

Petroleum Marketing Monthly

January 2000

With Data for October 1999

Energy Information Administration

Office of Oil and Gas

U.S. Department of Energy

Washington, DC 20585

This report is available on the WEB at:

http://www.eia.doe.gov/oil_gas/petroleum/data_publications/petroleum_marketing_monthly/pmm.html

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Preface

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

Scope of Data

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

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

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

Sections

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

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

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

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

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

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

Notes on the Tables

- For the crude oil statistics referencing Form EIA-182, United States includes the 50 States, the outer continental shelf, and the District of Columbia. For crude oil statistics referencing either Form EIA-14 or Form EIA-856, United States includes the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, and all American territories and possessions. For the petroleum products data, United States includes the 50 States and the District of Columbia.
- Prices exclude taxes. Refer to the Explanatory Notes for a tax table on motor fuels.
- Some of the tables use State abbreviations. Refer to the Explanatory Notes for a table of U.S. Postal State abbreviations.
- Sales of leaded gasoline are a component of averages and totals prior to October 1993.
- References to “Refiners” include gas plant operators (see the Glossary for definition of “Gas Plant Operators”). All tables whose titles do not specifically reference “Refiners” contain data from all sellers. “All Sellers” includes refiners, gas plant operators, resellers, and retailers.
- “Prime Supplier” refers to a firm that produces, imports, or transports any of the selected petroleum products across State boundaries and local marketing areas and sells the product to local distributors, local retailers, or end users.
- The category “Retail Outlet” refers to any company-operated outlet selling gasoline, on-highway low-sulfur diesel fuel, or propane for on-highway vehicle use (see Glossary).
- No. 2 distillate volumes and prices are classified in accordance with what the product was sold as, regardless of the actual specifications of that product (see definitions of No. 2 distillate in the Glossary).

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Highlights

In a reversal of the trend toward much higher values seen during recent months, world crude oil prices fell during October. The sharp declines at the beginning of the month were driven primarily by technical factors associated with investments in commodities markets that trickled downstream to cash markets. Foremost among them was the reaction to preliminary reports indicating higher wellhead output rates for countries taking part in Organization of Petroleum Exporting Countries (OPEC)-sponsored production cut agreements. Up to this point, the cutbacks played a central role behind many key crude oil streams' prices more than doubling since February. The output reductions helped alleviate the glut of the product in international markets. The surplus was largely caused by two consecutive mild winters in the Northern Hemisphere, enervated demand from Asian markets, and the return of Iraqi crude oil exports. With the possibility of more product reaching the market, the opportunity to make appreciable gains on holdings appeared less likely to investors. A call early in the month for sales from the U.S. Strategic Petroleum Reserve exacerbated the effects of the production output reports. However, beyond consideration of the request, U.S. officials took no action. Additionally, the United Nations Security Council passed resolution 1266 on October 4, granting Iraq permission to sell an additional \$3 billion of crude oil to make up for the shortfall of revenue allowed under resolutions 1210 and 1153. Despite a moderate mid-month rally resulting from a number of fundamental factors, prices again turned downwards during the last days of October. Fundamental factors caused the decrease that not only affected markets outright, but influenced market technical trends. These factors in-

cluded reports of rising crude oil stock levels in the U.S., decreasing demand due to declining refining margins in both the United States and Europe, and circulation of predictions that crude oil output from both OPEC and non-OPEC sources would increase during the final quarter of 1999.

Crude oil price trends affected prices for finished products in the United States to varying degrees throughout October. The influence was particularly assertive during the initial days of the month as concern over OPEC's wellhead production gripped the market. All of the major products experienced significant losses during that period, but gasoline prices sustained the largest declines, due in part to weekly stocks reports that showed an increase gasoline inventories. By mid-month, prices had regained some lost ground as a combination of problems to refineries and transporta-

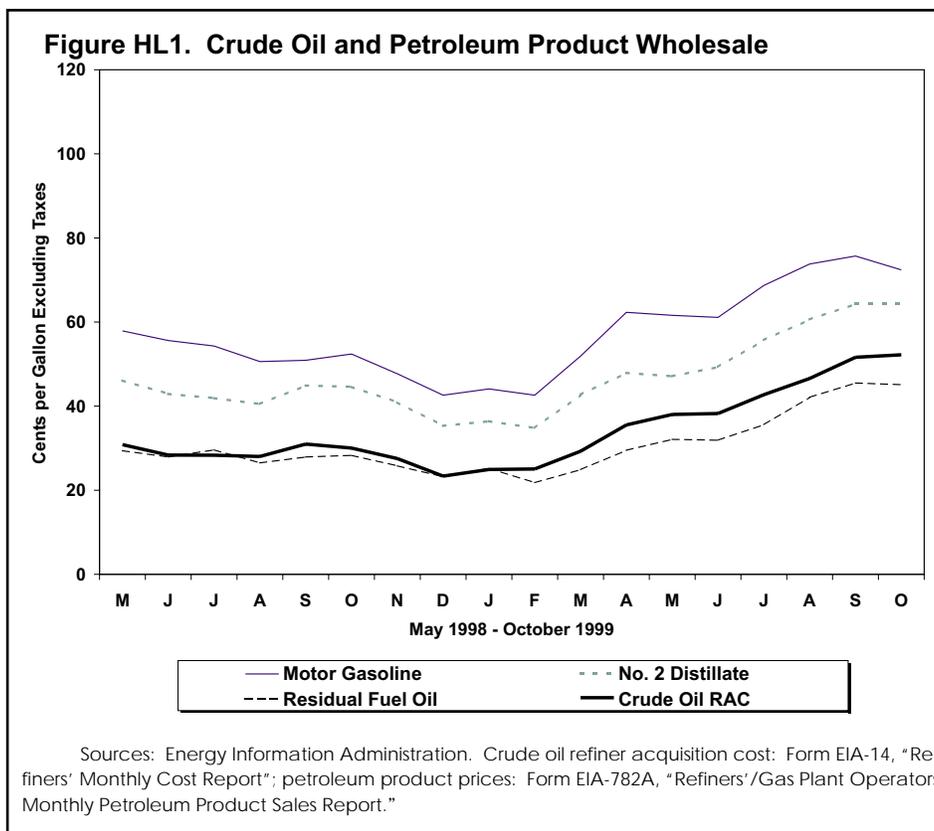


Table HL1. U.S. Refiner Prices and Volumes of Petroleum Products

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

Products	Sales to End Users						Sales for Resale					
	October 1999		September 1999		October 1998		October 1999		September 1999		October 1998	
	Price	Volume	Price	Volume	Price	Volume	Price	Volume	Price	Volume	Price	Volume
Motor Gasoline	87.2	60.6	88.8	59.6	66.4	65.1	72.4	308.7	75.7	306.2	52.4	298.7
Conventional	84.8	35.8	86.2	35.7	64.1	40.5	68.8	199.8	73.0	203.6	49.5	198.5
Regular	80.8	25.5	82.4	25.5	59.9	27.9	66.9	155.4	71.1	157.5	47.3	150.3
Midgrade	91.4	5.6	92.6	5.6	69.4	6.6	73.2	14.7	77.2	15.1	53.6	16.1
Premium	98.7	4.6	99.2	4.7	77.3	6.0	76.8	29.7	80.9	31.0	58.1	32.0
Oxygenated	91.2	2.4	95.6	1.9	72.6	2.1	80.9	10.1	83.7	7.2	58.2	9.3
Regular	88.5	1.9	93.5	1.6	69.5	1.6	79.4	7.6	82.8	5.5	56.1	6.7
Midgrade	98.2	0.3	101.5	0.2	78.6	0.3	79.2	1.2	81.9	1.0	59.7	1.2
Premium	107.6	0.2	110.5	0.1	87.5	0.2	91.9	1.2	93.0	0.8	67.3	1.3
Reformulated	90.7	22.3	92.4	21.9	70.0	22.5	78.6	98.8	80.9	95.4	58.1	91.0
Regular	86.3	15.3	88.2	15.1	64.9	14.6	75.2	69.3	77.5	66.7	54.4	59.7
Midgrade	96.3	3.6	97.8	3.6	75.3	3.9	84.0	9.9	85.6	10.0	62.5	10.6
Premium	104.7	3.4	106.2	3.3	83.4	4.0	88.1	19.6	90.5	18.8	66.7	20.7
Aviation Gasoline	118.4	0.1	117.7	0.1	95.1	0.2	109.8	0.7	111.9	0.9	90.7	0.7
Kerosene-Type Jet Fuel	64.4	48.1	63.7	49.0	46.9	50.6	63.5	16.0	62.5	16.6	45.9	13.2
Propane (Consumer Grade)	55.6	2.8	48.4	3.9	40.7	2.7	43.7	34.8	41.5	32.7	27.6	37.7
Kerosene	75.7	0.1	68.0	0.2	50.9	0.3	64.8	2.4	65.9	1.3	46.6	2.2
No. 1 Distillate	77.3	0.2	74.4	0.2	57.8	0.4	74.9	1.8	73.6	1.1	53.7	1.4
No. 2 Distillate	67.5	25.1	66.9	24.4	49.7	25.4	64.3	127.5	64.3	125.9	44.6	123.0
No. 2 Fuel Oil	66.0	2.9	64.4	2.7	47.9	3.2	61.2	25.3	60.9	20.2	41.2	25.8
No. 2 Diesel Fuel	67.6	22.2	67.2	21.7	50.0	22.2	65.1	102.3	65.0	105.6	45.5	97.2
Low Sulfur	69.4	14.8	68.7	14.8	51.4	15.3	65.6	89.1	65.4	91.7	45.9	83.9
High Sulfur	64.1	7.4	63.9	6.9	46.9	6.8	62.0	13.1	62.0	13.9	43.4	13.3
No. 4 Fuel^a	56.2	0.2	54.4	0.2	43.1	0.2	52.3	0.2	51.9	0.1	35.3	0.1
Residual Fuel Oil	47.8	13.0	48.3	11.3	29.7	14.1	45.1	8.5	45.5	8.4	28.2	17.2
Sulfur Content not > 1 %	51.1	3.4	49.0	2.4	33.6	4.0	47.8	3.3	48.1	4.2	31.0	5.4
Sulfur Content > 1 %	46.7	9.5	48.2	8.9	28.1	10.0	43.4	5.2	42.9	4.3	27.0	11.8

^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*.

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

tion systems cropped up across the country. In addition, reports showing declines in finished product stock levels contributed to the price rally. A fire in a distillate line between Louisiana and Mississippi on the Plantation pipeline system reduced the product throughput rate for the rest of the month, helping to support prices at the start of the heating season. In the Pacific Northwest, the Olympic pipeline continued to encounter problems. After failing tests on recently repaired sections of the line, the Office of Pipeline Safety ordered shipments reduced by 20 percent. Despite the declines from September price levels, a year-to-year comparison of New York Harbor spot market prices shows considerable changes. The October monthly average spot price for West Texas Intermediate crude oil was \$13.00 per barrel in 1998 compared with \$22.69 per barrel in 1999. The October 1998 average spot price for regular gasoline was 43.5 cents per gallon while the av-

erage price was 62.7 cents per gallon this year, an increase of 19.2 cents per gallon (approximately 44 percent). For No. 2 heating oil, the average price was 38.5 cents per gallon last year and 58.4 cents this year, a difference of 19.9 cents.

