

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 Marketing 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 five 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 reported in the Conventional gasoline category by appropriate grade in the Prime Supplier Sales Volumes section, but are excluded from gasoline sales prices and volumes in all other sections of the publication. Leaded gasoline is 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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Highlights

International crude oil prices increased considerably during March. The major cause of change from the overall downward trend in prices seen during the past year sprang from the latest production cut agreement among members of the Organization of Petroleum Exporting Countries (OPEC). The core of the formal agreement arising from the group's late March meeting in Vienna, Austria was developed two weeks earlier by a group of producer/exporter nations in The Hague, Netherlands. This arrangement, since dubbed the Hague Pact, included pledges from such OPEC members as Saudi Arabia, Iran, Venezuela, and Algeria along with non-OPEC nations as Mexico and Oman. The ratified version of the OPEC agreement was met with promises for production cuts from non-OPEC exporters Mexico, Norway, Oman, and Russia in the amounts of 125,000 barrels per day, 100,000 barrels per day, 63,000 barrels per day, and 100,000 barrels per day, respectively, in addition to the 1.7 million barrels-per-day reduction from OPEC. The revised production quotas become effective April 1, 1999 and will remain in place for one year. Iraq was not included in the accord. In addition to the new production cut agreement, crude oil prices were bolstered by other market-related events throughout the month. Prices climbed at the start of March in reaction to U.S. bombing raids that damaged Iraqi oil export facilities. More specifically, speculation as to how long repairs would take fueled market price movements. (EIA estimates crude exports from Iraq averaged about 3.8 percent of total world supply during the first two months of 1999.) Changes in fundamental market factors which have pressured prices lower in recent months also played a part in rising crude oil prices. Preliminary informa-

tion indicates non-OPEC crude oil production fell during March, and declines in finished product stocks and increasing demand in various markets in Europe and North America also helped sustain growing crude oil prices. A period of more seasonal temperatures in the Northern Hemisphere and problems at various U.S. refining facilities also lent support to international crude oil prices.

In the United States, crude oil and finished product prices surged during March. While the OPEC production cut agreement underpinned crude oil prices here and abroad, a spate of refinery problems in California caused finished product prices to skyrocket in that State's markets. More specifically, the Los Angeles spot market price for reformulated gasoline more than doubled during March, climbing nearly 53.0 cents per gallon and closing the month at \$1.02 per gallon. The price

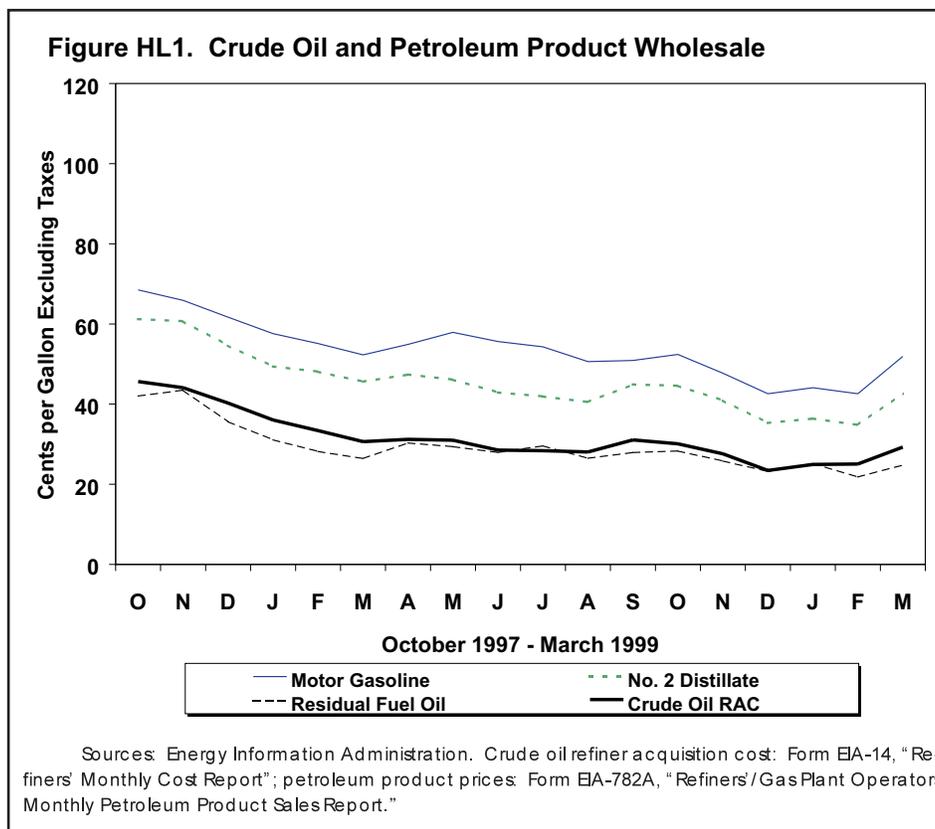


Table HL1. U.S. Refiner Prices and Volumes of Petroleum Products

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

Products	Sales to End Users						Sales for Resale					
	March 1999		February 1999		March 1998		March 1999		February 1999		March 1998	
	Price	Volume	Price	Volume	Price	Volume	Price	Volume	Price	Volume	Price	Volume
Motor Gasoline	64.8	64.5	56.8	63.6	65.6	64.3	51.9	304.5	42.6	290.3	52.3	291.1
Conventional	60.5	39.3	52.9	38.6	64.3	39.0	48.0	203.2	38.5	188.6	49.8	195.3
Regular	56.4	26.9	48.4	26.1	60.4	27.1	45.8	154.1	36.2	140.6	47.8	149.9
Midgrade	66.1	6.3	58.5	6.2	69.5	6.1	52.0	15.7	42.4	14.9	53.3	15.7
Premium	72.8	6.0	66.0	6.3	77.3	5.8	56.0	33.5	46.5	33.1	57.9	29.8
Oxygenated	71.1	2.9	59.9	3.3	68.4	2.9	60.1	9.2	50.2	11.4	57.7	7.4
Regular	67.8	2.2	56.2	2.5	65.6	2.4	58.1	6.6	47.9	8.3	56.0	5.5
Midgrade	77.2	0.4	66.8	0.5	75.8	0.3	60.7	1.3	51.8	1.3	59.6	1.0
Premium	87.7	0.3	76.8	0.4	84.5	0.2	70.0	1.3	59.7	1.7	66.9	0.8
Reformulated	71.6	22.3	63.3	21.6	67.4	22.4	59.6	92.1	50.1	90.4	57.5	88.4
Regular	67.3	14.6	58.1	14.0	62.5	14.8	56.6	61.8	46.4	59.9	54.1	58.4
Midgrade	76.9	3.8	68.9	3.7	72.7	3.7	63.7	10.1	55.4	10.0	60.8	10.4
Premium	82.8	3.9	76.1	3.9	81.0	3.9	66.6	20.2	58.6	20.5	65.8	19.6
Aviation Gasoline	89.7	0.1	85.0	0.1	98.2	0.1	86.1	0.6	78.9	0.5	90.4	0.6
Kerosene-Type Jet Fuel	39.4	46.8	36.3	46.5	45.3	47.6	39.3	13.2	35.0	14.9	45.7	12.6
Propane (Consumer Grade)	41.4	4.3	39.3	4.5	43.8	4.1	27.0	36.2	26.2	36.7	31.2	33.9
Kerosene	50.4	0.4	46.8	0.6	65.3	0.3	44.0	2.6	38.3	3.1	47.6	2.9
No. 1 Distillate	NA	NA	NA	NA	56.0	0.4	49.1	1.3	44.7	2.5	54.3	1.1
No. 2 Distillate	45.8	25.7	40.3	25.3	51.1	24.9	42.7	129.3	34.8	129.8	45.6	120.5
No. 2 Fuel Oil	46.0	3.7	40.4	3.9	53.9	2.6	39.6	30.9	33.0	38.0	44.9	32.0
No. 2 Diesel Fuel	45.8	22.0	40.3	21.3	50.8	22.3	43.6	98.4	35.5	91.8	45.8	88.5
Low Sulfur	48.0	14.8	42.0	14.1	52.5	14.3	44.2	83.8	35.9	78.0	46.2	73.9
High Sulfur	41.3	7.2	36.9	7.2	47.7	7.9	40.1	14.6	33.2	13.8	43.9	14.5
No. 4 Fuel^a	40.2	0.4	38.6	0.5	46.0	0.4	32.6	0.3	29.7	0.3	37.5	0.3
Residual Fuel Oil	28.0	14.7	25.8	16.2	28.6	15.5	24.8	11.3	21.8	17.6	26.4	12.7
Sulfur Content not > 1 %	31.4	4.1	30.6	4.4	35.6	4.2	27.2	3.2	21.9	5.3	29.4	5.5
Sulfur Content > 1 %	26.7	10.6	24.0	11.9	26.0	11.3	23.9	8.0	21.8	12.3	24.0	7.2

NA = Not available.

^a 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."

for CARB diesel fuel underwent almost the same level of change, rising from 42.3 cents per gallon at the start of the month and closing March at 70.5 cents per gallon. The situation also had a significant effect on all other regional markets' prices. As the monetary incentive to supply this market grew, producers diverted product normally bound for other regions to California. As expected, this development caused prices to rise in other markets, especially at mid-continent. EIA data show stockdraws from February positions in gasoline supplies at the national level with total stocks dropping approximately 6 percent and reformulated gasoline stocks falling 4.6 percent. Further, a comparison of current stock levels and year-ago rates indicate a difference of less than 1 percent, the smallest since September 1997. In Northeastern markets, distillate prices picked up as forecasts for colder temperatures and inclement winter weather materialized. Additional encourage-

ment for rising prices arose from supply data that indicated an overall decline in distillate stocks for the second month in a row.

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

Crude Oil

The daily spot price at Cushing, Oklahoma for West Texas Intermediate (WTI) crude oil rose dramatically during March. The increase occurred chiefly in response to a production cut agreement formulated by a number of oil exporting countries. Opening at \$12.31

per barrel, the price began a steady climb that continued through the end of the month. The closing price of \$16.66 per barrel was the highest level seen in the past 6 months, and marked the high end of a \$4.35-per-barrel monthly range.

- March monthly average crude oil prices show substantial increases from February levels. The average domestic crude oil first purchase price rose \$2.02 (23.5 percent), to \$10.60 per barrel.
- The average free-on-board (f.o.b.) cost of imported crude oil experienced the largest increase, rising \$2.28 (24.6 percent), to \$11.56 per barrel. The average landed cost of foreign crude oil rose \$1.96 (18.9 percent), to \$12.34 per barrel.
- The monthly average acquisition cost for domestic crude oil climbed \$1.32 (12.0 percent), to \$12.29 per barrel. The average cost of imported crude oil to U.S. refiners rose \$2.09 (20.5 percent), to \$12.31 per barrel. The composite refiner acquisition cost of crude oil increased \$1.78 (16.9 percent), to \$12.30 per barrel.

Petroleum Products

Motor Gasoline

The March daily spot price for unleaded regular gasoline at New York Harbor experienced significant gains as a result of a mixture of factors including refinery outages in California, rising crude oil prices, and reports indicating stock decreases. The price opened the month at 33.6 cents per gallon and continued on an upward path for the rest of March. As the refinery problems in California intensified late in the month, the price rose 4.3 cents per gallon during the final days of March. Closing at 53.1 cents per gallon, the price was a remarkable 19.5 cents higher than where it began the month.

- Reflecting the trend seen in other market sectors, March monthly average gasoline prices show considerable increases in all categories of sales. The average price for retail sales of motor gasoline by refiners rose 8.0 cents, to 64.8 cents per gallon, while the average wholesale price climbed 9.3 cents to 51.9 cents per gallon. Including data reported by a sample of motor gasoline marketers, the national average retail price at company-operated retail outlets increased 7.3 cents to 63.2 cents per gallon. The aver-

age wholesale price rose 9.2 cents to 52.1 cents per gallon. The average dealer tank wagon (DTW) price increased 7.8 cents to 58.9 cents per gallon while the average rack price jumped 10.4 cents to 49.8 cents per gallon. The average price for bulk sales rose 7.8 cents per gallon. The range between reformulated and conventional gasoline prices was 7.8 cents at retail and 9.1 cents at wholesale. The difference between conventional and oxygenated gasoline prices was 9.3 cents at retail and 10.9 cents at wholesale.

- Despite the sharp rise in prices, sales of finished motor gasoline by refiners grew in March. Total sales increased 15.1 million gallons per day (4.3 percent), to an average of 369.0 million gallons per day. Retail sales rose 900,000 gallons per day (1.4 percent), while wholesales increased 14.2 million gallons per day (4.9 percent). Rack sales constituted 62.7 percent of total wholesales, while DTW and bulk sales accounted for 24.0 percent and 13.3 percent, respectively. Reformulated gasoline (RFG) made up 31.0 percent of total motor gasoline sales, while oxygenated gasoline accounted for 3.3 percent of sales.

No. 2 Distillate

In an about-face from February's trend, the daily spot price for No. 2 heating oil at New York Harbor rose significantly during March. The price opened the month at 32.3 cents per gallon and continued to rise throughout March, driven by increases in other product prices and colder winter weather in the Northeast. The price reached its high of 44.5 cents per gallon on March 30. Closing the month at 44.2 cents per gallon, the price was 11.9 cents higher than where it started the month.

- Like gasoline prices, March No. 2 distillate prices rose in all categories of sales. The national average residential price increased 1.0 cent to 80.8 cents per gallon. The average wholesale price jumped 7.3 cents to 43.3 cents per gallon. The average price for No. 2 diesel fuel at company-operated retail outlets rose 4.6 cents, while the average wholesale price grew 7.9 cents. The variation between low- and high-sulfur diesel fuel prices was 1.1 cents at retail and 3.3 cents at wholesale.
- Refiner sales of No. 2 distillate were mixed in March. Overall sales of No. 2 distillate remained even with February's rate of 155.0 million gallons per day. Sales of No. 2 fuel fell 7.3 million gallons per day (17.4 percent), while No. 2 diesel fuel sales rose 7.3 million gallons per day (6.5 percent). Low-sulfur diesel fuel sales accounted for 81.9 percent of all re-

finer diesel fuel sales, and 63.6 percent of all refiner No. 2 distillate sales.

Residual Fuel Oil

- Following the general trend, residual fuel oil prices rose in all categories of sales during March. Refiner prices for low-sulfur residual fuel increased 0.8 cent to 31.4 cents per gallon at retail, and 5.3 cents to 27.2 cents per gallon at wholesale. High-sulfur residual fuel prices climbed 2.7 cents to 26.7 cents per gallon at retail, and 2.1 cents to 23.9 cents per gallon at wholesale. Including data reported by the sample of residual fuel oil marketers, the average low-sulfur price rose 1.0 cent to 32.8 cents per gallon at retail, and 4.6 cents to 27.0 cents per gallon at wholesale. The average price for high-sulfur residual fuel oil increased 2.6 cents to 27.0 cents per gallon at retail, and 2.4 cents to 24.1 cents per gallon at wholesale.
- Residual fuel oil sales by refiners declined in March. Total sales decreased 7.8 million gallons per day (23.1 percent), to 26.0 million gallons per day. Low-sulfur residual fuel sales fell 2.4 million gallons per day (24.7 percent), while high-sulfur residual

fuel sales dropped 5.6 million gallons per day (23.1 percent).

Other Products

- Prices for other surveyed products increased in March. Refiner propane prices rose 2.1 cents per gallon at retail, and 0.8 cent per gallon at wholesale. Including data from a sample of propane marketers, the average residential propane price increased 0.4 cent per gallon. The average retail price for propane also rose 0.4 cent, while the average wholesale price increased 0.5 cent per gallon. Prices for the remaining products, kerosene-type jet fuel, aviation gasoline, kerosene, and Nos. 1 and 4 distillates, rose at both levels.
- March sales of products included in this section were mixed. Refiner sales of propane and kerosene declined at retail and wholesale, while aviation gasoline sales rose at both levels. Kerosene-type jet fuel sales increased at retail but fell at wholesale. Sales of No. 4 distillate declined at retail and rose at wholesale, while sales of No. 1 distillate declined at wholesale.

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	1998											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Crude Oil												
Refiner Acquisition Cost												
Domestic	15.87	14.77	13.52	13.47	13.52	12.43	12.39	12.45	13.40	13.42	12.49	10.52
Imported	14.55	13.41	12.36	12.85	12.66	11.67	11.56	11.34	12.78	12.12	10.99	9.39
Composite	15.14	14.03	12.87	13.10	13.01	11.98	11.92	11.79	13.04	12.64	11.59	9.84
Motor Gasoline												
Sales to End Users Through Retail Outlets												
Regular												
U.S.	68.6	64.8	62.0	63.4	66.4	65.7	64.0	61.3	60.0	61.1	58.4	53.8
PADD 1	67.1	62.9	59.7	60.6	62.1	62.0	60.1	57.8	56.4	58.6	57.0	52.6
PADD 2	64.5	63.5	62.7	64.7	68.0	66.8	65.6	61.6	60.3	61.0	56.6	50.6
PADD 3	67.0	63.6	60.7	60.6	61.7	61.1	59.6	57.1	55.7	57.5	54.9	50.7
PADD 5	80.9	71.5	65.0	68.3	75.2	73.5	70.7	69.9	68.7	68.7	67.7	66.6
Sales for Resale												
Regular												
U.S.	55.3	53.2	50.5	53.1	55.8	53.4	51.9	48.2	48.6	49.8	45.0	39.9
PADD 1	55.9	53.1	50.4	52.6	54.1	51.8	49.9	46.7	47.4	49.3	44.4	39.3
PADD 2	51.9	52.5	50.8	53.8	56.9	54.7	53.1	47.8	48.3	48.9	42.7	37.3
PADD 3	51.7	49.7	47.5	48.9	50.6	48.3	47.0	42.5	43.0	45.5	39.8	34.6
PADD 5	66.0	59.2	54.2	59.1	64.4	60.8	58.8	57.7	57.1	56.7	56.1	53.3
No. 2 Distillate Fuel Oil												
Sales to End Users, Residential												
U.S.	92.5	91.5	89.6	87.6	84.8	81.1	77.6	75.5	77.0	78.6	79.9	79.0
PADD 1	93.6	92.7	90.8	88.5	85.8	82.1	78.3	76.1	77.6	79.1	80.5	79.8
PADD 2	82.5	80.6	79.4	79.0	76.3	74.2	72.7	70.8	72.5	73.8	73.1	71.3
PADD 3	66.2	64.7	62.3	63.0	61.2	W	W	55.1	59.8	57.9	55.6	51.9
PADD 5	98.9	95.0	92.8	92.7	90.9	86.3	82.7	84.1	86.5	88.7	89.2	88.4
Sales to End Users Through Retail Outlets^b												
U.S.	66.3	63.5	61.6	61.6	61.9	59.1	57.9	56.2	58.1	58.8	56.6	52.4
PADD 1	67.5	64.8	62.7	62.3	62.0	60.0	57.6	55.8	57.4	58.4	56.5	53.1
PADD 2	64.5	62.4	61.1	60.8	60.5	57.7	56.9	54.8	57.5	58.1	55.9	50.9
PADD 3	62.5	60.3	57.8	57.7	58.5	55.7	54.6	52.5	53.9	54.6	52.2	48.9
PADD 5	76.4	70.8	66.4	69.0	70.3	66.5	66.8	67.4	68.4	67.7	66.7	63.8
Sales for Resale												
U.S.	51.0	49.6	47.1	48.5	47.3	44.1	42.7	41.3	45.5	45.2	41.8	36.7
PADD 1	51.8	49.9	47.3	47.4	45.8	42.6	41.1	39.2	43.9	43.7	40.6	36.9
PADD 2	48.7	49.3	47.3	49.1	47.9	44.4	43.5	41.9	46.6	46.1	42.3	36.1
PADD 3	49.6	47.7	45.2	45.8	44.5	42.6	40.1	37.8	42.1	42.6	38.7	33.7
PADD 5	54.5	50.9	47.6	53.0	52.1	47.3	47.6	48.9	50.3	49.5	48.9	42.7
Kerosene-Type Jet Fuel												
Sales to End Users												
U.S.	52.3	49.9	45.3	46.6	46.7	42.8	43.4	43.6	44.9	46.9	44.0	37.5
PADD 1	51.4	49.9	45.6	46.1	45.9	43.1	43.6	41.6	43.9	46.4	43.7	36.1
PADD 2	52.5	51.3	46.2	47.5	47.3	44.3	44.5	42.5	44.9	47.4	44.4	37.1
PADD 3	49.2	48.1	43.3	44.2	44.1	41.2	41.7	40.1	42.3	44.4	40.8	33.9
PADD 5	54.3	49.5	45.0	47.7	48.3	42.1	43.3	47.5	46.5	48.2	45.4	40.4
Sales for Resale												
U.S.	53.4	50.2	45.7	46.6	46.9	43.5	43.8	42.9	44.6	45.8	43.1	36.5
PADD 1	52.8	51.1	46.9	47.4	47.2	44.5	44.8	43.2	44.8	46.8	44.9	36.4
PADD 2	53.1	51.6	47.5	48.7	48.6	46.7	46.1	43.4	46.5	48.4	45.2	37.5
PADD 3	49.9	48.2	43.5	43.6	43.9	41.2	41.1	39.1	41.5	43.2	40.6	33.7
PADD 5	56.8	50.7	46.8	48.5	48.6	43.8	45.9	48.1	47.4	49.1	47.7	42.4
Residual Fuel Oil												
Sales to End Users												
U.S.	36.4	33.7	29.8	32.5	32.5	31.7	31.5	29.1	27.7	30.1	30.0	26.4
Sales for Resale												
U.S.	32.5	29.5	27.2	30.6	29.6	28.1	29.7	27.0	27.9	28.5	26.3	23.6

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	1999											
	Jan	Feb	Mar	Apr ^a	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Crude Oil												
Refiner Acquisition Cost												
Domestic	10.96	10.97	12.29	NA								
Imported	10.16	10.22	12.31	NA								
Composite	10.47	10.52	12.30	NA								
Motor Gasoline												
Sales to End Users Through Retail Outlets												
Regular												
U.S.	53.4	51.6	59.2	72.4								
PADD 1	51.1	49.1	53.9	64.8								
PADD 2	51.8	49.8	59.4	70.3								
PADD 3	49.5	48.4	54.3	65.6								
PADD 5	65.8	63.8	74.3	103.1								
Sales for Resale												
Regular												
U.S.	41.6	40.1	49.6	60.3								
PADD 1	40.6	38.7	46.1	55.4								
PADD 2	40.3	38.2	48.9	58.5								
PADD 3	36.8	35.7	43.3	52.0								
PADD 5	51.8	51.2	65.7	84.1								
No. 2 Distillate Fuel Oil												
Sales to End Users, Residential												
U.S.	80.4	79.8	80.8	80.8								
PADD 1	81.3	80.5	81.3	81.0								
PADD 2	71.7	71.1	73.7	74.6								
PADD 3	53.8	51.0	56.6	53.1								
PADD 5	87.1	87.1	93.2	98.5								
Sales to End Users Through Retail Outlets^b												
U.S.	51.5	50.3	54.9	63.0								
PADD 1	52.4	50.7	54.1	59.9								
PADD 2	50.6	49.1	54.1	61.1								
PADD 3	47.7	47.0	50.6	57.8								
PADD 5	61.7	61.8	69.3	83.1								
Sales for Resale												
U.S.	37.7	36.0	43.3	48.4								
PADD 1	38.2	36.0	41.8	46.9								
PADD 2	37.4	35.7	43.4	50.3								
PADD 3	35.1	32.9	39.2	44.9								
PADD 5	41.2	41.5	NA	60.4								
Kerosene-Type Jet Fuel												
Sales to End Users												
U.S.	37.8	36.3	39.4	48.3								
PADD 1	36.3	34.9	38.8	45.8								
PADD 2	37.8	36.0	39.5	46.4								
PADD 3	35.3	33.9	36.9	43.6								
PADD 5	40.6	39.3	41.2	54.3								
Sales for Resale												
U.S.	36.9	35.0	39.3	47.0								
PADD 1	36.9	34.9	39.9	45.7								
PADD 2	38.1	36.0	40.1	46.9								
PADD 3	34.9	31.8	36.9	42.9								
PADD 5	41.9	41.4	42.3	55.2								
Residual Fuel Oil												
Sales to End Users												
U.S.	28.2	26.7	28.8	32.6								
Sales for Resale												
U.S.	25.2	21.9	25.2	29.1								

Dash (—) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

^a 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.

^b 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. ^a Cost of Crude Oil Imports ^b	Average Landed Cost of Crude Oil Imports ^b	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						
January	21.76	21.19	22.21	24.25	23.02	23.59
February	19.38	18.99	19.98	22.49	20.88	21.64
March	17.83	17.11	18.45	20.57	19.16	19.82
April	16.63	16.20	17.52	19.02	17.83	18.35
May	17.23	16.81	17.87	19.08	18.55	18.79
June	15.88	15.99	17.12	18.31	17.35	17.80
July	15.89	16.37	17.27	18.25	17.49	17.84
August	16.19	16.68	17.78	18.47	17.96	18.19
September	16.41	16.76	17.85	18.48	17.85	18.14
October	17.66	17.26	18.51	19.68	18.73	19.17
November	16.83	16.12	17.35	19.23	17.88	18.52
December	15.04	14.21	15.70	17.92	15.95	16.91
1997	17.23	16.94	18.11	19.61	18.53	19.04
1998						
January	13.48	12.76	14.12	15.87	14.55	15.14
February	12.16	11.72	13.11	14.77	13.41	14.03
March	11.53	11.08	12.39	13.52	12.36	12.87
April	11.64	11.18	12.34	13.47	12.85	13.10
May	11.49	11.28	12.24	13.52	12.66	13.01
June	10.00	10.17	11.27	12.43	11.67	11.98
July	10.46	10.37	11.41	12.39	11.56	11.92
August	10.18	10.20	11.29	12.45	11.34	11.79
September	11.28	11.75	12.47	13.40	12.78	13.04
October	11.32	11.00	11.97	13.42	12.12	12.64
November	9.65	9.36	10.48	12.49	10.99	11.59
December	8.05	8.18	9.30	10.52	9.39	9.84
1998	10.88	10.75	11.84	13.21	12.10	12.57
1999						
January	8.59	9.15	10.16	10.96	10.16	10.47
February	8.58	9.28	10.38	10.97	10.22	10.52
March	10.60	11.56	12.34	12.29	12.31	12.30
April ^c	NA	NA	NA	NA	NA	NA

E = Estimated data.

^a Free on Board. See Glossary.

^b 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.

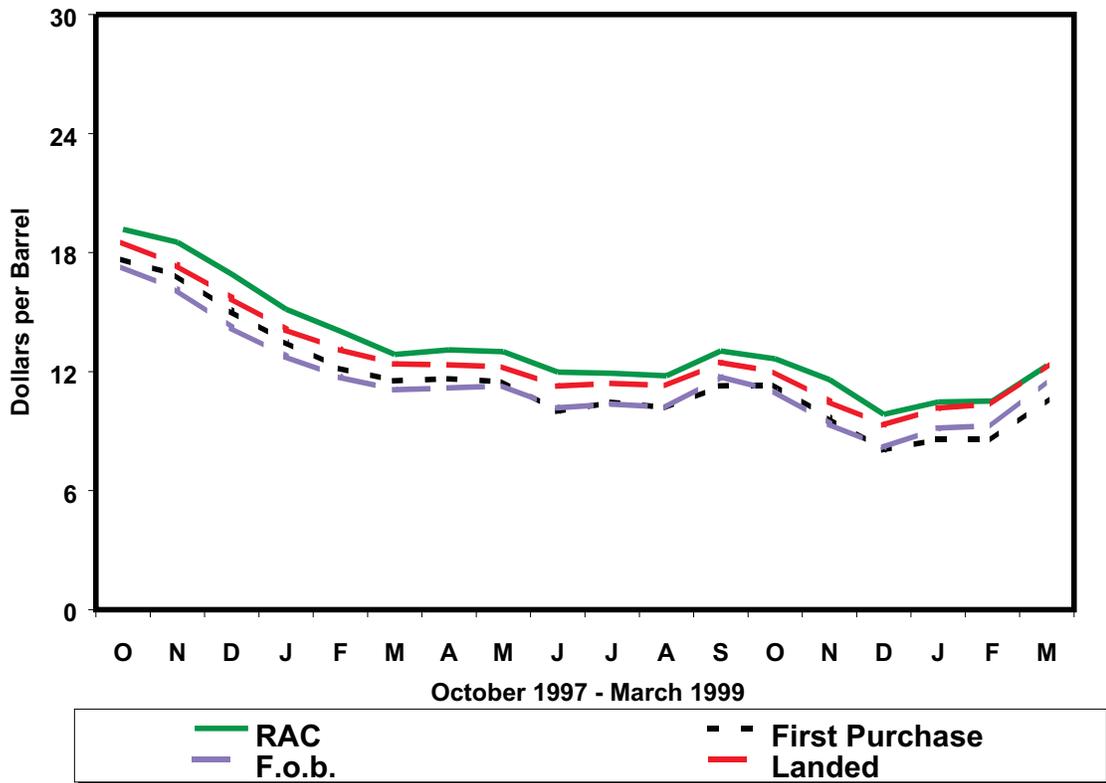
NA = Not available.

^c 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 ^a	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											
January	86.6	113.7	74.4	86.1	88.7	77.3	73.0	75.1	73.3	65.8	49.5
February	85.9	114.9	71.7	66.8	84.8	76.0	71.1	72.5	71.3	59.6	45.2
March	84.0	113.8	61.9	57.3	NA	68.8	65.8	66.4	65.8	54.6	40.3
April	83.9	114.7	60.2	49.7	69.8	66.3	64.8	63.8	64.7	55.9	39.7
May	84.5	115.7	58.9	46.5	68.5	64.2	63.8	62.9	63.7	53.4	40.3
June	83.3	114.6	57.6	46.1	64.5	62.8	60.8	59.2	60.6	52.8	40.1
July	81.5	NA	56.7	47.5	63.1	58.6	59.4	57.3	59.1	50.3	39.6
August	86.8	114.6	59.1	50.5	64.9	61.8	61.8	59.0	61.5	51.6	40.7
September	87.2	115.6	58.2	48.4	63.4	61.1	60.7	58.4	60.4	51.1	41.3
October	84.3	113.9	61.5	52.3	72.9	66.8	64.5	63.2	64.3	55.5	43.9
November	81.6	113.0	61.2	52.2	77.9	70.1	65.2	64.2	65.0	58.2	45.7
December	77.8	107.7	56.3	51.8	75.1	63.8	60.1	59.7	60.1	56.1	40.2
1997	83.9	112.8	61.3	55.2	74.5	68.9	64.2	63.6	64.2	56.5	42.3
1998											
January	73.3	104.3	52.3	48.4	72.3	58.5	54.9	54.1	54.8	50.9	35.3
February	69.0	101.1	49.9	44.7	68.2	57.7	53.3	53.8	53.3	48.7	32.7
March	65.6	98.2	45.3	43.8	65.3	56.0	50.8	53.9	51.1	46.0	28.6
April	67.4	98.6	46.6	41.5	56.7	56.3	52.2	53.0	52.3	43.8	31.7
May	71.0	99.9	46.7	36.2	56.0	53.0	51.9	48.5	51.4	43.6	31.8
June	70.4	99.0	42.8	34.1	46.1	NA	48.7	45.8	48.3	40.8	31.3
July	69.4	98.4	43.4	35.8	47.4	NA	47.6	44.8	47.3	38.4	31.4
August	66.7	95.9	43.6	33.5	41.5	NA	46.3	43.1	45.8	36.2	28.7
September	65.4	94.1	44.9	37.4	46.2	NA	49.5	47.2	49.2	39.9	27.6
October	66.4	95.1	46.9	40.7	50.6	57.9	50.0	47.8	49.7	43.1	29.7
November	64.0	93.2	44.0	42.3	44.6	56.2	47.2	46.7	47.1	43.3	29.3
December	60.0	88.5	37.5	36.2	42.4	50.2	41.9	43.4	42.1	39.4	25.4
1998	67.3	97.2	45.3	40.5	50.2	55.2	49.5	48.1	49.3	42.8	30.2
1999											
January	59.2	87.0	37.8	42.5	47.2	NA	41.4	45.2	42.1	39.4	27.2
February	56.8	85.0	36.3	39.3	46.8	NA	40.3	40.4	40.3	38.6	25.8
March	64.8	89.7	39.4	41.4	50.4	NA	45.8	46.0	45.8	40.2	28.0

NA = Not available.

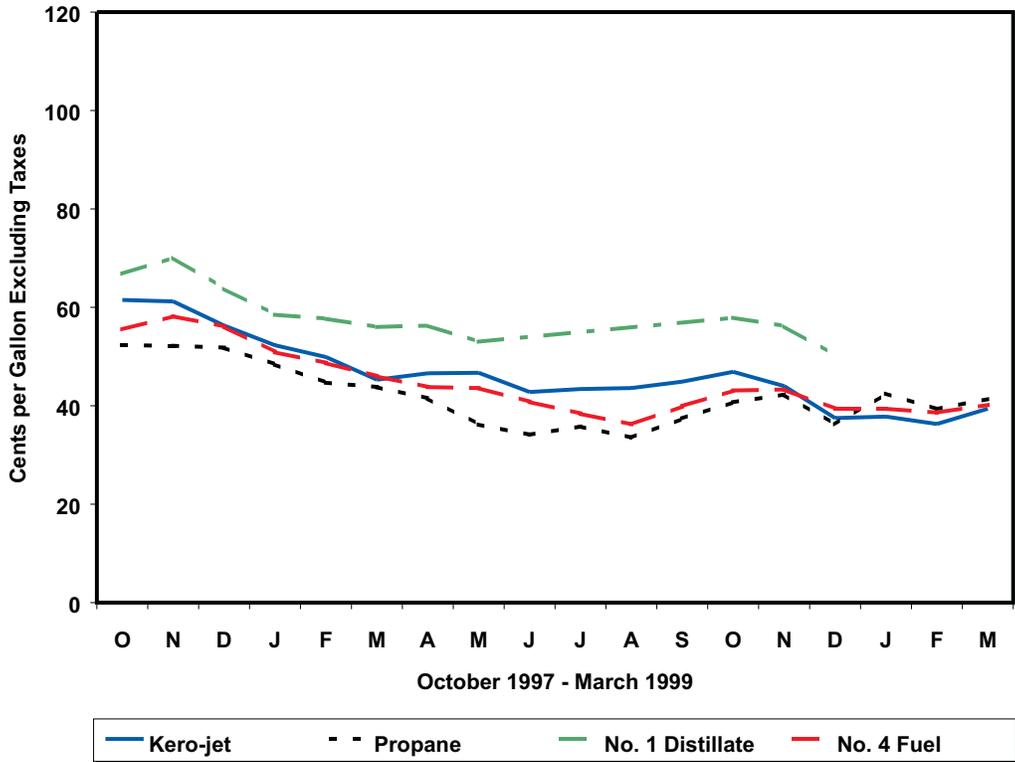
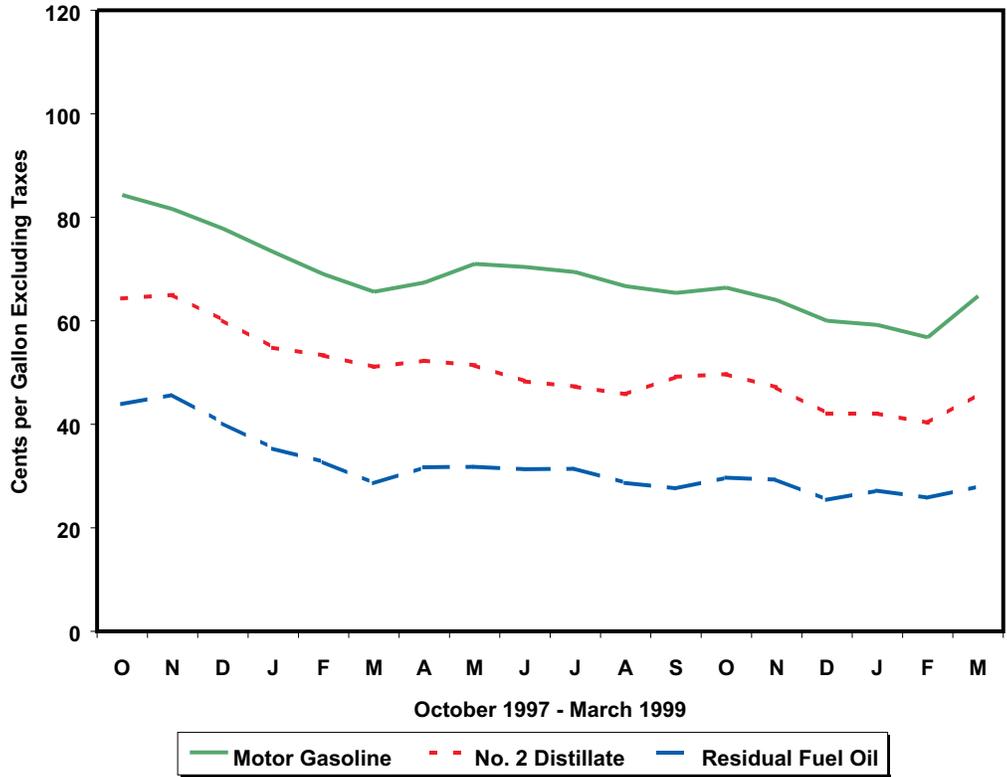
^a Includes No. 4 fuel oil and No. 4 diesel fuel.

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 ^a	Residual Fuel Oil
							No. 2 Diesel Fuel	No. 2 Fuel Oil	Total		
1983	51.1	0.4	30.8	3.1	0.2	0.5	23.3	3.7	27.0	0.7	28.3
1984	57.6	0.3	32.9	3.3	0.3	0.5	26.3	4.9	31.2	0.7	32.9
1985	57.5	0.3	34.6	3.7	0.3	0.5	25.0	5.0	29.9	0.5	25.2
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											
January	54.4	0.1	46.0	3.2	0.5	0.8	22.0	3.8	25.9	0.6	13.8
February	57.3	0.1	47.8	3.7	0.4	0.6	22.3	2.8	25.1	0.4	14.1
March	58.4	0.2	48.2	3.3	NA	0.3	22.2	2.6	24.8	0.3	13.6
April	58.9	0.2	49.1	3.4	0.3	0.2	23.6	2.9	26.5	0.2	11.5
May	57.8	0.2	49.8	2.9	0.2	0.2	22.6	2.7	25.2	0.2	10.7
June	59.8	0.2	52.0	2.3	0.2	0.2	21.6	2.5	24.1	0.2	12.3
July	65.3	NA	51.7	2.1	0.1	0.2	21.6	3.0	24.6	0.3	13.5
August	64.8	0.2	52.0	2.3	0.2	0.2	20.9	3.0	23.9	0.2	12.1
September	63.7	0.2	51.3	3.1	0.3	0.2	23.1	2.9	26.0	0.2	12.6
October	64.4	0.2	49.8	3.5	0.2	0.3	23.1	3.1	26.2	0.3	15.1
November	62.3	0.1	48.9	3.8	0.3	0.4	20.5	3.1	23.7	0.4	14.4
December	66.0	0.1	49.7	4.4	0.3	0.6	20.9	3.5	24.4	0.4	17.5
1997	61.1	0.2	49.7	3.2	0.3	0.4	22.0	3.0	25.0	0.3	13.4
1998											
January	59.9	0.1	47.2	4.6	0.3	0.7	20.4	3.4	23.8	0.4	15.5
February	62.3	0.1	47.9	4.9	0.3	0.6	21.1	3.0	24.1	0.4	13.5
March	64.3	0.1	47.6	4.1	0.3	0.4	22.3	2.6	24.9	0.4	15.5
April	64.7	0.2	48.6	3.0	0.2	0.3	21.3	2.4	23.6	0.3	14.4
May	65.6	0.2	49.4	2.3	0.1	0.3	20.5	3.2	23.7	0.3	13.2
June	66.8	0.2	51.3	2.2	0.3	NA	22.6	3.8	26.5	0.3	13.8
July	67.3	0.2	51.7	1.9	0.3	NA	22.8	3.1	25.9	0.4	16.0
August	66.9	0.2	51.5	2.4	0.6	NA	21.2	3.7	25.0	0.4	17.8
September	65.2	0.2	48.0	2.3	0.4	NA	22.4	3.3	25.7	0.3	13.0
October	65.1	0.2	50.6	2.7	0.3	0.4	22.0	3.4	25.4	0.2	14.0
November	63.7	0.1	45.6	2.7	0.7	0.5	20.2	3.3	23.5	0.3	14.2
December	65.4	0.1	47.7	4.4	0.7	0.6	20.6	3.4	24.0	0.4	18.1
1998	64.8	0.2	48.9	3.1	0.4	0.4	21.4	3.2	24.7	0.3	15.0
1999											
January	59.5	0.1	43.2	4.3	0.8	NA	18.7	3.8	22.5	0.5	17.1
February	63.6	0.1	46.5	4.5	0.6	NA	21.3	3.9	25.3	0.5	16.2
March	64.5	0.1	46.8	4.3	0.4	NA	22.0	3.7	25.7	0.4	14.7

NA = Not available.

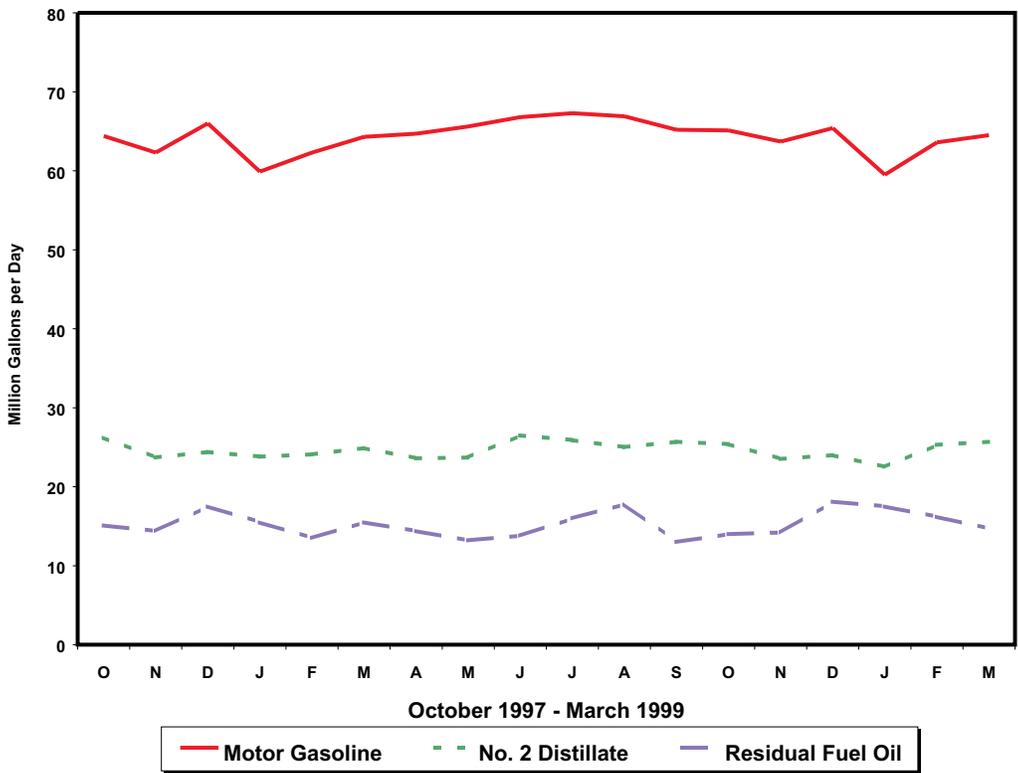
^a Includes No. 4 fuel oil and No. 4 diesel fuel.

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

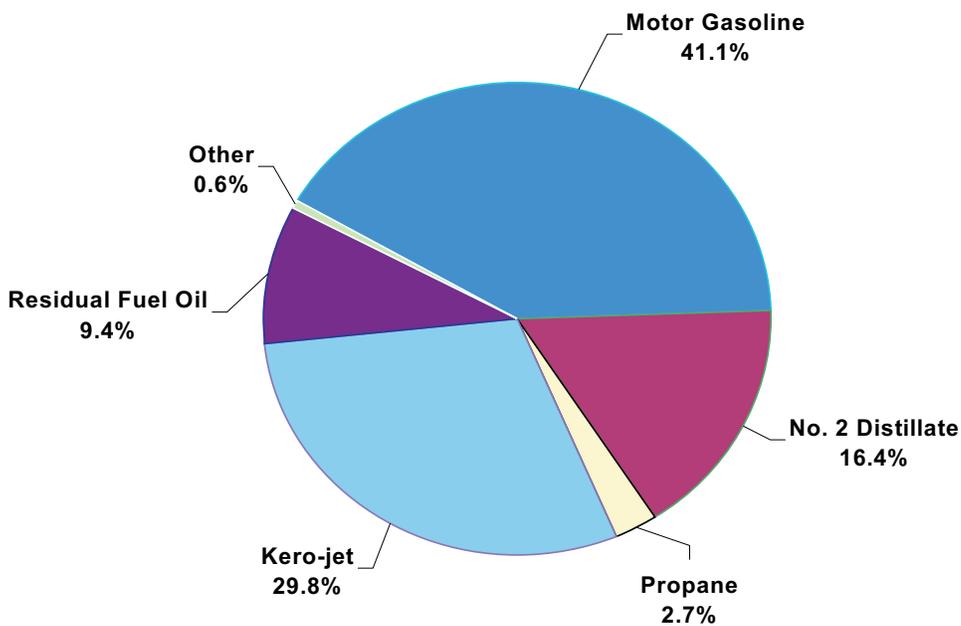
Notes: Values shown for the current month are preliminary. Values shown for previous months are revised. Data are final upon publication in the *Petroleum Marketing Annual*. Totals may not equal the sum of the components due to rounding.

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 ^a	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											
January	75.0	109.0	73.8	60.2	77.7	78.9	69.8	69.8	69.8	63.7	42.9
February	73.0	108.7	71.5	44.7	73.9	77.2	67.8	64.5	66.6	58.8	39.3
March	71.4	107.9	61.8	41.3	63.5	73.1	62.4	57.7	61.0	53.7	35.8
April	70.4	108.5	60.6	37.7	62.1	70.6	61.7	58.6	61.0	49.7	36.1
May	71.3	108.2	59.4	36.9	60.4	69.8	60.7	58.8	60.2	52.9	35.8
June	68.4	105.9	58.1	36.4	57.4	66.7	56.6	54.5	56.1	47.0	36.7
July	67.5	104.7	56.9	35.9	56.8	63.8	55.8	53.8	55.4	46.0	36.5
August	75.0	109.0	59.1	37.5	60.6	67.6	58.9	55.3	58.1	52.6	38.3
September	72.3	109.0	58.9	39.5	60.2	67.4	57.8	54.3	57.0	54.1	38.7
October	68.5	104.7	61.1	41.1	63.8	72.1	61.7	59.0	61.2	56.8	42.0
November	65.9	102.0	61.3	39.6	62.6	71.0	61.5	58.4	60.7	57.3	43.5
December	61.7	99.1	55.6	37.5	57.8	64.1	55.0	53.4	54.6	49.0	35.6
1997	70.0	106.5	61.3	41.6	65.3	72.3	60.6	59.0	60.2	55.1	38.7
1998											
January	57.6	96.2	53.4	35.4	52.8	57.1	49.6	48.9	49.4	45.9	31.1
February	55.1	92.0	50.2	33.1	51.6	56.4	48.3	47.7	48.1	43.6	28.2
March	52.3	90.4	45.7	31.2	47.6	54.3	45.8	44.9	45.6	37.5	26.4
April	54.9	90.9	46.6	30.3	46.3	57.6	48.2	44.9	47.4	41.7	30.3
May	57.9	94.0	46.9	29.3	45.8	56.4	47.0	43.4	46.1	40.3	29.4
June	55.6	93.7	43.5	26.6	42.9	52.0	43.6	39.9	42.9	36.5	27.9
July	54.3	93.6	43.8	25.7	41.7	50.2	42.6	38.8	41.9	37.5	29.6
August	50.6	91.7	42.9	25.7	40.7	51.3	41.4	36.9	40.5	36.0	26.5
September	50.9	89.8	44.6	26.3	45.9	53.3	45.6	41.8	44.9	36.1	27.9
October	52.4	90.7	45.8	27.6	46.2	53.7	45.5	41.2	44.6	35.3	28.3
November	47.7	77.5	43.1	27.7	44.4	49.4	41.4	38.9	40.9	36.8	25.8
December	42.6	78.9	36.5	25.7	38.8	43.4	35.6	34.6	35.3	30.2	23.2
1998	52.7	90.2	45.0	28.8	46.5	51.4	44.4	42.2	43.9	37.9	27.9
1999											
January	44.1	80.9	36.9	26.5	42.6	46.9	36.5	36.3	36.4	34.4	25.2
February	42.6	78.9	35.0	26.2	38.3	44.7	35.5	33.0	34.8	29.7	21.8
March	51.9	86.1	39.3	27.0	44.0	49.1	43.6	39.6	42.7	32.6	24.8

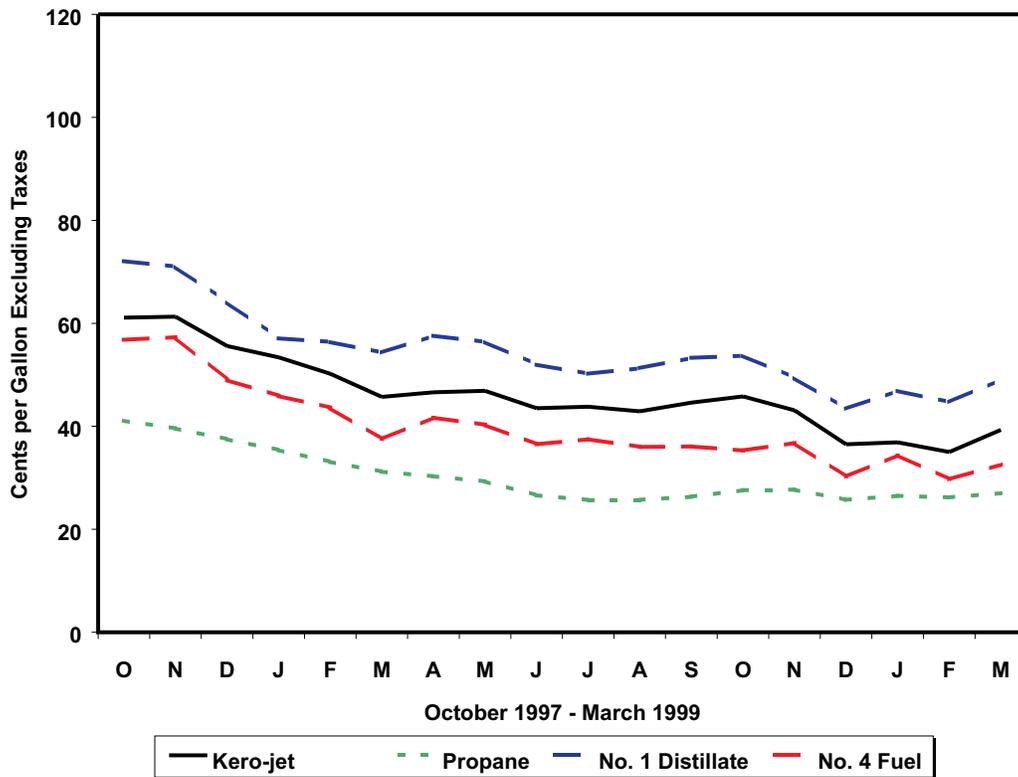
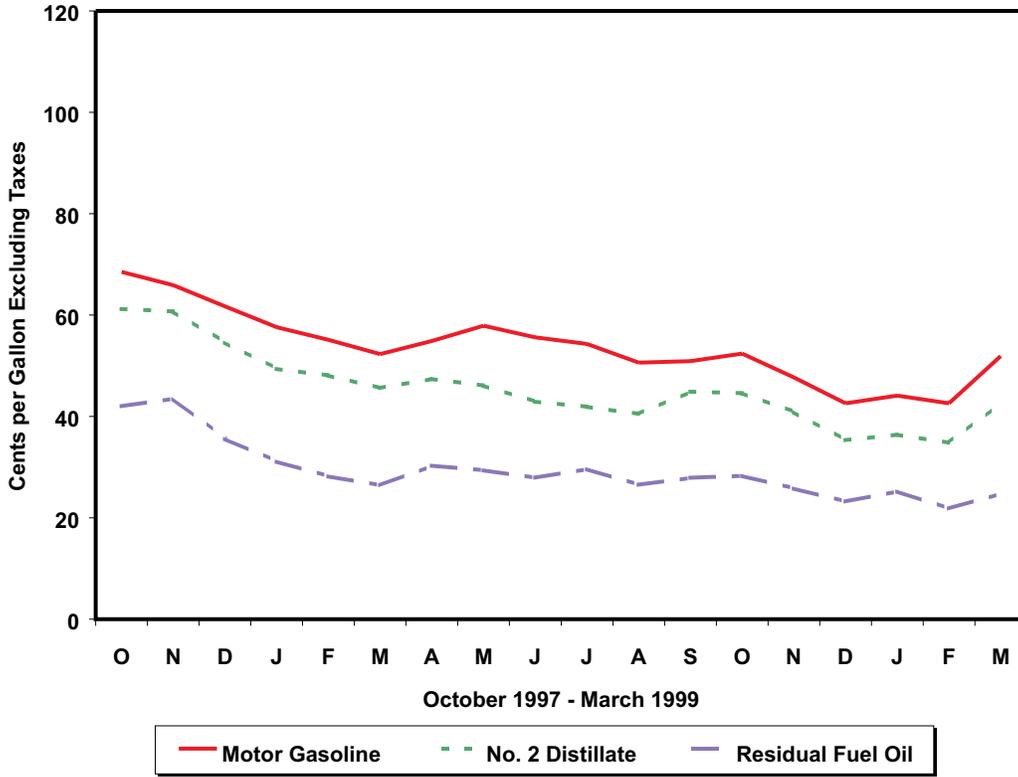
^a Includes No. 4 fuel oil and No. 4 diesel fuel.

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 ^a	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											
January	272.8	0.4	11.1	44.9	5.4	4.7	80.8	47.7	128.5	0.5	14.1
February	285.4	0.5	10.3	38.4	3.6	2.7	78.7	42.3	121.1	0.4	13.9
March	287.1	0.5	10.3	28.1	2.1	1.1	84.4	35.7	120.1	0.3	9.4
April	293.0	0.6	9.5	25.8	1.3	0.4	91.1	29.9	121.0	0.3	10.5
May	293.3	0.7	9.9	24.8	1.0	0.3	88.6	25.7	114.3	0.1	8.2
June	293.5	0.8	10.8	24.3	0.8	0.4	91.2	27.4	118.6	0.2	10.4
July	307.9	0.9	10.8	26.6	1.3	0.4	92.1	25.3	117.3	0.1	10.9
August	304.0	0.8	12.6	28.7	1.2	0.5	87.0	25.0	112.0	0.2	12.1
September	290.4	0.7	10.4	32.4	1.9	0.9	94.0	27.0	121.0	0.1	11.6
October	299.6	0.6	11.7	34.7	2.7	1.6	100.0	26.1	126.0	0.1	12.4
November	286.4	0.5	13.9	35.8	4.0	3.1	85.9	27.7	113.6	0.1	11.8
December	298.4	0.5	14.2	42.5	4.9	3.2	90.2	35.5	125.7	0.3	12.9
1997	292.7	0.6	11.3	32.2	2.5	1.6	88.7	31.2	119.9	0.2	11.5
1998											
January	279.7	0.4	11.4	38.8	4.4	3.1	84.6	34.3	119.0	0.2	14.0
February	285.9	0.5	11.4	38.9	3.9	1.7	84.2	35.3	119.4	0.2	10.2
March	291.1	0.6	12.6	33.9	2.9	1.1	88.5	32.0	120.5	0.3	12.7
April	310.5	0.7	12.7	29.1	1.7	0.3	89.6	27.3	116.9	0.1	17.4
May	311.1	0.7	11.0	25.0	1.1	0.2	87.2	28.6	115.8	0.1	14.5
June	323.9	0.8	13.2	28.8	1.3	0.3	101.8	23.5	125.3	0.1	18.2
July	321.9	0.9	11.6	26.8	1.1	0.3	100.9	22.0	122.8	0.0	19.4
August	308.4	0.7	12.4	27.7	0.9	0.4	94.8	20.9	115.8	0.0	16.5
September	299.2	0.7	10.8	31.8	1.4	0.9	96.6	21.0	117.5	0.1	17.4
October	298.7	0.7	13.3	37.7	2.0	1.4	97.2	25.8	123.0	0.1	17.2
November	291.1	0.6	15.1	34.2	2.5	2.6	93.6	24.6	118.1	0.2	14.1
December	303.6	0.5	13.8	44.0	3.3	3.8	93.5	31.5	125.1	0.2	15.0
1998	302.2	0.6	12.4	33.0	2.2	1.4	92.7	27.2	119.9	0.1	15.6
1999											
January	265.0	0.4	14.1	47.7	4.6	4.1	83.3	34.8	118.1	0.2	18.0
February	290.3	0.5	14.9	36.7	3.1	2.5	91.8	38.0	129.8	0.3	17.6
March	304.5	0.6	13.2	36.2	2.6	1.3	98.4	30.9	129.3	0.3	11.3

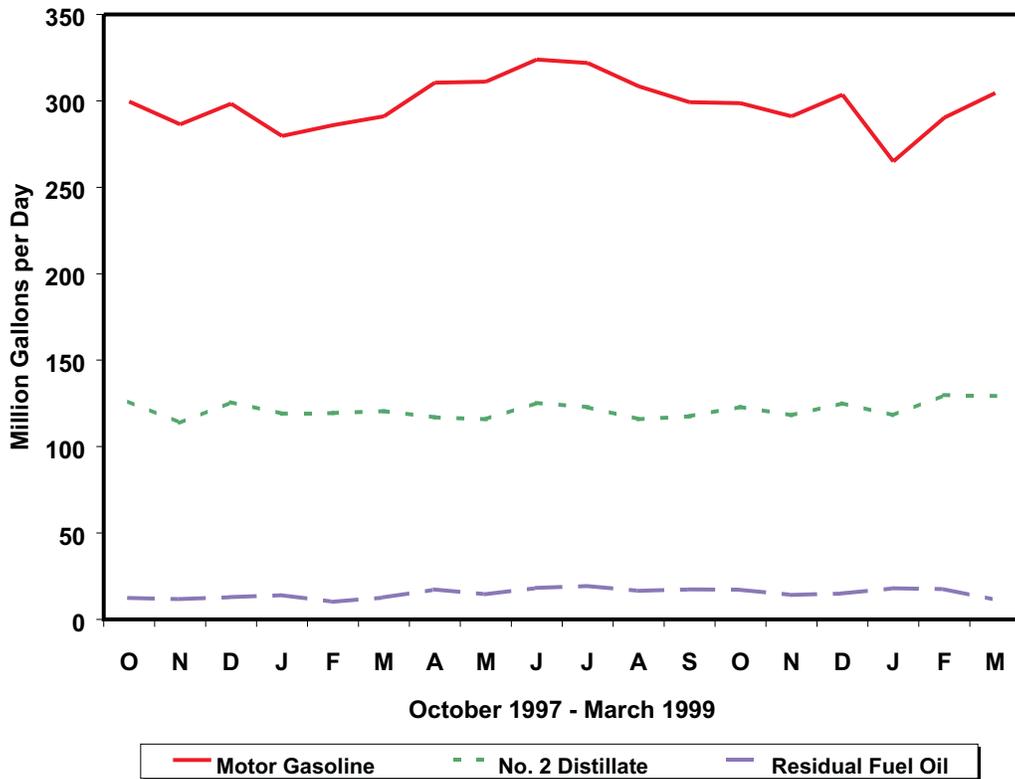
^a Includes No. 4 fuel oil and No. 4 diesel fuel.

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

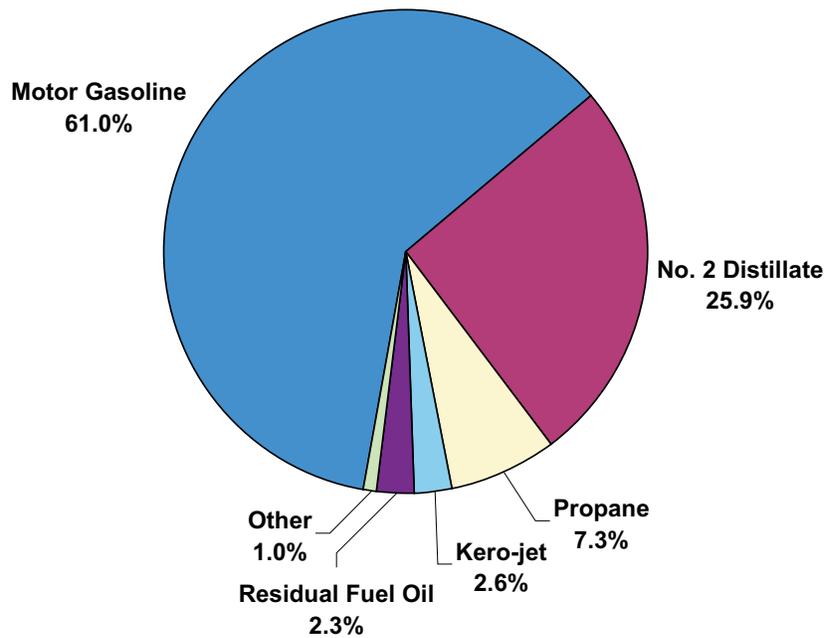
Notes: Values shown for the current month are preliminary. Values shown for previous months are revised. Data are final upon publication in the *Petroleum Marketing Annual*.

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 ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	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												
January	83.0	82.5	77.2	71.9	67.8	72.4	92.4	92.0	82.9	76.1	W	79.1
February	82.4	81.9	77.3	69.3	65.8	70.4	91.9	91.5	82.8	73.2	W	77.5
March	80.4	79.9	76.6	66.9	64.9	68.7	90.1	89.7	82.3	71.0	74.8	76.0
April	80.3	79.7	77.7	65.5	62.4	67.7	89.9	89.6	82.9	69.6	W	75.4
May	81.0	80.5	76.5	67.6	62.3	68.6	90.2	89.9	82.3	70.8	W	75.7
June	79.7	79.2	74.9	63.9	58.9	65.6	89.1	88.7	80.8	67.2	W	73.0
July	77.9	77.4	72.4	63.9	57.9	64.8	87.3	86.9	78.4	67.5	W	71.9
August	83.2	82.8	79.2	71.4	66.1	72.2	92.7	92.3	85.4	75.3	W	79.5
September	83.6	83.1	81.2	67.1	63.4	69.5	93.2	92.9	87.4	71.0	W	77.9
October	80.8	80.3	78.2	63.2	59.6	65.7	90.5	90.1	84.1	67.2	W	74.2
November	78.1	77.6	75.1	60.6	56.0	63.1	87.7	87.4	80.9	64.6	W	71.5
December	74.1	73.5	70.7	56.3	53.3	58.9	83.9	83.6	76.7	60.7	W	67.4
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												
January	69.7	69.2	66.0	52.2	50.4	54.8	78.6	78.2	72.1	56.6	W	63.2
February	65.2	64.8	60.4	50.9	48.3	52.5	74.8	74.5	66.3	54.8	W	59.7
March	61.7	61.4	55.9	48.4	46.0	49.7	71.2	70.9	62.1	52.3	W	56.4
April	63.6	63.3	58.1	51.6	48.5	52.4	73.0	72.7	64.2	55.6	W	59.2
May	67.3	67.0	63.1	54.3	49.7	55.3	76.5	76.3	69.0	58.1	W	62.6
June	66.7	66.3	62.0	51.6	46.9	52.9	76.2	75.9	68.1	55.4	W	60.6
July	65.5	65.1	61.1	50.2	45.5	51.5	75.2	74.9	67.0	53.9	W	59.0
August	62.8	62.3	58.8	45.6	41.9	47.6	72.8	72.4	64.8	49.5	W	55.5
September	61.5	61.0	57.6	46.5	42.3	48.1	71.4	71.1	63.6	50.3	W	55.6
October	62.4	62.0	58.1	48.0	43.5	49.5	72.1	71.8	64.2	52.5	NA	57.2
November	59.8	59.3	56.9	42.0	39.5	44.7	70.0	69.7	63.1	46.4	W	53.1
December	55.7	55.2	54.0	36.3	33.8	39.5	66.2	65.9	60.4	40.8	W	48.6
1998	63.5	63.1	59.4	48.1	45.0	49.9	73.1	72.8	65.4	52.1	56.1	57.5
1999												
January	54.9	54.4	52.6	38.8	34.9	41.1	64.4	64.2	59.0	43.1	NA	49.6
February	52.7	52.1	50.8	37.1	34.8	39.6	62.9	62.6	57.3	41.4	W	47.8
March	61.3	60.6	59.0	47.7	42.6	49.2	70.8	70.4	64.7	51.7	W	56.8

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 ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	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												
January	101.0	100.2	W	81.7	72.0	84.5	87.2	86.6	81.2	73.8	68.2	75.0
February	100.2	99.6	W	78.6	69.6	82.6	86.5	85.9	81.2	71.0	66.1	73.0
March	98.3	97.6	89.9	76.3	68.5	80.6	84.6	84.0	80.5	68.7	65.3	71.4
April	97.9	97.5	W	75.0	66.5	79.7	84.4	83.9	81.3	67.4	62.8	70.4
May	97.9	97.3	W	76.8	67.9	80.5	85.0	84.5	80.3	69.3	62.8	71.3
June	96.8	96.1	W	73.1	64.9	77.5	83.8	83.3	78.8	65.6	59.7	68.4
July	95.5	94.8	W	73.5	63.6	77.0	82.0	81.5	76.4	65.7	58.4	67.5
August	100.8	100.3	W	81.2	73.9	84.5	87.2	86.8	83.2	73.3	66.9	75.0
September	101.5	101.2	W	76.6	69.0	82.0	87.6	87.2	85.1	68.9	64.0	72.3
October	98.4	97.7	W	72.6	64.1	77.8	84.9	84.3	81.9	65.0	60.2	68.5
November	95.6	94.9	W	69.6	59.0	74.8	82.2	81.6	78.8	62.3	56.4	65.9
December	92.0	91.4	W	65.5	56.8	70.9	78.3	77.8	74.6	58.2	53.8	61.7
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												
January	87.1	86.5	79.2	61.5	54.5	67.2	73.9	73.3	69.9	54.1	50.8	57.6
February	83.0	82.4	73.7	60.0	51.0	64.4	69.4	69.0	64.4	52.7	48.5	55.1
March	79.4	78.9	69.5	57.6	48.8	61.1	66.0	65.6	60.0	50.3	46.3	52.3
April	81.2	80.6	W	60.9	53.1	63.8	67.8	67.4	62.1	53.5	48.9	54.9
May	84.4	84.0	W	63.7	55.1	66.8	71.4	71.0	66.8	56.1	50.3	57.9
June	84.1	83.6	W	61.1	52.4	64.9	70.8	70.4	65.9	53.5	47.4	55.6
July	83.4	82.9	W	59.6	51.2	63.7	69.9	69.4	65.0	52.1	46.0	54.3
August	80.7	80.0	W	55.3	48.4	60.1	67.2	66.7	62.9	47.5	42.6	50.6
September	79.4	78.7	W	55.9	47.3	59.9	66.0	65.4	61.7	48.4	42.9	50.9
October	80.4	79.9	71.4	57.9	48.8	61.6	66.8	66.4	62.3	50.1	44.2	52.4
November	78.2	77.6	W	51.5	43.9	56.8	64.4	64.0	61.1	44.0	40.1	47.7
December	74.4	73.7	W	45.6	36.6	51.7	60.5	60.0	58.2	38.3	34.2	42.6
1998	81.2	80.6	72.4	57.3	49.0	61.7	67.8	67.3	63.4	50.0	45.5	52.7
1999												
January	72.9	72.3	65.7	48.1	38.5	52.5	59.6	59.2	56.8	40.9	35.5	44.1
February	71.1	70.1	W	46.5	38.6	51.4	57.5	56.8	55.1	39.2	35.4	42.6
March	78.1	77.1	W	56.7	46.5	60.2	65.5	64.8	62.5	49.6	43.0	51.9

Dash (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

^a 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 ^a	DTW	Rack	Bulk	Total	Through Retail Outlets	Total ^a	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												
January	35.6	37.6	45.0	122.6	33.7	201.3	8.8	9.1	12.1	15.0	W	27.1
February	37.8	39.9	46.7	127.7	38.1	212.6	9.1	9.4	12.4	15.5	W	27.9
March	38.4	40.5	47.0	129.9	35.1	212.0	9.3	9.6	12.3	15.5	0.0	27.9
April	38.5	40.7	47.7	134.5	33.9	216.1	9.3	9.6	12.2	16.1	W	28.3
May	38.1	39.8	45.9	135.5	34.2	215.7	9.2	9.5	12.2	16.3	W	28.5
June	39.3	41.0	46.1	138.7	29.1	214.0	9.5	9.8	12.3	16.7	W	29.0
July	43.2	44.9	45.7	148.0	31.9	225.6	10.4	10.7	12.3	18.0	W	30.3
August	43.4	45.1	46.3	144.9	33.2	224.5	10.3	10.5	12.2	17.2	W	29.5
September	42.8	44.5	45.2	137.6	33.1	215.9	10.0	10.2	11.6	16.2	W	27.9
October	43.2	45.0	45.8	140.6	35.4	221.8	10.1	10.3	11.8	16.8	W	28.6
November	41.8	43.3	46.3	132.0	32.3	210.6	9.8	10.0	11.7	15.7	W	27.4
December	44.1	45.7	46.8	135.6	37.2	219.6	10.6	10.7	11.8	16.5	W	28.3
1997	40.5	42.4	46.2	135.7	33.9	215.8	9.7	10.0	12.1	16.3	0.0	28.4
1998												
January	39.4	40.8	44.2	124.9	38.5	207.5	9.9	10.1	W	14.8	W	25.8
February	41.6	43.0	45.9	129.3	37.1	212.2	9.7	9.9	W	15.2	W	26.4
March	42.8	44.3	47.1	132.1	34.6	213.8	9.9	10.1	W	15.8	W	27.1
April	43.2	44.7	47.9	138.1	45.0	231.0	10.0	10.2	W	16.0	W	27.3
May	43.8	45.3	48.7	139.2	42.7	230.6	10.3	10.5	W	16.0	W	27.6
June	44.6	46.0	49.4	147.1	43.8	240.2	10.5	10.7	W	17.1	W	28.8
July	44.7	46.1	45.5	150.6	41.3	237.4	10.7	10.8	W	17.7	W	29.0
August	44.1	45.6	44.7	144.3	35.9	225.0	10.6	10.7	W	16.9	W	28.1
September	42.8	44.3	43.8	140.6	32.9	217.4	10.4	10.6	W	16.4	W	27.3
October	42.6	44.2	44.7	141.2	30.7	216.6	10.6	10.8	11.2	16.7	NA	27.9
November	41.7	43.1	43.0	135.9	31.0	209.9	10.3	10.5	W	16.1	W	27.0
December	42.7	44.0	43.7	141.5	33.6	218.9	10.6	10.7	W	16.5	W	27.5
1998	42.8	44.3	45.7	138.8	37.2	221.7	10.3	10.5	11.2	16.3	0.0	27.5
1999												
January	37.8	39.0	39.4	122.7	27.2	189.3	10.3	10.4	9.7	14.2	NA	23.9
February	40.7	42.5	42.9	133.5	32.4	208.8	10.2	10.4	W	15.6	W	26.2
March	41.7	43.8	45.0	141.4	36.1	222.5	10.3	10.5	W	16.4	W	27.1

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 ^a	DTW	Rack	Bulk	Total	Through Retail Outlets	Total ^a	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												
January	7.4	7.8	W	24.6	3.5	44.5	51.8	54.4	73.5	162.2	37.2	272.8
February	7.7	8.0	W	25.3	2.8	45.0	54.6	57.3	76.0	168.5	40.9	285.4
March	8.0	8.3	17.2	26.0	3.9	47.2	55.7	58.4	76.6	171.4	39.1	287.1
April	8.1	8.5	W	27.5	3.9	48.7	55.8	58.9	77.1	178.1	37.8	293.0
May	8.1	8.6	W	28.2	3.7	49.0	55.4	57.8	75.4	180.0	37.9	293.3
June	8.6	9.0	W	28.8	4.4	50.6	57.4	59.8	75.9	184.1	33.5	293.5
July	9.3	9.8	W	31.1	3.4	51.9	62.8	65.3	75.4	197.1	35.4	307.9
August	8.7	9.1	W	29.4	4.0	50.1	62.5	64.8	75.3	191.5	37.3	304.0
September	8.4	8.9	W	27.1	3.8	46.6	61.2	63.7	72.5	180.9	37.0	290.4
October	8.7	9.0	W	28.2	4.8	49.2	62.0	64.4	73.9	185.6	40.2	299.6
November	8.6	8.9	W	26.8	4.9	48.4	60.3	62.3	74.7	174.5	37.2	286.4
December	9.4	9.6	W	28.5	4.9	50.5	64.0	66.0	75.7	180.5	42.1	298.4
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												
January	8.8	9.0	W	26.5	W	46.3	58.1	59.9	71.4	166.2	42.0	279.7
February	9.2	9.4	W	27.2	W	47.2	60.5	62.3	74.3	171.7	39.9	285.9
March	9.7	9.9	W	28.6	W	50.2	62.4	64.3	76.2	176.5	38.4	291.1
April	9.5	9.8	W	29.5	W	52.2	62.8	64.7	76.9	183.6	50.1	310.5
May	9.6	9.9	W	30.2	W	53.0	63.8	65.6	77.9	185.4	47.8	311.1
June	9.8	10.1	W	31.8	W	54.9	64.9	66.8	79.4	195.9	48.6	323.9
July	10.1	10.4	W	33.9	W	55.5	65.5	67.3	74.6	202.2	45.1	321.9
August	10.2	10.5	W	33.0	W	55.3	64.8	66.9	73.8	194.2	40.4	308.4
September	10.0	10.3	W	32.1	W	54.5	63.2	65.2	72.3	189.2	37.8	299.2
October	10.0	10.2	17.9	31.8	4.5	54.1	63.2	65.1	73.8	189.7	35.2	298.7
November	9.9	10.2	W	31.5	W	54.2	61.9	63.7	71.4	183.5	36.1	291.1
December	10.4	10.7	W	34.1	W	57.1	63.7	65.4	72.8	192.1	38.6	303.6
1998	9.8	10.0	17.7	30.9	4.4	52.9	62.9	64.8	74.6	185.9	41.7	302.2
1999												
January	9.8	10.1	16.1	30.1	5.7	51.9	57.9	59.5	65.2	166.9	32.9	265.0
February	10.2	10.6	W	32.5	W	55.3	61.2	63.6	71.1	181.7	37.5	290.3
March	9.8	10.2	W	33.1	W	54.9	61.8	64.5	73.1	191.0	40.4	304.5

Dash (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

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.

