335.4	472.1	472.1	W	3,555.4	W	4,443.2
June 2002 .....	37.1	37.1	W	W	W	309.3	485.6	488.1	W	3,658.8	W	4,309.2
July 2001 .....	46.9	46.9	W	W	W	338.5	499.3	501.9	W	3,041.2	W	3,751.9
<b>Kentucky</b>												
July 2002 .....	53.8	63.9	W	W	—	632.1	820.1	864.8	57.2	5,128.8	—	5,185.9
June 2002 .....	52.5	65.4	W	W	—	604.1	783.7	825.4	46.0	5,038.0	—	5,084.0
July 2001 .....	52.0	64.0	W	W	—	557.4	791.4	840.4	52.3	4,674.0	—	4,726.3
<b>Michigan</b>												
July 2002 .....	161.0	171.0	272.2	928.0	—	1,200.2	2,411.9	2,472.9	W	9,643.8	W	11,834.2
June 2002 .....	164.3	173.0	285.9	863.6	—	1,149.5	2,377.7	2,437.9	W	9,136.0	W	11,501.0
July 2001 .....	134.5	149.1	288.3	858.5	—	1,146.8	2,158.0	2,225.2	W	9,080.9	W	11,399.9
<b>Minnesota</b>												
July 2002 .....	82.0	82.0	W	W	W	494.1	1,217.9	1,226.1	W	5,628.1	W	6,241.1
June 2002 .....	83.3	83.3	W	W	W	431.4	1,208.5	1,216.5	W	4,975.1	W	5,563.1
July 2001 .....	81.0	81.2	W	W	—	431.5	1,187.4	1,194.1	W	5,132.3	W	5,880.3
<b>Missouri</b>												
July 2002 .....	56.7	65.7	69.8	482.1	—	551.9	803.8	834.3	W	W	—	5,586.2
June 2002 .....	57.5	69.0	W	465.2	W	548.1	802.7	825.9	W	4,868.5	W	5,479.3
July 2001 .....	54.7	63.2	W	W	W	623.3	755.7	779.5	W	5,713.3	W	6,381.6

See footnotes at end of table.

**Table 43. Refiner Motor Gasoline Volumes by Grade, Sales Type, PAD District, and State**  
(Thousand Gallons per Day) — Continued

Geographic Area Month	Regular						Midgrade					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total <sup>a</sup>	DTW	Rack	Bulk	Total	Through Retail Outlets	Total <sup>a</sup>	DTW	Rack	Bulk	Total
<b>Nebraska</b>												
July 2002 .....	39.9	40.0	W	W	—	1,725.3	W	15.0	W	W	—	224.2
June 2002 .....	40.5	W	W	W	—	1,695.7	W	15.5	—	213.6	—	213.6
July 2001 .....	41.0	41.1	W	W	—	1,828.7	6.9	W	—	181.8	—	181.8
<b>North Dakota</b>												
July 2002 .....	NA	W	W	W	—	789.5	NA	W	W	W	—	204.7
June 2002 .....	NA	W	W	W	—	720.4	NA	W	W	W	—	200.3
July 2001 .....	—	W	W	W	—	898.7	—	W	W	W	—	141.4
<b>Ohio</b>												
July 2002 .....	3,884.7	3,931.8	1,055.7	W	W	7,962.8	551.3	557.3	W	W	—	469.2
June 2002 .....	3,805.5	3,853.7	1,073.7	W	W	8,057.7	543.1	548.9	W	W	—	458.9
July 2001 .....	3,747.5	3,892.8	1,121.6	W	W	7,651.6	545.8	566.1	W	W	—	501.4
<b>Oklahoma</b>												
July 2002 .....	601.5	605.9	—	W	W	6,374.7	62.1	62.2	—	38.0	—	38.0
June 2002 .....	618.1	624.2	—	3,720.6	2,592.9	6,313.6	63.3	63.4	—	36.3	—	36.3
July 2001 .....	585.0	592.5	—	W	W	5,660.5	74.6	74.7	—	41.6	—	41.6
<b>South Dakota</b>												
July 2002 .....	NA	W	W	W	—	976.5	6.0	6.1	W	W	—	238.5
June 2002 .....	NA	NA	W	W	—	865.9	5.7	5.7	W	W	—	206.2
July 2001 .....	W	14.3	W	W	—	1,060.5	3.9	W	W	W	—	174.0
<b>Tennessee</b>												
July 2002 .....	771.9	801.9	NA	6,916.3	—	6,993.1	156.3	156.9	W	W	—	701.5
June 2002 .....	819.2	857.8	W	W	—	7,003.5	162.4	163.4	W	W	—	677.7
July 2001 .....	883.9	911.0	102.4	6,876.0	—	6,978.4	180.2	180.8	37.0	675.9	—	712.9
<b>Wisconsin</b>												
July 2002 .....	421.4	428.5	W	W	—	6,199.1	W	W	W	W	—	306.4
June 2002 .....	425.2	431.2	W	W	—	5,893.9	W	W	W	W	—	244.8
July 2001 .....	W	W	W	W	—	5,995.4	36.2	36.5	W	W	—	227.9
<b>PAD District III</b>												
July 2002 .....	7,013.6	7,134.1	974.3	33,876.1	26,464.4	61,314.8	1,207.5	1,220.6	194.9	2,348.2	—	2,543.1
June 2002 .....	7,216.0	7,275.9	988.7	33,762.1	27,238.7	61,989.5	1,256.8	1,261.2	197.2	2,306.3	—	2,503.5
July 2001 .....	7,174.6	7,277.7	952.6	31,787.6	20,404.6	53,144.8	1,262.3	1,271.7	202.1	2,373.0	—	2,575.1
<b>Alabama</b>												
July 2002 .....	253.3	299.5	W	W	—	4,431.7	38.8	47.7	W	W	—	485.7
June 2002 .....	263.9	278.8	W	W	—	4,333.7	39.8	42.0	W	W	—	468.1
July 2001 .....	250.6	286.6	68.5	4,271.5	—	4,340.0	39.1	45.0	17.0	487.7	—	504.7
<b>Arkansas</b>												
July 2002 .....	328.3	329.7	W	3,025.3	W	3,066.4	25.9	26.3	W	W	—	170.5
June 2002 .....	330.4	331.1	W	W	—	2,981.0	26.3	26.5	W	W	—	158.1
July 2001 .....	248.6	254.0	—	W	W	2,968.8	20.0	20.1	—	149.2	—	149.2
<b>Louisiana</b>												
July 2002 .....	914.3	914.8	W	W	2,610.7	6,339.9	177.9	177.9	W	W	—	297.6
June 2002 .....	933.5	934.0	W	W	2,387.8	6,122.3	179.8	179.8	W	W	—	298.5
July 2001 .....	860.4	860.9	W	3,335.2	W	5,737.7	172.1	172.1	40.2	265.1	—	305.3
<b>Mississippi</b>												
July 2002 .....	239.8	252.1	—	W	W	3,390.8	29.5	31.9	—	264.8	—	264.8
June 2002 .....	227.4	235.5	—	2,772.8	520.9	3,293.7	28.5	29.7	—	238.7	—	238.7
July 2001 .....	240.2	275.3	W	2,782.0	W	3,079.4	32.6	34.6	W	W	—	263.6
<b>New Mexico</b>												
July 2002 .....	413.8	423.7	W	W	—	1,711.4	68.4	68.8	W	W	—	66.5
June 2002 .....	421.5	430.8	W	W	—	1,764.9	69.8	70.1	W	W	—	67.5
July 2001 .....	464.7	475.5	W	W	—	1,721.2	71.7	72.5	W	W	—	74.5
<b>Texas</b>												
July 2002 .....	4,864.2	4,914.2	752.9	18,339.9	23,281.7	42,374.5	866.9	868.0	143.8	1,114.2	—	1,258.0
June 2002 .....	5,039.3	5,065.7	772.3	18,391.6	24,330.0	43,493.9	912.6	913.1	146.7	1,126.1	—	1,272.8
July 2001 .....	5,110.0	5,125.4	663.0	16,880.3	17,754.4	35,297.7	926.7	927.3	136.9	1,140.9	—	1,277.8
<b>PAD District IV</b>												
July 2002 .....	1,567.5	1,596.7	712.1	W	W	8,380.9	639.3	641.4	W	W	—	697.9
June 2002 .....	1,578.1	1,606.7	W	7,308.1	W	8,087.2	646.4	649.5	111.3	565.6	—	677.0
July 2001 .....	1,694.1	1,725.5	W	7,329.3	W	8,028.3	587.5	590.8	120.5	614.3	—	734.9
<b>Colorado</b>												
July 2002 .....	1,128.7	1,130.6	W	2,805.5	W	3,009.8	470.1	470.1	W	W	—	396.4
June 2002 .....	1,144.0	1,144.8	W	2,745.6	W	2,935.0	478.0	478.0	45.2	331.2	—	376.4
July 2001 .....	1,206.7	1,209.8	164.5	W	W	3,081.7	429.5	429.5	W	W	—	379.2

See footnotes at end of table.

**Table 43. Refiner Motor Gasoline Volumes by Grade, Sales Type, PAD District, and State**  
(Thousand Gallons per Day) — Continued

Geographic Area Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total <sup>a</sup>	DTW	Rack	Bulk	Total	Through Retail Outlets	Total <sup>a</sup>	DTW	Rack	Bulk	Total
<b>Nebraska</b>												
July 2002 .....	W	4.7	W	W	—	123.6	59.7	59.8	W	W	—	2,073.1
June 2002 .....	W	W	—	119.0	—	119.0	61.0	61.2	W	W	—	2,028.3
July 2001 .....	5.6	W	—	128.8	—	128.8	53.5	53.6	W	W	—	2,139.4
<b>North Dakota</b>												
July 2002 .....	NA	W	W	W	—	51.4	NA	W	W	W	—	1,045.7
June 2002 .....	NA	W	W	W	—	42.5	NA	W	W	W	—	963.3
July 2001 .....	—	—	W	W	—	51.9	—	W	W	W	—	1,092.1
<b>Ohio</b>												
July 2002 .....	357.3	364.1	W	794.2	W	991.5	4,793.3	4,853.3	W	7,927.5	W	9,423.5
June 2002 .....	355.1	362.7	182.1	780.1	—	962.1	4,703.8	4,765.2	W	7,919.4	W	9,478.8
July 2001 .....	352.0	366.8	190.5	811.9	—	1,002.4	4,645.3	4,825.6	W	7,607.4	W	9,155.4
<b>Oklahoma</b>												
July 2002 .....	56.8	57.2	—	W	W	565.8	720.4	725.3	—	4,260.5	2,718.0	6,978.5
June 2002 .....	60.4	61.0	—	446.3	179.2	625.5	741.9	748.6	—	4,203.2	2,772.2	6,975.4
July 2001 .....	62.3	62.6	—	W	W	535.9	721.9	729.9	—	4,310.4	1,927.7	6,238.0
<b>South Dakota</b>												
July 2002 .....	NA	1.0	W	W	—	98.7	NA	W	W	W	—	1,313.7
June 2002 .....	NA	W	W	W	—	70.5	NA	W	W	W	—	1,142.6
July 2001 .....	W	W	W	W	—	92.1	W	19.6	W	W	—	1,326.6
<b>Tennessee</b>												
July 2002 .....	167.8	171.1	W	W	—	1,376.2	1,096.0	1,129.8	NA	8,932.9	—	9,070.7
June 2002 .....	180.4	186.2	W	W	—	1,351.7	1,162.0	1,207.4	W	W	—	9,033.0
July 2001 .....	192.3	193.6	37.5	1,263.3	—	1,300.7	1,256.4	1,285.5	176.8	8,815.2	—	8,992.0
<b>Wisconsin</b>												
July 2002 .....	W	W	W	W	—	588.1	491.4	498.6	W	W	—	7,093.6
June 2002 .....	W	W	W	W	—	496.4	493.8	499.9	W	W	—	6,635.1
July 2001 .....	W	31.3	W	W	—	559.2	W	W	W	W	—	6,782.5
<b>PAD District III</b>												
July 2002 .....	1,031.7	1,049.7	260.5	5,166.8	2,681.7	8,109.1	9,252.8	9,404.4	1,429.7	41,391.1	29,146.1	71,966.9
June 2002 .....	1,085.7	1,093.7	260.8	5,170.7	2,938.6	8,370.0	9,558.5	9,630.8	1,446.6	41,239.1	30,177.3	72,863.0
July 2001 .....	1,078.7	1,093.7	255.6	4,824.5	1,959.2	7,039.3	9,515.6	9,643.1	1,410.3	38,985.1	22,363.8	62,759.2
<b>Alabama</b>												
July 2002 .....	26.9	37.4	W	W	—	827.6	319.1	384.7	W	W	—	5,745.1
June 2002 .....	28.1	32.0	W	W	—	782.6	331.9	352.7	W	W	—	5,584.5
July 2001 .....	26.7	33.8	20.1	758.3	—	778.3	316.5	365.5	105.5	5,517.5	—	5,623.0
<b>Arkansas</b>												
July 2002 .....	21.0	21.2	W	W	W	431.2	375.2	377.2	W	3,592.1	W	3,668.2
June 2002 .....	21.4	21.4	W	380.5	W	450.7	378.0	379.0	W	3,517.8	W	3,589.8
July 2001 .....	16.6	16.7	—	W	W	458.5	285.3	290.9	—	W	W	3,576.5
<b>Louisiana</b>												
July 2002 .....	148.7	148.8	W	592.1	W	808.1	1,240.8	1,241.5	W	4,458.5	W	7,445.6
June 2002 .....	151.8	151.9	W	632.2	W	993.0	1,265.2	1,265.7	W	4,502.4	W	7,413.8
July 2001 .....	141.2	141.3	W	576.9	W	973.2	1,173.7	1,174.3	240.1	4,177.2	2,598.9	7,016.2
<b>Mississippi</b>												
July 2002 .....	24.5	26.5	—	W	W	539.7	293.9	310.5	—	W	W	4,195.3
June 2002 .....	23.4	24.8	—	W	W	552.0	279.3	290.1	—	W	W	4,084.4
July 2001 .....	26.8	31.1	W	W	W	670.0	299.5	341.0	W	3,511.0	W	4,012.9
<b>New Mexico</b>												
July 2002 .....	38.5	39.0	W	W	—	275.7	520.7	531.6	W	W	—	2,053.6
June 2002 .....	37.1	37.5	W	W	—	280.4	528.4	538.4	W	W	—	2,112.7
July 2001 .....	42.2	42.6	W	W	—	268.4	578.7	590.6	W	W	—	2,064.1
<b>Texas</b>												
July 2002 .....	772.0	776.7	191.4	2,601.7	2,433.6	5,226.7	6,503.1	6,558.9	1,088.1	22,055.8	25,715.3	48,859.2
June 2002 .....	823.8	826.1	192.5	2,638.5	2,480.2	5,311.3	6,775.7	6,804.9	1,111.5	22,156.2	26,810.2	50,077.9
July 2001 .....	825.1	828.2	168.6	2,406.6	NA	3,890.8	6,861.8	6,880.9	968.5	20,427.8	19,070.0	40,466.4
<b>PAD District IV</b>												
July 2002 .....	319.6	328.4	W	1,535.3	W	1,705.8	2,526.3	2,566.4	W	9,710.4	W	10,784.6
June 2002 .....	329.0	337.9	W	1,411.4	W	1,559.7	2,553.4	2,594.1	973.8	9,285.1	64.9	10,323.8
July 2001 .....	305.9	315.2	W	1,392.7	W	1,517.5	2,587.5	2,631.5	W	9,336.3	W	10,280.6
<b>Colorado</b>												
July 2002 .....	245.5	245.6	W	W	W	624.4	1,844.3	1,846.3	W	3,723.2	W	4,030.6
June 2002 .....	254.5	254.7	W	532.0	W	577.4	1,876.5	1,877.5	W	3,608.8	W	3,888.8
July 2001 .....	231.0	231.2	W	536.3	W	588.8	1,867.2	1,870.5	258.1	W	W	4,049.7

See footnotes at end of table.

**Table 43. Refiner Motor Gasoline Volumes by Grade, Sales Type, PAD District, and State**  
(Thousand Gallons per Day) — Continued

Geographic Area Month	Regular						Midgrade					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total <sup>a</sup>	DTW	Rack	Bulk	Total	Through Retail Outlets	Total <sup>a</sup>	DTW	Rack	Bulk	Total
<b>Idaho</b>												
July 2002 .....	95.6	100.9	W	W	NA	1,398.1	10.5	11.3	W	W	—	77.9
June 2002 .....	96.7	101.9	W	1,158.7	W	1,347.8	10.0	10.6	W	W	—	68.6
July 2001 .....	91.2	96.2	W	W	—	1,210.4	8.9	9.5	W	W	—	102.0
<b>Montana</b>												
July 2002 .....	W	10.5	—	1,403.6	—	1,403.6	W	W	—	W	—	W
June 2002 .....	W	10.6	—	1,226.7	—	1,226.7	W	W	—	W	—	W
July 2001 .....	W	13.1	—	1,390.8	—	1,390.8	W	W	—	W	—	W
<b>Utah</b>												
July 2002 .....	283.9	303.2	W	W	—	1,822.1	141.2	142.5	W	W	—	210.9
June 2002 .....	282.4	300.1	W	W	—	1,904.6	142.1	144.6	W	W	—	221.5
July 2001 .....	327.5	348.1	343.5	1,257.7	—	1,601.3	134.2	136.9	W	W	—	217.0
<b>Wyoming</b>												
July 2002 .....	W	51.5	W	W	—	747.4	W	W	—	W	—	W
June 2002 .....	W	49.2	W	W	—	673.1	W	W	—	W	—	W
July 2001 .....	W	58.4	—	744.0	—	744.0	W	W	—	W	—	W
<b>PAD District V</b>												
July 2002 .....	10,380.5	10,636.5	20,937.4	W	W	38,608.0	1,860.7	1,893.4	W	W	—	4,315.8
June 2002 .....	10,568.2	10,857.3	W	12,571.4	W	38,106.0	1,896.4	1,932.4	3,525.4	837.4	—	4,362.9
July 2001 .....	9,735.8	10,098.6	W	14,746.6	W	42,132.6	1,822.4	1,861.9	2,960.2	950.2	—	3,910.4
<b>Alaska</b>												
July 2002 .....	259.4	275.3	83.6	W	W	572.0	24.2	24.5	W	W	—	8.6
June 2002 .....	259.2	271.8	W	291.8	W	497.4	23.9	24.3	W	1.7	—	W
July 2001 .....	292.5	301.4	W	344.2	W	582.1	15.7	15.7	W	W	—	7.8
<b>Arizona</b>												
July 2002 .....	2,161.4	2,170.7	W	1,147.3	W	2,700.8	297.3	298.3	W	W	—	135.2
June 2002 .....	2,191.1	2,201.6	W	1,099.4	W	2,662.8	306.7	307.6	W	W	—	137.7
July 2001 .....	1,991.9	2,001.8	1,263.6	W	W	2,624.5	299.5	299.9	99.2	60.6	—	159.7
<b>California</b>												
July 2002 .....	6,058.1	6,196.7	15,537.8	6,713.3	2,813.4	25,064.5	1,236.7	1,255.6	2,836.5	572.5	—	3,409.0
June 2002 .....	6,201.7	6,371.6	16,289.9	5,661.3	2,622.4	24,573.6	1,260.8	1,283.1	2,960.7	487.7	—	3,448.4
July 2001 .....	5,655.9	5,906.3	15,481.7	6,768.5	5,321.2	27,571.4	1,203.6	1,232.6	2,369.0	492.3	—	2,861.3
<b>Hawaii</b>												
July 2002 .....	163.9	249.5	302.5	W	W	540.0	21.9	32.1	W	W	—	66.4
June 2002 .....	163.1	250.2	300.3	W	W	520.2	22.2	32.6	W	W	—	W
July 2001 .....	167.8	254.5	329.5	W	W	528.2	20.1	30.2	W	W	—	78.0
<b>Nevada</b>												
July 2002 .....	122.4	123.4	936.2	489.5	91.8	1,517.6	21.0	21.8	129.4	36.4	—	165.7
June 2002 .....	122.2	123.8	957.3	W	W	1,565.8	21.1	21.9	134.0	33.3	—	167.3
July 2001 .....	119.2	122.6	947.6	W	W	1,905.5	23.5	23.5	130.1	68.2	—	198.4
<b>Oregon</b>												
July 2002 .....	448.9	450.3	W	2,111.3	W	3,201.5	57.7	57.7	W	W	—	146.5
June 2002 .....	444.0	445.4	W	2,114.3	W	3,205.2	57.3	57.3	W	W	—	141.0
July 2001 .....	454.6	455.8	W	2,205.6	W	3,394.0	59.0	59.0	58.1	97.6	—	155.7
<b>Washington</b>												
July 2002 .....	1,166.4	1,170.5	W	2,934.6	W	5,011.7	201.9	203.3	196.5	187.9	—	384.4
June 2002 .....	1,187.0	1,192.8	1,930.3	2,869.7	NA	5,080.9	204.4	205.5	212.7	180.5	—	393.2
July 2001 .....	1,053.9	1,056.1	W	3,394.2	W	5,526.9	201.0	201.0	223.2	226.4	—	449.6

See footnotes at end of table.

**Table 43. Refiner Motor Gasoline Volumes by Grade, Sales Type, PAD District, and State**  
(Thousand Gallons per Day) — Continued

Geographic Area Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total <sup>a</sup>	DTW	Rack	Bulk	Total	Through Retail Outlets	Total <sup>a</sup>	DTW	Rack	Bulk	Total
<b>Idaho</b>												
July 2002 .....	6.2	6.7	W	W	—	214.3	112.3	118.9	W	W	NA	1,690.3
June 2002 .....	6.1	6.5	W	W	—	203.2	112.8	119.0	W	1,403.8	W	1,619.5
July 2001 .....	5.3	5.7	W	W	—	174.0	105.4	111.5	W	W	—	1,486.4
<b>Montana</b>												
July 2002 .....	W	W	—	W	—	W	W	18.0	—	1,674.7	—	1,674.7
June 2002 .....	W	W	—	W	—	W	W	17.3	—	1,440.8	—	1,440.8
July 2001 .....	W	W	—	W	—	W	W	17.0	—	1,673.2	—	1,673.2
<b>Utah</b>												
July 2002 .....	61.0	66.9	W	W	—	446.7	486.2	512.5	W	W	—	2,479.7
June 2002 .....	61.6	68.3	W	W	—	441.8	486.1	513.1	W	W	—	2,567.9
July 2001 .....	61.0	68.0	W	W	—	366.2	522.7	552.9	466.7	1,717.8	—	2,184.5
<b>Wyoming</b>												
July 2002 .....	W	W	W	W	—	W	W	70.6	W	W	—	909.3
June 2002 .....	W	W	W	W	—	W	W	67.1	W	W	—	806.9
July 2001 .....	W	W	—	W	—	W	W	79.6	—	886.7	—	886.7
<b>PAD District V</b>												
July 2002 .....	1,712.8	1,793.5	W	2,165.9	W	7,114.3	13,954.0	14,323.4	W	16,898.2	W	50,038.1
June 2002 .....	1,739.5	1,824.7	W	1,963.8	W	7,110.0	14,204.1	14,614.3	30,046.8	15,372.7	4,159.4	49,578.9
July 2001 .....	1,488.6	1,542.4	W	2,193.7	W	7,162.4	13,046.9	13,502.9	W	17,890.5	W	53,205.4
<b>Alaska</b>												
July 2002 .....	25.6	25.9	W	W	—	25.9	309.2	325.7	W	322.4	W	606.5
June 2002 .....	25.8	26.1	W	15.7	—	W	308.9	322.3	W	309.2	W	532.0
July 2001 .....	25.2	25.6	W	W	W	25.6	333.5	342.8	W	358.7	W	615.5
<b>Arizona</b>												
July 2002 .....	282.6	284.4	243.4	W	W	439.0	2,741.3	2,753.3	1,654.6	W	W	3,275.0
June 2002 .....	289.2	291.2	253.2	192.6	—	445.7	2,787.0	2,800.4	1,723.4	W	W	3,246.3
July 2001 .....	241.3	242.4	219.8	W	W	462.8	2,532.6	2,544.1	1,582.6	1,435.3	229.2	3,247.0
<b>California</b>												
July 2002 .....	1,074.8	1,125.5	3,437.6	1,130.9	415.4	4,983.8	8,369.6	8,577.8	21,811.9	8,416.6	3,228.7	33,457.3
June 2002 .....	1,094.7	1,146.2	3,574.6	970.3	452.3	4,997.2	8,557.1	8,800.9	22,825.2	7,119.3	3,074.7	33,019.3
July 2001 .....	923.3	951.6	3,475.1	1,043.4	376.9	4,895.4	7,782.9	8,090.5	21,325.7	8,304.3	5,698.2	35,328.1
<b>Hawaii</b>												
July 2002 .....	63.3	90.1	W	21.9	W	192.0	249.1	371.7	486.6	W	W	798.4
June 2002 .....	65.2	95.5	120.9	W	W	W	250.5	378.3	W	108.2	W	789.5
July 2001 .....	70.5	93.9	W	20.9	W	173.8	258.4	378.6	522.4	W	W	779.9
<b>Nevada</b>												
July 2002 .....	21.1	21.1	193.5	113.1	12.9	319.5	164.5	166.4	1,259.1	639.0	104.7	2,002.8
June 2002 .....	20.8	20.8	198.0	W	W	313.8	164.0	166.5	1,289.2	591.0	166.6	2,046.8
July 2001 .....	19.0	19.2	171.4	W	W	341.9	161.7	165.3	1,249.2	W	W	2,445.7
<b>Oregon</b>												
July 2002 .....	59.2	59.5	120.7	W	W	387.5	565.7	567.5	W	2,464.0	W	3,735.5
June 2002 .....	57.8	58.2	120.1	W	W	373.7	559.1	560.9	1,136.1	W	W	3,719.9
July 2001 .....	51.8	52.1	W	260.5	W	438.9	565.4	566.9	W	2,563.7	W	3,988.6
<b>Washington</b>												
July 2002 .....	186.1	187.1	W	433.9	W	766.6	1,554.4	1,560.9	2,336.2	3,556.4	NA	6,162.7
June 2002 .....	186.0	186.7	341.7	409.2	—	750.9	1,577.4	1,585.0	2,484.7	3,459.5	NA	6,225.1
July 2001 .....	157.5	157.5	W	474.0	W	824.0	1,412.4	1,414.6	2,477.8	4,094.6	228.1	6,800.5

Dash (—) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

<sup>a</sup> Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Source: Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

Notes: Motor gasoline averages and totals prior to October 1993 include leaded gasoline.

Notes: Values shown for the current month are preliminary. Values shown for previous months are revised. Data are final upon publication in the *Petroleum Marketing Annual*.

**Table 44. Refiner Motor Gasoline Volumes by Formulation, Sales Type, PAD District, and State**  
(Thousand Gallons per Day)

Geographic Area Month	Conventional						Oxygenated					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total <sup>a</sup>	DTW	Rack	Bulk	Total	Through Retail Outlets	Total <sup>a</sup>	DTW	Rack	Bulk	Total
<b>United States</b>												
July 2002 .....	37,235.7	38,263.8	16,160.0	168,203.8	37,441.9	221,805.7	1,914.0	1,922.2	2,195.3	5,994.3	-	8,189.6
June 2002 .....	37,399.9	38,194.2	16,441.1	163,437.2	39,499.0	219,377.3	1,939.8	1,947.9	2,244.0	5,385.3	-	7,629.2
July 2001 .....	36,538.5	37,584.7	17,050.8	165,263.6	29,749.5	212,064.0	1,702.8	1,709.4	2,211.8	4,843.4	-	7,055.1
<b>PAD District I</b>												
July 2002 .....	13,105.1	13,568.5	6,697.4	51,236.3	3,900.8	61,834.5	-	-	-	-	-	-
June 2002 .....	13,163.3	13,457.3	6,625.9	49,232.3	4,303.7	60,161.9	-	-	-	-	-	-
July 2001 .....	12,800.0	13,176.0	6,809.1	50,733.7	3,830.3	61,373.0	-	-	-	-	-	-
<b>Subdistrict IA</b>												
July 2002 .....	-	W	W	2,031.7	W	2,217.6	-	-	-	-	-	-
June 2002 .....	-	2.0	W	1,798.5	W	2,108.2	-	-	-	-	-	-
July 2001 .....	-	9.5	W	1,975.4	W	2,198.1	-	-	-	-	-	-
<b>Connecticut</b>												
July 2002 .....	-	-	-	-	-	-	-	-	-	-	-	-
June 2002 .....	-	-	-	-	-	-	-	-	-	-	-	-
July 2001 .....	-	-	-	-	-	-	-	-	-	-	-	-
<b>Maine</b>												
July 2002 .....	-	W	W	1,364.9	W	1,484.7	-	-	-	-	-	-
June 2002 .....	-	W	W	1,198.3	W	1,443.4	-	-	-	-	-	-
July 2001 .....	-	W	W	1,351.3	W	1,506.4	-	-	-	-	-	-
<b>Massachusetts</b>												
July 2002 .....	-	-	-	-	-	-	-	-	-	-	-	-
June 2002 .....	-	-	-	-	-	-	-	-	-	-	-	-
July 2001 .....	-	-	-	-	-	-	-	-	-	-	-	-
<b>New Hampshire</b>												
July 2002 .....	-	-	W	W	-	206.6	-	-	-	-	-	-
June 2002 .....	-	W	W	W	-	191.8	-	-	-	-	-	-
July 2001 .....	-	W	W	W	-	213.1	-	-	-	-	-	-
<b>Rhode Island</b>												
July 2002 .....	-	-	-	-	-	-	-	-	-	-	-	-
June 2002 .....	-	-	-	-	-	-	-	-	-	-	-	-
July 2001 .....	-	-	-	-	-	-	-	-	-	-	-	-
<b>Vermont</b>												
July 2002 .....	-	W	W	W	-	526.3	-	-	-	-	-	-
June 2002 .....	-	W	W	W	-	473.0	-	-	-	-	-	-
July 2001 .....	-	2.5	W	W	-	478.6	-	-	-	-	-	-
<b>Subdistrict IB</b>												
July 2002 .....	3,436.4	W	W	9,967.3	W	15,831.3	-	-	-	-	-	-
June 2002 .....	3,379.0	3,423.4	W	9,407.2	W	15,554.1	-	-	-	-	-	-
July 2001 .....	3,256.8	3,286.8	W	10,161.1	W	15,405.6	-	-	-	-	-	-
<b>Delaware</b>												
July 2002 .....	-	-	-	-	-	-	-	-	-	-	-	-
June 2002 .....	-	-	-	-	-	-	-	-	-	-	-	-
July 2001 .....	-	-	-	-	-	-	-	-	-	-	-	-
<b>District of Columbia</b>												
July 2002 .....	-	-	-	-	-	-	-	-	-	-	-	-
June 2002 .....	-	-	-	-	-	-	-	-	-	-	-	-
July 2001 .....	-	-	-	-	-	-	-	-	-	-	-	-
<b>Maryland</b>												
July 2002 .....	-	W	W	W	-	696.7	-	-	-	-	-	-
June 2002 .....	-	W	W	W	-	644.3	-	-	-	-	-	-
July 2001 .....	-	W	W	W	-	647.4	-	-	-	-	-	-
<b>New Jersey</b>												
July 2002 .....	-	-	-	-	2,062.5	2,062.5	-	-	-	-	-	-
June 2002 .....	-	-	-	-	2,462.5	2,462.5	-	-	-	-	-	-
July 2001 .....	-	-	-	-	1,141.9	1,141.9	-	-	-	-	-	-
<b>New York</b>												
July 2002 .....	1,548.5	1,578.1	1,234.2	W	W	5,411.6	-	-	-	-	-	-
June 2002 .....	1,500.0	W	1,172.7	W	W	4,769.9	-	-	-	-	-	-
July 2001 .....	1,439.8	W	1,222.8	W	W	5,127.0	-	-	-	-	-	-
<b>Pennsylvania</b>												
July 2002 .....	1,887.9	1,907.0	1,080.5	W	W	7,660.4	-	-	-	-	-	-
June 2002 .....	1,878.9	1,890.3	1,106.7	W	W	7,677.3	-	-	-	-	-	-
July 2001 .....	1,817.0	1,823.9	W	5,704.8	W	8,489.3	-	-	-	-	-	-

See footnotes at end of table.