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

Crude Oil

The October daily spot price for West Texas Intermediate (WTI) crude oil retreated from September's range as concern grew over compliance to production cuts

agreements. After opening at \$24.51 per barrel, the price dropped sharply during the ensuing week, hitting to the month's low of \$20.81 per barrel on October 8. A variety of fundamental influences helped lift and support the price until the final week of the month when it yielded again to pressure emerging from a combination of technical and fundamental factors. The price closed the month at \$21.79 per barrel, \$2.71 lower than where it began the month.

- October monthly average crude oil prices show only marginal changes last month's levels. The average domestic crude oil first purchase price fell 47 cents (2.3 percent), to \$19.63 per barrel.
- The average free-on-board (f.o.b.) cost of imported crude oil declined 67 cents (3.2 percent), to \$20.38 per barrel. The average landed cost of foreign crude oil dropped 33 cents (1.5 percent), to \$21.36 per barrel.
- The average refiner acquisition cost for domestic crude oil rose 65 cents (3.0 percent), to \$22.39 per barrel. The average cost of imported crude oil to U.S. refiners barely changed, dropping 2 cents (0.1 percent), to \$21.62 per barrel. The composite refiner acquisition cost of crude oil rose 25 cents (1.2 percent), to \$21.93 per barrel.

Petroleum Products

Motor Gasoline

During October, the daily spot price at New York Harbor for unleaded regular gasoline receded markedly from prior months' levels. After hitting the high of 70.7 cents per gallon on October 1, the price plummeted to month's low of 58.0 cents per gallon on October 8, a loss of nearly 13 cents in a week's time. After undergoing a moderate recovery, the price continued on a comparatively steady course through the rest of the month, closing at 62.1 cents per gallon.

- National average gasoline prices fell in all sales categories during October. The average price for retail sales of motor gasoline by refiners declined 1.6 cents to 87.2 cents per gallon, while the average wholesale price dropped 3.3 cents to 72.4 cents per gallon. Including data reported by a sample of motor gasoline marketers, the national average retail price at company-operated retail outlets fell 1.1 cents to 86.1 cents per gallon. The average wholesale price de-

clined 3.3 cents to 72.6 cents per gallon. The average dealer tank wagon (DTW) price decreased 1.8 cents to 81.5 cents per gallon, while the average rack price tumbled 4.0 cents to 69.6 cents per gallon. The average price for bulk sales declined 2.7 cents to 66.5 cents per gallon. Reformulated gasoline prices exceeded conventional gasoline prices by 5.2 cents at retail and 8.2 cents at wholesale. The difference between conventional and oxygenated gasoline prices was 7.1 cents at retail and 10.1 cents at wholesale.

- Refiner gasoline sales show modest growth in most categories during October. Total sales rose 3.5 million gallons per day (1.0 percent), to an average of 369.3 million gallons per day. Retail sales increased 1.0 million gallons per day (1.7 percent), while wholesales rose 2.5 million gallons per day (0.8 percent). Rack sales made up 63.0 percent of wholesales, while DTW and bulk sales accounted for 23.6 percent and 13.3 percent, respectively. Reformulated gasoline (RFG) comprised 32.8 percent of total motor gasoline sales, while oxygenated accounted for 3.4 percent.

No. 2 Distillate

The daily spot price for No. 2 heating oil at New York Harbor followed a wide-ranging path during October. Opening at 62.0 cents per gallon, the price held to the general market trend, undergoing a steep decline during the following week's time. After reaching the low of 53.0 cents per gallon on October 8, the price rebounded and continued mostly within a high-50-cents-per-gallon range for the rest of the month. Closing at 57.2 cents per gallon, the price was 4.8 cents lower than where it started October.

- October monthly average No. 2 distillate prices increased in most categories of sales. The national average residential price showed the largest change, rising 4.6 cents to 94.7 cents per gallon, while the average wholesale price hardly moved, increasing 0.1 cent to 64.7 cents per gallon. The average price for No. 2 diesel fuel at company-operated retail outlets rose 1.1 cents, while the average wholesale price increased 0.3 cent. The difference between low- and high-sulfur diesel fuel prices was 3.5 cents at retail and 2.9 cents at wholesale.
- Overall, refiner sales of No. 2 distillate rose during October. Total sales of No. 2 distillate increased 2.5 million gallons (1.7 percent), to 152.7 million gallons per day. Sales of No. 2 fuel oil jumped 5.3 million gallons per day (23.1 percent), while sales of No. 2

diesel fuel fell 2.8 million gallons per day (2.2 percent). Low-sulfur diesel fuel accounted for 83.5 percent of all refiner diesel fuel sales and 68.0 percent of all refiner No. 2 distillate sales.

Residual Fuel Oil

- Most October residual fuel oil prices increased from September levels. Refiner prices for low-sulfur residual fuel rose 2.1 cents to 51.1 cents per gallon at retail, but eased 0.3 cent to 47.8 cents per gallon at wholesale. The average high-sulfur residual fuel wholesale price fell 1.5 cents to 46.7 cents per gallon. Including data reported by the sample of residual fuel oil marketers, the average low-sulfur price increased 4.3 cents to 50.5 cents per gallon at retail, and 2.1 cents to 47.3 cents per gallon at wholesale. The average price for high-sulfur residual fuel oil inched up 0.4 cent to 48.1 cents per gallon at retail, and 0.9 cent to 45.0 cents per gallon at wholesale.
- Refiner residual fuel oil sales generally rose in October. Total sales increased 1.8 million gallons per day (9.1 percent), to 21.5 million gallons per day. Low-sulfur residual fuel sales rose 100,000 gallons

per day (1.5 percent), while high-sulfur residual fuel sales climbed 1.5 million gallons per day (11.4 percent).

Other Products

- Prices for products included in this section mainly rose during October. Refiner propane prices increased 7.2 cents per gallon at retail, and 2.2 cents per gallon at wholesale. Including data from a sample of propane marketers, the average residential propane price jumped 6.6 cents per gallon. The average retail price for propane climbed 6.2 cents, while the average wholesale price rose 3.0 cents per gallon. Prices for kerosene-type jet fuel, No. 1 distillate, and No. 4 distillate rose at both retail and wholesale. Aviation gasoline and kerosene prices rose at retail but fell at wholesale.
- The volumes of sales by refiners for these products were mixed during October. Propane, kerosene, and No. 4 distillate sales declined at retail but increased at wholesale. Kerosene-type jet fuel and aviation gasoline sales fell at both levels, while No. 1 distillate sales increased at both retail and 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	15.85	14.74	13.48	13.42	13.42	12.38	12.36	12.44	13.35	13.39	12.47	10.48
Imported	14.33	13.32	12.34	12.81	12.61	11.61	11.55	11.34	12.77	12.11	10.99	9.39
Composite	15.04	13.98	12.84	13.06	12.95	11.94	11.90	11.77	13.01	12.61	11.56	9.81
Motor Gasoline												
Sales to End Users Through Retail Outlets												
Regular												
U.S.	68.4	64.7	61.9	63.5	66.6	65.8	64.6	61.8	60.5	61.1	58.3	53.8
PADD 1	67.1	62.9	59.8	60.5	62.1	62.1	60.9	58.6	57.1	58.6	57.0	52.6
PADD 2	64.5	63.5	62.8	64.8	68.2	66.8	65.8	61.8	60.5	61.0	56.5	50.5
PADD 3	66.5	63.6	60.7	60.9	61.9	61.3	59.9	57.4	56.0	57.5	54.9	50.7
PADD 5	80.1	71.2	64.7	68.0	75.3	73.8	71.8	70.9	69.5	68.7	67.4	66.5
Sales for Resale												
Regular												
U.S.	55.3	53.1	50.6	53.1	55.8	53.4	52.0	48.2	48.6	49.8	45.1	40.0
PADD 1	55.8	53.1	50.6	52.6	54.2	51.8	50.0	46.8	47.5	49.4	44.6	39.4
PADD 2	51.8	52.5	50.8	53.8	56.9	54.6	53.2	47.8	48.3	48.9	42.7	37.3
PADD 3	51.7	49.7	47.4	48.8	50.6	48.3	47.1	42.5	43.0	45.5	39.8	34.6
PADD 5	66.0	59.0	54.2	59.2	64.7	61.1	59.3	57.7	57.1	56.6	56.3	53.4
No. 2 Distillate Fuel Oil												
Sales to End Users, Residential												
U.S.	92.5	91.6	89.6	87.7	84.9	81.2	77.7	75.5	77.0	78.6	79.9	78.9
PADD 1	93.5	92.8	90.8	88.6	85.9	82.1	78.4	76.1	77.6	79.1	80.6	79.6
PADD 2	82.6	80.6	79.6	79.2	76.7	74.0	72.8	70.8	72.6	73.8	73.1	71.3
PADD 3	66.2	64.7	62.3	63.0	61.2	W	56.2	55.1	59.8	57.9	55.6	51.9
PADD 5	98.6	94.7	92.7	92.7	90.9	86.3	83.2	84.5	86.4	89.2	89.4	88.5
Sales to End Users Through Retail Outlets^b												
U.S.	66.0	63.2	61.1	61.5	61.7	59.0	57.9	56.2	58.2	58.7	56.6	52.3
PADD 1	67.8	64.6	62.1	61.7	61.4	59.6	57.7	55.9	57.5	58.4	56.6	53.1
PADD 2	63.9	61.8	60.5	60.9	60.6	58.0	56.9	54.9	57.6	58.1	55.8	50.9
PADD 3	62.4	60.2	57.6	57.7	58.5	55.7	54.6	52.5	53.9	54.6	52.1	48.9
PADD 5	76.2	70.7	66.3	69.3	70.6	66.5	66.7	67.4	68.4	67.6	65.5	62.7
Sales for Resale												
U.S.	51.0	49.4	46.9	48.5	47.3	43.9	42.7	41.3	45.5	45.2	41.8	36.6
PADD 1	51.8	49.8	47.5	47.4	45.8	42.6	41.1	39.2	43.9	43.8	40.6	36.8
PADD 2	48.8	49.4	47.2	49.1	47.9	44.5	43.6	41.9	46.6	46.1	42.3	36.1
PADD 3	49.4	46.9	44.2	45.8	44.6	41.8	40.1	37.8	42.2	42.6	38.7	33.8
PADD 5	54.5	50.9	47.5	53.2	52.3	47.5	47.8	48.9	50.3	49.5	48.9	42.0
Kerosene-Type Jet Fuel												
Sales to End Users												
U.S.	52.3	50.0	45.3	46.6	46.7	42.8	43.4	43.6	44.9	46.9	44.0	37.4
PADD 1	51.4	50.0	45.6	46.2	45.9	43.1	43.6	41.6	43.9	46.5	43.7	36.2
PADD 2	52.5	51.4	46.2	47.5	47.3	44.2	44.4	42.5	44.8	47.3	44.3	37.1
PADD 3	49.2	48.1	43.3	44.1	44.0	41.1	41.6	40.1	42.3	44.4	41.0	33.6
PADD 5	54.3	49.5	45.0	47.7	48.3	42.1	43.3	47.5	46.5	48.2	45.3	40.4
Sales for Resale												
U.S.	52.9	50.3	45.9	46.7	47.0	43.2	43.4	42.9	44.6	45.9	42.9	36.3
PADD 1	52.8	51.2	47.0	47.6	47.3	44.4	44.7	43.2	44.8	46.8	44.5	35.9
PADD 2	53.1	51.7	47.8	49.1	49.0	46.0	45.4	43.4	46.5	48.4	44.9	37.3
PADD 3	49.9	48.3	43.6	43.6	44.0	40.9	41.0	39.1	41.5	43.3	40.5	33.6
PADD 5	55.5	50.8	46.8	48.7	48.8	43.8	44.7	48.0	47.4	49.1	47.5	42.3
Residual Fuel Oil												
Sales to End Users												
U.S.	36.4	33.7	29.8	32.6	32.5	31.7	31.6	29.1	27.7	30.1	30.6	27.3
Sales for Resale												
U.S.	32.4	29.3	27.2	30.6	29.7	28.1	29.7	27.0	27.9	28.5	26.4	23.8