^a 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 ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
1994	68.7	68.1	63.6	54.5	50.0	55.8	78.4	77.8	69.4	NA	NA	62.7
1995	71.0	70.4	65.1	57.0	52.5	57.3	80.0	79.4	71.1	61.0	NA	63.7
1996	79.7	79.1	74.3	66.5	60.7	66.4	88.4	87.8	80.1	70.0	NA	72.6
1997												
January	82.4	81.7	76.7	71.2	66.2	70.8	91.4	90.9	83.1	75.4	–	77.2
February	80.7	80.1	74.9	68.5	64.3	68.3	90.1	89.5	81.3	72.3	–	74.5
March	78.5	77.9	72.4	66.1	62.7	66.2	88.4	87.9	78.7	70.1	W	72.2
April	78.7	77.9	73.1	65.0	60.7	65.2	88.3	87.8	78.8	69.0	–	71.4
May	79.6	79.1	73.4	67.3	61.9	67.1	88.7	88.3	79.1	70.3	–	72.5
June	78.5	78.0	72.1	63.7	59.1	64.0	87.7	87.2	78.5	66.8	–	69.6
July	76.6	76.1	69.7	63.6	57.5	63.3	85.8	85.4	76.2	67.1	–	69.1
August	82.0	81.5	75.8	70.8	63.9	70.3	91.1	90.7	81.9	74.4	–	76.1
September	80.5	79.9	74.4	66.1	60.8	66.1	89.8	89.4	81.1	69.6	–	72.2
October	76.9	76.3	70.2	62.1	57.0	62.0	86.5	86.1	76.7	65.7	–	68.1
November	73.9	73.4	66.9	59.3	54.8	59.3	83.2	82.8	73.6	63.1	–	65.4
December	69.5	68.9	62.3	55.0	51.7	55.1	78.8	78.5	69.3	59.1	–	61.3
1997	78.1	77.5	71.9	64.9	60.0	64.8	87.4	86.9	78.3	68.5	W	70.8
1998												
January	65.9	65.3	58.0	50.9	49.1	51.2	74.3	73.8	65.4	55.2	–	57.5
February	63.1	62.7	55.6	49.9	47.2	49.9	72.2	71.7	62.1	53.7	–	55.6
March	60.8	60.4	52.9	47.7	45.1	47.8	69.9	69.5	59.7	51.5	–	53.3
April	62.4	62.1	55.0	50.9	47.0	50.5	71.7	71.3	61.4	54.7	–	56.2
May	65.3	64.9	58.3	53.5	48.6	53.0	74.3	74.0	64.3	57.1	–	58.8
June	64.8	64.4	57.3	51.0	46.2	50.7	74.1	73.8	63.7	54.5	W	56.6
July	63.7	63.2	57.1	49.7	44.8	49.4	73.0	72.7	63.2	53.0	–	55.1
August	60.3	59.8	54.7	44.9	40.7	45.0	70.0	69.6	60.8	48.4	–	51.0
September	59.0	58.5	53.3	45.7	40.8	45.6	68.6	68.2	59.5	49.3	–	51.4
October	60.4	60.0	54.4	47.3	42.4	47.2	69.8	69.4	60.6	51.7	–	53.6
November	57.2	56.7	51.8	40.8	37.7	41.3	67.0	66.6	58.4	45.1	–	47.9
December	51.9	51.4	46.6	35.0	32.5	35.6	62.1	61.8	53.6	39.4	–	42.3
1998	61.2	60.8	54.8	47.3	W	47.4	70.5	70.2	61.2	W	W	53.3
1999												
January	51.0	50.6	45.4	37.8	33.5	37.8	60.2	59.9	NA	42.0	–	44.2
February	49.0	48.4	43.5	36.1	33.1	36.2	58.9	58.5	50.9	40.2	–	42.4
March	57.1	56.4	51.8	46.6	40.0	45.8	66.5	66.1	58.5	50.4	–	52.0

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 ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
1994	86.3	85.5	77.8	63.8	55.5	68.2	73.6	72.9	68.3	56.5	50.7	58.9
1995	87.7	86.8	79.0	66.5	56.8	68.4	75.3	74.6	69.3	59.0	53.0	59.8
1996	96.0	95.1	86.9	75.5	64.5	76.7	83.4	82.7	77.8	68.2	61.0	68.5
1997												
January	99.8	98.6	90.7	81.0	70.1	81.7	86.1	85.4	80.6	73.0	66.5	72.9
February	98.3	97.4	88.7	78.0	67.8	79.2	84.5	83.8	78.7	70.3	64.5	70.3
March	96.3	95.5	86.3	W	66.6	76.8	82.5	81.8	76.1	67.9	63.0	68.2
April	96.4	95.5	86.4	74.5	64.9	75.8	82.6	81.8	76.6	66.8	61.0	67.3
May	96.6	95.6	86.4	76.4	66.3	77.5	83.4	82.8	76.9	69.0	62.2	69.1
June	95.4	94.6	85.5	72.8	64.9	74.4	82.3	81.7	75.8	65.4	59.7	66.1
July	93.9	93.1	83.5	73.1	63.0	74.3	80.5	79.9	73.5	65.4	57.9	65.5
August	99.2	98.3	89.3	80.4	71.4	81.1	85.7	85.1	79.3	72.5	64.6	72.4
September	98.2	97.5	88.4	75.5	66.0	76.8	84.3	83.7	78.1	67.8	61.2	68.1
October	94.5	93.6	84.0	71.5	61.6	72.6	80.8	80.2	73.9	63.8	57.4	64.1
November	91.2	90.4	81.0	68.4	56.3	69.3	77.8	77.2	70.8	61.0	55.0	61.3
December	87.2	86.4	76.6	64.3	54.7	65.3	73.5	72.9	66.3	56.8	52.0	57.1
1997	95.4	94.6	85.6	74.2	64.1	75.3	81.9	81.3	75.6	66.6	60.4	66.8
1998												
January	83.0	82.2	72.7	60.4	52.7	61.7	69.8	69.1	62.2	52.8	49.4	53.3
February	80.4	79.6	69.1	59.2	49.5	60.3	67.1	66.5	59.4	51.7	47.4	51.9
March	78.0	77.3	66.4	56.9	47.0	57.9	64.8	64.3	56.7	49.5	45.2	49.8
April	79.7	79.1	68.2	60.4	50.2	60.6	66.4	66.0	58.6	52.7	47.3	52.4
May	82.2	81.6	71.0	63.1	53.7	63.5	69.1	68.7	61.8	55.3	49.0	55.1
June	82.0	81.3	W	60.6	51.7	61.2	68.8	68.3	60.9	52.9	46.7	52.8
July	80.8	80.2	70.2	59.2	50.9	60.2	67.7	67.2	60.9	51.5	45.3	51.6
August	77.8	76.9	67.9	54.7	47.8	56.0	64.5	63.9	58.5	46.8	41.4	47.3
September	76.5	75.5	66.5	55.3	45.9	56.1	63.2	62.6	57.2	47.6	41.3	47.8
October	78.0	77.3	67.8	57.3	46.9	58.1	64.6	64.1	58.2	49.3	42.9	49.5
November	75.1	74.3	65.5	50.3	41.6	51.6	61.6	61.0	55.8	42.8	38.2	43.6
December	70.2	69.4	60.9	44.4	34.4	45.7	56.5	56.0	50.9	37.1	32.8	37.9
1998	78.5	77.7	68.1	56.6	47.5	57.6	65.3	64.8	58.6	49.1	44.3	49.5
1999												
January	68.8	68.1	NA	47.3	36.6	47.6	55.6	55.2	49.8	39.9	34.0	40.1
February	67.2	66.0	NA	45.6	36.7	46.5	53.6	52.9	48.1	38.1	33.5	38.5
March	74.1	72.8	NA	55.9	42.8	56.0	61.2	60.5	55.7	48.5	40.2	48.0

Dash (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

^a 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 ^a	DTW	Rack	Bulk	Total	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total
1994	29.7	31.2	36.1	113.5	22.8	172.4	7.6	7.8	10.1	14.6	0.1	24.8
1995	24.0	25.3	19.4	105.1	26.0	150.5	6.0	6.3	5.1	13.6	0.1	18.7
1996	24.1	25.4	17.8	108.5	27.1	153.4	5.7	5.9	4.4	12.9	NA	17.3
1997												
January	20.6	22.0	14.8	98.3	26.4	139.6	4.7	4.9	3.7	11.5	—	15.1
February	22.1	23.7	15.4	102.9	31.2	149.5	5.0	5.2	3.8	11.9	—	15.7
March	24.0	25.5	16.8	106.4	27.7	150.9	5.5	5.7	4.0	12.2	W	16.2
April	25.1	26.9	18.2	111.8	26.9	156.9	5.8	5.9	4.2	12.9	—	17.0
May	24.7	26.0	17.7	112.7	26.3	156.7	5.7	5.8	4.2	13.0	—	17.1
June	25.6	26.9	17.7	115.4	22.1	155.2	5.9	6.1	4.2	13.3	—	17.4
July	27.8	29.1	17.2	123.4	25.2	165.8	6.4	6.6	4.1	14.4	—	18.5
August	27.3	28.7	17.3	119.9	24.7	161.9	6.2	6.4	4.0	13.5	—	17.6
September	26.4	27.8	16.2	113.1	25.8	155.1	6.0	6.2	3.7	12.7	—	16.5
October	26.1	27.5	15.8	113.9	26.7	156.4	6.0	6.1	3.7	13.0	—	16.7
November	24.3	25.5	14.7	104.9	25.4	145.1	5.5	5.7	3.5	11.9	—	15.4
December	25.1	26.4	14.8	107.4	28.4	150.7	5.8	6.0	3.5	12.6	—	16.1
1997	25.0	26.4	16.4	110.9	26.4	153.7	5.7	5.9	3.9	12.7	W	16.6
1998												
January	22.8	24.0	14.0	98.7	30.2	142.9	5.5	5.7	3.3	11.2	—	14.4
February	24.4	25.5	14.8	102.4	29.7	146.9	5.5	5.7	3.4	11.4	—	14.8
March	25.9	27.1	15.6	106.5	27.8	149.9	6.0	6.1	3.5	12.2	—	15.7
April	26.5	27.7	16.7	112.4	36.4	165.4	6.1	6.2	3.6	12.4	—	16.0
May	27.3	28.5	17.4	112.9	33.0	163.2	6.3	6.4	3.8	12.4	—	16.2
June	27.6	28.8	17.7	119.6	35.5	172.8	6.4	6.5	W	13.2	W	17.0
July	27.4	28.6	14.4	123.3	30.7	168.4	6.4	6.5	3.5	13.6	—	17.2
August	27.2	28.4	14.0	117.2	28.1	159.3	6.3	6.5	3.5	13.0	—	16.5
September	25.8	27.0	13.2	113.9	23.6	150.7	6.1	6.3	3.2	12.6	—	15.8
October	26.7	27.9	14.1	113.2	22.9	150.2	6.4	6.6	3.4	12.8	—	16.1
November	25.6	26.7	12.7	108.1	22.7	143.4	6.1	6.3	3.2	12.2	—	15.3
December	25.9	26.9	12.9	112.1	25.0	149.9	6.2	6.4	3.2	12.5	—	15.6
1998	26.1	27.3	14.8	W	W	155.3	6.1	6.3	3.4	W	W	15.9
1999												
January	22.4	23.3	10.9	96.6	19.2	126.7	6.1	6.2	NA	10.6	—	13.4
February	24.6	26.1	11.9	105.4	23.3	140.6	6.1	6.2	3.0	11.9	—	14.9
March	25.2	26.9	12.8	113.6	27.7	154.1	6.2	6.3	3.1	12.6	—	15.7

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 ^a	DTW	Rack	Bulk	Total	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total
1994	8.5	8.9	16.5	28.0	2.8	47.2	45.8	47.9	62.7	156.0	25.8	244.5
1995	6.2	6.4	7.7	25.1	2.9	35.6	36.2	38.0	32.1	143.8	28.9	204.8
1996	4.9	5.1	5.8	22.5	2.5	30.8	34.7	36.5	28.1	143.8	29.6	201.5
1997												
January	3.9	4.1	4.7	19.2	2.4	26.3	29.2	31.1	23.2	129.0	28.8	181.0
February	4.1	4.3	4.9	19.8	2.0	26.7	31.3	33.2	24.1	134.7	33.2	191.9
March	4.6	4.8	5.2	W	2.4	28.4	34.1	36.0	26.0	139.3	30.2	195.5
April	4.8	5.0	5.5	22.1	2.5	30.1	35.7	37.9	27.9	146.7	29.4	204.0
May	4.8	5.0	5.6	22.6	2.1	30.3	35.2	36.9	27.4	148.3	28.4	204.1
June	5.1	5.3	5.6	23.0	2.8	31.4	36.5	38.2	27.4	151.7	24.8	204.0
July	5.4	5.7	5.5	25.0	1.9	32.4	39.7	41.3	26.8	162.8	27.0	216.6
August	5.0	5.2	5.2	23.5	2.6	31.3	38.5	40.2	26.5	156.9	27.3	210.7
September	4.8	5.0	4.8	21.7	2.5	29.0	37.3	39.0	24.7	147.5	28.4	200.6
October	4.9	5.2	4.9	22.3	2.8	29.9	37.0	38.9	24.4	149.2	29.5	203.0
November	4.7	5.0	4.7	20.9	2.7	28.3	34.6	36.1	22.9	137.7	28.2	188.7
December	5.1	5.3	4.8	22.2	3.0	30.0	36.0	37.7	23.1	142.2	31.4	196.8
1997	4.8	5.0	5.1	21.9	2.5	29.5	35.4	37.2	25.4	145.6	28.9	199.8
1998												
January	4.8	5.0	4.6	20.7	2.5	27.7	33.2	34.7	21.8	130.6	32.7	185.1
February	5.1	5.3	4.8	21.2	1.7	27.7	35.0	36.5	23.0	135.1	31.4	189.5
March	5.6	5.8	5.1	22.7	2.0	29.8	37.5	39.0	24.2	141.4	29.8	195.3
April	5.5	5.8	5.3	23.5	3.2	32.0	38.1	39.7	25.5	148.3	39.5	213.4
May	5.6	5.8	5.4	24.1	3.2	32.6	39.2	40.7	26.5	149.4	36.2	212.0
June	5.7	5.9	W	25.4	W	34.5	39.7	41.2	27.1	158.2	39.1	224.3
July	5.8	6.0	5.0	27.1	2.6	34.7	39.6	41.1	22.9	164.1	33.3	220.3
August	5.9	6.2	5.0	26.2	2.9	34.1	39.5	41.1	22.4	156.4	31.0	209.8
September	5.7	6.0	4.7	25.5	2.6	32.8	37.6	39.2	21.1	152.0	26.2	199.3
October	5.8	6.0	4.8	24.8	2.4	32.1	38.9	40.5	22.3	150.8	25.4	198.5
November	5.7	5.9	4.5	24.4	3.0	31.9	37.4	38.9	20.4	144.6	25.7	190.7
December	6.1	6.3	4.7	26.5	3.5	34.7	38.3	39.6	20.8	151.1	28.4	200.3
1998	5.6	5.8	4.9	24.4	2.8	32.1	37.9	39.4	23.2	148.6	31.5	203.3
1999												
January	5.7	5.9	NA	23.3	3.7	31.2	34.2	35.5	17.8	130.5	22.9	171.3
February	6.0	6.3	4.6	25.2	3.3	33.1	36.7	38.6	19.5	142.5	26.6	188.6
March	5.7	6.0	4.6	26.2	2.7	33.5	37.1	39.3	20.5	152.3	30.5	203.2

Dash (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

^a 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 ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
1994	74.3	73.9	66.7	58.6	52.7	63.2	84.3	83.8	72.7	62.2	W	69.6
1995	76.7	76.5	70.9	63.0	59.2	66.5	83.4	83.3	75.0	65.9	-	71.3
1996	87.0	86.7	78.4	71.8	W	74.6	94.0	93.9	83.2	73.8	-	79.3
1997												
January	88.7	88.6	80.0	77.2	-	78.3	99.7	99.7	W	80.3	-	82.7
February	91.3	91.1	85.0	77.7	-	80.7	100.9	100.9	W	80.7	-	85.0
March	92.4	92.1	86.4	75.4	-	80.4	100.7	100.7	90.9	76.7	-	85.5
April	88.7	88.4	82.1	69.4	-	72.3	95.5	95.5	W	70.4	-	75.8
May	89.3	89.2	82.5	75.4	-	78.0	96.8	96.8	W	76.2	-	82.1
June	88.0	87.8	80.1	71.6	-	74.7	96.0	95.9	W	72.9	-	78.0
July	85.0	84.9	75.1	71.1	-	72.5	93.2	93.2	W	72.9	-	76.4
August	87.6	87.5	79.9	77.7	-	78.4	96.5	96.4	W	79.5	-	81.8
September	91.5	91.3	85.4	75.0	-	78.6	100.0	100.0	W	78.7	-	82.9
October	90.2	89.9	84.6	71.8	-	76.0	98.7	98.6	W	74.6	-	79.7
November	87.7	87.5	81.7	70.1	-	74.2	97.8	97.8	W	73.2	-	78.6
December	83.5	83.4	76.5	64.7	-	68.8	94.7	94.7	W	68.0	-	74.0
1997	88.6	88.4	81.6	72.5	-	75.8	98.0	98.0	86.6	75.0	-	80.1
1998												
January	78.4	78.3	71.3	59.2	-	63.4	89.1	89.1	76.9	61.0	-	66.9
February	70.8	70.7	64.1	57.7	-	60.0	81.0	81.0	70.4	59.7	-	63.6
March	65.7	65.6	56.3	55.8	-	56.0	75.8	75.8	63.1	57.1	-	59.6
April	66.6	66.6	58.8	57.2	-	57.8	76.0	76.0	W	58.2	-	60.3
May	71.7	71.6	64.4	60.4	-	61.8	80.2	80.2	W	61.3	-	64.4
June	73.6	73.5	64.7	59.2	-	60.9	82.3	82.3	W	60.3	-	63.4
July	72.3	72.2	63.9	58.5	-	60.3	81.2	81.2	W	59.5	-	62.7
August	68.4	68.3	61.4	53.6	W	56.4	77.1	77.1	W	W	-	58.9
September	67.5	67.4	61.0	53.8	-	56.6	76.5	76.5	W	55.2	-	59.3
October	69.6	69.4	60.2	54.0	-	56.1	78.4	78.4	66.9	55.9	-	59.7
November	63.0	62.8	58.4	49.5	-	52.6	72.5	72.5	W	50.8	-	55.8
December	60.0	59.9	54.8	43.6	-	47.5	69.1	69.1	W	44.8	-	50.8
1998	69.1	69.0	61.4	54.6	W	57.0	78.8	78.8	W	W	-	60.1
1999												
January	58.9	58.8	53.9	45.9	-	49.0	68.7	68.7	60.3	47.6	-	52.4
February	56.2	56.2	50.9	45.8	-	47.9	66.8	66.8	W	47.8	-	51.8
March	67.9	67.8	61.2	55.2	-	58.1	77.2	77.2	W	56.1	-	60.7

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 ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
1994	92.9	92.4	79.9	67.5	56.7	76.5	79.3	78.8	71.5	60.7	53.5	67.5
1995	94.6	94.3	84.7	72.4	W	79.1	80.4	80.2	74.2	64.7	59.5	69.1
1996	103.7	103.5	90.7	80.0	58.3	85.5	90.2	90.0	81.1	73.1	W	76.8
1997												
January	108.5	108.3	93.2	W	—	89.1	92.8	92.6	82.5	78.5	—	80.2
February	110.9	110.6	98.1	W	—	91.9	94.9	94.7	87.4	79.0	—	82.6
March	111.0	110.6	100.2	82.6	—	92.5	95.5	95.2	89.1	76.3	—	82.5
April	104.2	104.2	94.7	W	—	79.9	91.1	90.9	84.0	70.1	—	73.5
May	105.5	105.5	98.4	W	—	86.6	91.7	91.6	84.7	76.0	—	79.3
June	104.7	104.7	93.2	W	—	82.2	90.4	90.3	81.9	72.3	—	75.8
July	101.8	101.8	88.5	W	—	79.6	87.6	87.5	77.0	71.9	—	73.7
August	105.1	104.9	92.6	W	—	85.7	90.3	90.1	81.6	78.4	—	79.5
September	108.5	108.1	97.7	W	—	87.4	94.0	93.7	87.2	76.2	—	80.1
October	107.7	107.2	97.5	W	—	87.0	92.9	92.6	86.7	73.0	—	77.6
November	107.3	107.0	95.0	W	—	85.7	91.4	91.1	84.0	71.5	—	76.0
December	104.1	104.1	90.3	W	—	80.5	87.5	87.3	79.0	66.0	—	70.8
1997	107.3	107.1	95.1	80.5	—	86.4	91.8	91.6	84.0	73.6	—	77.5
1998												
January	98.7	98.7	85.3	67.7	—	74.5	82.3	82.2	73.9	60.4	—	65.2
February	90.8	90.7	78.5	66.0	—	71.1	74.4	74.3	66.8	58.8	—	61.7
March	84.5	84.5	70.8	62.9	—	66.9	68.4	68.4	59.1	56.7	—	57.7
April	85.1	85.1	75.1	W	—	67.7	69.3	69.3	61.3	57.8	—	59.0
May	89.2	89.2	80.6	W	—	71.8	74.3	74.2	67.0	61.0	—	63.0
June	90.9	90.9	79.6	W	—	69.7	76.1	76.0	67.1	59.8	—	62.0
July	89.0	89.0	78.5	W	—	70.3	74.8	74.7	66.4	59.1	—	61.6
August	84.8	84.8	75.5	59.4	—	66.8	70.9	70.7	64.0	54.2	W	57.8
September	85.3	85.3	75.8	W	—	68.1	70.2	70.1	63.9	54.7	—	58.3
October	87.4	87.3	73.1	62.1	—	67.3	72.7	72.5	63.5	55.2	—	58.2
November	82.6	82.5	71.7	W	—	65.1	66.6	66.5	61.9	51.0	—	55.0
December	79.7	79.6	NA	W	—	59.7	63.7	63.5	58.2	45.1	—	49.9
1998	87.7	87.7	74.7	61.6	—	67.3	72.2	72.1	64.2	55.5	W	58.7
1999												
January	79.1	79.1	NA	54.4	—	60.2	62.6	62.5	57.0	47.3	—	51.1
February	76.8	76.8	NA	W	—	59.7	60.0	59.9	54.0	47.3	—	50.2
March	87.7	87.7	NA	W	—	70.0	71.1	71.1	64.2	56.2	—	60.1

Dash (—) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

^a 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 ^a	DTW	Rack	Bulk	Total	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total
1994	4.0	4.1	9.4	5.2	0.9	15.5	0.7	0.7	2.1	0.8	W	2.9
1995	2.5	2.5	3.8	W	W	8.1	0.5	0.5	0.8	0.5	-	1.3
1996	2.4	2.5	2.6	2.9	W	5.6	0.5	0.5	0.5	0.4	-	0.9
1997												
January	3.7	3.7	2.9	4.5	-	7.4	0.8	0.8	W	0.5	-	1.1
February	3.6	3.7	2.9	4.2	-	7.1	0.7	0.7	W	0.5	-	1.0
March	2.1	2.1	1.9	2.3	-	4.1	0.4	0.4	0.4	0.2	-	0.6
April	0.9	0.9	0.5	1.6	-	2.1	0.2	0.2	W	0.2	-	0.3
May	1.3	1.4	1.0	1.7	-	2.7	0.2	0.2	W	0.2	-	0.3
June	1.5	1.6	1.0	1.8	-	2.8	0.3	0.3	W	0.2	-	0.4
July	1.3	1.4	1.0	1.8	-	2.8	0.2	0.2	W	0.2	-	0.4
August	1.3	1.4	1.0	1.9	-	2.8	0.2	0.2	W	0.2	-	0.4
September	1.6	1.6	1.3	2.4	-	3.7	0.2	0.2	W	0.4	-	0.6
October	2.1	2.2	2.0	4.2	-	6.3	0.4	0.4	W	0.7	-	1.1
November	3.1	3.2	2.9	5.3	-	8.2	0.7	0.7	W	0.8	-	1.3
December	3.4	3.4	3.0	5.6	-	8.6	0.7	0.7	W	0.8	-	1.3
1997	2.2	2.2	1.8	3.1	-	4.9	0.4	0.4	0.3	0.4	-	0.7
1998												
January	3.0	3.0	2.8	5.3	-	8.1	0.7	0.7	W	W	-	1.4
February	2.9	2.9	2.7	5.0	-	7.7	0.6	0.6	W	W	-	1.3
March	2.3	2.4	2.4	3.1	-	5.5	0.3	0.3	W	W	-	1.0
April	1.7	1.7	1.5	2.9	-	4.3	0.3	0.3	W	W	-	0.8
May	1.6	1.6	1.4	2.8	-	4.2	0.2	0.2	W	W	-	0.8
June	1.6	1.6	1.5	3.3	-	4.8	0.2	0.2	W	W	-	0.8
July	1.5	1.6	1.5	3.0	-	4.6	0.2	0.2	W	W	-	0.8
August	1.5	1.5	1.6	W	W	4.3	0.2	0.2	W	W	-	0.8
September	1.6	1.6	2.0	3.1	-	5.2	0.3	0.3	W	W	-	1.0
October	1.6	1.6	2.3	4.4	-	6.7	0.3	0.3	0.4	0.8	-	1.2
November	2.2	2.2	2.8	5.2	-	8.0	0.4	0.4	W	W	-	1.4
December	2.2	2.3	2.9	5.5	-	8.4	0.5	0.5	W	W	-	1.4
1998	2.0	2.0	2.1	W	W	6.0	0.4	0.4	W	W	-	1.1
1999												
January	2.4	2.4	3.1	4.9	-	7.9	0.5	0.5	0.5	0.8	-	1.3
February	2.5	2.5	3.5	4.9	-	8.3	0.5	0.5	W	W	-	1.3
March	2.2	2.2	3.2	3.4	-	6.6	0.4	0.4	W	W	-	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 ^a	DTW	Rack	Bulk	Total	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total
1994	1.2	1.2	5.0	1.4	0.2	6.6	5.9	6.1	16.5	7.4	1.1	25.0
1995	0.5	0.5	1.1	W	W	1.9	3.5	3.6	5.7	5.1	0.6	11.3
1996	0.4	0.4	0.6	0.5	0.0	1.1	3.4	3.4	3.7	3.8	W	7.6
1997												
January	0.6	0.6	0.6	W	—	1.3	5.1	5.2	4.1	5.7	—	9.8
February	0.5	0.5	0.6	W	—	1.2	4.9	5.0	4.0	5.3	—	9.3
March	0.3	0.3	0.4	0.3	—	0.7	2.7	2.8	2.6	2.8	—	5.4
April	0.1	0.1	0.1	W	—	0.3	1.2	1.2	0.7	2.0	—	2.7
May	0.1	0.1	0.1	W	—	0.3	1.7	1.7	1.3	2.1	—	3.4
June	0.2	0.2	0.1	W	—	0.4	2.0	2.0	1.3	2.3	—	3.6
July	0.2	0.2	0.1	W	—	0.4	1.7	1.7	1.3	2.3	—	3.6
August	0.1	0.1	0.1	W	—	0.4	1.7	1.7	1.3	2.4	—	3.6
September	0.2	0.2	0.2	W	—	0.5	2.0	2.1	1.7	3.1	—	4.8
October	0.3	0.3	0.3	W	—	0.8	2.8	2.8	2.7	5.5	—	8.2
November	0.4	0.4	0.5	W	—	1.2	4.2	4.3	3.9	6.8	—	10.7
December	0.5	0.5	0.5	W	—	1.3	4.6	4.6	4.1	7.1	—	11.2
1997	0.3	0.3	0.3	0.4	—	0.7	2.9	2.9	2.4	3.9	—	6.3
1998												
January	0.4	0.4	W	W	—	1.3	4.1	4.2	3.8	6.9	—	10.7
February	0.4	0.4	W	W	—	1.2	3.8	3.8	3.7	6.5	—	10.2
March	0.2	0.2	W	W	—	0.8	2.9	2.9	3.2	4.1	—	7.4
April	0.2	0.2	W	W	—	0.5	2.1	2.1	1.9	3.8	—	5.6
May	0.2	0.2	W	W	—	0.5	2.0	2.0	1.8	3.7	—	5.5
June	0.2	0.2	W	W	—	0.6	2.0	2.0	1.9	4.3	—	6.2
July	0.2	0.2	W	W	—	0.5	1.9	2.0	2.0	3.9	—	5.9
August	0.2	0.2	0.3	0.3	—	0.5	1.9	1.9	W	3.6	W	5.6
September	0.2	0.2	W	W	—	0.8	2.1	2.1	2.7	4.2	—	6.9
October	0.2	0.2	0.6	0.7	—	1.3	2.1	2.1	3.3	5.9	—	9.3
November	0.3	0.3	W	W	—	1.8	2.9	3.0	4.2	7.1	—	11.2
December	0.4	0.4	W	W	—	1.9	3.1	3.1	4.3	7.5	—	11.7
1998	0.3	0.3	0.4	0.5	—	1.0	2.6	2.6	W	5.1	W	8.0
1999												
January	0.4	0.4	NA	0.9	—	1.7	3.3	3.3	4.3	6.6	—	10.9
February	0.4	0.4	W	W	—	1.7	3.3	3.3	4.9	6.5	—	11.4
March	0.3	0.3	W	W	—	1.3	2.9	2.9	4.5	4.7	—	9.2

Dash (—) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

^a 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 ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
1994	76.4	75.8	72.0	56.9	54.3	63.8	87.9	87.3	77.0	62.8	W	72.8
1995	74.9	74.4	70.7	60.5	57.3	65.0	83.6	83.3	75.3	65.1	-	72.3
1996	83.4	83.0	78.8	69.8	67.7	73.8	92.4	92.1	83.7	74.1	W	80.9
1997												
January	82.4	82.1	77.1	74.3	73.6	75.6	92.1	91.8	82.7	78.1	W	81.4
February	82.9	82.6	77.8	71.2	72.9	74.8	92.6	92.4	83.1	75.2	W	81.0
March	82.1	81.9	78.4	69.9	73.4	74.6	91.8	91.7	83.7	74.0	W	81.0
April	83.0	82.8	80.5	68.0	69.0	74.4	92.5	92.4	85.1	72.3	W	81.5
May	82.8	82.5	78.3	68.4	63.7	72.5	92.5	92.2	83.8	72.6	W	80.6
June	81.1	80.7	76.4	64.1	58.3	69.4	91.1	90.7	81.9	68.5	W	78.0
July	79.6	79.2	73.9	64.8	59.4	68.6	89.6	89.2	79.5	69.1	W	76.4
August	84.9	84.7	81.3	74.3	72.2	77.3	95.0	94.7	87.1	78.5	W	84.5
September	88.2	87.9	85.0	71.6	72.5	78.3	98.1	97.9	90.4	75.9	W	86.2
October	86.4	86.1	82.2	67.4	67.9	74.5	96.0	95.8	87.4	71.7	W	82.9
November	83.1	82.8	78.6	64.3	60.5	71.0	92.7	92.5	83.7	68.6	W	79.4
December	79.4	79.1	74.5	60.7	58.7	67.0	89.3	89.1	79.7	65.2	W	75.5
1997	83.0	82.8	78.7	68.2	66.8	73.1	92.8	92.5	84.0	72.5	W	80.7
1998												
January	74.3	74.1	69.5	56.6	55.4	62.7	83.1	82.9	74.8	60.8	W	70.8
February	67.6	67.4	62.6	53.8	52.4	57.9	77.8	77.7	68.0	57.9	W	65.1
March	62.7	62.5	57.5	50.9	49.9	54.1	72.9	72.7	63.1	55.0	W	60.8
April	65.3	65.1	59.9	54.6	54.5	57.2	75.0	74.9	65.5	58.8	W	63.6
May	70.6	70.4	65.7	57.2	53.5	60.7	80.0	79.9	71.2	61.6	W	68.4
June	69.3	69.1	64.7	53.5	49.7	58.4	79.2	79.0	70.3	58.2	W	66.6
July	68.0	67.8	62.8	51.8	47.8	56.2	78.3	78.2	68.7	56.4	W	64.9
August	66.5	66.2	60.7	47.9	W	53.8	76.9	76.7	66.4	W	W	62.1
September	65.0	64.7	59.4	49.0	46.0	53.4	75.4	75.2	65.2	53.3	W	61.6
October	65.2	64.9	59.8	50.4	46.7	54.4	75.5	75.3	65.7	54.9	NA	62.5
November	64.0	63.7	59.1	46.0	44.2	51.9	74.6	74.4	65.1	50.3	W	60.7
December	61.7	61.4	57.2	40.5	37.6	47.8	72.5	72.2	63.2	45.3	W	57.9
1998	66.7	66.4	61.6	50.9	48.6	55.7	76.8	76.6	W	55.3	W	63.7
1999												
January	60.7	60.4	55.6	41.8	38.2	47.7	70.9	70.7	61.6	46.2	NA	57.0
February	58.6	58.1	54.0	40.0	39.4	46.4	69.1	68.9	60.1	44.5	W	55.4
March	67.7	67.3	61.9	52.1	51.4	56.6	77.1	76.9	67.1	55.8	W	63.7

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 ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
1994	96.6	95.8	86.1	67.7	55.8	77.7	83.1	82.4	77.1	59.9	54.7	68.7
1995	92.9	92.4	84.1	70.4	61.6	78.5	80.8	80.3	75.6	63.2	58.2	69.6
1996	100.2	99.8	91.0	79.1	70.9	85.9	88.2	87.8	82.8	72.0	68.2	77.4
1997												
January	101.1	100.7	91.3	W	76.5	88.4	87.3	87.0	81.5	76.4	74.0	79.0
February	101.0	100.7	91.1	W	74.2	87.3	87.6	87.3	81.9	73.2	73.1	78.1
March	100.0	99.6	91.1	W	71.7	86.1	86.8	86.6	82.4	71.8	73.1	77.8
April	100.0	100.1	91.9	W	69.5	86.0	87.5	87.5	84.0	70.1	69.1	77.8
May	99.5	99.3	90.3	W	70.1	85.1	87.4	87.2	82.2	70.6	64.7	76.3
June	98.6	97.9	88.9	W	64.9	82.6	86.0	85.6	80.5	66.4	59.5	73.4
July	97.6	96.9	86.8	W	64.3	81.5	84.4	84.1	78.1	67.1	60.3	72.4
August	103.0	102.8	94.3	W	78.1	90.1	89.6	89.5	85.4	76.6	73.1	80.9
September	105.9	106.0	97.1	W	75.2	90.7	92.7	92.6	88.7	73.7	73.0	81.8
October	103.2	102.9	93.7	W	67.6	85.8	90.7	90.4	85.8	69.4	67.8	77.9
November	100.1	99.8	90.3	W	62.4	82.3	87.5	87.2	82.3	66.2	61.0	74.5
December	96.8	96.6	86.5	W	60.3	79.0	83.9	83.6	78.2	62.6	59.0	70.6
1997	100.5	100.3	91.0	77.5	68.6	85.3	87.6	87.4	82.5	70.3	67.1	76.7
1998												
January	91.2	91.0	81.6	65.2	58.8	75.5	78.7	78.5	73.3	58.5	55.8	66.3
February	85.8	85.6	75.3	62.3	53.2	70.2	72.4	72.2	66.6	55.7	52.5	61.4
March	81.2	81.0	70.7	59.7	50.8	65.8	67.6	67.4	61.7	52.9	50.1	57.5
April	83.0	82.8	72.8	W	58.1	68.7	69.9	69.7	63.9	56.6	55.2	60.4
May	87.5	87.3	77.6	W	57.4	72.3	75.1	74.8	69.5	59.2	54.2	64.0
June	86.8	86.6	76.8	W	54.3	71.1	74.0	73.7	68.5	55.6	50.3	62.1
July	86.8	86.6	75.3	W	52.1	69.5	73.0	72.8	66.9	54.0	48.2	60.0
August	84.6	84.4	W	57.5	49.4	66.6	71.5	71.2	64.8	50.2	W	57.6
September	83.2	83.0	72.1	W	48.8	65.5	70.0	69.6	63.5	51.2	46.5	57.0
October	83.7	83.4	72.7	59.9	51.1	66.7	70.3	70.0	64.0	52.6	47.6	58.1
November	82.5	82.2	71.8	W	47.2	64.2	69.1	68.8	63.3	48.1	44.8	55.7
December	80.3	79.9	69.6	W	41.7	61.1	66.9	66.5	61.4	42.7	38.3	51.9
1998	84.7	84.4	74.1	59.8	51.6	68.0	71.5	71.2	65.6	53.0	W	59.3
1999												
January	78.6	78.2	67.8	50.5	42.1	59.8	65.8	65.5	59.7	43.9	39.0	51.5
February	76.7	76.1	66.2	W	42.2	58.6	63.7	63.3	58.1	42.1	39.9	50.1
March	83.4	82.8	72.3	W	52.8	66.6	72.0	71.6	65.2	53.9	51.6	59.6

Dash (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

^a 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 ^a	DTW	Rack	Bulk	Total	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total
1994	0.6	0.6	2.1	1.6	0.6	4.3	0.2	0.2	0.7	0.3	W	1.0
1995	7.8	8.1	20.7	W	W	43.3	3.0	3.1	7.4	3.1	-	10.5
1996	10.7	11.1	26.1	20.5	8.0	54.6	3.3	3.4	7.9	3.3	W	11.3
1997												
January	11.3	11.8	27.2	19.8	7.3	54.3	3.2	3.3	7.9	3.0	W	10.8
February	12.1	12.6	28.3	20.7	6.9	55.9	3.3	3.4	8.1	3.0	W	11.1
March	12.4	12.9	28.4	21.2	7.4	57.0	3.4	3.5	8.0	3.1	W	11.1
April	12.4	12.8	29.0	21.1	7.0	57.1	3.4	3.5	7.9	3.0	W	11.0
May	12.0	12.4	27.3	21.1	7.9	56.3	3.3	3.4	7.9	3.1	W	11.1
June	12.2	12.6	27.4	21.5	7.0	56.0	3.4	3.5	7.9	3.2	W	11.1
July	14.0	14.4	27.5	22.7	6.8	57.0	3.8	3.9	8.0	3.4	W	11.5
August	14.8	15.1	28.1	23.2	8.5	59.8	3.9	4.0	8.0	3.4	W	11.5
September	14.7	15.1	27.7	22.0	7.3	57.0	3.7	3.8	7.7	3.1	W	10.8
October	14.9	15.3	28.0	22.4	8.7	59.1	3.7	3.8	7.7	3.1	W	10.9
November	14.3	14.6	28.7	21.8	6.9	57.4	3.6	3.7	7.7	3.0	W	10.7
December	15.6	15.9	29.0	22.6	8.8	60.3	4.0	4.0	7.7	3.1	W	10.9
1997	13.4	13.8	28.0	21.7	7.6	57.3	3.6	3.7	7.9	3.1	W	11.0
1998												
January	13.6	13.8	27.4	20.9	8.2	56.5	3.7	3.7	7.2	W	W	10.0
February	14.4	14.6	28.4	21.9	7.4	57.7	3.6	3.6	7.3	W	W	10.3
March	14.6	14.8	29.1	22.5	6.8	58.4	3.6	3.7	7.4	W	W	10.4
April	15.0	15.2	29.7	22.8	8.6	61.2	3.7	3.7	7.5	W	W	10.5
May	14.9	15.2	29.9	23.5	9.8	63.1	3.8	3.8	7.5	W	W	10.6
June	15.3	15.6	30.3	24.2	8.2	62.7	3.9	3.9	7.6	W	W	10.9
July	15.8	16.0	29.5	24.3	10.6	64.5	4.1	4.1	7.6	W	W	11.0
August	15.4	15.6	29.2	W	W	61.4	4.0	4.0	7.5	W	W	10.9
September	15.4	15.7	28.6	23.6	9.3	61.5	4.0	4.0	7.4	W	W	10.5
October	14.3	14.6	28.3	23.6	7.7	59.7	3.9	3.9	7.4	3.1	NA	10.5
November	13.9	14.2	27.4	22.7	8.4	58.5	3.8	3.8	7.2	W	W	10.3
December	14.5	14.8	27.9	23.9	8.7	60.5	3.9	3.9	7.3	W	W	10.4
1998	14.8	15.0	28.8	23.2	8.5	60.5	3.8	3.9	W	3.1	W	10.5
1999												
January	13.0	13.3	25.4	21.3	8.0	54.6	3.7	3.7	6.5	2.7	NA	9.2
February	13.6	14.0	27.5	23.3	9.1	59.9	3.7	3.7	7.0	W	W	10.0
March	14.3	14.6	29.0	24.5	8.4	61.8	3.7	3.8	7.1	W	W	10.1

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 ^a	DTW	Rack	Bulk	Total	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total
1994	0.2	0.2	1.2	0.5	0.2	1.9	1.0	1.0	4.0	2.4	0.8	7.2
1995	3.1	3.2	12.0	W	W	18.9	14.0	14.4	40.1	25.9	6.6	72.6
1996	3.1	3.2	11.7	5.3	1.5	18.6	17.0	17.6	45.7	29.2	9.6	84.5
1997												
January	2.9	3.0	11.1	W	1.0	16.9	17.5	18.2	46.2	27.5	8.3	82.0
February	3.0	3.1	11.5	W	0.8	17.1	18.4	19.1	47.9	28.5	7.8	84.2
March	3.1	3.2	11.6	W	1.5	18.2	18.9	19.7	48.0	29.3	8.9	86.2
April	3.2	3.4	11.7	W	1.4	18.2	19.0	19.8	48.6	29.3	8.4	86.3
May	3.2	3.4	11.5	W	1.5	18.4	18.5	19.2	46.7	29.6	9.5	85.8
June	3.4	3.6	11.8	W	1.6	18.8	18.9	19.6	47.1	30.1	8.7	86.0
July	3.7	4.0	11.8	W	1.5	19.2	21.5	22.2	47.4	32.0	8.3	87.7
August	3.6	3.8	11.4	W	1.5	18.5	22.3	22.9	47.5	32.2	10.0	89.7
September	3.4	3.7	10.7	W	1.2	17.1	21.9	22.6	46.1	30.2	8.6	84.9
October	3.5	3.6	11.1	W	2.0	18.4	22.2	22.7	46.8	30.9	10.7	88.4
November	3.5	3.5	11.6	W	2.2	18.9	21.4	21.8	47.9	30.0	9.1	87.0
December	3.8	3.8	11.8	W	1.9	19.2	23.4	23.7	48.5	31.2	10.7	90.4
1997	3.4	3.5	11.5	5.3	1.5	18.2	20.3	21.0	47.4	30.1	9.1	86.6
1998												
January	3.5	3.5	11.2	W	W	17.3	20.7	21.0	45.8	28.7	9.3	83.8
February	3.7	3.7	11.9	W	W	18.3	21.7	22.0	47.6	30.1	8.5	86.2
March	3.8	3.9	12.3	W	W	19.6	22.0	22.4	48.8	31.0	8.6	88.4
April	3.8	3.9	12.3	W	W	19.8	22.5	22.8	49.4	31.5	10.5	91.5
May	3.8	3.9	12.2	W	W	19.9	22.6	22.9	49.5	32.4	11.7	93.6
June	4.0	4.0	12.5	W	W	19.8	23.2	23.5	50.4	33.5	9.5	93.4
July	4.2	4.2	12.6	W	W	20.2	24.0	24.3	49.7	34.2	11.8	95.7
August	4.2	4.2	W	6.4	W	20.6	23.5	23.9	W	34.2	W	92.9
September	4.1	4.2	12.5	W	W	21.0	23.5	23.9	48.5	33.0	11.5	93.0
October	3.9	4.0	12.4	6.2	2.0	20.7	22.1	22.5	48.1	33.0	9.8	90.9
November	3.8	3.9	12.2	W	W	20.4	21.5	21.9	46.9	31.8	10.4	89.1
December	4.0	4.0	12.5	W	W	20.6	22.3	22.7	47.8	33.6	10.2	91.6
1998	3.9	3.9	12.3	6.0	1.6	19.9	22.5	22.8	W	32.3	W	90.9
1999												
January	3.7	3.8	11.2	5.8	2.0	19.0	20.4	20.7	43.1	29.8	9.9	82.9
February	3.8	3.9	12.3	W	W	20.5	21.2	21.6	46.7	32.7	11.0	90.4
March	3.8	3.9	12.1	W	W	20.2	21.8	22.3	48.1	34.0	10.0	92.1

Dash (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

^a 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	
1994	87.2	76.5	65.2	73.6	31.1	63.4	77.6	33.6
1995	86.5	77.7	64.6	74.7	32.4	66.2	76.6	35.4
1996	99.1	88.4	73.3	75.7	41.3	76.4	88.6	47.1
1997								
January	117.8	105.9	91.0	88.6	54.0	93.7	110.0	61.2
February	107.3	97.1	79.6	77.8	42.1	82.6	97.9	46.0
March	102.2	92.4	80.0	74.7	41.2	79.2	90.8	42.8
April	98.6	90.2	76.9	71.4	36.2	78.2	84.9	39.1
May	97.2	88.3	74.6	70.1	35.9	79.4	81.3	38.1
June	95.6	87.6	73.4	69.7	35.3	80.6	80.8	37.5
July	90.3	86.3	73.2	68.6	35.3	74.0	78.3	37.0
August	86.1	84.3	72.1	66.8	36.9	71.0	77.0	38.4
September	87.7	84.7	73.3	68.4	37.6	70.0	77.6	40.3
October	89.9	84.9	73.2	69.9	39.5	65.6	78.2	41.9
November	92.1	86.7	73.7	69.0	38.6	68.0	82.0	40.8
December	94.5	87.4	74.9	69.2	35.2	71.4	85.8	38.7
1997	99.6	90.5	77.8	72.6	38.4	74.3	87.8	42.6
1998								
January	94.7	86.5	80.9	67.2	32.2	70.6	85.5	36.5
February	96.3	87.7	77.4	66.6	30.9	70.4	84.9	34.1
March	93.5	85.5	75.4	64.5	28.7	70.0	82.6	32.3
April	94.4	84.3	78.3	64.5	28.9	72.8	80.6	31.1
May	94.9	84.9	76.5	74.4	28.1	76.3	78.2	30.0
June	90.4	84.0	69.6	63.0	25.2	71.8	75.4	27.4
July	86.1	82.4	68.0	60.1	24.9	68.2	73.9	26.6
August	82.2	80.5	67.1	59.3	24.3	64.4	70.8	26.5
September	81.8	79.1	65.7	58.0	24.3	59.7	71.6	26.9
October	82.6	76.6	66.0	58.0	25.9	56.0	71.2	28.5
November	84.4	75.4	67.8	77.6	26.0	60.0	74.9	28.4
December	85.0	75.9	67.4	77.2	21.5	61.2	75.0	26.4
1998	89.5	82.0	71.9	68.0	27.1	65.2	78.1	29.8
1999								
January	85.3	76.3	68.0	75.8	23.2	62.2	77.4	27.3
February	87.1	75.6	68.9	77.9	23.6	63.0	76.7	27.3
March	87.5	75.9	68.7	78.7	23.3	63.1	77.1	27.8

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^a 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 ^b	Other End Users ^c	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							
January	107.9	77.0	81.7	84.1	83.5	88.2	70.6
February	105.1	74.5	79.1	81.9	82.0	84.8	67.2
March	101.6	69.3	73.0	76.5	76.4	78.5	61.7
April	99.2	67.7	72.3	75.5	76.8	75.8	61.8
May	96.4	66.3	71.0	74.5	75.9	73.3	60.8
June	92.3	63.1	67.9	72.2	73.1	69.7	56.9
July	88.3	62.0	66.7	70.5	71.2	68.0	56.1
August	86.9	64.2	68.5	71.9	73.0	69.9	58.8
September	88.7	63.7	68.5	71.4	73.2	70.1	57.8
October	92.3	67.3	71.1	73.8	76.5	73.7	61.9
November	94.1	68.0	71.0	74.0	75.1	75.4	61.6
December	93.8	63.9	66.7	70.9	70.4	73.8	56.0
1997	98.4	67.4	71.2	74.5	75.3	75.3	61.1
1998							
January	92.5	59.4	61.8	66.3	65.6	69.8	51.0
February	91.5	57.5	60.1	63.5	63.4	67.6	49.6
March	89.6	54.9	57.5	61.6	62.0	64.5	47.1
April	87.6	55.7	58.6	61.6	63.6	62.5	48.5
May	84.8	54.3	57.4	61.9	63.0	60.3	47.3
June	81.1	50.9	54.7	59.1	59.8	56.8	44.1
July	77.6	49.9	54.0	57.9	57.4	55.4	42.7
August	75.5	48.7	52.4	56.2	56.9	54.1	41.3
September	77.0	51.6	55.3	58.1	59.8	56.9	45.5
October	78.6	51.7	55.3	58.8	60.5	58.0	45.2
November	79.9	49.6	53.0	56.6	57.2	57.4	41.8
December	79.0	45.7	48.6	52.4	52.6	55.2	36.7
1998	85.2	52.4	55.7	59.4	60.1	60.0	45.0
1999							
January	80.4	46.7	48.9	51.5	51.1	57.4	37.7
February	79.8	45.0	47.9	50.3	50.7	55.1	36.0
March	80.8	50.5	53.4	54.9	55.4	58.7	43.3
April ^d	^E 80.8	NA	NA	^E 63.0	NA	NA	^E 48.4

NA = Not available.

E = Estimated data.

^a Includes sales of No. 2 fuel oil and high- and low-sulfur diesel fuels.

^b Includes low-sulfur diesel fuel only.

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

^d **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 ^a	Other End Users ^b	Average	
1994	57.7	64.5	67.3	66.1	62.8	53.8
1995	58.8	64.9	67.0	67.7	63.6	54.6
1996	71.1	77.5	78.8	79.6	75.7	66.7
1997						
January	75.6	81.7	84.1	83.7	80.4	70.7
February	73.7	79.1	81.9	82.1	78.3	68.5
March	68.3	73.2	76.5	76.6	72.9	63.4
April	67.1	72.7	75.5	77.2	72.3	62.8
May	66.0	71.3	74.5	76.3	71.3	61.3
June	62.8	68.2	72.2	73.5	68.6	57.4
July	61.8	67.1	70.5	72.0	67.2	56.6
August	64.2	69.1	71.9	73.6	69.1	59.6
September	63.6	69.3	71.4	73.8	68.6	58.6
October	67.1	71.8	73.8	76.8	71.6	62.6
November	67.4	71.7	74.0	75.7	71.5	62.5
December	62.3	67.3	70.9	70.8	67.1	56.4
1997	66.6	71.5	74.5	75.7	71.4	61.6
1998						
January	57.1	62.2	66.3	65.8	62.3	51.0
February	55.5	60.3	63.5	63.4	60.1	49.5
March	53.1	57.8	61.6	62.0	58.0	47.2
April	54.9	59.1	61.6	63.8	59.3	49.3
May	54.0	58.1	61.9	63.9	59.0	48.2
June	50.8	55.3	59.1	60.5	55.8	44.8
July	49.7	54.7	57.9	58.0	54.6	43.4
August	48.6	53.2	56.2	57.7	53.4	42.2
September	51.4	55.9	58.1	60.3	55.7	46.2
October	51.4	55.9	58.8	60.9	56.1	46.2
November	48.6	53.6	56.6	57.5	53.4	42.4
December	44.3	49.1	52.4	52.9	49.0	36.8
1998	51.5	56.3	59.4	60.5	56.3	45.5
1999						
January	44.4	48.9	51.5	51.6	48.6	37.6
February	43.3	48.3	50.3	50.8	47.5	36.5
March	49.2	54.0	54.9	55.6	52.9	44.4
April ^c	NA	NA	^E 63.0	NA	NA	NA

NA = Not available.

E = Estimated data.

^a Includes low-sulfur diesel fuel only.

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

^c **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 ^a	Average		Commercial/ Institutional Consumers	Industrial Consumers	Other End Users ^a	Average	
1994	59.1	66.0	67.3	67.4	64.2	54.2	55.3	62.9	64.6	59.8	51.9
1995	59.8	66.3	67.0	68.4	64.5	55.1	56.8	63.6	66.7	61.4	52.4
1996	72.3	79.1	78.8	80.6	76.7	67.3	68.7	75.9	78.4	73.2	63.9
1997											
January	76.6	82.7	84.1	83.7	81.2	71.0	73.8	80.7	83.7	78.2	69.4
February	74.9	81.6	81.9	82.5	79.3	68.8	71.5	76.8	81.7	75.4	66.5
March	69.0	74.8	76.5	76.7	73.7	64.0	67.0	71.7	76.6	70.6	60.9
April	67.7	74.4	75.5	77.0	72.8	63.2	65.8	71.0	77.4	70.6	60.6
May	66.4	72.0	74.5	76.3	71.8	61.8	65.1	70.5	76.3	69.9	59.1
June	62.9	68.7	72.2	73.9	69.1	57.7	62.6	67.6	73.0	66.9	56.1
July	61.7	67.7	70.5	72.5	67.7	56.9	61.9	66.5	71.4	65.9	55.1
August	64.4	69.8	71.9	74.2	69.6	59.9	63.9	68.4	72.7	67.5	58.0
September	63.5	70.3	71.4	74.2	68.9	58.7	63.7	68.1	73.2	67.5	57.9
October	67.2	72.3	73.8	77.2	71.9	62.9	66.8	71.1	76.3	70.8	61.0
November	67.5	72.0	74.0	76.3	71.9	63.0	67.1	71.2	74.9	70.2	59.9
December	62.9	66.9	70.9	71.4	67.8	56.7	61.1	67.7	70.0	64.9	54.9
1997	67.0	72.2	74.5	76.0	71.9	61.9	65.9	70.8	75.3	69.8	60.2
1998											
January	57.5	61.7	66.3	65.5	62.9	51.4	56.3	62.8	66.3	60.3	49.1
February	55.6	59.5	63.5	63.3	60.5	49.9	55.4	61.1	63.5	58.9	47.9
March	53.2	57.4	61.6	61.9	58.5	47.5	52.8	58.2	62.1	56.4	45.2
April	54.9	58.7	61.6	63.6	59.4	49.7	54.9	59.6	64.1	58.8	46.8
May	53.9	58.1	61.9	63.8	59.1	48.8	54.4	58.1	64.0	58.5	45.5
June	50.7	54.4	59.1	60.5	56.1	45.3	50.9	56.3	60.5	55.2	42.4
July	49.5	54.0	57.9	58.0	54.8	43.8	50.0	55.6	58.0	53.7	41.6
August	48.4	53.3	56.2	57.4	53.6	42.4	48.9	53.1	58.2	52.5	40.6
September	51.5	55.9	58.1	60.2	55.9	46.6	51.1	55.8	60.4	54.9	44.1
October	51.4	56.0	58.8	60.4	56.2	46.5	51.5	55.8	61.4	55.7	44.8
November	48.8	53.3	56.6	57.0	53.8	42.7	48.2	54.1	58.1	52.2	40.7
December	44.5	48.5	52.4	51.8	49.3	37.0	43.7	49.7	54.6	47.9	35.7
1998	51.5	55.9	59.4	60.2	56.6	45.8	51.5	56.7	60.9	55.4	43.7
1999											
January	45.0	48.4	51.5	51.1	49.1	37.9	43.2	49.5	52.4	46.7	36.3
February	43.5	47.5	50.3	50.3	47.9	36.8	42.7	49.2	51.6	46.4	34.8
March	49.7	53.1	54.9	55.1	53.1	44.9	48.3	54.9	56.3	52.0	41.6
April ^d	NA	NA	E ^{63.0}	NA	NA	NA	NA	NA	NA	NA	NA

NA = Not available.

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

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

^b **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										
January	107.9	109.0	108.6	105.2	106.5	102.1	107.0	104.4	106.5	130.4
February	105.1	106.0	105.2	102.2	103.4	101.0	104.5	103.5	104.2	127.0
March	101.6	102.5	99.3	94.3	97.7	98.6	100.4	103.1	100.7	121.4
April	99.2	100.3	97.6	90.9	95.9	95.2	99.4	100.4	100.1	116.3
May	96.4	97.1	93.4	90.6	93.0	91.9	97.3	97.7	96.4	108.6
June	92.3	92.9	89.9	88.1	89.1	89.1	93.3	92.9	90.8	99.9
July	88.3	88.7	83.7	86.7	87.5	85.6	91.6	91.1	88.8	W
August	86.9	86.8	84.2	85.8	84.7	85.3	91.0	92.7	89.2	W
September	88.7	89.0	85.5	87.0	87.0	86.3	91.2	91.7	88.5	NA
October	92.3	92.8	88.9	90.0	89.5	88.2	94.6	93.1	88.0	106.7
November	94.1	94.6	91.3	92.0	90.7	88.6	95.4	94.7	92.0	W
December	93.8	94.6	91.9	90.9	89.9	88.5	94.6	94.0	94.2	111.8
1997	98.4	99.3	96.3	94.2	96.0	94.2	98.9	98.7	98.4	117.4
1998										
January	92.5	93.6	91.4	88.7	88.8	87.4	93.4	92.9	92.5	111.0
February	91.5	92.7	90.0	85.7	87.6	86.7	92.6	91.7	91.9	110.0
March	89.6	90.8	88.6	83.0	86.6	84.4	90.2	92.2	90.6	104.9
April	87.6	88.5	85.7	81.6	83.4	81.3	88.9	89.1	88.5	100.3
May	84.8	85.8	83.2	80.3	81.8	79.4	87.2	86.9	81.7	NA
June	81.1	82.1	78.1	78.6	78.4	75.6	84.4	84.3	79.9	89.8
July	77.6	78.3	74.2	76.0	76.1	70.5	83.3	81.5	74.1	84.0
August	75.5	76.1	71.4	74.3	74.0	68.5	78.8	80.9	74.5	85.6
September	77.0	77.6	72.4	74.4	74.2	70.8	78.8	80.5	73.0	84.6
October	78.6	79.1	75.5	74.1	75.3	71.1	81.6	82.4	76.4	W
November	79.9	80.5	77.0	73.3	74.7	72.3	80.4	82.0	82.4	W
December	79.0	79.8	76.9	70.9	74.3	71.4	79.9	81.7	80.9	W
1998	85.2	86.3	83.4	79.1	81.8	78.9	86.8	87.3	85.8	102.2
1999										
January	80.4	81.3	78.6	72.0	75.3	70.8	79.9	80.5	82.1	W
February	79.8	80.5	77.3	71.6	74.7	70.4	79.4	79.7	80.4	W
March	80.8	81.3	77.9	74.2	75.7	70.4	79.3	79.5	82.9	W
April ^a	E80.8	E81.0	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										
January	117.1	111.6	114.3	104.2	105.5	103.8	99.7	99.2	100.9	105.6
February	115.0	108.7	111.6	102.1	102.7	101.2	97.7	93.2	97.0	104.4
March	108.1	104.9	111.2	97.7	100.4	98.1	93.2	90.2	94.7	NA
April	105.6	102.8	109.4	94.8	96.7	95.7	90.7	85.5	NA	91.7
May	101.9	100.1	107.7	92.4	89.9	92.9	90.4	81.9	88.7	90.7
June	98.0	97.2	103.6	87.6	87.8	90.6	87.0	81.4	84.2	88.2
July	96.1	90.3	99.4	82.0	85.9	87.4	83.3	79.9	79.9	84.9
August	93.8	90.1	92.9	80.7	85.3	85.0	84.2	81.3	83.2	87.4
September	94.7	91.2	94.5	82.8	88.9	87.6	84.4	77.4	80.4	88.3
October	97.8	95.4	100.6	87.2	90.2	88.1	87.1	82.6	84.5	88.9
November	100.3	97.8	101.7	89.5	91.8	92.2	88.3	81.5	85.0	93.6
December	100.9	98.2	101.8	89.9	92.5	93.6	85.8	82.1	81.8	88.9
1997	105.7	103.3	106.5	95.0	94.8	96.2	91.0	87.0	86.5	94.2
1998										
January	100.4	96.2	101.4	89.2	92.1	91.0	82.5	80.3	79.7	85.9
February	98.7	95.4	100.8	88.5	91.4	88.9	80.6	79.1	78.8	85.0
March	96.8	92.6	98.3	86.3	89.6	88.6	79.4	76.9	77.9	83.3
April	93.1	91.3	97.1	84.0	88.4	86.8	79.0	73.6	77.0	81.8
May	89.0	89.2	95.0	82.1	83.8	82.1	76.3	69.4	73.2	79.9
June	85.8	83.6	92.1	75.7	82.4	79.9	74.2	66.4	72.1	79.3
July	81.2	78.7	89.0	70.1	81.2	73.5	72.7	70.5	69.7	76.5
August	79.4	76.8	83.8	69.9	79.8	72.7	70.8	NA	70.6	74.5
September	81.7	80.0	85.2	71.7	81.5	72.6	72.5	66.3	72.5	75.9
October	80.3	82.0	88.0	74.1	80.5	76.9	73.8	69.8	73.0	77.3
November	82.1	83.1	89.3	76.6	81.6	76.8	73.1	70.9	71.8	77.9
December	80.3	82.2	89.3	75.9	79.9	73.8	71.3	66.6	69.1	77.9
1998	90.2	88.9	94.9	81.4	86.3	81.8	76.5	73.6	74.8	80.3
1999										
January	85.7	83.3	90.3	77.8	81.2	74.6	71.7	68.6	71.4	76.2
February	86.1	83.1	89.5	77.3	81.2	71.4	71.1	66.0	70.9	76.5
March	86.8	83.3	90.5	77.3	81.6	78.1	73.7	67.8	73.7	77.6
April ^a	NA	NA	NA	NA	NA	NA	74.6	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										
January	99.4	100.7	98.3	85.5	96.8	94.9	108.5	97.2	105.7	117.6
February	97.0	98.4	96.8	79.7	97.3	94.5	109.1	97.7	106.7	118.8
March	91.4	92.3	96.8	75.1	97.5	100.6	109.3	98.9	107.5	116.6
April	89.4	92.3	92.9	74.7	95.9	98.3	107.7	97.6	106.0	114.9
May	89.0	90.4	93.4	70.9	94.5	98.4	103.9	96.5	104.6	109.1
June	87.2	86.8	90.8	70.3	NA	93.4	102.5	96.1	100.2	112.2
July	84.7	83.2	86.9	70.4	89.9	89.9	103.3	97.6	96.8	NA
August	84.7	81.7	86.5	72.3	88.6	91.2	101.6	96.5	99.2	108.8
September	83.6	84.2	88.0	72.1	91.1	92.5	103.6	96.8	101.2	110.9
October	86.2	88.2	89.5	73.9	91.8	93.0	104.3	97.8	101.6	111.6
November	86.4	89.2	89.8	72.9	93.7	94.4	105.7	98.2	102.3	112.8
December	84.4	85.8	88.6	68.5	92.4	93.4	102.4	96.4	98.4	109.0
1997	89.9	91.3	93.3	73.8	93.7	95.3	106.0	97.3	103.1	113.9
1998										
January	81.5	81.9	85.4	66.2	83.3	85.0	98.9	NA	93.6	105.7
February	78.1	80.6	83.7	64.7	79.4	80.8	95.0	87.1	89.3	102.4
March	77.2	79.3	82.5	62.3	77.0	78.6	92.8	86.2	85.8	99.6
April	77.8	79.2	81.5	63.0	78.0	78.3	92.7	86.6	86.2	99.9
May	73.1	77.8	80.5	61.2	74.3	74.4	90.9	86.1	85.2	98.9
June	69.3	74.4	78.8	W	72.1	69.6	86.3	85.8	81.8	91.5
July	69.3	72.6	77.8	W	77.8	77.9	82.7	81.8	80.6	87.0
August	68.2	70.1	75.5	55.1	77.9	79.7	84.1	82.5	82.4	88.5
September	70.5	72.2	74.9	59.8	78.3	78.4	86.5	83.4	83.7	91.2
October	70.7	74.4	76.9	57.9	78.6	78.8	88.7	84.3	83.9	94.2
November	70.3	73.4	76.5	55.6	77.0	76.5	89.2	82.7	82.4	97.2
December	67.9	71.7	74.6	51.9	71.6	71.9	88.4	82.5	81.9	95.0
1998	73.9	76.6	80.1	65.6	77.6	78.3	91.4	85.1	85.9	98.6
1999										
January	68.0	72.8	75.0	53.8	68.7	68.5	87.1	80.6	81.8	93.0
February	67.0	72.1	73.9	51.0	69.0	67.9	87.1	81.2	79.9	93.5
March	69.5	76.5	76.5	56.6	71.7	71.0	93.2	84.7	85.5	101.6
April ^a	NA	NA	NA	^E 53.1	NA	NA	^E 98.5	NA	NA	NA

Dash (—) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

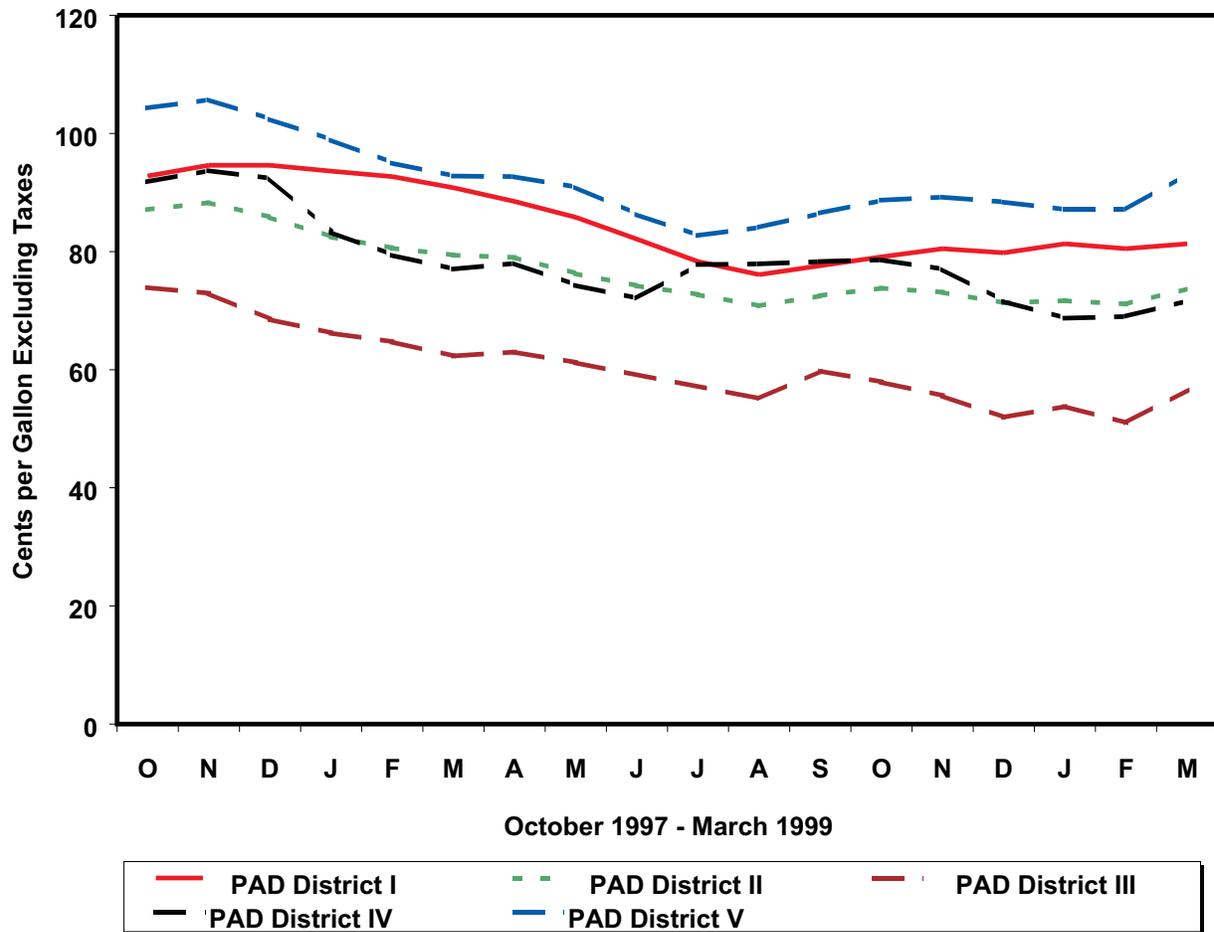
E = Estimated data.

^a 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."