**Table 44. Refiner Motor Gasoline Volumes by Formulation, Sales Type, PAD District, and State**

(Thousand Gallons per Day) — Continued

Geographic Area Month	Reformulated						All Formulations					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total <sup>a</sup>	DTW	Rack	Bulk	Total	Through Retail Outlets	Total <sup>a</sup>	DTW	Rack	Bulk	Total
<b>United States</b>												
July 2002	23,731.9	24,215.7	47,802.8	39,020.4	10,190.8	97,014.1	62,881.6	64,401.7	66,158.1	213,218.5	47,632.7	327,009.4
June 2002	24,042.7	24,524.0	49,339.7	37,673.2	10,351.1	97,364.0	63,382.4	64,666.0	68,024.8	206,495.6	49,850.1	324,370.6
July 2001	23,048.3	23,616.1	45,338.4	38,387.0	14,048.5	97,773.8	61,289.6	62,910.2	64,600.9	208,494.0	43,798.0	316,892.9
<b>PAD District I</b>												
July 2002	6,659.2	6,859.6	20,583.2	14,610.7	5,263.5	40,457.3	19,764.3	20,428.1	27,280.6	65,847.0	9,164.3	102,291.9
June 2002	6,594.3	6,766.2	20,977.3	14,605.3	5,428.8	41,011.4	19,757.5	20,223.6	27,603.2	63,837.7	9,732.5	101,173.4
July 2001	6,508.6	6,710.6	18,547.4	14,840.4	6,595.4	39,983.2	19,308.7	19,886.7	25,356.5	65,574.1	10,425.7	101,356.2
<b>Subdistrict IA</b>												
July 2002	1,772.4	W	W	4,715.8	W	10,142.7	1,772.4	1,784.8	W	6,747.5	W	12,360.3
June 2002	1,714.8	1,725.8	W	4,636.6	W	9,716.6	1,714.8	1,727.8	W	6,435.1	W	11,824.7
July 2001	1,805.4	1,825.8	W	4,502.7	W	9,699.9	1,805.4	1,835.3	4,074.1	6,478.1	1,345.8	11,898.0
<b>Connecticut</b>												
July 2002	W	W	W	2,232.7	W	4,524.9	W	W	W	2,232.7	W	4,524.9
June 2002	W	W	1,303.6	W	W	3,716.3	W	W	1,303.6	W	W	3,716.3
July 2001	W	W	W	2,100.3	W	3,953.4	W	W	W	2,100.3	W	3,953.4
<b>Maine</b>												
July 2002	—	—	—	—	—	—	—	W	W	1,364.9	W	1,484.7
June 2002	—	—	—	—	—	—	—	W	W	1,198.3	W	1,443.4
July 2001	—	—	—	—	—	—	—	W	W	1,351.3	W	1,506.4
<b>Massachusetts</b>												
July 2002	1,141.7	1,144.4	2,160.2	W	W	4,144.3	1,141.7	1,144.4	2,160.2	W	W	4,144.3
June 2002	1,098.1	1,101.5	2,186.4	W	W	4,530.3	1,098.1	1,101.5	2,186.4	W	W	4,530.3
July 2001	1,187.5	1,197.7	2,143.9	1,495.6	530.2	4,169.8	1,187.5	1,197.7	2,143.9	1,495.6	530.2	4,169.8
<b>New Hampshire</b>												
July 2002	253.3	253.4	W	W	—	573.7	253.3	253.4	242.5	537.9	—	780.3
June 2002	242.7	W	W	W	—	578.2	242.7	243.1	248.6	521.5	—	770.1
July 2001	220.4	W	W	350.8	W	707.7	220.4	222.5	233.1	W	W	920.8
<b>Rhode Island</b>												
July 2002	W	203.6	319.9	579.9	—	899.8	W	203.6	319.9	579.9	—	899.8
June 2002	W	201.1	318.8	573.0	—	891.8	W	201.1	318.8	573.0	—	891.8
July 2001	W	189.8	313.1	555.9	—	869.0	W	189.8	313.1	555.9	—	869.0
<b>Vermont</b>												
July 2002	—	—	—	—	—	—	—	W	W	W	—	526.3
June 2002	—	—	—	—	—	—	—	W	W	W	—	473.0
July 2001	—	—	—	—	—	—	—	2.5	W	W	—	478.6
<b>Subdistrict IB</b>												
July 2002	3,918.0	W	W	7,417.3	W	25,824.9	7,354.4	7,508.3	W	17,384.6	W	41,656.2
June 2002	3,875.7	3,976.4	W	7,535.8	W	26,813.9	7,254.7	7,399.8	17,176.2	16,943.0	8,248.8	42,368.0
July 2001	3,747.0	3,855.9	W	7,631.4	W	25,752.1	7,003.8	7,142.7	15,027.4	17,792.5	8,337.8	41,157.7
<b>Delaware</b>												
July 2002	57.7	58.5	W	W	—	1,033.3	57.7	58.5	W	W	—	1,033.3
June 2002	51.6	52.7	185.9	840.9	—	1,026.8	51.6	52.7	185.9	840.9	—	1,026.8
July 2001	48.4	W	151.7	712.5	—	864.2	48.4	W	151.7	712.5	—	864.2
<b>District of Columbia</b>												
July 2002	—	W	285.5	—	—	285.5	—	W	285.5	—	—	285.5
June 2002	—	W	299.6	—	—	299.6	—	W	299.6	—	—	299.6
July 2001	—	W	261.2	—	—	261.2	—	W	261.2	—	—	261.2
<b>Maryland</b>												
July 2002	—	W	W	W	W	5,172.8	—	W	2,968.9	W	W	5,869.5
June 2002	—	W	W	1,839.9	W	5,189.8	—	W	2,975.9	W	W	5,834.1
July 2001	—	W	2,361.0	W	W	4,510.9	—	54.1	W	2,608.5	W	5,158.3
<b>New Jersey</b>												
July 2002	1,802.8	1,825.7	4,933.2	2,657.8	3,178.3	10,769.4	1,802.8	1,825.7	4,933.2	2,657.8	5,240.9	12,831.9
June 2002	1,774.9	1,798.1	4,996.1	2,802.1	3,776.0	11,574.1	1,774.9	1,798.1	4,996.1	2,802.1	6,238.5	14,036.6
July 2001	1,656.3	1,682.5	4,101.9	3,008.8	4,977.1	12,087.9	1,656.3	1,682.5	4,101.9	3,008.8	6,119.0	13,229.8
<b>New York</b>												
July 2002	1,135.5	1,147.1	4,528.3	W	W	6,097.7	2,684.0	2,725.2	5,762.5	W	W	11,509.4
June 2002	1,117.7	W	4,647.5	W	W	6,163.6	2,617.7	2,660.4	5,820.2	4,967.8	145.5	10,933.5
July 2001	1,170.0	W	4,404.0	W	W	5,537.2	2,609.8	2,645.0	5,626.8	4,853.8	183.5	10,664.2
<b>Pennsylvania</b>												
July 2002	922.0	937.0	1,709.2	W	W	2,466.2	2,809.9	2,844.0	2,789.7	5,990.2	1,346.6	10,126.5
June 2002	931.5	947.9	1,791.9	W	W	2,560.1	2,810.5	2,838.2	2,898.6	W	W	10,237.4
July 2001	872.4	881.4	W	903.9	W	2,490.7	2,689.3	2,705.3	W	6,608.8	W	10,980.0

See footnotes at end of table.

**Table 44. Refiner Motor Gasoline Volumes by Formulation, Sales Type, PAD District, and State**  
(Thousand Gallons per Day) — Continued

Geographic Area Month	Conventional						Oxygenated					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total <sup>a</sup>	DTW	Rack	Bulk	Total	Through Retail Outlets	Total <sup>a</sup>	DTW	Rack	Bulk	Total
<b>Subdistrict IC</b>												
July 2002 .....	9,668.7	10,081.5	4,231.9	39,237.3	316.5	43,785.7	-	-	-	-	-	-
June 2002 .....	9,784.3	10,032.0	W	38,026.6	W	42,499.7	-	-	-	-	-	-
July 2001 .....	9,543.2	9,879.7	W	38,597.2	W	43,769.3	-	-	-	-	-	-
<b>Florida</b>												
July 2002 .....	5,364.9	5,495.0	3,444.6	10,748.9	253.1	14,446.6	-	-	-	-	-	-
June 2002 .....	5,406.6	5,504.4	W	10,667.1	W	14,347.8	-	-	-	-	-	-
July 2001 .....	5,292.7	5,421.5	W	10,656.8	W	14,560.2	-	-	-	-	-	-
<b>Georgia</b>												
July 2002 .....	1,828.7	1,911.9	NA	W	W	9,243.7	-	-	-	-	-	-
June 2002 .....	1,860.4	1,908.7	515.6	8,543.9	-	9,059.5	-	-	-	-	-	-
July 2001 .....	1,818.3	1,884.7	W	8,619.6	W	9,327.0	-	-	-	-	-	-
<b>North Carolina</b>												
July 2002 .....	827.8	940.1	W	10,113.1	W	10,161.5	-	-	-	-	-	-
June 2002 .....	854.0	910.1	W	W	-	9,549.9	-	-	-	-	-	-
July 2001 .....	795.6	885.0	W	9,969.3	W	10,205.0	-	-	-	-	-	-
<b>South Carolina</b>												
July 2002 .....	914.5	985.4	196.2	4,641.5	-	4,837.7	-	-	-	-	-	-
June 2002 .....	895.9	933.3	190.4	4,406.1	-	4,596.5	-	-	-	-	-	-
July 2001 .....	923.9	965.5	182.8	W	W	4,903.6	-	-	-	-	-	-
<b>Virginia</b>												
July 2002 .....	157.9	173.5	W	W	-	4,029.5	-	-	-	-	-	-
June 2002 .....	188.6	195.4	W	W	-	3,853.7	-	-	-	-	-	-
July 2001 .....	162.9	171.1	W	W	W	4,152.7	-	-	-	-	-	-
<b>West Virginia</b>												
July 2002 .....	575.0	575.7	W	W	-	1,066.5	-	-	-	-	-	-
June 2002 .....	578.8	580.1	W	W	-	1,092.3	-	-	-	-	-	-
July 2001 .....	549.8	551.8	W	W	-	620.6	-	-	-	-	-	-
<b>PAD District II</b>												
July 2002 .....	12,806.7	13,055.1	4,255.2	66,503.1	4,852.9	75,611.1	1,217.3	1,225.4	W	W	-	5,180.4
June 2002 .....	12,741.4	12,973.5	4,453.2	64,482.9	5,716.1	74,652.1	1,207.7	1,215.7	W	W	-	4,641.3
July 2001 .....	12,286.9	12,653.7	W	64,988.0	W	73,839.7	1,186.7	1,193.4	W	W	-	4,303.2
<b>Illinois</b>												
July 2002 .....	270.5	286.5	W	W	515.0	5,057.3	-	-	-	-	-	-
June 2002 .....	271.1	277.8	W	W	1,351.9	5,665.2	-	-	-	-	-	-
July 2001 .....	277.9	288.9	W	4,392.9	W	5,027.5	-	-	-	-	-	-
<b>Indiana</b>												
July 2002 .....	W	W	427.8	5,147.1	292.9	5,867.8	-	-	-	-	-	-
June 2002 .....	W	W	430.4	4,994.8	411.9	5,837.1	-	-	-	-	-	-
July 2001 .....	1,401.3	1,411.7	W	W	W	5,936.9	-	-	-	-	-	-
<b>Iowa</b>												
July 2002 .....	126.0	126.1	W	W	-	3,911.5	-	-	-	-	-	-
June 2002 .....	130.1	130.4	W	W	-	3,903.6	-	-	-	-	-	-
July 2001 .....	133.2	133.3	-	3,876.7	-	3,876.7	-	-	-	-	-	-
<b>Kansas</b>												
July 2002 .....	472.1	472.1	W	3,555.4	W	4,443.2	-	-	-	-	-	-
June 2002 .....	485.6	488.1	W	3,658.8	W	4,309.2	-	-	-	-	-	-
July 2001 .....	499.3	501.9	W	3,041.2	W	3,751.9	-	-	-	-	-	-
<b>Kentucky</b>												
July 2002 .....	W	W	W	W	-	3,926.4	-	-	-	-	-	-
June 2002 .....	W	W	W	W	-	3,824.6	-	-	-	-	-	-
July 2001 .....	W	W	W	W	-	3,486.8	-	-	-	-	-	-
<b>Michigan</b>												
July 2002 .....	2,411.9	2,472.9	W	9,643.8	W	11,834.2	-	-	-	-	-	-
June 2002 .....	2,377.7	2,437.9	W	9,136.0	W	11,501.0	-	-	-	-	-	-
July 2001 .....	2,158.0	2,225.2	W	9,080.9	W	11,399.9	-	-	-	-	-	-
<b>Minnesota</b>												
July 2002 .....	W	W	W	951.9	W	W	W	W	W	4,676.2	-	W
June 2002 .....	W	0.8	W	831.1	W	W	W	1,215.7	W	4,144.0	-	W
July 2001 .....	W	0.8	W	W	W	W	W	1,193.4	W	W	-	W
<b>Missouri</b>												
July 2002 .....	W	552.7	W	W	-	4,219.0	-	-	-	-	-	-
June 2002 .....	W	540.1	W	W	W	4,076.1	-	-	-	-	-	-
July 2001 .....	432.2	448.5	W	W	W	4,573.7	-	-	-	-	-	-

See footnotes at end of table.

**Table 44. Refiner Motor Gasoline Volumes by Formulation, Sales Type, PAD District, and State**  
(Thousand Gallons per Day) — Continued

Geographic Area Month	Reformulated						All Formulations					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total <sup>a</sup>	DTW	Rack	Bulk	Total	Through Retail Outlets	Total <sup>a</sup>	DTW	Rack	Bulk	Total
<b>Subdistrict IC</b>												
July 2002 .....	968.7	1,053.5	2,012.1	2,477.6	—	4,489.7	10,637.5	11,135.0	6,244.0	41,714.9	316.5	48,275.4
June 2002 .....	1,003.7	1,064.1	2,048.0	2,433.0	—	4,480.9	10,788.0	11,096.0	W	40,459.6	W	46,980.6
July 2001 .....	956.3	1,028.9	W	2,706.3	W	4,531.2	10,499.5	10,908.6	6,255.0	41,303.5	742.0	48,300.5
<b>Florida</b>												
July 2002 .....	—	—	—	—	—	—	5,364.9	5,495.0	3,444.6	10,748.9	253.1	14,446.6
June 2002 .....	—	—	—	—	—	—	5,406.6	5,504.4	W	10,667.1	W	14,347.8
July 2001 .....	—	—	—	—	—	—	5,292.7	5,421.5	W	10,656.8	W	14,560.2
<b>Georgia</b>												
July 2002 .....	—	—	—	—	—	—	1,828.7	1,911.9	NA	W	W	9,243.7
June 2002 .....	—	—	—	—	—	—	1,860.4	1,908.7	515.6	8,543.9	—	9,059.5
July 2001 .....	—	—	—	—	—	—	1,818.3	1,884.7	W	8,619.6	W	9,327.0
<b>North Carolina</b>												
July 2002 .....	—	—	—	—	—	—	827.8	940.1	W	10,113.1	W	10,161.5
June 2002 .....	—	—	—	—	—	—	854.0	910.1	W	W	—	9,549.9
July 2001 .....	—	—	—	—	—	—	795.6	885.0	W	9,969.3	W	10,205.0
<b>South Carolina</b>												
July 2002 .....	—	—	—	—	—	—	914.5	985.4	196.2	4,641.5	—	4,837.7
June 2002 .....	—	—	—	—	—	—	895.9	933.3	190.4	4,406.1	—	4,596.5
July 2001 .....	—	—	—	—	—	—	923.9	965.5	182.8	W	W	4,903.6
<b>Virginia</b>												
July 2002 .....	968.7	1,053.5	W	W	—	4,489.7	1,126.6	1,226.9	2,063.2	6,456.0	—	8,519.2
June 2002 .....	1,003.7	1,064.1	W	W	—	4,480.9	1,192.4	1,259.5	2,101.4	6,233.2	—	8,334.6
July 2001 .....	956.3	1,028.9	W	W	W	4,531.2	1,119.1	1,200.0	W	6,779.6	W	8,684.0
<b>West Virginia</b>												
July 2002 .....	—	—	—	—	—	—	575.0	575.7	W	W	—	1,066.5
June 2002 .....	—	—	—	—	—	—	578.8	580.1	W	W	—	1,092.3
July 2001 .....	—	—	—	—	—	—	549.8	551.8	W	W	—	620.6
<b>PAD District II</b>												
July 2002 .....	3,360.3	3,398.9	W	W	—	11,136.3	17,384.3	17,679.5	7,703.0	79,371.9	4,852.9	91,927.8
June 2002 .....	3,359.9	3,414.0	W	W	—	11,138.1	17,308.9	17,603.2	7,954.4	76,761.1	5,716.1	90,431.5
July 2001 .....	3,357.4	3,399.0	3,257.9	W	W	11,148.6	16,831.0	17,246.0	8,588.9	76,708.1	3,994.6	89,291.5
<b>Illinois</b>												
July 2002 .....	2,242.2	2,254.3	W	W	—	5,899.1	2,512.8	2,540.8	2,109.8	8,331.5	515.0	10,956.4
June 2002 .....	2,247.2	2,264.7	W	W	—	5,964.6	2,518.3	2,542.5	2,145.8	8,132.0	1,351.9	11,629.7
July 2001 .....	2,094.2	2,101.4	W	3,473.2	W	5,628.1	2,372.1	2,390.3	2,229.7	7,866.0	559.9	10,655.6
<b>Indiana</b>												
July 2002 .....	W	W	238.9	663.8	—	902.7	1,838.4	1,848.5	666.6	5,810.9	292.9	6,770.5
June 2002 .....	W	W	239.1	628.9	—	868.0	1,820.1	1,831.0	669.5	5,623.7	411.9	6,705.1
July 2001 .....	358.1	363.1	W	W	—	956.3	1,759.4	1,774.8	W	5,794.4	W	6,893.2
<b>Iowa</b>												
July 2002 .....	—	—	—	—	—	—	126.0	126.1	W	W	—	3,911.5
June 2002 .....	—	—	—	—	—	—	130.1	130.4	W	W	—	3,903.6
July 2001 .....	—	—	—	—	—	—	133.2	133.3	—	3,876.7	—	3,876.7
<b>Kansas</b>												
July 2002 .....	—	—	—	—	—	—	472.1	472.1	W	3,555.4	W	4,443.2
June 2002 .....	—	—	—	—	—	—	485.6	488.1	W	3,658.8	W	4,309.2
July 2001 .....	—	—	—	—	—	—	499.3	501.9	W	3,041.2	W	3,751.9
<b>Kentucky</b>												
July 2002 .....	W	W	W	W	—	1,259.5	820.1	864.8	57.2	5,128.8	—	5,185.9
June 2002 .....	W	W	W	W	—	1,259.3	783.7	825.4	46.0	5,038.0	—	5,084.0
July 2001 .....	W	W	W	W	—	1,239.5	791.4	840.4	52.3	4,674.0	—	4,726.3
<b>Michigan</b>												
July 2002 .....	—	—	—	—	—	—	2,411.9	2,472.9	W	9,643.8	W	11,834.2
June 2002 .....	—	—	—	—	—	—	2,377.7	2,437.9	W	9,136.0	W	11,501.0
July 2001 .....	—	—	—	—	—	—	2,158.0	2,225.2	W	9,080.9	W	11,399.9
<b>Minnesota</b>												
July 2002 .....	—	—	—	—	—	—	1,217.9	1,226.1	W	5,628.1	W	6,241.1
June 2002 .....	—	—	—	—	—	—	1,208.5	1,216.5	W	4,975.1	W	5,563.1
July 2001 .....	—	—	—	—	—	—	1,187.4	1,194.1	W	5,132.3	W	5,880.3
<b>Missouri</b>												
July 2002 .....	W	281.5	W	W	—	1,367.2	803.8	834.3	W	W	—	5,586.2
June 2002 .....	W	285.8	W	W	—	1,403.2	802.7	825.9	W	4,868.5	W	5,479.3
July 2001 .....	323.5	331.0	W	W	—	1,807.9	755.7	779.5	W	5,713.3	W	6,381.6

See footnotes at end of table.

**Table 44. Refiner Motor Gasoline Volumes by Formulation, Sales Type, PAD District, and State**

(Thousand Gallons per Day) — Continued

Geographic Area Month	Conventional						Oxygenated					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total <sup>a</sup>	DTW	Rack	Bulk	Total	Through Retail Outlets	Total <sup>a</sup>	DTW	Rack	Bulk	Total
<b>Nebraska</b>												
July 2002 .....	59.7	59.8	W	W	—	2,073.1	—	—	—	—	—	—
June 2002 .....	61.0	61.2	W	W	—	2,028.3	—	—	—	—	—	—
July 2001 .....	53.5	53.6	W	W	—	2,139.4	—	—	—	—	—	—
<b>North Dakota</b>												
July 2002 .....	NA	W	W	W	—	1,045.7	—	—	—	—	—	—
June 2002 .....	NA	W	W	W	—	963.3	—	—	—	—	—	—
July 2001 .....	—	W	W	W	—	1,092.1	—	—	—	—	—	—
<b>Ohio</b>												
July 2002 .....	4,793.3	4,853.3	W	7,927.5	W	9,423.5	—	—	—	—	—	—
June 2002 .....	4,703.8	4,765.2	W	7,919.4	W	9,478.8	—	—	—	—	—	—
July 2001 .....	4,645.3	4,825.6	W	7,607.4	W	9,155.4	—	—	—	—	—	—
<b>Oklahoma</b>												
July 2002 .....	720.4	725.3	—	4,260.5	2,718.0	6,978.5	—	—	—	—	—	—
June 2002 .....	741.9	748.6	—	4,203.2	2,772.2	6,975.4	—	—	—	—	—	—
July 2001 .....	721.9	729.9	—	4,310.4	1,927.7	6,238.0	—	—	—	—	—	—
<b>South Dakota</b>												
July 2002 .....	NA	W	W	W	—	1,313.7	—	—	—	—	—	—
June 2002 .....	NA	W	W	W	—	1,142.6	—	—	—	—	—	—
July 2001 .....	W	19.6	W	W	—	1,326.6	—	—	—	—	—	—
<b>Tennessee</b>												
July 2002 .....	1,096.0	1,129.8	NA	8,932.9	—	9,070.7	—	—	—	—	—	—
June 2002 .....	1,162.0	1,207.4	W	W	—	9,033.0	—	—	—	—	—	—
July 2001 .....	1,256.4	1,285.5	176.8	8,815.2	—	8,992.0	—	—	—	—	—	—
<b>Wisconsin</b>												
July 2002 .....	W	W	W	5,244.0	—	W	—	—	—	W	—	W
June 2002 .....	W	W	W	4,862.5	—	W	—	—	—	W	—	W
July 2001 .....	W	W	W	5,074.9	—	W	—	—	—	W	—	W
<b>PAD District III</b>												
July 2002 .....	5,719.6	5,838.2	W	33,938.6	W	61,445.8	W	W	—	—	—	—
June 2002 .....	5,854.2	5,920.4	W	33,796.0	W	62,312.2	W	W	—	—	—	—
July 2001 .....	W	W	W	32,026.7	20,520.1	W	W	W	W	—	—	W
<b>Alabama</b>												
July 2002 .....	319.1	384.7	W	W	—	5,745.1	—	—	—	—	—	—
June 2002 .....	331.9	352.7	W	W	—	5,584.5	—	—	—	—	—	—
July 2001 .....	316.5	365.5	105.5	5,517.5	—	5,623.0	—	—	—	—	—	—
<b>Arkansas</b>												
July 2002 .....	375.2	377.2	W	3,592.1	W	3,668.2	—	—	—	—	—	—
June 2002 .....	378.0	379.0	W	3,517.8	W	3,589.8	—	—	—	—	—	—
July 2001 .....	285.3	290.9	—	W	W	3,576.5	—	—	—	—	—	—
<b>Louisiana</b>												
July 2002 .....	1,240.8	1,241.5	W	4,458.5	W	7,445.6	—	—	—	—	—	—
June 2002 .....	1,265.2	1,265.7	W	4,502.4	W	7,413.8	—	—	—	—	—	—
July 2001 .....	1,173.7	1,174.3	240.1	4,177.2	W	W	—	—	—	—	—	—
<b>Mississippi</b>												
July 2002 .....	293.9	310.5	—	W	W	4,195.3	—	—	—	—	—	—
June 2002 .....	279.3	290.1	—	W	W	4,084.4	—	—	—	—	—	—
July 2001 .....	299.5	341.0	W	3,511.0	W	4,012.9	—	—	—	—	—	—
<b>New Mexico</b>												
July 2002 .....	W	W	W	W	—	2,053.6	W	W	—	—	—	—
June 2002 .....	W	W	W	W	—	2,112.7	W	W	—	—	—	—
July 2001 .....	W	W	W	W	—	W	W	W	W	—	—	W
<b>Texas</b>												
July 2002 .....	W	W	W	W	W	38,338.0	—	—	—	—	—	—
June 2002 .....	W	W	W	W	W	39,527.0	—	—	—	—	—	—
July 2001 .....	3,190.5	3,195.5	84.4	W	W	W	—	—	—	—	—	—
<b>PAD District IV</b>												
July 2002 .....	2,284.7	2,324.7	W	W	W	W	241.6	241.7	W	W	—	W
June 2002 .....	2,304.6	2,345.3	W	W	64.9	W	248.8	248.8	W	W	—	W
July 2001 .....	W	W	786.2	W	W	9,271.3	W	W	W	W	—	1,009.3
<b>Colorado</b>												
July 2002 .....	W	1,604.6	73.2	W	W	W	W	241.7	W	W	—	W
June 2002 .....	W	1,628.7	78.9	W	W	W	W	248.8	W	W	—	W
July 2001 .....	W	W	W	W	W	3,040.4	W	W	W	W	—	1,009.3

See footnotes at end of table.