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	May	Jun	Jul	Aug	Sep	Oct	Nov ^a	Dec
Crude Oil												
Refiner Acquisition Cost												
Domestic	10.96	10.97	12.29	15.05	16.59	16.30	18.10	19.57	21.74	22.39	23.37	
Imported	10.16	10.22	12.31	14.85	15.57	15.91	17.84	19.56	21.64	21.62	23.06	
Composite	10.47	10.52	12.30	14.92	15.97	16.06	17.94	19.56	21.68	21.93	23.21	
Motor Gasoline												
Sales to End Users Through Retail Outlets												
Regular												
U.S.	53.4	51.6	59.3	72.1	71.9	70.2	75.5	81.2	83.6	82.5	83.3	
PADD 1	51.1	49.1	53.9	64.7	66.4	65.6	70.5	76.8	80.5	82.2	81.8	
PADD 2	51.8	49.8	59.5	68.5	69.2	69.0	74.0	78.6	83.0	80.0	83.3	
PADD 3	49.5	48.4	54.6	64.6	65.6	64.5	69.7	74.8	78.9	79.7	79.2	
PADD 5	65.8	63.8	74.3	101.9	93.5	85.8	92.5	99.3	93.6	90.0	89.5	
Sales for Resale												
Regular												
U.S.	41.6	40.1	49.6	59.7	58.8	59.0	66.4	71.4	73.5	70.1	72.5	
PADD 1	40.6	38.7	46.2	55.1	55.5	55.4	62.2	67.9	72.3	69.9	72.2	
PADD 2	40.3	38.2	49.0	57.4	57.3	57.3	64.2	68.6	72.4	67.6	73.1	
PADD 3	36.8	35.7	43.4	51.3	51.9	52.3	59.9	65.4	69.0	65.5	67.6	
PADD 5	51.8	51.2	65.5	86.0	76.6	76.3	85.8	88.1	80.8	79.7	NA	
No. 2 Distillate Fuel Oil												
Sales to End Users, Residential												
U.S.	80.4	79.8	80.9	82.9	82.1	80.8	81.6	83.5	90.1	94.7	100.4	
PADD 1	81.3	80.5	81.4	83.1	82.3	81.0	81.6	82.7	89.6	94.7	100.5	
PADD 2	71.7	71.1	73.8	76.5	75.3	74.4	77.9	84.5	89.8	92.6	96.8	
PADD 3	53.8	51.0	52.2	NA	59.5	NA	65.0	NA	73.8	NA	72.0	
PADD 5	87.1	87.1	93.6	104.3	101.1	103.2	103.0	NA	106.3	109.4	111.9	
Sales to End Users Through Retail Outlets^b												
U.S.	51.5	50.3	55.0	63.2	63.0	63.6	68.8	73.7	77.5	78.6	81.5	
PADD 1	52.4	50.7	54.1	60.2	60.2	60.5	66.1	69.9	74.5	76.2	78.4	
PADD 2	50.6	49.1	54.1	62.5	62.3	62.3	67.7	73.0	77.9	79.1	83.2	
PADD 3	47.7	47.0	50.6	57.7	58.3	58.2	63.1	68.2	73.3	74.4	75.8	
PADD 5	61.7	61.8	70.0	82.3	77.8	83.7	86.4	90.9	85.4	86.3	91.0	
Sales for Resale												
U.S.	37.7	36.0	43.3	48.2	47.4	49.9	56.0	60.9	64.6	64.7	67.8	
PADD 1	38.2	36.0	41.7	46.1	45.0	45.9	52.7	57.4	62.0	61.7	66.6	
PADD 2	37.4	35.7	43.4	49.6	48.1	48.9	55.4	61.3	66.7	67.2	71.5	
PADD 3	35.1	32.9	39.2	43.5	43.3	44.3	51.6	56.7	61.6	60.7	64.2	
PADD 5	41.2	41.5	54.8	59.0	57.3	67.9	69.0	73.0	68.5	71.1	73.6	
Kerosene-Type Jet Fuel												
Sales to End Users												
U.S.	37.8	36.3	39.4	48.3	46.8	50.6	54.6	59.5	63.7	64.4	67.5	
PADD 1	36.3	34.9	38.8	45.7	45.5	NA	52.7	58.1	62.8	63.8	66.6	
PADD 2	37.8	36.0	39.4	46.8	46.3	NA	53.9	58.7	63.9	64.5	67.6	
PADD 3	35.3	33.9	36.9	43.6	42.7	43.6	50.3	55.4	59.8	59.9	62.4	
PADD 5	40.6	39.3	41.2	54.6	50.9	60.7	59.6	63.2	66.2	67.3	70.9	
Sales for Resale												
U.S.	36.9	35.0	39.3	46.9	47.2	49.3	53.6	59.0	62.5	63.5	66.6	
PADD 1	36.9	34.9	39.9	47.3	46.8	47.1	53.2	58.0	63.0	62.8	66.0	
PADD 2	38.1	36.0	40.3	48.2	47.4	47.6	53.2	59.9	65.1	65.2	66.4	
PADD 3	34.9	31.8	36.9	42.6	43.0	42.8	50.1	56.2	59.4	61.1	64.1	
PADD 5	41.9	41.4	42.7	53.5	52.5	59.4	59.8	64.7	67.1	67.7	71.3	
Residual Fuel Oil												
Sales to End Users												
U.S.	28.2	26.7	28.5	31.2	34.2	34.3	36.9	43.5	47.3	48.7	48.3	
Sales for Resale												
U.S.	25.2	21.9	25.2	29.5	33.1	32.6	36.1	42.4	44.6	46.0	46.1	

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	13.45	12.78	14.12	15.85	14.33	15.04
February	12.17	11.69	13.08	14.74	13.32	13.98
March	11.15	11.08	12.40	13.48	12.34	12.84
April	11.28	11.17	12.33	13.42	12.81	13.06
May	11.13	11.33	12.26	13.42	12.61	12.95
June	10.00	10.12	11.25	12.38	11.61	11.94
July	10.44	10.37	11.41	12.36	11.55	11.90
August	10.20	10.21	11.32	12.44	11.34	11.77
September	11.29	11.70	12.44	13.35	12.77	13.01
October	11.32	10.99	11.96	13.39	12.11	12.61
November	9.64	9.37	10.47	12.47	10.99	11.56
December	8.03	8.18	9.30	10.48	9.39	9.81
1998	10.87	10.76	11.84	13.18	12.04	12.52
1999						
January	8.59	9.15	10.16	10.96	10.16	10.47
February	8.58	9.37	10.63	10.97	10.22	10.52
March	10.75	11.85	12.92	12.29	12.31	12.30
April	12.84	14.14	15.06	15.05	14.85	14.92
May	13.84	14.40	15.52	16.59	15.57	15.97
June	14.34	15.10	16.10	16.30	15.91	16.06
July	16.13	17.30	18.13	18.10	17.84	17.94
August	17.58	19.14	19.77	19.57	19.56	19.56
September	20.10	21.05	21.69	21.74	21.64	21.68
October	19.63	20.38	21.36	22.39	21.62	21.93
November ^c	NA	NA	NA	^E 23.37	^E 23.06	^E 23.21

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.

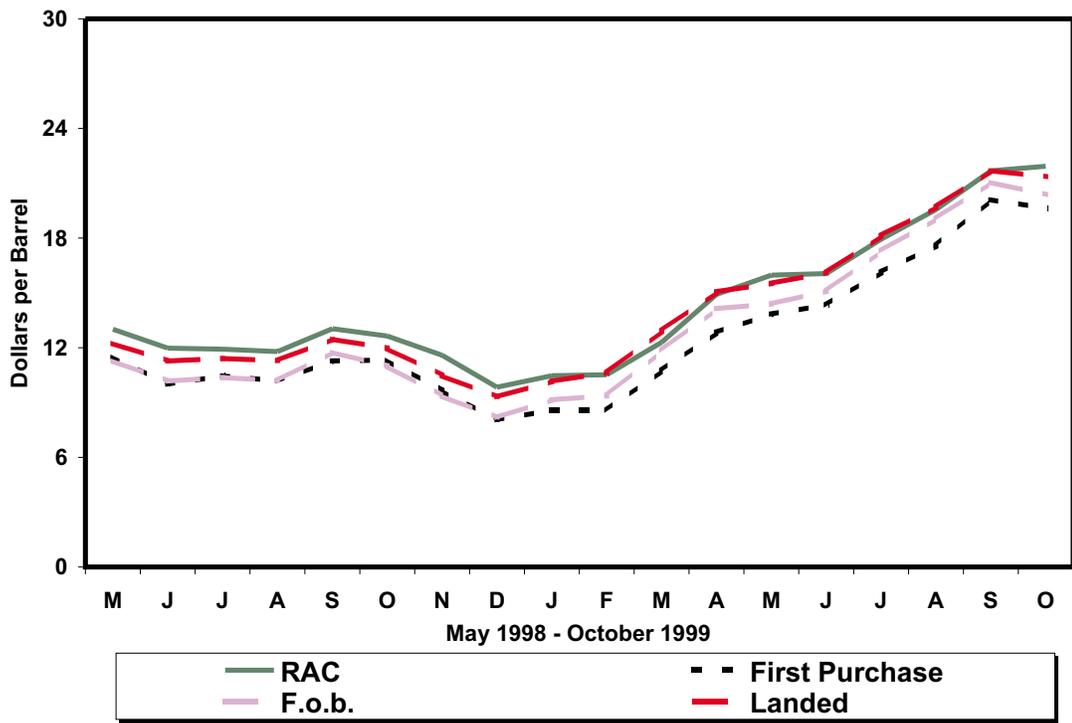
NA = Not available.

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	73.2	104.3	52.3	48.4	71.8	58.5	54.9	54.1	54.8	50.9	35.4
February	69.0	100.8	50.0	44.7	68.2	57.7	53.3	53.8	53.3	48.7	32.7
March	65.5	98.4	45.3	43.8	65.3	55.9	50.8	53.8	51.1	46.0	28.6
April	67.7	99.3	46.6	41.5	56.7	56.2	52.0	53.0	52.1	43.8	31.8
May	71.4	101.1	46.7	36.2	56.0	NA	51.7	48.3	51.2	43.6	31.9
June	70.7	99.1	42.8	34.1	44.7	NA	48.4	45.7	48.0	40.8	31.3
July	69.4	98.5	43.4	35.8	47.4	NA	47.6	44.6	47.2	38.4	31.5
August	66.7	95.9	43.6	33.5	41.5	NA	46.3	43.1	45.8	36.2	28.7
September	65.5	94.1	44.9	37.4	46.2	NA	49.4	47.2	49.2	39.9	27.6
October	66.4	95.1	46.9	40.7	50.9	57.8	50.0	47.9	49.7	43.1	29.7
November	63.7	93.3	44.0	42.3	44.4	56.2	47.0	46.7	47.0	43.3	30.5
December	59.7	88.7	37.4	36.2	42.4	50.1	41.8	43.6	42.0	39.4	26.8
1998	67.3	97.5	45.2	40.5	50.1	55.1	49.4	48.2	49.2	42.8	30.5
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	65.1	89.7	39.4	41.1	50.4	NA	46.0	46.0	46.0	40.2	27.5
April	79.0	101.3	48.3	45.1	48.9	NA	52.5	49.9	52.2	43.5	30.9
May	78.2	103.5	46.8	42.4	49.5	NA	52.1	NA	51.5	NA	34.6
June	75.6	103.3	50.6	38.7	46.3	NA	53.3	NA	52.5	43.1	34.3
July	80.6	110.0	54.6	41.1	58.2	59.9	59.0	53.6	58.3	46.3	36.1
August	86.5	114.8	59.5	43.1	62.4	67.8	64.2	58.9	63.5	50.6	43.6
September	88.8	117.7	63.7	48.4	68.0	74.4	67.2	64.4	66.9	54.4	48.3
October	87.2	118.4	64.4	55.6	75.7	77.3	67.6	66.0	67.5	56.2	47.8

NA = Not available.