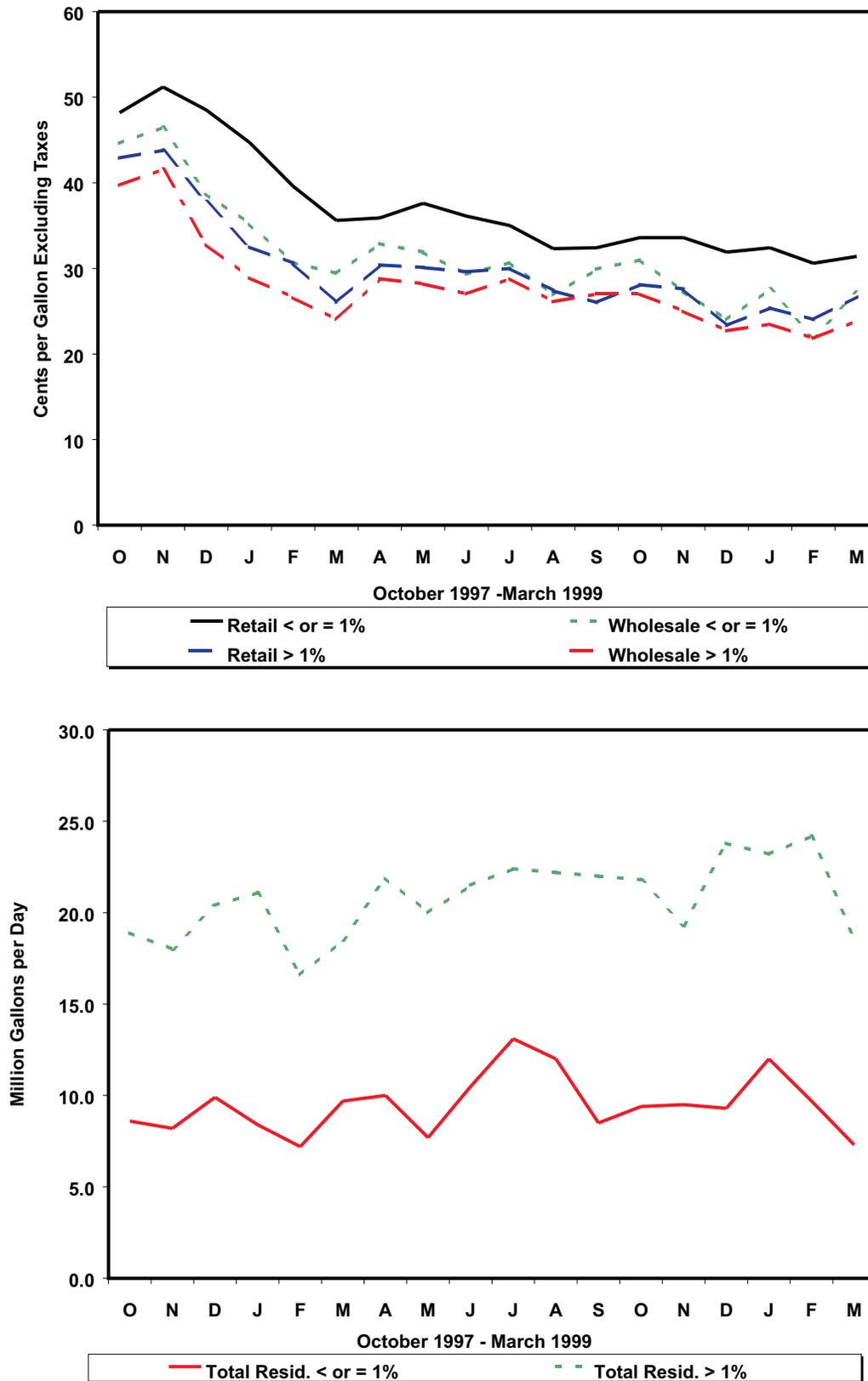
Table 19. U.S. Refiner Residual Fuel Oil Prices
(Cents per Gallon Excluding Taxes)

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						
January	58.7	46.2	46.3	39.3	49.5	42.9
February	54.6	43.7	41.8	35.4	45.2	39.3
March	49.3	39.8	37.6	33.9	40.3	35.8
April	46.4	37.6	37.5	35.2	39.7	36.1
May	45.2	36.7	38.6	35.4	40.3	35.8
June	44.4	39.5	38.7	34.7	40.1	36.7
July	44.2	38.5	38.2	35.3	39.6	36.5
August	44.6	39.4	39.5	37.5	40.7	38.3
September	46.4	40.1	40.1	37.5	41.3	38.7
October	48.2	44.6	42.9	39.7	43.9	42.0
November	51.2	46.5	43.8	41.6	45.7	43.5
December	48.5	38.7	37.8	32.8	40.2	35.6
1997	48.8	41.5	40.3	36.6	42.3	38.7
1998						
January	44.7	35.2	32.5	28.9	35.3	31.1
February	39.6	30.7	30.6	26.6	32.7	28.2
March	35.6	29.4	26.0	24.0	28.6	26.4
April	35.9	32.9	30.4	28.8	31.7	30.3
May	37.6	31.9	30.1	28.2	31.8	29.4
June	36.1	29.3	29.6	27.0	31.3	27.9
July	35.0	30.7	30.0	28.8	31.4	29.6
August	32.3	26.9	27.4	26.1	28.7	26.5
September	32.4	29.9	26.0	27.0	27.6	27.9
October	33.6	31.0	28.1	27.0	29.7	28.3
November	33.6	27.3	27.6	25.0	29.3	25.8
December	31.9	24.0	23.3	22.7	25.4	23.2
1998	35.4	29.9	28.4	26.8	30.2	27.9
1999						
January	32.4	27.6	25.4	23.5	27.2	25.2
February	30.6	21.9	24.0	21.8	25.8	21.8
March	31.4	27.2	26.7	23.9	28.0	24.8

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
1983	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
1985	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						
January	3.6	7.3	10.2	6.8	13.8	14.1
February	3.8	6.5	10.4	7.3	14.1	13.9
March	3.2	3.0	10.4	6.4	13.6	9.4
April	2.8	3.7	8.7	6.8	11.5	10.5
May	2.7	2.7	8.0	5.5	10.7	8.2
June	3.0	4.3	9.3	6.0	12.3	10.4
July	3.2	4.1	10.2	6.8	13.5	10.9
August	2.9	5.1	9.2	7.0	12.1	12.1
September	2.6	5.0	10.1	6.6	12.6	11.6
October	2.9	5.7	12.2	6.7	15.1	12.4
November	3.6	4.6	10.8	7.2	14.4	11.8
December	3.9	6.0	13.6	6.8	17.5	12.9
1997	3.2	4.8	10.3	6.7	13.4	11.5
1998						
January	3.6	4.8	11.9	9.2	15.5	14.0
February	3.1	4.1	10.4	6.2	13.5	10.2
March	4.2	5.5	11.3	7.2	15.5	12.7
April	3.5	6.5	11.0	10.9	14.4	17.4
May	3.0	4.7	10.2	9.8	13.2	14.5
June	3.7	6.8	10.2	11.3	13.8	18.2
July	4.5	8.6	11.6	10.8	16.0	19.4
August	4.8	7.2	13.0	9.2	17.8	16.5
September	3.2	5.3	9.8	12.2	13.0	17.4
October	4.0	5.4	10.0	11.8	14.0	17.2
November	4.1	5.0	10.1	9.2	14.2	14.1
December	4.4	4.9	13.7	10.1	18.1	15.0
1998	3.9	5.7	11.1	9.8	15.0	15.6
1999						
January	4.4	7.6	12.8	10.4	17.1	18.0
February	4.4	5.3	11.9	12.3	16.2	17.6
March	4.1	3.2	10.6	8.0	14.7	11.3

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													
January	21.76	22.68	23.97	23.71	23.95	22.31	23.44	23.94	23.66	23.72	23.11	23.52	22.93
February	19.38	19.89	22.68	20.95	21.06	19.63	20.54	21.09	20.81	20.61	19.62	21.01	19.88
March	17.83	18.34	20.14	19.70	19.68	18.39	19.08	19.59	19.15	19.16	18.30	19.13	18.50
April	16.63	17.19	18.95	18.35	18.04	17.35	18.00	18.51	18.11	18.09	17.36	17.79	17.40
May	17.23	18.03	18.82	18.56	18.64	17.99	18.95	19.50	19.12	18.93	18.30	18.98	18.37
June	15.88	16.49	17.96	16.93	16.98	16.25	17.17	17.88	17.59	17.09	16.51	17.12	16.55
July	15.89	16.68	17.88	17.14	17.05	16.49	17.54	18.19	17.90	17.46	16.90	17.51	16.94
August	16.19	17.06	18.09	17.24	17.09	16.52	17.71	18.38	18.00	17.63	17.09	17.56	17.11
September	16.41	17.05	17.80	16.97	16.71	16.22	17.58	18.24	17.80	17.54	17.07	17.58	17.74
October	17.66	18.55	19.11	W	18.34	17.45	19.16	19.68	19.29	19.11	18.44	19.15	18.52
November	16.83	17.47	18.68	18.40	18.81	16.70	18.03	18.60	18.21	17.89	17.30	18.31	17.29
December	15.04	15.69	16.99	16.85	17.13	15.12	16.32	16.96	16.53	16.14	15.66	17.26	15.47
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													
January	13.48	13.91	15.41	15.59	15.84	14.06	14.67	15.29	15.01	14.60	14.01	14.85	13.84
February	12.16	13.00	14.65	14.70	15.24	13.22	14.00	14.53	14.19	13.90	13.31	14.18	13.15
March	11.53	11.86	13.85	W	14.21	12.42	12.93	13.60	13.29	12.85	12.41	13.08	12.09
April	11.64	12.05	13.97	W	14.63	12.94	13.26	13.73	13.45	13.18	12.65	13.39	12.47
May	11.49	11.83	13.68	13.99	14.19	12.44	12.67	13.28	12.98	12.58	12.06	12.72	11.86
June	10.00	10.57	12.65	W	13.15	11.29	11.27	11.84	11.65	11.18	10.84	11.46	10.36
July	10.46	11.02	12.78	W	13.37	11.49	11.70	12.19	11.86	11.56	11.17	11.96	10.77
August	10.18	10.66	12.20	W	12.66	10.96	11.20	11.69	11.45	10.96	10.54	11.19	10.22
September	11.28	11.97	13.36	W	14.04	12.21	12.73	13.10	12.74	12.50	12.04	12.72	11.79
October	11.32	11.80	13.14	W	13.67	11.93	12.19	12.61	12.33	12.03	11.40	11.96	11.23
November	9.65	10.35	12.12	W	12.61	10.89	10.79	11.12	10.79	10.54	9.94	10.31	9.70
December	8.05	8.80	10.49	W	10.97	9.00	9.27	9.79	9.61	8.98	8.26	8.75	8.57
1998	10.88	11.52	13.21	13.66	13.67	11.95	12.28	12.78	12.49	12.19	11.67	12.28	11.50
1999													
January	8.59	9.57	11.09	W	11.88	9.84	10.34	10.60	9.89	10.11	9.47	10.14	9.81
February	8.58	9.27	10.84	W	11.58	9.49	10.02	10.18	9.85	9.66	9.02	11.71	9.35
March	10.60	11.43	12.51	W	13.50	11.63	12.74	12.83	12.50	12.47	11.76	12.86	12.33

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						
	ND	OH	OK	SD	Average	AL	AR	LA	MS	NM	TX	Federal Offshore Gulf
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												
January	22.29	22.59	23.82	22.78	23.58	23.05	22.36	24.30	22.03	23.96	23.48	23.56
February	19.49	19.92	20.94	19.72	20.71	20.70	19.36	21.40	19.15	21.02	20.49	20.90
March	18.15	18.64	19.43	18.31	19.01	18.83	18.02	19.52	17.51	19.45	18.95	18.96
April	17.18	17.51	18.37	17.30	17.83	17.53	17.04	18.40	16.43	18.40	17.88	17.52
May	18.13	18.18	19.35	18.17	18.85	18.76	17.93	19.35	17.37	19.26	18.97	18.45
June	16.30	16.49	17.59	16.48	17.24	17.19	16.19	17.66	15.53	17.60	17.24	17.14
July	16.60	16.61	18.03	16.65	17.56	17.31	16.52	17.98	15.88	17.89	17.58	17.44
August	16.79	16.71	18.23	W	17.85	17.56	16.70	18.27	16.05	18.13	17.86	17.76
September	16.71	16.33	18.06	W	17.78	17.63	16.62	18.27	15.92	18.01	17.74	17.77
October	18.30	17.81	19.68	W	19.25	19.05	18.11	19.88	17.51	19.51	19.25	19.09
November	17.16	16.89	18.53	W	18.28	18.17	17.05	18.75	16.32	18.51	18.19	18.40
December	15.34	15.36	16.78	15.87	16.43	16.42	15.24	17.00	14.64	16.57	16.32	16.56
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												
January	13.69	14.28	15.16	W	14.70	14.73	13.57	15.23	13.14	14.90	14.70	14.59
February	13.05	13.35	14.48	13.03	13.85	13.84	12.91	14.33	12.24	14.16	13.95	13.60
March	11.92	12.58	13.41	W	12.68	12.54	11.83	13.03	10.92	13.08	12.80	12.44
April	12.32	13.12	13.72	W	12.72	12.60	12.12	12.99	11.04	13.33	13.04	12.19
May	11.68	12.63	13.13	W	12.61	12.41	11.50	13.04	10.50	12.76	12.62	12.57
June	10.29	11.60	11.72	W	11.27	11.15	10.16	11.58	8.93	11.26	11.24	11.37
July	10.91	11.70	12.06	12.69	11.61	11.40	10.48	11.97	9.29	11.66	11.74	11.45
August	10.37	11.20	11.69	W	11.19	11.10	9.90	11.60	8.89	11.28	11.34	11.00
September	11.87	12.41	13.30	W	12.59	12.43	11.36	13.15	10.45	12.77	12.74	12.28
October	11.47	12.06	12.66	W	12.36	12.02	10.90	12.60	9.94	12.40	12.46	12.29
November	10.18	11.07	11.25	12.77	10.87	10.65	9.48	11.04	8.91	10.89	10.90	10.90
December	8.59	9.22	9.76	W	9.25	9.09	7.82	9.69	7.71	9.08	9.19	9.34
1998	11.38	12.20	12.73	12.29	12.18	12.08	11.10	12.59	10.33	12.36	12.28	12.01
1999												
January	9.52	10.06	10.89	9.37	10.15	9.98	8.98	10.58	8.76	10.34	10.37	9.77
February	9.17	9.70	10.40	W	9.88	9.46	8.49	10.04	8.28	9.98	9.98	9.79
March	11.71	11.71	13.46	10.57	12.16	11.47	11.15	12.42	10.50	12.60	12.47	11.70

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										
January	22.79	23.72	21.85	23.49	22.55	19.19	18.84	22.76	20.04	17.40
February	19.73	20.80	18.59	20.50	19.45	17.50	17.72	19.83	17.52	14.71
March	18.32	19.55	17.51	18.84	17.99	16.04	16.09	18.49	16.39	13.47
April	17.16	18.39	16.39	17.76	16.81	14.80	14.70	16.48	15.47	12.30
May	18.11	19.42	17.22	18.72	17.74	14.73	14.45	16.98	15.61	12.45
June	16.35	17.64	15.61	17.24	15.90	13.84	13.70	15.12	14.54	11.38
July	16.69	18.01	15.92	17.46	16.29	13.29	12.97	15.19	14.17	11.20
August	16.99	18.15	16.18	17.83	16.61	13.64	12.94	15.65	14.92	12.30
September	16.81	18.09	15.99	17.58	16.42	14.44	14.11	15.74	15.28	12.57
October	18.34	19.74	17.64	19.22	17.89	15.24	14.52	17.20	16.59	14.19
November	17.05	18.38	16.39	18.26	16.51	14.71	14.54	16.62	15.30	12.70
December	15.42	16.72	15.37	16.44	14.71	13.02	12.81	W	13.66	11.19
1997	17.80	19.03	17.00	18.57	17.41	15.06	14.84	17.43	15.78	12.97
1998										
January	13.60	15.10	13.72	14.84	12.79	11.54	11.82	W	11.53	9.11
February	12.96	14.35	13.10	14.17	12.16	9.46	9.15	W	10.27	7.53
March	11.84	13.35	12.08	12.93	10.97	9.67	10.29	W	9.25	6.52
April	12.31	13.52	12.40	13.47	11.54	9.72	10.08	W	9.57	6.85
May	11.93	12.99	11.82	13.08	11.19	9.66	10.17	11.27	9.39	6.53
June	10.36	11.59	10.40	11.49	9.63	8.01	7.74	10.87	8.64	6.03
July	10.92	12.05	11.01	12.05	10.20	8.63	8.25	11.83	9.42	6.75
August	10.25	11.20	10.20	11.60	9.58	8.70	8.39	11.51	9.39	6.74
September	11.82	12.91	11.74	12.96	11.19	9.36	8.69	12.90	10.41	7.84
October	11.55	12.41	11.35	12.73	11.04	9.92	9.89	W	10.31	7.99
November	10.07	10.74	9.99	11.04	9.64	7.88	7.16	10.48	9.11	6.68
December	8.49	9.28	8.61	9.26	8.05	6.33	5.46	8.85	7.81	5.04
1998	11.38	12.54	11.29	12.53	10.70	8.84	8.49	11.47	9.61	6.98
1999										
January	9.72	10.54	9.68	10.55	9.30	6.28	5.22	W	7.88	5.31
February	9.39	10.24	8.97	10.12	9.09	6.56	6.06	W	7.38	5.38
March	12.05	12.93	11.69	12.87	11.72	8.17	7.67	W	8.78	7.35

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
1994	9.77	11.79	11.65	12.47	15.71	14.54	15.65	14.16	11.87
1995	11.12	13.37	13.59	14.70	17.14	16.02	17.03	15.52	14.06
1996	15.32	15.70	15.97	17.13	20.89	19.82	20.96	19.49	18.16
1997									
January	18.84	18.86	19.05	20.06	24.17	22.90	24.09	22.62	20.87
February	17.72	15.98	16.29	17.30	21.31	19.92	21.15	19.54	17.52
March	16.09	15.25	15.40	16.39	19.56	18.59	19.72	17.67	15.92
April	14.70	14.25	14.61	15.61	18.31	17.56	18.66	16.74	14.84
May	14.45	14.86	14.99	16.23	19.39	18.44	19.70	17.99	15.58
June	13.70	13.64	13.72	14.94	17.60	16.55	17.84	16.30	13.83
July	12.97	13.36	13.56	13.94	17.96	16.87	18.19	16.72	14.34
August	12.94	14.20	14.59	W	18.23	17.08	18.42	17.03	14.61
September	14.11	14.58	14.71	W	18.26	16.94	18.30	16.89	14.43
October	14.52	15.96	16.09	W	19.88	18.55	19.82	18.50	15.78
November	14.54	14.50	14.36	W	18.78	17.38	18.78	17.25	14.14
December	12.81	12.81	12.96	W	17.03	15.55	16.79	15.46	12.13
1997	14.84	14.88	15.02	16.44	19.22	17.96	19.27	17.77	15.39
1998									
January	11.82	10.52	10.64	W	15.24	13.88	15.35	13.69	10.37
February	9.15	8.97	9.11	W	14.36	13.22	14.68	12.93	9.53
March	10.29	7.79	8.06	W	12.99	12.11	13.52	11.67	8.47
April	10.08	8.14	8.40	W	12.87	12.52	13.74	11.99	8.89
May	10.17	8.16	8.37	W	12.97	11.88	13.31	11.76	8.45
June	7.74	7.50	7.62	W	11.56	10.49	11.92	10.45	7.07
July	8.25	8.23	8.51	W	11.93	11.12	12.30	11.06	7.73
August	8.39	8.23	8.46	W	11.53	10.70	11.81	10.73	7.23
September	8.69	9.19	9.41	W	13.00	12.18	13.25	12.02	8.99
October	9.89	9.44	9.71	W	12.85	11.56	12.96	11.91	9.02
November	7.16	7.98	8.14	W	11.00	10.54	11.39	10.27	7.79
December	5.46	7.47	6.75	W	9.74	9.02	9.71	8.64	6.33
1998	8.49	8.48	8.59	9.11	12.55	11.62	12.90	11.50	8.33
1999									
January	5.22	7.14	7.22	7.98	10.59	9.82	10.92	9.75	7.60
February	6.06	7.05	7.18	W	10.06	9.55	10.49	9.41	7.40
March	7.67	8.65	8.83	W	12.31	12.06	12.99	11.89	10.01

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
1994	11.83	12.83	9.79	14.72	14.79	15.62
1995	13.26	14.64	11.14	16.15	16.24	16.98
1996	16.01	18.61	15.35	19.97	20.23	20.91
1997						
January	19.26	21.50	18.87	23.25	23.40	24.07
February	16.63	18.34	17.74	20.36	20.62	21.19
March	15.75	16.90	16.11	18.64	19.23	19.65
April	14.50	15.70	14.72	17.42	18.10	18.62
May	15.41	16.33	14.48	18.35	18.81	19.64
June	14.16	14.71	13.74	16.87	17.13	17.81
July	13.85	15.15	13.00	17.23	17.39	18.14
August	14.86	15.50	12.97	17.54	17.68	18.36
September	15.07	15.36	14.14	17.50	17.58	18.22
October	16.47	16.79	14.56	18.97	19.11	19.73
November	15.08	15.21	14.57	18.02	17.98	18.71
December	13.50	13.60	12.84	16.17	16.29	16.80
1997	15.44	16.27	14.87	18.38	18.62	19.26
1998						
January	11.26	11.65	11.84	14.46	14.64	15.28
February	9.75	10.69	9.19	13.61	13.91	14.58
March	8.78	9.71	10.31	12.41	12.72	13.44
April	9.09	10.11	10.10	12.45	13.06	13.62
May	9.00	9.86	10.18	12.49	12.53	13.20
June	8.30	8.40	7.77	11.13	11.09	11.82
July	9.09	9.23	8.28	11.54	11.61	12.21
August	9.04	8.72	8.41	11.15	11.19	11.72
September	10.06	10.35	8.72	12.50	12.59	13.19
October	9.86	9.91	9.90	12.22	12.25	12.76
November	8.70	8.86	7.18	10.65	10.95	11.27
December	7.81	7.40	5.48	9.15	9.22	9.59
1998	9.26	9.66	8.51	12.01	12.17	12.80
1999						
January	7.79	8.48	5.25	10.05	10.11	10.79
February	7.54	8.22	6.09	9.73	9.90	10.43
March	9.41	10.80	7.70	12.06	12.43	12.89

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.^a Costs of Imported Crude Oil by Selected Country
(Dollars per Barrel)

Year Month	Selected Countries							Persian Gulf ^b	Total OPEC ^c	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										
January	23.20	24.14	20.98	23.45	17.37	W	19.29	17.37	20.20	21.88
February	21.35	21.12	18.57	21.53	W	W	16.68	W	17.94	19.71
March	18.66	19.41	17.00	19.02	W	—	15.50	W	16.49	17.68
April	17.05	17.87	15.94	17.97	15.82	W	14.81	15.95	15.92	16.44
May	18.25	17.95	16.84	18.99	15.64	19.03	15.30	15.70	16.28	17.33
June	17.84	16.87	15.70	18.22	15.26	18.09	14.66	15.11	15.61	16.36
July	17.72	17.73	15.99	19.12	15.14	17.40	15.02	15.19	16.02	16.65
August	17.96	18.42	16.29	18.98	16.89	18.17	15.33	16.47	16.37	16.96
September	18.15	18.52	16.02	19.35	15.33	18.44	15.25	16.15	16.51	16.99
October	19.33	19.52	17.51	20.03	W	W	15.81	W	16.32	18.15
November	18.54	18.24	16.04	19.11	W	W	14.39	W	14.99	17.02
December	16.58	17.18	13.79	17.39	W	W	12.51	W	13.31	14.97
1997	18.81	18.85	16.72	19.43	15.16	18.59	15.33	15.24	16.26	17.51
1998										
January	14.47	15.36	12.11	15.21	W	W	11.29	W	12.24	13.12
February	13.12	14.27	11.48	13.78	W	W	10.34	W	11.42	12.10
March	12.53	13.10	9.77	13.56	W	W	9.70	W	10.92	11.22
April	12.93	13.48	11.01	13.86	W	W	10.32	7.92	10.60	11.63
May	13.79	13.08	11.25	14.13	7.63	W	9.78	7.90	10.53	11.94
June	11.79	11.85	10.04	11.57	8.56	W	9.16	8.71	9.76	10.51
July	11.14	12.24	10.44	11.77	9.06	W	8.99	8.95	9.76	10.83
August	11.37	12.12	9.85	12.23	9.77	11.13	8.54	9.68	9.69	10.60
September	12.59	13.20	11.13	13.92	W	W	10.52	W	11.45	11.96
October	11.67	13.37	11.05	12.58	10.19	W	9.43	10.19	10.22	11.67
November	10.82	11.29	9.71	10.64	8.88	10.85	6.62	8.66	8.04	10.32
December	9.33	9.58	7.82	10.29	7.69	W	6.51	7.60	7.54	8.69
1998	12.04	12.56	10.49	12.95	8.89	12.52	9.32	9.10	10.20	11.20
1999										
January	10.75	10.96	8.67	10.78	9.03	—	6.33	8.77	8.20	9.80
February	10.16	10.47	8.52	10.50	10.39	W	7.06	10.12	8.70	9.61
March	11.02	13.25	10.92	W	12.11	W	10.63	12.11	11.50	11.59

Dash (—) = No data reported.

W = Withheld to avoid disclosure of individual company data.

^a Free on Board. See Glossary.

^b Includes Baharain, Iran, Iraq, Kuwait, Neutral Zone, Qatar, Saudi Arabia, and United Arab Emirates.

^c 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.

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

Year Month	Selected Countries								Persian Gulf ^a	Total OPEC ^b	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											
January	24.45	21.79	24.98	21.52	24.67	20.90	24.18	20.42	20.88	21.49	22.87
February	22.54	19.75	21.72	19.11	23.26	18.33	24.33	17.58	18.34	19.19	20.59
March	20.32	18.44	20.39	17.43	20.58	18.04	23.59	16.57	18.13	18.05	18.83
April	18.66	17.25	18.76	16.60	19.27	17.56	18.80	16.05	17.39	17.46	17.57
May	19.58	17.47	18.76	17.59	19.87	17.10	20.04	16.42	17.08	17.58	18.15
June	19.33	16.31	17.74	16.24	19.57	16.93	19.54	15.70	16.85	17.01	17.24
July	18.59	16.61	18.57	16.50	20.02	17.02	18.59	15.99	16.82	17.12	17.40
August	19.14	17.16	18.98	16.84	20.01	18.33	19.33	16.23	18.05	17.80	17.76
September	19.50	16.97	19.36	16.69	20.35	18.02	19.56	16.14	17.86	17.86	17.84
October	20.83	18.33	20.45	18.11	21.14	17.10	18.85	16.76	17.35	17.79	19.19
November	19.64	16.78	19.28	16.84	20.55	15.43	19.93	15.41	15.75	16.63	17.99
December	18.24	15.13	18.12	14.45	19.03	14.79	18.61	13.42	15.06	15.01	16.30
1997	20.24	17.63	19.71	17.30	20.64	17.52	20.64	16.35	17.44	17.73	18.45
1998											
January	16.14	13.25	16.39	12.69	17.00	13.43	W	12.30	13.49	13.89	14.29
February	14.52	12.18	15.37	12.12	15.32	13.05	15.63	11.28	13.01	12.98	13.24
March	14.06	11.57	13.84	10.37	14.71	12.28	14.82	10.66	12.38	12.44	12.35
April	14.25	11.42	14.17	11.65	14.67	11.31	15.19	11.16	11.53	11.98	12.67
May	14.92	11.28	13.75	11.76	14.91	10.69	14.52	10.49	10.75	11.68	12.81
June	12.98	10.87	12.45	10.59	13.31	10.69	12.58	9.92	10.64	11.07	11.47
July	12.44	11.28	12.73	10.95	12.88	11.02	W	9.78	10.94	11.06	11.74
August	12.65	11.17	12.84	10.33	13.20	11.12	12.89	9.33	11.12	10.99	11.60
September	13.59	12.76	13.79	11.60	14.60	11.79	13.43	11.12	11.85	12.12	12.83
October	12.87	12.55	13.81	11.58	13.97	10.67	13.14	10.32	11.22	11.36	12.63
November	11.88	10.97	11.81	10.22	12.03	9.93	12.96	7.83	10.11	9.77	11.20
December	10.48	9.90	10.05	8.31	11.21	8.94	10.89	7.63	9.02	8.88	9.77
1998	13.30	11.61	13.28	11.07	14.13	11.13	13.55	10.14	11.16	11.45	12.22
1999											
January	11.77	10.66	11.49	9.26	11.45	10.03	11.34	7.77	9.95	9.68	10.67
February	11.33	10.98	11.15	8.96	11.37	11.17	11.47	8.13	10.77	10.23	10.52
March	12.46	12.79	13.76	11.27	13.27	12.68	11.47	11.45	12.53	12.30	12.37

Dash (-) = No data reported.

W = Withheld to avoid disclosure of individual company data.

^a Includes Bahrain, Iran, Iraq, Kuwait, Neutral Zone, Qatar, Saudi Arabia, and United Arab Emirates.

^b 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.

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Table 26. F.O.B.^a 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							
January	16.99	18.37	22.62	21.89	24.21	22.07	22.08
February	13.75	16.25	20.15	19.27	21.61	21.61	W
March	13.39	14.96	17.91	17.53	19.58	21.01	19.69
April	13.11	14.50	16.31	16.90	18.08	W	20.51
May	13.17	15.29	17.01	17.33	19.10	18.71	W
June	13.10	14.24	15.91	16.44	18.03	18.86	18.12
July	13.50	14.77	16.82	17.06	18.45	-	18.71
August	13.26	15.04	16.77	17.55	18.82	19.00	18.93
September	13.39	14.84	17.31	17.68	18.79	19.09	19.07
October	13.13	15.52	17.28	18.14	19.94	20.67	W
November	11.72	14.16	16.45	17.01	19.05	18.14	W
December	9.63	11.99	15.18	15.29	17.14	17.17	W
1997	13.12	14.94	17.49	17.61	19.37	19.88	19.77
1998							
January	8.32	10.13	13.32	14.31	15.38	15.45	-
February	7.60	9.41	11.83	12.97	14.15	14.82	W
March	7.50	8.68	11.82	12.30	13.44	14.02	W
April	8.08	9.42	10.77	12.57	13.58	14.19	-
May	7.37	9.29	10.06	12.58	13.69	14.29	13.72
June	7.19	8.76	10.28	10.74	12.06	12.72	11.86
July	6.99	8.90	10.07	11.28	12.36	12.71	12.89
August	6.12	8.65	9.68	11.37	12.03	12.54	12.22
September	8.12	9.91	11.98	13.04	13.38	14.20	W
October	7.66	9.54	10.87	11.78	12.94	12.35	13.55
November	4.60	7.99	9.56	10.07	11.48	11.23	11.79
December	4.55	6.71	7.86	9.00	9.93	10.03	W
1998	7.01	8.97	10.77	11.71	12.90	13.05	12.92
1999							
January	4.70	7.40	9.07	10.04	11.20	11.24	W
February	5.67	7.55	9.18	10.10	10.60	11.61	W
March	8.86	10.35	12.10	12.41	12.72	W	W

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^a Free on Board. See Glossary.

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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							
January	18.57	19.34	23.73	22.13	24.80	23.89	23.89
February	14.79	17.00	21.18	19.69	22.81	22.74	24.44
March	14.56	16.06	18.91	18.55	20.83	22.05	21.22
April	14.58	15.28	17.72	17.89	19.25	21.09	21.01
May	14.64	16.08	17.91	18.07	19.96	20.17	20.63
June	14.37	15.00	17.20	17.32	19.16	20.27	19.03
July	14.65	15.42	17.64	17.60	19.05	19.96	19.40
August	14.49	15.72	17.81	18.50	19.58	20.23	20.13
September	14.64	15.55	18.10	18.56	19.80	20.01	20.09
October	14.35	16.51	18.64	18.89	20.67	21.59	21.42
November	13.32	14.96	17.93	17.62	19.89	20.11	21.34
December	10.74	13.03	16.48	16.32	18.28	18.42	19.17
1997	14.42	15.79	18.57	18.42	20.34	21.09	20.85
1998							
January	9.78	11.04	14.87	14.99	16.37	17.28	17.27
February	8.86	10.02	13.58	13.89	15.15	16.01	16.39
March	8.63	9.37	13.03	13.35	14.33	15.09	14.68
April	9.22	10.05	12.17	13.05	14.51	15.28	14.88
May	8.39	9.82	11.62	12.71	14.40	14.91	14.66
June	8.20	9.43	11.40	11.65	13.06	13.42	13.06
July	8.12	9.64	11.12	11.82	13.12	13.58	14.02
August	7.21	9.48	10.98	11.90	12.80	13.50	13.51
September	9.41	10.85	12.21	12.89	13.95	15.36	14.80
October	8.95	10.61	11.98	12.16	13.56	13.21	14.66
November	5.71	8.79	10.48	10.80	12.32	12.64	12.67
December	5.65	7.71	8.94	9.84	10.62	11.24	12.24
1998	8.19	9.75	11.82	12.29	13.72	14.37	14.38
1999							
January	5.69	8.38	9.71	10.72	11.62	12.08	12.20
February	6.61	8.58	9.87	11.11	11.43	12.23	11.90
March	9.74	11.10	12.46	12.90	13.00	13.52	14.73

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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							
January	4.81	21.56	12.96	34.96	21.61	2.76	1.34
February	4.66	22.18	15.45	29.96	24.56	2.33	0.86
March	5.24	21.60	12.11	36.02	21.09	2.14	1.80
April	6.80	20.41	14.34	32.48	22.99	1.79	1.20
May	6.62	21.61	13.24	33.72	21.18	2.58	1.05
June	5.61	21.19	14.03	34.45	21.17	2.02	1.54
July	7.08	22.27	14.68	32.31	21.71	0.86	1.09
August	6.24	23.33	11.33	36.18	20.93	0.81	1.19
September	6.20	23.75	11.30	35.13	20.15	1.58	1.89
October	6.93	19.41	14.15	36.46	20.45	1.20	1.40
November	6.35	21.54	13.00	36.42	20.16	1.69	0.85
December	5.69	23.46	14.04	34.22	20.02	1.64	0.92
1997	6.05	21.88	13.33	34.43	21.28	1.77	1.27
1998							
January	5.07	24.79	13.48	30.95	22.09	2.69	0.93
February	5.51	22.43	14.12	29.09	24.45	2.08	2.32
March	6.88	21.13	14.05	34.05	20.90	2.11	0.89
April	7.12	20.59	18.40	31.75	19.50	1.38	1.27
May	5.15	19.20	14.74	33.94	23.10	1.80	2.06
June	5.55	20.94	14.70	36.66	19.98	0.97	1.21
July	5.91	18.04	14.65	39.69	17.80	2.19	1.70
August	5.14	19.69	13.73	38.31	19.15	1.62	2.36
September	5.93	20.69	11.59	38.37	19.95	1.56	1.91
October	6.99	18.31	11.97	39.08	20.73	1.28	1.64
November	5.64	19.10	15.48	33.75	23.52	0.63	1.89
December	5.62	18.27	12.94	41.60	17.86	2.77	0.94
1998	5.87	20.19	14.15	35.73	20.70	1.77	1.59
1999							
January	5.23	17.99	11.73	41.11	18.86	3.48	1.60
February	4.82	18.63	13.00	34.65	24.56	2.41	1.93
March	6.34	20.26	15.87	29.22	24.49	1.83	2.00

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Table 29. F.O.B.^a 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					
January	13.79	W	10.13	W	14.84
February	12.98	W	9.19	W	13.38
March	12.04	W	9.02	W	12.90
1st Quarter Average	12.76	W	9.49	W	13.63
April	12.56	W	8.67	W	12.85
May	13.33	W	8.33	W	13.89
June	11.11	W	7.80	W	10.85
2nd Quarter Average	12.26	W	8.31	W	12.71
July	10.91	W	9.21	W	11.63
August	10.87	W	8.85	W	11.56
September	W	W	10.65	—	13.51
3rd Quarter Average	11.29	W	9.57	W	12.28
October	11.35	W	10.70	W	11.74
November	10.13	W	9.31	—	10.26
December	9.12	W	7.62	—	9.65
4th Quarter Average	10.06	W	9.32	W	10.56
1998 Average	11.59	W	9.18	11.56	12.44
1999					
January	10.49	W	W	—	10.57
February	9.67	W	9.28	W	9.98
March	W	W	11.41	W	12.95
1st Quarter Average	10.30	W	10.01	W	10.74

See footnotes at end of table.

Table 29. F.O.B.^a Costs of Imported Crude Oil for Selected Crude Streams
(Dollars per Barrel) — Continued

Year Quarter Month	Mexican Mayan	Mexican Olmecca	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					
January	9.69	15.51	W	W	10.90
February	9.06	14.65	W	W	9.69
March	7.79	13.41	W	W	9.83
1st Quarter Average	8.81	14.59	W	W	10.23
April	9.29	13.78	13.62	12.01	10.27
May	9.31	14.12	14.22	11.36	W
June	8.66	12.36	11.41	10.67	W
2nd Quarter Average	9.08	13.46	13.11	11.35	10.02
July	9.16	12.70	W	10.80	8.51
August	8.46	12.24	W	W	8.40
September	9.57	13.82	W	W	W
3rd Quarter Average	9.07	12.93	W	11.05	9.02
October	9.60	13.11	W	W	W
November	8.21	11.66	W	W	W
December	6.37	10.14	—	W	W
4th Quarter Average	7.91	11.59	W	W	W
1998 Average	8.76	13.14	13.39	11.54	8.96
1999					
January	7.37	11.11	W	W	W
February	7.15	10.44	—	—	W
March	9.98	12.52	—	W	W
1st Quarter Average	8.30	11.42	W	W	W

Dash (—) = No data reported.

W = Withheld to avoid disclosure of individual company data.

^a Free on Board. See Glossary.

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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	15.77	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							
January	15.18	11.86	11.36	14.31	16.34	10.37	16.01
February	14.25	10.79	10.17	13.97	14.77	9.66	14.99
March	13.29	10.51	10.15	11.94	14.44	8.21	13.77
1st Quarter							
Average	14.04	11.14	10.59	13.35	15.12	9.39	14.98
April	13.81	10.25	9.65	12.14	14.28	9.74	14.21
May	14.17	10.34	9.40	10.54	15.11	9.66	14.40
June	12.46	9.54	9.02	10.74	12.27	9.00	12.79
2nd Quarter							
Average	13.39	9.98	9.39	11.03	13.99	9.45	13.80
July	12.18	10.00	10.00	10.63	12.67	9.53	13.03
August	12.09	10.39	9.74	10.93	12.70	8.89	12.61
September	12.77	11.11	11.29	11.71	14.43	9.93	14.01
3rd Quarter							
Average	12.36	10.49	10.33	10.99	13.24	9.47	13.25
October	12.78	11.15	11.57	12.99	12.75	10.02	13.58
November	11.54	10.36	10.24	10.38	11.31	8.53	12.18
December	10.08	9.01	8.55	W	10.67	6.73	10.44
4th Quarter							
Average	11.51	10.05	10.23	11.51	11.52	8.30	12.00
1998 Average	12.69	10.41	10.15	11.55	13.65	9.21	13.58
1999							
January	11.55	9.15	9.58	9.24	11.72	7.71	11.39
February	10.80	10.07	10.08	9.86	11.19	7.48	10.73
March	W	11.89	11.55	11.93	14.05	10.31	12.88
1st Quarter							
Average	11.36	10.54	10.57	10.66	11.89	8.59	11.67

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							
January	W	16.76	14.64	12.69	W	14.62	11.82
February	16.84	15.35	14.04	12.56	W	W	10.53
March	14.37	14.82	12.84	12.02	15.27	W	10.81
1st Quarter							
Average	15.62	15.53	13.77	12.43	15.71	13.83	11.15
April	15.13	14.55	13.33	11.05	15.20	12.80	11.16
May	15.07	15.18	12.58	10.57	14.18	11.97	W
June	13.42	13.16	11.33	10.68	W	11.29	W
2nd Quarter							
Average	14.77	14.31	12.47	10.74	14.37	12.02	10.80
July	W	12.49	12.09	10.85	W	11.54	9.29
August	13.47	12.95	11.46	11.15	13.17	W	9.16
September	14.57	14.48	12.84	11.32	13.52	W	W
3rd Quarter							
Average	13.75	13.13	12.15	11.10	13.33	11.75	9.80
October	W	14.20	12.63	9.72	13.42	W	W
November	11.90	11.68	11.59	9.43	13.37	W	W
December	11.03	W	9.68	8.83	W	W	W
4th Quarter							
Average	11.82	12.98	11.00	9.28	13.13	W	W
1998 Average	13.62	14.35	12.37	10.80	13.94	12.24	9.79
1999							
January	11.06	11.69	11.03	9.89	11.34	10.41	W
February	W	W	11.60	11.72	11.47	W	W
March	13.47	13.39	13.45	12.65	11.90	12.40	10.83
1st Quarter							
Average	11.87	12.16	11.83	10.98	11.52	11.14	7.91

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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 ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
United States												
March 1999	59.2	59.0	55.6	48.0	42.8	49.6	68.1	67.7	62.2	51.7	W	56.9
February 1999	51.6	51.3	47.2	37.5	35.0	40.1	61.3	61.0	54.4	41.7	W	47.9
March 1998	62.0	61.8	55.5	48.9	46.3	50.5	70.6	70.3	61.5	52.9	W	57.2
PAD District I												
March 1999	53.9	53.7	49.7	44.7	41.0	46.1	63.5	63.4	55.9	49.0	-	52.4
February 1999	49.1	48.7	44.3	36.2	33.7	38.7	59.2	58.9	51.4	40.3	-	45.8
March 1998	59.7	59.5	54.8	48.2	46.3	50.4	69.3	68.9	61.1	52.2	-	56.5
Subdistrict IA												
March 1999	57.9	57.6	52.5	45.6	NA	48.5	68.0	67.3	59.0	49.2	-	55.0
February 1999	54.5	53.9	47.6	38.8	35.5	41.7	65.2	64.5	55.7	42.8	-	50.1
March 1998	64.8	64.3	58.0	52.5	47.7	54.4	75.2	74.5	65.5	56.2	-	61.5
Connecticut												
March 1999	59.1	58.8	53.1	45.4	NA	49.1	70.3	68.0	59.0	49.1	-	55.0
February 1999	54.6	54.2	49.1	38.8	33.3	42.3	67.3	65.0	55.9	43.5	-	50.3
March 1998	64.0	63.7	57.5	52.9	47.5	54.0	74.3	72.7	65.2	57.3	-	62.0
Maine												
March 1999	59.8	59.6	53.0	46.8	W	48.0	70.5	70.0	58.8	50.7	-	53.7
February 1999	55.5	55.2	46.4	40.1	35.9	40.5	66.5	65.8	53.2	43.0	-	46.5
March 1998	67.7	67.5	58.3	53.1	W	53.5	78.2	77.7	64.3	56.5	-	58.9
Massachusetts												
March 1999	56.3	55.9	51.8	45.1	NA	48.2	66.3	66.3	59.5	48.5	-	55.3
February 1999	54.2	53.0	47.1	38.5	35.8	41.5	64.4	64.3	56.3	42.6	-	51.0
March 1998	64.9	63.9	58.3	52.6	W	55.0	75.8	75.1	66.2	55.9	-	62.1
New Hampshire												
March 1999	58.8	58.7	53.4	45.4	-	50.0	68.3	68.4	58.5	48.3	-	55.4
February 1999	55.3	55.2	47.9	39.1	-	44.0	65.4	65.3	54.9	41.2	-	50.5
March 1998	64.3	64.2	59.1	54.3	-	57.3	74.9	74.8	65.3	58.0	-	63.5
Rhode Island												
March 1999	53.3	53.2	48.6	45.2	W	46.4	63.3	63.2	NA	48.9	-	52.2
February 1999	49.3	49.2	45.4	37.6	NA	39.9	59.0	58.8	NA	41.6	-	NA
March 1998	60.3	60.2	55.4	50.7	-	52.1	69.7	69.7	61.8	54.1	-	57.7
Vermont												
March 1999	60.5	60.6	55.2	46.6	-	52.3	67.8	66.8	62.0	51.2	-	58.9
February 1999	56.1	56.1	48.7	38.5	-	45.4	64.2	63.7	57.9	43.0	-	53.7
March 1998	63.9	64.0	59.2	48.0	-	56.1	73.6	73.2	67.6	52.1	-	63.6
Subdistrict IB												
March 1999	53.2	53.2	49.8	44.5	40.4	45.6	62.0	61.8	56.3	48.8	-	53.5
February 1999	49.3	49.2	45.5	37.0	33.0	39.2	58.7	58.4	52.6	41.7	-	48.5
March 1998	59.7	59.7	55.5	49.1	46.1	51.0	68.6	68.4	62.3	53.6	-	58.9
Delaware												
March 1999	53.2	52.9	48.3	44.7	-	46.3	63.7	63.3	55.1	48.7	-	52.0
February 1999	49.4	49.0	45.0	38.6	-	41.4	60.5	60.1	52.2	42.4	-	47.8
March 1998	61.1	60.9	53.6	49.0	-	51.0	73.0	72.4	59.7	52.8	-	56.5
District of Columbia												
March 1999	W	55.1	NA	-	-	NA	W	62.8	NA	-	-	NA
February 1999	W	47.4	NA	-	-	NA	W	57.6	NA	-	-	NA
March 1998	W	60.6	61.2	-	-	61.2	W	69.2	NA	-	-	NA
Maryland												
March 1999	55.2	54.3	49.9	45.1	W	46.9	64.7	63.4	56.0	49.6	-	54.2
February 1999	50.5	49.4	46.5	37.0	NA	42.7	60.9	59.1	NA	41.6	-	49.8
March 1998	64.4	63.2	58.2	49.7	W	54.7	73.3	71.6	63.7	54.1	-	60.7
New Jersey												
March 1999	57.0	57.2	52.0	45.1	40.6	44.7	67.8	67.9	58.0	50.1	-	55.2
February 1999	55.6	55.4	49.4	38.6	33.2	38.8	66.8	66.4	55.7	44.0	-	51.4
March 1998	62.4	62.8	57.7	50.7	46.6	51.2	72.4	72.7	64.1	55.8	-	61.1
New York												
March 1999	55.3	54.9	51.5	44.8	NA	47.4	65.6	64.4	59.2	49.6	-	56.2
February 1999	51.3	50.8	46.1	37.3	NA	40.7	62.2	60.7	55.2	42.4	-	51.2
March 1998	62.2	61.8	57.6	49.2	46.8	52.3	72.2	71.1	66.1	53.0	-	61.8
Pennsylvania												
March 1999	50.3	50.6	45.9	43.7	41.2	44.3	58.7	58.8	52.2	47.6	-	49.9
February 1999	46.0	46.2	40.4	35.8	31.5	36.8	55.2	55.4	46.4	40.2	-	43.4
March 1998	56.7	56.8	50.4	48.2	43.8	48.5	65.5	65.6	56.1	52.7	-	54.4

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 ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
United States												
March 1999	76.0	75.0	67.5	56.6	46.6	60.2	63.2	62.8	58.9	49.8	43.2	52.1
February 1999	69.2	68.3	60.6	46.6	38.4	51.5	55.9	55.5	51.1	39.4	35.4	42.9
March 1998	78.8	78.1	68.1	57.8	48.9	61.5	65.7	65.4	58.9	50.7	46.6	53.0
PAD District I												
March 1999	72.2	71.0	62.3	53.9	44.5	57.3	59.0	58.7	53.7	47.1	41.4	49.2
February 1999	67.6	66.5	57.9	45.3	37.2	50.6	54.4	53.9	48.8	38.5	34.2	42.1
March 1998	77.8	77.0	67.7	57.3	48.6	61.3	64.6	64.3	58.9	50.4	46.8	53.4
Subdistrict IA												
March 1999	76.6	75.0	64.7	53.3	NA	58.6	62.1	61.6	55.5	47.3	NA	50.9
February 1999	73.7	72.1	60.5	47.1	38.1	52.2	59.0	58.3	51.0	40.7	35.8	44.3
March 1998	83.6	81.9	70.1	61.0	W	65.5	68.9	68.3	61.2	54.3	47.8	56.9
Connecticut												
March 1999	79.3	78.4	65.2	54.2	—	59.8	64.2	63.6	55.9	47.5	NA	51.6
February 1999	75.6	74.7	62.6	47.9	W	53.8	60.1	59.5	52.8	41.0	33.8	45.3
March 1998	83.9	83.0	71.2	62.6	W	66.2	68.7	68.2	60.9	55.0	47.7	56.8
Maine												
March 1999	80.0	79.3	64.3	55.3	—	58.0	63.4	63.1	55.1	48.3	W	49.7
February 1999	76.1	75.5	57.6	48.2	W	50.5	59.4	59.1	48.8	41.5	35.9	42.2
March 1998	87.4	86.5	68.9	61.8	—	63.7	71.1	70.8	60.2	54.5	W	55.0
Massachusetts												
March 1999	74.4	71.7	64.3	51.7	W	57.7	60.6	60.0	55.2	46.7	NA	50.6
February 1999	72.7	69.9	60.1	46.3	W	51.1	58.7	57.4	50.7	40.4	36.3	44.1
March 1998	83.3	80.3	69.4	60.5	—	65.6	69.3	68.1	61.6	54.4	W	57.7
New Hampshire												
March 1999	77.2	77.1	65.6	52.5	—	60.8	62.5	62.4	56.0	46.6	—	52.3
February 1999	73.4	73.4	60.0	46.6	—	54.6	59.0	59.0	50.7	40.4	—	46.3
March 1998	83.7	83.7	71.8	60.8	—	68.1	67.9	67.8	61.9	55.5	—	59.6
Rhode Island												
March 1999	71.9	71.6	61.8	54.2	W	56.4	57.5	57.5	NA	47.2	W	48.8
February 1999	67.7	67.3	58.6	46.9	—	51.3	53.5	53.4	NA	39.6	NA	42.7
March 1998	78.1	77.5	68.3	59.2	—	62.3	64.2	64.1	58.9	52.5	—	54.6
Vermont												
March 1999	75.7	75.5	67.2	54.8	—	64.1	63.6	63.4	58.3	48.2	—	55.1
February 1999	72.1	72.0	60.5	47.1	—	57.6	59.6	59.4	52.0	40.1	—	48.4
March 1998	81.8	81.5	72.0	57.4	—	69.0	67.4	67.3	62.5	49.7	—	59.1
Subdistrict IB												
March 1999	71.1	70.3	63.3	53.1	44.1	57.6	57.8	57.6	54.4	46.5	40.9	48.9
February 1999	67.6	66.8	60.0	45.5	37.1	52.2	54.2	53.9	50.6	39.0	33.7	43.0
March 1998	77.8	77.2	69.7	57.9	48.6	62.4	64.3	64.1	60.3	51.2	46.7	54.4
Delaware												
March 1999	72.4	71.5	62.4	53.9	—	57.8	57.8	57.4	51.7	46.7	—	48.9
February 1999	69.0	67.8	59.4	46.9	—	52.8	54.3	53.7	48.6	40.4	—	44.1
March 1998	80.8	79.7	66.9	58.2	—	62.2	65.9	65.4	56.7	51.0	—	53.6
District of Columbia												
March 1999	W	68.7	NA	—	—	NA	W	60.3	NA	—	—	NA
February 1999	W	61.4	NA	—	—	NA	W	53.0	NA	—	—	NA
March 1998	W	74.1	NA	—	—	NA	W	65.3	66.1	—	—	66.1
Maryland												
March 1999	71.1	69.1	60.5	54.8	NA	58.6	59.7	58.6	53.6	47.7	W	50.6
February 1999	66.5	64.3	57.7	46.4	W	53.5	55.4	53.9	50.6	39.6	W	46.5
March 1998	79.7	77.4	67.7	58.9	—	65.0	68.5	67.2	61.6	52.1	W	58.0
New Jersey												
March 1999	76.1	76.0	65.3	53.0	44.9	57.3	63.4	63.3	56.8	47.4	41.1	48.0
February 1999	74.6	74.2	63.1	45.7	37.5	52.5	62.1	61.7	54.5	40.8	33.7	42.6
March 1998	81.4	81.4	71.5	58.9	48.4	62.7	68.4	68.7	62.6	53.1	46.9	54.5
New York												
March 1999	72.9	71.4	66.2	53.5	45.8	60.9	59.9	59.2	56.9	46.7	41.8	51.5
February 1999	68.9	67.8	62.1	45.8	NA	55.5	56.2	55.4	52.5	39.2	NA	45.4
March 1998	79.2	78.2	73.2	57.9	49.3	63.8	66.6	65.9	63.9	51.0	48.4	56.5
Pennsylvania												
March 1999	67.0	66.7	57.2	52.3	41.1	52.9	54.4	54.6	49.0	45.6	41.1	46.5
February 1999	63.1	62.8	52.5	44.6	36.6	46.4	50.4	50.5	43.7	37.7	33.0	39.3
March 1998	74.3	74.0	62.1	56.9	46.7	58.0	60.8	60.9	53.3	50.0	44.3	50.8

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 ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
Subdistrict IC												
March 1999	53.5	53.1	48.5	44.7	NA	45.9	63.6	63.6	54.8	49.1	—	51.3
February 1999	47.9	47.4	42.0	35.1	NA	37.4	58.5	58.3	49.3	39.5	—	43.5
March 1998	58.8	58.5	52.6	46.8	46.0	48.6	68.7	68.4	58.9	51.1	—	54.2
Florida												
March 1999	55.6	55.0	46.7	44.8	NA	45.4	66.2	66.5	NA	49.1	—	51.2
February 1999	50.6	50.0	42.0	35.2	NA	37.1	62.1	61.7	NA	39.4	—	44.0
March 1998	60.4	59.9	51.4	46.6	W	48.0	70.9	70.2	58.0	50.7	—	53.7
Georgia												
March 1999	51.0	51.2	47.1	44.4	NA	45.2	60.8	60.5	51.9	49.1	—	50.3
February 1999	44.9	44.9	39.9	34.7	NA	36.3	55.3	55.5	45.3	39.6	—	42.2
March 1998	55.5	55.8	52.4	46.3	—	48.2	65.0	65.5	56.7	51.0	—	53.6
North Carolina												
March 1999	51.8	51.2	47.3	44.6	35.8	45.4	62.0	61.8	55.8	49.1	—	51.0
February 1999	45.9	45.1	39.6	35.0	W	36.6	56.2	56.0	49.5	39.4	—	42.4
March 1998	57.3	57.0	52.7	46.8	W	48.3	67.5	66.9	60.5	51.2	—	54.0
South Carolina												
March 1999	50.9	50.7	46.1	44.7	W	45.1	61.5	61.3	52.1	49.2	—	50.2
February 1999	44.2	44.0	37.9	34.9	W	35.7	54.8	54.6	43.9	39.6	—	41.0
March 1998	56.6	56.6	49.1	46.7	—	47.3	66.7	66.5	53.9	51.4	—	52.2
Virginia												
March 1999	55.2	54.9	NA	44.8	NA	47.8	65.0	64.7	57.5	48.6	—	52.7
February 1999	50.4	50.1	46.7	35.5	W	40.3	60.4	60.2	53.3	39.6	—	46.1
March 1998	61.6	61.3	54.1	47.9	44.5	50.2	71.5	70.9	62.1	51.6	—	56.4
West Virginia												
March 1999	55.6	55.4	53.2	46.7	—	50.6	63.6	63.5	57.8	52.4	—	55.8
February 1999	48.7	48.6	45.4	36.8	—	42.0	57.4	57.2	49.9	42.7	—	47.4
March 1998	62.8	62.5	56.1	48.7	—	53.4	71.8	71.5	63.3	52.6	—	58.8
PAD District II												
March 1999	59.4	59.2	53.8	47.7	41.2	48.9	67.4	67.1	60.1	51.8	—	55.5
February 1999	49.8	49.7	43.1	36.7	33.9	38.2	57.8	57.6	49.5	41.1	—	44.7
March 1998	62.7	62.7	55.4	49.3	47.4	50.8	70.3	70.2	61.7	53.6	—	57.2
Illinois												
March 1999	62.5	62.5	NA	47.6	37.4	50.3	68.6	68.3	63.1	51.9	—	60.1
February 1999	53.0	52.9	NA	36.3	33.8	39.1	59.2	59.1	NA	40.4	—	NA
March 1998	63.6	63.7	59.3	49.2	46.2	51.7	70.4	70.4	64.1	52.6	—	59.9
Indiana												
March 1999	59.0	58.9	53.8	46.5	34.8	47.3	67.9	67.7	59.1	50.6	—	54.0
February 1999	49.1	49.2	43.7	34.7	33.6	36.9	57.9	57.8	48.9	39.2	—	43.2
March 1998	61.7	61.7	53.8	48.0	48.4	50.1	69.5	69.4	59.2	52.0	—	55.5
Iowa												
March 1999	58.0	58.4	52.7	48.8	—	49.2	63.0	63.1	56.8	53.5	—	54.6
February 1999	50.8	51.1	43.3	38.6	—	39.0	56.9	57.0	47.2	43.7	—	44.8
March 1998	63.1	63.4	55.6	51.5	—	52.0	69.0	69.2	60.1	NA	—	57.7
Kansas												
March 1999	55.8	56.0	51.2	47.3	W	47.5	62.8	62.7	NA	50.6	—	52.4
February 1999	48.9	49.1	41.4	37.6	33.8	37.9	55.5	55.4	NA	41.9	—	42.9
March 1998	62.1	61.9	56.5	49.9	47.8	50.5	67.9	67.9	57.6	54.4	—	55.9
Kentucky												
March 1999	59.8	59.1	53.2	48.3	—	49.8	69.4	68.6	59.6	52.3	—	54.8
February 1999	48.7	48.0	41.9	36.0	—	37.6	58.4	58.0	48.1	39.6	—	42.5
March 1998	61.8	61.5	55.2	48.2	—	50.5	70.8	70.4	61.9	52.2	—	56.4
Michigan												
March 1999	57.4	57.1	50.2	46.7	—	48.1	66.6	66.5	56.0	49.8	—	54.2
February 1999	47.1	47.1	39.3	35.0	—	36.7	56.5	56.4	46.0	38.3	—	43.7
March 1998	61.5	61.4	52.2	48.1	—	49.8	69.9	69.8	57.7	50.5	—	55.9
Minnesota												
March 1999	66.6	66.4	61.1	52.8	W	54.7	70.4	70.3	NA	55.7	—	57.5
February 1999	58.5	58.7	50.4	43.5	W	44.9	62.6	62.6	NA	46.1	—	47.9
March 1998	72.2	72.0	64.2	54.8	W	56.7	77.0	77.0	67.8	56.7	—	59.9
Missouri												
March 1999	54.4	54.6	52.6	46.5	—	48.1	62.9	62.8	NA	50.6	—	54.1
February 1999	46.5	46.7	43.7	36.2	—	38.4	55.8	55.6	NA	40.6	—	44.1
March 1998	58.0	58.5	55.4	48.9	—	51.2	66.2	66.3	59.8	52.9	—	56.9

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 ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
Subdistrict IC												
March 1999	72.1	70.8	60.7	54.3	W	56.9	59.1	58.7	52.4	47.3	NA	49.1
February 1999	66.8	65.7	55.1	44.8	W	48.9	53.7	53.2	46.3	37.8	NA	40.8
March 1998	77.1	76.3	64.4	56.4	W	59.4	63.9	63.7	56.4	49.3	46.3	51.7
Florida												
March 1999	73.3	72.1	NA	54.6	—	57.0	61.2	60.8	NA	47.5	NA	49.0
February 1999	69.0	67.9	NA	45.1	—	50.1	56.5	55.9	NA	37.9	NA	41.3
March 1998	78.4	77.3	64.4	56.2	—	59.9	65.7	65.2	56.6	49.1	W	51.7
Georgia												
March 1999	69.4	68.4	58.7	53.9	—	55.7	56.3	56.6	50.6	46.9	NA	48.2
February 1999	64.1	63.6	52.2	44.3	—	47.2	50.6	50.7	43.7	37.2	NA	39.4
March 1998	73.4	73.4	63.5	55.6	—	58.4	60.4	60.9	55.6	48.6	—	50.9
North Carolina												
March 1999	71.7	69.8	57.1	54.3	NA	55.3	57.9	57.0	50.3	47.4	35.8	48.2
February 1999	66.0	64.1	49.8	44.8	NA	46.5	52.2	51.2	42.9	37.8	W	39.5
March 1998	76.9	76.2	65.0	56.6	—	58.7	63.1	62.6	56.4	49.4	W	51.2
South Carolina												
March 1999	70.4	69.4	55.9	54.6	—	55.0	56.5	56.1	48.9	47.3	W	47.8
February 1999	63.5	62.6	47.8	44.8	—	45.6	49.8	49.4	40.7	37.6	W	38.4
March 1998	75.2	74.8	59.8	56.6	—	57.4	61.6	61.5	51.8	49.2	—	49.8
Virginia												
March 1999	73.6	72.9	66.7	54.1	W	60.3	60.6	60.3	56.5	47.3	NA	51.2
February 1999	68.1	67.5	60.8	45.1	W	52.8	55.9	55.5	51.2	38.1	NA	43.9
March 1998	79.4	78.1	65.1	57.0	W	60.6	66.7	66.2	57.9	50.1	45.3	53.3
West Virginia												
March 1999	73.1	72.5	64.1	56.8	—	61.3	59.6	59.4	55.6	48.9	—	53.0
February 1999	65.8	65.4	57.4	47.6	—	53.9	52.7	52.6	48.1	39.2	—	44.7
March 1998	79.9	79.3	69.0	57.8	—	64.6	66.6	66.3	58.9	50.7	—	55.8
PAD District II												
March 1999	75.1	74.2	65.5	56.6	NA	59.1	62.3	62.0	56.6	49.2	41.4	50.9
February 1999	65.5	64.8	55.1	45.8	38.6	48.5	52.9	52.7	46.0	38.4	34.3	40.3
March 1998	77.4	76.9	66.9	57.5	48.3	60.6	65.4	65.3	57.9	50.7	47.4	52.6
Illinois												
March 1999	80.9	79.9	NA	57.8	W	63.7	65.8	65.6	NA	49.2	37.4	53.7
February 1999	70.7	70.0	NA	46.7	37.7	52.3	56.4	56.3	NA	38.0	34.2	42.2
March 1998	79.3	78.8	69.8	59.0	W	63.9	66.6	66.6	62.3	50.7	46.1	54.3
Indiana												
March 1999	75.1	74.7	65.4	57.3	43.3	59.0	62.6	62.4	56.5	48.4	35.9	49.7
February 1999	65.3	65.1	55.5	45.8	38.4	48.6	53.1	53.1	46.7	36.8	34.3	39.5
March 1998	75.9	75.7	65.2	57.5	W	60.6	64.9	64.8	56.3	49.7	48.4	52.1
Iowa												
March 1999	67.1	67.3	61.1	57.3	—	57.9	59.1	59.5	54.6	49.8	—	50.4
February 1999	60.5	60.6	51.2	47.3	—	47.9	52.1	52.4	45.2	39.6	—	40.3
March 1998	71.9	71.9	63.9	59.1	—	59.9	64.3	64.6	57.6	52.9	—	53.5
Kansas												
March 1999	68.5	68.3	58.6	54.2	W	54.7	57.3	57.4	52.4	48.1	W	48.3
February 1999	61.1	60.9	50.1	44.7	W	45.3	50.5	50.5	42.8	38.4	34.4	38.8
March 1998	73.9	73.5	62.9	57.0	W	58.1	63.5	63.2	57.2	50.6	47.8	51.2
Kentucky												
March 1999	78.0	76.0	64.0	57.5	—	59.5	64.2	63.4	56.0	50.4	—	52.1
February 1999	67.5	65.8	52.9	45.7	—	47.9	53.5	52.7	44.9	38.2	—	40.2
March 1998	79.7	78.7	66.6	57.4	—	60.5	66.0	65.4	58.0	50.2	—	52.9
Michigan												
March 1999	72.7	71.5	62.4	56.8	NA	59.1	59.9	59.6	52.7	48.3	NA	50.1
February 1999	62.7	61.9	51.6	45.5	—	48.0	49.9	49.8	42.0	36.8	—	39.0
March 1998	76.1	75.5	64.3	56.9	—	60.2	63.8	63.6	54.5	49.4	—	51.6
Minnesota												
March 1999	78.2	77.8	NA	60.5	W	63.5	68.0	67.7	NA	54.1	W	56.1
February 1999	70.2	70.4	NA	50.8	W	53.2	60.0	60.2	51.9	44.7	W	46.3
March 1998	84.9	84.7	72.1	60.9	W	63.3	73.6	73.4	65.4	55.6	W	57.7
Missouri												
March 1999	72.0	71.9	62.8	54.8	—	57.7	57.0	57.1	54.9	47.7	—	49.7
February 1999	63.7	63.6	54.0	44.6	—	48.2	49.4	49.4	45.8	37.5	—	40.2
March 1998	74.8	74.8	67.2	56.9	—	61.2	60.4	60.8	57.3	49.9	—	52.7

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	Regular						Midgrade					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
Nebraska												
March 1999	57.6	58.2	51.7	49.0	—	49.4	63.0	62.5	55.1	53.8	—	54.3
February 1999	49.9	50.6	41.0	38.9	—	39.2	55.8	55.4	48.3	44.3	—	45.9
March 1998	64.1	64.5	55.6	51.1	—	51.8	69.3	68.7	61.3	NA	—	58.3
North Dakota												
March 1999	66.1	65.7	53.8	49.2	—	50.0	72.1	71.7	NA	55.7	—	57.1
February 1999	60.5	60.2	45.0	40.1	—	41.0	65.8	66.2	NA	47.0	—	NA
March 1998	71.3	71.1	55.1	51.1	—	51.8	77.9	76.7	63.0	59.3	—	60.4
Ohio												
March 1999	63.3	62.8	55.4	48.0	W	51.0	72.5	71.9	62.4	50.6	—	57.0
February 1999	49.0	48.8	42.2	35.4	W	38.0	58.3	58.0	49.7	38.7	—	44.5
March 1998	63.8	63.5	54.9	47.9	46.5	50.8	72.2	71.9	62.0	50.7	—	57.1
Oklahoma												
March 1999	54.5	54.3	48.7	47.0	42.9	45.8	60.9	60.9	54.2	48.3	—	52.5
February 1999	47.4	47.4	39.7	37.1	33.8	36.2	53.4	53.4	47.1	39.0	—	45.0
March 1998	59.2	59.2	53.0	49.3	47.8	49.1	65.3	65.4	58.9	50.6	—	56.4
South Dakota												
March 1999	62.9	63.3	55.0	50.2	—	51.4	66.7	66.9	55.7	NA	—	NA
February 1999	57.7	57.9	45.0	40.0	—	41.3	61.4	61.5	46.4	NA	—	NA
March 1998	70.3	70.6	57.8	51.8	—	53.2	71.5	71.5	60.8	56.4	—	57.2
Tennessee												
March 1999	52.8	52.1	50.4	45.6	W	46.0	62.3	61.8	57.6	49.3	—	50.8
February 1999	45.8	44.9	41.6	35.4	W	36.2	55.5	54.9	48.4	39.9	—	41.4
March 1998	59.4	59.0	55.7	47.1	—	48.5	69.0	68.8	63.9	51.5	—	54.6
Wisconsin												
March 1999	60.7	60.5	54.1	48.5	—	49.5	68.3	68.5	59.6	53.1	—	55.3
February 1999	51.8	51.5	43.0	37.0	—	38.1	59.6	59.5	49.8	42.0	—	44.6
March 1998	63.3	63.2	54.6	49.6	W	50.6	70.9	70.9	61.8	54.7	—	56.9
PAD District III												
March 1999	54.3	54.3	48.9	45.0	38.6	43.3	63.7	63.5	57.9	49.0	—	51.7
February 1999	48.4	48.3	43.3	35.6	32.0	35.7	59.2	58.7	50.4	39.6	—	42.6
March 1998	60.7	60.5	54.6	47.7	44.8	47.5	70.7	70.3	60.4	51.4	—	54.1
Alabama												
March 1999	56.9	56.4	54.3	44.9	W	47.9	65.6	64.8	61.1	49.4	—	54.4
February 1999	51.4	51.0	43.7	35.2	—	37.8	60.1	59.2	49.2	39.9	—	43.3
March 1998	64.1	63.7	54.5	46.6	—	49.0	72.4	71.6	59.7	51.2	—	54.5
Arkansas												
March 1999	52.7	53.2	51.9	45.8	37.0	46.1	62.9	62.4	54.8	49.3	—	50.6
February 1999	46.2	46.5	43.5	35.9	W	36.9	56.4	55.7	46.6	39.4	—	41.0
March 1998	59.5	59.4	55.9	47.7	W	48.7	69.3	68.5	59.0	50.9	—	52.9
Louisiana												
March 1999	53.4	52.9	NA	43.6	38.6	43.4	64.3	63.7	NA	48.3	—	51.9
February 1999	49.5	48.7	NA	34.5	30.9	34.9	59.7	59.0	NA	39.1	—	43.1
March 1998	61.5	60.7	58.5	45.8	44.7	47.2	72.4	70.9	64.3	50.1	—	54.9
Mississippi												
March 1999	57.3	57.1	57.1	44.2	NA	45.1	64.9	64.7	64.0	48.7	—	53.7
February 1999	52.3	52.0	47.9	34.6	33.6	37.9	60.0	59.7	58.1	38.9	—	45.2
March 1998	64.1	63.2	57.3	46.2	43.8	48.2	73.2	72.8	63.4	50.5	—	55.1
New Mexico												
March 1999	61.5	61.3	52.9	51.4	—	51.7	70.9	70.4	57.1	56.2	—	56.4
February 1999	56.3	56.2	45.9	42.6	—	43.1	65.7	65.3	50.3	46.9	—	47.7
March 1998	69.6	69.3	55.8	52.5	—	53.1	79.1	78.8	61.8	56.9	—	57.6
Texas												
March 1999	53.2	53.3	43.2	44.8	38.8	41.8	62.5	62.5	53.9	48.7	—	50.0
February 1999	46.7	46.9	41.3	35.4	32.1	34.7	58.4	58.1	49.1	39.4	—	41.8
March 1998	59.0	59.0	52.8	48.2	44.9	47.0	69.1	68.9	58.7	51.7	—	53.6
PAD District IV												
March 1999	60.9	60.6	56.4	50.6	W	52.0	71.2	70.8	61.4	55.8	—	58.1
February 1999	55.3	54.8	48.1	42.0	W	43.4	65.4	65.0	53.2	47.2	—	49.6
March 1998	65.7	65.5	54.4	50.9	W	51.7	74.1	73.5	59.4	54.9	—	56.8
Colorado												
March 1999	60.2	59.9	NA	48.4	W	49.4	72.2	71.7	NA	52.0	—	53.9
February 1999	55.2	54.7	NA	40.0	W	41.4	67.1	66.6	51.1	44.0	—	46.7
March 1998	65.2	64.9	52.8	50.5	W	50.9	75.5	75.1	57.0	54.1	—	55.1

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	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
Nebraska												
March 1999	69.8	69.7	NA	56.0	—	57.3	59.2	59.6	53.3	49.7	—	50.3
February 1999	61.6	61.4	NA	46.4	—	47.6	51.6	52.0	43.3	39.7	—	40.3
March 1998	76.6	76.2	66.7	59.1	—	60.6	65.6	65.7	57.6	52.4	—	53.2
North Dakota												
March 1999	70.2	69.8	64.1	58.7	—	60.1	66.9	66.6	55.2	50.0	—	50.9
February 1999	62.6	62.3	54.4	49.1	—	50.5	61.3	61.1	46.2	41.1	—	42.1
March 1998	77.8	77.1	66.5	59.9	—	61.9	72.4	72.1	56.8	51.9	—	52.9
Ohio												
March 1999	79.8	78.7	68.0	57.5	W	62.4	66.7	66.1	58.4	49.5	34.5	53.2
February 1999	66.0	65.4	55.3	45.2	—	50.0	52.8	52.5	45.4	37.1	W	40.5
March 1998	79.8	79.1	67.7	57.1	W	62.5	67.1	66.8	57.8	49.3	46.7	53.1
Oklahoma												
March 1999	67.5	67.0	57.1	54.2	NA	52.5	57.1	56.9	49.9	48.2	43.0	46.8
February 1999	61.1	60.5	48.5	44.6	NA	44.2	50.3	50.1	41.4	38.4	34.1	37.3
March 1998	71.3	70.7	60.0	56.1	49.6	55.7	61.6	61.4	54.1	50.4	47.8	49.8
South Dakota												
March 1999	77.8	77.6	62.2	59.1	—	60.1	64.3	64.6	55.7	51.1	—	52.2
February 1999	71.7	71.3	52.7	48.7	—	50.1	59.2	59.3	45.9	41.1	—	42.3
March 1998	81.0	81.0	63.5	59.8	—	61.1	71.0	71.2	58.6	52.7	—	54.2
Tennessee												
March 1999	71.2	69.5	62.8	55.2	—	56.2	58.0	57.1	54.1	48.1	W	48.8
February 1999	64.3	62.6	54.3	45.0	—	46.3	51.3	50.3	45.5	38.2	W	39.2
March 1998	77.5	77.0	69.4	56.5	—	58.5	64.5	64.1	59.8	49.6	—	51.4
Wisconsin												
March 1999	74.2	73.6	64.1	58.0	—	59.3	62.6	62.4	55.8	49.6	—	50.8
February 1999	65.1	64.5	53.5	46.7	—	48.1	53.9	53.5	45.0	38.3	—	39.6
March 1998	75.3	74.9	65.3	58.5	—	60.0	65.1	64.9	56.5	50.8	W	51.9
PAD District III												
March 1999	71.8	71.4	63.0	54.7	39.7	53.6	58.7	58.5	52.5	47.2	38.7	45.4
February 1999	66.3	65.8	56.6	45.2	35.4	45.4	53.1	52.8	46.7	37.8	32.5	37.9
March 1998	78.6	77.9	66.5	56.9	46.9	57.6	65.0	64.6	57.6	49.6	44.9	49.4
Alabama												
March 1999	73.8	73.2	65.9	55.3	—	58.5	61.7	61.1	57.7	47.8	W	51.1
February 1999	68.5	67.8	58.0	45.4	—	49.1	56.3	55.8	47.6	38.1	—	41.0
March 1998	80.6	79.7	66.7	56.7	—	59.7	68.5	68.0	57.8	49.3	—	51.9
Arkansas												
March 1999	71.2	69.6	60.4	55.4	W	53.9	56.6	56.3	53.7	47.8	38.2	48.0
February 1999	64.1	62.5	53.1	45.4	W	45.6	50.0	49.8	45.7	38.0	W	38.9
March 1998	77.2	75.9	66.0	56.7	W	56.9	63.0	62.5	58.1	49.4	W	50.4
Louisiana												
March 1999	72.1	70.6	NA	53.5	37.3	51.1	59.0	58.3	NA	46.2	38.4	45.7
February 1999	68.6	66.8	NA	44.2	34.8	42.1	55.1	54.1	NA	37.1	32.4	37.5
March 1998	80.6	78.4	71.2	55.2	45.3	55.2	66.9	65.8	62.3	48.2	44.8	49.5
Mississippi												
March 1999	74.5	73.9	64.6	54.4	36.0	53.3	61.7	61.5	59.2	46.8	NA	47.6
February 1999	69.6	69.1	59.4	44.4	34.0	46.6	56.7	56.5	51.2	37.1	33.7	40.4
March 1998	82.4	80.5	69.0	55.6	W	58.2	68.6	67.7	60.1	48.5	44.1	50.6
New Mexico												
March 1999	78.5	77.8	62.4	60.3	—	60.7	64.6	64.4	54.8	53.0	—	53.4
February 1999	72.9	72.2	56.0	52.1	—	52.8	59.4	59.2	47.8	44.3	—	44.9
March 1998	85.6	84.7	65.2	61.9	—	62.5	72.5	72.1	57.6	54.0	—	54.6
Texas												
March 1999	70.6	70.6	60.5	54.4	41.0	52.5	57.4	57.4	47.1	46.7	39.0	43.5
February 1999	64.7	64.6	55.1	45.1	36.1	44.9	51.4	51.4	44.6	37.4	32.4	36.5
March 1998	77.0	76.9	64.6	57.4	48.4	57.5	63.2	63.1	55.7	49.9	45.0	48.4
PAD District IV												
March 1999	80.8	78.8	65.9	60.3	W	61.9	65.9	65.2	59.2	52.8	W	54.5
February 1999	74.5	72.3	57.3	51.9	W	53.4	60.2	59.4	50.9	44.3	W	46.0
March 1998	82.0	80.7	63.9	60.7	—	61.6	69.4	68.8	57.1	52.9	W	54.0
Colorado												
March 1999	82.7	80.5	NA	56.8	W	57.9	66.0	65.4	NA	50.2	W	51.5
February 1999	76.9	74.5	NA	48.9	W	50.8	60.9	60.1	NA	42.0	W	43.8
March 1998	83.1	81.9	61.9	59.3	—	59.9	69.4	68.9	55.4	52.2	W	52.8