**Table 44. Refiner Motor Gasoline Volumes by Formulation, Sales Type, PAD District, and State**  
(Thousand Gallons per Day) — Continued

Geographic Area Month	Reformulated						All Formulations					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total <sup>a</sup>	DTW	Rack	Bulk	Total	Through Retail Outlets	Total <sup>a</sup>	DTW	Rack	Bulk	Total
<b>Nebraska</b>												
July 2002	-	-	-	-	-	-	59.7	59.8	W	W	-	2,073.1
June 2002	-	-	-	-	-	-	61.0	61.2	W	W	-	2,028.3
July 2001	-	-	-	-	-	-	53.5	53.6	W	W	-	2,139.4
<b>North Dakota</b>												
July 2002	-	-	-	-	-	-	NA	W	W	W	-	1,045.7
June 2002	-	-	-	-	-	-	NA	W	W	W	-	963.3
July 2001	-	-	-	-	-	-	-	W	W	W	-	1,092.1
<b>Ohio</b>												
July 2002	-	-	-	-	-	-	4,793.3	4,853.3	W	7,927.5	W	9,423.5
June 2002	-	-	-	-	-	-	4,703.8	4,765.2	W	7,919.4	W	9,478.8
July 2001	-	-	-	-	-	-	4,645.3	4,825.6	W	7,607.4	W	9,155.4
<b>Oklahoma</b>												
July 2002	-	-	-	-	-	-	720.4	725.3	-	4,260.5	2,718.0	6,978.5
June 2002	-	-	-	-	-	-	741.9	748.6	-	4,203.2	2,772.2	6,975.4
July 2001	-	-	-	-	-	-	721.9	729.9	-	4,310.4	1,927.7	6,238.0
<b>South Dakota</b>												
July 2002	-	-	-	-	-	-	NA	W	W	W	-	1,313.7
June 2002	-	-	-	-	-	-	NA	W	W	W	-	1,142.6
July 2001	-	-	-	-	-	-	W	19.6	W	W	-	1,326.6
<b>Tennessee</b>												
July 2002	-	-	-	-	-	-	1,096.0	1,129.8	NA	8,932.9	-	9,070.7
June 2002	-	-	-	-	-	-	1,162.0	1,207.4	W	W	-	9,033.0
July 2001	-	-	-	-	-	-	1,256.4	1,285.5	176.8	8,815.2	-	8,992.0
<b>Wisconsin</b>												
July 2002	W	W	W	W	-	1,707.7	491.4	498.6	W	W	-	7,093.6
June 2002	W	W	W	W	-	1,642.9	493.8	499.9	W	W	-	6,635.1
July 2001	W	W	W	W	-	1,516.8	W	W	W	W	-	6,782.5
<b>PAD District III</b>												
July 2002	W	W	W	7,452.5	W	10,521.2	9,252.8	9,404.4	1,429.7	41,391.1	29,146.1	71,966.9
June 2002	W	W	W	7,443.1	W	10,550.9	9,558.5	9,630.8	1,446.6	41,239.1	30,177.3	72,863.0
July 2001	3,671.4	3,685.4	884.2	6,958.4	1,843.7	9,686.3	9,515.6	9,643.1	1,410.3	38,985.1	22,363.8	62,759.2
<b>Alabama</b>												
July 2002	-	-	-	-	-	-	319.1	384.7	W	W	-	5,745.1
June 2002	-	-	-	-	-	-	331.9	352.7	W	W	-	5,584.5
July 2001	-	-	-	-	-	-	316.5	365.5	105.5	5,517.5	-	5,623.0
<b>Arkansas</b>												
July 2002	-	-	-	-	-	-	375.2	377.2	W	3,592.1	W	3,668.2
June 2002	-	-	-	-	-	-	378.0	379.0	W	3,517.8	W	3,589.8
July 2001	-	-	-	-	-	-	285.3	290.9	-	W	W	3,576.5
<b>Louisiana</b>												
July 2002	-	-	-	-	-	-	1,240.8	1,241.5	W	4,458.5	W	7,445.6
June 2002	-	-	-	-	-	-	1,265.2	1,265.7	W	4,502.4	W	7,413.8
July 2001	-	-	-	-	W	W	1,173.7	1,174.3	240.1	4,177.2	2,598.9	7,016.2
<b>Mississippi</b>												
July 2002	-	-	-	-	-	-	293.9	310.5	-	W	W	4,195.3
June 2002	-	-	-	-	-	-	279.3	290.1	-	W	W	4,084.4
July 2001	-	-	-	-	-	-	299.5	341.0	W	3,511.0	W	4,012.9
<b>New Mexico</b>												
July 2002	-	-	-	-	-	-	520.7	531.6	W	W	-	2,053.6
June 2002	-	-	-	-	-	-	528.4	538.4	W	W	-	2,112.7
July 2001	-	-	-	-	-	-	578.7	590.6	W	W	-	2,064.1
<b>Texas</b>												
July 2002	W	W	W	W	W	10,521.2	6,503.1	6,558.9	1,088.1	22,055.8	25,715.3	48,859.2
June 2002	W	W	W	W	W	10,550.9	6,775.7	6,804.9	1,111.5	22,156.2	26,810.2	50,077.9
July 2001	3,671.4	3,685.4	884.2	W	W	W	6,861.8	6,880.9	968.5	20,427.8	19,070.0	40,466.4
<b>PAD District IV</b>												
July 2002	-	-	-	-	-	-	2,526.3	2,566.4	W	9,710.4	W	10,784.6
June 2002	-	-	-	-	-	-	2,553.4	2,594.1	973.8	9,285.1	64.9	10,323.8
July 2001	-	-	-	-	-	-	2,587.5	2,631.5	W	9,336.3	W	10,280.6
<b>Colorado</b>												
July 2002	-	-	-	-	-	-	1,844.3	1,846.3	W	3,723.2	W	4,030.6
June 2002	-	-	-	-	-	-	1,876.5	1,877.5	W	3,608.8	W	3,888.8
July 2001	-	-	-	-	-	-	1,867.2	1,870.5	258.1	W	W	4,049.7

See footnotes at end of table.

**Table 44. Refiner Motor Gasoline Volumes by Formulation, Sales Type, PAD District, and State**

(Thousand Gallons per Day) — Continued

Geographic Area Month	Conventional						Oxygenated					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total <sup>a</sup>	DTW	Rack	Bulk	Total	Through Retail Outlets	Total <sup>a</sup>	DTW	Rack	Bulk	Total
<b>Idaho</b>												
July 2002 .....	112.3	118.9	W	W	NA	1,690.3	-	-	-	-	-	-
June 2002 .....	112.8	119.0	W	1,403.8	W	1,619.5	-	-	-	-	-	-
July 2001 .....	105.4	111.5	W	W	-	1,486.4	-	-	-	-	-	-
<b>Montana</b>												
July 2002 .....	W	18.0	-	1,674.7	-	1,674.7	-	-	-	-	-	-
June 2002 .....	W	17.3	-	1,440.8	-	1,440.8	-	-	-	-	-	-
July 2001 .....	W	17.0	-	1,673.2	-	1,673.2	-	-	-	-	-	-
<b>Utah</b>												
July 2002 .....	486.2	512.5	W	W	-	2,479.7	-	-	-	-	-	-
June 2002 .....	486.1	513.1	W	W	-	2,567.9	-	-	-	-	-	-
July 2001 .....	522.7	552.9	466.7	1,717.8	-	2,184.5	-	-	-	-	-	-
<b>Wyoming</b>												
July 2002 .....	W	70.6	W	W	-	909.3	-	-	-	-	-	-
June 2002 .....	W	67.1	W	W	-	806.9	-	-	-	-	-	-
July 2001 .....	W	79.6	-	886.7	-	886.7	-	-	-	-	-	-
<b>PAD District V</b>												
July 2002 .....	3,319.6	3,477.2	3,922.7	W	W	W	W	W	W	W	-	W
June 2002 .....	3,336.4	3,497.6	W	W	W	W	W	W	W	W	-	W
July 2001 .....	W	W	4,062.5	W	W	W	W	W	W	W	-	W
<b>Alaska</b>												
July 2002 .....	W	W	97.0	322.4	W	W	W	W	W	-	-	W
June 2002 .....	W	W	97.4	309.2	W	W	W	W	W	-	-	W
July 2001 .....	W	W	W	358.7	W	W	W	W	W	-	-	W
<b>Arizona</b>												
July 2002 .....	W	W	W	887.9	W	W	-	-	-	-	-	-
June 2002 .....	W	W	W	839.2	W	W	-	-	-	-	-	-
July 2001 .....	804.6	813.5	W	938.4	229.2	W	-	-	-	-	-	-
<b>California</b>												
July 2002 .....	-	-	-	67.4	401.2	468.5	-	-	-	-	-	-
June 2002 .....	-	-	-	W	W	329.3	-	-	-	-	-	-
July 2001 .....	-	-	-	W	W	214.8	-	-	-	-	-	-
<b>Hawaii</b>												
July 2002 .....	249.1	371.7	486.6	W	W	798.4	-	-	-	-	-	-
June 2002 .....	250.5	378.3	W	108.2	W	789.5	-	-	-	-	-	-
July 2001 .....	258.4	378.6	522.4	W	W	779.9	-	-	-	-	-	-
<b>Nevada</b>												
July 2002 .....	164.5	166.4	1,259.1	W	104.7	W	-	-	-	-	-	-
June 2002 .....	164.0	166.5	1,289.2	W	166.6	W	-	-	-	-	-	-
July 2001 .....	161.7	165.3	1,249.2	996.9	W	W	-	-	-	-	-	-
<b>Oregon</b>												
July 2002 .....	W	W	581.8	2,464.0	W	W	W	W	W	-	-	W
June 2002 .....	W	W	W	W	W	W	W	W	W	-	-	W
July 2001 .....	W	W	597.7	2,563.7	W	W	W	W	W	-	-	W
<b>Washington</b>												
July 2002 .....	W	W	W	W	NA	W	W	W	W	W	-	W
June 2002 .....	W	W	W	W	NA	W	W	W	W	W	-	W
July 2001 .....	W	W	W	W	228.1	W	W	W	W	W	-	W

See footnotes at end of table.

**Table 44. Refiner Motor Gasoline Volumes by Formulation, Sales Type, PAD District, and State**

(Thousand Gallons per Day) — Continued

Geographic Area Month	Reformulated						All Formulations					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total <sup>a</sup>	DTW	Rack	Bulk	Total	Through Retail Outlets	Total <sup>a</sup>	DTW	Rack	Bulk	Total
<b>Idaho</b>												
July 2002 .....	-	-	-	-	-	-	112.3	118.9	W	W	NA	1,690.3
June 2002 .....	-	-	-	-	-	-	112.8	119.0	W	1,403.8	W	1,619.5
July 2001 .....	-	-	-	-	-	-	105.4	111.5	W	W	-	1,486.4
<b>Montana</b>												
July 2002 .....	-	-	-	-	-	-	W	18.0	-	1,674.7	-	1,674.7
June 2002 .....	-	-	-	-	-	-	W	17.3	-	1,440.8	-	1,440.8
July 2001 .....	-	-	-	-	-	-	W	17.0	-	1,673.2	-	1,673.2
<b>Utah</b>												
July 2002 .....	-	-	-	-	-	-	486.2	512.5	W	W	-	2,479.7
June 2002 .....	-	-	-	-	-	-	486.1	513.1	W	W	-	2,567.9
July 2001 .....	-	-	-	-	-	-	522.7	552.9	466.7	1,717.8	-	2,184.5
<b>Wyoming</b>												
July 2002 .....	-	-	-	-	-	-	W	70.6	W	W	-	909.3
June 2002 .....	-	-	-	-	-	-	W	67.1	W	W	-	806.9
July 2001 .....	-	-	-	-	-	-	W	79.6	-	886.7	-	886.7
<b>PAD District V</b>												
July 2002 .....	W	W	W	W	W	34,899.3	13,954.0	14,323.4	W	16,898.2	W	50,038.1
June 2002 .....	W	W	W	W	W	34,663.7	14,204.1	14,614.3	30,046.8	15,372.7	4,159.4	49,578.9
July 2001 .....	9,510.9	9,821.2	22,648.9	W	W	36,955.7	13,046.9	13,502.9	W	17,890.5	W	53,205.4
<b>Alaska</b>												
July 2002 .....	-	-	-	-	-	-	309.2	325.7	W	322.4	W	606.5
June 2002 .....	-	-	-	-	-	-	308.9	322.3	W	309.2	W	532.0
July 2001 .....	-	-	-	-	-	-	333.5	342.8	W	358.7	W	615.5
<b>Arizona</b>												
July 2002 .....	W	W	W	W	W	W	2,741.3	2,753.3	1,654.6	W	W	3,275.0
June 2002 .....	W	W	W	W	-	W	2,787.0	2,800.4	1,723.4	W	W	3,246.3
July 2001 .....	1,728.1	1,730.6	W	496.8	-	W	2,532.6	2,544.1	1,582.6	1,435.3	229.2	3,247.0
<b>California</b>												
July 2002 .....	8,369.6	8,577.8	21,811.9	8,349.3	2,827.6	32,988.7	8,369.6	8,577.8	21,811.9	8,416.6	3,228.7	33,457.3
June 2002 .....	8,557.1	8,800.9	22,825.2	W	W	32,690.0	8,557.1	8,800.9	22,825.2	7,119.3	3,074.7	33,019.3
July 2001 .....	7,782.9	8,090.5	W	W	W	35,113.3	7,782.9	8,090.5	21,325.7	8,304.3	5,698.2	35,328.1
<b>Hawaii</b>												
July 2002 .....	-	-	-	-	-	-	249.1	371.7	486.6	W	W	798.4
June 2002 .....	-	-	-	-	-	-	250.5	378.3	W	108.2	W	789.5
July 2001 .....	-	-	-	-	-	-	258.4	378.6	522.4	W	W	779.9
<b>Nevada</b>												
July 2002 .....	-	-	-	W	-	W	164.5	166.4	1,259.1	639.0	104.7	2,002.8
June 2002 .....	-	-	-	W	-	W	164.0	166.5	1,289.2	591.0	166.6	2,046.8
July 2001 .....	-	-	-	W	-	W	161.7	165.3	1,249.2	W	W	2,445.7
<b>Oregon</b>												
July 2002 .....	-	-	-	-	-	-	565.7	567.5	W	2,464.0	W	3,735.5
June 2002 .....	-	-	-	-	-	-	559.1	560.9	1,136.1	W	W	3,719.9
July 2001 .....	-	-	-	-	-	-	565.4	566.9	W	2,563.7	W	3,988.6
<b>Washington</b>												
July 2002 .....	-	-	-	-	-	-	1,554.4	1,560.9	2,336.2	3,556.4	NA	6,162.7
June 2002 .....	-	-	-	-	-	-	1,577.4	1,585.0	2,484.7	3,459.5	NA	6,225.1
July 2001 .....	-	-	-	-	-	-	1,412.4	1,414.6	2,477.8	4,094.6	228.1	6,800.5

Dash (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

<sup>a</sup> Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Source: Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

Notes: Motor gasoline averages and totals prior to October 1993 include leaded gasoline.

Notes: Values shown for the current month are preliminary. Values shown for previous months are revised. Data are final upon publication in the *Petroleum Marketing Annual*.

**Table 45. Refiner Volumes of Aviation Fuels, Kerosene, No. 1 Distillate, and Propane (Consumer Grade) by PAD District and State**

(Thousand Gallons per Day)

Geographic Area Month	Aviation Gasoline		Kerosene-Type Jet Fuel		Kerosene		No. 1 Distillate		Propane (Consumer Grade)	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
<b>United States</b>										
July 2002 .....	92.9	793.0	53,089.5	12,451.9	58.7	1,043.0	238.5	280.6	2,203.7	25,037.8
June 2002 .....	172.8	499.0	50,499.4	9,544.5	32.7	863.2	200.5	195.4	2,903.8	29,299.6
July 2001 .....	114.3	826.8	53,687.1	13,530.2	123.5	1,793.5	197.7	248.9	3,645.6	30,164.7
<b>PAD District I</b>										
July 2002 .....	30.7	119.9	11,721.6	2,013.7	W	510.7	W	W	W	2,813.2
June 2002 .....	37.3	59.4	10,594.6	1,344.4	23.3	340.7	W	13.3	17.5	2,865.3
July 2001 .....	43.3	147.2	12,018.3	3,649.0	112.5	1,029.4	W	15.4	27.8	3,235.4
<b>Subdistrict IA</b>										
July 2002 .....	W	W	1,078.8	64.7	0.9	5.9	-	W	W	129.1
June 2002 .....	W	W	821.6	58.0	W	27.1	-	W	W	130.6
July 2001 .....	W	18.9	1,181.5	98.9	W	24.5	W	W	W	110.3
<b>Connecticut</b>										
July 2002 .....	W	W	247.6	W	W	W	-	-	-	W
June 2002 .....	-	W	W	W	W	W	-	-	-	W
July 2001 .....	-	W	W	24.5	W	W	-	W	-	W
<b>Maine</b>										
July 2002 .....	W	W	W	-	-	1.5	-	-	-	-
June 2002 .....	W	-	W	-	-	2.1	-	-	-	-
July 2001 .....	W	W	W	7.0	-	3.0	W	-	-	-
<b>Massachusetts</b>										
July 2002 .....	W	W	600.2	26.7	W	W	-	-	-	W
June 2002 .....	W	W	465.6	W	W	W	-	W	-	-
July 2001 .....	W	8.9	739.6	56.3	W	-	-	-	-	W
<b>New Hampshire</b>										
July 2002 .....	W	-	70.4	W	W	W	-	-	W	32.7
June 2002 .....	W	-	W	W	W	W	-	W	W	40.3
July 2001 .....	W	W	W	3.3	W	W	-	-	W	W
<b>Rhode Island</b>										
July 2002 .....	-	W	W	14.5	W	W	-	-	-	W
June 2002 .....	-	W	W	9.0	W	W	-	-	-	W
July 2001 .....	-	W	W	W	W	W	-	W	-	W
<b>Vermont</b>										
July 2002 .....	-	-	W	W	W	W	-	W	W	-
June 2002 .....	-	-	W	W	W	W	-	W	W	-
July 2001 .....	-	W	W	W	W	W	-	W	W	-
<b>Subdistrict IB</b>										
July 2002 .....	W	W	5,938.9	1,317.5	W	456.7	W	4.7	2.5	1,335.9
June 2002 .....	W	W	5,483.2	843.8	W	277.4	W	5.2	1.5	1,418.3
July 2001 .....	W	40.2	6,075.1	2,387.7	99.7	911.2	W	8.7	4.4	1,081.7
<b>Delaware</b>										
July 2002 .....	W	W	W	4.7	W	-	-	-	-	W
June 2002 .....	W	-	W	W	W	-	-	-	-	W
July 2001 .....	W	1.4	1.6	9.5	W	-	-	-	-	W
<b>District of Columbia</b>										
July 2002 .....	-	-	-	-	-	-	-	-	-	-
June 2002 .....	-	-	-	-	-	W	-	-	-	-
July 2001 .....	-	-	-	-	W	-	-	-	-	-
<b>Maryland</b>										
July 2002 .....	W	W	W	11.4	W	1.8	-	W	-	W
June 2002 .....	W	-	W	W	W	W	W	W	-	W
July 2001 .....	W	4.4	263.2	20.0	W	W	-	W	-	W
<b>New Jersey</b>										
July 2002 .....	W	W	2,886.4	692.9	W	365.8	-	-	-	373.6
June 2002 .....	W	W	2,487.4	357.5	W	W	-	-	-	373.8
July 2001 .....	W	10.0	2,985.4	1,818.5	W	567.7	W	-	-	W
<b>New York</b>										
July 2002 .....	NA	W	1,473.6	338.6	W	21.5	W	W	W	142.9
June 2002 .....	W	W	1,322.4	169.3	W	22.5	-	W	W	224.3
July 2001 .....	W	9.1	1,288.6	244.7	W	W	-	W	W	108.0
<b>Pennsylvania</b>										
July 2002 .....	W	8.6	1,435.4	269.8	0.3	67.6	-	3.3	W	650.8
June 2002 .....	W	5.0	1,523.4	266.5	1.2	42.4	-	2.1	W	631.3
July 2001 .....	W	15.2	1,536.3	295.0	1.9	60.5	-	5.4	W	450.4

See footnotes at end of table.

**Table 45. Refiner Volumes of Aviation Fuels, Kerosene, No. 1 Distillate, and Propane (Consumer Grade) by PAD District and State**  
(Thousand Gallons per Day) — Continued

Geographic Area Month	Aviation Gasoline		Kerosene-Type Jet Fuel		Kerosene		No. 1 Distillate		Propane (Consumer Grade)	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
<b>Subdistrict IC</b>										
July 2002 .....	18.1	77.0	4,703.9	631.6	0.4	48.1	W	W	W	1,348.2
June 2002 .....	23.4	38.4	4,289.8	442.5	1.2	36.1	W	W	W	1,316.4
July 2001 .....	23.2	88.1	4,761.8	1,162.5	W	93.7	–	W	W	2,043.4
<b>Florida</b>										
July 2002 .....	10.0	54.7	2,197.2	206.6	0.1	3.0	–	W	–	W
June 2002 .....	11.1	W	2,187.8	171.3	0.4	2.4	–	W	W	W
July 2001 .....	14.6	45.0	2,436.1	344.6	0.4	3.9	–	W	W	346.4
<b>Georgia</b>										
July 2002 .....	W	W	869.0	163.0	W	W	–	–	W	325.8
June 2002 .....	W	9.3	504.4	118.3	W	W	–	–	W	193.0
July 2001 .....	W	12.8	675.4	518.7	W	1.5	–	–	W	405.7
<b>North Carolina</b>										
July 2002 .....	W	3.7	515.4	69.2	–	21.4	–	W	W	337.5
June 2002 .....	W	3.0	485.6	59.7	–	17.2	–	W	–	232.3
July 2001 .....	W	10.9	526.7	106.0	W	44.8	–	W	W	650.9
<b>South Carolina</b>										
July 2002 .....	0.9	2.9	127.6	W	W	10.3	–	W	W	215.0
June 2002 .....	W	W	94.9	W	W	8.0	–	W	W	174.9
July 2001 .....	1.2	5.5	W	42.1	W	12.0	–	W	W	278.2
<b>Virginia</b>										
July 2002 .....	W	2.5	976.3	148.1	W	11.8	W	W	W	106.1
June 2002 .....	W	W	995.7	48.6	0.1	7.2	W	W	W	383.7
July 2001 .....	W	12.8	972.4	147.0	W	31.4	–	W	W	W
<b>West Virginia</b>										
July 2002 .....	W	W	18.4	W	W	W	–	–	–	W
June 2002 .....	W	–	21.3	W	W	W	–	–	–	W
July 2001 .....	W	1.1	W	4.1	W	–	–	–	–	W
<b>PAD District II</b>										
July 2002 .....	13.5	281.6	10,596.9	1,325.8	5.5	38.3	132.0	115.1	W	6,138.7
June 2002 .....	W	124.7	8,601.9	1,170.1	7.1	38.8	129.8	99.1	179.9	5,713.7
July 2001 .....	20.4	252.9	10,490.9	1,510.0	8.4	47.1	122.9	138.7	52.7	7,018.8
<b>Illinois</b>										
July 2002 .....	W	W	1,616.3	32.8	W	3.2	W	12.2	W	952.7
June 2002 .....	W	W	1,458.9	106.5	W	3.7	W	13.5	W	630.0
July 2001 .....	W	W	2,242.3	85.9	W	5.2	W	10.9	2.8	872.0
<b>Indiana</b>										
July 2002 .....	–	W	1,117.9	144.1	W	2.9	W	14.3	W	202.4
June 2002 .....	W	4.1	782.7	W	W	2.7	W	12.4	W	119.9
July 2001 .....	W	10.8	1,074.6	144.8	W	4.8	W	19.6	W	182.3
<b>Iowa</b>										
July 2002 .....	–	W	53.7	35.9	–	W	W	9.4	W	206.5
June 2002 .....	W	W	48.8	27.6	–	W	W	9.5	W	156.2
July 2001 .....	W	17.7	49.2	27.4	W	1.8	W	13.7	W	266.9
<b>Kansas</b>										
July 2002 .....	W	14.7	119.5	34.0	–	W	W	12.1	–	1,832.4
June 2002 .....	W	6.7	191.7	50.3	–	W	W	10.4	W	2,173.8
July 2001 .....	W	16.7	222.1	22.0	–	W	W	7.0	–	2,364.8
<b>Kentucky</b>										
July 2002 .....	W	W	W	25.1	W	W	W	W	W	281.7
June 2002 .....	W	W	593.1	24.3	W	W	W	W	W	193.6
July 2001 .....	W	3.3	536.0	18.9	W	5.2	W	W	W	394.7
<b>Michigan</b>										
July 2002 .....	W	4.3	W	101.9	W	W	W	13.7	W	459.1
June 2002 .....	W	W	138.3	87.3	W	W	W	W	–	482.1
July 2001 .....	0.8	9.2	582.0	110.2	W	5.5	W	14.1	W	400.1
<b>Minnesota</b>										
July 2002 .....	W	81.5	1,107.2	45.5	–	W	W	6.3	W	334.8
June 2002 .....	W	W	1,078.7	36.4	–	W	W	5.4	W	267.1
July 2001 .....	W	71.0	1,231.4	51.0	–	W	W	13.4	W	417.1
<b>Missouri</b>										
July 2002 .....	W	5.8	1,338.6	37.8	–	0.2	W	6.3	W	232.5
June 2002 .....	W	W	1,032.2	W	–	W	W	2.7	W	170.7
July 2001 .....	W	14.1	981.7	59.2	–	0.6	W	14.0	W	296.5

See footnotes at end of table.

**Table 45. Refiner Volumes of Aviation Fuels, Kerosene, No. 1 Distillate, and Propane (Consumer Grade) by PAD District and State**

(Thousand Gallons per Day) — Continued

Geographic Area Month	Aviation Gasoline		Kerosene-Type Jet Fuel		Kerosene		No. 1 Distillate		Propane (Consumer Grade)	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
<b>Nebraska</b>										
July 2002 .....	—	21.0	174.8	18.1	—	—	—	1.6	W	W
June 2002 .....	W	5.9	146.6	8.7	—	W	—	0.9	W	71.0
July 2001 .....	W	10.3	88.9	19.2	—	—	—	0.1	W	397.5
<b>North Dakota</b>										
July 2002 .....	W	W	NA	7.5	—	—	—	2.2	W	106.3
June 2002 .....	W	W	W	14.4	—	—	—	1.9	W	64.7
July 2001 .....	1.3	2.6	65.6	16.6	—	W	—	3.6	W	198.1
<b>Ohio</b>										
July 2002 .....	W	38.1	1,520.4	460.0	W	11.9	W	W	W	376.8
June 2002 .....	W	12.5	1,087.2	W	W	9.3	W	W	W	537.4
July 2001 .....	W	40.1	1,577.2	431.4	W	13.4	W	W	W	405.8
<b>Oklahoma</b>										
July 2002 .....	W	26.8	381.7	238.0	—	W	—	W	—	225.1
June 2002 .....	W	5.9	551.6	214.9	—	W	—	W	—	315.2
July 2001 .....	3.1	11.6	487.0	353.7	—	0.6	—	W	—	435.8
<b>South Dakota</b>										
July 2002 .....	W	14.5	10.3	16.2	—	—	—	0.4	W	W
June 2002 .....	W	9.9	15.4	11.7	—	—	—	0.5	W	13.9
July 2001 .....	W	W	20.7	12.9	—	W	—	2.6	W	29.1
<b>Tennessee</b>										
July 2002 .....	W	13.4	1,294.3	101.8	W	10.7	—	W	W	500.3
June 2002 .....	W	11.2	1,343.3	100.6	W	10.1	—	W	W	363.5
July 2001 .....	W	8.9	1,100.0	104.2	W	4.5	—	—	—	145.5
<b>Wisconsin</b>										
July 2002 .....	—	W	W	27.1	—	1.1	W	12.4	W	157.0
June 2002 .....	W	W	W	W	—	1.3	W	12.5	W	154.4
July 2001 .....	—	W	232.1	52.7	—	1.2	W	15.3	W	212.5
<b>PAD District III</b>										
July 2002 .....	10.2	133.8	12,555.1	6,137.9	W	489.3	—	W	2,078.4	13,461.4
June 2002 .....	31.0	91.9	13,157.1	4,688.7	W	477.0	—	0.8	2,641.6	18,409.4
July 2001 .....	16.2	116.4	12,518.2	6,005.4	W	708.6	—	1.0	3,519.3	17,543.0
<b>Alabama</b>										
July 2002 .....	W	W	165.8	74.3	—	W	—	W	W	72.3
June 2002 .....	W	W	172.1	68.6	—	2.9	—	—	W	61.2
July 2001 .....	W	8.3	225.1	155.3	—	3.2	—	—	W	W
<b>Arkansas</b>										
July 2002 .....	W	W	W	37.7	—	—	—	—	W	45.0
June 2002 .....	—	W	W	22.9	—	—	—	—	W	36.9
July 2001 .....	W	W	W	W	—	—	—	—	W	W
<b>Louisiana</b>										
July 2002 .....	W	4.7	2,727.8	806.4	W	W	—	W	756.4	928.9
June 2002 .....	W	6.7	2,394.2	1,025.2	W	W	—	—	834.6	1,073.1
July 2001 .....	2.2	5.9	2,310.8	1,690.9	W	W	—	—	576.0	860.7
<b>Mississippi</b>										
July 2002 .....	W	10.9	W	W	W	W	—	—	W	270.5
June 2002 .....	W	5.9	623.5	110.1	W	W	—	—	W	178.0
July 2001 .....	W	9.1	1,028.8	519.2	W	W	—	—	W	770.2
<b>New Mexico</b>										
July 2002 .....	W	6.8	159.9	W	—	W	—	—	W	393.0
June 2002 .....	W	7.0	W	6.1	—	W	—	—	W	311.5
July 2001 .....	W	W	W	W	—	W	—	W	W	391.8
<b>Texas</b>										
July 2002 .....	2.9	102.5	8,735.1	5,164.6	—	118.4	—	W	1,275.2	11,751.6
June 2002 .....	16.3	64.3	9,722.3	3,455.7	—	82.9	—	0.8	1,754.0	16,748.7
July 2001 .....	6.5	72.4	8,606.8	3,516.3	W	5.5	—	W	2,893.2	15,329.5
<b>PAD District IV</b>										
July 2002 .....	3.6	56.3	1,309.8	313.5	—	1.0	W	25.9	23.0	717.6
June 2002 .....	W	48.6	1,370.6	277.2	—	W	W	26.2	24.7	651.1
July 2001 .....	6.1	56.0	1,683.5	173.2	—	0.8	W	30.4	10.8	829.4
<b>Colorado</b>										
July 2002 .....	W	24.5	651.3	101.0	—	1.0	W	6.2	—	181.1
June 2002 .....	W	19.5	648.5	103.7	—	W	W	4.7	—	167.6
July 2001 .....	W	21.4	772.1	93.0	—	W	W	6.5	—	231.9

See footnotes at end of table.