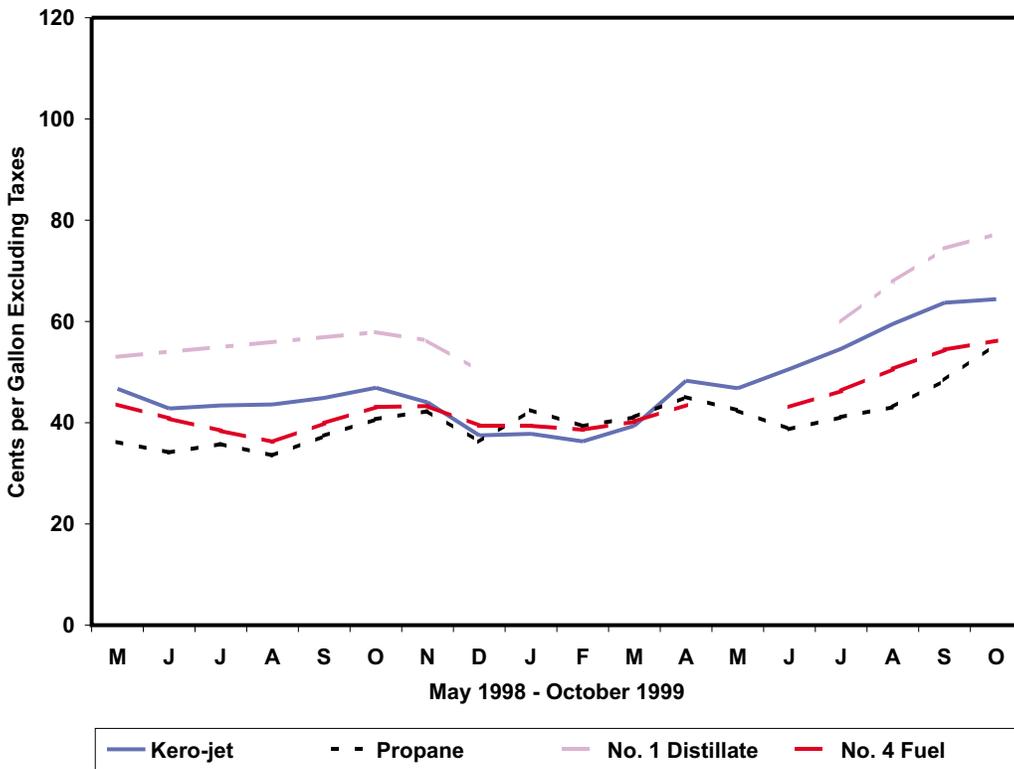
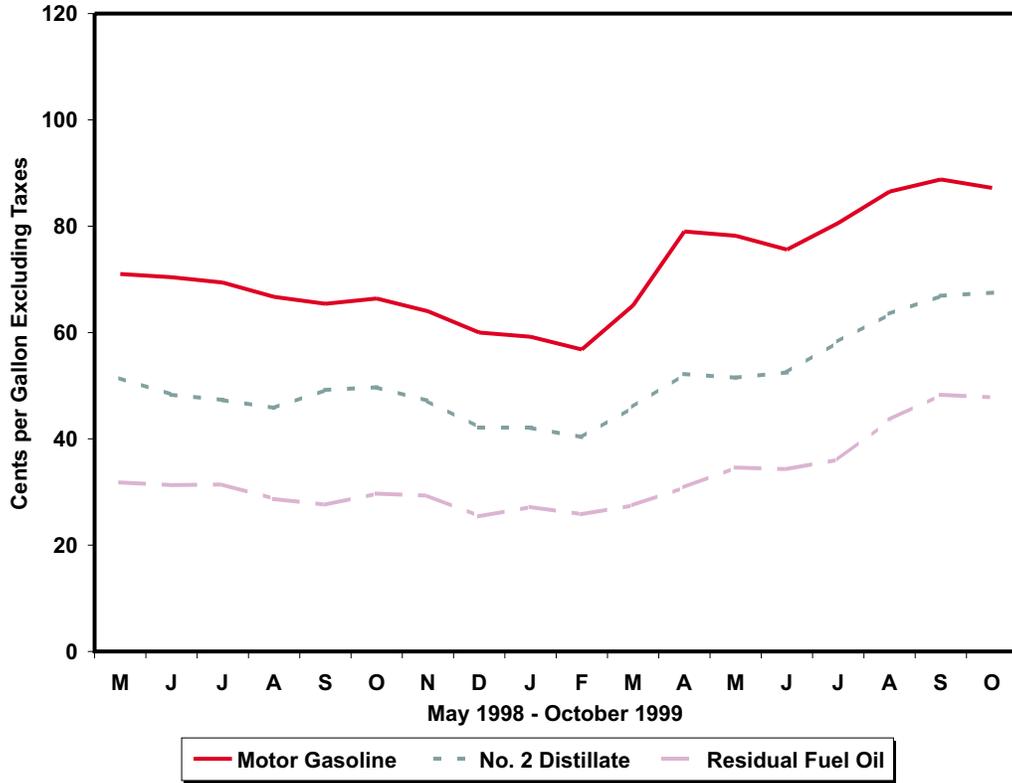
^a Includes No. 4 fuel oil and No. 4 diesel fuel.

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	62.4	0.1	47.9	4.9	0.3	0.6	21.1	3.0	24.1	0.4	13.5
March	64.5	0.1	47.7	4.1	0.3	0.4	22.2	2.6	24.9	0.4	15.5
April	59.0	0.2	48.1	3.0	0.2	0.3	20.3	2.4	22.7	0.3	14.3
May	59.5	0.2	48.9	2.3	0.1	NA	19.3	3.4	22.7	0.3	13.0
June	60.8	0.2	50.7	2.2	0.3	NA	21.3	4.0	25.3	0.3	13.8
July	67.2	0.2	51.5	1.9	0.3	NA	22.2	3.4	25.7	0.4	16.5
August	66.8	0.2	51.5	2.4	0.6	NA	21.3	3.6	24.9	0.4	17.8
September	65.1	0.2	48.0	2.3	0.4	NA	22.4	3.1	25.5	0.3	13.0
October	65.1	0.2	50.6	2.7	0.3	0.4	22.2	3.2	25.4	0.2	14.1
November	63.8	0.1	44.3	2.7	0.7	0.5	20.2	3.1	23.3	0.3	11.8
December	65.4	0.1	50.4	4.4	0.7	0.7	20.5	3.2	23.7	0.4	14.1
1998	63.3	0.2	48.9	3.1	0.4	0.4	21.1	3.2	24.3	0.3	14.4
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	63.6	0.1	47.9	4.4	0.4	NA	21.7	3.7	25.4	0.4	14.7
April	64.3	0.2	49.0	3.7	0.4	NA	21.6	3.3	24.9	0.2	14.1
May	64.5	0.1	50.3	2.3	0.1	NA	20.6	NA	23.7	NA	14.7
June	66.2	0.2	51.8	2.2	0.1	NA	21.6	NA	25.0	0.3	11.8
July	68.0	0.2	50.9	2.7	0.1	0.1	20.2	2.6	22.8	0.4	14.7
August	63.6	0.2	50.8	4.9	0.2	0.1	21.4	3.1	24.4	0.3	15.2
September	59.6	0.1	49.0	3.9	0.2	0.2	21.7	2.7	24.4	0.2	11.3
October	60.6	0.1	48.1	2.8	0.1	0.2	22.2	2.9	25.1	0.2	13.0

NA = Not available.

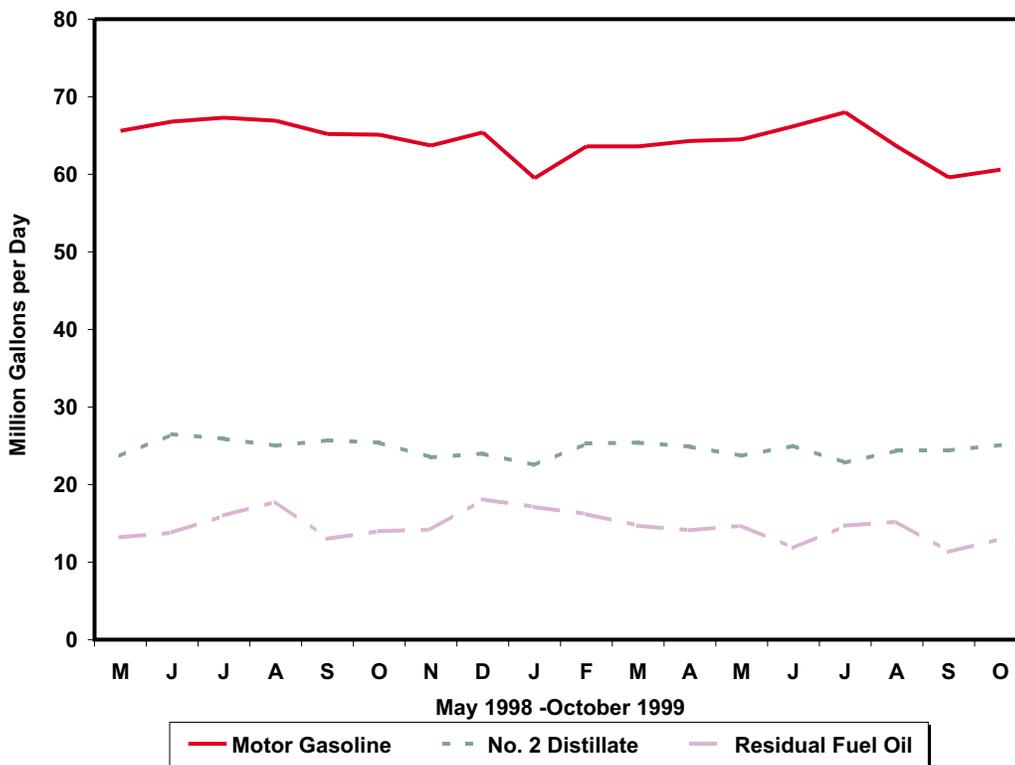
^a Includes No. 4 fuel oil and No. 4 diesel fuel.