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 ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
Idaho												
March 1999	63.5	63.6	57.7	54.6	—	55.4	73.1	72.8	61.4	59.7	—	60.2
February 1999	56.9	57.1	50.1	46.3	—	47.4	67.4	67.0	54.5	51.2	—	52.2
March 1998	67.4	67.8	56.8	50.0	—	52.3	76.7	76.1	61.3	54.4	—	57.5
Montana												
March 1999	55.8	55.6	50.3	47.8	—	48.1	NA	NA	53.9	50.6	—	50.8
February 1999	51.2	51.5	43.0	38.9	—	39.4	56.9	56.7	47.8	41.7	—	42.1
March 1998	73.7	73.6	58.9	53.6	—	54.2	80.3	80.3	67.7	58.9	—	59.6
Utah												
March 1999	62.9	61.8	59.0	54.4	—	56.3	71.2	70.8	NA	59.4	—	61.8
February 1999	55.5	54.2	48.9	45.4	—	46.8	63.5	63.2	54.7	50.8	—	52.7
March 1998	61.1	60.7	52.3	49.5	—	50.5	69.0	68.0	60.0	55.0	—	57.6
Wyoming												
March 1999	64.3	63.2	58.3	49.9	—	50.8	71.6	71.2	66.5	53.9	—	61.2
February 1999	58.1	58.3	51.0	41.4	—	42.3	66.5	65.5	53.8	47.0	—	50.6
March 1998	71.9	69.9	57.0	51.3	—	52.0	80.7	79.7	63.0	55.5	—	58.3
PAD District V												
March 1999	74.3	73.4	68.2	63.8	NA	65.7	83.0	82.6	74.1	68.7	W	72.8
February 1999	63.8	62.5	56.6	46.4	44.0	51.2	74.5	74.1	63.9	52.0	W	61.0
March 1998	65.0	64.6	56.9	51.3	50.7	54.2	73.5	73.2	62.6	56.5	W	61.2
Alaska												
March 1999	90.7	91.1	80.5	65.8	W	70.6	101.6	NA	79.4	69.9	—	77.3
February 1999	83.2	83.6	73.7	58.8	W	63.1	95.2	93.9	74.8	62.7	—	71.2
March 1998	101.8	101.7	83.0	70.4	W	73.2	103.7	101.5	NA	W	—	NA
Arizona												
March 1999	70.0	69.0	63.0	58.3	NA	60.5	79.2	79.0	68.0	62.5	—	66.6
February 1999	58.3	57.3	50.4	43.7	NA	47.2	68.7	68.6	56.1	50.3	—	54.6
March 1998	71.3	70.8	59.8	52.4	45.7	56.6	80.8	80.6	66.0	59.3	—	64.5
California												
March 1999	76.0	75.3	71.0	NA	NA	69.3	83.6	83.5	75.7	74.0	W	75.3
February 1999	65.3	64.2	59.0	48.5	45.1	53.1	75.4	75.1	65.3	53.9	W	62.9
March 1998	62.2	61.8	56.3	52.6	52.2	54.6	70.9	70.8	61.7	57.1	W	60.8
Hawaii												
March 1999	99.1	87.4	91.7	83.1	W	89.5	106.8	97.6	95.4	86.5	—	95.0
February 1999	98.9	84.2	87.5	73.8	—	85.3	104.5	94.3	93.9	80.3	—	93.5
March 1998	109.5	95.5	96.5	84.5	—	94.9	116.2	107.0	101.0	W	—	100.7
Nevada												
March 1999	75.1	70.0	62.3	NA	NA	NA	86.1	84.1	68.1	64.9	—	67.3
February 1999	66.9	61.6	50.5	NA	42.9	NA	78.9	77.1	57.2	NA	—	55.9
March 1998	65.9	65.4	53.5	52.9	49.7	53.0	79.6	79.4	61.0	56.1	—	59.8
Oregon												
March 1999	72.0	71.5	62.8	NA	NA	58.5	83.0	82.3	68.6	NA	—	NA
February 1999	60.7	59.9	51.9	NA	NA	45.4	71.6	71.2	58.4	NA	—	NA
March 1998	63.0	62.7	51.1	46.9	43.7	48.2	73.8	72.2	58.1	53.5	—	55.9
Washington												
March 1999	66.7	67.4	61.3	56.2	NA	58.5	78.3	76.9	67.7	61.8	—	65.6
February 1999	57.2	57.2	50.1	42.6	NA	46.4	70.6	70.3	57.5	48.9	—	54.3
March 1998	60.8	61.2	55.0	48.4	43.0	51.4	73.0	72.4	62.0	54.9	—	59.6

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 ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
Idaho												
March 1999	81.4	79.7	69.2	64.8	—	65.9	66.5	66.2	59.6	56.5	—	57.3
February 1999	75.5	73.9	61.2	56.6	—	58.0	60.1	60.0	52.2	48.2	—	49.4
March 1998	84.2	83.0	67.4	59.9	—	62.8	70.1	70.1	58.8	51.6	—	54.2
Montana												
March 1999	69.2	68.7	61.8	59.3	—	59.6	58.3	58.2	52.7	50.1	—	50.5
February 1999	64.4	64.0	53.1	50.4	—	50.7	53.9	54.0	45.0	41.2	—	41.7
March 1998	84.3	84.3	66.9	65.1	—	65.3	75.9	75.6	60.6	55.8	—	56.4
Utah												
March 1999	80.4	78.3	68.2	63.9	—	65.9	67.8	66.6	62.2	57.1	—	59.3
February 1999	72.5	70.0	58.1	55.1	—	56.4	60.4	59.1	52.1	48.2	—	49.8
March 1998	77.9	76.2	63.1	59.2	—	60.9	65.5	64.7	56.4	52.2	—	53.9
Wyoming												
March 1999	79.1	78.1	70.2	59.6	—	61.4	67.8	66.6	62.2	51.8	—	53.2
February 1999	72.6	71.0	60.0	51.4	—	52.4	61.9	61.5	53.4	43.5	—	44.6
March 1998	84.0	82.1	67.3	60.9	—	61.9	74.8	72.7	59.6	53.1	—	54.0
PAD District V												
March 1999	92.9	92.2	82.2	75.0	NA	77.8	78.3	77.3	71.6	65.6	NA	68.4
February 1999	84.1	82.4	72.2	58.3	NA	65.5	68.5	67.2	60.6	48.5	NA	54.6
March 1998	83.6	83.1	70.8	63.3	54.4	67.9	68.9	68.4	60.3	53.2	51.1	57.1
Alaska												
March 1999	109.7	109.6	88.4	74.9	—	81.0	93.8	94.0	81.4	66.8	W	71.9
February 1999	102.3	102.3	82.5	70.4	W	73.9	86.2	86.5	74.9	60.4	W	64.7
March 1998	111.6	111.6	93.1	81.1	—	86.7	103.5	103.3	84.2	71.7	W	74.9
Arizona												
March 1999	90.5	90.3	75.9	68.6	NA	73.2	73.9	72.9	65.4	59.8	NA	62.7
February 1999	79.1	78.9	64.0	55.8	NA	61.2	62.7	61.6	53.2	45.6	NA	49.8
March 1998	91.0	90.7	72.6	64.4	—	70.3	75.0	74.5	62.4	54.4	45.7	59.2
California												
March 1999	92.7	92.3	84.3	79.0	NA	81.1	79.9	79.2	74.3	NA	NA	72.0
February 1999	84.3	82.5	73.8	59.0	48.8	67.7	70.2	69.0	63.0	50.5	45.5	56.8
March 1998	79.9	79.6	69.7	63.4	55.6	67.6	66.4	66.0	59.9	54.4	52.5	57.5
Hawaii												
March 1999	115.1	102.7	103.7	94.1	—	102.5	103.9	92.1	95.5	86.0	W	93.7
February 1999	114.6	100.3	99.1	86.8	—	97.7	103.4	89.0	91.7	77.1	—	89.9
March 1998	125.4	111.5	108.1	96.5	—	107.0	113.9	100.3	100.3	87.4	—	98.9
Nevada												
March 1999	94.8	91.6	NA	NA	NA	NA	79.6	74.3	65.1	NA	NA	NA
February 1999	87.7	84.6	63.6	NA	49.7	NA	72.0	66.6	53.8	NA	44.2	NA
March 1998	83.1	83.0	68.1	62.7	W	65.2	69.5	68.9	57.0	54.4	50.1	55.5
Oregon												
March 1999	92.2	90.7	NA	NA	NA	NA	75.0	74.3	64.9	NA	NA	NA
February 1999	81.4	79.6	NA	NA	W	NA	63.8	63.0	54.5	NA	NA	47.7
March 1998	82.2	80.8	66.0	61.1	NA	62.0	65.8	65.2	53.5	48.8	45.4	50.3
Washington												
March 1999	88.7	88.6	74.7	70.0	NA	68.8	70.9	71.2	64.0	58.5	NA	60.8
February 1999	80.4	79.2	65.8	56.3	NA	NA	61.9	61.6	53.2	44.9	NA	49.0
March 1998	83.1	82.9	69.3	61.8	NA	64.9	65.0	65.3	57.9	50.6	44.3	54.0

Dash (—) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

^a 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 ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
United States												
March 1999	57.1	56.9	52.2	46.7	40.0	47.0	65.6	65.3	58.1	50.3	-	53.3
February 1999	49.3	49.1	43.1	36.2	33.0	37.4	58.5	58.3	49.7	40.3	-	43.9
March 1998	61.4	61.3	53.9	48.0	45.4	49.0	69.9	69.5	59.8	51.9	-	55.0
PAD District I												
March 1999	53.2	52.9	48.1	44.5	40.6	45.4	62.7	62.8	54.5	48.9	-	51.0
February 1999	47.9	47.5	41.5	35.3	33.1	37.0	57.9	57.8	48.6	39.6	-	43.2
March 1998	58.7	58.5	52.0	47.0	45.0	48.3	68.2	68.0	58.1	51.1	-	53.8
Subdistrict IA												
March 1999	60.8	60.7	54.6	46.5	NA	50.1	70.2	69.5	61.2	50.5	-	56.0
February 1999	56.4	56.2	48.2	39.2	36.4	41.4	66.2	65.6	56.5	43.1	-	49.8
March 1998	67.1	66.9	59.1	51.6	W	53.0	77.2	76.6	66.6	56.1	-	61.1
Connecticut												
March 1999	-	-	-	-	-	-	-	-	-	-	-	-
February 1999	-	-	-	-	-	-	-	-	-	-	-	-
March 1998	-	-	-	-	W	W	-	-	-	-	-	-
Maine												
March 1999	61.8	61.6	53.8	46.6	-	48.7	72.5	71.7	60.8	50.5	-	54.3
February 1999	57.2	56.9	48.0	39.6	36.2	40.0	68.1	67.3	56.1	43.4	-	47.7
March 1998	70.4	70.1	59.4	52.4	W	52.4	80.1	79.2	66.5	56.6	-	59.5
Massachusetts												
March 1999	-	-	-	-	NA	NA	-	-	-	-	-	-
February 1999	-	W	-	-	W	W	-	-	-	-	-	-
March 1998	-	-	-	-	W	W	-	-	-	-	-	-
New Hampshire												
March 1999	59.2	59.1	54.6	45.8	-	50.7	67.9	67.7	59.2	49.2	-	54.5
February 1999	55.2	55.1	46.9	37.4	-	42.8	64.6	64.4	51.8	42.0	-	47.2
March 1998	63.6	63.5	57.8	52.4	-	56.0	74.0	73.7	62.7	NA	-	62.3
Rhode Island												
March 1999	-	-	-	-	-	-	-	-	-	-	-	-
February 1999	-	-	-	-	-	-	-	-	-	-	-	-
March 1998	-	-	-	-	-	-	-	-	-	-	-	-
Vermont												
March 1999	60.5	60.6	55.2	46.6	-	52.3	67.8	66.8	62.0	51.2	-	58.9
February 1999	56.1	56.1	48.7	38.5	-	45.4	64.2	63.7	57.9	43.0	-	53.7
March 1998	63.9	64.0	59.2	48.0	-	56.1	73.6	73.2	67.6	52.1	-	63.6
Subdistrict IB												
March 1999	51.7	51.8	46.3	43.9	40.4	43.9	59.4	59.4	52.7	47.9	-	50.0
February 1999	47.4	47.4	40.1	35.9	32.0	36.1	55.7	55.7	46.2	40.1	-	42.9
March 1998	58.1	58.2	50.9	47.8	44.2	48.0	66.5	66.4	56.1	52.0	-	53.7
Delaware												
March 1999	-	-	-	-	-	-	-	-	-	-	-	-
February 1999	-	-	-	-	-	-	-	-	-	-	-	-
March 1998	-	-	-	-	-	-	-	-	-	-	-	-
District of Columbia												
March 1999	-	-	-	-	-	-	-	-	-	-	-	-
February 1999	-	-	-	-	-	-	-	-	-	-	-	-
March 1998	-	-	-	-	-	-	-	-	-	-	-	-
Maryland												
March 1999	54.1	54.0	49.2	43.8	W	40.7	62.4	62.2	56.0	48.3	-	50.3
February 1999	49.4	49.0	42.8	35.3	-	37.2	59.2	58.4	50.2	39.4	-	41.5
March 1998	63.2	62.9	52.7	47.4	-	48.6	71.8	71.2	61.3	51.6	-	53.1
New Jersey												
March 1999	-	-	-	-	41.2	41.2	-	-	-	-	-	-
February 1999	-	-	-	-	31.7	31.7	-	-	-	-	-	-
March 1998	-	-	-	-	43.9	43.9	-	-	-	-	-	-
New York												
March 1999	54.0	53.7	47.0	44.4	NA	45.0	63.4	62.3	52.8	49.0	-	50.9
February 1999	50.0	49.5	41.2	36.7	NA	38.1	60.1	58.7	48.2	41.0	-	44.4
March 1998	60.3	60.0	52.2	48.2	47.0	49.3	69.4	68.5	56.7	51.8	-	54.0
Pennsylvania												
March 1999	50.1	50.4	45.7	43.6	41.2	44.0	57.9	58.2	52.6	47.5	-	49.7
February 1999	45.6	46.0	39.1	35.5	31.5	35.9	54.2	54.5	45.4	39.9	-	42.5
March 1998	56.7	56.9	50.0	47.7	43.8	47.9	65.3	65.5	55.7	52.1	-	53.7

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 ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
United States												
March 1999	73.7	72.7	63.3	55.8	43.5	57.1	60.8	60.5	55.0	48.5	40.3	49.2
February 1999	66.6	65.7	55.5	45.6	36.5	47.8	53.4	53.1	46.4	38.2	33.4	39.8
March 1998	78.0	77.3	65.6	56.9	47.5	59.1	65.0	64.8	56.7	49.7	45.5	51.0
PAD District I												
March 1999	71.4	70.2	60.3	54.0	42.6	56.0	58.2	57.9	51.7	46.9	40.8	48.2
February 1999	66.3	65.4	54.4	44.8	36.6	48.0	53.1	52.7	45.4	37.7	33.5	39.9
March 1998	76.8	76.0	63.6	56.2	47.6	58.5	63.4	63.2	55.4	49.2	45.3	50.9
Subdistrict IA												
March 1999	79.0	78.6	66.6	55.2	—	61.3	64.3	64.1	57.4	48.0	NA	52.3
February 1999	74.9	74.5	60.0	47.9	W	53.8	60.2	60.0	51.2	40.7	36.4	43.6
March 1998	86.0	85.5	71.3	60.4	—	66.3	70.6	70.3	61.8	53.1	W	54.9
Connecticut												
March 1999	—	—	—	—	—	—	—	—	—	—	—	—
February 1999	—	—	—	—	—	—	—	—	—	—	—	—
March 1998	—	—	—	—	—	—	—	—	—	—	W	W
Maine												
March 1999	82.4	81.6	65.9	55.3	—	58.6	65.5	65.2	56.1	48.0	—	50.4
February 1999	78.0	77.3	59.8	48.1	W	50.8	61.3	60.9	50.6	41.1	36.2	41.7
March 1998	90.1	89.5	69.9	60.9	—	63.5	73.8	73.5	61.3	53.8	W	54.0
Massachusetts												
March 1999	—	—	—	—	—	—	—	—	—	—	NA	NA
February 1999	—	—	—	—	—	—	—	W	—	—	W	W
March 1998	—	—	—	—	—	—	—	—	—	—	W	W
New Hampshire												
March 1999	77.5	77.5	65.5	54.7	—	61.5	62.6	62.5	56.8	47.2	—	52.6
February 1999	73.3	73.3	58.2	47.0	—	54.0	58.8	58.7	49.2	39.1	—	44.9
March 1998	83.8	83.8	70.4	64.1	—	69.0	67.2	67.0	60.2	54.3	—	58.4
Rhode Island												
March 1999	—	—	—	—	—	—	—	—	—	—	—	—
February 1999	—	—	—	—	—	—	—	—	—	—	—	—
March 1998	—	—	—	—	—	—	—	—	—	—	—	—
Vermont												
March 1999	75.7	75.5	67.2	54.8	—	64.1	63.6	63.4	58.3	48.2	—	55.1
February 1999	72.1	72.0	60.5	47.1	—	57.6	59.6	59.4	52.0	40.1	—	48.4
March 1998	81.8	81.5	72.0	57.4	—	69.0	67.4	67.3	62.5	49.7	—	59.1
Subdistrict IB												
March 1999	67.3	66.8	57.2	52.7	42.3	52.6	54.9	55.0	48.8	45.6	40.6	45.6
February 1999	63.5	63.1	51.4	44.9	36.6	45.3	50.9	50.9	42.7	37.6	32.7	38.0
March 1998	75.3	74.7	61.8	56.7	47.5	56.8	61.7	61.6	53.2	49.5	44.6	49.7
Delaware												
March 1999	—	—	—	—	—	—	—	—	—	—	—	—
February 1999	—	—	—	—	—	—	—	—	—	—	—	—
March 1998	—	—	—	—	—	—	—	—	—	—	—	—
District of Columbia												
March 1999	—	—	—	—	—	—	—	—	—	—	—	—
February 1999	—	—	—	—	—	—	—	—	—	—	—	—
March 1998	—	—	—	—	—	—	—	—	—	—	—	—
Maryland												
March 1999	70.1	69.5	58.6	54.0	—	55.1	58.4	58.2	51.4	46.1	W	43.0
February 1999	65.0	64.4	54.3	45.3	—	47.4	54.2	53.6	45.4	37.5	—	39.4
March 1998	78.6	77.5	61.2	56.9	—	57.9	67.4	67.0	54.8	49.5	—	50.7
New Jersey												
March 1999	—	—	—	—	45.1	45.1	—	—	—	—	41.5	41.5
February 1999	—	—	—	—	36.6	36.6	—	—	—	—	32.1	32.1
March 1998	—	—	—	—	46.5	46.5	—	—	—	—	44.1	44.1
New York												
March 1999	70.1	68.2	58.4	53.3	NA	55.2	56.8	56.4	49.1	45.9	NA	46.6
February 1999	66.6	65.5	52.6	45.7	NA	48.3	53.2	52.5	43.5	38.2	NA	39.9
March 1998	77.0	75.5	62.9	57.6	W	58.5	63.2	62.7	54.2	49.6	47.9	50.9
Pennsylvania												
March 1999	66.0	65.9	56.5	52.2	41.0	51.8	53.7	54.0	48.5	45.4	41.1	45.9
February 1999	61.9	61.8	50.6	44.5	36.6	44.5	49.5	49.8	42.0	37.3	33.0	38.1
March 1998	74.3	74.2	61.3	56.2	46.7	56.5	60.6	60.7	52.6	49.4	44.3	49.8

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 ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
Subdistrict IC												
March 1999	53.4	53.0	48.4	44.6	NA	45.8	63.4	63.5	54.8	49.0	—	51.1
February 1999	47.7	47.2	41.6	35.0	NA	37.2	58.3	58.2	49.0	39.4	—	43.1
March 1998	58.5	58.3	52.0	46.5	46.2	48.2	68.5	68.1	58.3	50.8	—	53.7
Florida												
March 1999	55.6	55.0	46.7	44.8	NA	45.4	66.2	66.5	NA	49.1	—	51.2
February 1999	50.6	50.0	42.0	35.2	NA	37.1	62.1	61.7	NA	39.4	—	44.0
March 1998	60.4	59.9	51.4	46.6	W	48.0	70.9	70.2	58.0	50.7	—	53.7
Georgia												
March 1999	51.0	51.2	47.1	44.4	NA	45.2	60.8	60.5	51.9	49.1	—	50.3
February 1999	44.9	44.9	39.9	34.7	NA	36.3	55.3	55.5	45.3	39.6	—	42.2
March 1998	55.5	55.8	52.4	46.3	—	48.2	65.0	65.5	56.7	51.0	—	53.6
North Carolina												
March 1999	51.8	51.2	47.3	44.6	35.8	45.4	62.0	61.8	55.8	49.1	—	51.0
February 1999	45.9	45.1	39.6	35.0	W	36.6	56.2	56.0	49.5	39.4	—	42.4
March 1998	57.3	57.0	52.7	46.8	W	48.3	67.5	66.9	60.5	51.2	—	54.0
South Carolina												
March 1999	50.9	50.7	46.1	44.7	W	45.1	61.5	61.3	52.1	49.2	—	50.2
February 1999	44.2	44.0	37.9	34.9	W	35.7	54.8	54.6	43.9	39.6	—	41.0
March 1998	56.6	56.6	49.1	46.7	—	47.3	66.7	66.5	53.9	51.4	—	52.2
Virginia												
March 1999	55.1	55.0	NA	44.1	NA	47.8	64.5	64.5	60.7	47.9	—	52.8
February 1999	49.9	50.0	47.0	34.7	W	39.9	59.7	59.8	55.0	38.8	—	45.1
March 1998	61.0	60.7	51.5	45.9	44.6	48.0	70.5	69.9	60.7	48.9	—	53.3
West Virginia												
March 1999	55.6	55.4	53.2	46.7	—	50.6	63.6	63.5	57.8	52.4	—	55.8
February 1999	48.7	48.6	45.4	36.8	—	42.0	57.4	57.2	49.9	42.7	—	47.4
March 1998	62.8	62.5	56.1	48.7	—	53.4	71.8	71.5	63.3	52.6	—	58.8
PAD District II												
March 1999	58.2	58.0	52.2	47.0	41.2	47.8	66.4	66.1	58.1	50.6	—	53.5
February 1999	48.6	48.5	41.5	36.1	33.9	37.1	56.7	56.5	47.6	40.1	—	43.0
March 1998	61.7	61.7	54.1	48.6	47.4	49.9	69.3	69.2	60.0	52.9	—	55.8
Illinois												
March 1999	58.9	59.0	NA	45.9	37.4	45.5	62.5	62.8	58.6	49.9	—	52.7
February 1999	49.1	49.3	44.4	34.5	33.8	35.1	52.5	52.8	45.6	38.7	—	40.4
March 1998	62.1	62.4	57.1	47.5	46.2	48.0	65.0	65.4	58.4	51.0	—	52.9
Indiana												
March 1999	58.8	58.8	52.9	45.6	34.8	46.2	67.6	67.4	58.8	49.4	—	53.1
February 1999	49.0	49.2	43.2	33.8	33.6	36.0	57.9	57.8	48.6	38.1	—	42.4
March 1998	61.4	61.4	53.2	47.1	48.4	49.4	69.2	69.1	58.7	50.8	—	54.7
Iowa												
March 1999	58.0	58.4	52.7	48.8	—	49.2	63.0	63.1	56.8	53.5	—	54.6
February 1999	50.8	51.1	43.3	38.6	—	39.0	56.9	57.0	47.2	43.7	—	44.8
March 1998	63.1	63.4	55.6	51.5	—	52.0	69.0	69.2	60.1	NA	—	57.7
Kansas												
March 1999	55.8	56.0	51.2	47.3	W	47.5	62.8	62.7	NA	50.6	—	52.4
February 1999	48.9	49.1	41.4	37.6	33.8	37.9	55.5	55.4	NA	41.9	—	42.9
March 1998	62.1	61.9	56.5	49.9	47.8	50.5	67.9	67.9	57.6	54.4	—	55.9
Kentucky												
March 1999	58.4	57.7	51.9	47.4	—	48.5	67.9	66.9	58.9	51.2	—	53.5
February 1999	48.4	47.6	40.1	35.5	—	36.7	57.9	57.3	46.7	39.3	—	41.5
March 1998	61.4	61.0	53.2	47.5	—	49.1	70.0	69.5	59.2	51.6	—	54.4
Michigan												
March 1999	57.4	57.1	50.2	46.7	—	48.1	66.6	66.5	56.0	49.8	—	54.2
February 1999	47.1	47.1	39.3	35.0	—	36.7	56.5	56.4	46.0	38.3	—	43.7
March 1998	61.5	61.4	52.2	48.1	—	49.8	69.9	69.8	57.7	50.5	—	55.9
Minnesota												
March 1999	—	W	—	49.5	W	48.8	—	—	—	NA	—	NA
February 1999	—	—	—	39.7	W	39.0	—	—	—	NA	—	NA
March 1998	—	61.7	—	51.2	W	50.2	—	—	—	56.9	—	56.9
Missouri												
March 1999	54.4	54.6	52.6	46.5	—	48.1	62.9	62.8	NA	50.6	—	54.1
February 1999	46.5	46.7	43.7	36.2	—	38.4	55.8	55.6	NA	40.6	—	44.1
March 1998	58.0	58.5	55.4	48.9	—	51.2	66.2	66.3	59.8	52.9	—	56.9

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 ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
Subdistrict IC												
March 1999	72.0	70.6	60.6	54.3	W	56.7	58.9	58.5	52.2	47.3	NA	48.9
February 1999	66.7	65.6	54.7	44.7	W	48.6	53.5	53.0	45.8	37.6	NA	40.5
March 1998	76.9	76.1	63.7	56.1	W	58.8	63.7	63.4	55.8	49.0	46.5	51.2
Florida												
March 1999	73.3	72.1	NA	54.6	—	57.0	61.2	60.8	NA	47.5	NA	49.0
February 1999	69.0	67.9	NA	45.1	—	50.1	56.5	55.9	NA	37.9	NA	41.3
March 1998	78.4	77.3	64.4	56.2	—	59.9	65.7	65.2	56.6	49.1	W	51.7
Georgia												
March 1999	69.4	68.4	58.7	53.9	—	55.7	56.3	56.6	50.6	46.9	NA	48.2
February 1999	64.1	63.6	52.2	44.3	—	47.2	50.6	50.7	43.7	37.2	NA	39.4
March 1998	73.4	73.4	63.5	55.6	—	58.4	60.4	60.9	55.6	48.6	—	50.9
North Carolina												
March 1999	71.7	69.8	57.1	54.3	NA	55.3	57.9	57.0	50.3	47.4	35.8	48.2
February 1999	66.0	64.1	49.8	44.8	NA	46.5	52.2	51.2	42.9	37.8	W	39.5
March 1998	76.9	76.2	65.0	56.6	—	58.7	63.1	62.6	56.4	49.4	W	51.2
South Carolina												
March 1999	70.4	69.4	55.9	54.6	—	55.0	56.5	56.1	48.9	47.3	W	47.8
February 1999	63.5	62.6	47.8	44.8	—	45.6	49.8	49.4	40.7	37.6	W	38.4
March 1998	75.2	74.8	59.8	56.6	—	57.4	61.6	61.5	51.8	49.2	—	49.8
Virginia												
March 1999	73.3	72.7	71.7	53.4	W	61.5	60.4	60.2	58.2	46.6	NA	51.3
February 1999	68.1	67.7	63.4	44.1	W	53.0	55.4	55.4	51.5	37.2	NA	43.3
March 1998	78.8	77.3	60.7	54.4	W	56.7	65.9	65.5	54.5	47.9	45.5	50.4
West Virginia												
March 1999	73.1	72.5	64.1	56.8	—	61.3	59.6	59.4	55.6	48.9	—	53.0
February 1999	65.8	65.4	57.4	47.6	—	53.9	52.7	52.6	48.1	39.2	—	44.7
March 1998	79.9	79.3	69.0	57.8	—	64.6	66.6	66.3	58.9	50.7	—	55.8
PAD District II												
March 1999	73.8	72.9	63.8	56.0	NA	57.7	61.1	60.8	54.7	48.5	41.4	49.6
February 1999	64.2	63.5	53.2	45.3	38.6	47.1	51.7	51.5	44.2	37.7	34.3	39.0
March 1998	76.5	76.0	65.8	57.0	48.5	59.5	64.4	64.3	56.5	50.0	47.4	51.5
Illinois												
March 1999	75.8	75.6	63.0	55.7	W	56.0	60.9	61.0	55.5	47.2	37.4	47.2
February 1999	63.5	63.4	NA	44.7	37.7	43.8	51.1	51.2	45.7	36.0	34.2	36.4
March 1998	74.8	74.8	66.5	56.8	W	56.7	63.7	64.0	58.3	48.8	46.1	49.1
Indiana												
March 1999	74.8	74.4	64.2	56.5	43.3	57.7	62.4	62.2	55.7	47.4	35.9	48.5
February 1999	65.1	65.0	54.5	44.9	38.4	47.4	53.0	53.1	46.0	35.9	34.3	38.4
March 1998	75.5	75.3	64.4	56.4	—	59.8	64.6	64.6	55.6	48.7	48.4	51.3
Iowa												
March 1999	67.1	67.3	61.1	57.3	—	57.9	59.1	59.5	54.6	49.8	—	50.4
February 1999	60.5	60.6	51.2	47.3	—	47.9	52.1	52.4	45.2	39.6	—	40.3
March 1998	71.9	71.9	63.9	59.1	—	59.9	64.3	64.6	57.6	52.9	—	53.5
Kansas												
March 1999	68.5	68.3	58.6	54.2	W	54.7	57.3	57.4	52.4	48.1	W	48.3
February 1999	61.1	60.9	50.1	44.7	W	45.3	50.5	50.5	42.8	38.4	34.4	38.8
March 1998	73.9	73.5	62.9	57.0	W	58.1	63.5	63.2	57.2	50.6	47.8	51.2
Kentucky												
March 1999	76.6	74.9	62.6	56.7	—	58.4	62.9	62.0	54.9	49.4	—	50.9
February 1999	67.1	65.4	51.0	45.3	—	46.9	53.2	52.3	43.2	37.8	—	39.2
March 1998	78.9	77.7	64.0	56.8	—	58.9	65.4	64.9	55.9	49.6	—	51.4
Michigan												
March 1999	72.7	71.5	62.4	56.8	NA	59.1	59.9	59.6	52.6	48.3	NA	50.1
February 1999	62.7	61.9	51.6	45.5	—	48.0	49.9	49.8	42.0	36.8	—	39.0
March 1998	76.1	75.5	64.3	56.9	—	60.2	63.8	63.6	54.5	49.4	—	51.6
Minnesota												
March 1999	71.0	71.2	NA	58.2	W	59.4	71.0	71.1	NA	50.6	W	50.2
February 1999	68.1	68.3	53.1	48.6	W	48.5	68.1	68.3	53.1	41.0	W	40.4
March 1998	83.4	83.4	67.2	60.6	W	59.6	83.4	80.9	67.2	52.6	W	51.5
Missouri												
March 1999	72.0	71.9	62.8	54.8	—	57.7	57.0	57.1	54.9	47.7	—	49.7
February 1999	63.7	63.6	54.0	44.6	—	48.2	49.4	49.4	45.8	37.5	—	40.2
March 1998	74.8	74.8	67.2	56.9	—	61.2	60.4	60.8	57.3	49.9	—	52.7

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 ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
Nebraska												
March 1999	57.6	58.2	51.7	49.0	—	49.4	63.0	62.5	55.1	53.8	—	54.3
February 1999	49.9	50.6	41.0	38.9	—	39.2	55.8	55.4	48.3	44.3	—	45.9
March 1998	64.1	64.5	55.6	51.1	—	51.8	69.3	68.7	61.3	NA	—	58.3
North Dakota												
March 1999	66.1	65.7	53.8	49.2	—	50.0	72.1	71.7	NA	55.7	—	57.1
February 1999	60.5	60.2	45.0	40.1	—	41.0	65.8	66.2	NA	47.0	—	NA
March 1998	71.3	71.1	55.1	51.1	—	51.8	77.9	76.7	63.0	59.3	—	60.4
Ohio												
March 1999	63.3	62.8	55.4	48.0	W	51.0	72.5	71.9	62.4	50.6	—	57.0
February 1999	49.0	48.8	42.2	35.4	W	38.0	58.3	58.0	49.7	38.7	—	44.5
March 1998	63.8	63.5	54.9	47.9	46.5	50.8	72.2	71.9	62.0	50.7	—	57.1
Oklahoma												
March 1999	54.5	54.3	48.7	47.0	42.9	45.8	60.9	60.9	54.2	48.3	—	52.5
February 1999	47.4	47.4	39.7	37.1	33.8	36.2	53.4	53.4	47.1	39.0	—	45.0
March 1998	59.2	59.2	53.0	49.3	47.8	49.1	65.3	65.4	58.9	50.6	—	56.4
South Dakota												
March 1999	62.9	63.3	55.0	50.2	—	51.4	66.7	66.9	55.7	NA	—	NA
February 1999	57.7	57.9	45.0	40.0	—	41.3	61.4	61.5	46.4	NA	—	NA
March 1998	70.3	70.6	57.8	51.8	—	53.2	71.5	71.5	60.8	56.4	—	57.2
Tennessee												
March 1999	52.8	52.1	50.4	45.6	W	46.0	62.3	61.8	57.6	49.3	—	50.8
February 1999	45.8	44.9	41.6	35.4	W	36.2	55.5	54.9	48.4	39.9	—	41.4
March 1998	59.4	59.0	55.7	47.1	—	48.5	69.0	68.8	63.9	51.5	—	54.6
Wisconsin												
March 1999	60.3	60.1	54.7	47.2	—	47.9	67.4	67.6	NA	51.3	—	52.7
February 1999	51.1	50.8	42.2	35.6	—	36.3	58.7	58.7	NA	40.7	—	41.8
March 1998	62.6	62.4	52.6	48.1	—	48.6	69.8	69.7	59.3	53.1	—	54.2
PAD District III												
March 1999	55.1	54.9	52.4	44.9	38.7	43.4	63.9	63.5	58.2	48.8	—	51.7
February 1999	48.2	48.2	43.4	35.2	32.0	35.3	58.7	58.1	49.3	39.2	—	42.0
March 1998	61.2	60.9	54.7	47.2	44.8	47.1	70.8	70.2	60.3	50.8	—	53.6
Alabama												
March 1999	56.9	56.4	54.3	44.9	W	47.9	65.6	64.8	61.1	49.4	—	54.4
February 1999	51.4	51.0	43.7	35.2	—	37.8	60.1	59.2	49.2	39.9	—	43.3
March 1998	64.1	63.7	54.5	46.6	—	49.0	72.4	71.6	59.7	51.2	—	54.5
Arkansas												
March 1999	52.7	53.2	51.9	45.8	37.0	46.1	62.9	62.4	54.8	49.3	—	50.6
February 1999	46.2	46.5	43.5	35.9	W	36.9	56.4	55.7	46.6	39.4	—	41.0
March 1998	59.5	59.4	55.9	47.7	W	48.7	69.3	68.5	59.0	50.9	—	52.9
Louisiana												
March 1999	53.4	52.9	NA	43.6	39.6	44.0	64.3	63.7	NA	48.3	—	51.9
February 1999	49.5	48.7	NA	34.5	30.9	35.2	59.7	59.0	NA	39.1	—	43.1
March 1998	61.5	60.7	58.5	45.8	44.6	47.2	72.4	70.9	64.3	50.1	—	54.9
Mississippi												
March 1999	57.3	57.1	57.1	44.2	NA	45.1	64.9	64.7	64.0	48.7	—	53.7
February 1999	52.3	52.0	47.9	34.6	33.6	37.9	60.0	59.7	58.1	38.9	—	45.2
March 1998	64.1	63.2	57.3	46.2	43.8	48.2	73.2	72.8	63.4	50.5	—	55.1
New Mexico												
March 1999	61.3	61.0	53.5	51.3	—	51.7	70.5	70.0	58.5	56.2	—	56.6
February 1999	56.6	56.4	45.8	41.4	—	42.1	65.7	65.2	50.0	46.1	—	46.9
March 1998	69.2	68.8	56.0	52.5	—	53.0	78.5	78.1	62.6	56.9	—	57.6
Texas												
March 1999	54.0	54.1	48.8	44.2	38.9	41.5	61.6	61.6	51.3	47.9	—	48.7
February 1999	45.6	46.1	39.9	34.7	32.1	33.8	56.5	56.1	43.4	38.5	—	39.5
March 1998	59.0	59.1	51.8	47.3	44.8	46.2	68.0	67.8	55.8	50.3	—	51.5
PAD District IV												
March 1999	60.9	60.5	56.4	50.5	W	51.9	71.3	70.8	61.4	56.0	—	58.3
February 1999	54.7	54.3	48.0	41.6	W	43.0	65.0	64.5	53.7	47.1	—	49.7
March 1998	65.7	65.5	54.3	50.7	W	51.6	74.1	73.5	59.4	54.8	—	56.8
Colorado												
March 1999	60.1	59.8	52.0	47.7	W	48.4	71.9	71.4	56.3	51.4	—	53.4
February 1999	54.2	53.7	NA	38.7	W	39.3	66.2	65.8	NA	42.6	—	44.9
March 1998	65.2	64.9	52.8	49.8	W	50.3	75.5	75.1	57.0	53.4	—	54.9

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 ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
Nebraska												
March 1999	69.8	69.7	NA	56.0	—	57.3	59.2	59.6	53.3	49.7	—	50.3
February 1999	61.6	61.4	NA	46.4	—	47.6	51.6	52.0	43.3	39.7	—	40.3
March 1998	76.6	76.2	66.7	59.1	—	60.6	65.6	65.7	57.6	52.4	—	53.2
North Dakota												
March 1999	70.2	69.8	64.1	58.7	—	60.1	66.9	66.6	55.2	50.0	—	50.9
February 1999	62.6	62.3	54.4	49.1	—	50.5	61.3	61.1	46.2	41.1	—	42.1
March 1998	77.8	77.1	66.5	59.9	—	61.9	72.4	72.1	56.8	51.9	—	52.9
Ohio												
March 1999	79.8	78.7	68.0	57.5	W	62.4	66.7	66.1	58.4	49.5	34.5	53.2
February 1999	66.0	65.4	55.3	45.2	—	50.0	52.8	52.5	45.4	37.1	W	40.5
March 1998	79.8	79.1	67.7	57.1	W	62.5	67.1	66.8	57.8	49.3	46.7	53.1
Oklahoma												
March 1999	67.5	67.0	57.1	54.2	NA	52.5	57.1	56.9	49.9	48.2	43.0	46.8
February 1999	61.1	60.5	48.5	44.6	NA	44.2	50.3	50.1	41.4	38.4	34.1	37.3
March 1998	71.3	70.7	60.0	56.1	49.6	55.7	61.6	61.4	54.1	50.4	47.8	49.8
South Dakota												
March 1999	77.8	77.6	62.2	59.1	—	60.1	64.3	64.6	55.7	51.1	—	52.2
February 1999	71.7	71.3	52.7	48.7	—	50.1	59.2	59.3	45.9	41.1	—	42.3
March 1998	81.0	81.0	63.5	59.8	—	61.1	71.0	71.2	58.6	52.7	—	54.2
Tennessee												
March 1999	71.2	69.5	62.8	55.2	—	56.2	58.0	57.1	54.1	48.1	W	48.8
February 1999	64.3	62.6	54.3	45.0	—	46.3	51.3	50.3	45.5	38.2	W	39.2
March 1998	77.5	77.0	69.4	56.5	—	58.5	64.5	64.1	59.8	49.6	—	51.4
Wisconsin												
March 1999	73.2	72.7	64.7	56.6	—	57.6	62.1	61.9	56.1	48.3	—	49.1
February 1999	64.2	63.6	52.0	45.4	—	46.1	53.2	52.8	43.7	37.0	—	37.7
March 1998	74.1	73.7	64.1	57.0	—	57.8	64.3	64.1	54.3	49.2	—	49.8
PAD District III												
March 1999	72.1	71.6	62.9	54.6	39.0	53.4	59.1	58.9	55.1	47.0	38.7	45.4
February 1999	65.4	64.9	55.6	44.8	35.1	44.7	52.7	52.4	46.5	37.3	32.4	37.3
March 1998	78.9	78.1	66.3	56.3	46.4	56.8	65.3	64.8	57.5	49.1	44.9	48.8
Alabama												
March 1999	73.8	73.2	65.9	55.3	—	58.5	61.7	61.1	57.7	47.8	W	51.1
February 1999	68.5	67.8	58.0	45.4	—	49.1	56.3	55.8	47.6	38.1	—	41.0
March 1998	80.6	79.7	66.7	56.7	—	59.7	68.5	68.0	57.8	49.3	—	51.9
Arkansas												
March 1999	71.2	69.6	60.4	55.4	W	53.9	56.6	56.3	53.7	47.8	38.2	48.0
February 1999	64.1	62.5	53.1	45.4	W	45.6	50.0	49.8	45.7	38.0	W	38.9
March 1998	77.2	75.9	66.0	56.7	W	56.9	63.0	62.5	58.1	49.4	W	50.4
Louisiana												
March 1999	72.1	70.6	NA	53.5	37.8	51.8	59.0	58.3	NA	46.2	39.2	46.4
February 1999	68.6	66.8	NA	44.2	34.8	42.1	55.1	54.2	NA	37.1	32.5	37.7
March 1998	80.6	78.4	71.2	55.2	45.3	55.2	66.9	65.8	62.3	48.2	44.8	49.6
Mississippi												
March 1999	74.5	73.9	64.6	54.4	36.0	53.3	61.7	61.5	59.2	46.8	NA	47.6
February 1999	69.6	69.1	59.4	44.4	34.0	46.6	56.7	56.5	51.2	37.1	33.7	40.4
March 1998	82.4	80.5	69.0	55.6	W	58.2	68.6	67.7	60.1	48.5	44.1	50.6
New Mexico												
March 1999	78.0	77.3	62.7	60.3	—	60.7	64.3	64.0	55.4	53.0	—	53.4
February 1999	72.5	71.9	56.3	50.7	—	51.6	59.7	59.4	47.7	43.1	—	43.8
March 1998	84.5	83.6	65.3	61.9	—	62.5	71.9	71.5	57.8	54.0	—	54.6
Texas												
March 1999	70.4	70.5	58.1	53.7	40.0	50.9	57.5	57.6	50.5	46.0	38.9	42.7
February 1999	62.0	62.0	49.4	44.1	35.6	42.8	49.6	49.8	41.9	36.4	32.3	35.1
March 1998	76.6	76.5	61.9	56.0	47.6	55.1	62.7	62.6	53.8	48.7	44.9	47.1
PAD District IV												
March 1999	80.6	78.7	66.1	60.4	W	62.0	65.8	65.1	59.3	52.8	W	54.5
February 1999	73.9	71.6	57.3	51.6	W	53.1	59.7	58.9	50.9	43.9	W	45.7
March 1998	82.0	80.7	63.9	60.6	—	61.6	69.4	68.9	57.1	52.7	W	53.9
Colorado												
March 1999	82.3	80.2	60.4	56.5	W	57.3	65.8	65.2	54.7	49.6	W	50.6
February 1999	76.1	73.6	NA	47.8	W	48.6	60.1	59.2	NA	40.7	W	41.7
March 1998	83.1	81.9	61.9	59.0	—	59.8	69.4	68.9	55.4	51.5	W	52.4

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 ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
Idaho												
March 1999	63.5	63.6	57.7	54.6	—	55.4	73.1	72.8	61.4	59.7	—	60.2
February 1999	56.9	57.1	50.1	46.3	—	47.4	67.4	67.0	54.5	51.2	—	52.2
March 1998	67.4	67.8	56.8	50.0	—	52.3	76.7	76.1	61.3	54.4	—	57.5
Montana												
March 1999	55.8	55.6	50.3	47.8	—	48.1	NA	NA	53.9	50.6	—	50.8
February 1999	51.2	51.5	43.0	38.4	—	39.0	56.8	56.7	47.7	41.3	—	41.7
March 1998	73.7	73.6	58.9	53.6	—	54.2	80.3	80.3	67.7	58.9	—	59.6
Utah												
March 1999	63.0	61.8	59.3	54.4	—	56.3	71.8	71.4	NA	59.4	—	61.8
February 1999	55.1	53.7	49.1	44.9	—	46.6	63.9	63.5	54.7	50.2	—	52.6
March 1998	61.1	60.7	52.2	49.5	—	50.5	69.0	68.0	60.0	55.0	—	57.5
Wyoming												
March 1999	64.3	63.2	58.3	49.9	—	50.8	71.6	71.2	66.5	53.9	—	61.2
February 1999	58.1	58.3	51.0	41.4	—	42.3	66.5	65.5	53.8	47.0	—	50.6
March 1998	71.9	69.9	57.0	51.3	—	52.0	80.7	79.7	63.0	55.5	—	58.3
PAD District V												
March 1999	72.8	71.6	64.4	57.8	NA	59.6	82.0	80.5	70.7	62.3	—	66.9
February 1999	64.0	62.3	53.1	43.2	NA	46.3	73.7	72.9	61.6	NA	—	55.7
March 1998	70.3	69.3	58.0	49.5	45.6	52.3	79.7	78.3	66.2	55.0	—	61.7
Alaska												
March 1999	90.7	91.1	80.6	65.8	W	70.6	101.6	NA	79.4	69.9	—	77.2
February 1999	82.8	83.1	73.7	57.1	W	62.2	95.0	93.4	NA	62.7	—	66.7
March 1998	102.2	102.1	82.9	70.3	W	73.2	103.7	101.4	85.3	W	—	83.1
Arizona												
March 1999	66.6	NA	59.9	55.8	NA	56.7	76.1	76.1	64.9	NA	—	63.0
February 1999	58.1	57.2	47.8	42.1	NA	43.5	67.8	67.9	53.2	47.5	—	50.5
March 1998	76.8	75.9	56.3	50.4	45.7	52.2	86.4	86.1	62.0	57.3	—	60.0
California												
March 1999	—	—	—	63.8	NA	NA	—	—	—	69.4	—	69.4
February 1999	—	—	—	46.3	NA	NA	—	—	—	51.8	—	51.8
March 1998	—	—	—	52.5	48.8	49.4	—	—	—	59.0	—	59.0
Hawaii												
March 1999	99.1	87.4	91.7	83.1	W	89.5	106.8	97.6	95.4	86.5	—	95.0
February 1999	98.9	84.2	87.5	73.8	—	85.3	104.5	94.3	93.9	80.3	—	93.5
March 1998	109.5	95.5	96.5	84.5	—	94.9	116.2	107.0	101.0	W	—	100.7
Nevada												
March 1999	74.3	NA	62.6	60.9	NA	NA	82.2	78.6	NA	65.3	—	67.8
February 1999	64.6	NA	48.7	NA	42.9	46.4	73.4	71.0	57.8	NA	—	NA
March 1998	64.6	64.3	50.5	51.1	49.7	50.9	78.4	78.4	NA	54.7	—	58.3
Oregon												
March 1999	72.2	71.6	64.1	NA	NA	NA	83.2	82.4	69.1	NA	—	NA
February 1999	61.4	60.4	52.2	NA	NA	NA	72.0	71.5	57.1	NA	—	NA
March 1998	64.1	63.5	51.3	46.8	43.7	47.9	74.5	72.7	57.8	53.4	—	55.5
Washington												
March 1999	68.1	68.7	61.3	56.1	NA	58.1	78.8	77.2	67.2	61.7	—	65.0
February 1999	59.4	59.0	49.3	41.3	NA	44.9	71.7	71.2	56.6	47.9	—	53.1
March 1998	63.0	63.2	54.6	48.3	43.0	50.8	74.4	73.6	61.3	54.9	—	58.9

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 ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
Idaho												
March 1999	81.4	79.7	69.2	64.8	—	65.9	66.5	66.2	59.6	56.5	—	57.3
February 1999	75.5	73.9	61.2	56.6	—	58.0	60.1	60.0	52.2	48.2	—	49.4
March 1998	84.2	83.0	67.4	59.9	—	62.8	70.1	70.1	58.8	51.6	—	54.2
Montana												
March 1999	69.2	68.7	61.8	59.3	—	59.6	58.3	58.2	52.7	50.1	—	50.4
February 1999	64.4	64.0	53.1	50.0	—	50.4	53.9	54.0	45.0	40.8	—	41.3
March 1998	84.3	84.3	66.9	65.1	—	65.3	75.9	75.6	60.6	55.8	—	56.4
Utah												
March 1999	80.8	78.5	68.4	63.9	—	66.0	68.0	66.8	62.4	57.1	—	59.4
February 1999	72.6	69.8	58.3	54.6	—	56.3	60.4	58.9	52.3	47.7	—	49.7
March 1998	77.9	76.3	63.1	59.2	—	60.8	65.5	64.7	56.4	52.2	—	53.9
Wyoming												
March 1999	79.1	78.1	70.2	59.6	—	61.4	67.8	66.6	62.2	51.8	—	53.2
February 1999	72.6	71.0	60.0	51.4	—	52.4	61.9	61.5	53.4	43.5	—	44.6
March 1998	84.0	82.1	67.3	60.9	—	61.9	74.8	72.7	59.6	53.1	—	54.0
PAD District V												
March 1999	94.0	92.0	79.0	71.0	NA	NA	76.5	75.1	67.3	59.8	NA	61.8
February 1999	86.2	83.6	70.9	56.7	NA	NA	68.1	66.3	56.8	45.3	NA	49.0
March 1998	91.8	90.0	74.7	62.6	51.5	67.1	74.0	72.9	61.4	51.5	46.3	55.1
Alaska												
March 1999	109.7	109.5	88.4	75.0	—	80.4	93.6	93.8	81.3	66.8	W	71.7
February 1999	101.8	101.8	81.6	68.9	W	72.2	85.6	85.9	74.5	58.9	W	63.6
March 1998	111.4	111.3	92.5	79.2	—	84.9	103.8	103.5	83.9	71.3	W	74.4
Arizona												
March 1999	87.6	87.5	72.0	NA	NA	NA	70.1	69.3	61.8	NA	NA	58.5
February 1999	78.8	78.7	60.3	53.8	NA	56.2	61.6	60.8	49.8	43.7	NA	45.3
March 1998	97.4	97.0	67.0	62.5	—	64.9	80.3	79.4	58.3	52.1	45.7	54.1
California												
March 1999	—	—	—	75.3	NA	NA	—	—	—	65.7	NA	NA
February 1999	—	—	—	58.8	W	NA	—	—	—	48.4	NA	NA
March 1998	—	—	—	65.5	W	54.5	—	—	—	55.1	49.1	50.2
Hawaii												
March 1999	115.1	102.7	103.7	94.1	—	102.5	103.9	92.1	95.5	86.0	W	93.7
February 1999	114.6	100.3	99.1	86.8	—	97.7	103.4	89.0	91.7	77.1	—	89.9
March 1998	125.4	111.5	108.1	96.5	—	107.0	113.9	100.3	100.3	87.4	—	98.9
Nevada												
March 1999	NA	NA	NA	NA	NA	NA	77.6	NA	65.4	62.4	NA	NA
February 1999	82.4	NA	64.0	NA	49.7	NA	68.5	NA	52.2	NA	44.2	48.3
March 1998	81.8	81.8	66.7	60.5	W	61.5	68.0	67.8	53.8	52.6	50.1	52.7
Oregon												
March 1999	92.3	90.8	75.9	NA	NA	NA	75.3	74.5	66.0	NA	NA	NA
February 1999	81.2	79.3	66.1	NA	W	NA	64.6	63.4	54.1	NA	NA	NA
March 1998	82.6	81.1	65.5	61.0	NA	61.6	66.9	66.0	53.6	48.7	45.4	50.0
Washington												
March 1999	89.0	88.8	74.3	70.0	NA	68.0	72.6	72.6	64.0	58.5	NA	60.4
February 1999	81.3	80.0	65.4	55.5	NA	NA	64.4	63.7	52.7	43.8	NA	47.6
March 1998	84.4	84.1	68.7	61.7	NA	64.2	67.5	67.5	57.6	50.5	44.3	53.4

Dash (—) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

^a 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 ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
United States												
March 1999	67.7	67.2	61.3	54.9	-	58.3	74.4	74.2	66.7	56.1	-	60.5
February 1999	58.4	58.0	50.7	46.0	-	48.3	66.8	66.6	55.7	47.6	-	51.4
March 1998	68.4	68.5	58.7	56.1	-	57.3	76.1	76.1	64.5	57.2	-	60.5
PAD District I												
March 1999	-	-	-	-	-	-	-	-	-	-	-	-
February 1999	-	-	-	-	-	-	-	-	-	-	-	-
March 1998	-	-	-	-	-	-	-	-	-	-	-	-
PAD District II												
March 1999	66.6	66.4	61.1	54.7	-	57.1	70.4	70.3	NA	55.7	-	57.5
February 1999	58.5	58.7	50.4	45.3	-	47.1	62.6	62.6	NA	46.1	-	47.9
March 1998	72.2	72.0	64.2	56.0	-	58.5	77.0	77.0	67.8	56.7	-	60.0
PAD District III												
March 1999	65.9	64.9	W	50.1	-	50.0	74.7	74.7	W	56.5	-	56.0
February 1999	56.6	56.7	44.8	44.5	-	44.5	67.1	66.9	50.9	49.3	-	49.5
March 1998	75.1	75.0	W	58.3	-	58.2	85.6	85.6	W	65.8	-	65.0
PAD District IV												
March 1999	NA	NA	NA	52.0	-	53.8	NA	NA	NA	53.9	-	55.6
February 1999	58.0	57.7	NA	44.1	-	45.5	67.6	67.3	51.7	47.9	-	49.4
March 1998	W	W	W	54.3	-	54.4	-	-	W	56.2	-	56.3
PAD District V												
March 1999	69.7	68.7	61.8	NA	-	60.8	80.7	80.3	68.4	65.4	-	68.1
February 1999	58.5	57.4	51.2	48.4	-	50.3	71.6	71.2	57.9	53.6	-	57.0
March 1998	61.4	61.3	55.7	56.2	-	55.8	72.7	72.6	62.3	58.8	-	61.9

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 ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
United States												
March 1999	86.1	85.4	NA	63.1	—	69.5	70.4	69.8	63.7	55.9	—	60.1
February 1999	77.3	76.6	62.8	55.2	—	59.4	61.5	61.1	53.3	47.4	—	50.4
March 1998	84.6	84.4	70.9	63.2	—	67.3	70.6	70.5	60.9	56.9	—	58.8
PAD District I												
March 1999	—	—	—	—	—	—	—	—	—	—	—	—
February 1999	—	—	—	—	—	—	—	—	—	—	—	—
March 1998	—	—	—	—	—	—	—	—	—	—	—	—
PAD District II												
March 1999	78.9	78.5	NA	61.9	—	65.5	68.0	67.7	NA	55.6	—	58.0
February 1999	70.4	70.6	NA	52.2	—	55.3	60.0	60.1	51.9	46.1	—	48.1
March 1998	85.0	84.7	72.2	61.1	—	64.7	73.6	73.4	65.4	56.5	—	59.2
PAD District III												
March 1999	85.6	82.4	58.0	58.6	—	58.5	70.1	68.8	W	51.6	—	51.5
February 1999	76.8	74.7	53.4	53.8	—	53.8	60.0	59.9	46.6	46.2	—	46.2
March 1998	94.0	94.0	W	67.4	—	67.2	79.2	79.2	W	59.9	—	59.7
PAD District IV												
March 1999	NA	NA	NA	58.3	—	61.0	NA	NA	NA	53.2	—	55.2
February 1999	78.1	76.5	NA	53.3	—	55.0	62.6	62.2	NA	46.2	—	47.9
March 1998	W	W	W	61.1	—	61.2	W	W	W	55.5	—	55.6
PAD District V												
March 1999	92.3	91.9	74.7	69.0	—	73.7	73.9	72.8	64.7	NA	—	63.5
February 1999	82.1	81.5	64.7	NA	—	63.1	63.1	61.9	54.3	50.5	—	53.1
March 1998	83.0	82.8	70.6	68.1	—	70.1	64.6	64.4	58.6	58.3	—	58.5

Dash (—) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

^a 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 ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
United States												
March 1999	64.3	64.1	59.5	52.7	50.2	55.4	73.7	73.3	66.1	55.8	W	62.9
February 1999	57.0	56.5	52.2	40.7	39.3	45.6	67.7	67.3	59.2	44.9	W	54.7
March 1998	62.7	62.4	57.3	51.7	49.6	54.1	72.1	71.8	63.1	55.6	W	60.9
PAD District I												
March 1999	56.2	55.9	51.5	45.4	41.3	47.5	66.2	65.6	57.4	49.5	-	54.7
February 1999	52.9	52.2	47.7	38.3	34.4	41.8	63.3	62.6	54.5	42.6	-	50.4
March 1998	63.0	62.6	57.8	51.6	47.7	54.0	72.8	72.3	64.3	55.6	-	61.3
Subdistrict IA												
March 1999	57.2	56.9	52.2	45.4	NA	48.3	67.5	66.9	58.8	49.0	-	54.8
February 1999	54.0	53.3	47.5	38.8	35.1	41.7	65.0	64.2	55.6	42.8	-	50.1
March 1998	64.3	63.7	57.9	52.7	47.3	54.7	74.8	74.0	65.4	56.2	-	61.5
Connecticut												
March 1999	59.1	58.8	53.1	45.4	NA	49.1	70.3	68.0	59.0	49.1	-	55.0
February 1999	54.6	54.2	49.1	38.8	33.3	42.3	67.3	65.0	55.9	43.5	-	50.3
March 1998	64.0	63.7	57.5	52.9	47.4	54.1	74.3	72.7	65.2	57.3	-	62.0
Maine												
March 1999	57.2	57.1	52.2	47.0	W	47.3	67.6	67.4	56.5	51.0	-	53.0
February 1999	53.3	53.1	44.9	40.6	W	41.2	64.0	63.5	50.1	42.6	-	45.2
March 1998	64.0	63.9	57.2	53.8	-	54.8	74.8	74.6	62.2	56.3	-	58.3
Massachusetts												
March 1999	56.3	55.9	51.8	45.1	NA	48.2	66.3	66.3	59.5	48.5	-	55.3
February 1999	54.2	53.0	47.1	38.5	W	41.6	64.4	64.3	56.3	42.6	-	51.0
March 1998	64.9	63.9	58.3	52.6	W	55.3	75.8	75.1	66.2	55.9	-	62.1
New Hampshire												
March 1999	58.7	58.5	53.0	45.2	-	49.8	68.6	68.7	58.3	47.8	-	55.7
February 1999	55.3	55.3	48.3	39.6	-	44.4	65.9	65.8	55.6	40.7	-	51.5
March 1998	64.6	64.5	59.5	54.8	-	57.7	75.5	75.5	65.8	57.0	-	63.8
Rhode Island												
March 1999	53.3	53.2	48.6	45.2	W	46.4	63.3	63.2	NA	48.9	-	52.2
February 1999	49.3	49.2	45.4	37.6	NA	39.9	59.0	58.8	NA	41.6	-	NA
March 1998	60.3	60.2	55.4	50.7	-	52.1	69.7	69.7	61.8	54.1	-	57.7
Subdistrict IB												
March 1999	55.6	55.4	51.4	45.2	40.5	47.0	65.6	65.1	57.4	49.7	-	55.2
February 1999	52.5	52.0	48.0	38.3	34.1	42.0	63.0	62.3	54.6	43.1	-	51.2
March 1998	62.3	62.1	57.8	50.9	47.8	53.6	71.7	71.3	64.2	55.2	-	61.5
Delaware												
March 1999	53.2	52.9	48.3	44.7	-	46.3	63.7	63.3	55.1	48.7	-	52.0
February 1999	49.4	49.0	45.0	38.6	-	41.4	60.5	60.1	52.2	42.4	-	47.8
March 1998	61.1	60.9	53.6	49.0	-	51.0	73.0	72.4	59.7	52.8	-	56.5
District of Columbia												
March 1999	W	55.1	NA	-	-	NA	W	62.8	NA	-	-	NA
February 1999	W	47.4	NA	-	-	NA	W	57.6	NA	-	-	NA
March 1998	W	60.6	61.2	-	-	61.2	W	69.2	NA	-	-	NA
Maryland												
March 1999	55.6	54.4	49.9	45.5	NA	48.4	65.9	63.9	NA	49.9	-	54.5
February 1999	51.0	49.5	46.7	37.5	NA	43.4	61.6	59.3	NA	42.2	-	50.5
March 1998	64.9	63.3	58.5	50.5	W	55.6	74.1	71.7	63.7	54.9	-	61.5
New Jersey												
March 1999	57.0	57.2	52.0	45.1	40.4	45.3	67.8	67.9	58.0	50.1	-	55.2
February 1999	55.6	55.4	49.4	38.6	34.2	40.6	66.8	66.4	55.7	44.0	-	51.4
March 1998	62.4	62.8	57.7	50.7	47.9	52.3	72.4	72.7	64.1	55.8	-	61.1
New York												
March 1999	58.5	58.2	55.3	45.9	41.1	51.2	68.9	67.9	61.4	50.3	-	59.0
February 1999	54.8	54.4	50.8	38.7	32.3	44.6	65.4	64.2	57.6	44.3	-	54.9
March 1998	66.5	66.0	62.3	51.6	46.5	56.7	76.2	75.2	68.8	54.7	-	65.8

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 ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
United States												
March 1999	80.7	79.9	71.4	58.9	51.7	65.5	68.7	68.3	63.2	54.2	50.4	58.3
February 1999	75.0	73.9	65.2	48.8	41.6	57.6	62.0	61.3	56.5	42.7	39.7	49.1
March 1998	80.3	79.7	70.3	60.4	50.5	65.4	67.2	66.8	61.2	53.7	49.8	57.3
PAD District I												
March 1999	74.4	73.2	64.2	53.6	45.6	59.2	61.5	61.0	55.8	47.6	41.9	51.0
February 1999	71.0	69.7	61.0	46.4	37.6	54.0	58.3	57.6	52.5	40.5	34.9	45.7
March 1998	80.6	79.6	70.7	59.8	49.0	64.6	68.1	67.5	62.4	53.7	48.0	57.4
Subdistrict IA												
March 1999	76.2	74.4	64.4	53.0	NA	58.3	61.6	61.1	55.2	47.2	NA	50.7
February 1999	73.4	71.6	60.5	47.0	38.1	52.0	58.7	57.9	51.0	40.7	35.6	44.4
March 1998	83.2	81.3	70.0	61.1	W	65.4	68.5	67.8	61.1	54.5	47.5	57.3
Connecticut												
March 1999	79.3	78.4	65.2	54.2	—	59.8	64.2	63.6	55.9	47.5	NA	51.6
February 1999	75.6	74.7	62.6	47.9	W	53.8	60.1	59.5	52.8	41.0	33.8	45.3
March 1998	83.9	83.0	71.2	62.6	W	66.2	68.7	68.2	60.9	55.0	47.6	56.9
Maine												
March 1999	76.9	76.3	62.7	55.3	—	57.4	60.7	60.5	54.1	48.5	W	49.0
February 1999	73.3	72.8	55.4	48.2	—	50.2	56.9	56.7	46.9	41.9	W	42.8
March 1998	83.5	82.5	68.0	62.4	—	63.9	67.2	67.0	59.1	55.2	—	56.3
Massachusetts												
March 1999	74.4	71.7	64.3	51.7	W	57.7	60.6	60.0	55.2	46.7	NA	50.6
February 1999	72.7	69.9	60.1	46.3	W	51.1	58.7	57.4	50.7	40.4	W	44.2
March 1998	83.3	80.3	69.4	60.5	—	65.6	69.3	68.1	61.6	54.4	W	58.0
New Hampshire												
March 1999	77.0	76.9	65.6	51.9	—	60.5	62.4	62.3	55.8	46.4	—	52.1
February 1999	73.5	73.4	60.7	46.4	—	54.8	59.2	59.1	51.3	40.8	—	46.8
March 1998	83.7	83.6	72.1	60.3	—	67.9	68.3	68.3	62.4	55.8	—	60.0
Rhode Island												
March 1999	71.9	71.6	61.8	54.2	W	56.4	57.5	57.5	NA	47.2	W	48.8
February 1999	67.7	67.3	58.6	46.9	—	51.3	53.5	53.4	NA	39.6	NA	42.7
March 1998	78.1	77.5	68.3	59.2	—	62.3	64.2	64.1	58.9	52.5	—	54.6
Subdistrict IB												
March 1999	73.7	72.8	64.5	53.5	45.1	59.6	61.7	61.2	56.3	47.6	41.2	51.1
February 1999	70.6	69.5	61.5	45.9	37.5	54.9	58.8	58.0	53.4	40.6	34.7	46.5
March 1998	79.7	79.0	71.2	58.9	48.9	64.3	67.9	67.5	62.9	53.2	48.1	57.6
Delaware												
March 1999	72.4	71.5	62.4	53.9	—	57.8	57.8	57.4	51.7	46.7	—	48.9
February 1999	69.0	67.8	59.4	46.9	—	52.8	54.3	53.7	48.6	40.4	—	44.1
March 1998	80.8	79.7	66.9	58.2	—	62.2	65.9	65.4	56.7	51.0	—	53.6
District of Columbia												
March 1999	W	68.7	NA	—	—	NA	W	60.3	NA	—	—	NA
February 1999	W	61.4	NA	—	—	NA	W	53.0	NA	—	—	NA
March 1998	W	74.1	NA	—	—	NA	W	65.3	66.1	—	—	66.1
Maryland												
March 1999	71.5	68.9	60.6	54.9	NA	58.9	60.3	58.8	53.7	48.2	NA	52.0
February 1999	67.1	64.2	NA	46.7	W	54.0	55.9	54.0	50.8	40.1	W	47.2
March 1998	80.1	77.4	67.9	59.4	—	65.6	69.1	67.3	61.9	52.9	W	59.0
New Jersey												
March 1999	76.1	76.0	65.3	53.0	44.8	57.9	63.4	63.3	56.8	47.4	41.0	48.8
February 1999	74.6	74.2	63.1	45.7	37.7	53.4	62.1	61.7	54.5	40.8	34.7	44.6
March 1998	81.4	81.4	71.5	58.9	48.7	63.1	68.4	68.7	62.6	53.1	48.1	55.8
New York												
March 1999	74.5	73.4	67.7	53.7	45.8	63.0	65.1	64.4	60.9	48.5	43.5	56.3
February 1999	70.5	69.3	63.9	45.9	37.3	58.0	61.5	60.7	57.4	41.1	34.2	50.8
March 1998	80.5	79.8	75.0	58.2	49.2	65.4	72.2	71.5	68.6	53.6	48.5	61.3

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	Regular						Midgrade					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
Pennsylvania												
March 1999	51.3	51.2	46.1	44.4	—	45.4	61.3	61.1	51.4	48.1	—	50.3
February 1999	47.6	47.4	42.8	37.8	—	40.8	58.7	58.5	48.6	41.2	—	46.0
March 1998	56.5	56.4	51.1	51.8	—	51.3	66.3	66.2	56.9	55.5	—	56.4
Subdistrict IC												
March 1999	55.3	54.9	49.8	45.9	—	47.6	65.6	64.9	54.9	49.9	—	52.7
February 1999	50.9	50.2	46.2	36.9	—	41.0	61.0	60.6	51.9	40.9	—	47.1
March 1998	62.3	61.9	57.6	50.8	W	53.5	72.7	72.0	63.2	55.5	—	59.7
Virginia												
March 1999	55.3	54.9	49.8	45.9	—	47.6	65.6	64.9	54.9	49.9	—	52.7
February 1999	50.9	50.2	46.2	36.9	—	41.0	61.0	60.6	51.9	40.9	—	47.1
March 1998	62.3	61.9	57.6	50.8	W	53.5	72.7	72.0	63.2	55.5	—	59.7
PAD District II												
March 1999	64.5	64.2	58.3	52.6	—	55.4	73.7	73.3	63.2	56.1	—	61.6
February 1999	54.4	54.2	47.6	40.8	—	44.1	63.8	63.5	NA	43.6	—	50.9
March 1998	64.8	64.7	58.9	53.7	W	56.4	74.3	74.0	65.0	57.0	—	62.8
Illinois												
March 1999	65.7	65.5	NA	52.2	—	57.1	74.5	74.0	63.8	56.1	—	62.8
February 1999	56.2	56.1	NA	41.1	—	46.0	65.8	65.4	NA	44.4	—	NA
March 1998	64.8	64.8	59.8	54.1	—	57.9	74.8	74.3	65.1	57.0	—	63.8
Indiana												
March 1999	60.4	60.4	56.9	53.3	—	54.7	69.8	69.8	NA	57.2	—	58.6
February 1999	49.3	49.4	45.9	41.4	—	43.2	58.0	57.9	NA	45.4	—	47.7
March 1998	64.4	63.9	58.5	55.0	—	56.5	73.2	72.9	64.0	58.6	—	60.8
Kentucky												
March 1999	63.9	63.3	55.6	52.1	—	53.6	73.6	73.4	NA	55.3	—	57.6
February 1999	49.3	49.1	45.0	37.5	—	40.6	59.7	59.8	50.2	40.5	—	44.7
March 1998	63.3	63.0	58.6	51.0	—	54.8	73.1	73.1	66.4	54.7	—	61.4
Wisconsin												
March 1999	62.4	62.3	53.7	53.1	—	53.3	71.5	71.5	59.9	56.7	—	58.4
February 1999	54.6	54.3	43.5	41.9	—	42.5	63.0	62.6	51.1	45.1	—	48.4
March 1998	66.3	66.2	55.9	54.2	W	54.7	74.4	74.5	NA	57.9	—	60.3
PAD District III												
March 1999	51.7	51.6	NA	45.4	37.4	42.2	63.0	63.1	NA	49.6	—	51.6
February 1999	48.2	48.0	42.7	36.1	32.3	36.8	60.1	60.0	NA	40.3	—	44.5
March 1998	58.6	58.6	54.1	49.3	45.7	49.7	70.0	70.0	60.9	53.1	—	55.8
Texas												
March 1999	51.7	51.6	NA	45.4	38.4	42.6	63.0	63.1	NA	49.6	—	51.6
February 1999	48.2	48.0	42.7	36.1	32.6	37.0	60.1	60.0	NA	40.3	—	44.5
March 1998	58.6	58.6	54.1	49.3	45.7	49.7	70.0	70.0	60.9	53.1	—	55.8
PAD District V												
March 1999	75.7	75.1	70.9	NA	NA	69.6	83.5	83.4	75.6	74.0	W	75.3
February 1999	64.8	63.8	58.9	48.5	45.6	53.4	75.1	74.7	65.3	53.9	W	62.9
March 1998	63.1	62.8	56.6	52.7	52.6	55.0	71.6	71.5	61.9	57.2	W	61.0
Arizona												
March 1999	72.3	72.2	NA	NA	—	NA	81.9	81.9	NA	NA	—	NA
February 1999	59.5	59.5	NA	49.5	—	NA	69.4	69.4	NA	NA	—	NA
March 1998	70.4	69.9	62.4	56.2	—	60.8	79.9	79.8	68.0	62.2	—	67.2
California												
March 1999	76.0	75.3	71.0	NA	NA	69.6	83.6	83.5	75.7	74.0	W	75.3
February 1999	65.3	64.2	59.0	48.5	45.6	53.4	75.4	75.1	65.3	53.9	W	62.9
March 1998	62.2	61.8	56.3	52.6	52.6	54.7	70.9	70.8	61.7	57.1	W	60.8