**Table 45. Refiner Volumes of Aviation Fuels, Kerosene, No. 1 Distillate, and Propane (Consumer Grade) by PAD District and State**  
(Thousand Gallons per Day) — Continued

Geographic Area Month	Aviation Gasoline		Kerosene-Type Jet Fuel		Kerosene		No. 1 Distillate		Propane (Consumer Grade)	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
<b>Idaho</b>										
July 2002 .....	W	W	60.5	25.0	-	-	W	7.5	W	W
June 2002 .....	W	W	W	17.3	-	-	-	7.6	W	W
July 2001 .....	W	W	68.8	12.0	-	-	-	9.7	W	W
<b>Montana</b>										
July 2002 .....	-	10.2	71.7	W	-	-	-	8.4	W	167.6
June 2002 .....	-	W	57.3	W	-	-	-	9.5	W	152.0
July 2001 .....	W	W	65.3	16.9	-	-	-	10.8	W	157.2
<b>Utah</b>										
July 2002 .....	-	W	450.5	NA	-	-	W	1.8	W	W
June 2002 .....	-	W	509.9	NA	-	-	W	1.4	W	W
July 2001 .....	W	11.7	685.4	48.4	-	W	W	W	W	W
<b>Wyoming</b>										
July 2002 .....	W	2.7	75.8	W	-	-	-	2.1	6.1	285.7
June 2002 .....	W	1.3	W	W	-	-	W	3.0	2.8	270.1
July 2001 .....	W	2.9	91.9	2.9	-	-	-	W	3.8	343.0
<b>PAD District V</b>										
July 2002 .....	34.9	201.4	16,906.1	2,660.9	-	3.7	99.6	53.6	42.3	1,907.0
June 2002 .....	39.8	174.4	16,775.3	2,064.2	W	W	65.0	56.0	40.1	1,660.1
July 2001 .....	28.4	254.3	16,976.2	2,192.6	W	7.6	72.5	63.4	34.9	1,538.1
<b>Alaska</b>										
July 2002 .....	W	W	2,869.5	809.3	-	-	W	43.5	W	NA
June 2002 .....	W	W	2,693.4	269.5	W	-	W	46.1	W	W
July 2001 .....	12.8	106.7	2,430.4	611.9	W	-	72.3	47.1	2.2	W
<b>Arizona</b>										
July 2002 .....	W	20.3	866.8	87.5	-	-	-	-	-	207.2
June 2002 .....	W	W	1,022.6	120.2	-	-	-	-	-	72.7
July 2001 .....	W	17.6	709.0	104.4	-	W	-	-	W	108.1
<b>California</b>										
July 2002 .....	W	58.5	8,842.4	1,431.2	-	2.3	-	-	W	1,321.6
June 2002 .....	10.2	53.5	8,922.8	1,380.8	-	2.7	-	-	W	1,229.4
July 2001 .....	10.5	78.5	9,552.0	1,083.2	-	W	-	-	W	929.3
<b>Hawaii</b>										
July 2002 .....	-	W	W	W	-	-	-	-	W	W
June 2002 .....	-	W	W	W	-	-	-	-	W	W
July 2001 .....	-	W	W	W	-	-	-	-	W	W
<b>Nevada</b>										
July 2002 .....	W	W	783.5	95.2	-	-	-	-	W	108.7
June 2002 .....	W	W	825.4	74.8	-	-	-	-	W	W
July 2001 .....	W	9.8	791.9	96.4	-	-	-	-	-	106.5
<b>Oregon</b>										
July 2002 .....	W	W	W	W	-	W	W	1.0	W	W
June 2002 .....	W	W	W	W	-	W	W	0.7	W	W
July 2001 .....	W	W	W	W	-	W	W	1.2	W	24.9
<b>Washington</b>										
July 2002 .....	W	W	1,795.1	176.6	-	W	W	9.2	W	125.5
June 2002 .....	W	W	1,717.9	159.2	-	W	W	9.2	W	123.8
July 2001 .....	W	W	1,964.8	222.5	-	W	W	15.0	W	254.0

Dash (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: PAD District and U.S. totals equal the sum of the volumes for all States. In certain PAD Districts, however, volumes are not shown for every State.

Notes: Values shown for the current month are preliminary. Values shown for previous months are revised. Data are final upon publication in the *Petroleum Marketing Annual*.

Source: Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

**Table 46. Refiner No. 2 Distillate, Diesel Fuel, and Fuel Oil Volumes by PAD District and State**  
(Thousand Gallons per Day)

Geographic Area Month	No. 2 Diesel Fuel						No. 2 Fuel Oil		No. 2 Distillate	
	Low-Sulfur		High-Sulfur		Total		Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale				
<b>United States</b>										
July 2002 .....	12,766.1	91,504.4	5,941.3	11,401.3	18,707.4	102,905.7	2,765.8	17,857.9	21,473.2	120,763.6
June 2002 .....	12,816.4	92,082.5	6,109.1	11,147.6	18,925.5	103,230.1	2,762.9	16,969.4	21,688.4	120,199.5
July 2001 .....	16,065.3	88,708.8	6,690.3	13,536.2	22,755.6	102,245.0	2,338.2	18,430.1	25,093.8	120,675.2
<b>PAD District I</b>										
July 2002 .....	3,912.8	18,355.5	539.8	1,919.3	4,452.6	20,274.8	1,155.6	9,037.0	5,608.3	29,311.8
June 2002 .....	3,893.9	18,336.9	551.5	1,969.0	4,445.4	20,306.0	1,026.2	8,529.6	5,471.6	28,835.5
July 2001 .....	4,779.9	19,196.7	843.2	2,677.9	5,623.2	21,874.6	899.1	9,600.8	6,522.3	31,475.4
<b>Subdistrict IA</b>										
July 2002 .....	W	W	W	W	267.8	1,144.9	21.4	813.7	289.2	1,958.6
June 2002 .....	W	W	W	W	260.0	1,199.9	27.6	1,282.4	287.6	2,482.4
July 2001 .....	W	W	W	W	250.0	1,387.0	19.1	1,451.2	269.0	2,838.2
<b>Connecticut</b>										
July 2002 .....	W	W	-	W	W	311.1	W	237.4	78.6	548.5
June 2002 .....	W	W	-	W	W	349.3	W	306.8	85.2	656.1
July 2001 .....	W	460.0	-	NA	W	547.3	W	544.4	69.0	1,091.6
<b>Maine</b>										
July 2002 .....	W	250.8	-	-	W	250.8	W	157.0	W	407.8
June 2002 .....	W	W	-	W	W	243.1	W	216.7	W	459.8
July 2001 .....	W	W	-	W	W	199.6	-	214.2	W	413.7
<b>Massachusetts</b>										
July 2002 .....	107.1	W	W	W	W	293.2	W	201.5	114.7	494.7
June 2002 .....	100.3	W	W	W	W	316.8	W	496.2	107.0	813.0
July 2001 .....	89.4	W	W	W	W	331.7	W	341.8	110.8	673.5
<b>New Hampshire</b>										
July 2002 .....	W	W	-	-	W	W	W	W	W	W
June 2002 .....	21.1	71.4	W	W	W	W	W	W	W	115.9
July 2001 .....	W	71.6	W	NA	14.2	71.7	2.9	W	W	W
<b>Rhode Island</b>										
July 2002 .....	W	147.6	-	-	W	147.6	W	99.8	26.4	247.5
June 2002 .....	W	147.5	-	-	W	147.5	W	151.0	27.7	298.4
July 2001 .....	22.3	W	W	W	W	161.7	W	245.1	26.4	406.8
<b>Vermont</b>										
July 2002 .....	15.8	W	W	W	W	W	W	W	36.3	W
June 2002 .....	14.1	70.9	W	W	W	W	W	W	36.6	139.1
July 2001 .....	13.9	W	W	W	W	75.1	W	W	32.9	W
<b>Subdistrict IB</b>										
July 2002 .....	W	W	W	W	1,617.2	8,438.1	396.5	6,422.5	2,013.7	14,860.6
June 2002 .....	W	W	W	W	1,538.6	8,025.4	254.0	5,163.3	1,792.6	13,188.7
July 2001 .....	W	W	W	W	1,633.0	9,361.3	462.7	6,496.5	2,095.7	15,857.8
<b>Delaware</b>										
July 2002 .....	W	W	-	-	W	W	W	W	W	263.9
June 2002 .....	W	W	-	-	W	W	W	W	W	264.5
July 2001 .....	33.5	W	W	-	W	W	W	W	W	266.8
<b>District of Columbia</b>										
July 2002 .....	W	4.8	-	-	W	4.8	W	-	W	4.8
June 2002 .....	W	3.3	-	-	W	3.3	-	-	W	3.3
July 2001 .....	W	W	-	-	W	W	W	W	W	8.7
<b>Maryland</b>										
July 2002 .....	134.7	697.2	W	W	W	W	W	W	245.1	869.2
June 2002 .....	135.3	560.4	W	W	W	W	W	W	216.9	772.5
July 2001 .....	W	791.1	W	32.1	142.0	823.2	27.4	196.5	169.4	1,019.6
<b>New Jersey</b>										
July 2002 .....	395.2	W	W	W	W	3,419.1	W	2,438.4	552.0	5,857.5
June 2002 .....	388.4	W	W	W	W	3,163.2	W	2,199.0	551.8	5,362.2
July 2001 .....	428.5	3,094.7	W	NA	W	3,702.3	W	3,248.4	603.3	6,950.7
<b>New York</b>										
July 2002 .....	307.9	W	21.5	W	329.3	1,350.6	77.5	1,732.1	406.9	3,082.7
June 2002 .....	301.2	1,372.6	6.7	-	307.9	1,372.6	80.0	1,412.2	387.9	2,784.8
July 2001 .....	322.6	W	28.9	W	351.5	1,177.4	220.8	1,167.7	572.3	2,345.1
<b>Pennsylvania</b>										
July 2002 .....	572.1	W	7.9	W	580.0	2,742.7	190.4	2,039.8	770.4	4,782.5
June 2002 .....	W	W	W	W	500.1	2,694.1	99.8	1,307.4	599.9	4,001.5
July 2001 .....	539.8	3,392.7	9.8	NA	549.6	3,422.4	163.1	1,844.5	712.7	5,266.9

See footnotes at end of table.

**Table 46. Refiner No. 2 Distillate, Diesel Fuel, and Fuel Oil Volumes by PAD District and State**  
(Thousand Gallons per Day) — Continued

Geographic Area Month	No. 2 Diesel Fuel						No. 2 Fuel Oil		No. 2 Distillate	
	Low-Sulfur		High-Sulfur		Total		Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale				
<b>Subdistrict IC</b>										
July 2002 .....	2,211.8	9,428.1	355.8	1,263.7	2,567.6	10,691.8	737.8	1,800.9	3,305.4	12,492.7
June 2002 .....	2,295.3	9,839.5	351.5	1,241.2	2,646.8	11,080.6	744.6	2,083.8	3,391.4	13,164.4
July 2001 .....	3,116.6	9,242.1	623.6	1,884.2	3,740.2	11,126.3	417.3	1,653.2	4,157.5	12,779.5
<b>Florida</b>										
July 2002 .....	960.3	2,464.5	147.5	622.6	1,107.8	3,087.1	133.9	436.0	1,241.7	3,523.1
June 2002 .....	1,045.1	2,634.8	119.7	542.5	1,164.8	3,177.3	168.1	434.8	1,332.9	3,612.1
July 2001 .....	1,127.4	2,423.7	140.2	793.8	1,267.6	3,217.5	77.0	369.5	1,344.5	3,587.1
<b>Georgia</b>										
July 2002 .....	W	2,041.5	W	170.9	529.0	2,212.4	177.8	231.1	706.8	2,443.5
June 2002 .....	W	2,113.7	W	170.1	551.0	2,283.7	169.2	531.5	720.1	2,815.2
July 2001 .....	904.8	1,977.8	157.7	238.2	1,062.5	2,215.9	31.6	268.9	1,094.1	2,484.8
<b>North Carolina</b>										
July 2002 .....	W	1,818.1	W	205.2	387.1	2,023.3	102.9	267.4	490.0	2,290.7
June 2002 .....	180.4	1,864.5	161.4	217.1	341.8	2,081.6	104.8	261.2	446.6	2,342.8
July 2001 .....	327.8	1,786.6	191.0	387.0	518.8	2,173.6	45.5	237.5	564.4	2,411.1
<b>South Carolina</b>										
July 2002 .....	223.9	851.2	W	W	W	W	W	W	272.8	1,054.7
June 2002 .....	W	884.3	W	W	280.0	W	40.0	W	320.0	1,103.3
July 2001 .....	391.9	835.1	36.6	W	428.6	W	30.4	W	459.0	1,088.1
<b>Virginia</b>										
July 2002 .....	192.1	1,902.5	36.3	183.3	228.4	2,085.8	83.5	541.9	311.9	2,627.7
June 2002 .....	177.9	1,950.7	47.0	214.0	224.9	2,164.7	83.2	527.0	308.0	2,691.7
July 2001 .....	W	1,879.9	W	269.8	387.3	2,149.7	108.6	543.5	495.9	2,693.2
<b>West Virginia</b>										
July 2002 .....	76.9	350.3	W	W	W	W	W	W	282.2	552.9
June 2002 .....	W	391.4	W	W	84.4	W	179.4	W	263.8	599.4
July 2001 .....	W	339.1	W	W	75.5	W	124.2	W	199.6	515.2
<b>PAD District II</b>										
July 2002 .....	3,692.3	28,935.5	2,131.7	2,628.5	5,824.0	31,563.9	849.0	3,847.4	6,673.0	35,411.4
June 2002 .....	3,660.0	29,624.8	2,352.8	2,767.6	6,012.8	32,392.4	885.1	3,905.7	6,897.9	36,298.1
July 2001 .....	5,436.1	27,067.3	1,805.9	3,024.2	7,242.0	30,091.5	1,028.7	4,401.1	8,270.7	34,492.6
<b>Illinois</b>										
July 2002 .....	W	3,198.6	W	189.9	661.9	3,388.5	82.6	764.6	744.5	4,153.1
June 2002 .....	W	3,777.6	W	258.5	653.2	4,036.1	72.3	732.0	725.5	4,768.1
July 2001 .....	W	3,156.2	W	257.6	752.8	3,413.8	119.2	965.9	872.0	4,379.7
<b>Indiana</b>										
July 2002 .....	469.2	2,317.4	W	321.1	W	2,638.5	W	365.7	710.3	3,004.1
June 2002 .....	W	2,447.3	W	422.2	688.5	2,869.5	43.8	368.3	732.3	3,237.8
July 2001 .....	853.4	2,240.5	205.5	317.5	1,059.0	2,558.1	42.4	343.6	1,101.3	2,901.7
<b>Iowa</b>										
July 2002 .....	W	1,650.1	W	41.9	92.4	1,692.0	5.3	68.9	97.6	1,760.8
June 2002 .....	87.3	1,532.8	W	54.5	W	1,587.3	W	82.1	109.1	1,669.4
July 2001 .....	146.3	1,525.0	W	79.1	W	1,604.1	W	79.0	156.2	1,683.1
<b>Kansas</b>										
July 2002 .....	130.4	2,045.2	W	73.1	W	2,118.3	W	103.1	282.3	2,221.4
June 2002 .....	W	2,137.7	247.2	198.2	W	2,335.9	W	103.7	372.9	2,439.6
July 2001 .....	W	2,119.1	81.8	140.8	W	2,260.0	W	121.4	251.8	2,381.4
<b>Kentucky</b>										
July 2002 .....	282.2	1,448.0	W	313.9	W	1,761.9	W	463.8	571.4	2,225.7
June 2002 .....	294.8	1,555.9	W	362.9	W	1,918.8	W	468.3	584.7	2,387.1
July 2001 .....	518.6	1,231.6	19.4	329.2	538.0	1,560.8	296.3	419.6	834.3	1,980.5
<b>Michigan</b>										
July 2002 .....	229.3	2,190.3	W	135.7	W	2,325.9	W	360.2	266.2	2,686.2
June 2002 .....	216.3	2,251.8	W	80.9	W	2,332.7	W	341.8	312.0	2,674.5
July 2001 .....	W	2,016.2	W	75.4	419.3	2,091.6	53.0	392.9	472.3	2,484.5
<b>Minnesota</b>										
July 2002 .....	146.1	1,865.0	W	168.2	W	2,033.2	W	120.6	288.7	2,153.8
June 2002 .....	137.3	1,724.7	W	W	W	W	W	W	273.8	2,005.4
July 2001 .....	153.1	1,743.4	W	214.5	W	1,957.9	W	152.0	276.5	2,109.8
<b>Missouri</b>										
July 2002 .....	200.4	1,763.6	W	71.5	W	1,835.1	W	54.3	237.7	1,889.3
June 2002 .....	195.5	1,811.9	W	103.8	W	1,915.7	W	65.7	237.3	1,981.4
July 2001 .....	250.5	2,021.9	W	125.5	W	2,147.4	W	88.6	280.0	2,236.0

See footnotes at end of table.

**Table 46. Refiner No. 2 Distillate, Diesel Fuel, and Fuel Oil Volumes by PAD District and State**

(Thousand Gallons per Day) — Continued

Geographic Area Month	No. 2 Diesel Fuel						No. 2 Fuel Oil		No. 2 Distillate	
	Low-Sulfur		High-Sulfur		Total		Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale				
<b>Nebraska</b>										
July 2002 .....	W	1,585.3	—	331.7	W	1,917.0	W	154.1	38.7	2,071.1
June 2002 .....	W	1,193.2	—	172.1	W	1,365.3	W	69.1	42.3	1,434.4
July 2001 .....	W	1,270.6	—	239.0	W	1,509.6	W	98.1	36.8	1,607.7
<b>North Dakota</b>										
July 2002 .....	W	638.6	NA	W	W	W	W	W	NA	707.7
June 2002 .....	W	546.5	NA	W	W	W	W	W	W	610.8
July 2001 .....	W	631.3	W	W	10.6	W	W	W	W	797.6
<b>Ohio</b>										
July 2002 .....	714.4	W	W	W	W	2,688.6	W	602.8	1,265.5	3,291.4
June 2002 .....	695.2	W	W	W	W	2,610.7	W	545.1	1,293.7	3,155.8
July 2001 .....	1,336.0	W	W	W	W	2,277.0	W	727.4	1,907.1	3,004.4
<b>Oklahoma</b>										
July 2002 .....	W	W	926.2	297.1	W	W	W	W	1,078.6	3,535.2
June 2002 .....	W	W	947.0	294.6	W	W	W	W	1,124.3	4,400.1
July 2001 .....	170.8	W	W	189.4	W	W	W	W	880.6	3,032.8
<b>South Dakota</b>										
July 2002 .....	W	616.8	—	W	W	W	W	W	11.4	663.4
June 2002 .....	W	523.4	—	W	W	W	W	W	W	561.4
July 2001 .....	W	666.4	—	W	W	W	W	W	W	716.5
<b>Tennessee</b>										
July 2002 .....	557.3	2,060.5	165.1	490.8	722.4	2,551.3	67.3	319.3	789.6	2,870.5
June 2002 .....	571.7	2,069.8	135.8	443.6	707.5	2,513.4	76.8	286.8	784.3	2,800.3
July 2001 .....	690.9	2,122.0	158.1	577.4	849.1	2,699.5	59.5	378.8	908.5	3,078.3
<b>Wisconsin</b>										
July 2002 .....	W	1,955.7	W	97.9	167.1	2,053.7	—	123.9	167.1	2,177.6
June 2002 .....	117.7	1,733.7	W	101.0	W	1,834.7	W	337.3	156.3	2,172.0
July 2001 .....	155.8	1,656.6	W	156.4	W	1,813.0	W	285.6	190.3	2,098.6
<b>PAD District III</b>										
July 2002 .....	1,643.3	26,065.3	1,675.3	4,509.0	3,318.6	30,574.3	648.9	4,874.5	3,967.5	35,448.8
June 2002 .....	W	26,331.9	1,819.0	4,279.7	W	30,611.6	W	4,456.5	4,214.1	35,068.1
July 2001 .....	2,179.5	23,550.9	1,913.1	5,699.2	4,092.6	29,250.1	172.7	4,226.9	4,265.3	33,477.0
<b>Alabama</b>										
July 2002 .....	W	1,159.6	W	187.4	208.1	1,347.0	37.7	160.4	245.8	1,507.4
June 2002 .....	147.1	1,194.8	46.9	245.4	194.0	1,440.2	18.8	148.3	212.8	1,588.5
July 2001 .....	253.6	1,198.2	59.8	174.7	313.4	1,372.9	39.2	186.7	352.6	1,559.6
<b>Arkansas</b>										
July 2002 .....	132.8	1,376.7	W	614.8	W	1,991.5	W	39.6	345.7	2,031.0
June 2002 .....	W	1,321.1	180.5	624.1	W	1,945.2	W	42.5	328.3	1,987.7
July 2001 .....	171.6	1,193.1	W	787.3	W	1,980.4	W	22.8	327.1	2,003.2
<b>Louisiana</b>										
July 2002 .....	87.3	2,082.2	W	1,697.1	W	3,779.3	W	2,006.1	935.5	5,785.4
June 2002 .....	89.7	1,651.1	W	1,351.2	W	3,002.3	W	2,063.8	1,091.7	5,066.1
July 2001 .....	173.8	2,131.4	310.5	2,742.0	484.4	4,873.4	65.1	1,612.6	549.5	6,486.1
<b>Mississippi</b>										
July 2002 .....	107.8	1,302.2	49.0	602.1	156.8	1,904.3	—	266.8	156.8	2,171.1
June 2002 .....	102.8	1,015.4	53.4	728.6	156.2	1,744.0	—	216.8	156.2	1,960.8
July 2001 .....	W	1,306.5	W	811.3	W	2,117.8	W	207.5	311.3	2,325.3
<b>New Mexico</b>										
July 2002 .....	140.0	910.4	—	62.5	140.0	972.9	—	—	140.0	972.9
June 2002 .....	W	964.0	W	69.2	146.4	1,033.2	—	—	146.4	1,033.2
July 2001 .....	W	1,022.4	W	101.8	137.1	1,124.2	—	—	137.1	1,124.2
<b>Texas</b>										
July 2002 .....	W	19,234.2	1,086.4	1,345.1	W	20,579.3	W	2,401.6	2,143.7	22,981.0
June 2002 .....	W	20,185.4	1,243.6	1,261.3	W	21,446.7	W	1,985.1	2,278.7	23,431.8
July 2001 .....	1,187.7	16,699.4	1,334.1	1,082.1	2,521.8	17,781.5	65.9	2,197.2	2,587.7	19,978.7
<b>PAD District IV</b>										
July 2002 .....	1,179.3	4,672.1	W	W	W	W	W	W	1,711.9	5,051.4
June 2002 .....	W	4,449.2	W	W	W	W	W	W	1,671.7	4,812.2
July 2001 .....	1,163.4	4,677.4	W	W	W	W	W	W	1,771.5	5,000.7
<b>Colorado</b>										
July 2002 .....	W	1,444.8	W	W	416.7	W	—	W	416.7	1,534.4
June 2002 .....	W	W	W	W	413.2	W	—	W	413.2	1,509.9
July 2001 .....	229.9	1,545.9	W	W	W	W	W	W	404.8	1,572.2

See footnotes at end of table.

**Table 46. Refiner No. 2 Distillate, Diesel Fuel, and Fuel Oil Volumes by PAD District and State**

(Thousand Gallons per Day) — Continued

Geographic Area Month	No. 2 Diesel Fuel						No. 2 Fuel Oil		No. 2 Distillate	
	Low-Sulfur		High-Sulfur		Total		Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale				
<b>Idaho</b>										
July 2002 .....	53.4	640.4	W	145.2	W	785.5	W	—	125.2	785.5
June 2002 .....	34.0	603.2	W	138.4	W	741.6	W	—	110.0	741.6
July 2001 .....	W	W	W	W	98.2	W	—	W	98.2	774.4
<b>Montana</b>										
July 2002 .....	W	764.8	—	—	W	764.8	W	—	199.5	764.8
June 2002 .....	W	637.7	—	—	W	637.7	W	—	196.1	637.7
July 2001 .....	W	W	—	—	W	W	W	W	217.2	728.6
<b>Utah</b>										
July 2002 .....	W	1,068.5	W	141.0	365.9	1,209.5	—	—	365.9	1,209.5
June 2002 .....	280.7	1,028.4	W	W	W	W	W	W	342.2	1,174.8
July 2001 .....	W	1,023.7	W	W	W	W	W	W	430.9	1,145.5
<b>Wyoming</b>										
July 2002 .....	W	753.6	W	3.5	604.7	757.2	—	—	604.7	757.2
June 2002 .....	W	W	W	W	610.3	748.1	—	—	610.3	748.1
July 2001 .....	368.7	755.5	W	W	W	W	W	W	620.3	779.9
<b>PAD District V</b>										
July 2002 .....	2,338.5	13,476.0	W	W	W	W	W	W	3,512.5	15,540.2
June 2002 .....	2,488.7	13,339.7	W	W	W	W	W	W	3,433.2	15,185.6
July 2001 .....	2,506.4	14,216.5	W	W	W	W	W	W	4,264.0	16,229.4
<b>Alaska</b>										
July 2002 .....	W	W	118.5	W	W	624.9	W	74.7	234.5	699.6
June 2002 .....	W	W	76.4	W	W	488.0	W	60.3	177.6	548.3
July 2001 .....	W	W	W	W	126.7	533.5	100.1	108.8	226.8	642.3
<b>Arizona</b>										
July 2002 .....	W	W	W	W	466.4	932.8	—	—	466.4	932.8
June 2002 .....	W	W	W	W	453.3	909.8	—	—	453.3	909.8
July 2001 .....	W	864.6	W	W	489.1	W	—	W	489.1	868.2
<b>California</b>										
July 2002 .....	W	8,676.2	W	—	1,622.5	8,676.2	—	—	1,622.5	8,676.2
June 2002 .....	W	W	W	W	1,737.3	8,580.4	—	—	1,737.3	8,580.4
July 2001 .....	W	W	W	W	1,868.5	9,066.2	—	—	1,868.5	9,066.2
<b>Hawaii</b>										
July 2002 .....	51.6	W	W	W	W	209.4	—	—	W	209.4
June 2002 .....	48.0	W	340.0	W	388.0	202.9	—	—	388.0	202.9
July 2001 .....	49.3	W	W	W	W	166.5	—	—	W	166.5
<b>Nevada</b>										
July 2002 .....	W	W	W	W	136.2	649.5	—	—	W	649.5
June 2002 .....	W	W	W	W	147.6	654.0	—	—	147.6	654.0
July 2001 .....	47.0	W	W	2.4	W	W	W	W	W	826.8
<b>Oregon</b>										
July 2002 .....	W	1,308.1	W	375.2	219.1	1,683.3	—	—	219.1	1,683.3
June 2002 .....	55.0	1,236.1	175.0	317.4	230.1	1,553.5	—	—	230.1	1,553.5
July 2001 .....	W	1,456.4	W	W	277.3	W	—	W	277.3	1,941.6
<b>Washington</b>										
July 2002 .....	175.7	W	140.0	852.8	315.7	W	—	W	315.7	2,689.4
June 2002 .....	180.0	W	119.3	850.0	299.3	W	—	W	299.3	2,736.7
July 2001 .....	W	1,970.8	W	W	773.7	W	—	W	773.7	2,717.8

Dash (—) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: PAD District and U.S. totals equal the sum of the volumes for all States. In certain PAD Districts, however, volumes are not shown for every State.

Notes: Values shown for the current month are preliminary. Values shown for previous months are revised. Data are final upon publication in the *Petroleum Marketing Annual*.