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

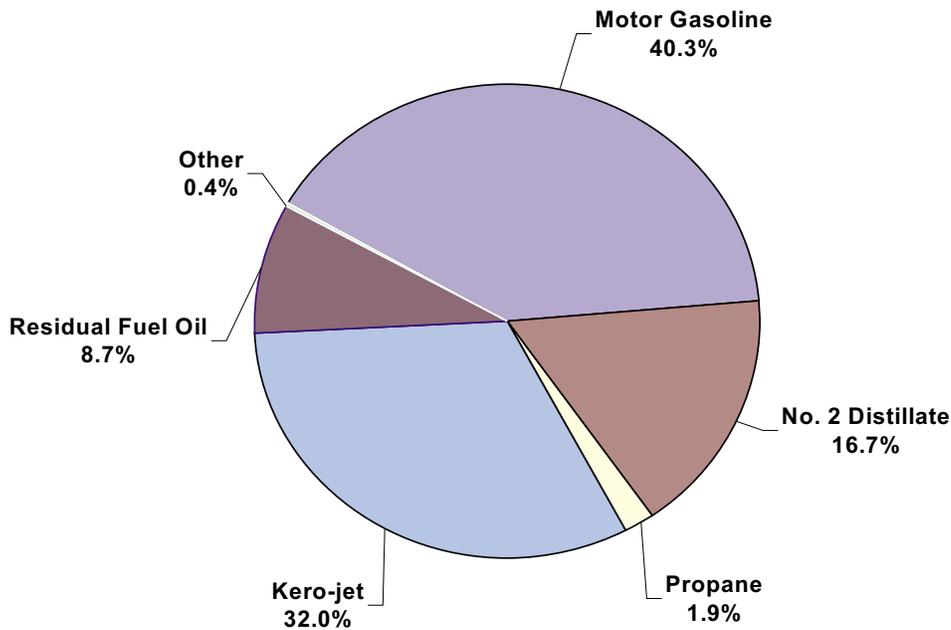
Notes: Values shown for the current month are preliminary. Values shown for previous months are revised. Data are final upon publication in the *Petroleum Marketing Annual*. Totals may not equal the sum of the components due to rounding.

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	52.9	35.4	52.8	57.1	49.6	48.9	49.4	45.9	31.1
February	55.1	92.1	50.3	33.1	51.6	56.4	48.3	47.7	48.1	43.6	28.3
March	52.3	88.4	45.9	31.1	47.5	54.3	45.9	44.9	45.6	40.1	26.4
April	54.9	92.8	46.7	30.3	46.1	57.9	48.2	44.9	47.4	41.7	30.3
May	57.9	97.3	47.0	29.3	45.6	56.4	47.0	43.3	46.1	40.3	29.5
June	55.7	94.1	43.2	26.7	43.0	52.1	43.5	39.9	42.8	36.5	27.9
July	54.3	93.4	43.4	25.7	41.7	50.1	42.6	38.8	41.9	37.5	29.6
August	50.6	91.6	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	45.9	27.6	46.6	53.7	45.5	41.2	44.6	35.3	28.2
November	47.8	83.6	42.9	27.7	44.2	49.5	41.4	38.9	40.9	36.8	26.0
December	42.6	79.8	36.3	25.7	38.7	43.5	35.4	34.6	35.2	30.2	23.3
1998	52.6	91.2	45.0	28.8	46.5	51.3	44.4	42.2	43.9	38.3	28.0
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	86.8	39.3	26.9	43.9	49.1	43.6	39.7	42.7	32.6	24.9
April	62.3	98.8	46.9	28.6	48.5	56.2	48.7	44.5	47.9	38.2	29.5
May	61.6	97.8	47.2	29.0	45.2	56.7	47.8	43.7	47.1	NA	32.1
June	61.1	95.0	49.3	29.6	46.8	57.0	50.3	44.2	49.3	39.1	31.9
July	68.7	103.0	53.6	34.6	53.5	61.8	56.6	51.4	55.7	43.5	35.6
August	73.8	107.6	59.0	38.3	59.4	68.6	61.4	56.3	60.6	49.4	42.1
September	75.7	111.9	62.5	41.5	65.9	73.6	65.0	60.9	64.3	51.9	45.5
October	72.4	109.8	63.5	43.7	64.8	74.9	65.1	61.2	64.3	52.3	45.1

NA = Not available.

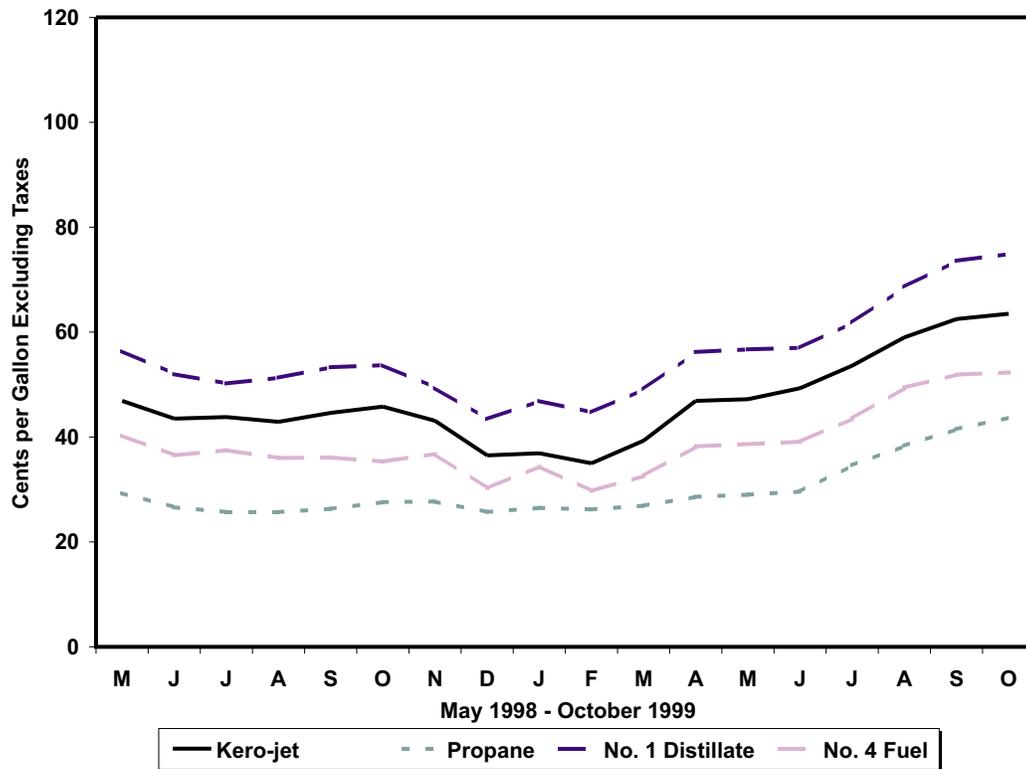
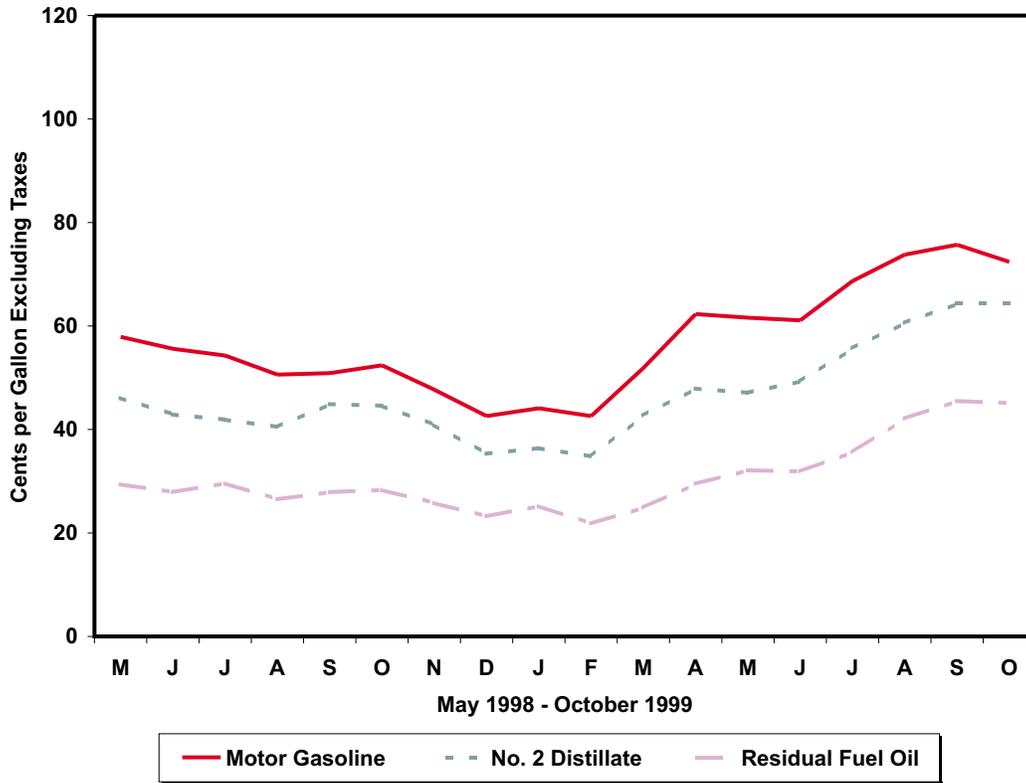
^a Includes No. 4 fuel oil and No. 4 diesel fuel.

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 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	279.9	0.4	11.5	38.8	4.4	3.1	84.9	34.6	119.5	0.2	13.9
February	286.2	0.5	11.4	38.4	3.9	1.7	84.2	35.5	119.7	0.2	10.0
March	291.3	0.6	12.5	33.7	2.9	1.1	89.6	32.2	121.8	0.2	12.7
April	304.6	0.6	11.8	27.9	1.6	0.3	87.0	27.5	114.5	0.1	17.6
May	305.4	0.7	10.3	23.7	1.0	0.2	85.6	28.0	113.6	0.1	14.8
June	316.3	0.7	12.0	27.9	1.3	0.2	97.7	23.6	121.2	0.1	18.2
July	318.8	0.9	12.1	26.6	1.1	0.3	99.6	22.1	121.6	NA	19.3
August	308.6	0.7	12.3	27.7	0.9	0.4	94.8	21.0	115.7	NA	16.5
September	299.5	0.7	10.7	31.8	1.4	0.9	96.5	20.9	117.4	0.1	17.4
October	298.7	0.7	13.2	37.7	2.2	1.4	97.2	25.8	123.0	0.1	17.2
November	290.2	0.4	14.6	34.2	2.6	2.7	93.0	24.7	117.7	0.2	12.9
December	304.5	0.5	13.4	44.0	3.2	4.0	92.4	32.0	124.4	0.2	13.7
1998	300.4	0.6	12.2	32.7	2.2	1.4	91.9	27.3	119.2	0.1	15.4
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	304.2	0.6	12.1	36.4	2.6	1.3	97.9	31.1	129.1	0.3	11.3
April	312.2	0.7	13.3	28.1	1.0	0.4	98.9	23.6	122.5	0.2	17.0
May	313.0	0.7	10.5	25.3	1.1	0.3	98.7	21.0	119.6	NA	9.6
June	324.6	1.0	14.0	27.7	0.8	0.3	107.8	21.4	129.2	0.1	10.1
July	317.5	1.0	14.6	28.9	0.8	0.5	88.4	18.5	106.9	0.1	11.3
August	307.9	0.9	13.9	30.0	0.9	0.6	97.8	19.9	117.7	0.1	7.8
September	306.2	0.9	16.6	32.7	1.3	1.1	105.6	20.2	125.9	0.1	8.4
October	308.7	0.7	16.0	34.8	2.4	1.8	102.3	25.3	127.5	0.2	8.5

NA = Not available.