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 ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
Pennsylvania												
March 1999	69.5	68.8	58.1	52.9	W	56.2	57.0	56.7	49.8	46.6	W	48.6
February 1999	66.2	65.3	54.8	45.3	—	51.7	53.7	53.3	46.7	39.7	—	44.0
March 1998	74.3	73.6	63.1	60.4	W	62.2	61.8	61.5	54.8	54.0	W	54.5
Subdistrict IC												
March 1999	73.9	73.0	NA	55.3	—	58.6	60.9	60.3	54.0	48.5	—	51.2
February 1999	68.2	67.3	NA	46.6	W	52.5	56.4	55.7	50.8	39.6	W	45.0
March 1998	80.0	79.0	68.7	60.7	—	65.1	67.5	67.0	61.8	53.4	W	57.2
Virginia												
March 1999	73.9	73.0	NA	55.3	—	58.6	60.9	60.3	54.0	48.5	—	51.2
February 1999	68.2	67.3	NA	46.6	W	52.5	56.4	55.7	50.8	39.6	W	45.0
March 1998	80.0	79.0	68.7	60.7	—	65.1	67.5	67.0	61.8	53.4	W	57.2
PAD District II												
March 1999	82.2	80.6	NA	61.5	—	66.5	68.4	68.0	61.6	54.3	—	58.3
February 1999	72.2	71.1	NA	49.7	—	56.1	58.6	58.3	NA	42.5	—	47.2
March 1998	81.4	80.7	69.9	62.2	W	66.7	68.6	68.3	62.0	55.3	W	59.1
Illinois												
March 1999	83.0	81.6	NA	61.2	—	NA	69.7	69.4	NA	54.1	—	60.5
February 1999	73.8	72.8	NA	49.9	—	NA	60.6	60.4	NA	43.0	—	49.8
March 1998	81.4	80.6	70.2	62.5	W	67.9	68.8	68.7	63.1	55.8	W	60.9
Indiana												
March 1999	77.6	77.1	NA	62.4	—	65.3	64.1	63.9	59.8	55.2	—	57.1
February 1999	66.2	65.8	NA	51.0	—	54.5	53.3	53.1	49.2	43.6	—	45.9
March 1998	80.6	79.7	69.6	64.0	W	64.6	67.9	67.3	61.3	56.9	W	58.6
Kentucky												
March 1999	82.9	79.5	67.2	60.7	—	63.5	68.2	67.5	58.2	53.9	—	55.7
February 1999	69.0	67.3	56.6	47.0	—	51.2	54.1	53.9	48.0	39.6	—	43.1
March 1998	82.3	82.1	71.3	59.9	—	65.6	67.6	67.3	61.8	52.9	—	57.4
Wisconsin												
March 1999	78.1	77.6	63.7	62.3	—	62.9	64.8	64.6	55.6	54.3	—	54.9
February 1999	69.0	68.7	54.2	51.1	—	52.5	56.9	56.5	45.8	43.2	—	44.2
March 1998	80.3	80.0	65.9	62.5	—	63.9	68.5	68.3	57.8	55.3	W	56.2
PAD District III												
March 1999	70.7	70.6	NA	55.1	NA	54.2	57.1	57.0	NA	47.8	38.5	45.4
February 1999	68.5	68.1	NA	46.3	NA	48.0	53.9	53.6	47.4	38.6	33.2	39.6
March 1998	77.3	77.3	67.0	58.9	W	61.0	63.8	63.7	58.0	51.5	46.2	52.3
Texas												
March 1999	70.7	70.6	NA	55.1	NA	54.8	57.1	57.0	NA	47.8	39.8	45.8
February 1999	68.5	68.1	NA	46.3	NA	48.0	53.9	53.7	47.4	38.6	33.6	39.9
March 1998	77.3	77.3	67.0	58.9	W	61.0	63.8	63.7	58.0	51.5	46.3	52.4
PAD District V												
March 1999	92.7	92.3	84.2	79.0	NA	81.7	79.6	79.0	74.3	NA	NA	72.3
February 1999	83.9	82.2	73.8	59.0	49.7	68.3	69.6	68.6	63.0	50.5	46.0	57.1
March 1998	81.0	80.7	70.0	63.5	56.2	68.0	67.3	66.9	60.1	54.5	52.9	57.9
Arizona												
March 1999	92.0	92.0	NA	NA	—	NA	76.5	76.4	NA	NA	—	NA
February 1999	79.3	79.3	NA	NA	—	NA	64.0	64.0	NA	51.0	—	NA
March 1998	89.6	89.5	75.0	67.3	—	73.7	74.5	73.9	65.4	57.9	—	63.7
California												
March 1999	92.7	92.3	84.3	79.0	NA	81.7	79.9	79.2	74.3	NA	NA	72.3
February 1999	84.3	82.5	73.8	59.0	49.7	68.3	70.2	69.0	63.0	50.5	46.0	57.1
March 1998	79.9	79.6	69.7	63.3	56.2	67.8	66.4	66.0	59.9	54.4	52.9	57.7

Dash (—) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

^a 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 ^a		Through Retail Outlets	Other End Users ^a		Through Retail Outlets	Other End Users ^a		Through Retail Outlets	Other End Users ^a	
United States												
March 1999	61.3	46.8	49.2	70.8	50.5	56.8	78.1	53.3	60.2	65.5	48.1	51.9
February 1999	52.7	38.4	39.6	62.9	41.2	47.8	71.1	45.0	51.4	57.5	39.7	42.6
March 1998	61.7	51.4	49.7	71.2	52.6	56.4	79.4	58.3	61.1	66.0	52.5	52.3
PAD District I												
March 1999	52.5	43.1	45.6	62.9	44.9	51.8	71.4	49.3	57.3	58.3	44.3	48.9
February 1999	48.2	35.2	38.1	59.0	38.7	45.2	67.5	41.3	50.4	54.3	36.5	41.8
March 1998	57.9	48.1	49.5	68.2	51.1	55.7	76.7	55.2	61.1	63.4	49.5	52.9
Subdistrict IA												
March 1999	58.9	46.2	48.0	70.2	56.0	55.0	79.5	NA	59.4	65.1	47.5	50.8
February 1999	57.4	41.7	41.6	68.9	50.5	50.3	78.3	53.4	53.4	63.8	42.7	44.7
March 1998	66.8	49.5	53.6	77.8	W	60.9	86.5	-	65.4	72.7	49.9	56.5
Connecticut												
March 1999	W	W	47.9	W	W	54.9	W	-	59.7	W	W	51.0
February 1999	W	W	41.4	W	W	50.7	W	W	53.7	W	W	44.9
March 1998	W	W	53.1	W	W	61.0	W	-	64.9	W	W	56.2
Maine												
March 1999	-	-	46.8	-	-	51.2	-	-	56.3	-	-	48.5
February 1999	-	-	38.2	-	-	42.7	-	-	47.3	-	-	39.9
March 1998	-	-	50.5	-	-	54.7	-	-	59.8	-	-	52.0
Massachusetts												
March 1999	59.7	W	48.7	69.9	W	56.3	79.3	NA	60.1	65.5	48.9	51.6
February 1999	57.9	45.0	42.8	68.7	-	52.0	77.9	NA	54.6	64.1	45.2	46.0
March 1998	67.8	47.4	55.3	78.0	-	62.6	86.5	-	67.3	73.5	47.4	58.5
New Hampshire												
March 1999	58.7	-	49.5	69.7	-	55.5	77.4	-	61.4	63.9	-	52.1
February 1999	56.9	-	44.8	68.5	-	51.9	76.6	-	57.1	62.5	-	47.6
March 1998	65.8	W	58.6	77.3	-	64.5	85.0	-	71.1	71.1	W	61.5
Rhode Island												
March 1999	54.4	W	46.5	64.2	-	52.7	W	-	57.9	59.8	W	49.1
February 1999	51.9	W	39.9	62.1	-	NA	W	-	51.8	57.5	W	42.8
March 1998	60.7	W	52.0	69.9	-	57.8	79.2	-	62.5	65.7	W	54.5
Vermont												
March 1999	-	57.6	47.9	-	W	53.7	-	67.2	57.6	-	60.7	49.9
February 1999	-	NA	41.0	-	W	47.7	-	59.0	51.7	-	NA	43.3
March 1998	-	-	50.8	-	-	56.6	-	-	62.3	-	-	53.2
Subdistrict IB												
March 1999	52.9	43.4	45.6	63.0	46.0	53.4	73.0	50.2	58.3	58.7	44.6	49.3
February 1999	49.5	37.6	39.2	60.3	40.4	48.7	70.5	44.5	52.5	55.8	38.8	43.3
March 1998	58.6	50.5	50.6	68.6	53.8	58.6	78.9	57.5	62.7	64.2	51.7	54.5
Delaware												
March 1999	55.0	46.4	46.4	67.8	W	51.8	76.7	W	58.1	61.4	47.0	49.1
February 1999	53.7	40.3	41.0	67.0	-	47.0	76.2	W	52.9	60.5	41.1	43.8
March 1998	59.8	53.8	50.2	72.9	-	55.7	81.2	W	61.7	66.2	54.2	52.9
District of Columbia												
March 1999	-	W	NA	-	W	NA	-	W	NA	-	44.2	NA
February 1999	-	W	NA	-	W	NA	-	W	NA	-	38.4	NA
March 1998	-	50.4	61.4	-	W	NA	-	W	NA	-	51.4	66.2
Maryland												
March 1999	-	41.5	48.0	-	44.4	54.0	-	48.6	58.8	-	43.3	51.6
February 1999	-	35.1	42.8	-	38.1	49.8	-	41.5	53.7	-	36.5	46.7
March 1998	W	49.0	54.6	W	W	60.7	W	56.2	65.0	W	50.4	58.1
New Jersey												
March 1999	57.8	41.8	44.9	69.0	W	55.2	77.7	W	58.5	64.9	W	48.6
February 1999	56.3	W	39.4	67.9	W	51.3	76.4	W	52.7	63.6	W	43.4
March 1998	62.4	48.7	51.4	72.2	W	60.3	82.3	W	63.2	69.1	49.8	55.3
New York												
March 1999	52.3	W	47.9	63.7	W	56.9	72.9	54.4	61.9	57.8	46.3	52.4
February 1999	48.7	W	40.9	61.1	44.6	52.0	70.1	51.2	56.5	54.8	41.5	46.3
March 1998	58.6	W	51.9	70.7	57.2	62.0	79.9	60.0	64.4	64.2	54.1	56.6
Pennsylvania												
March 1999	50.7	44.9	43.3	59.5	W	48.3	68.7	55.6	52.3	55.6	45.9	45.5
February 1999	46.5	38.9	35.6	56.1	W	41.8	65.3	W	45.4	51.8	39.5	38.2
March 1998	56.3	49.8	47.0	65.6	57.0	52.3	74.4	61.1	56.9	61.1	51.1	49.3

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 ^a		Through Retail Outlets	Other End Users ^a		Through Retail Outlets	Other End Users ^a		Through Retail Outlets	Other End Users ^a	
Subdistrict IC												
March 1999	51.8	43.0	44.9	62.3	44.6	50.3	70.0	49.1	56.0	57.6	44.2	48.2
February 1999	46.8	34.7	36.2	57.8	38.3	42.2	65.4	40.7	47.9	52.9	36.0	39.7
March 1998	57.0	47.2	47.6	67.4	50.4	53.0	74.9	54.6	58.7	62.4	48.8	50.7
Florida												
March 1999	52.7	42.5	45.2	64.1	44.4	51.2	70.5	48.2	57.2	59.0	43.4	49.1
February 1999	48.2	35.5	37.2	60.0	38.4	44.0	66.3	42.1	50.3	54.7	36.5	41.5
March 1998	57.2	46.7	47.8	68.0	50.1	53.6	75.1	53.8	60.0	63.1	48.1	51.7
Georgia												
March 1999	50.4	42.4	44.6	60.5	44.6	49.7	69.3	48.6	55.0	56.2	44.1	47.6
February 1999	45.3	34.1	35.3	55.6	37.3	41.3	64.7	41.8	45.9	51.5	36.3	38.3
March 1998	53.4	46.9	46.4	63.8	49.6	51.9	72.1	54.2	56.8	59.0	48.9	49.2
North Carolina												
March 1999	49.6	43.6	44.4	59.8	44.4	49.1	68.2	49.6	54.5	54.8	44.7	47.3
February 1999	43.1	34.2	35.0	53.7	37.7	39.4	62.1	39.5	44.9	48.6	35.3	37.8
March 1998	55.8	47.1	46.8	65.7	50.8	51.3	74.0	54.4	56.8	60.6	48.2	49.4
South Carolina												
March 1999	48.3	41.8	44.4	57.8	W	49.3	67.4	47.6	54.8	53.3	42.9	47.2
February 1999	42.2	34.5	34.9	52.2	W	39.8	60.8	39.8	45.1	47.2	35.5	37.7
March 1998	54.8	46.8	46.7	64.3	W	51.6	72.6	54.9	56.9	59.3	48.8	49.2
Virginia												
March 1999	53.6	43.2	45.7	63.6	W	51.1	70.3	49.3	56.9	59.0	44.6	49.0
February 1999	49.7	34.8	37.8	60.4	W	44.0	66.4	41.5	49.6	55.4	36.7	41.4
March 1998	61.7	49.6	49.8	72.7	W	55.4	79.3	W	61.0	67.2	51.2	53.1
West Virginia												
March 1999	54.7	49.3	45.8	63.7	W	52.2	72.7	59.5	56.4	58.3	51.1	48.2
February 1999	48.1	38.7	36.0	57.5	W	43.2	66.4	W	47.8	52.0	40.0	38.8
March 1998	64.0	50.4	47.6	73.6	W	53.8	82.5	W	58.1	67.8	52.1	49.9
PAD District II												
March 1999	61.1	47.7	48.0	70.6	51.0	54.6	77.6	54.9	58.4	64.5	49.2	50.0
February 1999	50.2	39.3	37.3	59.3	40.5	43.9	67.0	46.0	47.8	53.9	40.6	39.4
March 1998	63.6	56.3	49.7	72.5	56.9	56.0	79.5	61.6	59.7	66.9	56.9	51.5
Illinois												
March 1999	63.8	47.4	49.6	73.3	NA	NA	80.4	W	64.0	67.8	NA	53.0
February 1999	54.8	40.5	38.7	63.8	NA	NA	71.5	W	52.5	59.1	NA	42.1
March 1998	64.2	55.5	50.8	73.5	W	59.8	80.2	W	63.7	68.1	57.4	53.8
Indiana												
March 1999	60.5	46.1	46.6	69.5	W	52.9	76.2	52.5	58.5	63.8	46.4	48.9
February 1999	48.6	38.8	35.8	56.8	—	41.6	64.2	43.5	47.7	52.2	39.0	38.3
March 1998	62.6	52.7	49.1	70.3	W	54.4	76.1	W	59.7	65.6	52.8	51.1
Iowa												
March 1999	57.1	W	48.6	W	—	53.7	W	—	57.6	58.2	W	49.8
February 1999	49.7	W	38.5	W	—	43.9	W	NA	47.6	50.9	W	39.6
March 1998	62.8	51.9	51.4	70.7	—	56.8	72.1	W	59.4	63.8	52.9	52.6
Kansas												
March 1999	54.9	46.9	46.7	63.7	W	52.2	71.0	50.4	53.8	57.4	47.4	47.5
February 1999	46.9	42.3	37.0	55.8	W	42.8	62.8	43.1	44.0	49.5	42.3	37.9
March 1998	60.1	54.1	49.3	69.0	—	55.9	74.8	W	57.2	62.4	54.3	50.1
Kentucky												
March 1999	W	43.9	48.5	75.3	46.5	52.7	W	54.1	57.9	69.3	47.2	50.6
February 1999	W	36.6	36.2	61.6	37.5	40.3	71.3	NA	46.2	W	40.5	38.6
March 1998	64.5	51.8	48.5	73.9	W	53.1	82.7	55.8	58.1	68.5	52.2	50.7
Michigan												
March 1999	56.8	NA	47.7	65.0	W	53.7	72.2	W	59.1	59.2	NA	49.8
February 1999	46.7	NA	36.3	54.7	W	42.7	62.3	W	48.0	49.4	NA	38.6
March 1998	61.1	58.5	49.0	69.5	53.3	55.7	76.9	66.4	60.4	63.6	59.5	51.1
Minnesota												
March 1999	70.6	54.5	53.1	76.3	—	56.5	83.7	—	62.4	72.6	54.5	54.5
February 1999	59.6	45.4	43.5	65.8	—	47.0	73.1	—	52.1	61.8	45.4	44.8
March 1998	75.2	59.0	54.5	81.5	W	58.1	89.0	—	61.5	77.2	59.1	55.6
Missouri												
March 1999	NA	48.1	46.6	NA	NA	NA	W	51.6	55.6	NA	48.5	48.1
February 1999	46.7	42.3	36.4	NA	NA	NA	NA	44.3	45.4	NA	42.5	37.9
March 1998	58.1	59.6	48.9	67.7	W	54.6	77.0	W	57.9	61.5	59.7	50.3

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 ^a		Through Retail Outlets	Other End Users ^a		Through Retail Outlets	Other End Users ^a		Through Retail Outlets	Other End Users ^a	
Nebraska												
March 1999	53.7	48.4	48.8	W	—	53.9	W	W	56.7	55.1	48.3	49.6
February 1999	43.7	37.5	38.6	W	—	44.6	W	W	47.1	45.4	37.6	39.6
March 1998	60.7	W	51.3	70.4	—	57.0	69.2	—	59.8	61.8	W	52.2
North Dakota												
March 1999	W	W	49.4	W	—	NA	W	—	59.3	W	W	50.4
February 1999	W	W	40.0	W	—	NA	W	W	49.6	W	W	41.1
March 1998	W	W	51.8	—	—	60.7	W	—	61.5	W	W	52.8
Ohio												
March 1999	65.5	W	50.3	74.8	W	56.7	84.3	59.3	61.9	69.1	52.0	52.6
February 1999	50.2	W	37.2	59.9	W	43.8	68.9	49.7	49.4	54.1	W	39.7
March 1998	65.6	58.9	50.0	74.8	W	56.6	83.4	62.5	61.9	69.1	59.2	52.3
Oklahoma												
March 1999	NA	45.7	45.2	NA	W	48.8	69.0	49.9	51.8	NA	46.4	46.1
February 1999	45.7	39.4	35.5	53.0	W	39.3	60.9	43.7	43.2	49.0	40.1	36.5
March 1998	58.2	50.9	48.3	65.1	W	51.0	71.8	55.6	54.8	60.9	51.7	48.9
South Dakota												
March 1999	59.8	45.8	50.2	W	—	55.1	W	W	59.3	61.5	46.5	51.2
February 1999	51.7	38.3	40.0	W	—	45.7	W	W	49.0	54.3	38.9	41.1
March 1998	72.5	49.9	51.8	W	—	58.3	79.9	—	60.3	72.8	49.9	52.8
Tennessee												
March 1999	53.8	W	45.0	64.1	W	49.7	71.3	W	55.2	59.3	W	47.8
February 1999	NA	W	35.2	NA	W	40.1	64.5	W	45.2	NA	W	38.1
March 1998	60.8	50.6	46.9	69.9	W	51.9	78.4	55.0	56.9	66.0	51.2	49.7
Wisconsin												
March 1999	60.8	48.0	48.5	69.4	—	54.6	76.2	W	58.4	63.1	48.6	49.9
February 1999	52.2	34.3	37.4	60.4	—	44.1	66.7	W	47.4	54.5	35.1	38.9
March 1998	63.8	47.6	49.8	72.4	W	56.3	77.9	W	59.2	66.0	48.1	51.2
PAD District III												
March 1999	NA	43.1	42.5	63.4	44.3	49.8	70.6	50.4	52.2	NA	44.1	44.5
February 1999	48.2	34.3	34.7	59.4	36.8	41.0	67.2	40.6	44.0	53.5	35.7	36.7
March 1998	59.8	47.3	46.6	70.9	49.7	52.5	78.2	54.6	56.2	64.7	48.2	48.3
Alabama												
March 1999	52.8	40.6	45.0	63.3	43.5	49.8	72.3	49.6	55.7	58.4	42.7	48.0
February 1999	48.9	34.7	35.4	59.3	36.9	40.4	68.0	42.6	45.8	54.5	36.6	38.4
March 1998	60.6	46.8	46.9	70.3	W	51.8	79.4	55.3	57.2	65.6	48.9	49.7
Arkansas												
March 1999	NA	W	44.8	NA	W	49.3	NA	W	52.5	NA	W	46.8
February 1999	45.3	W	35.5	55.5	W	39.5	64.4	W	44.0	49.8	W	37.5
March 1998	60.1	W	47.1	69.8	—	51.0	79.1	—	54.9	64.0	W	48.8
Louisiana												
March 1999	52.6	40.2	42.3	64.2	W	50.4	71.2	46.8	50.0	58.4	41.5	44.6
February 1999	49.0	34.4	33.9	58.8	W	41.5	68.2	40.7	41.1	54.6	35.7	36.4
March 1998	61.2	47.4	45.9	72.8	W	52.4	81.1	52.8	53.9	66.9	48.2	48.2
Mississippi												
March 1999	50.4	42.3	41.6	61.2	44.4	48.9	67.8	50.4	50.9	54.8	44.1	44.1
February 1999	46.6	33.3	34.7	55.4	37.1	39.1	63.4	41.5	43.5	50.9	35.0	37.0
March 1998	58.0	46.1	45.7	67.9	W	50.7	75.8	54.2	55.7	62.2	47.8	47.9
New Mexico												
March 1999	61.8	W	51.1	71.3	—	56.1	80.2	W	60.2	65.1	53.2	52.8
February 1999	56.9	W	42.7	66.2	—	47.2	75.3	—	52.2	60.2	W	44.4
March 1998	70.2	W	52.4	79.6	—	57.1	87.8	—	61.9	73.3	W	54.0
Texas												
March 1999	NA	44.0	41.7	NA	45.2	49.7	NA	51.6	51.6	NA	44.7	43.4
February 1999	47.3	34.2	34.3	59.1	36.7	41.3	66.7	39.1	44.3	52.8	35.3	36.1
March 1998	58.6	47.4	46.4	70.1	49.7	53.0	77.2	54.4	56.8	63.7	47.9	47.8
PAD District IV												
March 1999	58.1	NA	50.8	NA	NA	56.6	NA	NA	60.6	64.3	NA	53.1
February 1999	52.3	NA	42.2	64.5	NA	48.1	74.3	NA	52.1	58.5	NA	44.6
March 1998	59.3	48.1	50.7	70.8	52.3	54.9	80.1	57.9	60.5	64.8	50.5	52.7
Colorado												
March 1999	NA	47.2	48.6	NA	W	53.5	80.6	NA	57.1	NA	47.3	50.6
February 1999	52.5	42.3	40.1	65.2	W	45.1	75.3	W	49.2	59.0	43.1	42.3
March 1998	59.2	49.9	50.7	71.6	—	54.6	80.8	W	59.7	64.9	51.2	52.5

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 ^a		Through Retail Outlets	Other End Users ^a		Through Retail Outlets	Other End Users ^a		Through Retail Outlets	Other End Users ^a	
Idaho												
March 1999	59.2	NA	54.6	69.2	NA	59.6	W	W	64.7	61.3	NA	56.4
February 1999	50.4	W	46.3	63.2	NA	51.1	70.8	W	56.6	53.1	W	48.2
March 1998	61.7	W	50.3	71.5	W	55.6	79.9	W	60.6	63.8	W	52.1
Montana												
March 1999	W	46.5	47.5	W	—	W	W	W	59.0	W	47.4	49.9
February 1999	W	W	38.3	W	—	41.5	W	—	50.0	W	W	40.8
March 1998	W	54.9	53.4	W	—	W	W	W	64.9	W	55.6	55.7
Utah												
March 1999	58.7	NA	54.0	69.4	NA	59.7	79.0	W	64.1	65.1	NA	56.8
February 1999	52.3	NA	45.3	62.8	NA	51.5	72.2	NA	55.4	58.6	NA	48.2
March 1998	57.8	47.7	48.8	68.5	52.3	54.3	77.8	W	58.7	63.9	50.3	51.4
Wyoming												
March 1999	60.2	47.9	50.0	NA	—	57.2	W	W	W	63.5	54.3	52.0
February 1999	52.5	W	41.6	62.2	—	50.3	W	W	51.6	56.1	W	43.7
March 1998	67.5	57.1	51.2	78.3	—	53.8	82.9	W	60.8	70.7	60.4	53.0
PAD District V												
March 1999	76.6	58.7	66.5	87.4	70.1	73.4	97.1	69.7	79.7	81.0	60.7	69.5
February 1999	64.0	47.6	51.9	75.5	52.0	61.8	85.7	57.5	67.2	68.9	49.0	55.7
March 1998	64.7	53.8	54.2	74.0	57.0	61.4	85.2	66.8	68.5	68.9	55.9	57.4
Alaska												
March 1999	91.7	78.7	66.3	NA	—	79.1	110.9	87.0	78.6	NA	79.4	68.0
February 1999	82.3	77.6	58.8	94.4	—	74.3	101.4	W	71.2	85.6	78.2	60.9
March 1998	107.7	NA	68.9	107.1	—	85.2	112.4	W	84.8	108.6	81.8	71.0
Arizona												
March 1999	69.2	58.6	60.2	79.8	—	66.8	90.4	W	73.2	73.4	59.7	62.6
February 1999	56.9	49.3	46.9	68.0	—	54.7	78.3	W	61.2	61.4	49.8	49.7
March 1998	68.4	55.6	56.7	78.1	W	65.0	88.3	W	71.3	72.1	57.3	59.4
California												
March 1999	80.5	NA	70.5	90.4	NA	75.8	99.4	W	81.8	84.8	NA	73.2
February 1999	66.9	W	54.4	77.8	W	63.7	87.3	W	68.6	71.8	W	58.2
March 1998	62.4	54.2	54.9	72.4	NA	60.9	81.6	NA	68.0	66.8	55.0	58.0
Hawaii												
March 1999	102.8	W	89.6	NA	W	95.1	116.8	W	102.5	107.2	W	93.8
February 1999	101.8	W	84.6	NA	W	93.5	115.7	W	97.2	105.9	W	89.5
March 1998	113.1	W	94.3	118.6	W	100.7	126.3	W	106.6	117.1	W	98.6
Nevada												
March 1999	70.0	62.8	61.1	82.6	—	66.8	92.3	—	NA	74.8	62.8	63.6
February 1999	57.4	50.0	48.4	71.6	—	55.4	82.0	—	NA	63.1	50.0	51.4
March 1998	57.6	59.2	52.3	70.8	—	58.5	79.4	—	65.8	62.6	59.2	55.1
Oregon												
March 1999	73.5	60.1	NA	84.7	—	NA	94.8	W	NA	77.1	61.1	NA
February 1999	63.0	49.3	44.4	75.6	—	NA	86.0	W	NA	67.1	50.5	NA
March 1998	60.9	W	47.6	72.5	—	55.7	83.4	—	62.6	64.3	W	49.8
Washington												
March 1999	66.1	W	57.2	78.3	—	65.3	88.9	—	72.0	70.7	W	60.1
February 1999	55.5	W	45.3	69.5	—	54.6	79.8	—	61.8	60.6	W	48.6
March 1998	59.2	46.8	50.2	71.7	W	59.4	82.5	—	64.6	63.5	47.3	53.0

Dash (—) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

^a 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
United States						
March 1999	89.7	86.1	39.4	39.3	50.4	44.0
February 1999	85.0	78.9	36.3	35.0	46.8	38.3
March 1998	98.2	90.4	45.3	45.7	65.3	47.6
PAD District I						
March 1999	91.1	84.8	38.8	39.9	65.6	43.8
February 1999	87.0	78.2	34.9	34.9	61.6	38.5
March 1998	99.4	89.4	45.6	46.9	71.5	48.0
Subdistrict IA						
March 1999	W	W	40.9	42.1	73.1	44.7
February 1999	W	NA	36.7	39.1	71.9	38.4
March 1998	W	W	48.5	49.3	NA	50.1
Connecticut						
March 1999	W	W	NA	NA	W	W
February 1999	W	82.5	NA	NA	W	W
March 1998	W	W	48.9	W	W	W
Maine						
March 1999	W	W	W	W	–	44.4
February 1999	W	W	W	W	–	36.4
March 1998	W	–	W	W	–	49.7
Massachusetts						
March 1999	W	W	40.3	41.3	W	W
February 1999	W	W	35.8	38.5	W	W
March 1998	W	W	47.8	49.5	57.5	W
New Hampshire						
March 1999	W	W	41.7	W	W	W
February 1999	W	W	W	W	W	W
March 1998	W	W	51.2	W	W	W
Rhode Island						
March 1999	W	NA	W	W	W	NA
February 1999	–	NA	W	W	W	NA
March 1998	W	W	W	W	–	W
Vermont						
March 1999	–	W	W	W	93.5	W
February 1999	–	W	W	W	88.6	W
March 1998	–	NA	W	W	W	W
Subdistrict IB						
March 1999	W	NA	38.9	39.8	63.0	43.5
February 1999	W	77.1	34.3	33.5	58.7	38.0
March 1998	102.5	88.6	45.5	46.4	68.1	47.7
Delaware						
March 1999	W	87.9	45.3	NA	W	W
February 1999	–	79.6	41.7	NA	W	W
March 1998	W	W	55.0	50.4	–	W
District of Columbia						
March 1999	–	–	–	–	–	–
February 1999	–	–	–	–	–	–
March 1998	–	–	–	W	–	–
Maryland						
March 1999	W	W	38.2	40.3	W	42.7
February 1999	W	W	35.6	36.7	W	36.5
March 1998	W	W	45.8	47.8	W	47.8
New Jersey						
March 1999	W	NA	39.3	39.9	W	41.6
February 1999	W	NA	34.1	32.4	W	35.2
March 1998	W	88.1	45.3	45.6	W	45.3
New York						
March 1999	W	86.9	NA	40.7	70.8	46.7
February 1999	W	78.2	NA	37.0	64.4	43.0
March 1998	W	W	47.6	48.2	69.8	51.6
Pennsylvania						
March 1999	W	86.1	37.7	38.3	63.4	44.5
February 1999	W	77.3	32.8	33.9	61.8	38.4
March 1998	99.9	91.3	44.5	45.8	73.2	49.3

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
Subdistrict IC						
March 1999	89.0	84.3	38.3	39.8	71.4	44.1
February 1999	85.0	78.6	35.2	37.0	NA	39.4
March 1998	97.6	89.6	45.2	47.1	NA	48.3
Florida						
March 1999	87.7	81.7	38.4	42.1	82.4	44.5
February 1999	83.7	77.5	35.3	38.4	NA	40.1
March 1998	95.1	88.3	45.4	48.1	97.8	50.2
Georgia						
March 1999	W	84.0	37.8	37.4	94.9	42.9
February 1999	W	78.5	34.5	35.8	96.6	38.9
March 1998	95.0	89.3	44.1	45.8	NA	47.4
North Carolina						
March 1999	W	88.8	37.4	40.1	49.4	43.6
February 1999	W	81.1	35.0	36.1	51.0	38.7
March 1998	W	92.8	45.8	46.9	68.0	47.4
South Carolina						
March 1999	W	92.4	42.8	44.8	85.0	43.9
February 1999	W	84.1	39.5	40.6	NA	39.8
March 1998	W	NA	49.7	49.1	98.7	48.3
Virginia						
March 1999	W	85.2	38.5	40.0	45.3	44.6
February 1999	W	77.4	35.1	36.6	42.6	39.7
March 1998	W	92.7	45.1	47.6	53.3	48.7
West Virginia						
March 1999	W	NA	W	W	84.4	52.6
February 1999	W	NA	W	W	80.9	47.9
March 1998	W	W	W	49.7	70.8	54.6
PAD District II						
March 1999	83.9	80.8	39.5	40.1	53.0	47.7
February 1999	79.2	73.1	36.0	36.0	51.4	42.0
March 1998	90.2	81.9	46.2	47.5	61.6	50.3
Illinois						
March 1999	W	89.1	NA	42.2	W	42.2
February 1999	W	W	NA	39.1	W	38.3
March 1998	NA	W	44.0	48.3	W	47.7
Indiana						
March 1999	W	85.1	NA	38.2	W	49.0
February 1999	W	77.4	NA	NA	W	44.5
March 1998	W	NA	45.8	46.6	W	50.0
Iowa						
March 1999	W	W	NA	43.9	—	W
February 1999	W	W	NA	41.2	—	46.8
March 1998	NA	80.4	49.1	51.5	—	NA
Kansas						
March 1999	W	80.6	43.3	45.1	—	52.0
February 1999	W	72.1	40.8	41.4	—	50.6
March 1998	W	NA	50.9	51.0	—	60.3
Kentucky						
March 1999	W	W	W	40.8	W	W
February 1999	W	W	W	37.5	W	W
March 1998	W	W	47.5	48.8	90.5	54.5
Michigan						
March 1999	W	W	40.3	40.5	W	NA
February 1999	82.6	W	NA	37.3	W	47.2
March 1998	W	72.6	47.2	47.6	110.7	49.7
Minnesota						
March 1999	W	W	40.0	40.5	W	W
February 1999	—	W	35.7	34.5	W	W
March 1998	NA	W	48.2	47.7	W	W
Missouri						
March 1999	W	82.0	41.5	45.9	—	49.0
February 1999	W	74.2	37.9	42.0	—	45.0
March 1998	W	W	47.0	NA	—	53.9

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
Nebraska						
March 1999	W	W	42.0	46.1	—	66.3
February 1999	W	W	38.6	42.5	—	NA
March 1998	NA	W	48.2	NA	—	NA
North Dakota						
March 1999	W	W	NA	NA	—	—
February 1999	W	W	NA	NA	—	W
March 1998	W	W	54.7	61.1	—	W
Ohio						
March 1999	W	77.8	39.8	39.8	86.8	50.2
February 1999	81.5	71.2	36.0	37.0	82.1	43.5
March 1998	93.6	79.0	46.6	47.6	NA	51.2
Oklahoma						
March 1999	76.1	82.9	40.8	37.6	W	NA
February 1999	70.8	74.2	37.8	33.5	W	W
March 1998	86.5	NA	47.2	45.2	—	57.2
South Dakota						
March 1999	W	W	47.3	49.5	—	—
February 1999	W	W	43.4	45.2	—	—
March 1998	NA	NA	50.9	NA	—	—
Tennessee						
March 1999	W	85.7	39.2	W	NA	44.1
February 1999	W	79.0	36.3	W	70.2	37.7
March 1998	W	89.8	44.5	49.1	74.2	47.5
Wisconsin						
March 1999	—	W	NA	41.9	W	47.9
February 1999	—	W	NA	39.2	W	44.7
March 1998	—	W	NA	47.4	W	51.8
PAD District III						
March 1999	82.5	NA	36.9	36.9	35.7	40.1
February 1999	75.7	67.0	33.9	31.8	33.7	33.0
March 1998	91.9	NA	43.3	43.5	66.6	42.5
Alabama						
March 1999	W	85.1	40.1	42.4	W	44.8
February 1999	W	78.7	36.9	38.8	W	39.2
March 1998	96.4	92.6	46.5	48.9	112.3	49.9
Arkansas						
March 1999	W	78.2	41.4	43.0	—	W
February 1999	W	70.7	37.6	37.7	—	W
March 1998	W	W	48.1	NA	—	W
Louisiana						
March 1999	84.5	75.5	35.9	36.0	W	W
February 1999	W	69.1	34.3	33.0	W	W
March 1998	92.5	82.4	43.3	43.1	W	W
Mississippi						
March 1999	W	82.8	38.3	34.1	W	W
February 1999	W	74.2	34.8	31.8	W	W
March 1998	W	NA	43.1	43.0	W	W
New Mexico						
March 1999	W	W	NA	NA	—	W
February 1999	W	W	39.7	39.5	—	W
March 1998	W	W	NA	NA	—	W
Texas						
March 1999	79.4	NA	36.9	36.8	W	44.6
February 1999	71.7	63.7	33.4	31.2	W	NA
March 1998	91.0	79.4	43.1	43.4	50.8	44.4
PAD District IV						
March 1999	85.7	90.0	NA	NA	W	NA
February 1999	84.1	83.5	43.3	41.1	W	54.3
March 1998	98.8	NA	56.6	NA	—	62.0
Colorado						
March 1999	W	W	NA	NA	—	W
February 1999	W	W	38.6	39.0	—	W
March 1998	W	W	49.6	NA	—	59.2

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
Idaho						
March 1999	W	W	50.1	NA	—	—
February 1999	—	W	46.2	50.0	—	—
March 1998	W	W	62.5	59.5	—	W
Montana						
March 1999	W	—	54.1	58.2	—	W
February 1999	W	—	52.5	56.3	—	W
March 1998	W	W	66.7	71.7	—	W
Utah						
March 1999	W	92.3	49.5	48.2	—	W
February 1999	W	87.7	47.4	45.7	—	W
March 1998	W	91.2	61.2	63.2	—	NA
Wyoming						
March 1999	W	W	W	W	W	—
February 1999	W	W	W	51.0	W	—
March 1998	W	W	58.0	NA	—	—
PAD District V						
March 1999	102.5	100.4	41.2	42.3	W	NA
February 1999	96.4	95.4	39.3	41.4	W	NA
March 1998	107.4	106.1	45.0	46.8	110.9	51.0
Alaska						
March 1999	W	NA	42.4	49.0	W	—
February 1999	W	NA	41.5	46.2	W	—
March 1998	W	120.6	47.7	52.1	W	—
Arizona						
March 1999	W	93.4	43.3	44.7	W	—
February 1999	W	88.6	40.9	41.6	—	W
March 1998	W	99.0	47.0	47.6	W	W
California						
March 1999	109.2	97.8	40.4	41.0	—	NA
February 1999	101.8	92.2	38.5	39.0	—	NA
March 1998	108.9	101.5	44.4	45.2	—	48.7
Hawaii						
March 1999	—	W	44.6	W	—	—
February 1999	—	W	42.2	W	—	—
March 1998	—	W	48.0	W	—	—
Nevada						
March 1999	W	95.7	43.9	46.2	—	NA
February 1999	—	90.4	41.0	43.3	—	W
March 1998	—	98.5	46.0	48.5	—	W
Oregon						
March 1999	W	W	41.5	44.3	—	W
February 1999	—	W	39.0	41.8	—	NA
March 1998	W	W	44.1	45.7	—	53.6
Washington						
March 1999	W	W	41.0	43.8	—	W
February 1999	W	W	38.2	40.3	—	W
March 1998	W	W	43.7	46.1	W	54.6

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 ^a		No. 4 Fuel ^b	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
United States						
March 1999	NA	49.1	45.8	42.7	40.2	32.6
February 1999	NA	44.7	40.3	34.8	38.6	29.7
March 1998	56.0	54.3	51.1	45.6	46.0	37.5
PAD District I						
March 1999	48.2	46.1	46.3	40.8	W	34.1
February 1999	44.8	40.9	42.0	34.2	W	32.2
March 1998	54.1	51.6	51.6	45.6	W	40.6
Subdistrict IA						
March 1999	53.9	54.1	51.8	41.6	W	W
February 1999	51.0	51.7	50.2	34.5	W	W
March 1998	W	55.7	NA	46.8	W	W
Connecticut						
March 1999	W	NA	46.2	41.6	W	W
February 1999	W	W	42.2	33.5	W	W
March 1998	W	54.2	50.0	45.9	W	W
Maine						
March 1999	W	–	40.8	42.2	–	–
February 1999	–	–	W	35.5	–	–
March 1998	–	W	W	46.7	–	–
Massachusetts						
March 1999	72.8	57.6	52.6	42.0	W	–
February 1999	68.2	57.0	49.8	35.2	W	–
March 1998	W	W	54.3	48.0	W	–
New Hampshire						
March 1999	–	–	58.2	43.0	–	–
February 1999	–	W	W	37.4	–	–
March 1998	W	–	NA	47.1	–	–
Rhode Island						
March 1999	NA	W	42.6	40.9	W	–
February 1999	NA	W	40.7	34.5	–	–
March 1998	W	W	50.1	46.2	W	–
Vermont						
March 1999	–	W	72.0	41.3	W	–
February 1999	–	W	72.3	35.2	W	W
March 1998	W	W	86.6	W	W	–
Subdistrict IB						
March 1999	45.9	46.5	50.3	40.6	W	34.1
February 1999	42.0	41.5	45.7	34.1	W	32.1
March 1998	53.2	50.9	54.7	45.7	W	40.5
Delaware						
March 1999	–	–	NA	W	W	–
February 1999	–	–	NA	W	W	–
March 1998	–	–	49.9	W	W	–
District of Columbia						
March 1999	–	–	W	W	W	–
February 1999	–	–	W	W	W	–
March 1998	–	–	47.6	W	W	–
Maryland						
March 1999	W	NA	42.7	40.8	W	W
February 1999	W	NA	37.2	34.7	W	W
March 1998	W	W	45.5	45.4	W	W
New Jersey						
March 1999	W	59.0	44.4	39.2	W	33.2
February 1999	W	55.4	38.7	32.9	W	31.7
March 1998	W	W	49.3	45.3	W	39.2
New York						
March 1999	W	45.9	52.2	42.0	W	34.8
February 1999	W	41.4	47.3	36.0	W	32.2
March 1998	W	50.1	59.7	46.7	W	41.4
Pennsylvania						
March 1999	NA	46.4	55.9	41.1	W	–
February 1999	W	40.7	51.6	34.0	W	–
March 1998	W	48.7	59.9	45.5	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 ^a		No. 4 Fuel ^b	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Subdistrict IC						
March 1999	47.3	45.4	43.6	40.7	38.6	W
February 1999	42.8	39.9	38.8	34.1	W	W
March 1998	54.2	51.5	49.6	44.9	45.6	W
Florida						
March 1999	—	W	45.3	41.3	W	—
February 1999	—	W	40.7	34.6	W	—
March 1998	—	—	51.0	45.3	W	—
Georgia						
March 1999	—	W	43.6	40.1	—	—
February 1999	W	W	39.6	33.4	—	—
March 1998	—	—	50.9	44.5	—	—
North Carolina						
March 1999	W	W	41.2	40.4	W	—
February 1999	W	W	36.4	33.9	W	—
March 1998	—	W	46.8	44.5	W	—
South Carolina						
March 1999	—	W	43.5	40.3	W	—
February 1999	—	W	38.5	33.9	W	—
March 1998	—	W	49.9	44.8	W	—
Virginia						
March 1999	47.5	46.9	40.5	40.4	W	W
February 1999	42.7	41.8	35.3	34.3	W	W
March 1998	54.0	W	46.5	45.1	W	W
West Virginia						
March 1999	W	W	44.6	43.5	—	—
February 1999	W	W	38.4	35.0	—	—
March 1998	W	W	51.1	46.9	—	—
PAD District II						
March 1999	NA	47.7	43.5	42.7	41.5	NA
February 1999	NA	43.3	37.4	34.9	38.7	W
March 1998	52.5	51.1	50.4	46.2	47.9	W
Illinois						
March 1999	W	43.1	43.1	40.2	—	—
February 1999	W	39.5	36.9	32.5	—	—
March 1998	W	47.1	50.7	44.0	—	—
Indiana						
March 1999	NA	47.5	43.4	41.4	—	NA
February 1999	44.9	43.8	37.3	33.9	—	—
March 1998	48.0	48.8	48.9	45.4	W	—
Iowa						
March 1999	W	48.6	NA	45.0	—	—
February 1999	NA	44.3	NA	37.3	—	—
March 1998	57.1	53.0	51.1	49.0	—	—
Kansas						
March 1999	48.6	46.1	43.3	43.3	—	—
February 1999	45.1	42.7	38.2	35.7	—	—
March 1998	53.7	50.1	51.3	47.4	—	—
Kentucky						
March 1999	W	W	43.5	42.7	W	—
February 1999	W	W	37.1	34.7	W	—
March 1998	W	52.3	49.5	46.0	W	—
Michigan						
March 1999	W	48.9	45.3	43.1	—	—
February 1999	W	44.0	38.3	34.6	—	—
March 1998	W	48.1	49.4	45.8	—	—
Minnesota						
March 1999	55.4	49.6	NA	44.8	W	NA
February 1999	NA	46.4	NA	37.6	W	W
March 1998	56.8	52.2	54.9	48.5	W	W
Missouri						
March 1999	NA	47.8	43.7	42.5	—	—
February 1999	NA	42.8	37.9	35.3	—	—
March 1998	W	52.4	51.4	46.3	—	—

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 ^a		No. 4 Fuel ^b	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Nebraska						
March 1999	W	47.8	NA	45.0	—	—
February 1999	W	43.8	NA	37.3	—	—
March 1998	59.1	53.7	46.1	49.0	—	—
North Dakota						
March 1999	W	49.5	W	46.4	—	—
February 1999	W	46.6	W	39.9	—	—
March 1998	54.8	54.1	W	50.3	—	—
Ohio						
March 1999	W	W	46.1	44.4	W	—
February 1999	W	W	39.3	35.4	W	—
March 1998	52.6	49.4	52.0	46.9	W	—
Oklahoma						
March 1999	W	45.1	38.9	42.0	—	—
February 1999	W	40.0	34.3	35.0	—	—
March 1998	W	48.4	49.6	46.2	—	—
South Dakota						
March 1999	W	49.3	43.7	46.5	—	—
February 1999	W	45.1	37.9	38.3	—	—
March 1998	W	56.1	54.6	51.1	—	—
Tennessee						
March 1999	W	W	41.9	40.8	—	—
February 1999	W	W	37.3	34.1	—	—
March 1998	W	—	50.3	44.8	W	—
Wisconsin						
March 1999	NA	46.9	44.8	41.7	—	—
February 1999	NA	42.2	37.4	34.0	—	—
March 1998	NA	49.5	49.1	45.1	W	—
PAD District III						
March 1999	NA	52.8	42.2	38.1	W	W
February 1999	W	48.3	37.8	31.9	—	W
March 1998	W	NA	48.8	43.5	—	W
Alabama						
March 1999	—	W	41.3	39.9	—	—
February 1999	—	W	36.5	33.3	—	—
March 1998	—	W	48.1	44.3	—	—
Arkansas						
March 1999	—	—	NA	39.7	—	—
February 1999	—	—	40.9	33.6	—	—
March 1998	—	—	55.9	44.5	—	—
Louisiana						
March 1999	—	—	42.6	35.7	—	—
February 1999	—	—	36.9	30.6	—	—
March 1998	—	—	46.8	42.5	—	—
Mississippi						
March 1999	—	—	40.5	37.2	W	W
February 1999	—	—	33.4	31.4	—	W
March 1998	—	—	45.8	42.7	—	W
New Mexico						
March 1999	NA	57.5	65.3	46.9	—	—
February 1999	W	51.2	58.5	38.3	—	—
March 1998	—	64.5	67.2	50.2	—	—
Texas						
March 1999	NA	NA	40.7	38.1	—	NA
February 1999	W	W	37.1	31.8	—	W
March 1998	W	W	48.4	43.4	—	—
PAD District IV						
March 1999	53.2	54.2	49.7	48.0	—	—
February 1999	48.7	49.3	43.4	40.7	—	—
March 1998	60.5	61.1	55.4	52.3	—	—
Colorado						
March 1999	46.8	50.6	51.4	44.9	—	—
February 1999	43.3	45.4	47.1	37.7	—	—
March 1998	W	57.6	56.4	50.5	—	—

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 ^a		No. 4 Fuel ^b	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Idaho						
March 1999	NA	52.8	51.2	48.8	—	—
February 1999	NA	48.3	42.8	42.1	—	—
March 1998	65.3	63.2	53.8	54.2	—	—
Montana						
March 1999	57.0	58.7	45.3	49.7	—	—
February 1999	53.7	53.6	41.3	43.5	—	—
March 1998	58.4	62.8	56.6	53.0	—	—
Utah						
March 1999	54.8	55.7	50.3	50.9	—	—
February 1999	48.1	50.0	43.5	42.6	—	—
March 1998	61.6	64.1	54.9	53.6	—	—
Wyoming						
March 1999	W	56.1	49.4	47.7	—	—
February 1999	W	52.2	42.4	40.3	—	—
March 1998	60.5	61.7	55.0	51.0	—	—
PAD District V						
March 1999	72.0	52.0	53.8	54.8	W	W
February 1999	70.9	48.9	46.9	41.1	W	W
March 1998	59.2	63.6	53.3	46.7	W	W
Alaska						
March 1999	74.8	51.0	71.7	54.0	W	W
February 1999	73.7	49.2	74.6	45.6	W	W
March 1998	59.1	65.5	77.0	45.5	W	W
Arizona						
March 1999	W	NA	58.5	52.9	—	—
February 1999	W	50.1	49.1	40.5	—	—
March 1998	W	W	55.4	47.2	—	—
California						
March 1999	—	NA	54.7	NA	—	W
February 1999	—	NA	42.7	41.6	—	W
March 1998	—	W	50.7	48.2	—	W
Hawaii						
March 1999	—	—	W	67.0	—	—
February 1999	—	—	W	66.2	—	—
March 1998	—	—	W	71.3	—	—
Nevada						
March 1999	—	W	W	52.6	—	—
February 1999	—	W	W	39.9	—	—
March 1998	—	NA	52.5	48.4	—	—
Oregon						
March 1999	NA	54.0	44.4	50.6	—	—
February 1999	NA	48.6	37.6	39.4	—	—
March 1998	—	56.8	45.1	42.3	—	—
Washington						
March 1999	W	57.4	47.6	49.3	—	—
February 1999	W	49.0	41.1	39.2	—	—
March 1998	W	55.6	NA	43.5	—	—

Dash (—) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

^a Includes sales of No. 2 fuel oil and high- and low-sulfur diesel fuels.

^b 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	
United States								
March 1999	87.5	75.9	68.7	78.7	23.3	63.1	77.1	27.8
February 1999	87.1	75.6	68.9	77.9	23.6	63.0	76.7	27.3
March 1998	93.5	85.5	75.4	64.5	28.7	70.0	82.6	32.3
PAD District I								
March 1999	105.1	77.3	67.8	74.8	—	68.4	92.3	33.2
February 1999	105.0	76.9	68.5	73.4	—	69.9	92.5	32.8
March 1998	114.0	88.2	90.2	59.9	W	76.1	102.6	37.7
Subdistrict IA								
March 1999	110.5	79.4	NA	64.1	—	74.5	92.3	35.7
February 1999	108.9	79.5	NA	62.3	—	73.3	92.0	36.0
March 1998	131.4	85.9	NA	54.8	—	104.4	120.4	43.5
Subdistrict IB								
March 1999	108.1	77.0	77.2	W	—	72.7	96.9	32.7
February 1999	108.6	75.5	78.9	72.7	—	75.5	97.0	32.8
March 1998	115.4	85.4	85.3	63.4	—	75.3	103.3	37.6
Subdistrict IC								
March 1999	101.2	76.6	64.0	W	—	65.9	89.4	33.0
February 1999	101.2	76.5	65.9	W	—	67.0	89.9	32.0
March 1998	107.8	89.9	69.0	W	W	71.8	96.8	36.3
PAD District II								
March 1999	72.8	71.0	71.3	80.8	NA	58.7	71.2	27.2
February 1999	72.2	70.6	70.7	81.4	NA	58.4	70.6	26.7
March 1998	77.5	81.6	74.0	61.6	W	65.2	75.9	32.2
PAD District III								
March 1999	88.5	72.5	63.3	77.5	23.3	61.4	55.7	24.5
February 1999	89.2	73.0	63.3	73.9	23.5	61.3	55.6	23.8
March 1998	94.7	78.0	53.6	77.0	28.5	71.0	58.6	29.4
PAD District IV								
March 1999	70.1	73.6	55.7	72.1	—	68.2	69.3	26.6
February 1999	70.5	73.8	57.5	68.2	—	66.7	69.7	27.3
March 1998	76.2	80.5	60.7	61.5	—	74.1	75.3	31.5
PAD District V								
March 1999	100.1	80.7	72.1	83.3	—	NA	NA	36.7
February 1999	103.9	84.8	75.1	83.7	—	61.0	94.3	37.6
March 1998	106.5	91.8	70.8	69.6	—	68.5	95.0	37.9

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^a Prices by Sales Type, PAD District, and Selected States^b
(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 ^c	Other End Users ^d	Average	
United States							
March 1999	80.8	50.5	53.4	54.9	55.4	58.7	43.3
February 1999	79.8	45.0	47.9	50.3	50.7	55.1	36.0
March 1998	89.6	54.9	57.5	61.6	62.0	64.5	47.1
PAD District I							
March 1999	81.3	52.9	54.0	54.1	53.3	64.3	41.8
February 1999	80.5	48.8	49.8	50.7	50.5	62.8	36.0
March 1998	90.8	58.6	59.0	62.7	61.9	71.9	47.3
Subdistrict IA							
March 1999	76.1	56.9	63.4	63.9	45.8	70.4	42.4
February 1999	75.2	54.0	62.8	62.6	NA	69.6	37.3
March 1998	87.1	63.9	67.4	71.3	NA	79.7	49.5
Connecticut							
March 1999	77.9	58.5	64.1	NA	54.5	73.2	42.4
February 1999	77.3	55.7	63.9	NA	55.3	72.8	36.5
March 1998	88.6	65.2	63.2	74.9	65.1	83.6	48.6
Maine							
March 1999	74.2	56.6	49.4	63.6	58.0	67.9	44.6
February 1999	71.6	53.6	44.4	63.6	54.6	66.2	38.4
March 1998	83.0	65.1	NA	71.2	NA	75.2	51.4
Massachusetts							
March 1999	75.7	53.9	69.3	65.8	W	69.5	41.9
February 1999	74.7	51.2	70.1	63.0	W	68.7	37.5
March 1998	86.6	59.9	78.4	73.1	NA	78.0	50.1
New Hampshire							
March 1999	70.4	57.6	NA	64.5	51.9	66.0	42.9
February 1999	70.4	54.3	59.6	63.7	47.1	65.1	39.4
March 1998	84.4	68.1	61.4	70.2	NA	77.9	49.5
Rhode Island							
March 1999	79.3	60.4	57.4	63.3	NA	74.0	40.9
February 1999	79.4	56.2	52.8	61.8	NA	73.1	36.0
March 1998	90.2	67.4	68.1	70.7	NA	82.7	47.6
Vermont							
March 1999	79.5	59.3	64.9	65.3	58.3	72.0	45.2
February 1999	79.7	56.5	62.8	65.0	56.7	71.6	39.0
March 1998	92.2	65.5	72.2	NA	77.6	82.2	50.0
Subdistrict IB							
March 1999	85.3	54.5	57.4	55.5	57.3	69.5	41.8
February 1999	84.9	50.4	52.6	51.6	56.1	67.9	35.9
March 1998	94.0	60.0	62.0	63.5	67.4	76.6	47.2
Delaware							
March 1999	82.9	NA	62.2	55.4	48.0	68.2	42.8
February 1999	80.4	NA	57.9	52.9	45.1	64.6	NA
March 1998	90.6	57.6	64.1	64.5	56.8	73.8	47.3
District of Columbia							
March 1999	W	52.2	-	W	W	68.2	40.6
February 1999	W	45.4	-	W	W	67.1	36.2
March 1998	104.9	63.5	-	W	W	81.3	46.4
Maryland							
March 1999	86.8	54.0	59.2	54.7	57.2	71.3	42.3
February 1999	86.1	49.5	56.7	51.8	NA	68.2	36.5
March 1998	96.8	57.3	61.1	61.1	63.1	75.1	47.8
New Jersey							
March 1999	83.3	50.9	NA	53.6	NA	67.2	40.2
February 1999	83.1	47.1	NA	NA	NA	67.4	34.2
March 1998	92.6	55.9	NA	62.5	NA	74.5	46.2
New York							
March 1999	90.5	56.6	53.9	62.7	67.4	74.8	42.7
February 1999	89.5	52.1	47.6	61.2	66.4	73.1	37.4
March 1998	98.3	63.3	60.1	70.5	75.6	82.9	47.8

See footnotes at end of table.

Table 39. No. 2 Distillate^a Prices by Sales Type, PAD District, and Selected States^b
(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 ^c	Other End Users ^d	Average	
Pennsylvania							
March 1999	77.3	52.4	53.6	54.4	55.7	63.4	42.7
February 1999	77.3	48.9	47.2	49.0	54.6	60.9	36.4
March 1998	86.3	57.6	58.6	62.4	67.3	70.0	47.9
Subdistrict IC							
March 1999	79.9	50.1	51.7	51.5	53.3	53.8	41.2
February 1999	79.6	45.0	47.0	48.3	49.7	50.2	34.9
March 1998	87.2	55.1	56.8	61.2	61.0	60.7	45.9
Virginia							
March 1999	81.6	51.3	49.4	49.9	57.3	59.1	40.9
February 1999	81.2	48.4	45.2	46.9	57.2	57.7	34.9
March 1998	89.6	56.0	53.5	59.7	63.1	65.0	46.0
West Virginia							
March 1999	78.1	48.1	53.3	60.3	54.1	55.5	46.3
February 1999	71.4	41.0	45.7	56.7	48.1	49.6	38.4
March 1998	88.6	53.1	56.3	70.4	59.8	61.3	49.1
PAD District II							
March 1999	73.7	46.7	53.5	54.1	58.9	53.5	43.4
February 1999	71.1	40.5	48.4	49.1	54.4	48.0	35.7
March 1998	79.4	52.2	57.8	61.1	64.6	59.6	47.3
Illinois							
March 1999	67.8	45.8	47.7	59.2	61.3	52.8	41.4
February 1999	66.0	40.3	43.7	56.0	56.6	47.4	33.2
March 1998	76.9	52.0	54.3	69.7	69.0	61.2	44.8
Indiana							
March 1999	73.7	47.1	50.0	52.3	62.3	52.4	41.8
February 1999	70.9	40.0	46.2	47.3	58.4	47.1	34.4
March 1998	77.9	51.1	54.2	59.2	66.2	58.0	46.2
Michigan							
March 1999	77.6	49.5	NA	57.0	57.3	57.3	44.2
February 1999	76.5	44.2	55.3	53.8	51.4	53.5	36.5
March 1998	83.3	55.1	58.5	61.6	62.3	62.3	48.3
Minnesota							
March 1999	69.5	NA	NA	59.1	61.6	59.2	45.8
February 1999	67.0	NA	48.3	56.4	61.6	55.1	38.7
March 1998	77.2	58.6	NA	66.8	66.7	66.8	50.2
Ohio							
March 1999	76.5	49.6	57.3	54.7	57.1	55.5	45.1
February 1999	72.1	41.9	52.0	48.8	46.9	48.7	36.5
March 1998	79.3	52.1	59.3	61.0	57.8	58.5	48.0
Wisconsin							
March 1999	76.5	49.3	59.7	57.3	64.9	59.4	42.5
February 1999	73.9	43.3	56.4	53.8	60.7	55.8	34.9
March 1998	82.5	52.9	61.7	63.0	68.1	64.7	45.9
PAD District III							
March 1999	56.6	43.3	47.2	50.6	50.0	47.9	39.2
February 1999	51.0	39.8	42.0	47.0	45.8	43.8	32.9
March 1998	62.3	48.8	54.3	57.8	58.2	54.7	45.2
PAD District IV							
March 1999	71.7	50.0	57.0	60.5	62.2	57.3	48.8
February 1999	69.0	43.6	50.9	54.1	55.4	51.0	41.7
March 1998	77.0	57.7	63.2	65.8	67.7	63.2	53.6
Idaho							
March 1999	71.0	56.2	NA	62.9	62.8	62.2	50.1
February 1999	67.9	51.4	57.5	56.7	57.6	56.9	43.7
March 1998	78.6	59.8	64.8	66.6	68.8	66.4	55.8

See footnotes at end of table.

Table 39. No. 2 Distillate^a Prices by Sales Type, PAD District, and Selected States^b
(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 ^c	Other End Users ^d	Average	
PAD District V							
March 1999	93.2	57.5	58.2	69.3	55.3	62.1	NA
February 1999	87.1	48.0	48.4	61.8	49.4	53.8	41.5
March 1998	92.8	53.5	55.5	66.4	59.5	59.0	47.6
Alaska							
March 1999	84.7	80.1	NA	NA	63.4	78.1	56.8
February 1999	81.2	75.7	55.2	84.8	55.4	75.9	48.5
March 1998	86.2	80.9	67.7	93.2	74.3	79.3	47.9
Oregon							
March 1999	85.5	56.6	58.2	67.5	60.2	61.1	50.8
February 1999	79.9	47.9	47.8	63.2	54.6	53.4	39.9
March 1998	85.8	52.2	54.5	66.0	55.3	58.2	42.8
Washington							
March 1999	101.6	55.7	62.0	70.2	67.2	66.6	50.2
February 1999	93.5	48.3	51.1	63.3	57.7	59.2	40.2
March 1998	99.6	51.4	57.3	68.0	68.6	61.8	44.7

Dash (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

^a Includes sales of No. 2 fuel oil and high- and low-sulfur diesel fuels.

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

^c 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.

^d 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 ^a	Other End Users ^b	Average	
United States						
March 1999	49.2	54.0	54.9	55.6	52.9	44.4
February 1999	43.3	48.3	50.3	50.8	47.5	36.5
March 1998	53.1	57.8	61.6	62.0	58.0	47.2
PAD District I						
March 1999	50.0	54.8	54.1	53.9	52.5	42.0
February 1999	45.0	50.7	50.7	50.3	48.3	35.4
March 1998	55.2	59.2	62.7	61.8	58.7	46.8
Subdistrict IA						
March 1999	51.3	NA	63.9	NA	57.3	43.7
February 1999	47.6	68.5	62.6	NA	54.6	37.4
March 1998	60.0	75.1	71.3	NA	64.3	49.3
Connecticut						
March 1999	48.4	51.9	NA	56.3	54.2	42.4
February 1999	44.5	50.0	NA	55.9	51.2	35.9
March 1998	63.0	59.8	74.9	61.4	63.7	47.7
Maine						
March 1999	54.2	55.4	63.6	NA	60.0	46.5
February 1999	52.2	51.5	63.6	54.8	58.7	39.6
March 1998	59.8	61.4	71.2	NA	67.2	51.5
Massachusetts						
March 1999	51.1	NA	65.8	NA	57.6	43.3
February 1999	47.3	78.8	63.0	NA	54.6	37.8
March 1998	58.0	85.0	73.1	NA	63.6	49.8
New Hampshire						
March 1999	51.0	NA	64.5	53.1	58.6	46.3
February 1999	45.7	61.9	63.7	49.7	55.5	39.8
March 1998	57.2	74.6	70.2	NA	66.0	50.6
Rhode Island						
March 1999	49.2	NA	63.3	NA	51.2	43.1
February 1999	46.0	49.1	61.8	NA	48.2	NA
March 1998	57.8	NA	70.7	NA	58.7	47.8
Vermont						
March 1999	58.8	NA	65.3	56.4	60.2	48.4
February 1999	55.2	70.7	65.0	NA	58.1	40.4
March 1998	60.3	70.9	NA	NA	63.7	54.5
Subdistrict IB						
March 1999	49.5	58.1	55.5	54.1	53.2	42.3
February 1999	44.2	52.4	51.6	52.1	48.7	34.9
March 1998	55.1	61.4	63.5	65.6	59.1	47.1
Delaware						
March 1999	NA	62.0	55.4	49.2	53.9	NA
February 1999	NA	56.6	52.9	46.9	49.0	NA
March 1998	56.9	63.6	64.5	59.6	60.1	46.8
District of Columbia						
March 1999	48.2	-	W	W	50.4	49.2
February 1999	37.6	-	W	W	41.0	42.7
March 1998	NA	-	W	W	NA	50.5
Maryland						
March 1999	50.1	56.3	54.7	53.5	52.1	42.8
February 1999	44.2	52.6	51.8	48.3	47.0	36.7
March 1998	54.6	55.7	61.1	60.6	56.4	48.0
New Jersey						
March 1999	46.7	NA	53.6	NA	55.0	41.0
February 1999	40.5	NA	NA	NA	52.5	33.9
March 1998	51.3	NA	62.5	NA	58.3	46.2
New York						
March 1999	50.0	54.6	62.7	63.3	53.1	44.0
February 1999	45.2	48.4	61.2	62.3	49.2	37.3
March 1998	57.2	60.6	70.5	72.9	60.8	49.6

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 ^a	Other End Users ^b	Average	
Pennsylvania						
March 1999	49.8	53.6	54.4	57.0	52.7	43.0
February 1999	44.6	46.3	49.0	55.1	47.3	34.7
March 1998	54.6	57.1	62.4	67.8	58.9	47.0
Subdistrict IC						
March 1999	50.1	52.8	51.5	53.8	51.5	41.5
February 1999	45.0	48.7	48.3	49.8	47.2	35.2
March 1998	54.3	57.4	61.2	60.9	57.8	46.0
Virginia						
March 1999	50.9	51.4	49.9	56.8	51.5	41.5
February 1999	47.8	48.1	46.9	56.7	48.6	35.4
March 1998	55.4	55.7	59.7	60.8	57.2	46.6
West Virginia						
March 1999	54.9	53.2	60.3	52.7	56.5	47.0
February 1999	49.0	45.6	56.7	46.5	51.1	39.7
March 1998	51.8	57.2	70.4	60.0	60.0	49.5
PAD District II						
March 1999	47.4	54.2	54.1	59.1	52.7	43.7
February 1999	41.2	49.1	49.1	54.9	47.0	36.2
March 1998	52.0	58.9	61.1	64.9	58.4	47.7
Illinois						
March 1999	46.5	50.3	59.2	61.7	53.7	42.1
February 1999	40.9	46.9	56.0	57.4	48.5	34.0
March 1998	51.7	59.1	69.7	69.6	61.7	45.5
Indiana						
March 1999	48.5	52.1	52.3	65.4	52.1	42.0
February 1999	41.4	48.3	47.3	59.7	46.3	34.7
March 1998	51.4	57.6	59.2	66.9	57.3	46.7
Michigan						
March 1999	49.4	NA	57.0	57.3	53.8	44.5
February 1999	44.0	55.5	53.8	51.7	49.1	36.8
March 1998	54.8	58.7	61.6	65.3	58.6	49.0
Minnesota						
March 1999	53.5	61.5	59.1	61.8	58.5	46.3
February 1999	48.9	57.5	56.4	61.3	55.4	39.2
March 1998	60.6	NA	66.8	66.2	65.1	49.9
Ohio						
March 1999	50.3	57.2	54.7	58.4	53.6	45.8
February 1999	42.3	51.6	48.8	51.6	46.4	37.3
March 1998	51.8	59.2	61.0	58.9	56.6	48.6
Wisconsin						
March 1999	49.2	59.6	57.3	64.8	55.5	42.8
February 1999	43.2	57.1	53.8	60.3	50.7	35.5
March 1998	52.7	61.6	63.0	66.9	59.4	46.5
PAD District III						
March 1999	43.3	47.7	50.6	50.1	48.0	40.3
February 1999	39.9	42.7	47.0	45.9	44.0	34.2
March 1998	49.0	54.7	57.8	58.3	54.8	45.7
PAD District IV						
March 1999	50.0	57.4	60.5	62.2	57.4	48.8
February 1999	43.6	51.2	54.1	55.4	51.0	41.7
March 1998	57.7	63.6	65.8	67.7	63.2	53.6
Idaho						
March 1999	54.0	NA	62.9	62.8	61.7	50.1
February 1999	49.2	57.5	56.7	57.6	56.1	43.7
March 1998	57.6	64.8	66.6	68.8	65.7	55.8

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 ^a	Other End Users ^b	Average	
PAD District V						
March 1999	56.5	58.2	69.3	55.3	60.2	NA
February 1999	47.0	48.3	61.8	49.4	51.5	41.5
March 1998	53.2	55.4	66.4	59.0	57.7	47.6
Alaska						
March 1999	78.0	NA	NA	68.9	74.5	59.8
February 1999	75.3	53.3	84.8	60.8	74.5	52.5
March 1998	86.9	67.2	93.2	75.7	81.6	53.1
Oregon						
March 1999	56.6	58.2	67.5	60.2	59.0	50.8
February 1999	47.8	47.8	63.2	54.6	51.0	39.9
March 1998	52.0	54.5	66.0	55.2	56.5	42.8
Washington						
March 1999	55.0	61.9	70.2	67.1	63.0	50.2
February 1999	47.9	51.0	63.3	57.5	54.8	40.2
March 1998	51.2	57.3	68.0	67.6	58.8	44.7

Dash (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

^a 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.

^b 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 ^a	Other End Users ^b	Average		Commercial/ Institutional Consumers	Industrial Consumers	Other End Users ^b	Average	
United States											
March 1999	49.7	53.1	54.9	55.1	53.1	44.9	48.3	54.9	56.3	52.0	41.6
February 1999	43.5	47.5	50.3	50.3	47.9	36.8	42.7	49.2	51.6	46.4	34.8
March 1998	53.2	57.4	61.6	61.9	58.5	47.5	52.8	58.2	62.1	56.4	45.2
PAD District I											
March 1999	47.7	54.1	54.1	49.8	51.1	42.3	56.0	55.5	58.2	56.7	40.5
February 1999	43.1	49.7	50.7	46.3	47.2	35.5	50.4	51.5	55.3	52.3	34.5
March 1998	53.9	57.5	62.7	57.3	58.1	47.0	58.6	60.9	65.9	60.8	45.6
Subdistrict IA											
March 1999	51.2	73.0	63.9	NA	58.0	44.1	51.6	NA	64.0	52.8	NA
February 1999	47.9	69.3	62.6	NA	55.5	37.5	46.7	65.2	64.2	49.4	NA
March 1998	61.0	75.4	71.3	NA	65.3	50.6	56.2	73.5	77.0	58.8	46.2
Subdistrict IB											
March 1999	48.5	61.1	55.5	51.3	52.7	42.7	53.6	52.6	60.2	55.9	39.0
February 1999	43.1	54.0	51.6	50.0	48.0	35.3	49.9	NA	57.3	53.6	32.6
March 1998	54.3	62.0	63.5	63.6	58.9	47.4	58.3	60.4	68.5	60.3	45.0
Subdistrict IC											
March 1999	46.3	47.6	51.5	48.8	48.9	41.6	57.2	56.0	57.9	57.1	40.8
February 1999	42.1	43.7	48.3	44.4	45.2	35.2	51.1	51.7	55.0	52.2	34.8
March 1998	51.9	53.2	61.2	54.3	56.4	46.1	59.0	60.7	65.2	61.0	45.6
PAD District II											
March 1999	48.4	50.2	54.1	58.3	52.9	43.7	45.0	57.7	60.9	51.9	44.1
February 1999	42.3	45.9	49.1	54.5	47.4	36.2	38.8	51.5	55.6	45.1	36.2
March 1998	52.5	58.0	61.1	65.7	59.0	47.7	51.0	59.5	63.1	56.1	48.1
PAD District III											
March 1999	47.7	47.8	50.6	50.2	49.7	41.2	39.9	47.5	49.8	43.9	36.6
February 1999	43.2	43.5	47.0	46.7	45.7	34.8	36.2	41.8	44.8	39.4	32.0
March 1998	51.9	55.1	57.8	58.7	56.5	46.5	46.2	54.1	57.4	50.6	43.4
PAD District IV											
March 1999	51.3	57.3	60.5	62.6	58.7	49.0	48.4	57.8	60.4	51.7	47.1
February 1999	45.9	51.1	54.1	55.6	52.5	41.8	41.2	51.9	54.9	44.6	40.4
March 1998	60.2	63.2	65.8	68.2	64.5	53.6	54.3	65.1	66.2	57.9	53.3
PAD District V											
March 1999	58.4	59.3	69.3	57.6	62.3	NA	51.3	56.2	53.8	53.8	50.1
February 1999	47.0	48.2	61.8	49.8	52.4	41.4	47.1	48.6	49.1	48.7	41.6
March 1998	52.3	57.2	66.4	59.1	58.2	48.0	55.2	52.3	59.0	56.5	44.9

NA = Not available.

^a 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.