Source: Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

**Table 47. Refiner Residual Fuel Oil and No. 4 Fuel Volumes by PAD District**  
(Thousand Gallons per Day)

Geographic Area Month	Residual Fuel Oil						No. 4 Fuel <sup>a</sup>	
	Sulfur Less Than or Equal to 1 Percent		Sulfur Greater Than 1 Percent		Total		Sales to End Users	Sales for Resale
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale		
<b>United States</b>								
July 2002 .....	2,409.1	5,354.1	6,899.2	3,478.8	9,308.3	8,833.0	387.5	35.7
June 2002 .....	1,962.2	5,759.8	7,781.8	4,009.6	9,744.0	9,769.4	292.6	39.3
July 2001 .....	3,712.7	6,398.2	10,025.8	5,638.3	13,738.5	12,036.5	254.4	79.5
<b>PAD District I</b>								
July 2002 .....	W	4,755.7	W	996.9	3,909.5	5,752.6	W	W
June 2002 .....	895.8	W	3,418.4	W	4,314.2	5,819.6	W	W
July 2001 .....	2,362.4	5,297.3	4,154.2	1,111.5	6,516.6	6,408.8	W	W
<b>Subdistrict IA</b>								
July 2002 .....	W	W	W	W	W	W	W	W
June 2002 .....	W	W	W	W	W	W	W	W
July 2001 .....	W	W	W	W	W	W	W	W
<b>Subdistrict IB</b>								
July 2002 .....	W	W	W	W	2,157.5	2,988.8	W	W
June 2002 .....	W	W	W	W	2,361.1	3,719.1	W	W
July 2001 .....	1,597.5	W	2,085.7	W	3,683.2	3,902.9	W	W
<b>Subdistrict IC</b>								
July 2002 .....	W	W	1,286.3	585.6	W	W	1.7	W
June 2002 .....	W	W	1,578.9	W	W	W	2.2	W
July 2001 .....	W	W	W	W	W	W	W	W
<b>PAD District II</b>								
July 2002 .....	W	W	W	W	135.7	569.4	W	W
June 2002 .....	W	W	W	W	183.0	456.8	W	W
July 2001 .....	W	W	W	W	137.3	498.3	W	W
<b>PAD District III</b>								
July 2002 .....	W	103.6	W	1,476.2	1,952.8	1,579.8	–	W
June 2002 .....	W	106.8	W	2,294.2	2,172.6	2,401.0	–	W
July 2001 .....	W	W	W	W	W	4,362.8	–	W
<b>PAD District IV</b>								
July 2002 .....	W	W	W	W	NA	NA	–	–
June 2002 .....	–	W	NA	W	NA	141.9	W	–
July 2001 .....	–	W	W	W	W	61.2	–	–
<b>PAD District V</b>								
July 2002 .....	1,296.9	W	1,986.6	W	3,283.5	745.6	W	–
June 2002 .....	1,055.9	W	1,997.6	W	3,053.5	950.1	W	–
July 2001 .....	W	W	W	W	3,396.4	705.3	W	W

Dash (–) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

<sup>a</sup> Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: Values shown for the current month are preliminary. Values shown for previous months are revised. Data are final upon publication in the *Petroleum Marketing Annual*.

Source: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report."

**Prime Supplier  
Sales Volumes  
of Petroleum  
Products for  
Local  
Consumption**

**Table 48. Prime Supplier Sales Volumes of Motor Gasoline by Grade, Formulation, PAD District, and State**  
(Thousand Gallons per Day)

Geographic Area Month	Regular				Midgrade			
	Conventional	Oxygenated	Reformulated	Total	Conventional	Oxygenated	Reformulated	Total
<b>United States</b>								
July 2002 .....	197,221.3	8,802.9	93,366.9	299,391.2	18,806.0	1,479.4	11,258.8	31,544.2
June 2002 .....	195,735.6	8,473.9	95,388.4	299,597.9	18,265.5	1,319.1	11,370.1	30,954.7
July 2001 .....	191,937.9	8,396.1	90,683.4	291,017.4	18,016.8	1,311.4	11,130.5	30,458.8
<b>PAD District I</b>								
July 2002 .....	64,719.1	—	38,525.7	103,244.8	7,267.9	—	4,560.2	11,828.2
June 2002 .....	64,058.2	—	38,675.5	102,733.7	7,011.6	—	4,523.6	11,535.2
July 2001 .....	61,919.8	—	36,051.5	97,971.3	7,070.1	—	4,526.3	11,596.4
<b>Subdistrict IA</b>								
July 2002 .....	3,458.4	—	11,808.2	15,266.6	242.3	—	1,077.2	1,319.5
June 2002 .....	3,120.0	—	11,736.3	14,856.3	197.6	—	1,037.8	1,235.4
July 2001 .....	3,205.1	—	10,666.4	13,871.5	233.7	—	1,068.5	1,302.2
<b>Connecticut</b>								
July 2002 .....	—	—	3,440.8	3,440.8	—	—	331.7	331.7
June 2002 .....	—	—	3,470.2	3,470.2	—	—	322.8	322.8
July 2001 .....	—	—	3,109.3	3,109.3	—	—	339.2	339.2
<b>Maine</b>								
July 2002 .....	2,166.5	—	—	2,166.5	134.3	—	—	134.3
June 2002 .....	1,934.1	—	—	1,934.1	113.6	—	—	113.6
July 2001 .....	1,978.6	—	—	1,978.6	131.3	—	—	131.3
<b>Massachusetts</b>								
July 2002 .....	—	—	6,355.9	6,355.9	—	—	559.0	559.0
June 2002 .....	—	—	6,254.8	6,254.8	—	—	540.8	540.8
July 2001 .....	—	—	5,691.7	5,691.7	—	—	548.6	548.6
<b>New Hampshire</b>								
July 2002 .....	465.2	—	1,095.4	1,560.5	45.8	—	80.5	126.3
June 2002 .....	433.3	—	1,098.1	1,531.3	31.9	—	76.3	108.2
July 2001 .....	484.4	—	992.2	1,476.6	47.2	—	77.0	124.1
<b>Rhode Island</b>								
July 2002 .....	—	—	916.2	916.2	—	—	106.0	106.0
June 2002 .....	—	—	913.2	913.2	—	—	98.0	98.0
July 2001 .....	—	—	873.2	873.2	—	—	103.8	103.8
<b>Vermont</b>								
July 2002 .....	826.7	—	—	826.7	62.2	—	—	62.2
June 2002 .....	752.7	—	—	752.7	52.1	—	—	52.1
July 2001 .....	742.1	—	—	742.1	55.3	—	—	55.3
<b>Subdistrict IB</b>								
July 2002 .....	15,996.4	—	22,577.4	38,573.8	1,081.3	—	2,844.1	3,925.4
June 2002 .....	15,968.9	—	22,813.6	38,782.5	1,014.2	—	2,849.4	3,863.6
July 2001 .....	16,146.0	—	21,257.9	37,403.9	1,054.6	—	2,791.7	3,846.4
<b>Delaware</b>								
July 2002 .....	—	—	1,096.9	1,096.9	—	—	120.6	120.6
June 2002 .....	—	—	1,113.6	1,113.6	—	—	113.9	113.9
July 2001 .....	—	—	950.5	950.5	—	—	114.7	114.7
<b>District of Columbia</b>								
July 2002 .....	—	—	185.5	185.5	—	—	52.6	52.6
June 2002 .....	—	—	183.0	183.0	—	—	53.9	53.9
July 2001 .....	—	—	147.1	147.1	—	—	53.1	53.1
<b>Maryland</b>								
July 2002 .....	659.6	—	4,207.3	4,866.9	66.0	—	637.5	703.6
June 2002 .....	604.0	—	4,218.6	4,822.6	55.5	—	632.8	688.3
July 2001 .....	621.9	—	3,988.1	4,610.0	61.9	—	583.0	644.9
<b>New Jersey</b>								
July 2002 .....	—	—	8,380.9	8,380.9	—	—	827.9	827.9
June 2002 .....	—	—	8,447.8	8,447.8	—	—	840.0	840.0
July 2001 .....	—	—	8,059.4	8,059.4	—	—	870.2	870.2
<b>New York</b>								
July 2002 .....	6,578.2	—	5,941.5	12,519.7	402.9	—	840.5	1,243.4
June 2002 .....	6,250.8	—	6,065.7	12,316.5	360.1	—	830.4	1,190.6
July 2001 .....	6,114.5	—	5,459.1	11,573.6	351.6	—	804.3	1,155.9
<b>Pennsylvania</b>								
July 2002 .....	8,758.6	—	2,765.2	11,523.8	612.3	—	365.0	977.3
June 2002 .....	9,114.1	—	2,785.0	11,899.1	598.5	—	378.4	976.9
July 2001 .....	9,409.6	—	2,653.8	12,063.4	641.1	—	366.4	1,007.5

See footnotes at end of table.

**Table 48. Prime Supplier Sales Volumes of Motor Gasoline by Grade, Formulation, PAD District, and State**

(Thousand Gallons per Day) — Continued

Geographic Area Month	Premium				All Grades			
	Conventional	Oxygenated	Reformulated	Total	Conventional	Oxygenated	Reformulated	Total
<b>United States</b>								
July 2002 .....	29,947.6	767.4	21,308.2	52,023.1	245,974.9	11,049.7	125,933.9	382,958.5
June 2002 .....	29,349.5	730.1	21,397.6	51,477.1	243,350.6	10,523.0	128,156.0	382,029.7
July 2001 .....	28,313.5	631.8	18,915.2	47,860.5	238,268.3	10,339.4	120,729.1	369,336.7
<b>PAD District I</b>								
July 2002 .....	12,273.2	—	10,488.7	22,761.9	84,260.3	—	53,574.6	137,834.9
June 2002 .....	11,910.9	—	10,506.4	22,417.3	82,980.7	—	53,705.5	136,686.2
July 2001 .....	11,380.0	—	9,192.1	20,572.1	80,369.9	—	49,769.9	130,139.8
<b>Subdistrict IA</b>								
July 2002 .....	430.9	—	2,269.5	2,700.3	4,131.5	—	15,154.9	19,286.5
June 2002 .....	352.8	—	2,205.1	2,557.9	3,670.4	—	14,979.2	18,649.6
July 2001 .....	383.8	—	1,871.5	2,255.4	3,822.7	—	13,606.4	17,429.1
<b>Connecticut</b>								
July 2002 .....	—	—	744.5	744.5	—	—	4,517.0	4,517.0
June 2002 .....	—	—	742.9	742.9	—	—	4,535.9	4,535.9
July 2001 .....	—	—	605.0	605.0	—	—	4,053.5	4,053.5
<b>Maine</b>								
July 2002 .....	249.8	—	—	249.8	2,550.6	—	—	2,550.6
June 2002 .....	193.8	—	—	193.8	2,241.4	—	—	2,241.4
July 2001 .....	226.7	—	—	226.7	2,336.6	—	—	2,336.6
<b>Massachusetts</b>								
July 2002 .....	—	—	1,195.6	1,195.6	—	—	8,110.6	8,110.6
June 2002 .....	—	—	1,142.5	1,142.5	—	—	7,938.1	7,938.1
July 2001 .....	—	—	985.3	985.3	—	—	7,225.5	7,225.5
<b>New Hampshire</b>								
July 2002 .....	56.7	—	154.6	211.3	567.7	—	1,330.4	1,898.2
June 2002 .....	52.9	—	155.0	207.8	518.1	—	1,329.3	1,847.4
July 2001 .....	56.2	—	127.7	183.9	587.8	—	1,196.9	1,784.6
<b>Rhode Island</b>								
July 2002 .....	—	—	174.7	174.7	—	—	1,196.9	1,196.9
June 2002 .....	—	—	164.7	164.7	—	—	1,175.9	1,175.9
July 2001 .....	—	—	153.5	153.5	—	—	1,130.5	1,130.5
<b>Vermont</b>								
July 2002 .....	124.3	—	—	124.3	1,013.2	—	—	1,013.2
June 2002 .....	106.2	—	—	106.2	910.9	—	—	910.9
July 2001 .....	101.0	—	—	101.0	898.3	—	—	898.3
<b>Subdistrict IB</b>								
July 2002 .....	2,323.3	—	7,115.7	9,438.9	19,400.9	—	32,537.2	51,938.2
June 2002 .....	2,171.7	—	7,195.3	9,367.0	19,154.8	—	32,858.2	52,013.0
July 2001 .....	2,147.4	—	6,255.2	8,402.6	19,348.0	—	30,304.8	49,652.8
<b>Delaware</b>								
July 2002 .....	—	—	178.2	178.2	—	—	1,395.7	1,395.7
June 2002 .....	—	—	171.2	171.2	—	—	1,398.6	1,398.6
July 2001 .....	—	—	143.9	143.9	—	—	1,209.1	1,209.1
<b>District of Columbia</b>								
July 2002 .....	—	—	102.5	102.5	—	—	340.6	340.6
June 2002 .....	—	—	103.8	103.8	—	—	340.7	340.7
July 2001 .....	—	—	85.2	85.2	—	—	285.4	285.4
<b>Maryland</b>								
July 2002 .....	118.6	—	1,083.0	1,201.6	844.3	—	5,927.8	6,772.1
June 2002 .....	103.6	—	1,076.4	1,180.0	763.1	—	5,927.8	6,690.9
July 2001 .....	99.0	—	961.1	1,060.1	782.8	—	5,532.2	6,315.0
<b>New Jersey</b>								
July 2002 .....	—	—	2,439.3	2,439.3	—	—	11,648.1	11,648.1
June 2002 .....	—	—	2,491.3	2,491.3	—	—	11,779.1	11,779.1
July 2001 .....	—	—	2,146.4	2,146.4	—	—	11,076.0	11,076.0
<b>New York</b>								
July 2002 .....	882.6	—	2,709.1	3,591.7	7,863.7	—	9,491.1	17,354.8
June 2002 .....	773.0	—	2,720.7	3,493.8	7,383.9	—	9,616.9	17,000.8
July 2001 .....	762.5	—	2,359.7	3,122.2	7,228.5	—	8,623.1	15,851.6
<b>Pennsylvania</b>								
July 2002 .....	1,322.1	—	603.7	1,925.8	10,692.9	—	3,734.0	14,426.9
June 2002 .....	1,295.1	—	631.8	1,926.9	11,007.8	—	3,795.2	14,802.9
July 2001 .....	1,286.0	—	558.9	1,844.9	11,336.6	—	3,579.1	14,915.7

See footnotes at end of table.

**Table 48. Prime Supplier Sales Volumes of Motor Gasoline by Grade, Formulation, PAD District, and State**

(Thousand Gallons per Day) — Continued

Geographic Area Month	Regular				Midgrade			
	Conventional	Oxygenated	Reformulated	Total	Conventional	Oxygenated	Reformulated	Total
<b>Subdistrict IC</b>								
July 2002 .....	45,264.3	—	4,140.0	49,404.4	5,944.4	—	638.9	6,583.3
June 2002 .....	44,969.3	—	4,125.6	49,094.9	5,799.8	—	636.5	6,436.3
July 2001 .....	42,568.7	—	4,127.3	46,696.0	5,781.7	—	666.1	6,447.8
<b>Florida</b>								
July 2002 .....	15,380.4	—	—	15,380.4	2,440.7	—	—	2,440.7
June 2002 .....	15,528.4	—	—	15,528.4	2,395.3	—	—	2,395.3
July 2001 .....	14,368.1	—	—	14,368.1	2,317.7	—	—	2,317.7
<b>Georgia</b>								
July 2002 .....	10,240.1	—	—	10,240.1	1,388.5	—	—	1,388.5
June 2002 .....	10,192.6	—	—	10,192.6	1,390.4	—	—	1,390.4
July 2001 .....	9,692.7	—	—	9,692.7	1,421.3	—	—	1,421.3
<b>North Carolina</b>								
July 2002 .....	9,163.2	—	—	9,163.2	996.8	—	—	996.8
June 2002 .....	9,049.7	—	—	9,049.7	947.0	—	—	947.0
July 2001 .....	8,738.7	—	—	8,738.7	971.9	—	—	971.9
<b>South Carolina</b>								
July 2002 .....	5,103.6	—	—	5,103.6	564.7	—	—	564.7
June 2002 .....	4,983.9	—	—	4,983.9	529.6	—	—	529.6
July 2001 .....	4,910.3	—	—	4,910.3	555.3	—	—	555.3
<b>Virginia</b>								
July 2002 .....	3,681.0	—	4,140.0	7,821.0	374.2	—	638.9	1,013.0
June 2002 .....	3,526.6	—	4,125.6	7,652.2	359.3	—	636.5	995.8
July 2001 .....	3,550.8	—	4,127.3	7,678.1	383.9	—	666.1	1,049.9
<b>West Virginia</b>								
July 2002 .....	1,696.1	—	—	1,696.1	179.6	—	—	179.6
June 2002 .....	1,688.0	—	—	1,688.0	178.2	—	—	178.2
July 2001 .....	1,308.0	—	—	1,308.0	131.7	—	—	131.7
<b>PAD District II</b>								
July 2002 .....	73,260.0	5,846.7	11,308.6	90,415.4	6,416.7	1,150.4	1,314.0	8,881.0
June 2002 .....	73,032.6	5,497.5	11,413.7	89,943.8	6,184.3	986.8	1,303.0	8,474.1
July 2001 .....	72,298.0	5,709.0	10,923.7	88,930.7	5,743.2	1,016.6	1,283.6	8,043.5
<b>Illinois</b>								
July 2002 .....	4,113.9	—	5,763.4	9,877.4	593.6	—	874.9	1,468.5
June 2002 .....	4,125.0	—	5,834.8	9,959.8	653.8	—	872.0	1,525.8
July 2001 .....	4,428.9	—	5,408.3	9,837.2	454.3	—	840.1	1,294.4
<b>Indiana</b>								
July 2002 .....	6,499.9	—	903.9	7,403.7	552.7	—	79.6	632.3
June 2002 .....	6,558.4	—	881.3	7,439.8	495.4	—	74.5	569.9
July 2001 .....	6,191.7	—	1,027.7	7,219.4	516.8	—	98.6	615.5
<b>Iowa</b>								
July 2002 .....	3,341.7	—	—	3,341.7	954.6	—	—	954.6
June 2002 .....	3,365.4	—	—	3,365.4	859.6	—	—	859.6
July 2001 .....	3,393.0	—	—	3,393.0	669.6	—	—	669.6
<b>Kansas</b>								
July 2002 .....	3,551.4	—	—	3,551.4	141.7	—	—	141.7
June 2002 .....	3,597.0	—	—	3,597.0	143.2	—	—	143.2
July 2001 .....	3,559.7	—	—	3,559.7	154.4	—	—	154.4
<b>Kentucky</b>								
July 2002 .....	4,046.4	—	1,301.0	5,347.4	319.9	—	112.4	432.4
June 2002 .....	3,912.6	—	1,308.5	5,221.1	314.8	—	107.7	422.6
July 2001 .....	3,604.5	—	1,240.5	4,845.0	268.3	—	92.1	360.4
<b>Michigan</b>								
July 2002 .....	12,027.8	—	—	12,027.8	652.2	—	—	652.2
June 2002 .....	11,767.0	—	—	11,767.0	621.1	—	—	621.1
July 2001 .....	11,489.8	—	—	11,489.8	607.1	—	—	607.1
<b>Minnesota</b>								
July 2002 .....	—	5,846.7	—	5,846.7	—	1,150.4	—	1,150.4
June 2002 .....	—	5,497.5	—	5,497.5	—	986.8	—	986.8
July 2001 .....	—	5,709.0	—	5,709.0	—	1,016.6	—	1,016.6
<b>Missouri</b>								
July 2002 .....	6,177.5	—	1,643.7	7,821.2	248.2	—	145.2	393.4
June 2002 .....	6,135.5	—	1,692.4	7,827.9	241.0	—	147.0	388.1
July 2001 .....	5,991.8	—	1,690.1	7,681.9	229.8	—	152.3	382.1

See footnotes at end of table.

**Table 48. Prime Supplier Sales Volumes of Motor Gasoline by Grade, Formulation, PAD District, and State**

(Thousand Gallons per Day) — Continued

Geographic Area Month	Premium				All Grades			
	Conventional	Oxygenated	Reformulated	Total	Conventional	Oxygenated	Reformulated	Total
<b>Subdistrict IC</b>								
July 2002 .....	9,519.1	—	1,103.6	10,622.7	60,727.8	—	5,882.5	66,610.3
June 2002 .....	9,386.4	—	1,106.0	10,492.4	60,155.5	—	5,868.1	66,023.6
July 2001 .....	8,848.8	—	1,065.4	9,914.1	57,199.2	—	5,858.7	63,057.9
<b>Florida</b>								
July 2002 .....	3,645.0	—	—	3,645.0	21,466.1	—	—	21,466.1
June 2002 .....	3,673.5	—	—	3,673.5	21,597.2	—	—	21,597.2
July 2001 .....	3,483.8	—	—	3,483.8	20,169.6	—	—	20,169.6
<b>Georgia</b>								
July 2002 .....	2,094.7	—	—	2,094.7	13,723.3	—	—	13,723.3
June 2002 .....	2,077.0	—	—	2,077.0	13,660.0	—	—	13,660.0
July 2001 .....	1,896.5	—	—	1,896.5	13,010.5	—	—	13,010.5
<b>North Carolina</b>								
July 2002 .....	1,846.2	—	—	1,846.2	12,006.1	—	—	12,006.1
June 2002 .....	1,779.3	—	—	1,779.3	11,776.0	—	—	11,776.0
July 2001 .....	1,720.5	—	—	1,720.5	11,431.1	—	—	11,431.1
<b>South Carolina</b>								
July 2002 .....	985.3	—	—	985.3	6,653.6	—	—	6,653.6
June 2002 .....	930.2	—	—	930.2	6,443.8	—	—	6,443.8
July 2001 .....	902.8	—	—	902.8	6,368.5	—	—	6,368.5
<b>Virginia</b>								
July 2002 .....	742.1	—	1,103.6	1,845.7	4,797.3	—	5,882.5	10,679.7
June 2002 .....	711.8	—	1,106.0	1,817.9	4,597.8	—	5,868.1	10,465.9
July 2001 .....	693.7	—	1,065.4	1,759.0	4,628.4	—	5,858.7	10,487.1
<b>West Virginia</b>								
July 2002 .....	205.7	—	—	205.7	2,081.4	—	—	2,081.4
June 2002 .....	214.5	—	—	214.5	2,080.7	—	—	2,080.7
July 2001 .....	151.5	—	—	151.5	1,591.2	—	—	1,591.2
<b>PAD District II</b>								
July 2002 .....	8,487.1	344.9	1,953.1	10,785.1	88,163.8	7,342.0	14,575.7	110,081.5
June 2002 .....	8,199.4	318.4	1,920.1	10,437.9	87,416.3	6,802.7	14,636.8	108,855.8
July 2001 .....	8,291.3	293.8	1,841.9	10,427.0	86,332.5	7,019.5	14,049.2	107,401.2
<b>Illinois</b>								
July 2002 .....	373.4	—	1,234.6	1,608.0	5,080.9	—	7,873.0	12,953.9
June 2002 .....	349.9	—	1,219.9	1,569.8	5,128.8	—	7,926.6	13,055.4
July 2001 .....	360.4	—	1,104.7	1,465.1	5,243.6	—	7,353.1	12,596.7
<b>Indiana</b>								
July 2002 .....	694.2	—	136.6	830.8	7,746.7	—	1,120.1	8,866.8
June 2002 .....	680.9	—	131.6	812.5	7,734.7	—	1,087.4	8,822.2
July 2001 .....	673.7	—	155.3	829.0	7,382.2	—	1,281.6	8,663.8
<b>Iowa</b>								
July 2002 .....	223.1	—	—	223.1	4,519.4	—	—	4,519.4
June 2002 .....	211.3	—	—	211.3	4,436.3	—	—	4,436.3
July 2001 .....	201.6	—	—	201.6	4,264.2	—	—	4,264.2
<b>Kansas</b>								
July 2002 .....	294.9	—	—	294.9	3,988.0	—	—	3,988.0
June 2002 .....	302.8	—	—	302.8	4,043.0	—	—	4,043.0
July 2001 .....	309.5	—	—	309.5	4,023.5	—	—	4,023.5
<b>Kentucky</b>								
July 2002 .....	577.7	—	192.7	770.4	4,944.0	—	1,606.1	6,550.2
June 2002 .....	552.2	—	188.4	740.6	4,779.7	—	1,604.6	6,384.3
July 2001 .....	560.6	—	201.8	762.4	4,433.4	—	1,534.4	5,967.7
<b>Michigan</b>								
July 2002 .....	1,346.2	—	—	1,346.2	14,026.3	—	—	14,026.3
June 2002 .....	1,300.3	—	—	1,300.3	13,688.3	—	—	13,688.3
July 2001 .....	1,276.9	—	—	1,276.9	13,373.8	—	—	13,373.8
<b>Minnesota</b>								
July 2002 .....	253.8	344.9	—	598.7	253.8	7,342.0	—	7,595.8
June 2002 .....	209.6	318.4	—	528.0	209.6	6,802.7	—	7,012.3
July 2001 .....	223.5	293.8	—	517.4	223.5	7,019.5	—	7,243.0
<b>Missouri</b>								
July 2002 .....	577.6	—	208.7	786.3	7,003.3	—	1,997.7	9,000.9
June 2002 .....	577.5	—	214.7	792.2	6,954.0	—	2,054.1	9,008.2
July 2001 .....	555.9	—	224.5	780.4	6,777.5	—	2,067.0	8,844.5

See footnotes at end of table.

**Table 48. Prime Supplier Sales Volumes of Motor Gasoline by Grade, Formulation, PAD District, and State**

(Thousand Gallons per Day) — Continued

Geographic Area Month	Regular				Midgrade			
	Conventional	Oxygenated	Reformulated	Total	Conventional	Oxygenated	Reformulated	Total
<b>Nebraska</b>								
July 2002 .....	1,957.2	—	—	1,957.2	241.4	—	—	241.4
June 2002 .....	1,923.3	—	—	1,923.3	231.6	—	—	231.6
July 2001 .....	2,113.9	—	—	2,113.9	206.0	—	—	206.0
<b>North Dakota</b>								
July 2002 .....	820.0	—	—	820.0	194.6	—	—	194.6
June 2002 .....	752.1	—	—	752.1	198.5	—	—	198.5
July 2001 .....	876.8	—	—	876.8	127.4	—	—	127.4
<b>Ohio</b>								
July 2002 .....	12,181.5	—	—	12,181.5	1,061.7	—	—	1,061.7
June 2002 .....	12,309.9	—	—	12,309.9	1,046.0	—	—	1,046.0
July 2001 .....	11,868.8	—	—	11,868.8	1,151.1	—	—	1,151.1
<b>Oklahoma</b>								
July 2002 .....	5,124.8	—	—	5,124.8	154.0	—	—	154.0
June 2002 .....	5,359.5	—	—	5,359.5	154.7	—	—	154.7
July 2001 .....	5,216.5	—	—	5,216.5	167.0	—	—	167.0
<b>South Dakota</b>								
July 2002 .....	1,108.5	—	—	1,108.5	247.2	—	—	247.2
June 2002 .....	990.4	—	—	990.4	214.3	—	—	214.3
July 2001 .....	1,113.5	—	—	1,113.5	179.3	—	—	179.3
<b>Tennessee</b>								
July 2002 .....	7,235.2	—	—	7,235.2	831.9	—	—	831.9
June 2002 .....	7,345.3	—	—	7,345.3	817.1	—	—	817.1
July 2001 .....	7,457.2	—	—	7,457.2	875.3	—	—	875.3
<b>Wisconsin</b>								
July 2002 .....	5,074.3	—	1,696.5	6,770.8	223.0	—	101.8	324.8
June 2002 .....	4,891.1	—	1,696.7	6,587.8	193.1	—	101.7	294.8
July 2001 .....	4,991.9	—	1,557.2	6,549.1	136.8	—	100.5	237.3
<b>PAD District III</b>								
July 2002 .....	36,485.7	W	W	46,333.5	W	W	W	3,850.6
June 2002 .....	36,070.8	W	W	46,458.6	W	W	1,115.6	3,845.7
July 2001 .....	33,958.9	W	W	43,566.1	W	W	1,136.8	3,905.1
<b>Alabama</b>								
July 2002 .....	5,268.6	—	—	5,268.6	558.6	—	—	558.6
June 2002 .....	5,060.4	—	—	5,060.4	539.7	—	—	539.7
July 2001 .....	5,090.3	—	—	5,090.3	576.5	—	—	576.5
<b>Arkansas</b>								
July 2002 .....	3,497.2	—	—	3,497.2	207.1	—	—	207.1
June 2002 .....	3,443.0	—	—	3,443.0	195.3	—	—	195.3
July 2001 .....	3,312.9	—	—	3,312.9	180.6	—	—	180.6
<b>Louisiana</b>								
July 2002 .....	4,889.0	—	—	4,889.0	474.5	—	—	474.5
June 2002 .....	4,866.8	—	—	4,866.8	477.0	—	—	477.0
July 2001 .....	4,569.2	—	—	4,569.2	472.7	—	—	472.7
<b>Mississippi</b>								
July 2002 .....	3,578.0	—	—	3,578.0	312.3	—	—	312.3
June 2002 .....	3,461.5	—	—	3,461.5	288.7	—	—	288.7
July 2001 .....	3,364.7	—	—	3,364.7	305.0	—	—	305.0
<b>New Mexico</b>								
July 2002 .....	W	W	—	2,055.4	W	W	—	148.9
June 2002 .....	W	W	—	2,238.3	W	W	—	140.2
July 2001 .....	W	W	—	2,198.8	W	W	—	147.1
<b>Texas</b>								
July 2002 .....	W	—	W	27,045.2	W	—	W	2,149.2
June 2002 .....	W	—	W	27,388.6	1,089.3	—	1,115.6	2,204.8
July 2001 .....	W	—	W	25,030.2	1,086.2	—	1,136.8	2,223.1
<b>PAD District IV</b>								
July 2002 .....	9,067.5	1,108.5	—	10,176.0	W	W	—	1,382.2
June 2002 .....	8,840.0	1,070.2	—	9,910.2	W	W	—	1,371.5
July 2001 .....	9,392.2	743.0	—	10,135.2	W	W	—	1,337.6
<b>Colorado</b>								
July 2002 .....	3,024.9	1,108.5	—	4,133.4	W	W	—	861.1
June 2002 .....	2,974.8	1,070.2	—	4,045.0	W	W	—	841.7
July 2001 .....	3,593.7	743.0	—	4,336.7	W	W	—	810.0

See footnotes at end of table.