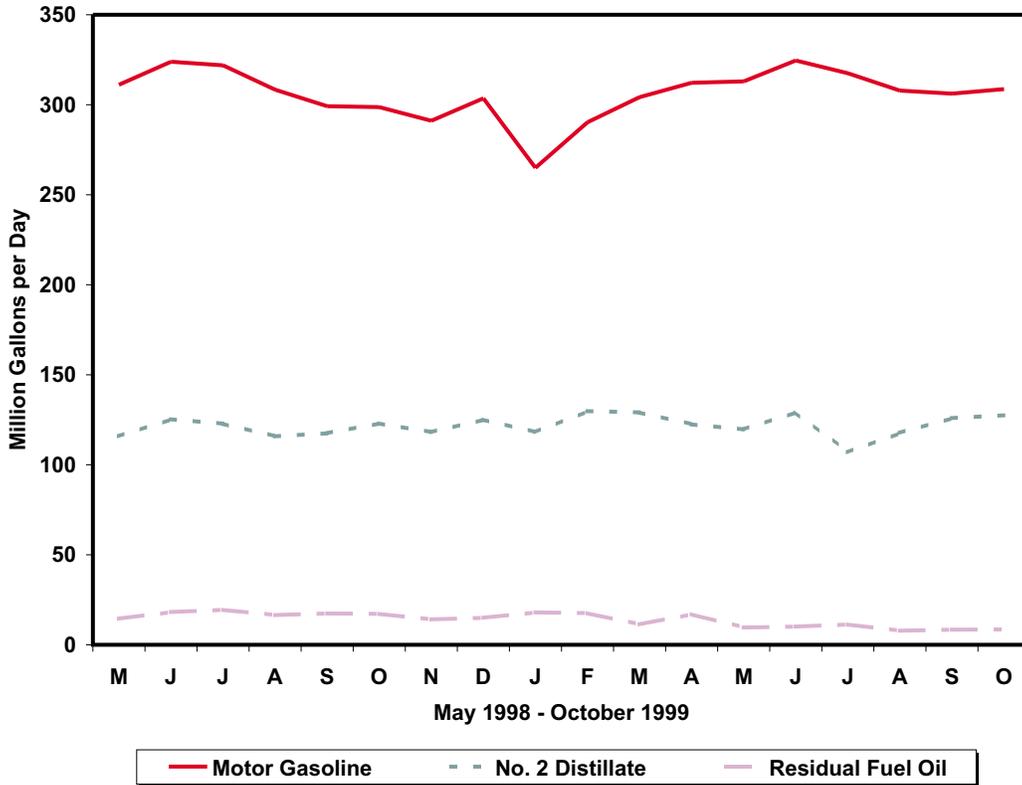
^a Includes No. 4 fuel oil and No. 4 diesel fuel.

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

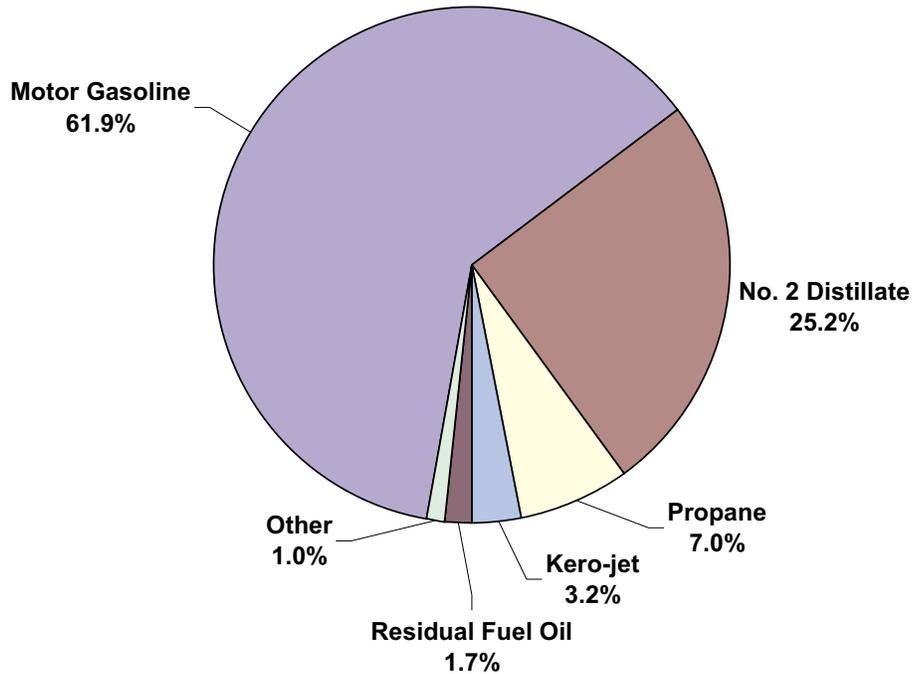
Notes: Values shown for the current month are preliminary. Values shown for previous months are revised. Data are final upon publication in the *Petroleum Marketing Annual*.

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

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	69.6	69.0	66.8	52.2	50.5	54.8	78.5	78.2	72.4	56.6	W	63.1
February	65.2	64.8	60.9	50.8	48.2	52.5	74.8	74.5	66.5	54.9	W	59.7
March	61.7	61.3	56.3	48.4	46.0	49.7	71.2	70.9	62.3	52.3	W	56.4
April	63.9	63.5	58.5	51.6	48.3	52.3	73.2	72.9	64.3	55.6	W	59.2
May	67.7	67.3	63.6	54.3	49.6	55.3	76.8	76.5	69.2	58.1	W	62.6
June	67.0	66.6	62.7	51.6	46.8	52.9	76.4	76.1	68.5	55.4	W	60.7
July	65.5	65.1	61.1	50.2	45.5	51.5	75.3	75.0	67.1	53.9	W	59.1
August	62.7	62.2	58.8	45.6	41.9	47.6	72.8	72.5	64.7	49.5	W	55.6
September	61.5	61.0	57.6	46.5	42.3	48.1	71.4	71.1	63.5	50.3	W	55.6
October	62.4	61.9	58.0	48.1	43.5	49.5	72.1	71.8	64.2	52.5	NA	57.2
November	59.5	59.1	56.8	42.1	39.3	44.7	69.9	69.6	63.1	46.4	W	53.2
December	55.4	54.9	54.0	36.3	34.0	39.5	66.1	65.8	60.3	40.8	W	48.7
1998	63.4	63.0	59.6	48.1	44.9	49.9	73.1	72.8	65.5	52.1	NA	57.6
1999												
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	61.5	61.0	59.1	47.7	42.5	49.2	70.8	70.5	64.8	51.7	W	56.8
April	76.0	75.5	NA	57.3	49.0	59.8	84.1	83.8	NA	61.0	NA	68.4
May	74.8	74.3	NA	56.5	49.7	58.9	83.7	83.4	NA	60.4	NA	67.5
June	71.9	71.5	NA	56.6	51.6	58.6	81.6	81.3	NA	NA	NA	NA
July	77.2	76.7	75.1	64.6	60.1	66.2	86.4	86.0	80.4	68.3	W	73.2
August	83.2	82.8	82.1	69.2	64.6	71.3	92.4	92.1	86.9	73.1	W	78.5
September	85.4	84.9	82.2	72.0	65.7	73.2	95.1	94.8	87.9	76.0	W	80.6
October	83.6	83.1	80.9	67.8	63.1	69.8	93.8	93.4	86.7	71.8	W	77.6

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	87.0	86.4	W	61.5	54.5	67.2	73.7	73.2	70.7	54.0	50.8	57.6
February	83.0	82.4	W	60.0	51.0	64.4	69.4	69.0	64.9	52.6	48.4	55.1
March	79.4	78.9	W	57.6	48.8	61.1	65.9	65.5	60.4	50.2	46.3	52.3
April	81.3	80.7	W	60.9	52.9	63.8	68.1	67.7	62.5	53.5	48.8	54.9
May	84.6	84.1	W	63.7	55.1	66.9	71.8	71.4	67.3	56.2	50.1	57.9
June	84.2	83.6	W	61.1	52.4	65.0	71.2	70.7	66.6	53.5	47.3	55.7
July	83.4	82.9	W	59.7	51.4	63.7	69.9	69.4	65.1	52.1	46.0	54.3
August	80.7	80.0	W	55.3	48.4	60.1	67.2	66.7	62.8	47.5	42.6	50.6
September	79.5	78.7	W	55.9	47.3	59.9	66.0	65.5	61.6	48.4	42.9	50.9
October	80.5	79.9	71.3	57.9	48.7	61.6	66.9	66.4	62.2	50.1	44.2	52.4
November	77.8	77.2	W	51.5	43.6	56.9	64.2	63.7	61.1	44.1	39.9	47.8
December	74.0	73.3	W	45.6	36.7	51.7	60.3	59.7	58.3	38.4	34.3	42.6
1998	81.1	80.5	72.6	57.3	48.9	61.7	67.8	67.3	63.6	50.0	45.4	52.6
1999												
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	78.2	77.5	W	56.7	46.9	60.3	65.7	65.1	62.6	49.6	43.0	51.9
April	91.3	90.6	NA	66.5	55.6	71.0	79.5	79.0	NA	59.1	49.7	62.3
May	91.8	91.2	NA	66.1	54.9	70.8	78.7	78.2	NA	58.4	50.3	61.6
June	89.4	88.8	NA	NA	NA	NA	76.0	75.6	NA	58.5	52.1	61.1
July	94.0	93.2	W	73.7	61.8	76.9	81.1	80.6	78.6	66.3	60.4	68.7
August	100.1	99.5	W	78.6	66.1	82.2	87.0	86.5	85.4	70.9	64.9	73.8
September	103.0	102.2	W	81.6	70.2	84.6	89.3	88.8	85.9	73.7	66.4	75.7
October	102.0	101.3	W	77.5	66.8	81.6	87.7	87.2	84.8	69.5	63.7	72.4

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.