^b 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
United States						
March 1999	32.8	27.0	27.0	24.1	28.8	25.2
February 1999	31.8	22.4	24.4	21.7	26.7	21.9
March 1998	36.7	30.8	26.9	24.4	29.8	27.2
PAD District I						
March 1999	32.9	28.0	27.5	24.8	29.8	26.5
February 1999	31.9	24.2	26.4	23.9	28.7	24.1
March 1998	36.7	33.5	29.6	28.3	32.8	31.9
Subdistrict IA						
March 1999	32.9	26.3	29.1	26.1	30.4	26.2
February 1999	31.9	22.4	NA	28.5	31.5	25.1
March 1998	35.1	39.5	33.2	W	34.4	32.5
Connecticut						
March 1999	35.8	–	W	W	36.7	W
February 1999	36.7	W	W	–	30.7	W
March 1998	NA	W	W	W	NA	32.7
Maine						
March 1999	W	23.5	27.2	W	28.2	25.8
February 1999	W	W	27.8	W	28.1	W
March 1998	34.9	W	37.1	W	35.8	35.8
Massachusetts						
March 1999	32.0	27.1	29.1	23.7	29.8	25.0
February 1999	31.4	22.3	NA	W	NA	25.7
March 1998	34.2	36.2	32.1	28.2	33.9	31.2
New Hampshire						
March 1999	W	W	28.3	W	31.0	W
February 1999	W	W	21.9	W	25.4	20.5
March 1998	42.8	–	34.3	W	34.6	W
Rhode Island						
March 1999	37.1	W	W	–	36.3	W
February 1999	36.8	W	W	–	35.9	W
March 1998	39.8	W	W	–	40.9	W
Vermont						
March 1999	W	–	W	–	34.2	–
February 1999	W	–	W	–	32.4	–
March 1998	W	–	35.0	–	35.5	–
Subdistrict IB						
March 1999	32.9	28.4	25.5	NA	30.1	27.0
February 1999	31.9	25.0	23.0	21.1	28.7	23.4
March 1998	37.8	33.6	27.6	29.3	33.0	32.8
Delaware						
March 1999	28.7	W	24.9	NA	27.5	NA
February 1999	26.6	W	22.9	19.5	24.0	19.9
March 1998	33.4	NA	25.0	NA	26.5	NA
District of Columbia						
March 1999	W	–	–	–	W	–
February 1999	W	–	–	–	W	–
March 1998	W	–	–	–	W	–
Maryland						
March 1999	W	W	26.8	NA	27.2	W
February 1999	W	W	25.1	W	24.1	20.0
March 1998	W	W	31.6	W	W	W
New Jersey						
March 1999	28.5	27.7	24.6	24.5	26.7	26.2
February 1999	26.0	25.4	21.4	22.3	24.2	23.5
March 1998	33.0	32.7	26.7	29.5	29.5	31.8
New York						
March 1999	35.6	29.1	26.7	NA	32.8	28.0
February 1999	34.2	26.9	24.8	20.7	31.9	25.3
March 1998	41.1	34.3	28.2	NA	36.3	34.1
Pennsylvania						
March 1999	33.2	W	24.5	24.4	28.2	26.4
February 1999	33.1	23.0	21.3	NA	25.2	22.9
March 1998	35.1	30.9	28.1	W	29.5	30.4

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
Subdistrict IC						
March 1999	37.9	W	27.9	24.9	28.3	25.0
February 1999	31.7	W	26.1	24.2	26.4	24.3
March 1998	35.5	W	30.3	27.2	30.8	27.8
Florida						
March 1999	W	—	27.1	26.0	27.2	26.0
February 1999	W	W	25.6	23.8	25.6	23.9
March 1998	W	W	29.4	26.9	29.6	28.0
Georgia						
March 1999	—	—	29.6	—	29.6	—
February 1999	—	—	30.6	—	30.6	—
March 1998	—	—	33.0	NA	33.0	NA
North Carolina						
March 1999	W	W	29.2	W	29.8	W
February 1999	W	—	26.3	23.1	27.0	23.1
March 1998	W	W	30.7	31.4	31.5	27.7
South Carolina						
March 1999	W	—	W	W	W	W
February 1999	W	W	W	W	W	W
March 1998	W	—	W	W	W	W
Virginia						
March 1999	40.9	W	28.7	W	30.3	W
February 1999	W	W	24.9	W	26.5	W
March 1998	40.9	W	29.8	W	31.2	W
West Virginia						
March 1999	W	—	—	W	W	W
February 1999	W	—	—	—	W	—
March 1998	W	—	W	—	W	—
PAD District II						
March 1999	35.2	30.6	33.8	21.3	34.5	22.7
February 1999	31.3	24.3	31.4	23.3	31.4	23.4
March 1998	37.5	25.9	35.6	26.5	36.8	26.4
Illinois						
March 1999	W	W	W	—	W	W
February 1999	W	W	W	—	40.7	W
March 1998	W	W	W	W	NA	NA
Indiana						
March 1999	W	W	34.1	W	34.4	W
February 1999	W	W	W	—	W	W
March 1998	W	W	36.8	W	37.1	W
Iowa						
March 1999	—	—	—	—	—	—
February 1999	W	—	—	W	W	W
March 1998	—	—	—	—	—	—
Kansas						
March 1999	—	—	39.4	W	39.4	W
February 1999	W	—	NA	W	NA	W
March 1998	—	—	W	22.7	W	22.7
Kentucky						
March 1999	W	—	—	—	W	—
February 1999	W	—	—	—	W	—
March 1998	W	—	W	—	W	—
Michigan						
March 1999	W	W	W	W	36.1	NA
February 1999	33.8	W	W	W	35.5	19.0
March 1998	39.0	W	42.5	W	39.2	25.1
Minnesota						
March 1999	—	—	W	W	W	W
February 1999	—	—	W	W	W	W
March 1998	—	—	W	W	W	W
Missouri						
March 1999	W	W	W	—	W	W
February 1999	W	—	—	—	W	—
March 1998	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
Nebraska						
March 1999	W	-	-	-	W	-
February 1999	-	-	-	-	-	-
March 1998	W	-	-	-	W	-
North Dakota						
March 1999	-	-	W	-	W	-
February 1999	-	-	W	-	W	-
March 1998	-	-	W	-	W	-
Ohio						
March 1999	34.4	-	W	22.6	31.4	22.6
February 1999	32.9	-	W	NA	31.3	NA
March 1998	47.5	-	30.6	28.3	NA	28.3
Oklahoma						
March 1999	-	-	W	W	W	W
February 1999	-	-	W	-	W	-
March 1998	-	-	W	-	W	-
South Dakota						
March 1999	-	-	-	-	-	-
February 1999	-	-	-	-	-	-
March 1998	-	-	-	-	-	-
Tennessee						
March 1999	W	-	-	W	W	W
February 1999	W	-	W	W	W	W
March 1998	W	-	W	W	40.8	W
Wisconsin						
March 1999	NA	W	-	W	NA	W
February 1999	W	W	NA	W	W	W
March 1998	NA	W	-	W	NA	W
PAD District III						
March 1999	W	21.9	26.0	22.6	26.0	22.4
February 1999	W	17.5	20.9	19.5	21.0	19.2
March 1998	-	21.9	24.0	22.2	24.0	22.2
Alabama						
March 1999	-	W	NA	W	NA	W
February 1999	-	W	NA	W	NA	W
March 1998	-	W	NA	NA	NA	W
Arkansas						
March 1999	-	-	-	-	-	-
February 1999	-	-	-	-	-	-
March 1998	-	-	W	-	W	-
Louisiana						
March 1999	-	24.5	NA	22.9	NA	23.2
February 1999	W	NA	NA	18.9	NA	18.9
March 1998	-	26.4	23.4	21.7	23.4	22.2
Mississippi						
March 1999	-	W	NA	W	NA	NA
February 1999	-	W	NA	22.4	NA	20.7
March 1998	-	W	NA	W	NA	24.6
New Mexico						
March 1999	-	NA	-	-	-	NA
February 1999	-	NA	-	-	-	NA
March 1998	-	W	-	-	-	W
Texas						
March 1999	W	NA	24.6	NA	24.5	NA
February 1999	W	16.4	20.2	19.2	20.2	18.6
March 1998	-	NA	22.9	22.3	22.9	21.5
PAD District IV						
March 1999	W	W	W	W	30.6	21.4
February 1999	W	W	W	W	26.3	16.7
March 1998	W	24.5	W	W	NA	21.3
Colorado						
March 1999	-	-	-	-	-	-
February 1999	-	-	-	-	-	-
March 1998	-	-	-	-	-	-

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
Idaho						
March 1999	W	-	-	-	W	-
February 1999	W	-	-	-	W	-
March 1998	-	-	NA	-	NA	-
Montana						
March 1999	-	-	W	NA	W	NA
February 1999	-	-	W	W	W	W
March 1998	-	-	W	-	W	-
Utah						
March 1999	NA	W	-	-	NA	W
February 1999	NA	W	-	-	NA	W
March 1998	W	W	NA	-	W	W
Wyoming						
March 1999	-	W	W	W	W	W
February 1999	-	W	-	W	-	W
March 1998	-	W	W	W	W	20.8
PAD District V						
March 1999	W	29.6	26.6	NA	27.6	NA
February 1999	W	23.4	24.3	NA	26.2	NA
March 1998	W	27.4	25.0	25.1	27.3	25.7
Alaska						
March 1999	-	-	-	-	-	-
February 1999	-	-	-	-	-	-
March 1998	-	-	-	-	-	-
Arizona						
March 1999	-	W	-	-	-	W
February 1999	-	W	-	-	-	W
March 1998	W	-	-	-	W	-
California						
March 1999	W	28.9	26.8	NA	26.8	28.2
February 1999	NA	22.4	23.5	NA	23.5	24.9
March 1998	W	26.1	24.5	26.6	24.5	26.4
Hawaii						
March 1999	W	-	32.4	W	31.5	W
February 1999	W	-	31.8	W	32.0	W
March 1998	W	-	35.5	W	36.4	W
Nevada						
March 1999	-	W	-	-	-	W
February 1999	-	W	-	-	-	W
March 1998	-	W	W	-	W	W
Oregon						
March 1999	-	NA	28.1	W	28.1	NA
February 1999	-	NA	27.2	W	27.2	W
March 1998	-	W	25.7	NA	25.7	34.6
Washington						
March 1999	NA	NA	24.6	NA	24.6	NA
February 1999	NA	NA	23.1	NA	23.1	NA
March 1998	W	W	23.8	23.8	23.8	23.8

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 ^a	DTW	Rack	Bulk	Total	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total
United States												
March 1999	41,727.9	43,807.7	45,028.8	141,449.5	36,066.9	222,545.2	10,287.6	10,475.6	W	16,420.1	W	27,051.2
February 1999	40,727.3	42,535.9	42,860.2	133,545.7	32,411.3	208,817.1	10,224.7	10,399.7	W	15,643.2	W	26,176.8
March 1998	42,838.3	44,298.9	47,097.4	132,117.9	34,559.3	213,774.5	9,948.1	10,119.7	W	15,761.5	W	27,100.7
PAD District I												
March 1999	10,145.2	10,987.5	16,740.4	42,658.1	7,142.7	66,541.2	2,949.7	3,038.1	3,951.5	6,288.8	–	10,240.4
February 1999	9,941.1	10,663.6	15,904.5	40,843.9	7,305.8	64,054.1	2,845.3	2,928.0	3,934.6	5,911.6	–	9,846.3
March 1998	10,401.1	10,956.5	16,098.6	42,302.8	4,367.7	62,769.1	2,769.6	2,855.9	4,123.7	6,258.1	–	10,381.8
Subdistrict IA												
March 1999	443.9	453.7	W	W	W	7,917.4	124.8	125.4	574.5	416.1	–	990.5
February 1999	430.4	438.5	W	W	W	7,894.1	122.7	123.0	571.8	412.0	–	983.8
March 1998	425.5	433.6	W	4,235.0	W	7,398.0	118.4	118.7	599.5	438.3	–	1,037.8
Connecticut												
March 1999	W	W	810.8	1,227.7	NA	2,211.1	W	W	171.5	131.9	–	303.4
February 1999	W	W	787.0	W	W	2,268.5	W	W	W	W	–	295.6
March 1998	W	W	812.3	1,120.2	330.6	2,263.2	W	W	W	W	–	310.9
Maine												
March 1999	–	–	W	W	–	858.4	–	–	W	W	–	78.7
February 1999	–	–	W	827.1	W	913.3	–	–	W	W	–	85.6
March 1998	–	–	W	871.8	W	981.7	–	–	W	W	–	90.0
Massachusetts												
March 1999	250.8	254.0	1,524.8	W	W	3,483.0	75.1	75.3	W	W	–	440.4
February 1999	243.0	245.8	1,482.9	1,437.2	NA	3,372.5	74.0	74.0	296.1	137.2	–	433.3
March 1998	237.5	240.6	1,443.1	1,506.1	–	2,949.2	70.3	70.3	307.0	158.6	–	465.6
New Hampshire												
March 1999	66.8	66.8	178.1	112.9	–	291.0	16.9	16.9	W	W	–	46.7
February 1999	63.0	63.0	174.3	120.4	–	294.6	16.1	16.1	W	W	–	48.8
March 1998	65.5	65.6	W	W	–	207.6	15.9	15.9	W	W	–	41.6
Rhode Island												
March 1999	W	43.0	281.9	W	W	870.5	W	14.3	W	W	–	97.2
February 1999	W	43.3	272.4	522.1	NA	847.3	W	14.2	NA	42.3	–	NA
March 1998	W	W	255.5	588.1	–	843.6	W	W	53.3	56.3	–	109.6
Vermont												
March 1999	–	W	W	W	–	203.5	–	W	W	W	–	24.1
February 1999	–	W	W	W	–	198.0	–	W	W	W	–	23.3
March 1998	–	–	W	W	–	152.7	–	–	W	W	–	20.1
Subdistrict IB												
March 1999	3,370.7	3,488.4	W	12,970.7	W	28,255.5	871.6	888.0	2,012.9	1,370.9	–	3,383.8
February 1999	3,306.4	3,424.0	W	12,343.5	W	27,052.0	849.3	864.9	1,996.9	1,312.5	–	3,309.4
March 1998	3,477.6	3,625.4	9,063.9	12,540.3	3,615.0	25,219.3	825.2	843.5	2,077.6	1,425.1	–	3,502.7
Delaware												
March 1999	20.7	30.8	NA	301.4	–	521.3	6.1	6.1	NA	44.3	–	87.5
February 1999	20.1	W	NA	271.5	–	477.0	6.0	W	NA	38.6	–	80.2
March 1998	W	32.3	220.5	299.1	–	519.6	W	W	51.3	50.7	–	102.0
District of Columbia												
March 1999	–	W	NA	–	–	NA	–	W	NA	–	–	NA
February 1999	–	W	NA	–	–	NA	–	W	NA	–	–	NA
March 1998	–	6.8	111.5	–	–	111.5	–	W	NA	–	–	NA
Maryland												
March 1999	–	W	W	W	NA	3,089.0	–	W	NA	238.4	–	726.5
February 1999	–	33.7	W	1,396.7	W	2,999.9	–	6.2	W	W	–	720.0
March 1998	W	35.9	W	1,379.0	W	2,987.2	W	6.3	W	W	–	762.3
New Jersey												
March 1999	746.5	774.2	2,605.9	2,366.8	4,459.5	9,432.2	200.8	203.7	532.1	281.6	–	813.7
February 1999	723.8	749.0	2,524.4	2,292.5	4,129.6	8,946.5	191.9	194.9	527.5	287.8	–	815.4
March 1998	781.2	803.1	2,535.9	2,373.2	2,182.1	7,091.3	197.2	200.3	543.2	303.6	–	846.8
New York												
March 1999	1,296.4	1,330.4	3,085.1	3,931.9	NA	7,387.8	248.9	253.4	559.0	222.0	–	781.0
February 1999	1,281.8	1,311.9	2,694.2	3,783.3	NA	6,866.6	242.8	247.3	554.1	212.6	–	766.7
March 1998	1,313.1	1,350.4	2,644.9	3,741.6	370.0	6,756.5	231.4	237.3	572.7	226.6	–	799.3
Pennsylvania												
March 1999	1,307.1	1,322.5	1,978.1	W	W	7,708.1	415.9	417.3	321.8	584.6	–	906.5
February 1999	1,280.8	1,294.9	W	4,599.6	W	7,651.8	408.6	409.4	W	W	–	860.5
March 1998	1,358.9	1,397.0	W	4,747.3	W	7,753.2	389.8	392.4	W	W	–	922.8

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 ^a	DTW	Rack	Bulk	Total	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total
United States												
March 1999	9,755.4	10,187.1	W	33,126.8	W	54,932.7	61,770.9	64,470.4	73,119.6	190,996.4	40,413.1	304,529.1
February 1999	10,227.0	10,633.8	W	32,510.8	W	55,323.3	61,179.0	63,569.4	71,068.3	181,699.7	37,549.2	290,317.2
March 1998	9,650.2	9,903.4	W	28,609.9	W	50,182.9	62,436.6	64,322.0	76,206.4	176,489.3	38,362.4	291,058.1
PAD District I												
March 1999	3,463.2	3,651.0	8,924.1	13,147.8	1,000.0	23,071.9	16,558.1	17,676.5	29,616.1	62,094.7	8,142.7	99,853.5
February 1999	3,588.3	3,748.3	9,073.6	12,774.1	1,531.6	23,379.3	16,374.6	17,340.0	28,912.8	59,529.6	8,837.4	97,279.8
March 1998	3,305.6	3,418.9	8,789.9	11,845.2	1,702.3	22,337.3	16,476.4	17,231.3	29,012.2	60,406.1	6,069.9	95,488.2
Subdistrict IA												
March 1999	145.8	146.3	W	W	W	2,054.8	714.6	725.4	4,389.4	5,764.1	NA	10,962.8
February 1999	147.2	147.8	W	W	W	2,137.3	700.4	709.3	4,316.4	5,713.4	NA	11,015.2
March 1998	139.7	139.7	W	964.5	W	1,935.5	683.6	692.1	4,287.9	5,637.8	445.5	10,371.3
Connecticut												
March 1999	W	W	298.8	339.7	—	638.5	W	W	1,281.0	1,699.4	NA	3,153.0
February 1999	W	W	W	335.0	W	681.5	W	W	1,259.2	W	W	3,245.6
March 1998	W	W	W	277.1	W	619.5	W	W	1,294.0	W	W	3,193.6
Maine												
March 1999	—	—	W	W	—	153.2	—	—	W	W	—	1,090.3
February 1999	—	—	W	W	W	178.1	—	—	W	1,067.1	W	1,177.0
March 1998	—	—	W	W	—	154.7	—	—	W	1,100.2	W	1,226.4
Massachusetts												
March 1999	82.7	82.8	W	371.2	W	937.8	408.6	412.1	2,312.9	W	W	4,861.3
February 1999	83.7	83.8	490.6	363.7	NA	948.9	400.7	403.5	2,269.6	1,938.1	NA	4,754.7
March 1998	79.5	79.5	486.8	367.6	—	854.4	387.4	390.4	2,236.8	2,032.4	—	4,269.2
New Hampshire												
March 1999	18.8	18.8	W	W	—	63.6	102.4	102.4	255.9	145.4	—	401.3
February 1999	18.1	18.1	W	W	—	67.3	97.3	97.3	253.5	157.2	—	410.7
March 1998	18.1	18.1	42.4	6.0	—	48.4	99.5	99.6	251.0	46.5	—	297.5
Rhode Island												
March 1999	W	12.1	87.4	132.5	—	219.9	W	69.5	W	706.4	W	1,187.6
February 1999	W	12.7	87.9	132.3	—	220.2	W	70.2	NA	696.7	NA	1,164.7
March 1998	W	W	80.8	145.6	—	226.4	W	W	389.5	790.0	—	1,179.6
Vermont												
March 1999	—	W	W	W	—	41.8	—	W	W	W	—	269.4
February 1999	—	W	W	W	—	41.3	—	W	W	W	—	262.5
March 1998	—	—	W	W	—	32.2	—	—	W	W	—	205.0
Subdistrict IB												
March 1999	1,091.8	1,111.6	W	3,551.8	W	9,819.6	5,334.1	5,488.0	17,073.7	17,893.4	6,491.9	41,458.9
February 1999	1,141.9	1,161.4	W	3,468.6	W	10,261.1	5,297.5	5,450.4	16,527.9	17,124.7	6,969.9	40,622.5
March 1998	1,087.3	1,110.9	5,271.3	3,177.5	1,592.5	10,041.3	5,390.1	5,579.9	16,412.9	17,142.9	5,207.5	38,763.3
Delaware												
March 1999	6.2	7.5	NA	71.9	—	130.7	33.0	44.5	NA	417.5	—	739.5
February 1999	6.2	W	NA	64.4	—	121.7	32.3	44.8	NA	374.6	—	678.9
March 1998	W	W	57.5	69.9	—	127.5	W	45.6	329.4	419.7	—	749.1
District of Columbia												
March 1999	—	W	NA	—	—	NA	—	7.7	NA	—	—	NA
February 1999	—	W	NA	—	—	NA	—	6.5	NA	—	—	NA
March 1998	—	W	NA	—	—	NA	—	9.9	331.8	—	—	331.8
Maryland												
March 1999	—	W	W	W	NA	1,295.9	—	39.5	NA	2,103.2	NA	5,111.4
February 1999	—	7.5	W	465.9	W	1,357.3	—	47.4	2,925.8	W	W	5,077.3
March 1998	W	7.8	793.0	416.2	—	1,209.1	W	50.0	2,887.5	W	W	4,958.6
New Jersey												
March 1999	345.4	349.5	1,580.9	937.3	412.0	2,930.2	1,292.7	1,327.4	4,718.9	3,585.6	4,871.5	13,176.0
February 1999	349.0	352.9	1,604.7	903.9	674.2	3,182.8	1,264.6	1,296.7	4,656.6	3,484.2	4,803.8	12,944.6
March 1998	356.1	360.7	1,567.2	877.3	544.0	2,988.5	1,334.5	1,364.1	4,646.3	3,554.1	2,726.1	10,926.5
New York												
March 1999	374.1	378.2	2,049.5	940.9	143.4	3,133.9	1,919.4	1,962.0	5,693.6	5,094.9	NA	11,302.7
February 1999	408.7	412.5	2,098.2	930.5	NA	3,181.6	1,933.2	1,971.6	5,346.5	4,926.3	NA	10,814.9
March 1998	368.5	373.9	1,997.3	793.5	778.0	3,568.8	1,913.0	1,961.5	5,214.9	4,761.7	1,148.0	11,124.6
Pennsylvania												
March 1999	366.1	367.2	707.5	W	W	2,174.8	2,089.1	2,107.0	3,007.4	6,692.1	1,089.8	10,789.4
February 1999	378.0	379.0	716.9	1,103.9	442.9	2,263.6	2,067.4	2,083.3	2,963.9	W	W	10,776.0
March 1998	356.0	359.5	705.6	1,020.6	270.4	1,996.7	2,104.6	2,148.8	3,003.0	W	W	10,672.6

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 ^a	DTW	Rack	Bulk	Total	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total
Subdistrict IC												
March 1999	6,330.6	7,045.5	NA	W	W	30,368.3	1,953.2	2,024.6	NA	4,501.8	—	5,866.0
February 1999	6,204.3	6,801.1	NA	W	W	29,108.0	1,873.3	1,940.1	NA	4,187.1	—	5,553.1
March 1998	6,498.0	6,897.5	W	25,527.5	W	30,151.8	1,826.1	1,893.6	1,446.5	4,394.7	—	5,841.3
Florida												
March 1999	3,058.4	3,226.1	NA	6,570.1	NA	9,206.0	920.5	945.6	NA	1,253.2	—	2,027.3
February 1999	2,950.0	3,105.0	NA	6,323.4	NA	8,938.3	884.5	908.4	NA	1,170.2	—	1,952.0
March 1998	3,028.2	3,168.6	W	6,471.5	W	8,928.5	845.8	871.7	W	W	—	2,036.1
Georgia												
March 1999	1,188.1	1,285.4	478.9	5,329.8	NA	5,878.3	403.8	425.9	NA	770.6	—	969.8
February 1999	1,158.2	1,236.8	469.4	5,166.1	NA	5,728.6	395.4	413.9	NA	705.7	—	905.6
March 1998	1,303.3	1,374.4	500.1	5,507.5	—	6,007.6	400.5	420.2	220.0	749.1	—	969.1
North Carolina												
March 1999	508.5	803.6	W	6,332.7	W	6,503.6	157.0	160.6	W	W	—	1,255.3
February 1999	521.2	733.3	W	6,040.7	W	6,082.9	156.5	160.8	W	W	—	1,175.9
March 1998	536.5	637.8	W	6,248.0	W	6,360.5	147.0	150.0	W	W	—	1,223.0
South Carolina												
March 1999	564.8	631.8	W	W	W	3,087.6	183.7	191.8	W	W	—	515.2
February 1999	570.1	645.8	W	W	W	2,861.4	153.2	161.4	W	W	—	474.0
March 1998	591.3	626.6	W	W	—	3,056.0	154.9	161.4	W	W	—	505.9
Virginia												
March 1999	622.7	699.2	NA	W	W	5,316.2	187.4	198.4	NA	692.6	—	1,043.3
February 1999	618.8	685.1	NA	W	W	5,176.4	182.2	192.0	NA	651.9	—	997.8
March 1998	641.0	682.6	1,147.8	W	W	5,376.3	177.7	188.1	358.0	688.1	—	1,046.2
West Virginia												
March 1999	388.1	399.3	W	W	—	376.6	100.8	102.3	W	W	—	55.1
February 1999	385.9	395.1	W	W	—	320.5	101.5	103.6	W	W	—	47.8
March 1998	397.6	407.5	119.8	303.1	—	423.0	100.2	102.2	W	W	—	61.0
PAD District II												
March 1999	13,459.7	14,083.7	NA	51,231.5	4,279.6	62,520.9	2,756.5	2,801.5	NA	4,459.5	—	6,257.6
February 1999	13,475.5	14,077.6	NA	48,760.0	5,539.4	61,004.9	2,961.0	3,005.9	NA	4,302.7	—	6,129.3
March 1998	14,489.8	15,004.8	9,607.3	46,595.5	5,876.8	62,079.6	2,904.1	2,935.9	2,154.4	4,111.5	—	6,265.8
Illinois												
March 1999	2,144.6	2,161.4	NA	W	W	7,092.2	493.5	493.9	NA	434.0	—	NA
February 1999	2,088.9	2,105.3	NA	4,930.7	1,566.9	7,908.0	541.3	541.8	NA	443.3	—	NA
March 1998	2,173.6	2,187.9	1,828.7	W	W	7,578.1	494.3	494.6	613.9	487.2	—	1,101.1
Indiana												
March 1999	1,103.5	1,137.2	NA	4,222.7	460.7	5,270.7	236.9	237.1	NA	438.2	—	580.9
February 1999	1,103.4	1,129.3	NA	3,920.2	312.3	4,797.2	269.0	269.0	NA	429.9	—	576.0
March 1998	1,157.7	1,180.7	W	3,146.3	W	4,595.6	250.0	250.5	190.4	375.6	—	566.0
Iowa												
March 1999	110.5	112.4	NA	2,674.3	—	2,739.7	W	W	NA	370.3	—	390.8
February 1999	112.0	W	NA	2,652.1	—	2,715.0	W	W	NA	320.4	—	341.5
March 1998	173.3	176.7	W	W	—	2,561.5	4.9	4.9	W	W	—	322.5
Kansas												
March 1999	448.2	463.1	NA	W	W	3,255.9	49.7	50.6	W	W	—	78.7
February 1999	442.5	457.1	NA	W	W	2,730.3	51.5	52.3	NA	54.1	—	76.6
March 1998	464.2	480.5	W	W	651.5	3,283.2	46.9	46.9	W	W	—	67.4
Kentucky												
March 1999	W	559.5	NA	3,088.3	—	3,217.8	123.2	124.8	W	W	—	440.3
February 1999	W	569.3	NA	2,987.5	—	3,108.4	130.2	132.7	W	W	—	449.4
March 1998	580.6	631.0	342.4	2,880.0	—	3,222.4	136.9	139.0	44.1	356.1	—	400.2
Michigan												
March 1999	2,228.2	2,327.2	1,654.8	5,664.0	—	7,318.7	351.6	353.2	368.9	252.2	—	621.2
February 1999	2,176.9	2,275.1	1,594.8	5,468.7	—	7,063.4	367.6	369.5	378.4	262.4	—	640.9
March 1998	2,330.6	2,455.4	2,444.5	5,083.4	—	7,527.8	359.0	361.8	461.5	217.8	—	679.3
Minnesota												
March 1999	782.7	794.9	W	3,080.4	W	3,668.4	143.7	143.7	W	W	—	690.7
February 1999	779.0	791.3	W	3,010.5	W	3,672.3	156.3	156.3	W	W	—	536.8
March 1998	863.7	881.3	W	2,977.5	W	3,528.4	153.7	154.0	W	W	—	541.8
Missouri												
March 1999	NA	NA	NA	3,979.4	—	4,288.1	NA	NA	NA	113.0	—	NA
February 1999	611.7	636.0	NA	3,684.3	—	3,979.3	NA	NA	NA	111.9	—	NA
March 1998	706.5	724.3	370.2	3,665.9	—	4,036.1	128.0	128.3	107.1	85.7	—	192.8

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 ^a	DTW	Rack	Bulk	Total	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total
Subdistrict IC												
March 1999	2,225.6	2,393.1	NA	W	W	11,197.5	10,509.4	11,463.2	NA	38,437.2	NA	47,431.8
February 1999	2,299.2	2,439.2	NA	W	W	10,981.0	10,376.8	11,180.3	NA	36,691.5	NA	45,642.1
March 1998	2,078.6	2,168.3	W	7,703.2	W	10,360.5	10,402.6	10,959.4	8,311.4	37,625.4	416.9	46,353.6
Florida												
March 1999	1,261.1	1,288.3	NA	2,252.1	—	3,870.6	5,240.0	5,460.0	NA	10,075.3	NA	15,103.9
February 1999	1,278.5	1,300.5	NA	2,180.2	—	3,833.7	5,113.0	5,313.9	NA	9,673.8	NA	14,724.0
March 1998	1,130.6	1,154.8	1,616.5	2,028.2	—	3,644.7	5,004.6	5,195.2	4,811.2	W	W	14,609.3
Georgia												
March 1999	396.9	429.6	NA	1,749.5	—	2,021.5	1,988.8	2,140.9	NA	7,849.9	NA	8,869.6
February 1999	410.4	438.9	NA	1,693.9	—	1,969.3	1,964.0	2,089.6	NA	7,565.7	NA	8,603.5
March 1998	402.1	426.5	272.4	1,600.3	—	1,872.7	2,105.9	2,221.1	992.5	7,856.9	—	8,849.4
North Carolina												
March 1999	141.4	208.7	W	W	W	2,254.6	806.9	1,173.0	W	9,820.6	W	10,013.5
February 1999	151.4	205.6	W	W	W	2,162.5	829.1	1,099.6	W	9,357.1	W	9,421.3
March 1998	137.1	155.1	W	W	—	1,972.4	820.6	942.8	W	9,410.2	W	9,555.9
South Carolina												
March 1999	144.7	159.4	W	W	—	985.6	893.2	983.0	W	W	W	4,588.4
February 1999	151.8	166.1	W	W	—	952.7	875.1	973.2	W	W	W	4,288.1
March 1998	139.5	149.6	W	W	—	867.2	885.7	937.6	W	W	—	4,429.1
Virginia												
March 1999	221.1	244.5	NA	W	W	1,978.2	1,031.1	1,142.1	NA	5,813.1	NA	8,337.7
February 1999	241.9	261.5	NA	W	W	1,985.6	1,042.9	1,138.6	NA	5,570.6	NA	8,159.8
March 1998	209.0	220.3	646.9	W	W	1,914.5	1,027.8	1,091.0	2,152.7	5,919.0	265.2	8,336.9
West Virginia												
March 1999	60.5	62.5	W	W	—	87.0	549.4	564.2	W	W	—	518.7
February 1999	65.2	66.7	W	W	—	77.1	552.6	565.4	W	W	—	445.4
March 1998	60.2	62.0	W	W	—	89.1	558.0	571.6	147.8	425.2	—	573.1
PAD District II												
March 1999	2,244.4	2,396.9	NA	8,969.3	NA	11,453.8	18,460.5	19,282.2	NA	64,660.2	4,648.1	80,232.3
February 1999	2,595.1	2,738.9	NA	9,226.5	515.7	11,930.7	19,031.5	19,822.5	NA	62,289.1	6,055.1	79,064.9
March 1998	2,487.0	2,558.7	2,565.9	7,776.4	271.5	10,613.8	19,880.8	20,499.3	14,327.5	58,483.4	6,148.3	78,959.2
Illinois												
March 1999	468.9	486.7	NA	W	W	1,577.5	3,107.0	3,142.1	NA	6,333.0	586.0	9,668.9
February 1999	511.9	525.1	NA	877.6	202.5	1,793.8	3,142.0	3,172.2	NA	6,251.6	1,769.4	10,707.1
March 1998	495.5	499.9	766.1	W	W	1,587.9	3,163.4	3,182.5	3,208.7	5,751.5	1,306.9	10,267.1
Indiana												
March 1999	185.3	187.0	NA	783.3	72.7	1,043.1	1,525.6	1,561.2	NA	5,444.2	533.5	6,894.8
February 1999	229.5	230.6	NA	817.6	55.7	1,068.3	1,601.8	1,628.9	NA	5,167.7	368.0	6,441.4
March 1998	222.0	222.1	W	599.5	W	893.2	1,629.8	1,653.3	1,540.0	4,121.4	393.5	6,054.8
Iowa												
March 1999	W	W	NA	203.3	—	216.6	126.5	128.4	NA	3,247.9	—	3,347.1
February 1999	W	11.7	NA	200.5	—	214.3	129.7	132.6	NA	3,173.0	—	3,270.8
March 1998	15.7	16.0	W	W	—	239.8	193.8	197.6	W	W	—	3,123.9
Kansas												
March 1999	56.3	59.1	W	291.9	W	337.3	554.2	572.7	NA	W	W	3,671.9
February 1999	61.1	62.8	NA	W	W	348.7	555.0	572.3	NA	2,638.4	389.7	3,155.5
March 1998	60.5	62.3	W	255.7	W	285.8	571.5	589.6	W	2,816.2	W	3,636.4
Kentucky												
March 1999	W	109.4	W	W	—	811.7	720.6	793.6	NA	4,274.6	—	4,469.8
February 1999	100.9	125.9	W	W	—	848.3	W	827.9	NA	4,219.5	—	4,406.0
March 1998	109.7	116.9	91.7	704.4	—	796.1	827.3	886.8	478.2	3,940.5	—	4,418.7
Michigan												
March 1999	258.9	282.9	400.9	970.2	NA	1,375.5	2,838.7	2,963.3	2,424.6	6,886.4	NA	9,315.5
February 1999	305.8	329.7	413.4	1,010.9	—	1,424.3	2,850.2	2,974.3	2,386.6	6,742.0	—	9,128.6
March 1998	272.4	294.2	516.2	844.3	—	1,360.5	2,961.9	3,111.4	3,422.1	6,145.4	—	9,567.5
Minnesota												
March 1999	92.4	92.4	W	W	W	482.2	1,018.8	1,030.9	W	4,063.5	W	4,841.3
February 1999	99.7	99.7	W	W	W	519.7	1,035.0	1,047.3	W	3,867.4	W	4,728.8
March 1998	90.9	90.9	W	W	W	409.0	1,108.4	1,126.2	W	3,786.7	W	4,479.1
Missouri												
March 1999	W	W	NA	625.0	—	714.0	W	W	NA	4,717.4	—	5,204.5
February 1999	NA	108.8	NA	622.5	—	714.8	NA	871.0	NA	4,418.6	—	4,897.6
March 1998	108.4	108.8	101.6	532.2	—	633.8	942.8	961.5	578.9	4,283.8	—	4,862.7

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 ^a	DTW	Rack	Bulk	Total	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total
Nebraska												
March 1999	44.6	W	NA	1,659.2	—	1,749.3	W	W	NA	80.3	—	95.7
February 1999	43.8	47.8	NA	1,532.4	—	1,618.1	W	W	NA	78.9	—	94.7
March 1998	88.5	89.5	109.3	1,478.2	—	1,587.5	W	W	W	W	—	98.2
North Dakota												
March 1999	W	W	NA	730.3	—	775.6	W	W	NA	31.4	—	NA
February 1999	W	W	NA	639.5	—	682.9	W	W	NA	31.4	—	NA
March 1998	W	W	W	W	—	788.0	—	—	W	W	—	43.1
Ohio												
March 1999	3,351.8	3,503.9	W	4,678.6	W	6,379.7	803.9	824.9	NA	408.7	—	742.5
February 1999	3,449.3	3,591.5	1,578.5	W	W	6,499.3	867.5	887.4	W	W	—	791.9
March 1998	3,629.7	3,798.9	2,164.1	W	W	6,642.5	869.1	894.1	W	W	—	820.6
Oklahoma												
March 1999	NA	NA	NA	2,929.1	2,247.5	5,224.4	NA	NA	NA	35.9	—	39.0
February 1999	627.0	656.2	NA	2,669.5	2,674.8	5,390.0	118.9	119.2	NA	33.1	—	36.3
March 1998	686.4	727.1	W	W	3,114.7	5,903.6	119.9	120.1	W	W	—	41.9
South Dakota												
March 1999	5.1	6.7	NA	910.7	—	935.3	W	W	NA	61.0	—	68.2
February 1999	5.3	8.3	NA	785.4	—	809.6	W	W	NA	50.7	—	58.1
March 1998	W	W	24.6	799.9	—	824.6	W	W	W	W	—	62.4
Tennessee												
March 1999	961.6	1,124.7	W	5,530.7	W	5,809.7	238.4	257.3	W	W	—	1,001.7
February 1999	NA	1,099.1	W	5,176.5	W	5,462.6	NA	NA	W	W	—	989.2
March 1998	1,016.7	1,042.9	256.4	4,929.1	—	5,185.5	259.9	260.3	92.7	895.9	—	988.6
Wisconsin												
March 1999	570.0	589.3	W	W	—	4,795.3	76.8	76.8	W	W	—	263.8
February 1999	579.8	592.4	W	W	—	4,568.6	82.0	82.0	W	W	—	286.6
March 1998	603.2	611.4	374.4	W	W	4,814.9	79.9	80.0	W	W	—	339.9
PAD District III												
March 1999	NA	6,464.6	NA	28,754.8	20,094.7	50,330.8	1,669.1	1,686.5	NA	3,674.2	—	4,126.3
February 1999	6,154.6	6,296.6	NA	27,561.3	14,032.7	43,005.7	1,637.1	1,654.3	NA	3,511.5	—	3,958.2
March 1998	6,582.2	6,743.8	1,741.8	27,180.0	19,203.1	48,124.9	1,677.6	1,695.6	518.0	3,621.4	—	4,139.4
Alabama												
March 1999	212.9	246.8	NA	W	W	3,652.5	69.9	77.1	W	W	—	688.3
February 1999	216.1	248.9	NA	3,414.6	—	3,489.9	70.1	77.0	NA	622.8	—	649.9
March 1998	264.6	292.4	80.8	3,485.5	—	3,566.3	79.1	84.7	30.4	636.1	—	666.5
Arkansas												
March 1999	NA	NA	W	2,645.9	W	2,937.5	NA	NA	W	W	—	314.5
February 1999	170.1	176.4	W	2,511.8	W	2,775.5	33.7	34.3	W	W	—	298.7
March 1998	198.3	200.4	W	2,717.0	W	3,126.9	39.4	39.4	W	W	—	330.2
Louisiana												
March 1999	712.7	727.7	NA	3,087.5	1,867.4	5,179.0	223.8	224.1	NA	443.4	—	531.9
February 1999	704.8	719.4	NA	2,852.8	1,565.1	4,604.3	220.8	221.3	NA	431.0	—	506.1
March 1998	714.6	726.1	228.5	2,853.4	1,745.0	4,826.9	215.5	215.9	96.2	505.5	—	601.7
Mississippi												
March 1999	101.0	119.1	4.5	W	W	2,852.7	22.8	26.7	W	W	—	332.1
February 1999	98.4	118.3	4.5	W	W	2,423.0	27.0	31.0	W	W	—	333.8
March 1998	99.0	112.1	7.0	W	W	2,870.5	22.7	25.5	W	W	—	350.9
New Mexico												
March 1999	437.7	438.5	W	W	—	1,534.0	91.2	91.2	W	W	—	103.7
February 1999	448.6	450.1	W	W	—	1,393.4	90.8	90.8	W	W	—	90.8
March 1998	437.2	439.4	W	W	—	1,364.0	83.4	83.4	W	W	—	141.6
Texas												
March 1999	NA	NA	NA	15,903.6	17,233.0	34,175.1	NA	NA	NA	1,835.1	—	2,155.7
February 1999	4,516.6	4,583.6	NA	15,361.5	11,931.8	28,319.6	1,194.7	1,200.0	NA	1,748.5	—	2,079.0
March 1998	4,868.5	4,973.5	1,310.3	14,543.1	16,516.9	32,370.3	1,237.4	1,246.9	372.4	1,676.1	—	2,048.5
PAD District IV												
March 1999	1,864.5	1,989.1	W	5,795.0	W	6,437.5	NA	NA	W	W	—	824.1
February 1999	1,702.2	1,823.2	W	5,122.8	W	5,747.6	649.3	658.2	W	W	—	751.8
March 1998	1,735.0	1,836.1	W	5,135.8	W	5,855.7	598.3	621.6	W	W	—	764.8
Colorado												
March 1999	NA	NA	W	2,073.2	W	2,243.0	NA	NA	58.5	294.9	—	353.5
February 1999	1,213.8	1,217.5	NA	W	W	2,076.8	458.5	458.8	NA	266.6	—	317.5
March 1998	1,223.7	1,224.7	W	1,894.3	W	2,076.1	406.1	406.1	W	W	—	328.5

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 ^a	DTW	Rack	Bulk	Total	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total
Nebraska												
March 1999	W	5.8	NA	123.7	—	141.4	51.4	53.9	NA	1,863.1	—	1,986.4
February 1999	W	W	NA	124.8	—	143.2	51.5	55.5	NA	1,736.0	—	1,856.0
March 1998	W	W	W	W	—	125.6	100.9	101.9	W	W	—	1,811.3
North Dakota												
March 1999	W	W	NA	45.1	—	52.0	W	W	NA	806.8	—	870.1
February 1999	W	W	NA	45.3	—	52.5	W	W	NA	716.1	—	778.1
March 1998	W	W	W	W	—	51.4	W	4.3	W	W	—	882.5
Ohio												
March 1999	473.8	498.3	W	827.5	W	1,241.2	4,629.5	4,827.0	2,382.4	5,914.9	66.3	8,363.5
February 1999	582.8	606.9	419.4	934.8	—	1,354.3	4,899.6	5,085.7	W	6,074.8	W	8,645.4
March 1998	558.9	581.1	505.1	732.0	—	1,237.1	5,057.7	5,274.1	W	5,397.9	W	8,700.2
Oklahoma												
March 1999	105.8	111.1	NA	610.0	NA	825.6	783.6	819.4	NA	3,574.9	2,450.4	6,089.0
February 1999	130.2	136.0	NA	561.4	NA	760.7	876.1	911.3	NA	3,264.0	2,860.8	6,187.0
March 1998	127.1	135.5	W	497.1	W	645.5	933.4	982.8	W	3,262.7	W	6,591.1
South Dakota												
March 1999	W	W	NA	72.1	—	76.9	9.2	10.9	NA	1,043.7	—	1,080.4
February 1999	W	0.8	NA	66.3	—	71.3	9.4	W	NA	902.4	—	939.0
March 1998	W	W	W	W	—	63.5	W	13.8	39.3	911.2	—	950.5
Tennessee												
March 1999	340.5	389.4	W	W	—	1,949.8	1,540.4	1,771.4	W	8,347.5	W	8,761.3
February 1999	376.6	421.9	NA	1,872.9	—	1,945.9	NA	1,779.3	270.3	W	W	8,397.7
March 1998	345.0	349.4	109.5	1,585.6	—	1,695.1	1,621.6	1,652.6	458.5	7,410.6	—	7,869.1
Wisconsin												
March 1999	63.3	64.7	W	W	—	608.7	710.1	730.8	W	W	—	5,667.8
February 1999	70.9	72.3	W	W	—	670.7	732.8	746.7	W	W	—	5,525.9
March 1998	69.1	69.7	69.9	519.5	—	589.4	752.2	761.1	W	5,217.6	W	5,744.3
PAD District III												
March 1999	1,680.3	1,712.6	NA	7,338.2	2,086.9	10,077.9	NA	9,863.8	NA	39,767.2	22,181.7	64,535.0
February 1999	1,677.7	1,714.7	NA	7,094.0	2,155.8	9,880.3	9,469.4	9,665.7	NA	38,166.8	16,188.5	56,844.2
March 1998	1,636.1	1,654.2	721.0	6,128.2	1,275.9	8,125.1	9,895.8	10,093.6	2,980.7	36,929.6	20,478.9	60,389.3
Alabama												
March 1999	59.9	69.2	W	W	—	1,279.0	342.7	393.1	NA	W	W	5,619.8
February 1999	64.0	74.6	NA	1,196.3	—	1,232.0	350.3	400.5	NA	5,233.6	—	5,371.9
March 1998	70.5	78.1	35.7	1,092.2	—	1,127.9	414.2	455.2	146.9	5,213.7	—	5,360.6
Arkansas												
March 1999	NA	NA	W	W	W	839.2	NA	NA	W	3,631.5	W	4,091.2
February 1999	38.6	39.6	W	W	W	756.4	242.4	250.3	W	3,451.6	W	3,830.5
March 1998	36.5	36.5	W	W	W	715.4	274.2	276.3	W	3,643.0	W	4,172.5
Louisiana												
March 1999	221.8	225.3	NA	943.6	499.5	1,612.9	1,158.3	1,177.1	NA	4,474.4	2,366.9	7,323.8
February 1999	224.4	228.1	NA	910.5	925.9	1,976.3	1,150.1	1,168.8	NA	4,194.3	2,491.0	7,086.7
March 1998	195.0	197.0	165.8	849.7	475.6	1,491.1	1,125.1	1,139.0	490.5	4,208.5	2,220.6	6,919.7
Mississippi												
March 1999	22.7	27.8	W	W	W	856.3	146.5	173.6	7.7	3,163.5	869.8	4,041.1
February 1999	24.1	28.1	W	W	W	765.6	149.5	177.4	7.9	W	W	3,522.5
March 1998	21.1	24.0	W	W	W	686.5	142.8	161.5	11.3	W	W	3,908.0
New Mexico												
March 1999	59.9	60.2	W	W	—	307.5	588.9	590.0	W	W	—	1,945.2
February 1999	62.5	62.5	W	W	—	277.4	601.9	603.4	W	W	—	1,761.6
March 1998	58.1	58.1	W	W	—	220.4	578.6	580.9	W	W	—	1,726.1
Texas												
March 1999	NA	1,294.2	NA	3,518.9	1,249.0	5,183.1	NA	NA	NA	21,257.6	18,481.9	41,513.9
February 1999	1,264.1	1,281.7	NA	3,422.6	1,022.5	4,872.5	6,975.4	7,065.3	NA	20,532.5	12,954.3	35,271.1
March 1998	1,254.8	1,260.4	498.7	2,722.5	662.5	3,883.7	7,360.8	7,480.7	2,181.4	18,941.7	17,179.4	38,302.5
PAD District IV												
March 1999	NA	NA	W	W	W	1,637.6	3,044.0	NA	W	7,932.4	W	8,899.3
February 1999	431.0	466.5	W	W	W	1,491.4	2,782.4	2,948.0	W	7,061.4	W	7,990.9
March 1998	390.1	417.2	W	W	—	1,282.1	2,723.4	2,874.9	W	6,862.2	W	7,902.6
Colorado												
March 1999	329.2	NA	W	502.4	W	563.1	2,195.7	NA	W	2,870.5	W	3,159.6
February 1999	307.6	308.1	NA	W	W	531.2	1,979.8	1,984.4	NA	W	W	2,925.5
March 1998	269.9	270.1	W	W	—	432.6	1,899.7	1,900.9	W	2,536.7	W	2,837.3

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 ^a	DTW	Rack	Bulk	Total	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total
Idaho												
March 1999	100.7	119.2	W	W	—	1,104.0	W	11.7	W	W	—	118.3
February 1999	99.1	116.9	W	W	—	931.7	10.9	11.5	W	W	—	107.3
March 1998	98.8	111.7	169.5	801.8	—	971.3	9.9	11.3	W	W	—	110.5
Montana												
March 1999	W	11.5	W	W	—	1,086.2	W	W	—	W	—	W
February 1999	W	11.1	—	930.1	—	930.1	W	W	—	49.3	—	49.3
March 1998	W	13.0	W	W	—	950.2	W	W	—	W	—	W
Utah												
March 1999	372.2	470.3	351.5	1,152.6	—	1,504.2	184.6	193.3	73.8	240.7	—	314.5
February 1999	347.6	445.1	349.8	1,028.8	—	1,378.6	172.6	180.6	W	W	—	273.9
March 1998	365.8	449.6	365.4	995.3	—	1,360.7	174.8	196.6	W	W	—	276.8
Wyoming												
March 1999	W	37.5	W	W	—	500.2	NA	W	—	W	—	W
February 1999	W	32.7	NA	428.6	—	430.4	W	W	—	3.9	—	3.9
March 1998	W	37.0	W	W	—	497.4	W	W	—	W	—	W
PAD District V												
March 1999	10,011.4	10,282.8	W	13,010.2	W	36,714.7	2,188.5	2,215.6	4,277.9	W	W	5,602.8
February 1999	9,454.0	9,674.8	W	11,257.8	W	35,004.8	2,132.0	2,153.3	4,179.3	W	W	5,491.2
March 1998	9,630.2	9,757.7	W	10,903.7	W	34,945.2	1,998.5	2,010.7	W	W	W	5,549.0
Alaska												
March 1999	241.3	245.4	W	255.8	W	350.1	NA	NA	W	W	—	8.0
February 1999	229.2	232.5	W	226.9	W	317.3	20.1	20.1	W	W	—	9.0
March 1998	200.4	205.1	W	210.5	W	324.8	15.8	15.8	W	W	—	8.1
Arizona												
March 1999	2,182.3	2,196.9	1,243.2	1,278.3	NA	2,680.7	382.7	382.7	179.2	85.7	—	264.8
February 1999	2,103.8	2,120.5	1,191.4	1,154.3	NA	2,478.5	381.7	381.7	177.5	79.6	—	257.0
March 1998	1,851.4	1,862.5	1,275.3	1,019.3	148.7	2,443.3	293.1	293.6	189.5	68.2	—	257.6
California												
March 1999	5,747.1	5,908.1	13,948.7	NA	NA	23,455.7	1,437.8	1,453.8	W	676.1	W	4,061.1
February 1999	5,379.3	5,488.9	13,268.7	5,132.5	4,517.7	22,918.9	1,397.9	1,409.4	W	694.8	W	4,021.4
March 1998	5,568.4	5,608.3	13,859.5	4,576.0	4,025.2	22,460.6	1,350.4	1,354.8	3,444.9	W	W	4,138.8
Hawaii												
March 1999	150.0	227.2	296.3	W	W	379.0	NA	36.6	W	W	—	88.0
February 1999	144.1	220.9	265.1	59.4	—	324.5	NA	32.9	82.6	2.2	—	84.9
March 1998	141.3	199.2	333.5	57.3	—	390.8	23.1	30.2	W	W	—	94.7
Nevada												
March 1999	143.4	148.8	837.8	653.5	NA	1,613.5	29.7	29.7	175.3	48.4	—	223.7
February 1999	137.7	142.3	824.3	NA	120.1	1,530.3	30.3	30.3	172.6	NA	—	219.1
March 1998	149.3	157.5	798.9	W	W	1,427.6	30.3	30.3	158.7	47.9	—	206.6
Oregon												
March 1999	439.4	445.2	833.1	NA	NA	NA	62.3	62.3	96.6	NA	—	NA
February 1999	405.0	410.9	767.9	NA	NA	2,717.3	58.6	58.6	91.0	NA	—	NA
March 1998	490.1	491.6	812.0	W	W	2,868.8	61.0	61.0	94.6	122.6	—	217.2
Washington												
March 1999	1,107.9	1,111.3	1,992.2	W	W	5,220.2	229.1	229.1	359.8	289.0	—	648.8
February 1999	1,054.9	1,058.9	1,894.8	2,505.0	NA	4,718.1	220.3	220.3	347.1	271.8	—	618.9
March 1998	1,229.4	1,233.6	W	2,676.6	W	5,029.3	224.8	224.9	356.9	269.1	—	626.0

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 ^a	DTW	Rack	Bulk	Total	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total
Idaho												
March 1999	W	9.0	W	W	—	203.1	120.1	139.9	W	W	—	1,425.3
February 1999	8.8	9.3	W	W	—	172.5	118.8	137.7	W	W	—	1,211.5
March 1998	8.2	8.5	W	W	—	154.8	116.9	131.5	230.4	1,006.2	—	1,236.6
Montana												
March 1999	W	W	W	276.8	—	W	W	15.4	W	W	—	1,398.0
February 1999	W	W	—	241.4	—	241.4	W	15.0	—	1,220.8	—	1,220.8
March 1998	W	W	—	W	—	W	W	16.9	W	W	—	1,211.2
Utah												
March 1999	110.5	137.0	104.5	362.3	—	466.8	667.3	800.6	529.9	1,755.6	—	2,285.5
February 1999	107.2	139.0	W	W	—	434.8	627.4	764.7	517.1	1,570.1	—	2,087.3
March 1998	104.5	128.4	W	W	—	364.6	645.0	774.7	505.1	1,497.1	—	2,002.2
Wyoming												
March 1999	W	W	W	W	—	W	W	51.3	W	W	—	630.8
February 1999	W	W	NA	110.8	—	111.5	W	46.3	NA	543.4	—	545.8
March 1998	W	W	W	W	—	W	W	50.9	W	W	—	615.4
PAD District V												
March 1999	1,911.9	1,941.5	W	W	NA	8,691.5	14,111.8	14,439.9	W	16,541.9	W	51,009.0
February 1999	1,935.0	1,965.3	W	W	892.6	8,641.5	13,521.0	13,793.4	W	14,652.9	W	49,137.5
March 1998	1,831.4	1,854.4	5,571.1	W	W	7,824.6	13,460.1	13,622.8	W	13,808.0	W	48,318.8
Alaska												
March 1999	35.6	36.0	W	W	—	47.2	NA	302.9	W	W	W	405.4
February 1999	37.4	37.5	W	W	W	53.9	286.6	290.0	W	264.0	W	380.1
March 1998	53.5	53.7	W	W	—	41.7	269.7	274.7	W	239.5	W	374.6
Arizona												
March 1999	398.5	399.1	282.8	198.2	NA	494.0	2,963.5	2,978.6	1,705.2	1,562.1	NA	3,439.6
February 1999	418.4	419.0	286.4	181.8	NA	474.9	2,903.8	2,921.1	1,655.3	1,415.6	NA	3,210.4
March 1998	319.6	320.6	277.8	163.2	—	441.0	2,464.1	2,476.7	1,742.5	1,250.6	148.7	3,141.9
California												
March 1999	1,144.4	1,150.4	W	NA	W	6,156.4	8,329.3	8,512.2	21,627.9	NA	NA	33,673.2
February 1999	1,150.8	1,158.5	W	1,025.7	W	6,181.5	7,927.9	8,056.9	20,906.8	6,853.0	5,362.0	33,121.8
March 1998	1,132.7	1,134.3	4,429.2	W	W	5,617.6	8,051.5	8,097.3	21,733.6	5,985.5	4,497.9	32,217.0
Hawaii												
March 1999	62.9	85.0	W	W	—	174.9	238.4	348.8	531.7	W	W	641.9
February 1999	61.7	83.0	141.8	19.9	—	161.6	229.0	336.7	489.5	81.5	—	571.0
March 1998	58.1	78.3	W	W	—	182.9	222.5	307.7	590.1	78.3	—	668.4
Nevada												
March 1999	26.2	26.2	NA	NA	NA	NA	199.2	204.6	1,240.7	830.3	NA	2,217.3
February 1999	27.6	27.6	NA	NA	27.6	NA	195.6	200.2	1,230.4	NA	147.7	2,140.4
March 1998	29.3	29.3	196.8	W	W	311.6	208.9	217.1	1,154.4	703.5	87.9	1,945.8
Oregon												
March 1999	63.0	63.5	NA	NA	NA	NA	564.6	570.9	1,132.0	NA	NA	NA
February 1999	60.3	60.9	NA	NA	10.4	NA	523.9	530.3	1,064.7	NA	NA	NA
March 1998	61.1	61.1	121.5	W	W	375.9	612.1	613.6	1,028.1	2,176.0	257.8	3,461.9
Washington												
March 1999	181.4	181.4	430.3	W	W	983.0	1,518.4	1,521.8	2,782.4	3,716.9	NA	6,852.0
February 1999	178.9	178.9	420.7	423.4	25.8	869.9	1,454.1	1,458.1	2,662.6	3,200.2	NA	6,206.9
March 1998	177.1	177.1	W	428.9	W	853.9	1,631.3	1,635.7	W	3,374.5	W	6,509.1

Dash (—) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

^a 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 ^a	DTW	Rack	Bulk	Total	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total
United States												
March 1999	37,088.8	39,289.7	20,469.1	152,324.0	30,453.6	203,246.7	2,866.0	2,887.3	4,523.6	4,655.9	-	9,179.5
February 1999	36,715.5	38,643.8	19,495.2	142,515.0	26,558.6	188,568.9	3,309.1	3,334.8	4,876.3	6,513.3	-	11,389.5
March 1998	37,471.1	39,010.5	24,152.4	141,360.9	29,799.0	195,312.3	2,921.6	2,946.5	3,243.5	4,148.7	-	7,392.3
PAD District I												
March 1999	12,308.8	13,253.9	8,684.1	46,785.0	3,809.6	59,278.7	-	-	-	-	-	-
February 1999	12,196.3	12,983.1	8,613.0	44,503.9	4,386.0	57,502.9	-	-	-	-	-	-
March 1998	12,263.3	12,827.5	8,850.3	45,265.3	2,908.5	57,024.1	-	-	-	-	-	-
Subdistrict IA												
March 1999	-	1.3	W	W	-	890.6	-	-	-	-	-	-
February 1999	-	1.1	W	W	W	966.0	-	-	-	-	-	-
March 1998	-	-	W	715.6	W	846.5	-	-	-	-	-	-
Connecticut												
March 1999	-	-	-	-	-	-	-	-	-	-	-	-
February 1999	-	-	-	-	-	-	-	-	-	-	-	-
March 1998	-	-	-	-	-	-	-	-	-	-	-	-
Maine												
March 1999	-	-	-	547.2	-	547.2	-	-	-	-	-	-
February 1999	-	-	-	W	W	625.6	-	-	-	-	-	-
March 1998	-	-	-	W	W	627.9	-	-	-	-	-	-
Massachusetts												
March 1999	-	-	-	-	-	-	-	-	-	-	-	-
February 1999	-	-	-	-	-	-	-	-	-	-	-	-
March 1998	-	-	-	-	-	-	-	-	-	-	-	-
New Hampshire												
March 1999	-	-	W	W	-	74.1	-	-	-	-	-	-
February 1999	-	-	W	W	-	77.9	-	-	-	-	-	-
March 1998	-	-	W	W	-	13.5	-	-	-	-	-	-
Rhode Island												
March 1999	-	-	-	-	-	-	-	-	-	-	-	-
February 1999	-	-	-	-	-	-	-	-	-	-	-	-
March 1998	-	-	-	-	-	-	-	-	-	-	-	-
Vermont												
March 1999	-	W	W	W	-	269.4	-	-	-	-	-	-
February 1999	-	W	W	W	-	262.5	-	-	-	-	-	-
March 1998	-	-	W	W	-	205.0	-	-	-	-	-	-
Subdistrict IB												
March 1999	2,658.1	2,702.9	W	W	2,968.1	15,382.0	-	-	-	-	-	-
February 1999	2,686.7	2,734.0	W	9,210.6	W	15,220.4	-	-	-	-	-	-
March 1998	2,715.5	2,777.2	W	9,428.0	W	14,408.4	-	-	-	-	-	-
Delaware												
March 1999	-	-	-	-	-	-	-	-	-	-	-	-
February 1999	-	-	-	-	-	-	-	-	-	-	-	-
March 1998	-	-	-	-	-	-	-	-	-	-	-	-
District of Columbia												
March 1999	-	-	-	-	-	-	-	-	-	-	-	-
February 1999	-	-	-	-	-	-	-	-	-	-	-	-
March 1998	-	-	-	-	-	-	-	-	-	-	-	-
Maryland												
March 1999	-	W	W	W	-	486.5	-	-	-	-	-	-
February 1999	-	W	W	W	-	445.6	-	-	-	-	-	-
March 1998	W	8.0	W	W	-	495.2	-	-	-	-	-	-
New Jersey												
March 1999	-	-	-	-	1,594.7	1,594.7	-	-	-	-	-	-
February 1999	-	-	-	-	NA	NA	-	-	-	-	-	-
March 1998	-	-	-	-	859.2	859.2	-	-	-	-	-	-
New York												
March 1999	1,251.5	W	W	3,528.0	W	5,044.4	-	-	-	-	-	-
February 1999	1,285.7	W	1,207.0	3,350.9	NA	4,914.0	-	-	-	-	-	-
March 1998	W	1,272.5	1,199.3	3,423.6	294.0	4,916.9	-	-	-	-	-	-
Pennsylvania												
March 1999	1,406.6	1,424.5	1,309.4	W	W	8,256.5	-	-	-	-	-	-
February 1999	1,401.0	1,417.0	1,296.1	W	W	8,294.8	-	-	-	-	-	-
March 1998	1,467.3	1,496.7	1,304.2	W	W	8,137.1	-	-	-	-	-	-

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 ^a	DTW	Rack	Bulk	Total	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total
United States												
March 1999	21,816.1	22,293.4	48,127.0	34,016.5	9,959.5	92,103.0	61,770.9	64,470.4	73,119.6	190,996.4	40,413.1	304,529.1
February 1999	21,154.5	21,590.9	46,696.8	32,671.4	10,990.5	90,358.8	61,179.0	63,569.4	71,068.3	181,699.7	37,549.2	290,317.2
March 1998	22,043.9	22,365.0	48,810.5	30,979.7	8,563.4	88,353.6	62,436.6	64,322.0	76,206.4	176,489.3	38,362.4	291,058.1
PAD District I												
March 1999	4,249.3	4,422.6	20,932.0	15,309.7	4,333.1	40,574.8	16,558.1	17,676.5	29,616.1	62,094.7	8,142.7	99,853.5
February 1999	4,178.4	4,356.9	20,299.9	15,025.6	4,451.4	39,776.9	16,374.6	17,340.0	28,912.8	59,529.6	8,837.4	97,279.8
March 1998	4,213.1	4,403.8	20,161.9	15,140.8	3,161.4	38,464.2	16,476.4	17,231.3	29,012.2	60,406.1	6,069.9	95,488.2
Subdistrict IA												
March 1999	714.6	724.0	W	W	NA	10,072.2	714.6	725.4	4,389.4	5,764.1	NA	10,962.8
February 1999	700.4	708.2	W	W	W	10,049.2	700.4	709.3	4,316.4	5,713.4	NA	11,015.2
March 1998	683.6	692.1	W	4,922.2	W	9,524.8	683.6	692.1	4,287.9	5,637.8	445.5	10,371.3
Connecticut												
March 1999	W	W	1,281.0	1,699.4	NA	3,153.0	W	W	1,281.0	1,699.4	NA	3,153.0
February 1999	W	W	1,259.2	W	W	3,245.6	W	W	1,259.2	W	W	3,245.6
March 1998	W	W	1,294.0	W	W	3,193.6	W	W	1,294.0	W	W	3,193.6
Maine												
March 1999	-	-	W	W	-	543.2	-	-	W	W	-	1,090.3
February 1999	-	-	W	W	-	551.4	-	-	W	1,067.1	W	1,177.0
March 1998	-	-	W	W	-	598.5	-	-	W	1,100.2	W	1,226.4
Massachusetts												
March 1999	408.6	412.1	2,312.9	W	W	4,861.3	408.6	412.1	2,312.9	W	W	4,861.3
February 1999	400.7	403.5	2,269.6	1,938.1	NA	4,754.7	400.7	403.5	2,269.6	1,938.1	NA	4,754.7
March 1998	387.4	390.4	2,236.8	2,032.4	-	4,269.2	387.4	390.4	2,236.8	2,032.4	-	4,269.2
New Hampshire												
March 1999	102.4	102.4	W	W	-	327.2	102.4	102.4	255.9	145.4	-	401.3
February 1999	97.3	97.3	W	W	-	332.8	97.3	97.3	253.5	157.2	-	410.7
March 1998	99.5	99.6	W	W	-	284.0	99.5	99.6	251.0	46.5	-	297.5
Rhode Island												
March 1999	W	W	W	706.4	W	1,187.6	W	69.5	W	706.4	W	1,187.6
February 1999	W	W	NA	696.7	NA	1,164.7	W	70.2	NA	696.7	NA	1,164.7
March 1998	W	W	389.5	790.0	-	1,179.6	W	W	389.5	790.0	-	1,179.6
Vermont												
March 1999	-	-	-	-	-	-	-	W	W	W	-	269.4
February 1999	-	-	-	-	-	-	-	W	W	W	-	262.5
March 1998	-	-	-	-	-	-	-	W	W	W	-	205.0
Subdistrict IB												
March 1999	2,676.0	2,785.1	W	W	3,523.8	26,076.9	5,334.1	5,488.0	17,073.7	17,893.4	6,491.9	41,458.9
February 1999	2,610.9	2,716.4	W	7,914.1	W	25,402.1	5,297.5	5,450.4	16,527.9	17,124.7	6,969.9	40,622.5
March 1998	2,674.6	2,802.7	W	7,714.8	W	24,354.9	5,390.1	5,579.9	16,412.9	17,142.9	5,207.5	38,763.3
Delaware												
March 1999	33.0	44.5	NA	417.5	-	739.5	33.0	44.5	NA	417.5	-	739.5
February 1999	32.3	44.8	NA	374.6	-	678.9	32.3	44.8	NA	374.6	-	678.9
March 1998	W	45.6	W	W	-	749.1	W	45.6	329.4	419.7	-	749.1
District of Columbia												
March 1999	-	7.7	NA	-	-	NA	-	7.7	NA	-	-	NA
February 1999	-	6.5	NA	-	-	NA	-	6.5	NA	-	-	NA
March 1998	-	9.9	331.8	-	-	331.8	-	9.9	331.8	-	-	331.8
Maryland												
March 1999	-	W	W	W	W	4,624.9	-	39.5	NA	2,103.2	NA	5,111.4
February 1999	-	W	W	1,666.5	W	4,631.6	-	47.4	2,925.8	W	W	5,077.3
March 1998	-	42.0	W	1,573.0	W	4,463.4	W	50.0	2,887.5	W	W	4,958.6
New Jersey												
March 1999	1,292.7	1,327.4	4,718.9	3,585.6	3,276.8	11,581.4	1,292.7	1,327.4	4,718.9	3,585.6	4,871.5	13,176.0
February 1999	1,264.6	1,296.7	4,656.6	3,484.2	3,237.9	11,378.7	1,264.6	1,296.7	4,656.6	3,484.2	4,803.8	12,944.6
March 1998	1,334.5	1,364.1	4,646.3	3,554.1	1,866.9	10,067.4	1,334.5	1,364.1	4,646.3	3,554.1	2,726.1	10,926.5
New York												
March 1999	667.8	W	W	1,566.9	W	6,258.4	1,919.4	1,962.0	5,693.6	5,094.9	NA	11,302.7
February 1999	647.5	W	4,139.5	1,575.4	NA	5,900.9	1,933.2	1,971.6	5,346.5	4,926.3	NA	10,814.9
March 1998	W	689.0	4,015.6	1,338.1	854.0	6,207.7	1,913.0	1,961.5	5,214.9	4,761.7	1,148.0	11,124.6
Pennsylvania												
March 1999	682.5	682.5	1,698.0	W	W	2,532.8	2,089.1	2,107.0	3,007.4	6,692.1	1,089.8	10,789.4
February 1999	666.4	666.4	1,667.8	813.4	-	2,481.2	2,067.4	2,083.3	2,963.9	W	W	10,776.0
March 1998	637.4	652.1	1,698.8	W	W	2,535.5	2,104.6	2,148.8	3,003.0	W	W	10,672.6

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 ^a	DTW	Rack	Bulk	Total	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total
Subdistrict IC												
March 1999	9,650.6	10,549.6	NA	36,097.2	NA	43,006.1	-	-	-	-	-	-
February 1999	9,509.6	10,248.0	NA	W	W	41,316.5	-	-	-	-	-	-
March 1998	9,547.8	10,050.3	W	35,121.6	W	41,769.2	-	-	-	-	-	-
Florida												
March 1999	5,240.0	5,460.0	NA	10,075.3	NA	15,103.9	-	-	-	-	-	-
February 1999	5,113.0	5,313.9	NA	9,673.8	NA	14,724.0	-	-	-	-	-	-
March 1998	5,004.6	5,195.2	4,811.2	W	W	14,609.3	-	-	-	-	-	-
Georgia												
March 1999	1,988.8	2,140.9	NA	7,849.9	NA	8,869.6	-	-	-	-	-	-
February 1999	1,964.0	2,089.6	NA	7,565.7	NA	8,603.5	-	-	-	-	-	-
March 1998	2,105.9	2,221.1	992.5	7,856.9	-	8,849.4	-	-	-	-	-	-
North Carolina												
March 1999	806.9	1,173.0	W	9,820.6	W	10,013.5	-	-	-	-	-	-
February 1999	829.1	1,099.6	W	9,357.1	W	9,421.3	-	-	-	-	-	-
March 1998	820.6	942.8	W	9,410.2	W	9,555.9	-	-	-	-	-	-
South Carolina												
March 1999	893.2	983.0	W	W	W	4,588.4	-	-	-	-	-	-
February 1999	875.1	973.2	W	W	W	4,288.1	-	-	-	-	-	-
March 1998	885.7	937.6	W	W	-	4,429.1	-	-	-	-	-	-
Virginia												
March 1999	172.4	228.5	W	W	W	3,912.1	-	-	-	-	-	-
February 1999	175.7	206.3	NA	W	W	3,834.2	-	-	-	-	-	-
March 1998	173.0	181.9	W	3,415.2	W	3,752.5	-	-	-	-	-	-
West Virginia												
March 1999	549.4	564.2	W	W	-	518.7	-	-	-	-	-	-
February 1999	552.6	565.4	W	W	-	445.4	-	-	-	-	-	-
March 1998	558.0	571.6	147.8	425.2	-	573.1	-	-	-	-	-	-
PAD District II												
March 1999	13,846.2	14,587.5	W	W	4,648.1	68,601.3	1,018.3	1,030.3	W	W	-	3,382.4
February 1999	14,333.8	15,048.6	W	W	6,055.1	67,685.4	1,034.4	1,046.7	W	W	-	3,328.0
March 1998	15,064.1	15,623.4	W	51,444.7	W	67,661.0	1,107.9	1,125.5	W	W	-	3,235.5
Illinois												
March 1999	553.0	566.8	NA	4,401.9	586.0	5,051.0	-	-	-	-	-	-
February 1999	563.5	574.8	NA	4,341.8	1,769.4	6,173.5	-	-	-	-	-	-
March 1998	560.2	571.5	W	4,128.8	W	5,700.2	-	-	-	-	-	-
Indiana												
March 1999	1,262.4	1,289.7	NA	4,797.5	533.5	5,838.0	-	-	-	-	-	-
February 1999	1,318.8	1,337.8	NA	4,555.3	368.0	5,421.7	-	-	-	-	-	-
March 1998	1,359.2	1,376.6	W	3,637.7	W	5,242.8	-	-	-	-	-	-
Iowa												
March 1999	126.5	128.4	NA	3,247.9	-	3,347.1	-	-	-	-	-	-
February 1999	129.7	132.6	NA	3,173.0	-	3,270.8	-	-	-	-	-	-
March 1998	193.8	197.6	W	W	-	3,123.9	-	-	-	-	-	-
Kansas												
March 1999	554.2	572.7	NA	W	W	3,671.9	-	-	-	-	-	-
February 1999	555.0	572.3	NA	2,638.4	389.7	3,155.5	-	-	-	-	-	-
March 1998	571.5	589.6	W	2,816.2	W	3,636.4	-	-	-	-	-	-
Kentucky												
March 1999	W	460.4	W	W	-	3,416.4	-	-	-	-	-	-
February 1999	W	487.6	W	W	-	3,371.0	-	-	-	-	-	-
March 1998	494.5	527.8	W	W	-	3,473.4	-	-	-	-	-	-
Michigan												
March 1999	2,838.7	2,963.3	2,424.6	6,886.4	NA	9,315.5	-	-	-	-	-	-
February 1999	2,850.2	2,974.3	2,386.6	6,742.0	-	9,128.6	-	-	-	-	-	-
March 1998	2,961.9	3,111.4	3,422.1	6,145.4	-	9,567.5	-	-	-	-	-	-
Minnesota												
March 1999	W	W	W	1,287.4	W	W	W	W	W	2,776.1	-	W
February 1999	W	W	W	1,144.0	W	W	W	W	W	2,723.4	-	W
March 1998	0.5	0.7	W	981.1	W	W	1,107.9	1,125.5	W	2,805.6	-	W
Missouri												
March 1999	W	W	NA	4,717.4	-	5,204.5	-	-	-	-	-	-
February 1999	NA	871.0	NA	4,418.6	-	4,897.6	-	-	-	-	-	-
March 1998	942.8	961.5	578.9	4,283.8	-	4,862.7	-	-	-	-	-	-