**Table 48. Prime Supplier Sales Volumes of Motor Gasoline by Grade, Formulation, PAD District, and State**

(Thousand Gallons per Day) — Continued

Geographic Area Month	Premium				All Grades			
	Conventional	Oxygenated	Reformulated	Total	Conventional	Oxygenated	Reformulated	Total
<b>Nebraska</b>								
July 2002 .....	134.6	—	—	134.6	2,333.2	—	—	2,333.2
June 2002 .....	130.1	—	—	130.1	2,285.1	—	—	2,285.1
July 2001 .....	142.6	—	—	142.6	2,462.5	—	—	2,462.5
<b>North Dakota</b>								
July 2002 .....	53.8	—	—	53.8	1,068.4	—	—	1,068.4
June 2002 .....	45.5	—	—	45.5	996.1	—	—	996.1
July 2001 .....	50.6	—	—	50.6	1,054.7	—	—	1,054.7
<b>Ohio</b>								
July 2002 .....	1,394.2	—	—	1,394.2	14,637.5	—	—	14,637.5
June 2002 .....	1,373.9	—	—	1,373.9	14,729.8	—	—	14,729.8
July 2001 .....	1,408.4	—	—	1,408.4	14,428.3	—	—	14,428.3
<b>Oklahoma</b>								
July 2002 .....	580.4	—	—	580.4	5,859.3	—	—	5,859.3
June 2002 .....	583.8	—	—	583.8	6,098.0	—	—	6,098.0
July 2001 .....	582.8	—	—	582.8	5,966.3	—	—	5,966.3
<b>South Dakota</b>								
July 2002 .....	102.1	—	—	102.1	1,457.7	—	—	1,457.7
June 2002 .....	72.8	—	—	72.8	1,277.5	—	—	1,277.5
July 2001 .....	94.0	—	—	94.0	1,386.7	—	—	1,386.7
<b>Tennessee</b>								
July 2002 .....	1,446.1	—	—	1,446.1	9,513.2	—	—	9,513.2
June 2002 .....	1,444.2	—	—	1,444.2	9,606.6	—	—	9,606.6
July 2001 .....	1,421.8	—	—	1,421.8	9,754.3	—	—	9,754.3
<b>Wisconsin</b>								
July 2002 .....	435.0	—	180.5	615.5	5,732.2	—	1,978.8	7,711.0
June 2002 .....	364.6	—	165.6	530.2	5,448.8	—	1,964.0	7,412.8
July 2001 .....	429.2	—	155.5	584.7	5,557.9	—	1,813.1	7,371.1
<b>PAD District III</b>								
July 2002 .....	W	W	1,902.2	7,058.6	44,407.9	W	W	57,242.6
June 2002 .....	5,338.2	W	W	7,131.9	W	W	13,256.8	57,436.2
July 2001 .....	4,741.6	W	W	6,456.8	W	W	12,382.6	53,928.0
<b>Alabama</b>								
July 2002 .....	980.4	—	—	980.4	6,807.5	—	—	6,807.5
June 2002 .....	925.8	—	—	925.8	6,525.9	—	—	6,525.9
July 2001 .....	894.0	—	—	894.0	6,560.8	—	—	6,560.8
<b>Arkansas</b>								
July 2002 .....	433.6	—	—	433.6	4,137.9	—	—	4,137.9
June 2002 .....	419.6	—	—	419.6	4,057.9	—	—	4,057.9
July 2001 .....	393.5	—	—	393.5	3,887.1	—	—	3,887.1
<b>Louisiana</b>								
July 2002 .....	832.2	—	—	832.2	6,195.7	—	—	6,195.7
June 2002 .....	952.0	—	—	952.0	6,295.9	—	—	6,295.9
July 2001 .....	786.8	—	—	786.8	5,828.7	—	—	5,828.7
<b>Mississippi</b>								
July 2002 .....	593.4	—	—	593.4	4,483.7	—	—	4,483.7
June 2002 .....	573.5	—	—	573.5	4,323.7	—	—	4,323.7
July 2001 .....	534.7	—	—	534.7	4,204.4	—	—	4,204.4
<b>New Mexico</b>								
July 2002 .....	W	W	—	320.3	W	W	—	2,524.5
June 2002 .....	W	W	—	323.6	W	W	—	2,702.1
July 2001 .....	W	W	—	312.7	W	W	—	2,658.6
<b>Texas</b>								
July 2002 .....	1,996.6	—	1,902.2	3,898.8	W	—	W	33,093.2
June 2002 .....	W	—	W	3,937.3	20,274.0	—	13,256.8	33,530.8
July 2001 .....	W	—	W	3,535.1	18,405.8	—	12,382.6	30,788.4
<b>PAD District IV</b>								
July 2002 .....	W	W	—	2,074.0	12,067.1	1,565.0	—	13,632.2
June 2002 .....	1,728.6	208.7	—	1,937.3	W	W	—	13,219.0
July 2001 .....	1,737.7	145.4	—	1,883.0	W	W	—	13,355.8
<b>Colorado</b>								
July 2002 .....	W	W	—	865.5	4,294.9	1,565.0	—	5,859.9
June 2002 .....	618.6	208.7	—	827.3	W	W	—	5,714.0
July 2001 .....	W	W	—	827.3	W	W	—	5,974.0

See footnotes at end of table.

**Table 48. Prime Supplier Sales Volumes of Motor Gasoline by Grade, Formulation, PAD District, and State**

(Thousand Gallons per Day) — Continued

Geographic Area Month	Regular				Midgrade			
	Conventional	Oxygenated	Reformulated	Total	Conventional	Oxygenated	Reformulated	Total
<b>Idaho</b>								
July 2002 .....	1,533.7	—	—	1,533.7	90.2	—	—	90.2
June 2002 .....	1,518.5	—	—	1,518.5	86.2	—	—	86.2
July 2001 .....	1,434.9	—	—	1,434.9	112.8	—	—	112.8
<b>Montana</b>								
July 2002 .....	1,409.8	—	—	1,409.8	44.2	—	—	44.2
June 2002 .....	1,232.1	—	—	1,232.1	43.8	—	—	43.8
July 2001 .....	1,403.8	—	—	1,403.8	W	—	—	W
<b>Utah</b>								
July 2002 .....	2,199.7	—	—	2,199.7	367.5	—	—	367.5
June 2002 .....	2,317.3	—	—	2,317.3	383.0	—	—	383.0
July 2001 .....	2,102.4	—	—	2,102.4	359.5	—	—	359.5
<b>Wyoming</b>								
July 2002 .....	899.4	—	—	899.4	19.3	—	—	19.3
June 2002 .....	797.3	—	—	797.3	16.8	—	—	16.8
July 2001 .....	857.4	—	—	857.4	W	—	—	W
<b>PAD District V</b>								
July 2002 .....	13,688.9	W	W	49,221.6	1,205.7	W	W	5,602.2
June 2002 .....	13,734.1	W	W	50,551.6	1,205.9	94.3	4,427.9	5,728.1
July 2001 .....	14,369.1	W	W	50,414.2	1,298.4	94.1	4,183.8	5,576.3
<b>Alaska</b>								
July 2002 .....	848.6	—	—	848.6	29.9	—	—	29.9
June 2002 .....	779.4	—	—	779.4	28.7	—	—	28.7
July 2001 .....	872.4	—	—	872.4	23.5	—	—	23.5
<b>Arizona</b>								
July 2002 .....	2,230.5	—	2,968.6	5,199.1	170.5	—	288.8	459.4
June 2002 .....	2,178.9	—	3,027.1	5,206.1	W	—	W	473.0
July 2001 .....	2,115.7	—	2,830.8	4,946.5	W	—	W	455.8
<b>California</b>								
July 2002 .....	W	—	W	30,758.5	W	—	W	4,028.7
June 2002 .....	W	—	W	31,926.0	W	—	W	4,133.1
July 2001 .....	W	—	W	31,402.0	W	—	W	3,906.6
<b>Hawaii</b>								
July 2002 .....	789.5	—	—	789.5	99.6	—	—	99.6
June 2002 .....	770.4	—	—	770.4	101.3	—	—	101.3
July 2001 .....	742.7	—	—	742.7	110.5	—	—	110.5
<b>Nevada</b>								
July 2002 .....	W	—	W	1,672.8	190.1	—	—	190.1
June 2002 .....	W	—	W	1,745.3	191.7	—	—	191.7
July 2001 .....	W	—	W	2,046.4	221.3	—	—	221.3
<b>Oregon</b>								
July 2002 .....	W	W	—	3,808.3	W	W	—	212.0
June 2002 .....	W	W	—	3,821.1	W	W	—	205.7
July 2001 .....	W	W	—	3,874.6	W	W	—	218.7
<b>Washington</b>								
July 2002 .....	W	W	—	6,144.7	W	W	—	582.5
June 2002 .....	W	W	—	6,303.3	W	W	—	594.6
July 2001 .....	5,186.5	1,343.0	—	6,529.5	W	W	—	639.9

See footnotes at end of table.

**Table 48. Prime Supplier Sales Volumes of Motor Gasoline by Grade, Formulation, PAD District, and State**

(Thousand Gallons per Day) — Continued

Geographic Area Month	Premium				All Grades			
	Conventional	Oxygenated	Reformulated	Total	Conventional	Oxygenated	Reformulated	Total
<b>Idaho</b>								
July 2002 .....	224.2	—	—	224.2	1,848.0	—	—	1,848.0
June 2002 .....	216.4	—	—	216.4	1,821.2	—	—	1,821.2
July 2001 .....	192.2	—	—	192.2	1,740.0	—	—	1,740.0
<b>Montana</b>								
July 2002 .....	262.0	—	—	262.0	1,716.0	—	—	1,716.0
June 2002 .....	206.2	—	—	206.2	1,482.0	—	—	1,482.0
July 2001 .....	W	—	—	W	1,690.5	—	—	1,690.5
<b>Utah</b>								
July 2002 .....	536.6	—	—	536.6	3,103.8	—	—	3,103.8
June 2002 .....	535.0	—	—	535.0	3,235.3	—	—	3,235.3
July 2001 .....	455.6	—	—	455.6	2,917.5	—	—	2,917.5
<b>Wyoming</b>								
July 2002 .....	185.8	—	—	185.8	1,104.5	—	—	1,104.5
June 2002 .....	152.4	—	—	152.4	966.5	—	—	966.5
July 2001 .....	W	—	—	W	1,033.9	—	—	1,033.9
<b>PAD District V</b>								
July 2002 .....	2,181.1	198.2	6,964.1	9,343.4	17,075.7	W	W	64,167.2
June 2002 .....	2,172.4	W	W	9,552.7	17,112.4	2,163.1	46,556.8	65,832.4
July 2001 .....	2,162.9	W	W	8,521.5	17,830.3	2,154.2	44,527.4	64,511.9
<b>Alaska</b>								
July 2002 .....	W	W	—	52.6	W	W	—	931.2
June 2002 .....	W	W	—	52.8	W	W	—	860.9
July 2001 .....	W	W	—	50.9	W	W	—	946.9
<b>Arizona</b>								
July 2002 .....	268.2	—	468.1	736.4	2,669.3	—	3,725.5	6,394.8
June 2002 .....	W	—	W	755.4	2,620.2	—	3,814.3	6,434.5
July 2001 .....	W	—	W	695.0	2,557.8	—	3,539.6	6,097.4
<b>California</b>								
July 2002 .....	W	—	W	6,496.7	W	—	W	41,283.9
June 2002 .....	W	—	W	6,697.4	W	—	W	42,756.6
July 2001 .....	W	—	W	5,753.8	W	—	W	41,062.4
<b>Hawaii</b>								
July 2002 .....	282.1	—	—	282.1	1,171.2	—	—	1,171.2
June 2002 .....	297.3	—	—	297.3	1,169.0	—	—	1,169.0
July 2001 .....	234.9	—	—	234.9	1,088.1	—	—	1,088.1
<b>Nevada</b>								
July 2002 .....	W	—	W	345.9	W	—	W	2,208.8
June 2002 .....	W	—	W	342.6	W	—	W	2,279.5
July 2001 .....	W	—	W	367.0	W	—	W	2,634.6
<b>Oregon</b>								
July 2002 .....	W	W	—	459.9	W	W	—	4,480.2
June 2002 .....	W	W	—	447.7	W	W	—	4,474.5
July 2001 .....	W	W	—	444.7	W	W	—	4,538.0
<b>Washington</b>								
July 2002 .....	W	W	—	969.9	W	W	—	7,697.1
June 2002 .....	813.6	145.8	—	959.4	6,294.1	1,563.3	—	7,857.4
July 2001 .....	W	W	—	975.1	6,590.7	1,553.9	—	8,144.5

Dash (—) = No data reported.

W = Withheld to avoid disclosure of individual company data.

Notes: Values shown for the current month are preliminary. Values shown for previous months are revised. Data are final upon publication in the *Petroleum Marketing Annual*. Totals may not equal the sum of the components due to rounding.

Source: Energy Information Administration, Form EIA-782C, "Monthly Report of Prime Supplier Sales of Petroleum Products Sold for Local Consumption."

**Table 49. Prime Supplier Sales Volumes of Aviation Fuels, Propane, and Residual Fuel Oil by PAD District and State**  
(Thousand Gallons per Day)

Geographic Area Month	Aviation Gasoline	Naphtha- Type Jet Fuel	Kerosene- Type Jet Fuel	Propane (Consumer Grade)	Residual Fuel Oil		
					Sulfur Less Than or Equal to 1 Percent	Sulfur Greater Than 1 Percent	Total Residual Fuel Oil
<b>United States</b>							
July 2002 .....	887.4	6.0	64,085.9	26,216.1	6,702.2	13,167.3	19,869.4
June 2002 .....	677.9	7.5	60,124.2	29,062.0	5,908.2	15,412.2	21,320.5
July 2001 .....	938.7	16.1	64,721.2	29,608.7	8,388.5	17,911.9	26,300.4
<b>PAD District I</b>							
July 2002 .....	158.8	—	13,635.2	3,571.2	4,860.7	6,303.4	11,164.1
June 2002 .....	108.2	—	12,113.5	3,509.7	4,252.0	7,240.7	11,492.7
July 2001 .....	193.5	—	14,604.5	4,609.7	6,255.1	8,322.2	14,577.3
<b>Subdistrict IA</b>							
July 2002 .....	23.7	—	1,213.6	317.7	686.0	871.3	1,557.2
June 2002 .....	6.6	—	940.6	358.6	651.5	590.5	1,242.0
July 2001 .....	25.9	—	1,408.4	331.8	521.0	697.6	1,218.7
<b>Connecticut</b>							
July 2002 .....	1.6	—	265.3	33.3	W	W	19.5
June 2002 .....	W	—	W	40.5	5.2	W	W
July 2001 .....	W	—	267.5	47.6	W	W	W
<b>Maine</b>							
July 2002 .....	W	—	81.4	36.1	W	W	579.3
June 2002 .....	W	—	73.6	39.9	W	W	NA
July 2001 .....	W	—	81.8	44.1	89.5	402.4	491.9
<b>Massachusetts</b>							
July 2002 .....	3.4	—	631.6	45.3	W	W	631.0
June 2002 .....	2.7	—	494.1	45.2	457.4	NA	515.0
July 2001 .....	11.7	—	831.7	60.7	157.5	190.0	347.5
<b>New Hampshire</b>							
July 2002 .....	W	—	87.1	83.5	W	W	217.6
June 2002 .....	W	—	70.4	99.8	W	W	NA
July 2001 .....	3.4	—	91.5	61.3	175.3	63.6	238.9
<b>Rhode Island</b>							
July 2002 .....	W	—	139.4	72.0	NA	—	NA
June 2002 .....	W	—	116.7	76.3	NA	—	NA
July 2001 .....	W	—	124.2	72.6	77.2	—	77.2
<b>Vermont</b>							
July 2002 .....	—	—	8.9	47.4	W	W	28.4
June 2002 .....	—	—	W	56.9	W	W	W
July 2001 .....	W	—	11.8	45.4	W	W	W
<b>Subdistrict IB</b>							
July 2002 .....	36.5	—	6,993.5	1,375.5	2,757.2	2,277.1	5,034.3
June 2002 .....	37.6	—	6,274.8	1,450.0	2,097.2	2,502.4	4,599.6
July 2001 .....	53.6	—	7,054.4	1,370.2	3,691.5	2,764.5	6,455.9
<b>Delaware</b>							
July 2002 .....	0.9	—	12.5	131.3	27.1	109.9	137.0
June 2002 .....	W	—	15.0	149.4	33.1	W	W
July 2001 .....	3.2	—	15.1	126.4	W	W	679.0
<b>District of Columbia</b>							
July 2002 .....	—	—	—	—	—	—	—
June 2002 .....	—	—	—	—	—	—	—
July 2001 .....	—	—	—	—	—	—	—
<b>Maryland</b>							
July 2002 .....	3.0	—	152.4	50.1	W	W	442.3
June 2002 .....	3.3	—	188.6	62.9	W	W	W
July 2001 .....	6.6	—	283.5	60.7	W	W	612.8
<b>New Jersey</b>							
July 2002 .....	21.9	—	3,469.6	357.7	689.2	655.0	1,344.2
June 2002 .....	23.6	—	2,821.8	385.6	77.5	984.2	1,061.8
July 2001 .....	12.4	—	3,340.8	355.5	1,238.7	630.8	1,869.5
<b>New York</b>							
July 2002 .....	4.2	—	1,666.0	291.0	1,266.5	1,193.3	2,459.9
June 2002 .....	W	—	1,479.2	315.4	888.0	1,125.9	2,013.9
July 2001 .....	11.9	—	1,612.5	301.8	1,202.6	1,228.1	2,430.7
<b>Pennsylvania</b>							
July 2002 .....	6.5	—	1,693.0	545.3	W	W	650.9
June 2002 .....	6.9	—	1,770.2	536.6	W	W	1,045.8
July 2001 .....	19.5	—	1,802.4	525.7	648.3	215.6	863.9

See footnotes at end of table.

**Table 49. Prime Supplier Sales Volumes of Aviation Fuels, Propane, and Residual Fuel Oil by PAD District and State**  
(Thousand Gallons per Day) — Continued

Geographic Area Month	Aviation Gasoline	Naphtha- Type Jet Fuel	Kerosene- Type Jet Fuel	Propane (Consumer Grade)	Residual Fuel Oil			
					Sulfur Less Than or Equal to 1 Percent	Sulfur Greater Than 1 Percent	Total Residual Fuel Oil	
<b>Subdistrict IC</b>								
July 2002 .....	98.6	—	5,428.0	1,878.1	1,417.5	3,155.1	4,572.6	
June 2002 .....	64.0	—	4,898.1	1,701.1	1,503.3	4,147.8	5,651.1	
July 2001 .....	114.0	—	6,141.7	2,907.7	2,042.6	4,860.1	6,902.7	
<b>Florida</b>								
July 2002 .....	65.8	—	2,576.5	391.0	W	W	2,695.5	
June 2002 .....	34.5	—	2,571.0	381.9	W	W	4,143.9	
July 2001 .....	61.5	—	2,991.0	459.9	W	W	4,437.7	
<b>Georgia</b>								
July 2002 .....	12.0	—	989.2	488.5	—	241.7	241.7	
June 2002 .....	11.5	—	566.8	374.1	—	249.4	249.4	
July 2001 .....	14.6	—	1,202.3	586.8	—	309.3	309.3	
<b>North Carolina</b>								
July 2002 .....	9.7	—	583.5	500.4	W	W	327.0	
June 2002 .....	5.3	—	546.4	480.6	121.8	248.4	370.2	
July 2001 .....	14.8	—	626.6	959.5	W	W	391.3	
<b>South Carolina</b>								
July 2002 .....	5.4	—	173.6	271.4	W	W	W	
June 2002 .....	7.6	—	141.6	271.3	W	213.8	W	
July 2001 .....	6.7	—	179.0	372.5	W	W	W	
<b>Virginia</b>								
July 2002 .....	3.7	—	1,079.4	152.9	W	W	1,135.0	
June 2002 .....	W	—	1,045.0	135.8	W	W	669.4	
July 2001 .....	14.0	—	1,122.7	280.4	968.5	525.7	1,494.1	
<b>West Virginia</b>								
July 2002 .....	2.0	—	25.7	73.9	W	—	W	
June 2002 .....	W	—	27.3	57.4	W	—	W	
July 2001 .....	2.4	—	20.1	248.6	W	W	W	
<b>PAD District II</b>								
July 2002 .....	269.6	W	11,767.6	6,554.8	W	W	586.7	
June 2002 .....	158.4	W	10,006.5	5,890.2	W	W	503.1	
July 2001 .....	254.7	W	11,764.2	6,832.9	229.2	375.2	604.4	
<b>Illinois</b>								
July 2002 .....	17.9	—	1,474.1	1,125.4	—	W	W	
June 2002 .....	13.9	—	1,316.4	773.8	—	W	W	
July 2001 .....	25.2	—	2,089.2	813.9	W	W	W	
<b>Indiana</b>								
July 2002 .....	15.6	—	1,231.8	336.2	W	—	W	
June 2002 .....	8.9	—	863.5	320.9	W	—	W	
July 2001 .....	13.0	—	1,248.5	359.0	W	W	39.6	
<b>Iowa</b>								
July 2002 .....	10.3	—	89.9	332.5	—	—	—	
June 2002 .....	7.0	—	77.1	231.7	—	—	—	
July 2001 .....	11.5	—	75.7	405.4	—	W	W	
<b>Kansas</b>								
July 2002 .....	15.1	—	147.8	1,162.0	—	W	W	
June 2002 .....	10.3	—	232.3	1,301.1	—	W	W	
July 2001 .....	19.2	—	215.1	1,237.0	—	W	W	
<b>Kentucky</b>								
July 2002 .....	5.8	W	596.0	245.2	W	—	W	
June 2002 .....	W	W	596.1	257.2	W	—	W	
July 2001 .....	4.1	W	547.0	289.3	W	W	W	
<b>Michigan</b>								
July 2002 .....	10.9	—	W	382.1	W	W	W	
June 2002 .....	9.6	—	236.5	497.7	W	W	W	
July 2001 .....	14.0	—	703.6	671.6	—	W	W	
<b>Minnesota</b>								
July 2002 .....	27.8	—	1,157.4	397.3	W	W	W	
June 2002 .....	16.3	—	1,125.5	341.3	W	W	W	
July 2001 .....	26.6	—	1,282.9	484.2	W	W	151.6	
<b>Missouri</b>								
July 2002 .....	15.0	—	1,386.6	291.2	—	W	W	
June 2002 .....	12.3	—	1,081.7	350.5	—	W	W	
July 2001 .....	15.8	—	1,071.1	408.0	W	W	W	

See footnotes at end of table.

**Table 49. Prime Supplier Sales Volumes of Aviation Fuels, Propane, and Residual Fuel Oil by PAD District and State**  
(Thousand Gallons per Day) — Continued

Geographic Area Month	Aviation Gasoline	Naphtha- Type Jet Fuel	Kerosene- Type Jet Fuel	Propane (Consumer Grade)	Residual Fuel Oil		
					Sulfur Less Than or Equal to 1 Percent	Sulfur Greater Than 1 Percent	Total Residual Fuel Oil
<b>Nebraska</b>							
July 2002 .....	14.6	—	192.9	519.5	—	—	—
June 2002 .....	6.1	—	154.9	219.9	—	W	W
July 2001 .....	11.4	—	108.3	557.7	—	W	W
<b>North Dakota</b>							
July 2002 .....	5.9	—	NA	172.9	—	NA	NA
June 2002 .....	W	—	W	113.7	—	NA	NA
July 2001 .....	4.9	—	82.0	216.5	—	—	—
<b>Ohio</b>							
July 2002 .....	53.3	—	2,005.2	493.8	W	W	W
June 2002 .....	23.5	—	1,764.0	430.1	3.4	W	W
July 2001 .....	49.0	—	1,996.5	391.5	79.0	30.9	109.9
<b>Oklahoma</b>							
July 2002 .....	29.7	—	598.9	223.5	—	W	W
June 2002 .....	9.9	—	736.9	310.6	—	W	W
July 2001 .....	14.6	—	760.8	366.6	—	W	W
<b>South Dakota</b>							
July 2002 .....	13.8	—	75.6	45.5	—	W	W
June 2002 .....	12.5	—	106.9	44.9	—	—	—
July 2001 .....	10.4	—	96.0	66.9	—	—	—
<b>Tennessee</b>							
July 2002 .....	9.7	—	1,386.1	545.2	W	W	8.0
June 2002 .....	10.2	—	1,433.2	406.9	W	W	9.4
July 2001 .....	10.8	—	1,202.1	230.5	W	W	48.7
<b>Wisconsin</b>							
July 2002 .....	24.3	—	W	282.5	W	W	W
June 2002 .....	12.3	—	W	290.0	—	W	W
July 2001 .....	24.0	—	285.4	334.7	—	69.9	69.9
<b>PAD District III</b>							
July 2002 .....	137.2	—	17,024.2	13,153.9	W	W	3,201.3
June 2002 .....	124.8	—	16,967.0	16,842.4	W	W	3,988.4
July 2001 .....	132.7	—	17,390.2	15,337.7	W	W	5,247.3
<b>Alabama</b>							
July 2002 .....	9.6	—	W	123.8	—	W	W
June 2002 .....	7.1	—	274.7	128.2	W	W	W
July 2001 .....	10.7	—	346.5	168.5	W	W	W
<b>Arkansas</b>							
July 2002 .....	7.8	—	W	126.3	—	—	—
June 2002 .....	10.2	—	W	110.0	—	—	—
July 2001 .....	10.8	—	320.2	208.4	—	W	W
<b>Louisiana</b>							
July 2002 .....	6.8	—	3,660.0	1,886.8	—	1,468.9	1,468.9
June 2002 .....	8.8	—	3,481.9	2,620.5	W	W	1,177.7
July 2001 .....	8.1	—	3,761.3	1,962.3	W	W	2,890.4
<b>Mississippi</b>							
July 2002 .....	9.8	—	840.5	300.5	—	W	W
June 2002 .....	8.9	—	809.8	210.4	—	W	W
July 2001 .....	10.4	—	1,412.5	688.7	W	W	W
<b>New Mexico</b>							
July 2002 .....	10.1	—	251.2	225.1	W	—	W
June 2002 .....	14.2	—	W	234.5	W	—	W
July 2001 .....	13.8	—	295.5	268.2	W	—	W
<b>Texas</b>							
July 2002 .....	93.2	—	11,946.1	10,491.3	W	W	1,667.9
June 2002 .....	75.5	—	12,039.0	13,538.8	—	2,664.0	2,664.0
July 2001 .....	78.9	—	11,254.2	12,041.5	W	W	1,978.9
<b>PAD District IV</b>							
July 2002 .....	68.5	—	1,590.9	722.9	W	W	NA
June 2002 .....	59.7	—	1,586.2	723.9	W	W	NA
July 2001 .....	64.7	—	1,802.8	818.6	W	W	42.9
<b>Colorado</b>							
July 2002 .....	24.5	—	750.2	174.1	—	—	—
June 2002 .....	22.4	—	746.8	229.7	—	—	—
July 2001 .....	22.6	—	862.3	240.1	W	—	W

See footnotes at end of table.

**Table 49. Prime Supplier Sales Volumes of Aviation Fuels, Propane, and Residual Fuel Oil by PAD District and State**

(Thousand Gallons per Day) — Continued

Geographic Area Month	Aviation Gasoline	Naphtha- Type Jet Fuel	Kerosene- Type Jet Fuel	Propane (Consumer Grade)	Residual Fuel Oil			
					Sulfur Less Than or Equal to 1 Percent	Sulfur Greater Than 1 Percent	Total Residual Fuel Oil	
<b>Idaho</b>								
July 2002 .....	10.7	—	87.2	49.2	—	—	—	
June 2002 .....	6.1	—	73.5	35.9	—	—	—	
July 2001 .....	11.1	—	80.8	46.5	—	W	W	
<b>Montana</b>								
July 2002 .....	10.7	—	104.7	143.9	—	W	W	
June 2002 .....	8.6	—	80.8	123.5	—	W	W	
July 2001 .....	W	—	94.6	127.6	—	W	W	
<b>Utah</b>								
July 2002 .....	17.6	—	NA	78.5	W	NA	W	
June 2002 .....	20.4	—	657.1	79.6	—	NA	NA	
July 2001 .....	14.9	—	732.5	70.0	W	—	W	
<b>Wyoming</b>								
July 2002 .....	4.9	—	30.8	277.2	W	W	W	
June 2002 .....	2.3	—	28.0	255.2	W	W	W	
July 2001 .....	W	—	32.5	334.4	W	W	W	
<b>PAD District V</b>								
July 2002 .....	253.3	W	20,068.0	2,213.4	1,709.5	2,990.1	4,699.6	
June 2002 .....	226.8	W	19,451.0	2,095.9	1,486.6	3,686.0	5,172.6	
July 2001 .....	293.1	W	19,159.5	2,009.7	1,726.5	4,102.0	5,828.5	
<b>Alaska</b>								
July 2002 .....	W	W	3,646.7	W	—	NA	NA	
June 2002 .....	W	W	2,943.8	W	—	NA	NA	
July 2001 .....	119.5	W	3,041.6	W	—	—	—	
<b>Arizona</b>								
July 2002 .....	23.8	—	966.6	287.6	W	—	W	
June 2002 .....	21.0	—	1,151.0	160.3	W	—	W	
July 2001 .....	27.3	—	825.9	180.9	W	W	W	
<b>California</b>								
July 2002 .....	73.5	—	10,756.8	1,230.0	W	W	2,314.8	
June 2002 .....	64.7	—	10,893.5	1,270.0	W	W	3,122.6	
July 2001 .....	89.0	—	10,648.4	1,133.6	W	W	3,167.3	
<b>Hawaii</b>								
July 2002 .....	W	—	W	W	W	W	W	
June 2002 .....	W	—	W	W	W	W	W	
July 2001 .....	W	—	W	W	W	W	W	
<b>Nevada</b>								
July 2002 .....	W	—	792.6	114.2	W	—	W	
June 2002 .....	W	—	930.2	129.8	—	—	—	
July 2001 .....	W	—	825.9	110.8	—	—	—	
<b>Oregon</b>								
July 2002 .....	W	—	W	93.5	—	94.3	94.3	
June 2002 .....	16.3	—	W	96.0	—	W	W	
July 2001 .....	21.0	—	W	90.1	—	163.0	163.0	
<b>Washington</b>								
July 2002 .....	22.8	—	2,094.0	316.5	—	NA	NA	
June 2002 .....	23.2	—	1,871.4	292.9	—	NA	NA	
July 2001 .....	21.5	—	2,215.5	339.4	—	932.0	932.0	

Dash (—) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: Values shown for the current month are preliminary. Values shown for previous months are revised. Data are final upon publication in the *Petroleum Marketing Annual*. Totals may not equal the sum of the components due to rounding.