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	NA	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	NA	28.4
1998												
January	39.4	40.8	42.1	127.0	38.6	207.6	9.9	10.1	10.8	15.2	W	26.0
February	41.7	43.1	43.6	131.6	37.2	212.4	9.7	9.9	11.0	15.5	W	26.6
March	43.0	44.5	44.7	134.7	34.5	213.9	10.0	10.2	11.1	16.0	W	27.1
April	39.1	40.5	44.7	137.3	44.0	226.0	9.2	9.3	11.0	16.0	W	27.1
May	39.4	40.8	45.0	139.1	41.7	225.8	9.4	9.5	11.2	16.1	W	27.3
June	40.2	41.6	45.7	145.8	42.8	234.2	9.6	9.8	11.3	16.8	W	28.1
July	44.4	45.9	45.7	148.2	40.9	234.8	10.7	10.8	11.4	17.4	W	28.7
August	44.0	45.5	45.1	144.0	36.0	225.1	10.6	10.8	11.3	16.9	W	28.1
September	42.7	44.2	44.2	140.3	33.0	217.6	10.4	10.6	11.0	16.4	W	27.4
October	42.6	44.1	45.1	141.0	30.5	216.7	10.6	10.8	11.3	16.6	NA	27.9
November	41.6	43.0	43.0	135.6	30.6	209.2	10.5	10.7	10.9	16.0	W	27.0
December	42.4	43.8	43.9	141.1	35.1	220.1	10.7	10.9	11.1	16.3	W	27.4
1998	41.7	43.2	44.4	138.9	37.1	220.3	10.1	10.3	11.1	16.3	NA	27.4
1999												
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	41.6	43.2	45.1	141.5	35.6	222.2	10.2	10.4	W	16.4	W	27.1
April	43.5	45.0	NA	144.1	44.1	235.0	9.9	10.1	NA	15.9	NA	25.9
May	43.6	45.0	NA	144.3	43.1	234.2	10.0	10.2	NA	16.1	NA	26.2
June	44.7	46.0	NA	154.8	39.5	242.0	10.3	10.5	NA	NA	NA	NA
July	45.5	47.3	49.8	155.0	30.0	234.8	10.6	10.8	W	16.7	W	27.8
August	43.5	44.9	47.9	154.7	27.1	229.7	9.8	9.9	W	16.3	W	26.7
September	40.7	42.1	46.6	152.9	30.2	229.7	9.2	9.4	W	15.9	W	26.0
October	41.5	42.8	47.2	150.6	34.5	232.3	9.4	9.6	W	15.6	W	25.8

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	26.9	3.5	46.3	58.1	59.9	68.7	169.0	42.1	279.9
February	9.2	9.4	W	27.6	2.8	47.2	60.6	62.4	71.4	174.7	40.1	286.2
March	9.7	9.9	W	29.1	3.8	50.2	62.6	64.5	73.2	179.7	38.3	291.3
April	8.9	9.2	W	29.6	4.8	51.5	57.2	59.0	72.9	182.8	48.9	304.6
May	8.9	9.2	W	30.4	4.8	52.3	57.7	59.5	73.3	185.6	46.5	305.4
June	9.2	9.4	W	31.8	4.6	54.0	59.0	60.8	74.6	194.3	47.4	316.3
July	10.1	10.4	W	33.6	3.7	55.2	65.2	67.2	75.0	199.1	44.6	318.8
August	10.2	10.5	W	32.9	4.5	55.3	64.8	66.8	74.3	193.8	40.5	308.6
September	10.0	10.3	W	32.1	4.8	54.6	63.1	65.1	72.8	188.8	37.9	299.5
October	10.0	10.2	18.0	31.7	4.4	54.1	63.1	65.1	74.4	189.3	35.0	298.7
November	9.9	10.2	W	31.4	4.9	54.0	62.0	63.8	71.6	183.1	35.5	290.2
December	10.4	10.7	W	34.0	4.9	56.9	63.6	65.4	73.0	191.4	40.1	304.5
1998	9.6	9.9	17.4	30.9	4.3	52.7	61.4	63.3	73.0	186.1	41.4	300.4
1999												
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	9.7	10.0	W	33.2	W	54.9	61.6	63.6	73.2	191.1	39.9	304.2
April	8.9	9.2	NA	30.0	5.6	51.3	62.3	64.3	NA	190.0	49.8	312.2
May	9.1	9.3	NA	30.7	5.6	52.6	62.7	64.5	NA	191.1	48.7	313.0
June	9.5	9.7	NA	NA	NA	NA	64.5	66.2	NA	204.8	45.3	324.6
July	9.6	10.0	W	32.5	W	54.9	65.7	68.0	77.8	204.2	35.5	317.5
August	8.5	8.8	W	31.3	W	51.5	61.8	63.6	73.8	202.4	31.8	307.9
September	7.8	8.1	W	29.4	W	50.5	57.8	59.6	72.0	198.2	36.0	306.2
October	8.0	8.2	W	28.3	W	50.5	58.9	60.6	72.9	194.5	41.2	308.7

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	65.7	65.1	59.5	50.9	49.1	51.2	74.2	73.8	66.0	55.2	–	57.5
February	63.1	62.6	56.5	49.9	47.2	49.9	72.2	71.7	62.5	53.8	–	55.7
March	60.7	60.3	53.8	47.7	45.1	47.8	69.9	69.5	60.1	51.4	–	53.3
April	62.5	62.1	55.5	50.9	47.0	50.4	71.7	71.3	61.7	54.7	–	56.2
May	65.5	65.1	59.0	53.6	48.5	53.0	74.4	74.0	64.7	57.1	–	58.8
June	64.9	64.4	58.4	51.0	46.2	50.7	74.1	73.7	64.4	54.5	W	56.6
July	63.6	63.1	57.3	49.7	44.8	49.4	73.0	72.7	63.3	53.0	–	55.1
August	60.3	59.7	54.5	44.9	40.7	45.0	70.0	69.6	60.7	48.4	–	51.1
September	59.0	58.5	53.2	45.7	40.8	45.6	68.6	68.2	59.3	49.3	–	51.4
October	60.4	59.9	54.3	47.3	42.4	47.3	69.8	69.4	60.5	51.7	–	53.6
November	56.8	56.3	51.4	40.8	37.6	41.3	66.7	66.3	58.0	45.1	–	47.8
December	51.5	51.0	46.3	35.0	32.7	35.6	61.8	61.4	53.3	39.3	–	42.2
1998	61.1	60.6	55.1	47.3	43.9	47.3	70.4	70.0	61.3	51.1	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	57.3	56.8	51.8	46.6	40.2	45.9	66.6	66.3	W	50.4	–	52.0
April	69.3	68.9	NA	56.2	47.0	55.2	78.5	78.2	NA	59.8	–	62.3
May	69.7	69.3	NA	55.7	48.1	55.1	79.4	79.0	NA	59.3	–	61.9
June	68.3	67.9	NA	55.6	48.3	55.2	78.2	77.9	NA	NA	–	NA
July	74.7	74.1	69.8	63.5	55.4	63.1	83.8	83.3	76.3	67.2	–	69.1
August	79.1	78.7	75.6	68.3	61.2	68.1	88.8	88.5	81.6	72.0	–	74.0
September	82.9	82.4	78.5	71.4	64.5	71.1	93.0	92.6	85.0	75.2	–	77.2
October	81.3	80.8	76.3	67.0	61.1	66.9	91.7	91.4	83.1	70.8	–	73.2

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	82.9	82.1	73.9	60.3	52.7	61.7	69.6	69.0	63.7	52.7	49.4	53.3
February	80.4	79.6	69.9	59.2	49.5	60.3	67.0	66.5	60.4	51.7	47.3	51.9
March	78.0	77.2	67.2	56.9	47.0	57.9	64.7	64.2	57.7	49.5	45.2	49.7
April	79.7	79.0	68.8	60.4	50.1	60.7	66.5	66.0	59.3	52.7	47.2	52.4
May	82.1	81.4	71.7	63.1	53.6	63.5	69.3	68.9	62.6	55.4	49.0	55.1
June	81.8	81.1	W	60.6	51.6	61.3	68.8	68.3	62.1	52.9	46.7	52.8
July	80.8	80.1	70.3	59.2	51.0	60.2	67.6	67.1	61.1	51.5	45.2	51.6
August	77.9	76.9	67.7	54.7	47.9	56.0	64.5	63.9	58.4	46.8	41.4	47.3
September	76.5	75.6	66.4	55.3	45.9	56.1	63.2	62.6	57.1	47.6	41.3	47.8
October	78.0	77.3	67.6	57.3	46.8	58.1	64.6	64.1	58.1	49.3	42.8	49.5
November	74.6	73.8	65.2	50.4	41.6	51.6	61.2	60.6	55.5	42.8	38.1	43.5
December	69.7	68.9	60.7	44.5	34.3	45.7	56.1	55.5	50.7	37.0	32.9	37.8
1998	78.3	77.6	68.4	W	47.4	57.6	65.2	64.7	58.9	49.1	44.2	49.4
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	74.2	73.4	NA	W	43.5	56.1	61.4	60.9	55.7	48.5	40.5	48.0
April	86.2	85.5	NA	66.0	52.7	66.1	73.1	72.7	NA	58.0	47.6	57.3
May	87.3	86.7	NA	65.5	54.3	66.1	73.7	73.3	NA	57.6	48.7	57.3
June	85.8	85.1	NA	65.3	NA	NA	72.4	72.0	NA	57.4	48.8	57.3
July	91.5	90.4	83.3	72.9	58.0	72.6	78.6	77.9	73.4	65.3	55.8	65.1
August	96.3	95.6	88.7	77.8	63.0	77.8	83.0	82.5	79.0	70.0	61.5	70.1
September	100.2	99.2	92.0	81.0	68.7	80.9	86.8	86.2	82.1	73.1	65.1	73.0
October	99.5	98.7	90.8	76.6	65.1	76.8	85.3	84.8	80.1	68.7	61.7	68.8

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	12.1	100.6	30.2	142.9	5.5	5.7	3.1	11.5	–	14.6
February	24.4	25.5	12.7	104.6	29.7	147.1	5.5	5.7	3.3	11.7	–	15.0
March	26.0	27.2	13.5	108.9	27.7	150.1	6.0	6.1	3.3	12.4	–	15.7
April	24.2	25.4	14.2	112.5	36.1	162.8	5.5	5.7	3.4	12.5	–	15.9
May	24.8	25.9	14.5	113.8	32.7	160.9	5.7	5.8	3.5	12.6	–	16.1
June	25.2	26.4	14.7	119.3	35.2	169.2	5.8	6.0	3.6	13.0	W	16.6
July	27.4	28.5	14.6	121.4	30.6	166.6	6.4	6.6	3.5	13.4	–	16.9
August	27.1	28.4	14.3	116.9	28.2	159.5	6.4	6.5	3.5	12.9	–	16.5
September	25.7	26.9	13.5	113.6	23.7	150.8	6.1	6.3	3.3	12.5	–	15.8
October	26.6	27.9	14.5	113.0	22.8	150.3	6.5	6.6	3.5	12.7	–	16.1
November	25.2	26.4	12.7	107.4	22.8	142.9	6.1	6.3	3.2	12.1	–	15.2
December	25.5	26.5	12.8	111.2	26.0	150.0	6.2	6.4	3.2	12.3	–	15.5
1998	25.4	26.6	13.7	112.0	28.8	154.5	6.0	6.1	3.4	12.5	W	15.8
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	26.4	12.8	113.9	27.1	153.8	6.1	6.2	W	W	–	15.7
April	26.9	28.1	NA	117.8	34.7	167.0	6.1	6.3	NA	12.4	–	15.6
May	26.7	27.8	NA	116.9	32.3	163.7	6.1	6.2	NA	12.3	–	15.5
June	26.8	27.9	NA	124.7	27.5	166.7	6.2	6.3	NA	NA	–	NA
July	28.3	29.7	15.7	125.5	19.8	161.0	6.6	6.8	3.5	12.7	–	16.2
August	26.3	27.3	14.5	125.0	19.1	158.5	5.9	6.0	3.2	12.4	–	15.7
September	24.4	25.5	13.6	122.7	21.2	157.5	5.5	5.6	3.0	12.1	–	15.1
October	24.5	25.5	12.8	119.2	23.3	155.4	5.5	5.6	2.9	11.8	–	14.7