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 ^a	DTW	Rack	Bulk	Total	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total
Subdistrict IC												
March 1999	858.7	913.5	NA	2,340.0	—	4,425.6	10,509.4	11,463.2	NA	38,437.2	NA	47,431.8
February 1999	867.2	932.3	NA	W	W	4,325.6	10,376.8	11,180.3	NA	36,691.5	NA	45,642.1
March 1998	854.8	909.1	W	2,503.8	W	4,584.5	10,402.6	10,959.4	8,311.4	37,625.4	416.9	46,353.6
Florida												
March 1999	—	—	—	—	—	—	5,240.0	5,460.0	NA	10,075.3	NA	15,103.9
February 1999	—	—	—	—	—	—	5,113.0	5,313.9	NA	9,673.8	NA	14,724.0
March 1998	—	—	—	—	—	—	5,004.6	5,195.2	4,811.2	W	W	14,609.3
Georgia												
March 1999	—	—	—	—	—	—	1,988.8	2,140.9	NA	7,849.9	NA	8,869.6
February 1999	—	—	—	—	—	—	1,964.0	2,089.6	NA	7,565.7	NA	8,603.5
March 1998	—	—	—	—	—	—	2,105.9	2,221.1	992.5	7,856.9	—	8,849.4
North Carolina												
March 1999	—	—	—	—	—	—	806.9	1,173.0	W	9,820.6	W	10,013.5
February 1999	—	—	—	—	—	—	829.1	1,099.6	W	9,357.1	W	9,421.3
March 1998	—	—	—	—	—	—	820.6	942.8	W	9,410.2	W	9,555.9
South Carolina												
March 1999	—	—	—	—	—	—	893.2	983.0	W	W	W	4,588.4
February 1999	—	—	—	—	—	—	875.1	973.2	W	W	W	4,288.1
March 1998	—	—	—	—	—	—	885.7	937.6	W	W	—	4,429.1
Virginia												
March 1999	858.7	913.5	W	W	—	4,425.6	1,031.1	1,142.1	NA	5,813.1	NA	8,337.7
February 1999	867.2	932.3	NA	W	W	4,325.6	1,042.9	1,138.6	NA	5,570.6	NA	8,159.8
March 1998	854.8	909.1	W	2,503.8	W	4,584.5	1,027.8	1,091.0	2,152.7	5,919.0	265.2	8,336.9
West Virginia												
March 1999	—	—	—	—	—	—	549.4	564.2	W	W	—	518.7
February 1999	—	—	—	—	—	—	552.6	565.4	W	W	—	445.4
March 1998	—	—	—	—	—	—	558.0	571.6	147.8	425.2	—	573.1
PAD District II												
March 1999	3,596.1	3,664.3	NA	4,638.5	—	8,248.6	18,460.5	19,282.2	NA	64,660.2	4,648.1	80,232.3
February 1999	3,663.3	3,727.2	NA	4,527.1	—	8,051.4	19,031.5	19,822.5	NA	62,289.1	6,055.1	79,064.9
March 1998	3,708.9	3,750.5	3,815.2	W	W	8,062.8	19,880.8	20,499.3	14,327.5	58,483.4	6,148.3	78,959.2
Illinois												
March 1999	2,554.0	2,575.2	NA	1,931.1	—	4,617.9	3,107.0	3,142.1	NA	6,333.0	586.0	9,668.9
February 1999	2,578.5	2,597.4	NA	1,909.8	—	4,533.6	3,142.0	3,172.2	NA	6,251.6	1,769.4	10,707.1
March 1998	2,603.2	2,611.0	W	1,622.7	W	4,566.9	3,163.4	3,182.5	3,208.7	5,751.5	1,306.9	10,267.1
Indiana												
March 1999	263.2	271.5	NA	646.6	—	1,056.8	1,525.6	1,561.2	NA	5,444.2	533.5	6,894.8
February 1999	283.0	291.1	NA	612.4	—	1,019.7	1,601.8	1,628.9	NA	5,167.7	368.0	6,441.4
March 1998	270.5	276.6	W	483.6	W	812.1	1,629.8	1,653.3	1,540.0	4,121.4	393.5	6,054.8
Iowa												
March 1999	—	—	—	—	—	—	126.5	128.4	NA	3,247.9	—	3,347.1
February 1999	—	—	—	—	—	—	129.7	132.6	NA	3,173.0	—	3,270.8
March 1998	—	—	—	—	—	—	193.8	197.6	W	W	—	3,123.9
Kansas												
March 1999	—	—	—	—	—	—	554.2	572.7	NA	W	W	3,671.9
February 1999	—	—	—	—	—	—	555.0	572.3	NA	2,638.4	389.7	3,155.5
March 1998	—	—	—	—	—	—	571.5	589.6	W	2,816.2	W	3,636.4
Kentucky												
March 1999	W	333.3	W	W	—	1,053.4	720.6	793.6	NA	4,274.6	—	4,469.8
February 1999	306.1	340.3	W	W	—	1,035.0	W	827.9	NA	4,219.5	—	4,406.0
March 1998	332.8	359.1	W	W	—	945.3	827.3	886.8	478.2	3,940.5	—	4,418.7
Michigan												
March 1999	—	—	—	—	—	—	2,838.7	2,963.3	2,424.6	6,886.4	NA	9,315.5
February 1999	—	—	—	—	—	—	2,850.2	2,974.3	2,386.6	6,742.0	—	9,128.6
March 1998	—	—	—	—	—	—	2,961.9	3,111.4	3,422.1	6,145.4	—	9,567.5
Minnesota												
March 1999	—	—	—	—	—	—	1,018.8	1,030.9	W	4,063.5	W	4,841.3
February 1999	—	—	—	—	—	—	1,035.0	1,047.3	W	3,867.4	W	4,728.8
March 1998	—	—	—	—	—	—	1,108.4	1,126.2	W	3,786.7	W	4,479.1
Missouri												
March 1999	—	—	—	—	—	—	W	W	NA	4,717.4	—	5,204.5
February 1999	—	—	—	—	—	—	NA	871.0	NA	4,418.6	—	4,897.6
March 1998	—	—	—	—	—	—	942.8	961.5	578.9	4,283.8	—	4,862.7

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 ^a	DTW	Rack	Bulk	Total	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total
Nebraska												
March 1999	51.4	53.9	NA	1,863.1	—	1,986.4	—	—	—	—	—	—
February 1999	51.5	55.5	NA	1,736.0	—	1,856.0	—	—	—	—	—	—
March 1998	100.9	101.9	W	W	—	1,811.3	—	—	—	—	—	—
North Dakota												
March 1999	W	W	NA	806.8	—	870.1	—	—	—	—	—	—
February 1999	W	W	NA	716.1	—	778.1	—	—	—	—	—	—
March 1998	W	4.3	W	W	—	882.5	—	—	—	—	—	—
Ohio												
March 1999	4,629.5	4,827.0	2,382.4	5,914.9	66.3	8,363.5	—	—	—	—	—	—
February 1999	4,899.6	5,085.7	W	6,074.8	W	8,645.4	—	—	—	—	—	—
March 1998	5,057.7	5,274.1	W	5,397.9	W	8,700.2	—	—	—	—	—	—
Oklahoma												
March 1999	783.6	819.4	NA	3,574.9	2,450.4	6,089.0	—	—	—	—	—	—
February 1999	876.1	911.3	NA	3,264.0	2,860.8	6,187.0	—	—	—	—	—	—
March 1998	933.4	982.8	W	3,262.7	W	6,591.1	—	—	—	—	—	—
South Dakota												
March 1999	9.2	10.9	NA	1,043.7	—	1,080.4	—	—	—	—	—	—
February 1999	9.4	W	NA	902.4	—	939.0	—	—	—	—	—	—
March 1998	W	13.8	39.3	911.2	—	950.5	—	—	—	—	—	—
Tennessee												
March 1999	1,540.4	1,771.4	W	8,347.5	W	8,761.3	—	—	—	—	—	—
February 1999	NA	1,779.3	270.3	W	W	8,397.7	—	—	—	—	—	—
March 1998	1,621.6	1,652.6	458.5	7,410.6	—	7,869.1	—	—	—	—	—	—
Wisconsin												
March 1999	W	246.5	W	4,056.3	—	W	—	—	—	W	—	W
February 1999	237.1	248.3	W	3,976.4	—	W	—	—	—	W	—	W
March 1998	249.8	257.3	W	3,831.2	—	W	—	—	—	W	—	W
PAD District III												
March 1999	NA	5,323.0	W	W	20,358.1	54,036.2	144.0	144.0	W	W	—	593.2
February 1999	W	W	W	W	14,545.8	46,292.5	W	W	W	W	—	916.5
March 1998	5,205.9	5,365.1	W	W	19,135.8	51,118.9	187.3	187.6	W	W	—	524.2
Alabama												
March 1999	342.7	393.1	NA	W	W	5,619.8	—	—	—	—	—	—
February 1999	350.3	400.5	NA	5,233.6	—	5,371.9	—	—	—	—	—	—
March 1998	414.2	455.2	146.9	5,213.7	—	5,360.6	—	—	—	—	—	—
Arkansas												
March 1999	NA	NA	W	3,631.5	W	4,091.2	—	—	—	—	—	—
February 1999	242.4	250.3	W	3,451.6	W	3,830.5	—	—	—	—	—	—
March 1998	274.2	276.3	W	3,643.0	W	4,172.5	—	—	—	—	—	—
Louisiana												
March 1999	1,158.3	W	NA	4,474.4	1,883.5	6,840.5	—	—	—	—	—	—
February 1999	1,150.1	W	NA	W	W	6,789.0	—	—	—	—	—	—
March 1998	1,125.1	W	490.5	4,208.5	W	W	—	—	—	—	—	—
Mississippi												
March 1999	146.5	173.6	7.7	3,163.5	869.8	4,041.1	—	—	—	—	—	—
February 1999	149.5	177.4	7.9	W	W	3,522.5	—	—	—	—	—	—
March 1998	142.8	161.5	11.3	W	W	3,908.0	—	—	—	—	—	—
New Mexico												
March 1999	W	W	W	W	—	1,895.7	W	W	W	W	—	49.4
February 1999	W	W	W	W	—	1,403.9	W	W	W	W	—	357.6
March 1998	W	W	W	1,612.2	—	W	W	W	W	W	—	W
Texas												
March 1999	W	W	NA	14,239.8	17,141.7	31,547.8	W	W	—	543.8	—	543.8
February 1999	W	2,818.9	NA	W	W	25,374.7	W	W	—	558.8	—	558.8
March 1998	W	2,883.0	W	13,054.5	W	29,172.2	W	W	—	W	—	W
PAD District IV												
March 1999	3,044.0	NA	W	7,436.1	W	8,403.0	—	—	—	496.3	—	496.3
February 1999	W	W	W	W	W	6,850.9	W	W	W	W	—	1,140.0
March 1998	W	W	1,012.1	W	W	7,405.6	W	W	W	W	—	496.9
Colorado												
March 1999	2,195.7	NA	W	W	W	2,664.8	—	—	—	W	—	494.8
February 1999	W	W	W	1,785.5	W	2,060.3	W	W	W	W	—	865.2
March 1998	1,899.7	1,900.9	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 ^a	DTW	Rack	Bulk	Total	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total
Nebraska												
March 1999	-	-	-	-	-	-	51.4	53.9	NA	1,863.1	-	1,986.4
February 1999	-	-	-	-	-	-	51.5	55.5	NA	1,736.0	-	1,856.0
March 1998	-	-	-	-	-	-	100.9	101.9	W	W	-	1,811.3
North Dakota												
March 1999	-	-	-	-	-	-	W	W	NA	806.8	-	870.1
February 1999	-	-	-	-	-	-	W	W	NA	716.1	-	778.1
March 1998	-	-	-	-	-	-	W	4.3	W	W	-	882.5
Ohio												
March 1999	-	-	-	-	-	-	4,629.5	4,827.0	2,382.4	5,914.9	66.3	8,363.5
February 1999	-	-	-	-	-	-	4,899.6	5,085.7	W	6,074.8	W	8,645.4
March 1998	-	-	-	-	-	-	5,057.7	5,274.1	W	5,397.9	W	8,700.2
Oklahoma												
March 1999	-	-	-	-	-	-	783.6	819.4	NA	3,574.9	2,450.4	6,089.0
February 1999	-	-	-	-	-	-	876.1	911.3	NA	3,264.0	2,860.8	6,187.0
March 1998	-	-	-	-	-	-	933.4	982.8	W	3,262.7	W	6,591.1
South Dakota												
March 1999	-	-	-	-	-	-	9.2	10.9	NA	1,043.7	-	1,080.4
February 1999	-	-	-	-	-	-	9.4	W	NA	902.4	-	939.0
March 1998	-	-	-	-	-	-	W	13.8	39.3	911.2	-	950.5
Tennessee												
March 1999	-	-	-	-	-	-	1,540.4	1,771.4	W	8,347.5	W	8,761.3
February 1999	-	-	-	-	-	-	NA	1,779.3	270.3	W	W	8,397.7
March 1998	-	-	-	-	-	-	1,621.6	1,652.6	458.5	7,410.6	-	7,869.1
Wisconsin												
March 1999	W	484.3	W	W	-	1,520.5	710.1	730.8	W	W	-	5,667.8
February 1999	495.7	498.5	W	W	-	1,463.2	732.8	746.7	W	W	-	5,525.9
March 1998	502.4	503.9	NA	W	W	1,738.5	752.2	761.1	W	5,217.6	W	5,744.3
PAD District III												
March 1999	NA	NA	NA	6,474.0	1,823.6	9,905.6	NA	9,863.8	NA	39,767.2	22,181.7	64,535.0
February 1999	4,088.2	4,153.3	NA	6,361.4	1,642.7	9,635.3	9,469.4	9,665.7	NA	38,166.8	16,188.5	56,844.2
March 1998	4,502.6	4,540.9	2,001.5	5,401.5	1,343.2	8,746.2	9,895.8	10,093.6	2,980.7	36,929.6	20,478.9	60,389.3
Alabama												
March 1999	-	-	-	-	-	-	342.7	393.1	NA	W	W	5,619.8
February 1999	-	-	-	-	-	-	350.3	400.5	NA	5,233.6	-	5,371.9
March 1998	-	-	-	-	-	-	414.2	455.2	146.9	5,213.7	-	5,360.6
Arkansas												
March 1999	-	-	-	-	-	-	NA	NA	W	3,631.5	W	4,091.2
February 1999	-	-	-	-	-	-	242.4	250.3	W	3,451.6	W	3,830.5
March 1998	-	-	-	-	-	-	274.2	276.3	W	3,643.0	W	4,172.5
Louisiana												
March 1999	-	W	-	-	483.4	483.4	1,158.3	1,177.1	NA	4,474.4	2,366.9	7,323.8
February 1999	-	W	-	-	W	297.7	1,150.1	1,168.8	NA	4,194.3	2,491.0	7,086.7
March 1998	-	W	-	-	W	W	1,125.1	1,139.0	490.5	4,208.5	2,220.6	6,919.7
Mississippi												
March 1999	-	-	-	-	-	-	146.5	173.6	7.7	3,163.5	869.8	4,041.1
February 1999	-	-	-	-	-	-	149.5	177.4	7.9	W	W	3,522.5
March 1998	-	-	-	-	-	-	142.8	161.5	11.3	W	W	3,908.0
New Mexico												
March 1999	-	-	-	-	-	-	588.9	590.0	W	W	-	1,945.2
February 1999	-	-	-	-	-	-	601.9	603.4	W	W	-	1,761.6
March 1998	-	-	-	-	-	-	578.6	580.9	W	W	-	1,726.1
Texas												
March 1999	NA	W	NA	6,474.0	1,340.2	9,422.3	NA	NA	NA	21,257.6	18,481.9	41,513.9
February 1999	4,088.2	W	NA	W	W	9,337.6	6,975.4	7,065.3	NA	20,532.5	12,954.3	35,271.1
March 1998	4,502.6	W	W	W	W	W	7,360.8	7,480.7	2,181.4	18,941.7	17,179.4	38,302.5
PAD District IV												
March 1999	-	-	-	-	-	-	3,044.0	NA	W	7,932.4	W	8,899.3
February 1999	-	-	-	-	-	-	2,782.4	2,948.0	W	7,061.4	W	7,990.9
March 1998	-	-	-	-	-	-	2,723.4	2,874.9	W	6,862.2	W	7,902.6
Colorado												
March 1999	-	-	-	-	-	-	2,195.7	NA	W	2,870.5	W	3,159.6
February 1999	-	-	-	-	-	-	1,979.8	1,984.4	NA	W	W	2,925.5
March 1998	-	-	-	-	-	-	1,899.7	1,900.9	W	2,536.7	W	2,837.3

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	Conventional						Oxygenated					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total
Idaho												
March 1999	120.1	139.9	W	W	-	1,425.3	-	-	-	-	-	-
February 1999	118.8	137.7	W	W	-	1,211.5	-	-	-	-	-	-
March 1998	116.9	131.5	230.4	1,006.2	-	1,236.6	-	-	-	-	-	-
Montana												
March 1999	W	15.4	W	W	-	1,396.6	-	-	-	W	-	NA
February 1999	W	W	-	1,160.2	-	1,160.2	-	W	-	60.6	-	60.6
March 1998	W	16.9	W	W	-	1,211.2	-	-	-	-	-	-
Utah												
March 1999	667.3	800.6	529.9	1,755.6	-	2,285.5	-	-	-	-	-	-
February 1999	W	W	W	W	-	1,873.1	W	W	-	W	-	214.1
March 1998	W	W	W	W	-	W	W	W	W	W	-	W
Wyoming												
March 1999	W	51.3	W	W	-	630.8	-	-	-	-	-	-
February 1999	W	46.3	NA	543.4	-	545.8	-	-	-	-	-	-
March 1998	W	50.9	W	W	-	615.4	-	-	-	-	-	-
PAD District V												
March 1999	2,781.3	2,917.2	W	8,154.6	W	12,927.4	1,703.7	1,713.0	3,914.6	793.0	-	4,707.6
February 1999	2,458.8	2,591.7	W	6,138.1	W	10,237.2	1,837.6	1,848.2	4,247.6	1,757.4	-	6,005.0
March 1998	W	W	3,232.8	W	W	12,102.6	W	W	W	W	-	3,135.7
Alaska												
March 1999	W	W	81.0	W	W	W	W	W	W	W	-	W
February 1999	W	W	49.6	W	W	276.7	W	W	W	W	-	103.4
March 1998	W	W	85.6	W	W	W	W	W	W	W	-	W
Arizona												
March 1999	NA	NA	NA	NA	NA	NA	945.2	952.8	1,173.4	598.4	-	1,771.8
February 1999	636.8	646.9	153.3	795.9	NA	1,088.6	970.4	977.6	1,167.4	604.5	-	1,771.9
March 1998	336.7	344.4	W	733.2	W	992.9	559.6	559.9	533.4	W	-	W
California												
March 1999	-	-	-	126.1	540.6	NA	-	-	-	-	-	-
February 1999	-	-	-	110.9	NA	NA	-	-	-	-	-	-
March 1998	-	-	-	W	W	612.5	-	-	-	-	-	-
Hawaii												
March 1999	238.4	348.8	531.7	W	W	641.9	-	-	-	-	-	-
February 1999	229.0	336.7	489.5	81.5	-	571.0	-	-	-	-	-	-
March 1998	222.5	307.7	590.1	78.3	-	668.4	-	-	-	-	-	-
Nevada												
March 1999	W	W	335.5	657.6	NA	1,139.5	W	W	905.2	NA	-	1,077.8
February 1999	W	W	W	W	147.7	967.6	W	W	W	W	-	1,172.8
March 1998	W	W	W	W	W	922.0	W	W	906.6	W	-	W
Oregon												
March 1999	W	W	W	W	NA	NA	W	W	W	W	-	561.4
February 1999	338.9	343.3	NA	NA	NA	NA	185.0	187.0	819.1	421.7	-	1,240.8
March 1998	W	W	W	W	257.8	W	W	W	W	W	-	W
Washington												
March 1999	W	W	W	W	NA	W	W	W	W	W	-	W
February 1999	W	W	W	W	NA	4,490.7	W	W	W	W	-	1,716.2
March 1998	W	W	1,513.9	W	W	5,457.1	W	W	W	W	-	1,052.0

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	Reformulated						All Formulations					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total
Idaho												
March 1999	-	-	-	-	-	-	120.1	139.9	W	W	-	1,425.3
February 1999	-	-	-	-	-	-	118.8	137.7	W	W	-	1,211.5
March 1998	-	-	-	-	-	-	116.9	131.5	230.4	1,006.2	-	1,236.6
Montana												
March 1999	-	-	-	-	-	-	W	15.4	W	W	-	1,398.0
February 1999	-	-	-	-	-	-	W	15.0	-	1,220.8	-	1,220.8
March 1998	-	-	-	-	-	-	W	16.9	W	W	-	1,211.2
Utah												
March 1999	-	-	-	-	-	-	667.3	800.6	529.9	1,755.6	-	2,285.5
February 1999	-	-	-	-	-	-	627.4	764.7	517.1	1,570.1	-	2,087.3
March 1998	-	-	-	-	-	-	645.0	774.7	505.1	1,497.1	-	2,002.2
Wyoming												
March 1999	-	-	-	-	-	-	W	51.3	W	W	-	630.8
February 1999	-	-	-	-	-	-	W	46.3	NA	543.4	-	545.8
March 1998	-	-	-	-	-	-	W	50.9	W	W	-	615.4
PAD District V												
March 1999	9,626.8	9,809.7	21,976.8	7,594.3	NA	33,373.9	14,111.8	14,439.9	W	16,541.9	W	51,009.0
February 1999	9,224.5	9,353.5	21,241.4	6,757.3	4,896.5	32,895.2	13,521.0	13,793.4	W	14,652.9	W	49,137.5
March 1998	9,619.3	9,669.7	22,831.8	W	W	33,080.5	13,460.1	13,622.8	W	13,808.0	W	48,318.8
Alaska												
March 1999	-	-	-	-	-	-	NA	302.9	W	W	W	405.4
February 1999	-	-	-	-	-	-	286.6	290.0	W	264.0	W	380.1
March 1998	-	-	-	-	-	-	269.7	274.7	W	239.5	W	374.6
Arizona												
March 1999	1,297.5	1,297.5	NA	NA	-	NA	2,963.5	2,978.6	1,705.2	1,562.1	NA	3,439.6
February 1999	1,296.6	1,296.6	NA	NA	-	NA	2,903.8	2,921.1	1,655.3	1,415.6	NA	3,210.4
March 1998	1,567.7	1,572.4	W	W	-	W	2,464.1	2,476.7	1,742.5	1,250.6	148.7	3,141.9
California												
March 1999	8,329.3	8,512.2	21,627.9	7,575.7	3,802.8	33,006.4	8,329.3	8,512.2	21,627.9	NA	NA	33,673.2
February 1999	7,927.9	8,056.9	20,906.8	6,742.1	4,896.5	32,545.4	7,927.9	8,056.9	20,906.8	6,853.0	5,362.0	33,121.8
March 1998	8,051.5	8,097.3	21,733.6	W	W	31,604.6	8,051.5	8,097.3	21,733.6	5,985.5	4,497.9	32,217.0
Hawaii												
March 1999	-	-	-	-	-	-	238.4	348.8	531.7	W	W	641.9
February 1999	-	-	-	-	-	-	229.0	336.7	489.5	81.5	-	571.0
March 1998	-	-	-	-	-	-	222.5	307.7	590.1	78.3	-	668.4
Nevada												
March 1999	-	-	-	-	-	-	199.2	204.6	1,240.7	830.3	NA	2,217.3
February 1999	-	-	-	-	-	-	195.6	200.2	1,230.4	NA	147.7	2,140.4
March 1998	-	-	W	-	-	W	208.9	217.1	1,154.4	703.5	87.9	1,945.8
Oregon												
March 1999	-	-	-	-	-	-	564.6	570.9	1,132.0	NA	NA	NA
February 1999	-	-	-	-	-	-	523.9	530.3	1,064.7	NA	NA	NA
March 1998	-	-	-	-	-	-	612.1	613.6	1,028.1	2,176.0	257.8	3,461.9
Washington												
March 1999	-	-	-	-	-	-	1,518.4	1,521.8	2,782.4	3,716.9	NA	6,852.0
February 1999	-	-	-	-	-	-	1,454.1	1,458.1	2,662.6	3,200.2	NA	6,206.9
March 1998	-	-	-	-	-	-	1,631.3	1,635.7	W	3,374.5	W	6,509.1

Dash (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

^a 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
United States										
March 1999	149.0	581.5	46,756.7	13,182.5	362.5	2,602.3	NA	1,324.5	4,291.3	36,231.4
February 1999	137.3	541.6	46,486.3	14,898.4	558.0	3,053.2	NA	2,514.1	4,533.6	36,682.0
March 1998	142.9	562.7	47,583.5	12,619.8	293.1	2,941.5	391.4	1,066.0	4,074.2	33,904.9
PAD District I										
March 1999	56.6	153.6	12,610.1	2,811.5	106.5	1,735.2	15.8	171.6	128.4	6,112.3
February 1999	53.1	148.1	12,886.4	3,125.3	165.2	2,073.7	W	244.5	118.1	6,147.7
March 1998	58.7	122.2	13,032.2	2,154.1	106.3	1,706.7	W	29.2	77.8	5,343.6
Subdistrict IA										
March 1999	W	W	1,097.9	122.9	11.1	103.6	4.2	4.2	37.6	119.3
February 1999	W	NA	1,027.8	115.4	13.0	126.7	7.0	6.2	41.5	141.1
March 1998	W	W	934.9	138.1	4.8	74.1	W	4.5	W	156.5
Connecticut										
March 1999	W	W	NA	NA	W	W	W	NA	W	W
February 1999	W	2.6	NA	NA	W	W	W	W	W	W
March 1998	W	W	210.6	W	W	W	W	2.0	W	20.3
Maine										
March 1999	W	W	W	W	-	39.0	W	-	-	W
February 1999	W	W	W	W	-	36.0	-	-	-	W
March 1998	W	-	W	W	-	22.1	-	W	-	W
Massachusetts										
March 1999	W	W	824.4	83.0	W	W	0.4	1.6	-	W
February 1999	W	W	749.3	72.9	W	W	W	2.6	-	W
March 1998	W	W	645.6	63.6	1.7	W	W	W	-	12.9
New Hampshire										
March 1999	W	W	18.7	W	W	W	-	-	W	98.5
February 1999	W	W	W	W	W	W	-	W	W	116.6
March 1998	W	W	14.8	W	W	W	W	-	W	101.1
Rhode Island										
March 1999	W	NA	W	W	W	NA	NA	W	-	-
February 1999	-	NA	W	W	W	NA	1.0	W	-	-
March 1998	W	W	W	W	-	W	W	W	-	W
Vermont										
March 1999	-	W	W	W	5.7	W	-	W	35.7	W
February 1999	-	W	W	W	7.3	W	-	W	40.3	W
March 1998	-	NA	W	W	W	W	W	W	W	10.2
Subdistrict IB										
March 1999	W	W	5,650.6	1,574.9	75.9	1,064.1	8.8	77.1	7.5	2,273.8
February 1999	W	38.4	6,401.7	1,984.5	128.4	1,250.7	11.9	101.2	9.3	2,202.9
March 1998	W	W	6,093.3	1,187.8	83.9	956.6	4.1	23.4	W	1,924.2
Delaware										
March 1999	W	2.1	1.4	NA	W	W	-	-	-	W
February 1999	-	W	0.9	NA	W	W	-	-	-	W
March 1998	W	W	1.0	W	-	W	-	-	-	W
District of Columbia										
March 1999	-	-	-	-	-	-	-	-	-	-
February 1999	-	-	-	-	-	-	-	-	-	-
March 1998	-	-	-	W	-	-	-	-	-	-
Maryland										
March 1999	W	W	317.0	73.5	W	W	W	NA	W	W
February 1999	W	W	355.6	73.8	W	W	W	NA	W	W
March 1998	W	W	370.4	12.6	W	W	W	W	-	W
New Jersey										
March 1999	W	NA	2,780.0	875.4	W	478.1	W	3.0	W	367.3
February 1999	W	17.8	3,669.1	1,278.7	W	435.2	W	5.0	-	492.4
March 1998	W	13.5	3,489.0	554.5	W	472.7	W	W	W	450.0
New York										
March 1999	W	4.2	NA	316.1	44.0	222.5	W	29.3	4.8	455.4
February 1999	W	5.7	NA	282.7	81.9	253.7	W	34.1	W	410.5
March 1998	W	W	933.4	318.9	59.2	188.2	W	10.1	W	339.0
Pennsylvania										
March 1999	W	11.2	1,408.5	304.2	11.5	281.4	NA	41.0	W	1,029.8
February 1999	W	12.2	1,257.7	343.6	15.7	440.0	W	56.5	W	925.0
March 1998	4.7	5.2	1,299.6	260.1	14.3	233.3	W	8.5	W	837.6

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
Subdistrict IC										
March 1999	41.7	102.8	5,861.6	1,113.8	19.5	567.5	2.9	90.3	83.2	3,719.2
February 1999	38.3	94.0	5,456.9	1,025.4	23.8	696.3	W	137.1	67.3	3,803.7
March 1998	40.5	85.8	6,003.9	828.2	17.6	676.0	0.6	1.4	66.8	3,262.9
Florida										
March 1999	30.6	51.0	3,080.4	321.4	3.3	30.5	—	W	W	813.5
February 1999	29.4	47.6	2,778.9	332.0	6.0	41.4	—	W	W	737.9
March 1998	25.0	45.1	3,279.6	266.4	4.2	40.7	—	—	W	775.2
Georgia										
March 1999	W	20.6	1,203.5	448.4	3.0	29.8	—	W	W	649.5
February 1999	W	17.4	1,180.8	362.3	3.6	40.6	W	W	W	W
March 1998	3.6	16.5	1,079.5	315.3	4.5	40.8	—	—	W	578.3
North Carolina										
March 1999	W	18.1	549.3	174.5	6.0	192.7	W	W	33.5	1,135.8
February 1999	W	16.4	499.6	156.1	4.7	260.0	W	W	25.3	903.8
March 1998	W	15.8	548.3	117.0	1.6	260.0	—	W	W	866.4
South Carolina										
March 1999	W	5.5	W	W	2.7	126.9	—	W	W	646.0
February 1999	W	4.4	W	W	3.4	149.5	—	W	W	605.3
March 1998	W	W	W	46.1	3.0	137.4	—	W	W	626.3
Virginia										
March 1999	W	5.3	912.7	122.0	1.8	184.4	2.5	42.7	W	W
February 1999	W	6.3	890.4	129.9	2.9	201.2	3.6	62.2	W	937.2
March 1998	W	1.8	982.3	76.8	0.8	183.0	W	W	W	321.4
West Virginia										
March 1999	W	NA	W	W	2.6	3.1	W	W	—	W
February 1999	W	NA	W	W	3.1	3.6	W	W	—	W
March 1998	W	W	W	6.5	3.5	14.2	W	W	W	95.3
PAD District II										
March 1999	26.8	145.9	8,833.8	2,482.5	123.8	395.2	NA	723.6	1,243.3	12,572.6
February 1999	23.5	134.0	8,525.6	2,389.2	148.8	455.5	NA	1,542.0	1,153.6	12,261.8
March 1998	26.6	150.5	8,644.6	1,285.3	182.5	606.5	183.4	717.0	1,045.5	11,146.0
Illinois										
March 1999	W	10.0	NA	80.2	W	55.2	W	77.9	W	1,216.5
February 1999	W	W	NA	74.5	W	62.5	W	182.8	W	1,376.3
March 1998	NA	W	1,863.8	67.6	W	44.4	W	64.7	W	1,361.8
Indiana										
March 1999	W	8.1	NA	162.0	W	24.8	NA	62.3	W	678.3
February 1999	W	7.4	NA	W	W	27.8	32.8	124.4	W	801.4
March 1998	W	NA	1,111.5	118.6	W	63.4	5.3	29.8	W	583.1
Iowa										
March 1999	W	W	NA	39.8	—	W	W	38.8	W	568.7
February 1999	W	W	NA	32.2	—	1.8	NA	108.0	W	743.1
March 1998	NA	11.8	94.0	25.1	—	NA	3.9	72.1	W	573.4
Kansas										
March 1999	W	9.6	157.9	28.6	—	1.7	5.0	50.2	W	3,274.3
February 1999	W	9.0	172.1	23.1	—	2.8	7.8	130.7	W	2,803.3
March 1998	W	NA	138.1	31.7	—	5.5	2.3	85.4	W	2,487.4
Kentucky										
March 1999	W	W	W	101.8	W	W	W	W	NA	685.0
February 1999	W	W	W	22.6	W	W	W	W	NA	589.7
March 1998	W	W	430.2	22.1	3.1	64.8	W	9.3	W	520.5
Michigan										
March 1999	W	W	763.0	179.7	W	NA	W	60.4	W	W
February 1999	0.9	W	NA	159.1	W	76.7	W	86.8	W	1,335.4
March 1998	W	27.3	967.7	134.1	4.9	88.3	W	45.0	W	1,005.3
Minnesota										
March 1999	W	W	1,111.2	145.5	W	W	60.7	91.6	188.8	824.8
February 1999	—	W	1,094.3	115.4	W	W	NA	235.9	202.4	970.5
March 1998	NA	W	1,011.8	132.6	W	W	37.0	99.1	152.7	746.6
Missouri										
March 1999	W	8.4	401.0	59.8	—	4.0	NA	22.3	W	915.2
February 1999	W	10.0	363.6	64.2	—	3.2	NA	34.5	W	900.4
March 1998	W	W	360.0	NA	—	7.5	W	12.7	W	884.8

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
Nebraska										
March 1999	W	W	89.5	20.4	—	0.3	W	30.4	W	243.7
February 1999	W	W	90.0	18.4	—	0.4	W	86.4	W	248.1
March 1998	NA	W	90.1	NA	—	NA	1.9	46.1	—	264.3
North Dakota										
March 1999	W	W	W	W	—	—	W	25.6	W	172.2
February 1999	W	W	W	8.4	—	W	W	65.5	W	233.2
March 1998	W	W	13.4	7.5	—	W	3.5	52.0	W	203.3
Ohio										
March 1999	W	25.5	1,355.3	351.9	16.2	77.2	W	W	W	1,189.1
February 1999	7.3	22.5	1,300.4	288.9	19.5	86.6	W	W	W	728.4
March 1998	8.4	25.6	1,149.0	182.5	15.4	164.0	9.3	22.8	W	921.3
Oklahoma										
March 1999	5.0	5.6	400.5	321.5	W	NA	W	5.3	W	502.8
February 1999	4.7	5.1	422.3	387.8	W	W	W	7.3	W	572.5
March 1998	4.2	NA	299.4	337.1	—	9.1	W	17.8	W	594.0
South Dakota										
March 1999	W	W	23.2	9.6	—	—	W	22.6	W	W
February 1999	W	W	23.7	8.3	—	—	W	70.0	W	132.8
March 1998	NA	NA	22.3	NA	—	—	W	52.6	W	148.2
Tennessee										
March 1999	W	17.3	213.2	W	4.0	91.2	W	W	W	247.8
February 1999	W	15.5	203.8	W	6.5	115.6	W	W	W	294.7
March 1998	W	12.0	960.4	56.9	6.8	142.4	W	—	W	250.1
Wisconsin										
March 1999	—	W	148.5	45.7	W	3.4	NA	111.7	154.2	582.9
February 1999	—	W	142.5	42.8	W	5.5	NA	234.4	145.5	532.2
March 1998	—	W	NA	78.1	W	4.7	NA	107.6	132.8	602.0
PAD District III										
March 1999	28.7	NA	10,133.6	5,194.7	131.9	398.0	NA	16.0	2,862.2	14,089.1
February 1999	26.0	111.8	10,973.3	6,418.9	243.1	456.4	W	36.6	3,192.4	14,825.9
March 1998	19.8	NA	10,926.4	4,671.6	4.1	556.5	W	NA	2,899.0	13,810.9
Alabama										
March 1999	W	5.7	167.5	57.8	W	12.7	—	W	44.1	363.1
February 1999	W	5.1	156.9	49.1	W	11.9	—	W	W	367.6
March 1998	2.1	6.9	145.0	39.4	0.7	19.4	—	W	W	308.5
Arkansas										
March 1999	W	8.4	86.9	177.6	—	W	—	—	W	260.0
February 1999	W	8.9	83.2	82.3	—	W	—	—	W	224.1
March 1998	W	W	82.2	NA	—	W	—	—	W	258.6
Louisiana										
March 1999	2.7	11.0	2,554.5	794.6	W	W	—	—	954.5	1,188.9
February 1999	W	11.7	2,865.5	1,463.0	W	W	—	—	562.3	1,141.1
March 1998	2.7	8.6	2,934.9	1,170.2	W	W	—	—	1,006.7	1,303.5
Mississippi										
March 1999	W	W	384.1	241.1	W	W	—	—	14.7	387.9
February 1999	W	W	770.8	272.2	W	W	—	—	12.4	825.4
March 1998	W	NA	694.1	181.2	W	W	—	—	W	750.9
New Mexico										
March 1999	W	W	NA	NA	—	W	NA	9.2	W	456.0
February 1999	W	W	166.0	29.1	—	W	W	24.5	W	494.1
March 1998	W	W	NA	NA	—	W	—	4.4	W	513.7
Texas										
March 1999	15.8	68.0	6,773.7	3,897.0	W	106.4	NA	W	1,721.1	11,433.2
February 1999	15.1	74.2	6,930.9	4,523.2	W	NA	W	W	2,468.6	11,773.6
March 1998	7.7	72.8	6,950.0	3,191.1	0.6	54.2	W	W	1,726.9	10,675.7
PAD District IV										
March 1999	11.1	21.8	NA	NA	W	NA	39.7	123.2	40.4	1,104.3
February 1999	10.2	19.3	1,623.1	186.9	W	3.8	80.6	313.1	42.7	1,206.3
March 1998	9.1	NA	1,344.5	NA	—	7.5	35.8	151.7	37.0	1,208.2
Colorado										
March 1999	W	W	746.5	W	—	W	7.5	43.6	W	353.4
February 1999	W	W	807.9	143.8	—	W	13.0	103.0	W	410.0
March 1998	W	W	560.4	NA	—	5.7	W	45.2	W	441.5

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
Idaho										
March 1999	W	W	76.8	9.5	—	—	5.9	17.9	W	W
February 1999	—	W	W	11.3	—	—	12.5	60.3	W	W
March 1998	W	W	53.0	9.8	—	W	7.9	17.2	W	11.1
Montana										
March 1999	W	—	W	6.7	—	W	W	26.8	W	215.6
February 1999	W	—	65.3	5.1	—	W	W	63.6	W	239.9
March 1998	W	W	60.6	3.3	—	W	5.5	32.6	W	222.3
Utah										
March 1999	W	5.1	530.6	28.6	—	W	10.9	10.1	0.7	W
February 1999	W	5.5	588.5	25.3	—	W	31.6	33.0	W	W
March 1998	W	4.7	630.3	19.5	—	NA	W	16.7	W	162.5
Wyoming										
March 1999	W	W	W	W	W	—	W	24.7	4.4	404.9
February 1999	W	W	W	1.4	W	—	W	53.1	5.4	408.7
March 1998	W	W	40.2	NA	—	—	10.8	40.0	W	370.7
PAD District V										
March 1999	25.8	155.8	13,669.0	2,511.2	W	NA	95.4	290.2	17.2	2,353.1
February 1999	24.5	128.4	12,477.9	2,778.1	W	NA	114.3	377.9	26.8	2,240.4
March 1998	28.7	151.5	13,635.7	4,336.7	0.2	64.3	161.0	145.1	14.9	2,396.2
Alaska										
March 1999	W	NA	1,896.5	W	W	—	82.0	224.6	1.7	W
February 1999	W	NA	1,768.0	128.4	W	—	100.7	277.8	1.5	W
March 1998	W	21.6	1,755.7	93.8	W	—	147.9	116.2	1.5	W
Arizona										
March 1999	W	15.1	674.0	189.1	W	—	W	W	—	45.4
February 1999	W	14.5	669.7	220.5	—	W	W	W	—	92.1
March 1998	W	13.5	564.9	229.5	W	W	W	W	—	47.8
California										
March 1999	12.2	68.7	7,875.7	1,278.6	—	NA	—	8.2	W	1,568.1
February 1999	10.8	56.9	7,068.6	1,466.6	—	NA	—	10.6	W	1,353.1
March 1998	11.3	72.9	8,052.3	2,922.9	—	39.2	—	W	6.9	1,574.8
Hawaii										
March 1999	—	W	368.6	W	—	—	—	—	—	W
February 1999	—	W	430.1	W	—	—	—	—	—	W
March 1998	—	W	482.3	W	—	—	—	—	—	W
Nevada										
March 1999	W	9.3	606.6	116.8	—	NA	—	W	W	140.4
February 1999	—	8.2	527.9	121.1	—	W	—	W	—	189.4
March 1998	—	8.7	605.1	159.2	—	W	—	NA	W	146.8
Oregon										
March 1999	W	W	529.3	67.8	—	W	NA	10.4	W	36.6
February 1999	—	W	496.2	W	—	NA	NA	19.9	W	W
March 1998	W	W	524.3	W	—	9.2	—	4.6	W	7.9
Washington										
March 1999	W	W	1,718.3	131.7	—	W	W	46.6	W	522.6
February 1999	W	W	1,517.4	120.1	—	W	W	68.7	W	504.3
March 1998	W	W	1,651.2	312.4	W	15.4	W	21.1	W	536.3

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				
United States										
March 1999	14,802.0	83,766.8	7,205.9	14,610.5	22,007.9	98,377.3	3,685.5	30,879.9	25,693.4	129,257.3
February 1999	14,113.5	77,992.2	7,203.7	13,778.8	21,317.3	91,771.0	3,940.6	38,039.1	25,257.9	129,810.1
March 1998	14,321.6	73,946.4	7,937.3	14,547.0	22,258.9	88,493.5	2,591.8	31,988.9	24,850.7	120,482.4
PAD District I										
March 1999	4,669.0	19,766.8	1,079.4	3,251.4	5,748.5	23,018.2	1,357.8	20,984.5	7,106.3	44,002.7
February 1999	4,304.4	18,912.8	945.7	3,244.6	5,250.1	22,157.4	1,343.1	25,711.0	6,593.2	47,868.3
March 1998	4,263.9	17,650.0	1,282.9	3,084.4	5,546.8	20,734.4	946.3	20,943.9	6,493.1	41,678.3
Subdistrict IA										
March 1999	316.8	1,300.5	58.0	NA	374.8	NA	109.5	4,004.1	484.3	5,816.7
February 1999	310.1	1,496.8	60.5	NA	370.6	2,036.5	143.0	5,910.4	513.6	7,946.9
March 1998	W	W	W	W	298.5	1,617.3	35.7	3,625.7	334.2	5,243.0
Connecticut										
March 1999	152.7	W	W	W	W	707.3	W	1,486.5	199.5	2,193.8
February 1999	129.3	W	W	W	W	961.9	W	2,078.9	184.1	3,040.8
March 1998	W	W	-	W	W	527.0	W	1,041.9	118.6	1,568.9
Maine										
March 1999	W	202.7	W	NA	15.5	205.4	-	505.3	15.5	710.7
February 1999	W	236.3	W	NA	W	239.1	-	520.1	W	759.3
March 1998	W	W	W	W	W	141.0	-	441.0	W	581.9
Massachusetts										
March 1999	103.7	285.7	W	NA	W	NA	W	976.4	149.5	1,471.5
February 1999	W	290.3	W	NA	119.9	NA	32.7	2,194.9	152.6	2,706.4
March 1998	95.3	W	W	W	W	706.7	W	982.3	110.7	1,689.0
New Hampshire										
March 1999	W	25.0	W	W	W	W	W	W	16.6	96.4
February 1999	15.1	W	W	NA	W	W	W	W	W	147.8
March 1998	10.9	15.4	W	W	W	W	W	W	W	W
Rhode Island										
March 1999	27.2	W	W	W	W	328.3	W	824.7	34.4	1,153.0
February 1999	W	W	-	W	W	NA	W	824.9	38.0	1,059.0
March 1998	W	W	-	W	W	197.8	W	1,093.6	28.2	1,291.4
Vermont										
March 1999	11.8	44.4	5.5	W	17.3	W	51.4	W	68.7	191.4
February 1999	13.1	51.9	4.9	W	18.1	W	78.6	W	96.7	233.6
March 1998	W	W	W	-	W	W	W	W	34.5	W
Subdistrict IB										
March 1999	1,382.1	7,704.5	224.1	NA	1,606.2	8,617.6	685.8	13,908.4	2,292.0	22,526.0
February 1999	1,353.3	7,446.2	155.9	NA	1,509.1	8,456.7	684.0	16,789.1	2,193.1	25,245.9
March 1998	W	W	W	W	1,562.3	7,580.8	574.5	14,279.0	2,136.8	21,859.8
Delaware										
March 1999	NA	W	W	W	W	NA	W	W	W	W
February 1999	NA	W	W	NA	W	W	W	W	W	W
March 1998	W	W	W	-	W	W	W	W	21.3	W
District of Columbia										
March 1999	W	8.2	-	-	W	8.2	W	W	W	W
February 1999	W	W	-	-	W	W	W	W	W	W
March 1998	4.9	W	-	-	4.9	W	-	W	4.9	W
Maryland										
March 1999	W	612.6	W	109.7	212.2	722.4	39.7	608.0	251.9	1,330.4
February 1999	W	W	W	W	205.7	623.6	43.2	880.3	248.9	1,503.9
March 1998	198.2	534.0	W	64.4	W	598.4	W	601.8	350.9	1,200.2
New Jersey										
March 1999	410.7	2,842.6	115.6	NA	526.3	3,530.9	66.8	5,249.7	593.1	8,780.6
February 1999	336.5	2,640.1	92.6	NA	429.1	3,536.2	63.4	6,650.5	492.4	10,186.8
March 1998	345.9	2,635.6	125.5	221.7	471.4	2,857.3	72.7	6,284.0	544.2	9,141.3
New York										
March 1999	W	W	W	W	357.4	1,234.9	251.4	4,351.7	608.8	5,586.6
February 1999	W	W	W	W	341.4	1,041.8	272.1	4,821.3	613.4	5,863.0
March 1998	254.5	W	11.4	W	266.0	1,044.2	171.4	4,127.1	437.3	5,171.3
Pennsylvania										
March 1999	460.8	2,862.4	24.9	NA	485.8	2,911.2	310.1	3,462.8	795.9	6,374.0
February 1999	490.4	3,002.9	20.4	NA	510.8	3,053.0	292.0	4,174.1	802.8	7,227.0
March 1998	474.6	W	53.9	W	528.5	2,887.0	249.8	3,033.1	778.3	5,920.1

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				
Subdistrict IC										
March 1999	2,970.2	10,761.8	797.3	1,826.3	3,767.5	12,588.0	562.5	3,072.0	4,330.0	15,660.1
February 1999	2,641.0	9,969.8	729.4	1,694.4	3,370.3	11,664.1	516.1	3,011.4	3,886.5	14,675.6
March 1998	2,704.5	9,668.4	981.5	1,867.8	3,686.1	11,536.2	336.1	3,039.3	4,022.1	14,575.5
Florida										
March 1999	1,166.1	2,744.9	264.1	676.3	1,430.2	3,421.2	95.6	561.3	1,525.8	3,982.5
February 1999	984.4	2,648.8	253.1	580.8	1,237.5	3,229.5	40.5	530.8	1,278.0	3,760.3
March 1998	1,007.3	2,489.0	308.3	597.9	1,315.5	3,086.9	19.7	546.1	1,335.3	3,633.0
Georgia										
March 1999	813.5	2,221.5	178.4	NA	991.9	2,472.5	59.4	407.6	1,051.3	2,880.1
February 1999	759.8	2,135.4	172.9	NA	932.6	2,393.4	56.4	376.4	989.0	2,769.8
March 1998	695.9	2,104.9	150.5	292.0	846.4	2,396.9	35.1	423.8	881.5	2,820.7
North Carolina										
March 1999	360.6	2,376.4	134.5	457.3	495.1	2,833.6	162.4	656.2	657.5	3,489.8
February 1999	345.0	2,101.0	113.6	432.9	458.6	2,533.9	154.0	635.4	612.7	3,169.3
March 1998	342.8	1,925.0	156.1	481.3	499.0	2,406.3	150.7	608.3	649.7	3,014.6
South Carolina										
March 1999	290.3	1,108.7	W	124.8	W	1,233.5	W	246.2	380.5	1,479.7
February 1999	280.5	1,018.3	W	130.9	W	1,149.2	W	240.9	367.0	1,390.1
March 1998	293.1	1,004.2	W	145.1	W	1,149.3	W	285.3	373.2	1,345.4
Virginia										
March 1999	257.9	2,057.0	138.8	242.8	396.7	2,299.8	71.9	1,041.0	468.7	3,340.9
February 1999	194.9	1,851.8	120.5	220.4	315.4	2,072.2	80.8	1,063.0	396.1	3,135.2
March 1998	271.5	1,830.8	189.4	272.5	460.9	2,103.3	57.3	976.6	518.2	3,079.9
West Virginia										
March 1999	81.7	253.2	W	74.2	W	327.4	W	159.7	246.2	487.1
February 1999	76.4	214.5	W	71.5	W	286.0	W	164.9	243.5	450.9
March 1998	93.9	314.5	W	79.1	W	393.5	W	199.2	264.4	592.8
PAD District II										
March 1999	5,764.0	25,453.2	2,303.7	2,955.9	8,067.7	28,409.1	NA	4,983.1	9,949.3	33,392.2
February 1999	5,514.6	22,810.3	2,308.8	2,462.3	7,823.4	25,272.6	NA	4,970.6	9,904.2	30,243.3
March 1998	5,545.1	22,866.7	2,344.0	2,369.2	7,889.1	25,235.9	1,139.1	6,732.8	9,028.2	31,968.6
Illinois										
March 1999	W	2,453.5	W	120.3	811.7	2,573.9	NA	969.3	1,185.1	3,543.2
February 1999	W	2,643.3	W	93.0	781.1	2,736.3	NA	1,062.5	1,158.2	3,798.8
March 1998	548.6	2,577.1	116.9	84.5	665.5	2,661.5	211.0	1,581.9	876.5	4,243.4
Indiana										
March 1999	949.0	2,444.1	44.4	240.5	993.5	2,684.7	NA	492.5	1,213.5	3,177.2
February 1999	892.9	2,209.8	37.2	185.5	930.1	2,395.3	NA	457.9	1,130.9	2,853.2
March 1998	943.3	1,958.9	W	213.9	W	2,172.9	W	745.2	1,151.3	2,918.0
Iowa										
March 1999	W	1,602.6	11.5	77.6	W	1,680.2	W	162.2	NA	1,842.3
February 1999	W	1,203.0	9.8	39.0	W	1,242.0	W	138.8	NA	1,380.8
March 1998	134.9	1,460.0	W	31.6	W	1,491.6	W	151.4	154.2	1,643.0
Kansas										
March 1999	191.4	1,729.1	W	78.8	W	1,807.9	W	97.5	312.6	1,905.4
February 1999	W	1,380.9	W	107.6	266.8	1,488.5	NA	87.1	279.5	1,575.6
March 1998	130.8	1,616.8	W	117.9	W	1,734.7	W	144.4	349.8	1,879.1
Kentucky										
March 1999	413.3	1,299.7	W	186.4	W	1,486.1	W	370.2	803.5	1,856.4
February 1999	377.4	1,272.9	W	221.9	W	1,494.7	W	420.1	795.9	1,914.9
March 1998	362.1	1,004.5	295.3	238.0	657.4	1,242.5	49.9	458.2	707.3	1,700.7
Michigan										
March 1999	W	1,871.3	W	NA	649.3	2,064.1	43.5	488.5	692.8	2,552.6
February 1999	W	1,749.7	W	237.4	607.5	1,987.1	43.3	426.2	650.8	2,413.3
March 1998	509.6	1,534.2	127.4	160.7	637.0	1,694.9	52.9	705.9	690.0	2,400.8
Minnesota										
March 1999	W	1,294.9	W	231.7	161.5	1,526.6	NA	292.3	W	1,818.9
February 1999	W	940.3	W	197.3	133.9	1,137.6	NA	318.7	W	1,456.3
March 1998	131.1	1,003.0	15.2	203.0	146.2	1,206.0	169.6	288.9	315.9	1,494.9
Missouri										
March 1999	308.2	1,856.1	27.7	149.8	335.9	2,005.9	NA	94.1	379.5	2,099.9
February 1999	238.4	1,750.9	32.9	150.3	271.3	1,901.1	NA	74.4	319.8	1,975.5
March 1998	W	1,684.5	15.8	97.4	W	1,781.8	W	85.8	199.5	1,867.6

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				
Nebraska										
March 1999	W	1,096.9	W	119.6	NA	1,216.5	NA	73.1	131.0	1,289.6
February 1999	W	724.1	W	53.9	NA	778.0	NA	27.9	133.9	805.9
March 1998	27.5	800.3	W	85.4	W	885.7	W	50.1	176.6	935.7
North Dakota										
March 1999	W	544.4	—	NA	W	611.0	NA	NA	W	647.2
February 1999	W	370.5	—	NA	W	430.0	NA	53.6	W	483.6
March 1998	W	527.8	W	64.2	16.5	592.0	W	86.1	W	678.1
Ohio										
March 1999	1,269.6	2,135.4	W	314.2	W	2,449.6	W	970.3	1,856.0	3,419.9
February 1999	1,360.2	2,240.6	W	275.0	W	2,515.6	W	940.7	1,964.1	3,456.3
March 1998	1,455.4	2,114.8	506.4	272.1	1,961.8	2,386.9	56.0	1,161.8	2,017.9	3,548.7
Oklahoma										
March 1999	W	2,407.1	888.1	304.1	W	2,711.3	W	96.0	1,135.5	2,807.3
February 1999	W	2,397.7	1,021.2	W	W	W	W	W	1,315.0	2,808.3
March 1998	265.5	2,638.0	W	185.8	W	2,823.9	W	73.9	1,082.4	2,897.8
South Dakota										
March 1999	W	630.0	—	16.0	W	646.0	W	NA	12.4	666.1
February 1999	W	448.1	—	W	W	W	W	W	19.1	470.6
March 1998	W	500.8	—	8.6	W	509.4	W	26.9	W	536.3
Tennessee										
March 1999	813.5	2,554.4	263.1	623.9	1,076.5	3,178.3	NA	299.7	1,088.4	3,478.0
February 1999	728.5	2,113.1	213.1	268.0	941.6	2,381.1	NA	300.0	953.5	2,681.1
March 1998	566.8	1,861.4	227.2	377.5	793.9	2,238.9	22.3	473.6	816.3	2,712.5
Wisconsin										
March 1999	258.6	1,533.7	W	233.5	W	1,767.2	W	521.1	311.2	2,288.2
February 1999	223.9	1,365.6	W	240.0	W	1,605.6	W	563.6	285.6	2,169.2
March 1998	W	1,584.4	W	228.7	278.4	1,813.1	NA	698.7	296.9	2,511.9
PAD District III										
March 1999	1,499.6	20,513.4	1,946.7	5,630.2	3,446.4	26,143.6	189.2	4,639.2	3,635.5	30,782.8
February 1999	1,511.8	19,629.8	1,988.4	6,086.2	3,500.3	25,716.0	231.6	7,104.0	3,731.9	32,820.0
March 1998	1,733.8	17,508.1	2,423.4	6,723.9	4,157.2	24,232.0	278.2	3,929.1	4,435.4	28,161.1
Alabama										
March 1999	214.0	1,306.8	186.9	139.8	400.8	1,446.6	28.0	250.7	428.8	1,697.3
February 1999	214.1	1,238.6	142.5	127.1	356.6	1,365.7	65.4	255.3	422.1	1,621.0
March 1998	200.9	1,186.2	112.9	270.4	313.8	1,456.5	38.2	353.2	352.0	1,809.8
Arkansas										
March 1999	W	1,267.3	38.0	573.5	W	1,840.7	W	NA	NA	1,912.5
February 1999	207.3	1,191.1	W	498.6	W	1,689.8	W	NA	268.5	1,800.3
March 1998	192.3	1,307.8	W	602.3	W	1,910.1	W	84.5	210.2	1,994.6
Louisiana										
March 1999	W	1,680.5	380.5	2,719.3	W	4,399.8	W	1,203.1	581.3	5,602.9
February 1999	W	1,592.1	434.8	2,876.1	W	4,468.1	W	1,900.1	646.1	6,368.3
March 1998	W	1,682.2	1,011.5	3,317.3	W	4,999.5	W	804.9	1,225.9	5,804.5
Mississippi										
March 1999	103.5	1,243.7	W	826.9	W	2,070.6	W	135.7	198.6	2,206.4
February 1999	94.0	1,174.4	W	1,013.9	W	2,188.3	W	190.4	197.8	2,378.7
March 1998	151.2	1,062.0	W	536.7	W	1,598.7	W	941.9	236.2	2,540.6
New Mexico										
March 1999	W	1,015.3	W	54.8	108.7	1,070.1	—	—	108.7	1,070.1
February 1999	W	997.5	W	75.5	122.3	1,073.0	—	—	122.3	1,073.0
March 1998	W	692.6	W	84.0	157.6	776.6	—	—	157.6	776.6
Texas										
March 1999	NA	13,999.8	1,297.7	NA	2,007.1	15,315.7	NA	2,977.8	2,084.6	18,293.6
February 1999	694.3	13,436.0	1,299.4	1,495.1	1,993.7	14,931.1	NA	4,647.7	2,075.2	19,578.8
March 1998	899.2	11,577.2	1,192.6	1,913.3	2,091.8	13,490.5	161.6	1,744.5	2,253.4	15,235.0
PAD District IV										
March 1999	914.8	4,236.6	457.6	NA	1,372.4	4,755.1	NA	NA	1,517.7	4,768.1
February 1999	841.9	3,511.2	446.4	373.1	1,288.3	3,884.3	NA	NA	1,447.8	3,899.7
March 1998	881.5	3,128.4	W	W	W	W	W	W	1,451.9	3,477.5
Colorado										
March 1999	W	W	W	W	235.9	1,521.3	NA	NA	236.4	1,534.2
February 1999	W	W	W	W	227.9	1,273.1	NA	NA	228.3	1,288.5
March 1998	172.9	W	W	W	W	W	W	W	317.3	979.2

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				
Idaho										
March 1999	W	657.7	W	189.9	117.3	847.5	NA	—	120.8	847.5
February 1999	W	557.0	W	122.8	95.4	679.8	NA	—	99.2	679.8
March 1998	24.4	369.5	W	153.3	W	522.8	W	—	97.1	522.8
Montana										
March 1999	162.7	W	—	W	162.7	667.1	NA	—	162.9	667.1
February 1999	152.8	483.6	—	—	152.8	483.6	NA	—	153.1	483.6
March 1998	W	600.5	—	NA	W	600.6	W	—	167.1	600.6
Utah										
March 1999	312.0	888.7	NA	155.6	324.1	1,044.3	NA	—	465.3	1,044.3
February 1999	291.4	789.7	NA	125.0	300.6	914.7	NA	—	455.6	914.7
March 1998	266.0	601.0	W	148.7	W	749.7	W	—	382.3	749.7
Wyoming										
March 1999	W	W	W	W	532.3	675.0	—	—	532.3	675.0
February 1999	W	W	W	W	511.6	533.1	—	—	511.6	533.1
March 1998	W	W	W	W	488.1	625.3	—	—	488.1	625.3
PAD District V										
March 1999	1,954.6	NA	1,418.4	2,254.5	3,373.0	16,051.3	111.7	260.2	3,484.7	16,311.5
February 1999	1,940.8	13,128.1	1,514.4	1,612.5	3,455.2	14,740.7	125.6	238.1	3,580.8	14,978.8
March 1998	1,897.3	12,793.2	W	W	W	W	W	W	3,442.1	15,196.8
Alaska										
March 1999	W	W	W	W	209.5	W	W	W	320.4	435.2
February 1999	W	W	W	46.2	268.0	W	W	W	393.4	300.3
March 1998	W	NA	W	W	221.8	W	134.5	W	356.3	502.3
Arizona										
March 1999	W	W	W	W	357.1	972.9	—	—	357.1	972.9
February 1999	W	W	W	W	392.4	1,089.1	—	—	392.4	1,089.1
March 1998	W	W	W	W	414.8	1,041.5	—	—	414.8	1,041.5
California										
March 1999	W	NA	W	NA	1,506.4	NA	—	NA	1,506.4	NA
February 1999	W	8,585.3	W	368.1	1,518.3	8,953.5	—	NA	1,518.3	8,954.4
March 1998	W	8,053.8	W	W	1,390.0	W	—	W	1,390.0	8,311.0
Hawaii										
March 1999	37.9	62.3	W	85.9	W	148.2	—	—	W	148.2
February 1999	37.6	60.7	W	80.4	W	141.0	—	—	W	141.0
March 1998	43.4	W	W	W	W	139.3	—	—	W	139.3
Nevada										
March 1999	W	W	W	W	77.4	620.3	—	—	W	620.3
February 1999	W	W	W	W	79.8	621.1	—	—	W	621.1
March 1998	W	536.1	W	NA	85.1	556.4	—	—	85.1	556.4
Oregon										
March 1999	W	1,111.6	W	475.9	443.8	1,587.5	—	—	443.8	1,587.5
February 1999	W	1,055.7	W	343.8	457.0	1,399.5	—	—	457.0	1,399.5
March 1998	W	1,171.7	W	566.0	256.5	1,737.7	—	—	256.5	1,737.7
Washington										
March 1999	W	W	238.5	917.3	W	W	W	W	398.2	2,919.4
February 1999	W	W	247.9	704.6	W	W	W	W	360.6	2,473.4
March 1998	W	2,010.8	NA	W	W	W	W	W	W	2,908.6

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 ^a	
	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		
United States								
March 1999	4,120.5	3,230.4	10,552.1	8,048.2	14,672.5	11,278.6	366.4	283.0
February 1999	4,370.3	5,321.9	11,875.5	12,327.8	16,245.8	17,649.6	471.0	281.2
March 1998	4,246.0	5,535.2	11,255.5	7,212.5	15,501.5	12,747.7	385.6	279.0
PAD District I								
March 1999	3,235.0	2,162.5	5,581.8	3,281.0	8,816.8	5,443.5	W	190.8
February 1999	3,385.5	3,625.7	6,053.4	4,717.9	9,438.9	8,343.6	W	180.5
March 1998	3,213.9	W	5,916.3	W	9,130.2	5,723.2	W	210.4
Subdistrict IA								
March 1999	W	W	W	W	W	W	W	W
February 1999	W	W	W	W	W	2,091.3	W	W
March 1998	W	W	W	W	W	W	W	W
Subdistrict IB								
March 1999	2,896.6	1,613.4	2,143.0	NA	5,039.6	3,018.7	W	175.4
February 1999	3,092.7	2,296.1	2,277.9	1,688.8	5,370.6	3,984.9	W	165.8
March 1998	2,648.8	W	2,927.6	W	5,576.4	3,821.8	W	196.8
Subdistrict IC								
March 1999	W	W	W	W	W	W	10.2	W
February 1999	W	W	W	W	W	2,267.5	W	W
March 1998	W	W	W	W	W	W	18.3	W
PAD District II								
March 1999	W	W	54.3	W	W	438.1	2.7	NA
February 1999	W	W	69.8	W	W	320.1	3.9	W
March 1998	W	W	86.5	W	W	416.4	7.6	W
PAD District III								
March 1999	-	401.3	3,407.8	2,770.2	3,407.8	3,171.5	W	W
February 1999	-	1,124.7	4,223.0	5,282.0	4,223.0	6,406.7	-	W
March 1998	-	NA	3,704.9	4,177.1	3,704.9	5,265.8	-	W
PAD District IV								
March 1999	-	W	W	W	W	24.9	-	-
February 1999	-	W	W	W	W	58.8	-	-
March 1998	-	W	W	W	W	58.0	-	-
PAD District V								
March 1999	W	579.0	W	NA	2,376.1	NA	W	W
February 1999	W	529.0	W	NA	2,498.1	NA	W	W
March 1998	W	437.5	W	846.8	2,564.8	1,284.3	W	W

Dash (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

^a 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 ^a	Oxygenated	Reformulated	Total	Conventional	Oxygenated	Reformulated	Total
United States								
March 1999	164,759.4	10,602.2	75,162.9	250,524.5	23,065.9	1,746.2	14,691.0	39,503.1
February 1999	154,792.1	13,314.3	73,577.1	241,683.5	22,285.8	1,957.5	14,498.1	38,741.4
March 1998	160,301.9	8,156.3	75,682.6	244,140.9	22,984.5	1,363.3	14,895.3	39,243.0
PAD District I								
March 1999	51,173.3	—	30,098.0	81,271.3	9,257.1	—	5,648.3	14,905.4
February 1999	49,249.0	—	29,406.3	78,655.3	8,848.6	—	5,542.3	14,390.9
March 1998	50,223.0	—	30,471.4	80,694.4	9,103.7	—	5,752.7	14,856.4
Subdistrict IA								
March 1999	1,582.9	—	9,887.5	11,470.5	174.2	—	1,475.2	1,649.3
February 1999	1,680.1	—	9,847.9	11,528.0	180.6	—	1,468.9	1,649.5
March 1998	1,504.9	—	9,776.2	11,281.1	184.5	—	1,514.8	1,699.4
Connecticut								
March 1999	—	—	2,534.4	2,534.4	—	—	419.6	419.6
February 1999	—	—	2,504.6	2,504.6	—	—	409.5	409.5
March 1998	—	—	2,495.6	2,495.6	—	—	424.0	424.0
Maine								
March 1999	745.3	—	886.5	1,631.8	71.0	—	91.0	162.0
February 1999	811.5	—	886.8	1,698.3	71.6	—	97.9	169.5
March 1998	731.2	—	930.9	1,662.1	84.2	—	89.9	174.1
Massachusetts								
March 1999	—	—	4,790.0	4,790.0	—	—	722.9	722.9
February 1999	—	—	4,778.9	4,778.9	—	—	719.5	719.5
March 1998	—	—	4,674.4	4,674.4	—	—	758.5	758.5
New Hampshire								
March 1999	281.5	—	732.0	1,013.6	36.8	—	101.0	137.8
February 1999	305.3	—	737.6	1,042.9	41.1	—	101.8	142.9
March 1998	280.5	—	722.1	1,002.5	37.2	—	97.5	134.7
Rhode Island								
March 1999	—	—	944.5	944.5	—	—	140.6	140.6
February 1999	—	—	940.0	940.0	—	—	140.2	140.2
March 1998	—	—	953.2	953.2	—	—	144.9	144.9
Vermont								
March 1999	556.1	—	—	556.1	66.3	—	—	66.3
February 1999	563.4	—	—	563.4	67.9	—	—	67.9
March 1998	493.2	—	—	493.2	63.1	—	—	63.1
Subdistrict IB								
March 1999	12,861.9	—	16,924.0	29,785.9	1,459.4	—	3,344.5	4,804.0
February 1999	12,335.6	—	16,348.1	28,683.6	1,409.7	—	3,273.1	4,682.8
March 1998	12,865.5	—	17,301.4	30,166.9	1,449.0	—	3,422.5	4,871.5
Delaware								
March 1999	—	—	690.3	690.3	—	—	143.5	143.5
February 1999	—	—	672.6	672.6	—	—	138.4	138.4
March 1998	—	—	690.7	690.7	—	—	157.4	157.4
District of Columbia								
March 1999	—	—	123.2	123.2	—	—	NA	NA
February 1999	—	—	116.6	116.6	—	—	NA	NA
March 1998	—	—	122.0	122.0	—	—	NA	NA
Maryland								
March 1999	381.7	—	2,867.3	3,249.0	56.1	—	712.6	768.8
February 1999	361.5	—	2,851.4	3,212.9	53.5	—	709.1	762.6
March 1998	W	—	W	3,246.0	73.4	—	740.6	814.0
New Jersey								
March 1999	—	—	6,747.9	6,747.9	—	—	1,151.0	1,151.0
February 1999	—	—	6,470.4	6,470.4	—	—	1,127.5	1,127.5
March 1998	W	—	W	6,975.2	—	—	1,156.2	1,156.2
New York								
March 1999	5,107.1	—	4,282.8	9,389.8	445.6	—	778.3	1,224.0
February 1999	4,693.4	—	4,059.0	8,752.5	439.4	—	755.1	1,194.5
March 1998	4,986.5	—	4,463.0	9,449.5	431.6	—	791.4	1,223.0
Pennsylvania								
March 1999	7,373.1	—	2,212.5	9,585.6	957.6	—	486.1	1,443.7
February 1999	7,280.6	—	2,178.0	9,458.6	916.8	—	473.6	1,390.4
March 1998	7,441.1	—	2,242.5	9,683.6	944.0	—	504.9	1,448.9

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
United States								
March 1999	38,964.5	1,698.8	24,867.6	65,530.9	226,789.8	14,047.2	114,721.5	355,558.5
February 1999	38,588.8	2,369.0	25,183.8	66,141.6	215,666.6	17,640.9	113,259.0	346,566.5
March 1998	35,452.8	1,095.9	23,835.1	60,383.9	218,739.2	10,615.6	114,413.0	343,767.8
PAD District I								
March 1999	16,222.5	—	12,829.5	29,052.0	76,652.8	—	48,575.8	125,228.7
February 1999	16,049.3	—	12,934.1	28,983.5	74,147.0	—	47,882.7	122,029.7
March 1998	14,619.6	—	12,346.2	26,965.8	73,946.4	—	48,570.3	122,516.6
Subdistrict IA								
March 1999	283.3	—	2,703.9	2,987.1	2,040.4	—	14,066.6	16,106.9
February 1999	327.0	—	2,725.4	3,052.4	2,187.8	—	14,042.2	16,229.9
March 1998	245.0	—	2,490.4	2,735.3	1,934.4	—	13,781.4	15,715.8
Connecticut								
March 1999	—	—	763.4	763.4	—	—	3,717.4	3,717.4
February 1999	—	—	766.8	766.8	—	—	3,680.9	3,680.9
March 1998	—	—	697.0	697.0	—	—	3,616.6	3,616.6
Maine								
March 1999	114.5	—	163.6	278.1	930.8	—	1,141.2	2,072.0
February 1999	143.9	—	171.9	315.8	1,027.0	—	1,156.5	2,183.5
March 1998	100.0	—	149.5	249.5	915.5	—	1,170.3	2,085.8
Massachusetts								
March 1999	—	—	1,368.0	1,368.0	—	—	6,880.9	6,880.9
February 1999	—	—	1,371.6	1,371.6	—	—	6,870.0	6,870.0
March 1998	—	—	1,255.3	1,255.3	—	—	6,688.3	6,688.3
New Hampshire								
March 1999	48.8	—	152.0	200.9	367.2	—	985.1	1,352.3
February 1999	57.3	—	157.8	215.1	403.6	—	997.2	1,400.8
March 1998	47.3	—	141.1	188.4	364.9	—	960.7	1,325.6
Rhode Island								
March 1999	—	—	256.8	256.8	—	—	1,342.0	1,342.0
February 1999	—	—	257.4	257.4	—	—	1,337.6	1,337.6
March 1998	—	—	247.4	247.4	—	—	1,345.5	1,345.5
Vermont								
March 1999	120.0	—	—	120.0	742.4	—	—	742.4
February 1999	125.8	—	—	125.8	757.1	—	—	757.1
March 1998	97.7	—	—	97.7	654.0	—	—	654.0
Subdistrict IB								
March 1999	2,849.8	—	8,694.0	11,543.9	17,171.1	—	28,962.6	46,133.7
February 1999	2,902.9	—	8,749.8	11,652.6	16,648.1	—	28,370.9	45,019.0
March 1998	2,615.2	—	8,494.6	11,109.7	16,929.7	—	29,218.5	46,148.2
Delaware								
March 1999	—	—	162.5	162.5	—	—	996.3	996.3
February 1999	—	—	162.4	162.4	—	—	973.4	973.4
March 1998	—	—	159.3	159.3	—	—	1,007.4	1,007.4
District of Columbia								
March 1999	—	—	NA	NA	—	—	NA	NA
February 1999	—	—	NA	NA	—	—	NA	NA
March 1998	—	—	NA	NA	—	—	347.9	347.9
Maryland								
March 1999	98.4	—	1,255.7	1,354.1	536.2	—	4,835.7	5,371.9
February 1999	96.8	—	1,279.6	1,376.3	511.8	—	4,840.0	5,351.9
March 1998	101.8	—	1,183.7	1,285.5	W	—	W	5,345.5
New Jersey								
March 1999	—	—	3,207.4	3,207.4	—	—	11,106.4	11,106.4
February 1999	—	—	3,261.1	3,261.1	—	—	10,859.0	10,859.0
March 1998	—	—	3,201.3	3,201.3	W	—	W	11,332.7
New York								
March 1999	930.7	—	3,044.3	3,975.0	6,483.4	—	8,105.4	14,588.8
February 1999	934.8	—	3,032.0	3,966.8	6,067.6	—	7,846.1	13,913.8
March 1998	844.4	—	2,962.5	3,806.9	6,262.5	—	8,216.8	14,479.4
Pennsylvania								
March 1999	1,820.8	—	865.0	2,685.8	10,151.5	—	3,563.6	13,715.2
February 1999	1,871.3	—	857.2	2,728.5	10,068.7	—	3,508.8	13,577.5
March 1998	1,668.9	—	833.9	2,502.8	10,054.0	—	3,581.4	13,635.3