Source: Energy Information Administration, Form EIA-782C, "Monthly Report of Prime Supplier Sales of Petroleum Products Sold for Local Consumption."

**Table 50. Prime Supplier Sales Volumes of Distillate Fuel Oils and Kerosene by PAD District and State**  
(Thousand Gallons per Day)

Geographic Area Month	Kerosene	No. 1 Distillate	No. 2 Distillate				No. 4 Fuel <sup>a</sup>	Total Distillate and Kerosene	
			No. 2 Fuel Oil	No. 2 Diesel Fuel					No. 2 Distillate
				Low-Sulfur	High-Sulfur	Total			
<b>United States</b>									
July 2002 .....	710.7	616.0	19,141.7	103,541.4	19,087.6	122,629.0	141,770.7	512.2	143,609.6
June 2002 .....	652.2	540.6	18,771.9	104,362.5	18,955.0	123,317.5	142,089.4	408.5	143,690.7
July 2001 .....	1,362.4	567.1	19,419.0	101,571.3	19,512.6	121,083.9	140,502.9	403.1	142,835.5
<b>PAD District I</b>									
July 2002 .....	W	W	12,015.7	28,238.7	2,718.2	30,956.9	42,972.6	387.2	43,912.2
June 2002 .....	255.6	168.8	11,826.2	28,327.5	2,688.8	31,016.3	42,842.5	272.6	43,539.5
July 2001 .....	744.9	143.2	11,628.1	27,612.6	3,461.1	31,073.7	42,701.8	270.8	43,860.7
<b>Subdistrict IA</b>									
July 2002 .....	W	W	2,701.4	2,619.9	32.4	2,652.3	5,353.6	NA	5,462.9
June 2002 .....	84.2	0.6	3,045.2	2,833.5	32.0	2,865.5	5,910.7	47.6	6,043.1
July 2001 .....	87.5	W	2,467.8	2,638.0	NA	2,767.0	5,234.8	W	5,371.3
<b>Connecticut</b>									
July 2002 .....	18.1	W	595.7	W	W	582.7	1,178.5	W	1,207.0
June 2002 .....	21.1	W	677.9	W	W	704.9	1,382.8	W	1,415.2
July 2001 .....	25.3	W	472.2	596.8	NA	672.6	1,144.8	W	1,180.8
<b>Maine</b>									
July 2002 .....	W	-	478.8	W	W	550.9	1,029.7	W	1,047.4
June 2002 .....	W	-	557.3	W	W	541.5	1,098.8	W	1,123.5
July 2001 .....	17.1	W	493.5	W	W	490.5	984.0	W	1,002.4
<b>Massachusetts</b>									
July 2002 .....	NA	-	987.5	W	W	833.6	1,821.1	NA	1,845.7
June 2002 .....	W	W	1,109.2	W	W	940.4	2,049.5	19.0	2,073.2
July 2001 .....	W	W	834.8	869.1	26.9	896.0	1,730.8	18.3	1,751.8
<b>New Hampshire</b>									
July 2002 .....	W	-	285.4	W	W	304.9	590.3	W	610.5
June 2002 .....	NA	W	330.7	313.9	0.9	314.7	645.4	W	661.4
July 2001 .....	15.8	-	327.3	W	W	338.0	665.3	4.5	685.6
<b>Rhode Island</b>									
July 2002 .....	W	-	224.4	216.1	NA	216.3	440.7	W	451.7
June 2002 .....	W	-	243.0	209.3	NA	209.6	452.6	W	461.1
July 2001 .....	W	W	220.0	W	W	216.2	436.2	10.6	455.1
<b>Vermont</b>									
July 2002 .....	W	W	129.5	148.1	15.6	163.8	293.3	NA	300.6
June 2002 .....	W	-	127.2	139.6	14.7	154.4	281.6	W	308.8
July 2001 .....	W	W	120.1	139.8	13.9	153.6	273.7	2.9	295.7
<b>Subdistrict IB</b>									
July 2002 .....	245.6	W	5,889.4	10,001.5	569.7	10,571.3	16,460.7	W	17,206.6
June 2002 .....	126.5	W	5,448.3	9,563.1	486.1	10,049.2	15,497.5	W	16,002.7
July 2001 .....	535.2	W	6,396.1	10,287.8	709.8	10,997.6	17,393.7	W	18,277.0
<b>Delaware</b>									
July 2002 .....	W	-	54.1	W	W	263.4	317.5	W	319.6
June 2002 .....	W	-	57.5	W	W	271.6	329.1	W	331.5
July 2001 .....	W	-	79.6	W	W	246.9	326.5	W	328.9
<b>District of Columbia</b>									
July 2002 .....	-	-	7.1	16.0	W	W	W	W	222.9
June 2002 .....	W	-	9.7	W	W	14.8	24.5	W	129.9
July 2001 .....	W	-	7.5	W	W	18.6	26.1	W	112.6
<b>Maryland</b>									
July 2002 .....	20.2	W	394.3	1,153.5	64.4	1,217.9	1,612.2	W	1,637.5
June 2002 .....	3.9	2.4	305.5	1,098.0	92.6	1,190.5	1,496.1	2.7	1,505.1
July 2001 .....	82.7	W	437.6	1,105.5	85.5	1,191.0	1,628.7	W	1,716.7
<b>New Jersey</b>									
July 2002 .....	44.0	W	1,473.0	2,932.4	266.6	3,199.0	4,672.1	W	4,733.0
June 2002 .....	34.1	W	1,316.5	2,468.9	173.7	2,642.6	3,959.1	W	4,009.4
July 2001 .....	W	-	1,501.9	2,699.8	NA	3,088.7	4,590.6	W	4,704.8
<b>New York</b>									
July 2002 .....	108.5	W	1,631.1	W	125.2	W	W	105.0	4,154.0
June 2002 .....	W	W	1,575.1	1,988.7	96.2	2,084.9	3,660.0	89.4	3,937.8
July 2001 .....	253.0	W	2,211.6	1,903.1	130.9	2,034.0	4,245.6	W	4,734.1
<b>Pennsylvania</b>									
July 2002 .....	W	5.3	2,329.8	3,622.0	103.7	3,725.7	6,055.5	W	6,139.6
June 2002 .....	47.3	W	2,183.9	3,729.9	114.9	3,844.8	6,028.7	W	6,088.8
July 2001 .....	89.3	W	2,157.9	4,324.3	94.1	4,418.4	6,576.2	W	6,679.9

See footnotes at end of table.

**Table 50. Prime Supplier Sales Volumes of Distillate Fuel Oils and Kerosene by PAD District and State**

(Thousand Gallons per Day) — Continued

Geographic Area Month	Kerosene	No. 1 Distillate	No. 2 Distillate				No. 4 Fuel <sup>a</sup>	Total Distillate and Kerosene	
			No. 2 Fuel Oil	No. 2 Diesel Fuel		No. 2 Distillate			
				Low-Sulfur	High-Sulfur				Total
<b>Subdistrict IC</b>									
July 2002 .....	65.9	W	3,424.9	15,617.3	2,116.1	17,733.4	21,158.3	W	21,242.7
June 2002 .....	44.9	W	3,332.7	15,931.0	2,170.7	18,101.6	21,434.3	W	21,493.7
July 2001 .....	122.2	8.1	2,764.2	14,686.8	2,622.3	17,309.1	20,073.3	8.8	20,212.4
<b>Florida</b>									
July 2002 .....	2.8	W	675.1	3,957.1	760.9	4,718.0	5,393.1	W	5,397.0
June 2002 .....	2.8	W	725.0	4,036.7	743.1	4,779.8	5,504.8	W	5,509.0
July 2001 .....	4.2	W	513.2	3,717.7	762.1	4,479.8	4,993.0	W	4,998.7
<b>Georgia</b>									
July 2002 .....	5.3	—	656.5	4,289.3	445.9	4,735.2	5,391.8	—	5,397.0
June 2002 .....	5.1	—	613.6	4,475.3	447.1	4,922.4	5,536.0	—	5,541.1
July 2001 .....	5.4	—	484.7	4,246.6	641.6	4,888.2	5,372.9	—	5,378.3
<b>North Carolina</b>									
July 2002 .....	W	W	608.4	2,603.4	438.6	3,042.0	3,650.5	—	3,683.0
June 2002 .....	18.4	W	537.2	2,560.3	457.3	3,017.6	3,554.8	W	3,575.5
July 2001 .....	W	W	446.7	2,357.5	582.1	2,939.5	3,386.3	—	3,443.3
<b>South Carolina</b>									
July 2002 .....	W	W	230.0	1,515.9	109.5	1,625.4	1,855.5	—	1,863.7
June 2002 .....	6.9	—	230.6	1,606.6	132.4	1,738.9	1,969.5	—	1,976.4
July 2001 .....	13.2	W	181.5	1,464.7	191.0	1,655.6	1,837.1	W	1,851.8
<b>Virginia</b>									
July 2002 .....	16.0	W	726.8	2,686.8	296.7	2,983.5	3,710.4	W	3,738.4
June 2002 .....	8.9	W	711.7	2,665.1	320.7	2,985.8	3,697.5	W	3,715.5
July 2001 .....	W	4.2	777.2	2,323.4	352.2	2,675.6	3,452.8	W	3,504.7
<b>West Virginia</b>									
July 2002 .....	3.5	W	528.0	564.8	64.4	629.1	1,157.1	W	1,163.6
June 2002 .....	2.8	W	514.6	587.0	70.1	657.1	1,171.7	W	1,176.2
July 2001 .....	W	W	360.9	577.0	93.3	670.3	1,031.2	—	1,035.6
<b>PAD District II</b>									
July 2002 .....	47.0	243.2	4,668.8	34,047.3	5,935.8	39,983.1	44,651.9	24.3	44,966.5
June 2002 .....	45.9	219.2	4,642.5	34,797.3	5,820.9	40,618.2	45,260.7	21.3	45,547.0
July 2001 .....	59.2	256.5	4,993.9	33,324.0	5,448.9	38,773.0	43,766.9	28.6	44,111.2
<b>Illinois</b>									
July 2002 .....	3.1	83.7	830.6	3,633.1	394.2	4,027.3	4,857.9	—	4,944.7
June 2002 .....	3.2	79.4	710.8	4,046.1	480.5	4,526.6	5,237.4	—	5,320.0
July 2001 .....	W	W	882.3	3,403.9	522.5	3,926.5	4,808.7	—	4,893.6
<b>Indiana</b>									
July 2002 .....	W	14.6	429.8	3,331.2	599.5	3,930.6	4,360.4	W	4,383.6
June 2002 .....	W	11.4	419.1	3,360.5	660.6	4,021.0	4,440.1	W	4,457.7
July 2001 .....	W	20.3	414.1	3,362.9	523.5	3,886.5	4,300.6	W	4,329.1
<b>Iowa</b>									
July 2002 .....	0.5	12.0	124.2	1,814.0	75.3	1,889.3	2,013.5	—	2,025.9
June 2002 .....	W	W	138.4	1,847.4	88.8	1,936.2	2,074.6	—	2,086.8
July 2001 .....	3.7	17.2	141.4	1,820.0	111.1	1,931.0	2,072.4	—	2,093.3
<b>Kansas</b>									
July 2002 .....	—	7.0	84.7	1,815.4	301.9	2,117.3	2,202.0	—	2,208.9
June 2002 .....	—	4.7	102.9	1,886.9	373.0	2,259.9	2,362.8	—	2,367.5
July 2001 .....	W	W	79.8	1,832.2	341.0	2,173.2	2,252.9	—	2,258.0
<b>Kentucky</b>									
July 2002 .....	W	W	786.3	1,965.8	482.3	2,448.1	3,234.4	W	3,240.1
June 2002 .....	2.8	W	790.1	2,082.9	522.8	2,605.7	3,395.9	W	3,400.9
July 2001 .....	5.5	W	762.0	1,891.0	457.3	2,348.3	3,110.3	W	3,119.5
<b>Michigan</b>									
July 2002 .....	3.5	36.8	410.6	2,416.6	174.7	2,591.4	3,001.9	—	3,042.3
June 2002 .....	W	W	398.0	2,486.3	184.5	2,670.8	3,068.8	—	3,113.1
July 2001 .....	6.0	34.6	467.8	2,424.9	167.1	2,592.0	3,059.8	—	3,100.4
<b>Minnesota</b>									
July 2002 .....	1.2	34.2	149.1	2,124.7	295.8	2,420.5	2,569.5	—	2,604.9
June 2002 .....	W	30.4	123.7	1,921.9	296.2	2,218.0	2,341.8	W	2,374.1
July 2001 .....	W	40.9	262.6	2,043.8	260.2	2,304.0	2,566.6	W	2,609.5
<b>Missouri</b>									
July 2002 .....	0.9	12.5	138.8	2,848.2	89.9	2,938.1	3,076.9	—	3,090.3
June 2002 .....	1.3	9.2	132.2	3,047.2	121.8	3,169.0	3,301.2	—	3,311.7
July 2001 .....	1.2	13.5	140.4	2,844.3	149.9	2,994.1	3,134.5	—	3,149.1

See footnotes at end of table.

**Table 50. Prime Supplier Sales Volumes of Distillate Fuel Oils and Kerosene by PAD District and State**

(Thousand Gallons per Day) — Continued

Geographic Area Month	Kerosene	No. 1 Distillate	No. 2 Distillate					No. 4 Fuel <sup>a</sup>	Total Distillate and Kerosene
			No. 2 Fuel Oil	No. 2 Diesel Fuel			No. 2 Distillate		
				Low-Sulfur	High-Sulfur	Total			
<b>Nebraska</b>									
July 2002 .....	—	1.8	300.2	1,762.3	487.1	2,249.4	2,549.5	—	2,551.4
June 2002 .....	W	W	155.3	1,366.9	177.7	1,544.6	1,699.9	—	1,701.1
July 2001 .....	W	W	170.6	1,445.1	380.8	1,825.9	1,996.5	—	1,999.0
<b>North Dakota</b>									
July 2002 .....	—	2.2	16.8	683.1	NA	850.8	867.5	—	869.8
June 2002 .....	—	1.9	19.3	567.3	NA	729.4	748.6	—	750.6
July 2001 .....	W	W	W	648.6	W	W	900.4	—	905.3
<b>Ohio</b>									
July 2002 .....	15.2	W	846.8	3,637.4	NA	4,368.6	5,215.5	W	5,261.3
June 2002 .....	13.8	W	858.4	4,166.0	754.7	4,920.7	5,779.1	W	5,819.9
July 2001 .....	19.8	W	837.9	W	W	4,183.4	5,021.3	W	5,064.1
<b>Oklahoma</b>									
July 2002 .....	W	W	92.0	2,451.5	1,308.9	3,760.3	3,852.3	W	3,856.7
June 2002 .....	W	W	112.3	2,705.5	1,263.1	3,968.6	4,080.9	—	4,082.9
July 2001 .....	W	W	65.1	2,504.6	1,036.8	3,541.5	3,606.5	—	3,607.2
<b>South Dakota</b>									
July 2002 .....	—	0.4	25.8	674.5	38.2	712.7	738.5	—	738.9
June 2002 .....	W	W	39.0	623.0	33.7	656.6	695.6	—	696.3
July 2001 .....	W	W	W	W	W	W	751.0	—	754.2
<b>Tennessee</b>									
July 2002 .....	W	W	313.5	2,555.5	644.6	3,200.2	3,513.7	—	3,528.5
June 2002 .....	10.1	W	325.3	2,612.7	559.4	3,172.1	3,497.4	W	3,508.2
July 2001 .....	W	W	359.5	2,758.6	598.3	3,356.9	3,716.5	—	3,723.8
<b>Wisconsin</b>									
July 2002 .....	W	10.6	119.8	2,333.9	144.6	2,478.5	2,598.4	W	2,619.1
June 2002 .....	W	9.3	317.7	2,076.9	142.1	2,218.9	2,536.6	W	2,556.1
July 2001 .....	W	14.3	258.0	2,000.2	210.6	2,210.8	2,468.8	W	2,505.2
<b>PAD District III</b>									
July 2002 .....	W	W	2,244.8	18,553.7	6,331.0	24,884.8	27,129.5	W	27,424.7
June 2002 .....	W	1.2	2,126.8	18,384.1	6,799.2	25,183.3	27,310.1	W	27,658.4
July 2001 .....	550.3	W	2,361.5	17,298.3	6,734.5	24,032.8	26,394.3	W	26,952.7
<b>Alabama</b>									
July 2002 .....	W	W	340.0	1,633.2	W	W	2,216.0	—	2,217.1
June 2002 .....	2.4	—	299.3	1,628.2	W	W	2,228.4	—	2,230.8
July 2001 .....	2.7	—	341.9	1,706.8	232.7	1,939.5	2,281.4	—	2,284.1
<b>Arkansas</b>									
July 2002 .....	W	W	145.4	1,740.2	852.3	2,592.5	2,737.9	—	2,738.6
June 2002 .....	W	W	142.6	1,690.3	832.3	2,522.6	2,665.3	—	2,666.2
July 2001 .....	W	W	46.3	1,724.7	966.9	2,691.6	2,737.9	—	2,739.7
<b>Louisiana</b>									
July 2002 .....	W	—	879.4	1,698.7	W	W	W	—	4,723.3
June 2002 .....	W	—	942.6	1,619.6	W	W	W	—	4,919.7
July 2001 .....	W	—	735.5	1,556.7	W	W	W	—	5,071.6
<b>Mississippi</b>									
July 2002 .....	W	—	199.3	1,454.0	656.8	2,110.8	2,310.1	W	2,316.6
June 2002 .....	W	—	146.5	1,468.3	787.6	2,255.9	2,402.4	W	2,407.8
July 2001 .....	W	—	170.2	1,424.9	W	W	2,182.4	W	2,190.7
<b>New Mexico</b>									
July 2002 .....	W	—	—	1,174.6	W	W	W	—	1,268.9
June 2002 .....	W	—	—	1,220.4	W	W	W	—	1,297.4
July 2001 .....	W	W	—	1,191.8	W	W	W	—	1,342.7
<b>Texas</b>									
July 2002 .....	W	W	680.6	10,853.0	2,608.2	13,461.2	14,141.9	—	14,160.1
June 2002 .....	W	W	595.8	10,757.2	2,767.3	13,524.5	14,120.3	—	14,136.4
July 2001 .....	W	W	1,067.7	9,693.3	2,513.4	12,206.7	13,274.4	—	13,324.0
<b>PAD District IV</b>									
July 2002 .....	0.9	31.2	W	6,030.8	W	W	7,004.7	—	7,036.9
June 2002 .....	W	30.9	W	5,737.7	W	W	6,701.0	W	6,733.5
July 2001 .....	0.8	31.7	W	6,086.9	W	W	7,050.8	—	7,083.3
<b>Colorado</b>									
July 2002 .....	0.9	9.4	W	1,760.3	W	W	1,981.3	—	1,991.6
June 2002 .....	0.7	8.4	W	1,743.2	W	W	1,951.3	—	1,960.4
July 2001 .....	W	W	7.3	W	W	2,028.6	2,036.0	—	2,042.9

See footnotes at end of table.

**Table 50. Prime Supplier Sales Volumes of Distillate Fuel Oils and Kerosene by PAD District and State**

(Thousand Gallons per Day) — Continued

Geographic Area Month	Kerosene	No. 1 Distillate	No. 2 Distillate				No. 4 Fuel <sup>a</sup>	Total Distillate and Kerosene	
			No. 2 Fuel Oil	No. 2 Diesel Fuel		No. 2 Distillate			
				Low-Sulfur	High-Sulfur				Total
<b>Idaho</b>									
July 2002 .....	—	9.1	W	W	W	W	986.9	—	995.9
June 2002 .....	W	W	W	716.3	W	W	941.9	—	949.6
July 2001 .....	W	W	W	774.2	W	W	995.7	—	1,005.6
<b>Montana</b>									
July 2002 .....	—	8.4	W	W	—	W	973.7	—	982.1
June 2002 .....	—	9.5	W	822.6	W	W	845.7	—	855.2
July 2001 .....	—	10.8	W	W	W	W	963.9	—	974.7
<b>Utah</b>									
July 2002 .....	—	2.3	—	1,311.1	NA	1,561.2	1,561.2	—	1,563.5
June 2002 .....	—	W	W	1,236.3	W	W	1,489.2	W	1,492.2
July 2001 .....	W	W	W	1,370.4	W	W	1,579.7	—	1,581.7
<b>Wyoming</b>									
July 2002 .....	—	2.1	—	1,246.4	255.3	1,501.7	1,501.7	—	1,503.8
June 2002 .....	—	3.1	W	1,219.4	W	W	1,472.9	—	1,476.0
July 2001 .....	—	2.7	W	1,199.5	W	W	1,475.5	—	1,478.3
<b>PAD District V</b>									
July 2002 .....	W	157.8	W	16,670.8	W	W	20,011.9	W	20,269.4
June 2002 .....	W	120.6	W	17,115.8	W	W	19,975.0	W	20,212.3
July 2001 .....	7.2	W	W	17,249.4	W	W	20,589.1	W	20,827.5
<b>Alaska</b>									
July 2002 .....	—	W	160.4	NA	725.7	761.6	922.0	W	1,156.4
June 2002 .....	W	103.6	131.7	W	W	582.0	713.7	W	925.5
July 2001 .....	W	117.2	204.0	W	W	651.8	855.8	W	1,068.5
<b>Arizona</b>									
July 2002 .....	—	—	—	1,531.3	225.9	1,757.2	1,757.2	—	1,757.2
June 2002 .....	—	—	—	1,583.4	150.4	1,733.8	1,733.8	—	1,733.8
July 2001 .....	W	—	W	1,575.2	184.9	1,760.1	W	—	1,761.6
<b>California</b>									
July 2002 .....	2.3	—	—	10,689.2	38.3	10,727.5	10,727.5	—	10,729.8
June 2002 .....	2.7	—	—	10,997.8	23.3	11,021.0	11,021.0	—	11,023.7
July 2001 .....	W	—	—	10,803.9	85.6	10,889.5	10,889.5	W	10,892.1
<b>Hawaii</b>									
July 2002 .....	—	—	—	126.8	W	W	W	—	W
June 2002 .....	—	—	—	W	W	591.0	591.0	—	591.0
July 2001 .....	—	—	—	W	W	685.2	685.2	—	685.2
<b>Nevada</b>									
July 2002 .....	—	—	—	828.4	W	W	W	W	W
June 2002 .....	—	W	—	862.1	61.1	923.2	923.2	W	925.7
July 2001 .....	—	—	W	900.5	W	W	W	W	1,004.5
<b>Oregon</b>									
July 2002 .....	W	W	—	1,477.3	606.3	2,083.5	2,083.5	—	2,092.1
June 2002 .....	W	W	—	1,445.4	566.4	2,011.8	2,011.8	—	2,022.2
July 2001 .....	W	W	W	1,706.3	W	W	2,413.5	W	2,419.4
<b>Washington</b>									
July 2002 .....	—	10.0	W	1,981.9	W	W	2,914.5	—	2,924.5
June 2002 .....	—	10.0	W	2,063.7	W	W	2,980.4	—	2,990.4
July 2001 .....	—	15.1	W	2,107.0	W	W	2,981.2	—	2,996.3

Dash (—) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: Total Distillate = No. 1 Distillate + No. 2 Distillate + No. 4 Fuel Oil.

Notes: Values shown for the current month are preliminary. Values shown for previous months are revised. Data are final upon publication in the *Petroleum Marketing Annual*. Totals may not equal the sum of the components due to rounding.

<sup>a</sup> Includes No. 4 fuel oil and No. 4 diesel fuel.

Source: Energy Information Administration, Form EIA-782C, "Monthly Report of Prime Supplier Sales of Petroleum Products Sold for Local Consumption."

# Explanatory Notes

The Explanatory Notes contain descriptions of the survey forms, sampling frames, sample design, sampling variability, imputation and estimation, and other technical information concerning the surveys. You may obtain a complete set of the Explanatory Notes for the *Petroleum Marketing Monthly* through the following sources:

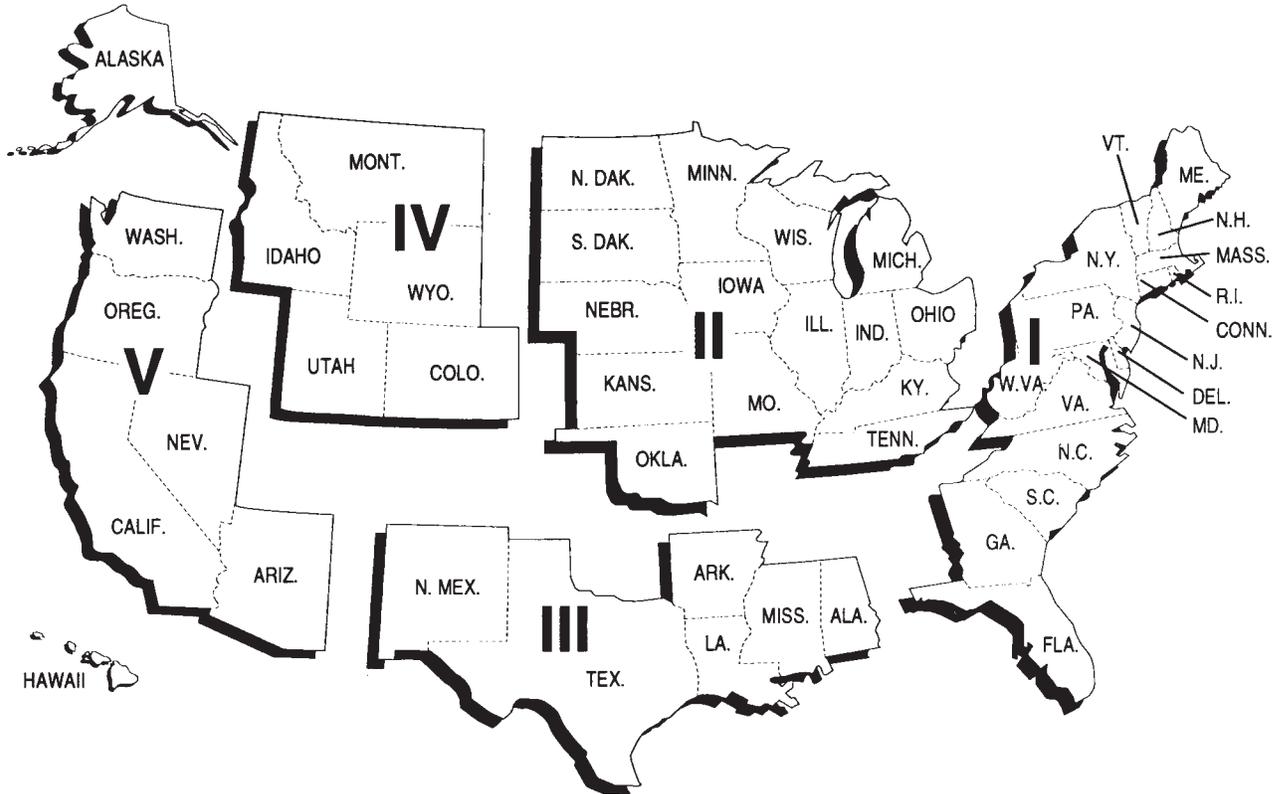
1) The EIA website at <http://www.eia.doe.gov>.

Once you are in the EIA Website, click on "Petroleum," then click on "Publications" and then scroll down and click on *Petroleum Marketing Annual*. Scroll down to the "Previous" and click on "historical," then click on "2000" and scroll down to the "Explanatory Notes" PDF file at the end.

2) The National Energy Information Center on (202) 586-8800 or [infoctr@eia.doe.gov](mailto:infoctr@eia.doe.gov).

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## Petroleum Administration for Defense (PAD) Districts



**Table EN1. Federal and State Motor Gasoline Taxes<sup>1</sup>  
(Cents per Gallon)**

	Motor Gasoline	Diesel Fuel	Gasohol		Motor Gasoline	Diesel Fuel	Gasohol
Federal <sup>2</sup> . . . . .	18.40	24.40	13.10	Mississippi <sup>4</sup> . . . . .	18.40	18.40	18.40
Average State Tax . . . . .	19.97	20.15	19.68	Missouri <sup>4</sup> . . . . .	17.00	17.00	17.00
				Montana <sup>4</sup> . . . . .	27.00	27.75	27.00
Alabama <sup>4</sup> . . . . .	18.00	19.00	18.00	Nebraska . . . . .	24.50	24.50	24.50
Alaska . . . . .	8.00	8.00	8.00	Nevada <sup>4</sup> . . . . .	24.75	27.75	24.75
Arizona . . . . .	18.00	26.00	18.00	New Hampshire . . . . .	19.50	19.50	19.50
Arkansas . . . . .	21.70	22.70	21.70	New Jersey <sup>3</sup> . . . . .	10.50	13.50	10.50
California <sup>3,4</sup> . . . . .	18.00	18.00	18.00	New Mexico . . . . .	18.50	19.50	18.50
Colorado . . . . .	22.00	20.50	22.00	New York <sup>3,4</sup> . . . . .	22.00	20.25	22.00
Connecticut <sup>3</sup> . . . . .	25.00	18.00	24.00	North Carolina . . . . .	24.10	24.10	24.10
Delaware . . . . .	23.00	22.00	23.00	North Dakota . . . . .	21.00	21.00	21.00
District of Columbia . . . . .	20.00	20.00	20.00	Ohio . . . . .	22.00	22.00	22.00
Florida <sup>4</sup> . . . . .	13.60	25.90	13.10	Oklahoma . . . . .	17.00	14.00	17.00
Georgia <sup>3,4</sup> . . . . .	7.50	7.50	7.50	Oregon <sup>4</sup> . . . . .	24.00	24.00	24.00
Hawaii <sup>3,4</sup> . . . . .	16.00	16.00	16.00	Pennsylvania . . . . .	26.00	30.90	26.00
Idaho . . . . .	25.00	25.00	22.50	Rhode Island . . . . .	29.00	29.00	29.00
Illinois <sup>3,4</sup> . . . . .	19.00	21.50	19.00	South Carolina <sup>4</sup> . . . . .	16.00	16.00	16.00
Indiana <sup>3</sup> . . . . .	15.00	16.00	15.00	South Dakota . . . . .	22.00	22.00	20.00
Iowa <sup>3</sup> . . . . .	20.00	22.50	19.00	Tennessee . . . . .	20.00	17.00	20.00
Kansas . . . . .	21.00	23.00	21.00	Texas . . . . .	20.00	20.00	20.00
Kentucky . . . . .	16.40	13.40	16.40	Utah . . . . .	24.50	24.50	24.50
Louisiana . . . . .	20.00	20.00	20.00	Vermont . . . . .	20.00	26.00	20.00
Maine . . . . .	22.00	23.00	22.00	Virginia <sup>3</sup> . . . . .	17.50	16.00	17.50
Maryland . . . . .	23.50	24.25	23.50	Washington <sup>4</sup> . . . . .	23.00	23.00	23.00
Massachusetts . . . . .	21.00	21.00	21.00	West Virginia . . . . .	25.65	25.65	25.65
Michigan <sup>3</sup> . . . . .	19.00	15.00	19.00	Wisconsin . . . . .	27.30	27.30	27.30
Minnesota . . . . .	20.00	20.00	20.00	Wyoming . . . . .	14.00	14.00	14.00

<sup>1</sup> This figure lists rates of general application (including, but not limited to, excise taxes, environmental taxes, special taxes, and inspection fees), exclusive of county and local taxes. Rates are also exclusive of any State taxes based on gross or net receipts. The State rates are based on the March 1, 2002 Federal Highway Administration tax rates.

<sup>2</sup> The Federal tax on motor gasoline and diesel fuel increased to 18.4 and 24.4 cents, respectively, on October 1, 1997. The Federal tax on gasohol increased to 13.1 cents on January 1, 2001.

<sup>3</sup> Additional State taxes are levied as follows: California: 7 percent sales tax; Connecticut: 5 percent gross earnings tax; Georgia: 4 percent sales tax; Hawaii: 4 percent gross income tax; Illinois: 6.25 percent sales tax (suspended for the period beginning July 1, 2000, and ending December 31, 2000); Indiana: 5 percent sales tax (suspended for the period between July 1, 2000 and September 15, 2000); Iowa: 1 percent environmental protection tax; Michigan: 6 percent sales tax; New Jersey: gross receipts tax of 4 cents per gallon for on-highway use fuels; New York: 4 percent sales tax; Virginia: 2 percent sales tax in areas where mass transit systems exist.

<sup>4</sup> Local option taxes (LOTS) are allowed. In Florida, the State assesses a State Comprehensive Enhanced Transportation System (SCETS) tax on gasoline which is two-thirds of each county's rate. In addition, the State collects a "ninth cent tax" and a second local tax. These taxes add an average of 12.3 cents to the gasoline State tax. In Hawaii, LOTS are as follows: Honolulu: 16.5 cents per gallon; Maui: 13.0 cents per gallon; Hawaii: 8.8 cents per gallon; Kauai: 10.0 cents per gallon.

# Product Guide

Category	Table	
	Prices	Volumes
<b>Crude Oil</b>		
<b>Refiner Acquisition Cost</b> .....	1	—
<b>Domestic First Purchases</b> .....	1	—
from selected States .....	21	—
by API gravity .....	23	—
for selected crude streams .....	22	—
<b>Imports</b>		
<b>F.O.B. Costs</b> .....	1	—
from selected countries .....	24	—
by API gravity .....	26	—
for selected crude streams .....	29	—
<b>Landed Costs</b> .....	1	—
from selected countries .....	25	—
by API gravity .....	27	—
for selected crude streams .....	30	—
<b>Percentage by Gravity Band</b> .....	28	—
<b>Motor Gasoline</b>		
all sellers .....	31	—
refiners .....	2,4,6,35	3,5,7,43,44
prime suppliers .....	—	48
<b>Conventional</b>		
all sellers .....	32	—
refiners .....	8	9,44
prime suppliers .....	—	48
<b>Oxygenated</b>		
all sellers .....	33	—
refiners .....	10	11,44
prime suppliers .....	—	48
<b>Reformulated</b>		
all sellers .....	34	—
refiners .....	12	13,44
prime suppliers .....	—	48
<b>Aviation Gasoline</b>		
refiners .....	2,4,36	3,5,45
prime suppliers .....	—	49
<b>Kerosene-Type Jet Fuel</b>		
refiners .....	2,4,36	3,5,45
prime suppliers .....	—	49
<b>Naphtha-Type Jet Fuel</b>		
prime suppliers .....	—	49
<b>Propane, Consumer Grade</b>		
all sellers .....	14,38	—
refiners .....	2,4	3,5,45
prime suppliers .....	—	49

## Product Guide

Category	Table	
	Prices	Volumes
<b>Kerosene</b>		
refiners .....	2,4,36	3,5,45
prime suppliers .....	—	50
<b>No. 1 Distillate</b> .....		
refiners .....	2,4,37	3,5,45
prime suppliers .....	—	50
<b>No. 2 Distillate</b> .....		
all sellers .....	15,18,39	—
refiners .....	2,4,37	3,5,46
prime suppliers .....	—	50
<b>No. 2 Diesel Fuel</b>		
all sellers .....	16,17,40	—
refiners .....	2,4	3,5,46
prime suppliers .....	—	50
<b>Low-Sulfur</b>		
all sellers .....	17,41	—
refiners .....	—	3,5,46
prime suppliers .....	—	50
<b>High-Sulfur</b>		
all sellers .....	17,41	—
refiners .....	—	3,5,46
prime suppliers .....	—	50
<b>No. 2 Fuel Oil</b>		
refiners .....	2,4	3,5,46
prime suppliers .....	—	50
<b>No. 4 Fuel</b>		
all sellers .....	37	—
refiners .....	2,4	3,5,47
prime suppliers .....	—	50
<b>Residual Fuel Oil</b>		
all sellers .....	42	—
refiners .....	2,4,19	3,5,20,47
prime suppliers .....	—	49
<b>Sulfur Content less than or equal to 1%</b>		
all sellers .....	42	—
refiners .....	19	20,47
prime suppliers .....	—	49
<b>Sulfur Content greater than 1%</b>		
all sellers .....	42	—
refiners .....	19	20,47
prime suppliers .....	—	49

# Glossary

**API Gravity:** An arbitrary scale expressing the gravity or density of liquid petroleum products. The measuring scale is calibrated in terms of degrees API; it may be calculated in terms of the following formula:

$$\text{Deg API} = \frac{1415}{\text{sp gr}_{60\text{degF}} / 60\text{degF}} - 1315$$

The higher the API gravity, the lighter the compound. Light crudes generally exceed 38 degrees API and heavy crudes are commonly labeled as all crudes with an API gravity of 22 degrees or below. Intermediate crudes fall in the range of 22 degrees to 38 degrees API gravity.

**ASTM:** American Society for Testing and Materials.

**Aviation Gasoline (Finished):** A complex mixture of relatively volatile hydrocarbons with or without small quantities of additives, blended to form a fuel suitable for use in aviation reciprocating engines. Fuel specifications are provided in ASTM Specification D 910 and Military Specification MIL-G-5572. *Note:* Data on blending components are not counted in data on finished aviation gasoline.

**Barrel:** A volumetric unit of measure for crude oil and petroleum products equivalent to 42 U.S. gallons.

**Bulk Sales:** Wholesale sales of gasoline in individual transactions which exceed the size of a truckload.

**CIF:** Cost, insurance, and freight. A type of sale in which the buyer of the product agrees to pay a unit price that includes the f.o.b. value of the product at the point of origin plus all costs of insurance and transportation. This type of transaction differs from a “delivered” purchase, in that the buyer accepts the quantity as determined at the loading port (as certified by the bill of lading and quality report) rather than pay based on the quantity and quality ascertained at the unloading port. It is similar to the terms of an f.o.b. sale, except that the seller, as a service for which he is compensated, arranges for transportation and insurance.

**Commercial Sector:** An energy-consuming sector that consists of service-providing facilities and equipment of businesses; Federal, State, and local governments; and other private and public organizations, such as religious, social, or fraternal groups. The commercial sector includes institutional living quarters. Common uses of energy associated with this sector include space heating, water heating, air conditioning, lighting, refrigeration, cooking, and running a wide variety of other equipment.

**Conventional Gasoline:** See Motor Gasoline.

**Crude Oil (including lease condensate):** A mixture of hydrocarbons that existed in liquid phase in underground reservoirs and remains liquid at atmospheric pressure after passing through surface separating facilities. Includes lease condensate and drip gas, as well as liquid hydrocarbons produced from tar sands, gilsonite, and oil shale. Excludes topped crude oil, residual oil, other unfinished oils, and liquids produced at natural gas processing plants and mixed with crude oil, where identifiable. Crude oil is considered as either domestic or imported according to the following:

- 1. Domestic Crude Oil:** Crude oil produced in the United States or from its “outer continental shelf” as defined in 43 U.S.C. 1331.
- 2. Imported Crude Oil:** Crude oil produced outside the United States and brought into the United States.
- 3. First purchase volume and cost data** for crude oil are classified in accordance with what the product was sold as, regardless of the actual specifications. Hence, its volumes may include some of the excluded liquids discussed above.

**Crude Oil Acquisitions (unfinished oil acquisitions):** The volume of crude oil either (1) acquired by the respondent for processing for its own account in accordance with accounting procedures generally accepted and consistently and historically applied by the refiner concerned, or (2) in the case of a processing agreement,

delivered to another refinery for processing for the respondent's own account.

Crude oil which has been added by a refiner to inventory, and which is thereafter sold or otherwise disposed of without processing for the account of that refiner, shall be deducted from its crude oil purchases at the time when the related cost is deducted from refinery inventory in accordance with accounting procedures generally applied by the refiner concerned.

**Dealer Tank Wagon (DTW) Sales:** Wholesale sales of gasoline priced on a delivered basis to a retail outlet.

**Distillate Fuel Oil:** A general classification for one of the petroleum fractions produced in conventional distillation operations. Products known as No. 1, No. 2, and No. 4 diesel fuel are used in on-highway diesel engines, such as those in railroad locomotives and agricultural machinery. Products known as No. 1, No. 2, and No. 4 fuel oils are used primarily for space heating and electric power generation.

1. **No. 1 Distillate:** A light petroleum distillate that can be used as either a diesel fuel (see **No. 1 Diesel Fuel**) or a fuel oil (See **No. 1 Fuel Oil**).

a. **No. 1 Diesel Fuel:** A light distillate fuel oil that has distillation temperatures of 550 degrees Fahrenheit at the 90-percent point and meets the specifications defined in ASTM Specification D 975. It is used in high-speed diesel engines generally operated under frequent speed and load changes, such as those in city buses and similar vehicles. See **No. 1 Distillate**.

b. **No. 1 Fuel Oil:** A light distillate fuel oil that has distillation temperatures of 400 degrees Fahrenheit at the 10-percent recovery point and 550 degrees Fahrenheit at the 90-percent point and meets the specifications defined in ASTM Specification D 396. It is used primarily as fuel for portable outdoor stoves and portable outdoor heaters. See **No. 1 Distillate**.

2. **No. 2 Distillate:** A petroleum distillate that can be used as either a diesel fuel (see **No. 2 Diesel Fuel**) or a fuel oil. See **No. 2 Fuel Oil**.

a. **No. 2 Diesel Fuel:** A fuel that has distillation temperatures of 500 degrees Fahrenheit at the 10-percent recovery point and 640 degrees Fahrenheit at the 90-percent recovery

point and meets the specifications defined in ASTM Specification D 975. It is used in high speed diesel engines that are generally operated under uniform speed and load conditions, such as those in railroad locomotives, trucks, and automobiles. See **No. 2 Distillate**.

• **Low Sulfur No. 2 Diesel Fuel:** No. 2 diesel fuel that has a sulfur level no higher than 0.05 percent by weight. It is used primarily in motor vehicle diesel engines for on-highway use.

• **High Sulfur No. 2 Diesel Fuel:** No. 2 diesel fuel that has a sulfur level above 0.05 percent by weight.

b. **No. 2 Fuel Oil (Heating Oil):** A distillate fuel oil that has distillation temperatures of 400 degrees Fahrenheit at the 10-percent recovery point and 640 degrees Fahrenheit at the 90-percent recovery point and meets the specifications defined in ASTM Specification D 396. It is used in atomizing type burners for domestic heating or for moderate capacity commercial/industrial burner units. See **No. 2 Distillate**.

**NOTE: Published volume and price data for No. 2 diesel fuel and No. 2 fuel oil are classified in accordance to what the product was sold as, regardless of the actual specifications of that product; i.e., if a No. 2 distillate was sold as a heating or fuel oil, the volume and price would be published in the category "No. 2 Fuel Oil" even if the product conformed to the higher specifications of a diesel fuel.**

3. **No. 4 Fuel:** A distillate fuel oil made by blending distillate fuel oil and residual fuel oil stocks. It conforms with ASTM Specification D 396 or Federal Specification VV-F-815C and is used extensively in industrial plants and in commercial burner installations that are not equipped with preheating facilities. It also includes No. 4 diesel fuel used for low-and medium-speed diesel engines and conforms to ASTM Specification D 975.

**First Purchase (of crude oil):** An equity (not custody) transaction involving an arms-length transfer of ownership of crude oil associated with the physical removal

of the crude oil from a property (lease) for the first time. A first purchase normally occurs at the time and place of ownership transfer where the crude oil volume sold is measured and recorded on a run ticket or other similar physical evidence of purchase. The reported cost is the actual amount paid by the purchaser, allowing for any adjustments (deductions or premiums) passed on to the producer or royalty owner.

**F.o.b. Price (free on board):** The f.o.b. price is the price actually charged at the producing country's port of loading. The reported price includes deductions for any rebates and discounts or additions of premiums where applicable and should be the actual price paid with no adjustment for credit terms.

**Gas Plant Operator:** Any firm, including a gas plant owner, which operates a gas plant and keeps the gas plant records. A gas plant is a facility in which natural gas liquids are separated from natural gas, or in which natural gas liquids are fractionated or otherwise separated into natural gas liquid products or both. For the purposes of this publication, gas plant operator data are contained in the refiner categories.

**Gasohol:** A blend of finished motor gasoline containing alcohol (generally ethanol but sometimes methanol) at a concentration of 10 percent or less by volume. Data on gasohol that has at least 2.7 percent oxygen, by weight, and is intended for sale inside carbon monoxide nonattainment areas are included in data on oxygenated gasoline. See **Oxygenates**.

**Industrial Sector:** An energy-consuming sector that consists of all facilities and equipment used for producing, processing, or assembling goods. The industrial sector encompasses the following types of activity: manufacturing; agriculture, forestry, and fisheries; mining; and construction. Overall energy use in this sector is largely for process heat and cooling and powering machinery, with lesser amounts used for facility heating, air conditioning, and lighting. Fossil fuels are also used as raw material inputs to manufactured products.

**Kerosene:** A light petroleum distillate that is used in space heaters, cook stoves, and water heaters and is suitable for use as a light source when burned in wick-fed lamps. Kerosene has a maximum distillation temperature of 400 degrees Fahrenheit at the 10-percent recovery point, a final boiling point of 572 degrees Fahrenheit, and a minimum flash point of 100 degrees Fahrenheit. Included are No. 1-K and No. 2-K, the two grades of kerosene called range or stove oil,

which have properties similar to those of No. 1 fuel oil. See **Kerosene-Type Jet Fuel**.

**Kerosene-Type Jet Fuel:** A kerosene-based product having a maximum distillation temperature of 400 degrees Fahrenheit at the 10-percent recovery point and a final maximum boiling point of 572 degrees Fahrenheit and meeting ASTM Specification D 1655 and Military Specifications MIL-T-5624P and MIL-T-83133D (Grades JP-5 and JP-8). It is used for commercial and military turbojet and turboprop aircraft engines.

**Landed Cost:** Landed cost represents the dollar per barrel price of crude oil at the port of discharge. Includes charges associated with the purchase, transporting, and insuring of a cargo from the purchase point to the port of discharge. Does not include charges incurred at the discharge port (e.g., import tariffs or fees, wharfage charges, and demurrage).

**Motor Gasoline (Finished):** A complex mixture of relatively volatile hydrocarbons with or without small quantities of additives, blended to form a fuel suitable for use in spark-ignition engines. Motor gasoline, as defined in ASTM Specification D-4814 or Federal Specification VV-G-1690B, is characterized as having a boiling range of 122 to 158 degrees Fahrenheit at the 10 percent recovery point to 365 to 374 degrees Fahrenheit at the 90 percent recovery point. "Motor Gasoline" includes conventional gasoline; all types of oxygenated gasoline, including gasohol; and reformulated gasoline, but excludes aviation gasoline. *Note:* Volumetric data on blending components, such as oxygenates, are not counted in data on finished motor gasoline until the blending components are blended into the gasoline.

- 1. Conventional Gasoline:** Motor gasoline not included in the oxygenated or reformulated gasoline categories. Excludes reformulated gasoline blendstock for oxygenate blending (RBOB).
- 2. Oxygenated Gasoline:** Finished motor gasoline, other than reformulated gasoline, having an oxygen content of 2.7 percent or higher by weight and required by the U.S. Environmental Protection Agency (EPA) to be sold in areas designated by EPA as carbon monoxide (CO) nonattainment areas. *Note:* Oxygenated gasoline excludes oxygenated fuels program reformulated gasoline (OPRG) and reformulated gasoline blendstock for oxygenate blending (RBOB). Data on gasohol that has at least 2.7 percent oxygen, by weight, and is intended for sale inside CO nonattainment areas are included in data on oxygenated gasoline. Other data on

gasohol are included in data on conventional gasoline.

- 3. Reformulated Gasoline:** Finished motor gasoline formulated for use in motor vehicles, the composition and properties of which meet the requirements of the reformulated gasoline regulations promulgated by the U.S. Environmental Protection Agency under Section 211(k) of the Clean Air Act. Note: This category includes oxygenated fuels program reformulated gasoline (OPRG) but excludes reformulated gasoline blendstock for oxygenate blending (RBOB).

**Gasoline Grades:** The classification of gasoline by octane ratings. Each type of gasoline (conventional, oxygenated, and reformulated) is classified by three grades - Regular, Midgrade, and Premium. Note: Gasoline sales are reported by grade in accordance with their classification at the time of sale. In general, automotive octane requirements are lower at high altitudes. Therefore, in some areas of the United States, such as the Rocky Mountain States, the octane ratings for the gasoline grades may be 2 or more octane points lower.

- 1. Regular Gasoline:** Gasoline having an antiknock index, i.e., octane rating, greater than or equal to 85 and less than 88. Note: Octane requirements may vary by altitude. See **Gasoline Grades**.

- 2. Midgrade Gasoline:** Gasoline having an antiknock index, i.e., octane rating, greater than or equal to 88 and less than or equal to 90. Note: Octane requirements may vary by altitude. See **Gasoline Grades**.

- 3. Premium Gasoline:** Gasoline having an antiknock index, i.e., octane rating, greater than 90. Note: Octane requirements may vary by altitude. See **Gasoline Grades**.

**MTBE (methyl tertiary butyl ether):** An ether eligible for gasoline blending, blends up to 15.0 percent by volume MTBE which must meet the ASTM D 4814 Specifications. Blenders must take precautions that the blends are not used as base gasolines for other oxygenated blends.

**Naphtha:** A generic term applied to a petroleum fraction with an approximate boiling range between 122 and 400 degrees Fahrenheit.

**Naphtha-Type Jet Fuel:** A fuel in the heavy naphtha boiling range with an average gravity of 52.8 degrees API, 20 to 90 percent distillation temperatures of 290 degrees to 470 degrees Fahrenheit, and meeting Military Specification MIL-T-5624L (Grade JP-4). It is used primarily for military turbojet and turboprop aircraft engines because it has a lower freeze point than other aviation fuels and meets engine requirements at high altitudes and speeds.

**Octane Rating:** A number used to indicate gasoline's antiknock performance in motor vehicle engines. The two recognized laboratory engine test methods for determining the antiknock rating, i.e., octane rating, of gasolines are the Research method and the Motor method. To provide a single number as guidance to the consumer, the antiknock index  $(R + M)/2$ , which is the average of the Research and Motor octane numbers, was developed.

**OPEC:** Organization of Petroleum Exporting Countries, oil-producing and exporting countries that have organized for the purpose of negotiating with oil companies on matters of oil production, prices, and future concession rights. Current members are Algeria, Gabon, Indonesia, Iran, Iraq, Kuwait, Libya, Nigeria, Qatar, Saudi Arabia, United Arab Emirates, and Venezuela. Prior to January 1, 1993, Ecuador was a member of OPEC.

**OPRG:** "Oxygenated Fuels Program Reformulated Gasoline" is reformulated gasoline which is intended for use in an oxygenated fuels program control area during an oxygenated fuels program control period.

**Other End Users:** For motor gasoline, all direct sales to end users other than those made through company outlets. For No. 2 distillate, all direct sales to end users other than residential, commercial/institutional, industrial sales, and sales through company outlets. Included in the "other end users" category are sales to utilities and agriculture.

**Oxygenated Gasoline:** See Motor Gasoline.

**Oxygenates:** Substances which, when added to gasoline, increase the amount of oxygen in that gasoline blend. Ethanol, Methyl Tertiary Butyl Ether (MTBE), Ethyl Tertiary Butyl Ether (ETBE), and methanol are common oxygenates.

**PAD District:** Petroleum Administration for Defense Districts

**PAD District I:**

**Subdistrict IA:** Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont.

**Subdistrict IB:** Delaware, District of Columbia, Maryland, New Jersey, New York, Pennsylvania.

**Subdistrict IC:** Florida, Georgia, North Carolina, South Carolina, Virginia, West Virginia.

**PAD District II:**

Illinois, Indiana, Iowa, Kansas, Kentucky, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, Oklahoma, South Dakota, Tennessee, Wisconsin.

**PAD District III:**

Alabama, Arkansas, Louisiana, Mississippi, New Mexico, Texas, Federal Offshore Gulf.

**PAD District IV:**

Colorado, Idaho, Montana, Utah, Wyoming.

**PAD District V:**

Alaska (North Slope and Other Mainland), Arizona, California, Hawaii, Nevada, Oregon, Washington, Federal Offshore California.

**Petrochemical Sales:** Sales of propane to a manufacturer of chemicals derived from petroleum or natural gas, or from raw materials derived from petroleum or natural gas.

**Petroleum Products:** Petroleum products are obtained from the processing of crude oil (including lease condensate), natural gas, and other hydrocarbon compounds. Petroleum products include unfinished oils, liquefied petroleum gases, pentanes, plus aviation gasoline, motor gasoline, naphtha-type jet fuel, kerosene, distillate fuel oil, residual fuel oil, petrochemical feedstocks, special naphthas, lubricants, waxes, petroleum coke, asphalt, road oil, still gas, and miscellaneous products.

**Prime Supplier:** A firm that produces, imports, or transports selected petroleum products across State boundaries and local marketing areas, and sells the product to local distributors, local retailers, or end users.

**Propane, Consumer Grade:** A normally gaseous paraffinic compound (C<sub>3</sub>H<sub>8</sub>), which includes all products covered by Natural Gas Policy Act (NGPA) Specifications for commercial use and HD-5 propane and ASTM Specification D 1835. It is a colorless paraffinic gas that boils at a temperature of -43.67 degrees Fahrenheit. It does not include the propane portion of any natural gas liquids (NGL) mixes; i.e., butane-propane mix.

**Rack Sales:** Wholesale truckload sales or smaller of gasoline where title transfers at a terminal.

**RBOB:** "Reformulated Gasoline Blendstock for Oxygenate Blending" is a motor gasoline blending component which, when blended with a specified type and percentage of oxygenate, meets the definition of reformulated gasoline.

**Reference Month:** The calendar month and year to which the reported cost, price, and volume information relates.

**Refiner:** A firm or the part of a firm that refines products or blends and substantially changes products, or refines liquid hydrocarbons from oil and gas field gases, or recovers liquefied petroleum gases incident to petroleum refining and sells those products to resellers, retailers, resellers/retailers, or ultimate consumers. "Refiner" includes any owner of products which contracts to have those products refined and then sells the refined products to resellers, retailers, or ultimate consumers. For the purposes of this publication, gas plant operator data are included in this category.

**Reformulated Gasoline:** See Motor Gasoline.

**Reseller:** A firm (other than a refiner) that carries on the trade or business of purchasing refined petroleum products and reselling them to purchasers other than ultimate consumers.

**Reseller/Retailer:** A firm (other than a refiner) that carries on the trade or business activities of both a reseller and a retailer; i.e., purchasing refined petroleum products and reselling them to purchasers who may be either ultimate or other than ultimate consumers.

**Residential Sector:** An energy-consuming sector that consists of living quarters for private households. Common uses of energy associated with this sector include space heating, water heating, air conditioning, lighting, refrigeration, cooking, and running a variety of other appliances. The residential sector excludes institutional living quarters.

**Residual Fuel Oil:** A general classification for the heavier oils, known as No. 5 and No. 6 fuel oils, that remain after the distillate fuel oils and lighter hydrocarbons are distilled away in refinery operations. It conforms to ASTM Specification D 396 and D 975 and Federal Specification VV-F-815C. No. 5, a residual fuel oil of medium viscosity, is also known as Navy Special and is defined in Military Specification MIL-F-859E, including Amendment 2 (NATO Symbol F-77). It is used in steam-powered vessels in government service and inshore powerplants. No. 6 fuel oil includes Bunker C fuel oil and is used for the production of electric power, space heating, vessel bunkering, and various industrial purposes.

**Retailer:** A firm (other than a refiner, reseller, or reseller/retailer) that carries on the trade or business of purchasing refined petroleum products and reselling them to ultimate consumers.

**Retail Outlet:** Any company-owned outlet (e.g., service station) selling gasoline, on-highway low-sulfur diesel fuel, or propane for on-highway vehicle use which is under the direct control of the firm filing the EIA-782 by virtue of the ability to set the retail product price and directly collect all or part of the retail margin. This category includes retail outlets: (1) being operated by salaried employees of the company and/or its subsidiaries and affiliates, and/or (2) involving personnel services contracted by the firm.

**Sale:** The transfer of title from the seller to a buyer for a price. Excludes intrafirm transfers, products consumed directly by the reporting firm, or sales of bonded fuel. Also excludes products delivered/loaned to exchange partners, except where the amount supplied exceeds the amount received and the differential is invoiced as a sale during the reference month.

**Sales for Resale:** Sales of refined petroleum products to purchasers who are other-than-ultimate consumers; wholesale sales.

**Sales to End Users:** Sales made directly to the consumer of the product. Includes bulk consumers such as

agriculture, industry, and utilities, as well as residential and commercial consumers.

**Sales Type:** Sales categories of sales to end users and sales for resale.

**Sulfur:** A yellowish nonmetallic element, sometimes known as "brimstone." It is present at various levels of concentration in many fossil fuels whose combustion releases sulfur compounds that are considered harmful to the environment. Some of the most commonly used fossil fuels are categorized according to their sulfur content, with lower sulfur fuels usually selling at a higher price. *Note:* No. 2 Distillate fuel is currently reported as having either a 0.05 percent or lower sulfur level for on-highway vehicle use or a greater than 0.05 percent sulfur level for off-highway use, home heating oil, and commercial and industrial uses. Residual fuel, regardless of use, is classified as having either no more than 1 percent sulfur or greater than 1 percent sulfur. Coal is also classified as being low-sulfur at concentrations of 1 percent or less or high-sulfur at concentrations greater than 1 percent.

**Unit Price:** Total revenue derived from the sale of product during the reference month divided by the total volume sold; also known as the weighted average price. Total revenue excludes all taxes but includes transportation costs that were paid as part of the purchase price.

**United States:** For the crude oil statistics, the United States includes the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, and all American Territories and Possessions. For the petroleum products data, United States includes the 50 States and the District of Columbia.

**Wellhead:** The point at which the crude (and/or natural gas) exits the ground. Following historical precedent, the volume and price for crude oil production are labeled as "wellhead," even though the cost and volume are now generally measured at the lease boundary. In the context of domestic crude price data, the term "wellhead" is the generic term used to reference the production site or lease property.

# Articles

Feature articles on energy-related subjects are frequently included in this publication. The following articles and special focus items have appeared in previous issues.

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