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 ^a	Oxygenated	Reformulated	Total	Conventional	Oxygenated	Reformulated	Total
Subdistrict IC								
March 1999	36,728.5	—	3,286.4	40,014.9	7,623.5	—	828.6	8,452.1
February 1999	35,233.3	—	3,210.3	38,443.6	7,258.4	—	800.3	8,058.6
March 1998	35,852.6	—	3,393.8	39,246.4	7,470.1	—	815.3	8,285.5
Florida								
March 1999	13,020.0	—	—	13,020.0	3,115.7	—	—	3,115.7
February 1999	12,600.9	—	—	12,600.9	2,987.7	—	—	2,987.7
March 1998	12,753.9	—	—	12,753.9	3,042.3	—	—	3,042.3
Georgia								
March 1999	7,999.2	—	—	7,999.2	1,645.2	—	—	1,645.2
February 1999	7,769.7	—	—	7,769.7	1,567.7	—	—	1,567.7
March 1998	8,050.1	—	—	8,050.1	1,642.0	—	—	1,642.0
North Carolina								
March 1999	7,440.6	—	—	7,440.6	1,459.5	—	—	1,459.5
February 1999	7,012.1	—	—	7,012.1	1,379.4	—	—	1,379.4
March 1998	7,174.6	—	—	7,174.6	1,418.1	—	—	1,418.1
South Carolina								
March 1999	3,976.5	—	—	3,976.5	691.5	—	—	691.5
February 1999	3,769.1	—	—	3,769.1	642.5	—	—	642.5
March 1998	3,855.4	—	—	3,855.4	679.5	—	—	679.5
Virginia								
March 1999	3,026.2	—	3,286.4	6,312.6	538.3	—	828.6	1,366.9
February 1999	2,869.9	—	3,210.3	6,080.2	510.3	—	800.3	1,310.6
March 1998	2,960.0	—	3,393.8	6,353.7	503.9	—	815.3	1,319.2
West Virginia								
March 1999	1,266.0	—	—	1,266.0	173.2	—	—	173.2
February 1999	1,211.6	—	—	1,211.6	170.8	—	—	170.8
March 1998	1,058.6	—	—	1,058.6	184.4	—	—	184.4
PAD District II								
March 1999	62,821.2	4,641.6	7,955.9	75,418.7	6,915.7	882.0	1,652.0	9,449.7
February 1999	60,832.1	4,611.6	7,747.1	73,190.8	7,243.5	724.1	1,679.0	9,646.7
March 1998	63,755.7	3,361.0	7,810.4	74,927.0	7,196.0	670.6	1,658.4	9,525.0
Illinois								
March 1999	4,315.5	—	4,622.8	8,938.2	407.4	—	NA	NA
February 1999	4,481.9	—	4,512.4	8,994.4	439.1	—	NA	1,601.8
March 1998	4,331.2	—	4,572.0	8,903.1	512.8	—	1,161.3	1,674.1
Indiana								
March 1999	5,569.6	—	882.8	6,452.4	735.1	—	145.2	880.2
February 1999	5,364.4	—	853.9	6,218.2	764.7	—	148.0	912.7
March 1998	5,260.4	—	708.9	5,969.3	749.6	—	128.3	877.9
Iowa								
March 1999	3,080.4	—	—	3,080.4	388.0	—	—	388.0
February 1999	3,071.5	—	—	3,071.5	343.1	—	—	343.1
March 1998	3,098.5	—	—	3,098.5	299.5	—	—	299.5
Kansas								
March 1999	3,367.3	—	—	3,367.3	165.0	—	—	165.0
February 1999	3,281.7	—	—	3,281.7	173.3	—	—	173.3
March 1998	3,488.5	—	—	3,488.5	150.7	—	—	150.7
Kentucky								
March 1999	3,123.2	—	979.5	4,102.7	414.8	—	197.3	612.1
February 1999	2,987.3	—	958.8	3,946.1	431.0	—	200.7	631.6
March 1998	3,123.5	—	911.4	4,034.9	414.7	—	173.5	588.2
Michigan								
March 1999	9,670.8	—	—	9,670.8	995.9	—	—	995.9
February 1999	9,402.5	—	—	9,402.5	1,072.6	—	—	1,072.6
March 1998	9,781.7	—	—	9,781.7	1,021.5	—	—	1,021.5
Minnesota								
March 1999	—	4,641.6	—	4,641.6	—	882.0	—	882.0
February 1999	—	4,611.6	—	4,611.6	—	724.1	—	724.1
March 1998	1,070.5	3,361.0	—	4,431.5	23.3	670.6	—	693.9
Missouri								
March 1999	6,013.1	—	—	6,013.1	497.0	—	—	497.0
February 1999	5,803.5	—	—	5,803.5	514.9	—	—	514.9
March 1998	5,902.3	—	—	5,902.3	481.9	—	—	481.9

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
Subdistrict IC								
March 1999	13,089.4	—	1,431.6	14,521.0	57,441.4	—	5,546.6	62,988.0
February 1999	12,819.4	—	1,459.0	14,278.5	55,311.1	—	5,469.6	60,780.7
March 1998	11,759.5	—	1,361.3	13,120.7	55,082.3	—	5,570.4	60,652.6
Florida								
March 1999	5,461.5	—	—	5,461.5	21,597.2	—	—	21,597.2
February 1999	5,386.4	—	—	5,386.4	20,975.0	—	—	20,975.0
March 1998	5,017.1	—	—	5,017.1	20,813.4	—	—	20,813.4
Georgia								
March 1999	2,698.8	—	—	2,698.8	12,343.3	—	—	12,343.3
February 1999	2,660.4	—	—	2,660.4	11,997.8	—	—	11,997.8
March 1998	2,466.1	—	—	2,466.1	12,158.2	—	—	12,158.2
North Carolina								
March 1999	2,506.0	—	—	2,506.0	11,406.1	—	—	11,406.1
February 1999	2,417.1	—	—	2,417.1	10,808.6	—	—	10,808.6
March 1998	2,191.9	—	—	2,191.9	10,784.5	—	—	10,784.5
South Carolina								
March 1999	1,209.6	—	—	1,209.6	5,877.6	—	—	5,877.6
February 1999	1,175.5	—	—	1,175.5	5,587.1	—	—	5,587.1
March 1998	1,056.3	—	—	1,056.3	5,591.2	—	—	5,591.2
Virginia								
March 1999	950.7	—	1,431.6	2,382.3	4,515.3	—	5,546.6	10,061.9
February 1999	934.8	—	1,459.0	2,393.9	4,315.0	—	5,469.6	9,784.6
March 1998	824.8	—	1,361.3	2,186.0	4,288.6	—	5,570.4	9,859.0
West Virginia								
March 1999	262.8	—	—	262.8	1,702.0	—	—	1,702.0
February 1999	245.3	—	—	245.3	1,627.7	—	—	1,627.7
March 1998	203.4	—	—	203.4	1,446.4	—	—	1,446.4
PAD District II								
March 1999	11,081.7	535.5	2,174.7	13,791.9	80,818.6	6,059.2	11,782.6	98,660.4
February 1999	11,669.6	588.6	2,271.4	14,529.6	79,745.2	5,924.4	11,697.5	97,367.1
March 1998	10,716.2	352.3	2,082.3	13,150.7	81,667.9	4,383.8	11,551.0	97,602.7
Illinois								
March 1999	599.1	—	NA	2,083.2	5,321.9	—	7,249.0	12,570.9
February 1999	607.9	—	NA	2,154.1	5,528.9	—	7,221.4	12,750.3
March 1998	566.9	—	1,458.9	2,025.8	5,410.9	—	7,192.2	12,603.1
Indiana								
March 1999	1,117.5	—	238.9	1,356.3	7,422.1	—	1,266.8	8,688.9
February 1999	1,206.9	—	248.3	1,455.1	7,335.9	—	1,250.2	8,586.1
March 1998	1,034.7	—	185.7	1,220.4	7,044.6	—	1,022.9	8,067.6
Iowa								
March 1999	231.0	—	—	231.0	3,699.3	—	—	3,699.3
February 1999	234.1	—	—	234.1	3,648.8	—	—	3,648.8
March 1998	253.1	—	—	253.1	3,651.1	—	—	3,651.1
Kansas								
March 1999	403.5	—	—	403.5	3,935.8	—	—	3,935.8
February 1999	411.8	—	—	411.8	3,866.8	—	—	3,866.8
March 1998	377.8	—	—	377.8	4,017.1	—	—	4,017.1
Kentucky								
March 1999	816.1	—	236.5	1,052.5	4,354.1	—	1,413.2	5,767.4
February 1999	844.3	—	255.5	1,099.8	4,262.6	—	1,415.0	5,677.5
March 1998	775.9	—	210.6	986.5	4,314.1	—	1,295.5	5,609.5
Michigan								
March 1999	1,678.2	—	—	1,678.2	12,344.8	—	—	12,344.8
February 1999	1,799.9	—	—	1,799.9	12,275.0	—	—	12,275.0
March 1998	1,618.3	—	—	1,618.3	12,421.5	—	—	12,421.5
Minnesota								
March 1999	—	535.5	—	535.5	—	6,059.2	—	6,059.2
February 1999	—	588.6	—	588.6	—	5,924.4	—	5,924.4
March 1998	149.1	352.3	—	501.4	1,243.0	4,383.8	—	5,626.8
Missouri								
March 1999	932.9	—	—	932.9	7,442.9	—	—	7,442.9
February 1999	951.4	—	—	951.4	7,269.8	—	—	7,269.8
March 1998	846.4	—	—	846.4	7,230.6	—	—	7,230.6

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 ^a	Oxygenated	Reformulated	Total	Conventional	Oxygenated	Reformulated	Total
Nebraska								
March 1999	1,841.1	—	—	1,841.1	106.4	—	—	106.4
February 1999	1,692.0	—	—	1,692.0	104.6	—	—	104.6
March 1998	1,793.3	—	—	1,793.3	103.3	—	—	103.3
North Dakota								
March 1999	788.6	—	—	788.6	NA	—	—	NA
February 1999	710.0	—	—	710.0	NA	—	—	NA
March 1998	778.7	—	—	778.7	36.9	—	—	36.9
Ohio								
March 1999	10,226.2	—	—	10,226.2	1,605.4	—	—	1,605.4
February 1999	10,037.3	—	—	10,037.3	1,709.5	—	—	1,709.5
March 1998	10,463.6	—	—	10,463.6	1,720.8	—	—	1,720.8
Oklahoma								
March 1999	4,468.8	—	—	4,468.8	201.2	—	—	201.2
February 1999	4,234.5	—	—	4,234.5	218.1	—	—	218.1
March 1998	4,329.8	—	—	4,329.8	218.9	—	—	218.9
South Dakota								
March 1999	1,011.6	—	—	1,011.6	70.3	—	—	70.3
February 1999	853.5	—	—	853.5	61.7	—	—	61.7
March 1998	880.4	—	—	880.4	60.5	—	—	60.5
Tennessee								
March 1999	5,459.3	—	—	5,459.3	1,123.5	—	—	1,123.5
February 1999	5,227.9	—	—	5,227.9	1,177.2	—	—	1,177.2
March 1998	5,680.6	—	—	5,680.6	1,187.5	—	—	1,187.5
Wisconsin								
March 1999	3,885.7	—	1,470.9	5,356.6	168.0	—	167.4	335.3
February 1999	3,684.3	—	1,422.0	5,106.3	194.9	—	167.6	362.5
March 1998	3,772.7	—	1,618.1	5,390.8	213.8	—	195.3	409.2
PAD District III								
March 1999	30,503.2	586.5	8,520.8	39,610.6	4,065.8	45.7	1,750.9	5,862.5
February 1999	28,612.8	991.9	8,558.9	38,163.5	3,892.3	86.3	1,687.0	5,665.6
March 1998	27,941.7	694.7	8,235.4	36,871.8	4,101.8	66.7	1,673.7	5,842.2
Alabama								
March 1999	4,183.3	—	—	4,183.3	797.7	—	—	797.7
February 1999	4,000.8	—	—	4,000.8	763.0	—	—	763.0
March 1998	4,085.8	—	—	4,085.8	786.6	—	—	786.6
Arkansas								
March 1999	2,939.2	—	—	2,939.2	349.6	—	—	349.6
February 1999	2,830.7	—	—	2,830.7	337.1	—	—	337.1
March 1998	2,980.2	—	—	2,980.2	370.3	—	—	370.3
Louisiana								
March 1999	W	—	W	4,236.3	753.1	—	—	753.1
February 1999	W	—	W	3,946.0	730.7	—	—	730.7
March 1998	W	—	W	3,836.0	816.4	—	—	816.4
Mississippi								
March 1999	2,637.7	—	—	2,637.7	385.4	—	—	385.4
February 1999	2,758.0	—	—	2,758.0	390.2	—	—	390.2
March 1998	2,728.9	—	—	2,728.9	399.7	—	—	399.7
New Mexico								
March 1999	2,000.5	78.9	—	2,079.5	W	W	—	196.7
February 1999	W	W	—	1,980.3	131.8	53.8	—	185.6
March 1998	W	W	—	1,870.7	W	W	—	208.4
Texas								
March 1999	W	507.6	W	23,534.7	W	W	1,750.9	3,380.0
February 1999	13,565.0	W	W	22,647.8	1,539.4	32.5	1,687.0	3,259.0
March 1998	12,568.1	W	W	21,370.3	W	W	1,673.7	3,260.8
PAD District IV								
March 1999	8,341.7	338.0	—	8,679.8	1,496.6	80.7	—	1,577.4
February 1999	6,712.0	1,158.7	—	7,870.7	1,182.1	253.5	—	1,435.6
March 1998	7,969.9	365.4	—	8,335.3	1,389.8	75.8	—	1,465.6
Colorado								
March 1999	W	W	—	3,672.9	NA	80.7	—	873.8
February 1999	2,480.9	927.3	—	3,408.2	567.1	238.1	—	805.2
March 1998	3,211.5	347.7	—	3,559.2	W	W	—	752.7

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	Premium				All Grades			
	Conventional	Oxygenated	Reformulated	Total	Conventional	Oxygenated	Reformulated	Total
Nebraska								
March 1999	148.0	—	—	148.0	2,095.4	—	—	2,095.4
February 1999	152.8	—	—	152.8	1,949.4	—	—	1,949.4
March 1998	136.9	—	—	136.9	2,033.5	—	—	2,033.5
North Dakota								
March 1999	54.3	—	—	54.3	880.8	—	—	880.8
February 1999	56.6	—	—	56.6	805.5	—	—	805.5
March 1998	51.4	—	—	51.4	867.0	—	—	867.0
Ohio								
March 1999	1,755.6	—	—	1,755.6	13,587.2	—	—	13,587.2
February 1999	2,002.8	—	—	2,002.8	13,749.6	—	—	13,749.6
March 1998	1,815.4	—	—	1,815.4	13,999.9	—	—	13,999.9
Oklahoma								
March 1999	892.2	—	—	892.2	5,562.2	—	—	5,562.2
February 1999	871.9	—	—	871.9	5,324.5	—	—	5,324.5
March 1998	747.9	—	—	747.9	5,296.6	—	—	5,296.6
South Dakota								
March 1999	77.3	—	—	77.3	1,159.2	—	—	1,159.2
February 1999	72.6	—	—	72.6	987.7	—	—	987.7
March 1998	61.9	—	—	61.9	1,002.9	—	—	1,002.9
Tennessee								
March 1999	1,926.3	—	—	1,926.3	8,509.2	—	—	8,509.2
February 1999	1,950.9	—	—	1,950.9	8,355.9	—	—	8,355.9
March 1998	1,857.9	—	—	1,857.9	8,726.0	—	—	8,726.0
Wisconsin								
March 1999	449.9	—	215.2	665.2	4,503.6	—	1,853.5	6,357.1
February 1999	505.8	—	221.4	727.1	4,385.0	—	1,811.0	6,196.0
March 1998	422.6	—	227.0	649.6	4,409.2	—	2,040.4	6,449.6
PAD District III								
March 1999	7,332.3	92.7	2,615.7	10,040.8	41,901.4	725.0	12,887.5	55,513.9
February 1999	7,262.4	186.4	2,549.6	9,998.4	39,767.5	1,264.6	12,795.4	53,827.5
March 1998	6,488.9	99.4	2,242.2	8,830.5	38,532.4	860.8	12,151.3	51,544.5
Alabama								
March 1999	1,406.0	—	—	1,406.0	6,387.0	—	—	6,387.0
February 1999	1,382.4	—	—	1,382.4	6,146.3	—	—	6,146.3
March 1998	1,264.6	—	—	1,264.6	6,137.1	—	—	6,137.1
Arkansas								
March 1999	724.4	—	—	724.4	4,013.2	—	—	4,013.2
February 1999	707.3	—	—	707.3	3,875.1	—	—	3,875.1
March 1998	655.7	—	—	655.7	4,006.2	—	—	4,006.2
Louisiana								
March 1999	1,373.1	—	—	1,373.1	W	—	W	6,362.5
February 1999	1,384.0	—	—	1,384.0	W	—	W	6,060.7
March 1998	1,251.9	—	—	1,251.9	W	—	W	5,904.3
Mississippi								
March 1999	789.4	—	—	789.4	3,812.4	—	—	3,812.4
February 1999	831.6	—	—	831.6	3,979.8	—	—	3,979.8
March 1998	753.1	—	—	753.1	3,881.6	—	—	3,881.6
New Mexico								
March 1999	382.5	11.0	—	393.5	W	W	—	2,669.7
February 1999	275.2	98.9	—	374.1	W	W	—	2,540.0
March 1998	W	W	—	282.1	W	W	—	2,361.2
Texas								
March 1999	2,657.0	81.7	2,615.7	5,354.5	18,762.6	W	W	32,269.1
February 1999	2,681.9	87.5	2,549.6	5,318.9	17,786.3	W	W	31,225.7
March 1998	W	W	2,242.2	4,623.1	16,413.7	W	W	29,254.2
PAD District IV								
March 1999	2,091.1	74.2	—	2,165.3	11,929.5	493.0	—	12,422.5
February 1999	1,763.4	297.0	—	2,060.4	9,657.6	1,709.2	—	11,366.8
March 1998	1,729.5	66.5	—	1,796.0	11,089.2	507.7	—	11,596.9
Colorado								
March 1999	W	W	—	896.6	W	W	—	5,443.3
February 1999	642.6	231.8	—	874.5	3,690.6	1,397.3	—	5,087.9
March 1998	W	W	—	726.9	4,553.1	485.7	—	5,038.9

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	Regular				Midgrade			
	Conventional ^a	Oxygenated	Reformulated	Total	Conventional	Oxygenated	Reformulated	Total
Idaho								
March 1999	1,317.0	—	—	1,317.0	138.0	—	—	138.0
February 1999	1,126.5	—	—	1,126.5	127.2	—	—	127.2
March 1998	1,187.1	—	—	1,187.1	126.2	—	—	126.2
Montana								
March 1999	1,067.5	—	—	1,067.5	37.0	—	—	37.0
February 1999	867.4	52.2	—	919.6	51.6	—	—	51.6
March 1998	970.0	—	—	970.0	50.6	—	—	50.6
Utah								
March 1999	W	W	—	2,014.9	517.5	—	—	517.5
February 1999	1,700.3	179.2	—	1,879.5	425.6	15.3	—	440.9
March 1998	1,991.4	17.6	—	2,009.0	W	W	—	522.8
Wyoming								
March 1999	607.4	—	—	607.4	11.1	—	—	11.1
February 1999	536.9	—	—	536.9	10.6	—	—	10.6
March 1998	610.0	—	—	610.0	13.3	—	—	13.3
PAD District V								
March 1999	11,920.0	5,036.0	28,588.1	45,544.2	1,330.7	737.7	5,639.7	7,708.1
February 1999	9,386.2	6,552.1	27,864.9	43,803.2	1,119.1	893.6	5,589.8	7,602.6
March 1998	10,411.5	3,735.3	29,165.5	43,312.3	1,193.1	550.2	5,810.5	7,553.7
Alaska								
March 1999	W	W	—	614.1	W	W	—	NA
February 1999	420.3	151.9	—	572.3	W	W	—	30.7
March 1998	W	W	—	488.1	W	W	—	24.0
Arizona								
March 1999	NA	2,199.0	1,096.5	4,864.6	NA	W	W	627.2
February 1999	1,365.0	2,202.8	1,071.7	4,639.4	W	306.6	W	630.1
March 1998	1,121.9	1,056.1	2,223.2	4,401.2	W	137.7	W	552.8
California								
March 1999	NA	—	27,491.4	27,636.7	W	—	W	5,453.6
February 1999	NA	—	26,793.0	26,924.7	W	—	W	5,395.5
March 1998	W	—	W	27,046.8	W	—	W	5,478.8
Hawaii								
March 1999	642.1	—	—	642.1	127.2	—	—	127.2
February 1999	574.6	—	—	574.6	119.6	—	—	119.6
March 1998	594.4	—	—	594.4	125.8	—	—	125.8
Nevada								
March 1999	1,073.4	900.6	—	1,974.0	W	W	—	280.1
February 1999	968.4	899.1	—	1,867.5	W	W	—	289.3
March 1998	W	757.8	W	1,734.5	W	W	—	238.3
Oregon								
March 1999	W	W	0.2	3,625.5	W	W	—	309.2
February 1999	NA	1,446.2	NA	3,445.6	150.1	148.8	—	298.9
March 1998	2,917.2	W	W	3,462.5	W	W	—	288.6
Washington								
March 1999	4,705.3	1,481.8	—	6,187.1	694.2	185.3	—	879.5
February 1999	3,927.0	1,852.1	—	5,779.1	626.3	212.1	—	838.4
March 1998	W	W	—	5,584.9	647.3	198.2	—	845.5

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
Idaho								
March 1999	232.1	—	—	232.1	1,687.1	—	—	1,687.1
February 1999	199.5	—	—	199.5	1,453.2	—	—	1,453.2
March 1998	179.5	—	—	179.5	1,492.8	—	—	1,492.8
Montana								
March 1999	274.1	—	—	274.1	1,378.6	—	—	1,378.6
February 1999	228.4	11.4	—	239.8	1,147.5	63.6	—	1,211.1
March 1998	219.2	—	—	219.2	1,239.8	—	—	1,239.8
Utah								
March 1999	W	W	—	609.8	W	W	—	3,142.2
February 1999	553.1	53.8	—	606.9	2,679.0	248.3	—	2,927.3
March 1998	W	W	—	534.3	3,044.2	22.0	—	3,066.2
Wyoming								
March 1999	152.7	—	—	152.7	771.1	—	—	771.1
February 1999	139.8	—	—	139.8	687.3	—	—	687.3
March 1998	136.0	—	—	136.0	759.3	—	—	759.3
PAD District V								
March 1999	2,236.8	996.4	7,247.7	10,480.8	15,487.5	6,770.1	41,475.5	63,733.1
February 1999	1,844.1	1,296.9	7,428.6	10,569.7	12,349.5	8,742.6	40,883.3	61,975.4
March 1998	1,898.7	577.7	7,164.5	9,640.9	13,503.3	4,863.2	42,140.5	60,507.0
Alaska								
March 1999	W	W	—	86.7	W	W	—	732.2
February 1999	W	W	—	97.0	507.2	192.8	—	700.0
March 1998	82.2	13.3	—	95.5	573.7	33.9	—	607.6
Arizona								
March 1999	NA	W	W	898.0	NA	2,934.6	1,532.2	6,389.8
February 1999	W	477.1	W	915.5	1,667.9	2,986.5	1,530.5	6,185.0
March 1998	W	155.3	W	773.5	1,325.4	1,349.1	3,053.0	5,727.5
California								
March 1999	W	—	W	7,053.5	NA	—	39,943.2	40,143.8
February 1999	W	—	W	7,212.2	NA	—	39,352.6	39,532.5
March 1998	W	—	W	6,731.8	W	—	W	39,257.5
Hawaii								
March 1999	281.1	—	—	281.1	1,050.4	—	—	1,050.4
February 1999	260.6	—	—	260.6	954.9	—	—	954.9
March 1998	262.1	—	—	262.1	982.2	—	—	982.2
Nevada								
March 1999	W	W	—	439.3	1,315.9	1,377.4	—	2,693.4
February 1999	W	W	—	455.2	1,205.9	1,406.0	—	2,611.9
March 1998	136.0	W	W	345.3	1,185.3	W	W	2,318.1
Oregon								
March 1999	NA	50.5	—	NA	W	W	NA	4,411.5
February 1999	NA	207.5	—	NA	NA	1,802.5	NA	4,213.3
March 1998	W	44.3	W	441.3	W	639.6	W	4,192.4
Washington								
March 1999	1,025.2	NA	—	1,245.4	6,424.6	1,887.4	—	8,312.0
February 1999	869.8	NA	—	1,160.5	5,423.1	2,354.9	—	7,778.0
March 1998	W	W	—	991.4	W	W	—	7,421.7

Dash (—) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

^a Includes leaded gasoline 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
United States							
March 1999	748.5	428.2	60,970.5	44,777.9	10,692.8	21,692.3	32,385.1
February 1999	695.6	408.9	60,715.4	45,574.3	10,883.7	24,885.8	35,769.5
March 1998	713.1	413.9	59,576.1	41,933.4	9,541.4	22,005.0	31,546.4
PAD District I							
March 1999	202.8	W	15,573.6	9,757.1	8,378.7	11,730.4	20,109.1
February 1999	194.3	W	15,691.5	8,976.7	8,260.0	12,298.4	20,558.4
March 1998	211.6	W	15,184.8	7,898.3	7,423.6	9,929.9	17,353.5
Subdistrict IA							
March 1999	18.4	-	1,401.8	764.0	W	W	4,840.8
February 1999	18.5	-	1,319.9	818.5	1,391.4	2,843.7	4,235.1
March 1998	13.4	-	1,212.1	641.8	1,564.5	1,936.8	3,501.4
Connecticut							
March 1999	NA	-	NA	96.4	W	W	313.1
February 1999	2.9	-	NA	91.3	W	W	297.1
March 1998	2.2	-	234.1	94.5	101.3	732.5	833.8
Maine							
March 1999	1.8	-	68.1	89.9	W	W	1,339.3
February 1999	W	-	73.8	95.0	W	W	1,242.8
March 1998	W	-	106.4	82.6	599.2	407.2	1,006.4
Massachusetts							
March 1999	7.3	-	914.2	115.7	504.1	1,967.8	2,471.9
February 1999	7.3	-	824.6	126.4	315.1	1,549.6	1,864.8
March 1998	NA	-	721.8	111.5	725.1	435.5	1,160.6
New Hampshire							
March 1999	NA	-	72.2	251.1	W	W	494.7
February 1999	1.8	-	76.2	283.3	187.2	419.7	606.9
March 1998	1.5	-	45.9	200.5	W	W	311.7
Rhode Island							
March 1999	W	-	95.0	41.8	W	W	174.7
February 1999	4.4	-	91.6	42.3	W	W	174.8
March 1998	W	-	92.5	38.4	W	W	155.2
Vermont							
March 1999	W	-	12.6	168.9	W	W	47.1
February 1999	W	-	15.6	180.2	W	W	48.8
March 1998	NA	-	11.4	114.2	W	W	33.7
Subdistrict IB							
March 1999	42.5	W	7,198.4	3,194.6	5,597.4	3,894.5	9,491.9
February 1999	45.9	W	7,913.0	3,050.8	5,428.0	4,268.5	9,696.4
March 1998	74.1	W	7,120.8	2,571.6	4,855.0	4,123.6	8,978.6
Delaware							
March 1999	1.8	-	8.0	341.4	W	183.7	W
February 1999	0.9	-	8.2	255.8	W	NA	W
March 1998	1.4	-	W	240.9	W	W	297.7
District of Columbia							
March 1999	-	-	-	W	W	-	W
February 1999	-	-	-	W	W	-	W
March 1998	-	-	W	-	W	-	W
Maryland							
March 1999	3.5	-	389.5	W	520.5	NA	1,055.1
February 1999	4.1	-	428.8	W	267.7	329.4	597.1
March 1998	5.0	-	381.9	172.4	W	50.2	W
New Jersey							
March 1999	NA	-	3,569.9	516.3	1,014.0	864.5	1,878.6
February 1999	NA	-	4,412.6	594.1	1,444.3	918.9	2,363.2
March 1998	50.3	-	3,840.1	482.3	837.4	1,109.3	1,946.6
New York							
March 1999	6.3	-	1,549.6	1,000.9	3,024.9	1,384.0	4,408.8
February 1999	7.3	-	NA	959.5	3,215.2	1,758.0	4,973.2
March 1998	NA	-	1,283.5	764.7	3,162.5	1,676.1	4,838.6
Pennsylvania							
March 1999	12.6	W	1,681.4	1,093.6	589.3	927.7	1,517.0
February 1999	14.1	W	1,575.9	1,048.0	376.5	1,119.5	1,496.0
March 1998	10.5	W	1,570.4	911.4	W	W	1,410.2

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	
Subdistrict IC								
March 1999	141.9	W	6,973.4	5,798.5	W	W	5,776.4	
February 1999	129.8	W	6,458.6	5,107.5	1,440.6	5,186.3	6,626.9	
March 1998	124.1	W	6,851.9	4,684.9	1,004.0	3,869.5	4,873.5	
Florida								
March 1999	82.1	—	3,439.8	1,134.1	W	W	4,125.3	
February 1999	77.3	—	3,138.1	1,004.5	W	W	4,848.6	
March 1998	67.8	—	3,550.6	990.1	805.4	1,932.0	2,737.4	
Georgia								
March 1999	22.1	W	1,607.4	1,052.6	—	233.1	233.1	
February 1999	18.3	W	1,494.4	990.4	—	164.6	164.6	
March 1998	20.6	W	1,399.0	953.0	—	283.1	283.1	
North Carolina								
March 1999	19.8	—	714.9	1,819.0	W	W	706.7	
February 1999	17.8	—	643.9	1,458.1	W	W	776.4	
March 1998	19.1	—	632.0	1,345.8	W	W	781.3	
South Carolina								
March 1999	8.3	—	148.8	722.5	W	W	W	
February 1999	6.6	—	138.3	697.1	W	W	W	
March 1998	8.0	—	149.2	728.9	W	W	W	
Virginia								
March 1999	6.9	—	1,045.5	909.9	22.5	503.1	525.6	
February 1999	7.8	—	1,027.8	772.3	19.4	578.7	598.1	
March 1998	6.0	—	1,103.8	537.4	W	W	664.5	
West Virginia								
March 1999	2.8	—	16.9	160.4	W	—	W	
February 1999	2.0	—	16.1	185.0	W	—	W	
March 1998	2.6	—	17.4	129.7	W	W	W	
PAD District II								
March 1999	209.2	—	11,252.8	15,137.1	W	W	652.1	
February 1999	184.4	W	10,960.0	15,618.7	W	W	481.4	
March 1998	180.5	W	9,835.0	13,548.7	W	W	579.4	
Illinois								
March 1999	10.3	—	1,668.2	1,560.8	W	W	92.4	
February 1999	W	—	NA	1,752.2	—	W	W	
March 1998	W	—	1,135.3	1,545.2	W	W	137.8	
Indiana								
March 1999	10.5	—	NA	1,029.5	W	W	W	
February 1999	9.0	—	NA	1,140.6	W	—	W	
March 1998	NA	—	1,158.6	870.9	W	W	W	
Iowa								
March 1999	11.8	—	127.2	993.3	—	W	W	
February 1999	8.8	—	124.2	1,167.4	—	W	W	
March 1998	11.9	—	118.0	1,157.7	—	—	—	
Kansas								
March 1999	10.7	—	194.1	1,747.0	—	W	W	
February 1999	10.6	—	202.7	1,691.2	—	W	W	
March 1998	NA	—	169.2	1,426.2	—	W	W	
Kentucky								
March 1999	3.6	—	736.6	733.1	W	—	W	
February 1999	2.5	W	711.1	671.1	W	—	W	
March 1998	2.5	—	452.1	690.9	W	W	W	
Michigan								
March 1999	NA	—	813.2	1,970.1	—	W	W	
February 1999	28.3	—	929.8	1,910.0	—	46.0	46.0	
March 1998	28.3	—	1,128.0	1,496.2	—	W	W	
Minnesota								
March 1999	W	—	1,259.2	1,274.3	W	W	126.9	
February 1999	W	—	1,136.4	1,482.2	W	W	155.3	
March 1998	W	—	1,142.2	1,061.2	W	W	142.4	
Missouri								
March 1999	10.3	—	NA	1,481.0	—	—	—	
February 1999	12.3	—	NA	1,684.1	—	—	—	
March 1998	NA	—	1,286.4	1,324.7	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
Nebraska							
March 1999	W	—	109.9	386.8	—	—	—
February 1999	W	—	108.4	434.1	—	—	—
March 1998	W	—	110.6	449.5	—	W	W
North Dakota							
March 1999	NA	—	NA	221.9	—	—	—
February 1999	W	—	NA	266.4	—	—	—
March 1998	3.4	—	20.8	245.4	—	—	—
Ohio							
March 1999	34.5	—	1,718.7	1,517.2	W	W	113.0
February 1999	30.1	—	1,605.2	1,051.5	W	W	34.4
March 1998	33.6	W	1,332.1	1,131.7	W	W	46.7
Oklahoma							
March 1999	10.6	—	682.8	528.5	—	—	—
February 1999	9.8	—	759.0	586.8	—	W	W
March 1998	10.1	—	495.7	627.8	—	—	—
South Dakota							
March 1999	W	—	70.6	203.2	—	W	W
February 1999	W	—	95.9	248.3	—	W	W
March 1998	NA	—	60.9	235.7	—	W	W
Tennessee							
March 1999	21.6	—	1,141.4	448.2	W	W	7.9
February 1999	19.0	—	1,207.0	538.0	W	W	13.1
March 1998	15.2	—	1,013.1	353.9	W	W	17.1
Wisconsin							
March 1999	W	—	NA	1,042.2	—	W	W
February 1999	W	—	NA	994.8	—	W	W
March 1998	W	—	212.0	931.7	W	W	W
PAD District III							
March 1999	128.1	W	15,418.8	15,406.7	838.1	5,611.1	6,449.2
February 1999	139.6	W	16,189.8	16,252.7	1,122.9	8,390.6	9,513.4
March 1998	119.6	W	15,202.9	16,208.7	461.8	6,660.3	7,122.1
Alabama							
March 1999	9.4	W	NA	522.9	W	W	248.0
February 1999	7.9	W	NA	530.7	W	W	367.6
March 1998	8.0	W	184.0	440.9	W	W	96.8
Arkansas							
March 1999	10.5	—	198.1	531.0	—	—	—
February 1999	10.6	—	165.7	491.6	—	—	—
March 1998	NA	—	137.4	451.1	—	—	—
Louisiana							
March 1999	13.4	—	3,311.8	2,210.8	316.3	3,370.3	3,686.6
February 1999	14.1	—	3,175.5	1,817.8	W	W	4,981.0
March 1998	10.3	—	3,358.2	2,301.9	255.5	3,876.0	4,131.6
Mississippi							
March 1999	W	W	598.6	614.5	W	W	W
February 1999	6.9	W	967.0	710.5	W	W	W
March 1998	7.2	W	775.7	740.6	W	W	W
New Mexico							
March 1999	W	—	265.9	272.7	W	—	W
February 1999	9.7	—	269.9	327.3	W	—	W
March 1998	NA	—	NA	366.7	W	—	W
Texas							
March 1999	78.3	—	10,601.1	11,254.7	NA	1,979.3	2,134.3
February 1999	90.3	—	11,179.9	12,374.8	W	W	3,454.1
March 1998	72.0	—	10,578.7	11,907.4	184.4	2,669.5	2,853.8
PAD District IV							
March 1999	32.5	—	NA	1,197.1	W	W	35.2
February 1999	29.1	—	1,777.6	1,387.4	W	W	36.4
March 1998	27.3	NA	1,461.5	1,246.2	W	W	20.7
Colorado							
March 1999	14.5	—	NA	476.4	—	—	—
February 1999	14.4	—	931.2	564.8	—	—	—
March 1998	NA	—	659.4	485.5	—	—	—

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	
Idaho								
March 1999	W	-	88.7	87.4	-	W	W	
February 1999	W	-	74.0	103.4	-	W	W	
March 1998	2.0	-	73.3	75.7	-	NA	NA	
Montana								
March 1999	W	-	77.4	199.7	-	W	W	
February 1999	W	-	80.5	227.6	-	W	W	
March 1998	5.7	-	68.3	214.8	-	W	W	
Utah								
March 1999	5.6	-	651.3	111.2	W	-	W	
February 1999	6.1	-	682.3	147.3	W	-	W	
March 1998	4.7	NA	649.9	161.7	W	W	NA	
Wyoming								
March 1999	1.9	-	11.4	322.4	W	W	W	
February 1999	2.3	-	9.7	344.4	W	-	W	
March 1998	2.5	-	10.6	308.4	W	W	W	
PAD District V								
March 1999	176.0	17.6	17,013.7	3,280.1	1,305.3	3,834.2	5,139.5	
February 1999	148.3	W	16,096.5	3,338.9	1,443.8	3,736.0	5,179.8	
March 1998	174.1	15.6	17,891.8	3,031.5	1,462.3	5,008.4	6,470.7	
Alaska								
March 1999	38.5	W	1,977.8	W	-	-	-	
February 1999	28.8	W	1,919.1	W	-	-	-	
March 1998	32.5	W	1,925.5	W	-	-	-	
Arizona								
March 1999	17.7	-	935.3	210.9	W	-	W	
February 1999	17.3	-	945.6	237.7	W	-	W	
March 1998	15.2	-	784.6	291.3	W	-	W	
California								
March 1999	80.6	W	9,666.5	1,997.1	413.7	1,748.9	2,162.7	
February 1999	67.0	-	8,921.1	1,941.6	447.8	1,650.4	2,098.3	
March 1998	79.8	W	10,699.9	1,738.5	394.4	2,866.5	3,260.9	
Hawaii								
March 1999	W	-	1,037.6	W	W	W	W	
February 1999	W	-	1,080.6	W	W	W	W	
March 1998	W	-	1,049.2	W	W	W	W	
Nevada								
March 1999	W	-	764.1	190.3	W	-	W	
February 1999	8.9	-	687.8	270.5	W	-	W	
March 1998	W	-	806.4	205.6	W	-	W	
Oregon								
March 1999	10.9	-	589.9	174.7	W	W	225.5	
February 1999	W	-	559.6	169.3	W	W	266.1	
March 1998	11.1	-	574.6	154.4	W	W	399.4	
Washington								
March 1999	13.9	-	2,042.5	632.0	-	1,665.5	1,665.5	
February 1999	13.5	-	1,982.9	618.9	-	1,590.4	1,590.4	
March 1998	23.2	-	2,051.6	544.0	W	W	1,551.4	

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*. 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. 2 Distillate	No. 4 Fuel ^a	Total Distillate and Kerosene
			No. 2 Fuel Oil	No. 2 Diesel Fuel					
				Low-Sulfur	High-Sulfur	Total			
United States									
March 1999	3,013.6	1,880.0	41,201.9	98,496.3	21,930.4	120,426.6	161,628.5	1,175.3	167,697.5
February 1999	3,762.5	3,299.0	42,831.4	89,981.5	20,532.6	110,514.1	153,345.5	1,330.4	161,737.4
March 1998	3,392.7	1,543.1	37,681.5	87,368.9	22,047.1	109,416.0	147,097.6	1,061.8	153,095.2
PAD District I									
March 1999	1,959.5	384.1	31,830.1	28,337.9	4,973.1	33,311.0	65,141.1	1,048.3	68,533.1
February 1999	2,466.9	459.1	34,406.5	26,503.2	4,717.8	31,220.9	65,627.4	1,149.8	69,703.3
March 1998	1,974.9	NA	27,959.9	24,996.1	5,467.0	30,463.1	58,423.0	938.2	61,488.2
Subdistrict IA									
March 1999	418.6	7.9	10,873.7	2,478.7	NA	3,053.9	13,927.7	312.8	14,667.0
February 1999	514.7	11.9	12,324.3	2,444.6	724.0	3,168.6	15,492.9	364.1	16,383.6
March 1998	365.4	11.0	9,275.8	2,298.5	931.5	3,230.0	12,505.8	228.6	13,110.9
Connecticut									
March 1999	94.0	W	2,536.9	570.8	219.0	789.8	3,326.7	W	3,478.4
February 1999	89.1	W	2,691.4	524.2	316.8	841.0	3,532.4	W	3,695.3
March 1998	76.9	5.1	2,207.5	W	W	767.3	2,974.8	62.0	3,118.8
Maine									
March 1999	138.3	W	1,474.4	492.0	15.5	507.5	1,981.9	W	2,138.7
February 1999	201.0	-	1,589.6	443.1	15.4	458.5	2,048.0	21.3	2,270.3
March 1998	137.9	W	1,512.3	443.7	20.3	464.0	1,976.3	W	2,132.6
Massachusetts									
March 1999	44.0	1.8	4,011.8	755.0	NA	1,046.3	5,058.1	187.9	5,291.8
February 1999	52.3	2.4	4,483.6	791.3	NA	1,136.2	5,619.8	226.0	5,900.5
March 1998	46.5	2.5	3,251.9	739.3	601.6	1,340.9	4,592.8	100.0	4,741.8
New Hampshire									
March 1999	93.8	W	1,191.3	270.9	NA	277.5	1,468.7	W	1,584.6
February 1999	122.3	0.9	1,307.0	286.7	NA	293.2	1,600.2	27.3	1,750.7
March 1998	79.6	W	921.9	267.2	25.5	292.7	1,214.7	W	1,317.7
Rhode Island									
March 1999	W	W	1,232.2	268.9	NA	301.2	1,533.4	17.8	1,560.8
February 1999	NA	W	1,719.2	276.3	NA	307.3	2,026.4	W	2,045.8
March 1998	W	W	1,130.5	W	W	282.0	1,412.4	14.2	1,439.8
Vermont									
March 1999	W	W	427.2	121.1	10.5	131.6	558.9	12.6	612.7
February 1999	39.2	W	533.5	123.0	9.5	132.5	666.0	W	721.0
March 1998	W	W	251.7	77.1	6.0	83.1	334.8	11.9	360.1
Subdistrict IB									
March 1999	914.1	273.8	16,613.1	9,495.5	1,023.1	10,518.5	27,131.6	713.3	29,032.8
February 1999	1,218.5	295.5	17,835.8	8,956.8	885.6	9,842.4	27,678.3	769.3	29,961.6
March 1998	844.6	NA	14,713.1	8,526.9	1,051.1	9,578.0	24,291.0	682.1	25,956.7
Delaware									
March 1999	22.0	W	NA	376.9	W	W	W	W	651.1
February 1999	25.8	W	NA	NA	NA	NA	NA	W	NA
March 1998	W	-	200.5	W	W	217.2	417.7	W	436.0
District of Columbia									
March 1999	-	-	135.7	18.9	W	W	W	W	162.9
February 1999	-	-	125.3	16.1	W	W	W	W	148.6
March 1998	W	-	109.7	W	W	25.6	135.4	W	140.6
Maryland									
March 1999	87.6	W	968.0	907.5	181.1	1,088.5	2,056.5	W	2,157.5
February 1999	97.6	W	924.5	833.3	W	W	W	W	2,037.6
March 1998	85.1	W	844.1	910.8	188.8	1,099.7	1,943.8	W	2,038.5
New Jersey									
March 1999	160.3	NA	5,033.9	2,794.6	538.2	3,332.8	8,366.6	104.0	8,672.7
February 1999	259.1	48.7	4,937.5	2,493.6	469.9	2,963.5	7,901.0	87.1	8,295.9
March 1998	131.1	40.9	4,450.8	2,383.4	423.8	2,807.1	7,257.9	103.6	7,533.5
New York									
March 1999	372.5	188.8	5,949.5	1,906.7	190.7	2,097.5	8,046.9	590.2	9,198.5
February 1999	445.4	188.3	6,604.9	1,739.9	146.9	1,886.9	8,491.8	663.8	9,789.2
March 1998	332.1	NA	5,465.3	1,719.9	111.7	1,831.6	7,296.9	547.4	8,265.5
Pennsylvania									
March 1999	271.6	W	4,281.5	3,490.9	104.5	3,595.4	7,876.9	W	8,190.1
February 1999	390.7	W	4,969.0	3,626.8	94.4	3,721.2	8,690.2	W	9,137.5
March 1998	278.3	W	3,642.7	3,276.9	319.8	3,596.6	7,239.4	W	7,542.7

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 ^a	Total Distillate and Kerosene	
			No. 2 Fuel Oil	No. 2 Diesel Fuel		No. 2 Distillate			
				Low-Sulfur	High-Sulfur				Total
Subdistrict IC									
March 1999	626.8	102.5	4,343.3	16,363.7	3,374.8	19,738.5	24,081.8	22.2	24,833.3
February 1999	733.7	151.7	4,246.4	15,101.8	3,108.1	18,209.9	22,456.3	16.4	23,358.1
March 1998	764.9	2.1	3,971.1	14,170.6	3,484.4	17,655.1	21,626.1	27.5	22,420.6
Florida									
March 1999	34.1	W	710.4	4,419.2	1,271.8	5,691.0	6,401.3	W	6,443.5
February 1999	47.4	W	628.8	4,200.4	1,184.3	5,384.6	6,013.5	W	6,067.9
March 1998	W	—	632.6	3,822.1	1,218.1	5,040.1	5,672.7	W	5,728.4
Georgia									
March 1999	W	W	503.0	3,986.6	561.6	4,548.3	5,051.3	—	5,090.2
February 1999	50.1	3.0	475.0	3,692.2	508.5	4,200.7	4,675.8	—	4,728.9
March 1998	W	W	507.3	3,566.9	589.3	4,156.2	4,663.5	—	4,718.3
North Carolina									
March 1999	196.9	W	992.8	3,020.1	663.2	3,683.3	4,676.1	W	4,908.2
February 1999	W	54.8	951.8	2,720.5	585.3	3,305.8	4,257.6	W	4,543.6
March 1998	264.0	W	856.6	2,482.8	719.4	3,202.2	4,058.8	W	4,326.9
South Carolina									
March 1999	131.7	W	300.9	1,652.5	265.8	1,918.3	2,219.1	W	2,354.8
February 1999	158.8	W	303.0	1,522.6	228.4	1,751.0	2,054.0	W	2,216.4
March 1998	151.7	W	354.0	1,445.6	212.1	1,657.7	2,011.7	W	2,164.4
Virginia									
March 1999	202.6	W	1,414.9	2,719.0	504.9	3,223.9	4,638.8	W	4,903.1
February 1999	220.9	66.8	1,426.1	2,437.6	491.5	2,929.1	4,355.2	10.0	4,652.9
March 1998	209.6	W	1,295.1	2,385.7	519.7	2,905.4	4,200.5	W	4,423.1
West Virginia									
March 1999	W	W	421.4	566.3	107.5	673.8	1,095.2	—	1,133.5
February 1999	W	W	461.7	528.5	110.1	638.6	1,100.3	—	1,148.5
March 1998	39.9	0.7	325.5	467.6	225.8	693.5	1,018.9	—	1,059.6
PAD District II									
March 1999	492.2	W	6,340.5	31,661.4	5,635.5	37,296.8	43,637.4	W	45,092.8
February 1999	603.0	W	6,352.9	27,734.7	5,193.6	32,928.3	39,281.3	W	41,819.3
March 1998	779.9	923.5	7,199.8	28,289.5	4,799.7	33,089.2	40,289.0	8.7	42,001.0
Illinois									
March 1999	21.8	130.8	1,031.0	3,005.5	580.2	3,585.7	4,616.6	—	4,769.3
February 1999	63.7	288.7	1,058.7	2,633.7	435.4	3,069.1	4,127.8	—	4,480.3
March 1998	43.9	124.5	1,328.7	2,596.6	299.5	2,896.1	4,224.8	—	4,393.2
Indiana									
March 1999	W	90.8	780.1	3,496.1	309.9	3,806.1	4,586.2	W	4,720.4
February 1999	43.6	179.4	710.0	3,370.1	266.9	3,637.0	4,347.1	—	4,570.1
March 1998	87.1	W	973.0	3,312.3	296.1	3,608.4	4,581.4	W	4,709.8
Iowa									
March 1999	1.3	50.2	226.3	1,939.0	92.8	2,031.7	2,258.0	—	2,309.5
February 1999	3.1	139.5	150.4	1,429.1	63.3	1,492.3	1,642.7	—	1,785.3
March 1998	3.6	79.6	166.5	1,718.4	72.7	1,791.1	1,957.6	—	2,040.8
Kansas									
March 1999	1.5	47.0	74.6	1,655.2	167.9	1,823.1	1,897.7	—	1,946.2
February 1999	2.3	131.4	61.0	1,358.1	255.8	1,613.9	1,674.9	—	1,808.6
March 1998	4.1	64.1	W	1,502.4	W	W	1,804.8	—	1,873.0
Kentucky									
March 1999	69.6	W	688.4	1,872.6	386.1	2,258.7	2,947.1	W	3,049.3
February 1999	76.0	W	759.7	1,719.8	384.6	2,104.4	2,864.1	W	2,986.0
March 1998	98.9	W	562.3	1,544.1	616.5	2,160.6	2,722.9	W	2,832.3
Michigan									
March 1999	NA	90.1	595.4	2,432.5	378.2	2,810.7	3,406.0	—	3,564.8
February 1999	75.8	143.6	534.1	2,235.4	409.7	2,645.1	3,179.2	—	3,398.5
March 1998	90.7	76.1	690.7	2,137.3	328.2	2,465.5	3,156.1	—	3,323.0
Minnesota									
March 1999	W	147.6	459.7	1,457.1	298.7	1,755.8	2,215.5	W	2,474.9
February 1999	W	309.1	523.1	1,061.0	226.3	1,287.3	1,810.4	W	2,239.9
March 1998	W	147.4	457.2	1,181.1	262.7	1,443.8	1,901.0	W	2,204.1
Missouri									
March 1999	6.3	38.4	131.1	2,644.5	211.6	2,856.1	2,987.2	—	3,031.8
February 1999	6.8	62.5	111.3	2,343.8	199.7	2,543.4	2,654.8	—	2,724.0
March 1998	12.3	33.7	134.7	2,384.0	182.5	2,566.5	2,701.2	—	2,747.3

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 ^a	Total Distillate and Kerosene
			No. 2 Fuel Oil	No. 2 Diesel Fuel			No. 2 Distillate		
				Low-Sulfur	High-Sulfur	Total			
Nebraska									
March 1999	0.3	34.2	87.3	1,169.4	546.1	1,715.5	1,802.8	—	1,837.4
February 1999	0.8	91.6	38.5	W	W	1,206.5	1,245.0	—	1,337.3
March 1998	NA	71.4	50.7	890.0	649.3	1,539.3	1,590.1	—	1,662.0
North Dakota									
March 1999	—	28.1	W	574.7	W	W	821.0	—	849.1
February 1999	W	W	NA	W	W	473.0	670.9	—	740.9
March 1998	W	W	244.9	535.3	66.4	601.6	846.5	—	906.0
Ohio									
March 1999	95.0	W	1,142.7	3,537.3	733.8	4,271.1	5,413.7	W	5,590.7
February 1999	105.3	W	1,152.4	3,597.4	664.4	4,261.9	5,414.3	W	5,630.3
March 1998	154.6	W	1,156.9	3,563.0	781.4	4,344.4	5,501.3	W	5,688.0
Oklahoma									
March 1999	NA	4.2	131.8	2,188.6	735.7	2,924.3	3,056.2	—	3,064.8
February 1999	4.7	6.0	220.3	1,891.5	849.8	2,741.3	2,961.5	—	2,972.3
March 1998	9.6	4.9	323.7	2,130.3	285.1	2,415.4	2,739.1	—	2,753.6
South Dakota									
March 1999	—	23.8	W	700.5	W	W	741.7	—	765.5
February 1999	—	71.5	NA	479.0	7.1	486.1	508.8	—	580.3
March 1998	—	60.4	W	534.5	W	W	576.0	—	636.4
Tennessee									
March 1999	83.3	17.9	229.0	3,104.1	840.5	3,944.5	4,173.5	—	4,274.7
February 1999	102.0	19.6	240.0	2,829.1	663.9	3,493.0	3,733.0	—	3,854.7
March 1998	113.7	W	338.2	2,371.8	488.6	2,860.4	3,198.6	W	3,314.7
Wisconsin									
March 1999	W	124.9	557.7	1,884.2	272.0	2,156.2	2,713.8	W	2,844.4
February 1999	W	256.8	572.7	1,616.8	257.3	1,874.1	2,446.8	W	2,710.9
March 1998	W	122.3	664.5	1,888.4	234.7	2,123.0	2,787.5	W	2,916.8
PAD District III									
March 1999	486.9	W	2,593.6	16,914.7	6,693.7	23,608.5	26,202.1	W	26,721.3
February 1999	617.4	W	1,643.0	15,824.2	6,581.3	22,405.5	24,048.5	W	24,726.0
March 1998	574.9	5.5	1,901.6	14,712.1	7,460.3	22,172.5	24,074.1	—	24,654.5
Alabama									
March 1999	W	W	357.4	1,755.3	334.9	2,090.1	2,447.5	—	2,465.7
February 1999	W	W	380.8	1,679.5	266.9	1,946.4	2,327.2	—	2,346.6
March 1998	W	W	424.3	1,545.1	373.8	1,918.9	2,343.2	—	2,366.1
Arkansas									
March 1999	W	W	NA	1,690.5	613.4	2,303.9	2,369.2	—	2,371.9
February 1999	W	W	NA	1,568.6	526.1	2,094.7	2,157.1	—	2,189.1
March 1998	W	W	80.5	1,679.5	1,056.2	2,735.7	2,816.2	—	2,820.2
Louisiana									
March 1999	W	—	614.1	1,705.5	W	W	W	—	5,057.7
February 1999	W	—	321.8	1,552.4	W	W	W	—	4,656.0
March 1998	W	—	507.4	W	2,789.0	W	W	—	5,052.2
Mississippi									
March 1999	W	—	177.9	1,244.8	W	W	2,004.2	W	2,009.3
February 1999	W	—	173.4	1,180.0	W	W	W	—	1,783.7
March 1998	8.2	—	244.2	1,248.3	525.0	1,773.3	2,017.5	—	2,025.7
New Mexico									
March 1999	W	16.3	—	1,193.8	W	W	W	—	1,267.6
February 1999	2.0	33.1	—	1,195.3	77.2	1,272.5	1,272.5	—	1,307.6
March 1998	W	4.4	—	W	174.1	W	W	—	1,071.4
Texas									
March 1999	188.9	W	1,379.0	9,324.8	2,645.0	11,969.8	13,348.9	W	13,549.0
February 1999	276.5	W	704.6	8,648.5	2,794.5	11,443.0	12,147.6	W	12,443.0
March 1998	W	W	645.3	7,931.4	2,542.1	10,473.5	11,118.8	—	11,318.8
PAD District IV									
March 1999	NA	165.2	NA	5,204.1	940.4	6,144.5	6,228.9	—	6,396.9
February 1999	5.0	397.0	W	4,412.5	W	W	5,318.3	—	5,720.4
March 1998	8.3	194.5	W	4,343.8	W	W	5,247.7	—	5,450.5
Colorado									
March 1999	NA	53.5	NA	1,492.2	NA	1,736.4	1,745.0	—	1,800.1
February 1999	W	W	W	1,231.9	W	W	1,457.2	—	1,578.6
March 1998	6.2	54.6	W	1,158.8	W	W	1,346.8	—	1,407.5

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 ^a	Total Distillate and Kerosene	
			No. 2 Fuel Oil	No. 2 Diesel Fuel		No. 2 Distillate			
				Low-Sulfur	High-Sulfur				Total
Idaho									
March 1999	—	23.3	NA	695.9	270.3	966.2	967.8	—	991.1
February 1999	—	72.2	NA	634.5	190.3	824.8	826.5	—	898.8
March 1998	0.5	25.7	W	W	W	W	758.8	—	785.0
Montana									
March 1999	W	W	—	W	W	829.1	829.1	—	860.5
February 1999	W	W	—	W	W	636.2	636.2	—	705.0
March 1998	W	W	W	762.7	W	W	763.2	—	803.0
Utah									
March 1999	W	W	NA	1,156.0	158.5	1,314.5	1,388.6	—	1,409.6
February 1999	W	W	NA	1,040.0	133.7	1,173.6	1,251.3	—	1,314.6
March 1998	W	W	W	915.6	W	W	1,170.2	—	1,195.6
Wyoming									
March 1999	W	W	—	W	W	1,298.3	1,298.3	—	1,335.6
February 1999	W	W	—	W	W	1,147.1	1,147.1	—	1,223.4
March 1998	—	50.7	—	W	W	1,208.7	1,208.7	—	1,259.4
PAD District V									
March 1999	NA	358.6	353.2	16,378.1	3,687.7	20,065.8	20,419.0	103.7	20,953.5
February 1999	NA	459.5	W	15,506.9	W	W	19,070.1	168.6	19,768.4
March 1998	54.8	267.5	W	15,027.4	W	W	19,063.8	114.9	19,501.1
Alaska									
March 1999	W	293.4	W	W	409.4	W	774.2	W	1,154.6
February 1999	W	363.1	318.1	68.5	W	W	W	W	1,216.4
March 1998	W	226.1	W	24.5	383.1	407.6	906.6	W	1,232.0
Arizona									
March 1999	W	W	—	1,502.3	NA	1,683.0	1,683.0	—	1,692.8
February 1999	W	W	—	1,652.0	183.3	1,835.4	1,835.4	—	1,846.0
March 1998	W	W	—	1,520.4	246.5	1,766.9	1,766.9	—	1,777.3
California									
March 1999	NA	—	—	10,438.0	W	W	W	W	11,038.1
February 1999	NA	—	—	9,753.5	W	W	W	W	10,286.2
March 1998	29.9	W	—	9,348.3	293.9	9,642.2	9,642.2	W	9,679.0
Hawaii									
March 1999	—	—	—	100.7	428.5	529.2	529.2	—	529.2
February 1999	—	—	—	98.6	422.8	521.4	521.4	—	521.4
March 1998	—	—	—	86.6	W	W	W	—	W
Nevada									
March 1999	W	W	—	691.6	W	W	W	—	736.2
February 1999	W	W	—	703.9	44.3	748.2	748.2	—	749.6
March 1998	W	NA	—	683.7	66.7	750.5	750.5	—	W
Oregon									
March 1999	NA	W	—	1,472.3	790.9	2,263.2	2,263.2	W	2,310.0
February 1999	NA	W	—	1,368.5	679.5	2,048.0	2,048.0	W	2,105.8
March 1998	9.2	4.6	—	1,464.5	W	W	W	W	2,222.1
Washington									
March 1999	W	47.4	W	W	1,263.0	W	3,424.6	W	3,492.5
February 1999	W	68.1	W	1,861.9	W	W	2,958.4	W	3,043.1
March 1998	W	24.0	17.4	1,899.3	1,344.7	3,243.9	3,261.3	W	3,302.1

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.

^a 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 a description 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 address <http://www.eia.doe.gov>.

Once you are in the EIA Website, click on "Petroleum" and then scroll down and click on *Petroleum Marketing Monthly*. When you are in the *Petroleum Marketing*

Monthly directory, scroll down to the "previous" and click on "historical," then click on "January" and scroll down to Explanatory Notes PDF file at the end. Click on "Explanatory Notes" or go directly to the Explanatory Notes at http://www.eia.doe.gov/oil_gas/petroleum/pet_frame.html and click on "Explanatory Notes."

2) the January issue of the *Petroleum Marketing Monthly*.

3) the National Energy Information Center on (202) 586-8800 or infoctr@eia.doe.gov.

Table EN1. Federal and State Motor Fuel Taxes¹
(Cents per Gallon)

	Motor Gasoline	Diesel Fuel	Gasohol		Motor Gasoline	Diesel Fuel	Gasohol
Federal ²	18.40	24.40	13.00	Mississippi ⁴	18.40	18.40	18.40
Average State Tax . .	19.66	18.92	19.53	Missouri ⁴	17.00	17.00	17.00
				Montana ⁴	27.75	28.50	27.75
Alabama ⁴	18.00	19.00	18.00	Nebraska.	22.80	22.80	22.80
Alaska	8.00	8.00	8.00	Nevada ⁴	23.75	27.75	23.75
Arizona	18.00	18.00	18.00	New Hampshire . . .	19.60	19.60	19.60
Arkansas	18.60	18.60	18.60	New Jersey ³	10.50	13.50	10.50
California ^{3,4}	18.00	18.00	18.00	New Mexico.	18.50	19.50	18.50
Colorado.	22.00	20.50	22.00	New York ^{3,4}	22.05	21.30	22.05
Connecticut ³	36.00	18.00	35.00	North Carolina	21.20	21.20	21.20
Delaware	23.00	22.00	23.00	North Dakota	20.00	20.00	20.00
District of Columbia .	20.00	20.00	20.00	Ohio	22.00	22.00	22.00
Florida ⁴	13.10	13.10	13.10	Oklahoma	17.00	14.00	17.00
Georgia ^{3,4}	7.50	7.50	7.50	Oregon ⁴	24.00	24.00	24.00
Hawaii ^{3,4}	16.00	16.00	16.00	Pennsylvania	25.90	30.80	25.90
Idaho	25.00	25.00	22.50	Rhode Island	29.00	29.00	29.00
Illinois ^{3,4}	19.00	21.50	19.00	South Carolina ⁴	16.00	16.00	16.00
Indiana ³	15.00	16.00	15.00	South Dakota	21.00	21.00	19.00
Iowa ³	20.00	22.50	19.00	Tennessee	20.00	17.00	20.00
Kansas	18.00	20.00	18.00	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	19.00	16.00	19.00
Maine	19.00	20.00	19.00	Virginia ³	17.5	16.00	17.5
Maryland	23.50	24.25	23.50	Washington ⁴	23.00	23.00	23.00
Massachusetts.	21.00	21.00	21.00	West Virginia ³	20.50	20.50	20.50
Michigan ³	19.00	19.00	19.00	Wisconsin	25.40	25.40	25.40
Minnesota ³	20.00	20.00	15.00	Wyoming	9.00	9.00	9.00

¹ 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 effective January 1, 1999.

² The Federal tax on motor gasoline and diesel fuel increased to 18.4 and 24.4 cents, respectively, on October 1, 1997.

³ Additional State taxes are levied as follows: California: 7.25 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; Indiana: 5 percent sales tax; 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; West Virginia: Consumer and sales tax of 4.85 cents per gallon.

⁴ 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 11.8 cents to the gasoline State tax. For diesel fuel, add 12.0 cents to the 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
Crude Oil		
Refiner Acquisition Cost	1	—
Domestic First Purchases	1	—
from selected States	21	—
by API gravity	23	—
for selected crude streams	22	—
Imports		
F.O.B. Costs	1	—
from selected countries	24	—
by API gravity	26	—
for selected crude streams	29	—
Landed Costs	1	—
from selected countries	25	—
by API gravity	27	—
for selected crude streams	30	—
Percentage by Gravity Band	28	—
Motor Gasoline		
all sellers	31	—
refiners	2,4,6,35	3,5,7,43,44
prime suppliers	—	48
Conventional		
all sellers	32	—
refiners	8	9,44
prime suppliers	—	48
Oxygenated		
all sellers	33	—
refiners	10	11,44
prime suppliers	—	48
Reformulated		
all sellers	34	—
refiners	12	13,44
prime suppliers	—	48
Aviation Gasoline		
refiners	2,4,36	3,5,45
prime suppliers	—	49
Kerosene-Type Jet Fuel		
refiners	2,4,36	3,5,45
prime suppliers	—	49
Naphtha-Type Jet Fuel		
prime suppliers	—	49
Propane, Consumer Grade		
all sellers	14,38	—
refiners	2,4	3,5,45
prime suppliers	—	49

Product Guide

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

$$\text{Deg API} = \frac{141.5}{\text{sp gr}_{60\text{degF}} / 60\text{degF}} - 131.5$$

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): All special grades of gasoline for use in aviation reciprocating engines, as given in ASTM Specification D 910 and Military Specification MIL-G-5572. Excludes blending components which will be used in blending or compounding into 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/Institutional: Firms engaged in transportation, wholesale or retail trade, finance, insurance,

and real estate. Also included are apartment buildings/complexes and other multifamily dwellings, hotels and office buildings or complexes, local, State, or Federal facilities or organizations including the military, schools, hospitals, religious institutions, universities, and all other government-supported organizations.

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. It is used primarily for space heating, on- and off-highway diesel engine fuel (including railroad engine fuel and fuel for agricultural machinery), and electric power generation. Included are products known as No. 1, No. 2, and No. 4 fuel oils and No. 1, No. 2, and No. 4 diesel fuels.

1. **No. 1 Distillate:** A petroleum distillate which meets the specifications for No. 1 heating or fuel oil as defined in ASTM D 396 and/or the specifications for No. 1 diesel fuel as defined in ASTM Specification D 975, with distillation temperatures of 420 degrees Fahrenheit at the 10-percent recovery point and 550 degrees Fahrenheit at the 90-percent recovery point, and kinematic viscosities between 1.4 and 2.2 centistokes at 100 degrees Fahrenheit.

a. **No. 1 Diesel Fuel:** A volatile distillate fuel oil with a boiling range between 300-575 degrees Fahrenheit and used in high-speed diesel engines generally operated under wide variations in speed and load. Includes type C-B diesel fuel used for city buses and similar operations. Properties are defined in ASTM Specification D 975.

b. **No. 1 Fuel Oil:** A light distillate fuel oil intended for use in vaporizing pot-type burners. ASTM Specification D 396 specifies for this grade maximum distillation temperatures of 400 degrees Fahrenheit at the 10-percent recovery point and 550 degrees Fahrenheit at the 90-percent point, and kinematic viscosities between 1.4 and 2.2 centistokes at 100 degrees Fahrenheit.

2. **No. 2 Distillate:** A petroleum distillate which meets the specifications for No. 2 heating or fuel oil as defined in ASTM D 396 and/or the specifications for No. 2 diesel fuel as defined in ASTM Specification D 975.

a. **No. 2 Diesel Fuel:** A gas oil type distillate of lower volatility with distillation temperatures at the 90-percent point between 540-640 degrees Fahrenheit for use in high speed diesel engines generally operated under uniform speed and load conditions. Includes Type R-R diesel fuel used for railroad locomotive engines, and Type T-T for diesel-engine trucks. Properties are defined in ASTM Specification D 975.

- **Low Sulfur:** The sulfur level does not exceed 0.05 percent by weight.

- **High Sulfur:** The sulfur level is above 0.05 percent by weight.

b. **No. 2 Fuel Oil:** A distillate fuel oil for use in atomizing type burners for domestic heating or for moderate capacity commercial-industrial burner units. ASTM Specification D 396 specifies for this grade distillation temperatures at the 90-percent point between 540 and 640 degrees Fahrenheit, and kinematic viscosities between 2.0 and 3.6 centistokes at 100 degrees Fahrenheit.

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 fuel oil for commercial burner installations not equipped with preheating facilities. It is used extensively in industrial plants. This grade is a blend of distillate fuel oil and residual fuel oil stocks that conforms to ASTM Specification D 396 or Federal Specification VV-F-815C; its kinematic viscosity is between 5.8 and 26.4 centistokes at 100 degrees Fahrenheit. Also included is No. 4-D, a fuel oil for low- and medium-speed diesel engines that 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 and alcohol (generally ethanol but sometimes methanol) in which 10 percent or less of the product is alcohol. For the purposes of this publication, gasohol may be included in any of the types of gasoline, depending on how it was marketed.

Industrial: Firms engaged in mining, construction, or manufacturing.

Kerosene: A petroleum distillate that has a maximum distillation temperature of 401 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 the two grades designated in ASTM D3699: No. 1-K and No. 2-K, and all grades of kerosene called range or stove oil which have properties similar to No. 1 fuel oil, but with a gravity of about 43 degrees API and a maximum end-point of 625 degrees Fahrenheit. Kerosene is used in space heaters, cook stoves, and water heaters; it is suitable for use as an illuminant when burned in wick lamps.

Kerosene-Type Jet Fuel: A quality kerosene product with maximum distillation temperature of 400 degrees Fahrenheit at the 10-percent recovery point and a final maximum boiling point of 572 degrees Fahrenheit. The fuel is designated in ASTM Specification D 1655 and Military Specifications MIL-T-5624P and MIL-T-83133D (Grades JP-5 and JP-8). A relatively low freez-

ing point distillate of the kerosene type used primarily for commercial 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. Specifications for motor gasoline, as given in ASTM Specification D 439-88 or Federal Specification VV-G-1690B, include 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, oxygenated gasoline (EPA approved), and reformulated gasoline. Blendstock (including ethanol and MTBE) are excluded until blending has been completed.

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:** Gasoline formulated for use in motor vehicles that is intended for use in EPA approved carbon monoxide (CO) nonattainment State programs. Excludes reformulated gasoline, oxygenated fuels program reformulated gasoline (OPRG) and reformulated gasoline blendstock for oxygenate blending (RBOB).
3. **Reformulated Gasoline:** 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. Includes oxygenated fuels program reformulated gasoline (OPRG). Excludes reformulated gasoline blendstock for oxygenate blending (RBOB).

Within each of these three types of gasoline are the following three grades:

- a. **Regular Gasoline:** Gasoline having an anti-knock index $((R + M)/2)$ greater than or equal to 85 and less than 88.
- b. **Midgrade Gasoline:** Gasoline having an anti-knock index $((R + M)/2)$ greater than or equal to 88 and less than or equal to 90.
- c. **Premium Gasoline:** Gasoline having an anti-knock index $((R + M)/2)$ greater than 90.

NOTE: For this publication, 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 above may be 2 or more octane points lower.

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 and 20 to 90 percent distillation temperatures of 290 degrees to 470 degrees F., meeting Military Specification MIL-T-5624L (Grade JP-4). JP-4 is used for turbojet and turboprop aircraft engines, primarily by the military. Excludes ram-jet and petroleum rocket fuels.

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: Any substance which, when added to gasoline, increases the amount of oxygen in that gasoline blend.

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 com-

pounds. 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_3H_8), 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: Sales of No. 2 distillate and propane to individual customers or households (as opposed to businesses or institutions) who ostensibly use the fuel in a residence for space heating, cooking, etc. Sales to apartment buildings/complexes or to other multi-family dwellings are excluded from the "Residential Sales" category and are included in the "Commercial/Institutional Sales" category.

Residual Fuel Oils: The topped crude of refinery operations, which includes No. 5 and No. 6 fuel oils as defined in ASTM Specification D 396 and Federal Specification VV-F-815C, Navy Special fuel oil as defined in Military Specification MIL-F-859E including Amendment 2 (NATO Symbol F-77), and Bunker C fuel oil. Residual fuel oil 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.

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.

<i>Propane Market Assessment for Winter 1997-1997</i>	December 1997
<i>A Contrast Between Distillate Fuel Oil Markets in Autumn 1996 and 1997</i>	December 1997
<i>A Comparison of Selected EIA-782 Data With Other Data Sources</i>	November 1997
<i>Distillate Fuel Oil Assessment for Winter 1996-1997</i>	December 1996
<i>Propane Market Assessment for Winter 1996-1997</i>	December 1996
<i>Recent Distillate Fuel Oil Inventory Trends</i>	June 1996
<i>Recent Trends in Motor Gasoline Stock Levels</i>	June 1996
<i>Noncommercial Trading in the Energy Futures Market</i>	May 1996
<i>1995 Reformulated Gasoline Market Affected Refiners Differently</i>	January 1996
<i>Distillate Fuel Oil Assessment for Winter 1995-1996</i>	November 1995
<i>Propane Assessment for Winter 1995-1996</i>	November 1995
<i>Environmental Regulations and Changes in the Petroleum Refining Operations</i>	September 1995
<i>What Drives Motor Gasoline Prices?</i>	June 1995
<i>1995 Motor Gasoline Assessment</i>	May 1995
<i>Results of the Office of Oil and Gas "Outlook Survey"</i>	March 1995
<i>Distillate Fuel Oil Assessment for Winter 1994-1995</i>	November 1994
<i>Propane Assessment for Winter 1994-1995</i>	November 1994
<i>Sales of Fuel Oil and Kerosene in 1993</i>	November 1994
<i>Impact of New Low-Sulfur Diesel Requirements, October through December 1993</i>	November 1994
<i>Reformulated Gasoline Supply Issues</i>	November 1994

<i>A Comparison of Selected EIA-782 Data With Other Data Sources</i>	October 1994
<i>Demand, Supply, and Price Outlook for Reformulated Motor Gasoline 1995</i>	August 1994
<i>The Second Oxygenated Gasoline Season</i>	June 1994
<i>Changes to the 1994 Petroleum Marketing Monthly</i>	May 1994
<i>Summer 1994 Motor Gasoline Outlook</i>	May 1994
<i>Sales of Fuel Oil and Kerosene in 1992</i>	December 1993
<i>Low-Sulfur Diesel: Requirements and Impacts</i>	December 1993
<i>Distillate Fuel Oil Outlook for Winter 1993-94</i>	November 1993
<i>Propane Outlook for Winter 1993-1994</i>	November 1993
<i>A Comparison of Selected EIA-782 Data with Other Data Sources</i>	August 1993
<i>The Economics of the Clean Air Act Amendments of 1990: Review of the 1992-1993 Oxygenated Motor Gasoline Season</i>	August 1993
<i>Changes to Form EIA-782C "Monthly Report of Petroleum Products Sold into States for Consumption"</i>	May 1993
<i>Summer 1993 Motor Gasoline Outlook</i>	May 1993
<i>Economics of Energy Futures Markets</i>	September 1991
<i>Economics of Gasoline Pool Octane Growth</i>	March 1990
<i>A Comparison of Selected EIA-782 Data with Other Data Sources</i>	August 1989
<i>The Introduction of Unleaded Midgrade Gasoline</i>	April 1989
<i>A Review of Valdez Oil Spill Market Impacts</i>	March 1989
<i>California Crude Oil Price Levels</i>	April 1987
<i>Determining Minimum Acceptable Bid Prices for the Test Sale of Strategic Petroleum Reserve Crude Oil</i>	August 1986
<i>Commercial/Industrial Sales of Residual Fuel Oil</i>	December 1985
<i>Crude Oil High-Seas Stocks</i>	August 1985
<i>Foreign Crude Oil Prices: The Differential Dilemma</i>	May 1985
<i>A Short-Term Analysis of the Effects of Concentration on Price in the Gasoline Market</i>	April 1985

<i>Petroleum Marketing Monthly Initiates Crude Oil Data Series</i>	February 1985
<i>Estimated Historic Time Series for the EIA-782</i>	December 1983[3]
<i>No. 2 Distillate Price and Sales Reflect a Period of Adjustment to Changing Market Conditions</i>	November 1983
<i>The Consolidation of Petroleum Marketing Surveys</i>	April 1983