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	4.2	21.1	2.5	27.7	33.2	34.7	19.4	133.1	32.7	185.2
February	5.1	5.3	4.4	21.6	1.7	27.8	35.0	36.5	20.4	137.9	31.5	189.8
March	5.6	5.8	4.7	23.1	2.0	29.8	37.6	39.1	21.5	144.4	29.7	195.5
April	5.1	5.4	4.8	23.7	3.1	31.6	34.9	36.4	22.5	148.7	39.1	210.3
May	5.2	5.4	4.9	24.3	3.0	32.2	35.7	37.2	22.9	150.7	35.7	209.3
June	5.3	5.5	W	25.5	3.4	33.9	36.4	37.9	23.3	157.8	38.6	219.7
July	5.8	6.1	5.0	26.9	2.6	34.5	39.6	41.1	23.2	161.7	33.2	218.1
August	5.9	6.2	5.0	26.2	2.9	34.1	39.4	41.1	22.9	156.0	31.1	210.0
September	5.7	6.0	4.8	25.5	2.6	32.8	37.6	39.2	21.6	151.6	26.3	199.5
October	5.8	6.0	4.9	24.8	2.4	32.0	38.9	40.5	22.8	150.4	25.2	198.5
November	5.7	5.9	4.5	24.3	3.0	31.8	37.1	38.5	20.4	143.8	25.8	189.9
December	6.0	6.3	4.7	26.5	3.4	34.5	37.8	39.1	20.7	149.9	29.4	200.0
1998	5.5	5.7	4.7	W	2.7	31.9	36.9	38.5	21.8	148.9	31.5	202.2
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	5.6	5.9	W	W	2.6	33.5	36.9	38.5	20.5	152.8	29.7	203.0
April	5.3	5.6	NA	24.1	3.6	32.2	38.4	39.9	NA	154.2	38.3	214.8
May	5.3	5.5	NA	24.4	3.4	32.4	38.2	39.6	NA	153.5	35.8	211.7
June	5.5	5.7	NA	26.1	NA	NA	38.6	39.9	NA	163.8	31.6	217.8
July	5.9	6.2	4.8	25.8	3.8	34.4	40.8	42.6	24.0	164.0	23.6	211.6
August	5.0	5.2	4.3	24.7	3.2	32.1	37.2	38.5	22.0	162.1	22.3	206.3
September	4.5	4.7	4.0	23.0	4.0	31.0	34.4	35.7	20.7	157.7	25.2	203.6
October	4.5	4.6	3.8	21.7	4.2	29.7	34.5	35.8	19.5	152.8	27.5	199.8

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	77.8	77.7	71.3	59.2	-	63.4	88.6	88.6	W	61.0	-	66.9
February	70.8	70.7	64.1	57.7	-	60.0	80.7	80.7	W	59.6	-	63.5
March	65.7	65.7	56.3	55.8	-	56.0	76.0	75.9	W	57.1	-	59.6
April	66.6	66.6	58.8	57.2	-	57.8	75.9	75.9	W	58.2	-	60.4
May	71.7	71.6	64.4	60.6	-	61.9	80.2	80.2	W	61.4	-	64.5
June	73.6	73.5	64.7	59.2	-	61.0	82.1	82.1	W	60.3	-	63.5
July	72.2	72.1	63.9	58.5	-	60.4	81.3	81.3	W	59.5	-	62.7
August	68.3	68.2	61.4	53.6	-	56.4	77.2	77.2	W	54.7	-	58.9
September	67.4	67.3	61.0	53.8	-	56.6	76.6	76.5	W	55.2	-	59.3
October	69.7	69.5	60.2	54.0	-	56.1	78.6	78.6	66.9	55.9	-	59.7
November	62.9	62.7	59.0	49.9	-	53.1	73.0	73.0	W	51.1	-	56.6
December	59.9	59.8	56.2	44.3	-	48.6	69.1	69.3	W	45.1	-	51.6
1998	68.8	68.7	61.5	54.5	-	57.1	78.3	78.3	68.1	56.1	-	60.2
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	67.8	56.1	-	60.7
April	83.8	83.7	NA	62.5	-	NA	90.1	90.1	NA	63.4	-	68.6
May	81.5	81.4	83.0	61.5	-	71.4	87.7	87.7	NA	62.3	-	67.3
June	79.8	79.8	NA	60.9	-	69.2	86.1	86.1	NA	61.9	-	NA
July	84.4	84.4	87.3	68.0	-	76.2	90.7	90.7	W	68.6	-	73.0
August	91.1	91.1	NA	73.9	-	82.4	97.2	97.2	W	74.2	-	79.0
September	93.5	93.5	90.5	77.3	-	82.8	101.6	101.5	W	77.9	-	81.9
October	88.5	88.5	85.8	73.8	-	79.4	98.3	98.2	W	73.4	-	79.2

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	98.3	98.3	85.3	W	—	74.5	81.8	81.7	73.9	60.4	—	65.2
February	90.5	90.4	78.5	W	—	71.1	74.2	74.1	66.8	58.8	—	61.7
March	84.6	84.6	70.8	W	—	66.9	68.5	68.5	59.1	56.7	—	57.8
April	85.1	85.1	75.1	W	—	67.8	69.3	69.2	61.3	57.9	—	59.0
May	89.1	89.1	80.6	W	—	72.0	74.2	74.1	67.0	61.1	—	63.2
June	90.7	90.7	79.6	W	—	69.9	76.1	76.0	67.1	59.8	—	62.1
July	89.1	89.1	78.5	W	—	70.5	74.8	74.6	66.4	59.1	—	61.6
August	84.9	84.9	75.5	W	—	66.8	70.9	70.7	64.0	54.2	—	57.8
September	85.3	85.3	75.9	W	—	68.1	70.2	70.1	63.9	54.7	—	58.3
October	87.5	87.5	73.1	62.1	—	67.3	72.8	72.6	63.5	55.2	—	58.2
November	81.4	81.4	72.1	W	—	65.6	66.9	66.7	62.5	51.4	—	55.6
December	78.2	78.1	69.8	W	—	60.7	63.7	63.6	59.3	45.5	—	50.7
1998	87.0	87.0	75.0	61.7	—	67.6	72.0	71.9	64.3	55.5	—	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	63.1	—	70.0	71.1	71.1	64.2	56.1	—	60.1
April	99.6	99.6	NA	69.6	—	NA	85.7	85.6	NA	63.2	—	NA
May	96.6	96.6	NA	68.3	—	NA	83.4	83.3	NA	62.1	—	71.8
June	94.9	94.9	NA	68.3	—	NA	81.8	81.7	NA	61.6	—	69.9
July	97.0	97.0	NA	W	—	86.3	86.1	86.1	88.3	68.7	—	76.7
August	105.1	105.1	NA	W	—	92.4	92.8	92.8	NA	74.5	—	82.9
September	110.5	110.5	NA	W	—	93.0	95.7	95.6	91.9	78.1	—	83.7
October	107.6	107.6	96.6	W	—	91.9	91.3	91.2	87.8	74.7	—	80.9

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: 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	0.9	-	1.4
February	3.0	3.0	2.7	5.0	-	7.7	0.6	0.6	W	0.9	-	1.3
March	2.4	2.4	2.4	3.1	-	5.5	0.3	0.3	W	0.6	-	1.0
April	1.7	1.7	1.5	2.7	-	4.2	0.3	0.3	W	0.6	-	0.8
May	1.6	1.6	1.4	2.6	-	4.1	0.2	0.2	W	0.5	-	0.7
June	1.6	1.6	1.5	3.1	-	4.6	0.2	0.2	W	0.6	-	0.8
July	1.5	1.5	1.5	2.9	-	4.4	0.2	0.2	W	0.6	-	0.8
August	1.5	1.5	1.6	2.7	-	4.3	0.2	0.2	W	0.6	-	0.8
September	1.6	1.6	2.0	3.1	-	5.2	0.3	0.3	W	0.7	-	1.0
October	1.6	1.6	2.3	4.4	-	6.7	0.3	0.3	0.4	0.8	-	1.2
November	2.5	2.5	3.0	5.5	-	8.5	0.6	0.6	W	0.9	-	1.5
December	2.5	2.6	3.3	5.8	-	9.1	0.6	0.6	W	0.9	-	1.5
1998	2.0	2.1	2.2	3.9	-	6.0	0.4	0.4	0.4	0.7	-	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	0.5	0.8	-	1.3
April	1.4	1.4	1.9	2.3	-	4.2	0.2	0.2	NA	0.7	-	0.9
May	1.4	1.4	2.0	2.3	-	4.3	0.2	0.2	NA	0.7	-	0.9
June	1.5	1.5	NA	2.7	-	4.7	0.2	0.2	NA	0.8	-	NA
July	1.6	1.6	2.1	2.8	-	4.8	0.2	0.2	W	W	-	1.0
August	1.6	1.6	1.9	2.8	-	4.7	0.2	0.2	W	W	-	0.9
September	1.6	1.6	2.3	3.2	-	5.5	0.2	0.2	W	W	-	1.0
October	1.9	1.9	3.6	4.0	-	7.6	0.3	0.3	W	W	-	1.2

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	NA	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	0.5	W	—	1.3	4.1	4.2	3.8	6.9	—	10.7
February	0.4	0.4	0.5	W	—	1.2	3.9	4.0	3.7	6.5	—	10.2
March	0.2	0.2	0.4	W	—	0.8	2.9	3.0	3.2	4.1	—	7.4
April	0.2	0.2	0.2	W	—	0.5	2.2	2.2	1.9	3.6	—	5.4
May	0.2	0.2	0.2	W	—	0.5	2.0	2.0	1.8	3.4	—	5.3
June	0.2	0.2	0.2	W	—	0.6	2.0	2.0	1.9	4.1	—	6.0
July	0.2	0.2	0.2	W	—	0.5	1.9	2.0	2.0	3.8	—	5.8
August	0.2	0.2	0.3	W	—	0.5	1.9	1.9	2.1	3.6	—	5.6
September	0.2	0.2	0.4	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	0.4	0.4	0.9	W	—	1.9	3.5	3.5	4.5	7.4	—	11.9
December	0.4	0.4	0.8	W	—	1.8	3.6	3.6	4.7	7.7	—	12.4
1998	0.3	0.3	0.4	0.5	—	1.0	2.7	2.7	3.0	5.1	—	8.1
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	NA	0.5	—	1.3	2.9	2.9	4.5	4.6	—	9.2
April	0.1	0.1	NA	0.2	—	NA	1.7	1.7	NA	3.2	—	5.6
May	0.1	0.1	NA	0.2	—	NA	1.7	1.7	NA	3.2	—	5.8
June	0.1	0.1	NA	0.2	—	NA	1.8	1.8	NA	3.7	—	6.4
July	0.2	0.2	W	W	—	0.6	2.0	2.0	2.6	3.8	—	6.4
August	0.1	0.1	W	W	—	0.6	1.9	1.9	2.5	3.7	—	6.2
September	0.1	0.1	W	W	—	0.8	1.9	1.9	2.9	4.3	—	7.2
October	0.2	0.2	W	W	—	1.2	2.4	2.4	4.7	5.3	—	10.1

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*. 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	74.2	74.0	69.6	56.6	55.4	62.7	83.0	82.8	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	54.0	72.9	72.7	63.2	55.0	W	60.8
April	65.9	65.7	59.9	54.5	54.2	57.1	75.4	75.3	65.5	58.8	W	63.6
May	71.5	71.2	65.8	57.2	53.3	60.7	80.7	80.5	71.3	61.5	W	68.5
June	70.2	69.9	64.8	53.6	49.4	58.5	79.9	79.7	70.4	58.3	W	66.8
July	68.3	68.0	62.9	51.8	47.6	56.2	78.5	78.3	68.8	56.4	W	64.9
August	66.5	66.2	60.7	47.9	46.3	53.8	76.9	76.7	66.5	52.5	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	65.8	54.9	NA	62.5
November	63.8	63.5	59.1	46.0	44.1	51.9	74.6	74.4	65.2	50.3	W	60.7
December	61.6	61.2	57.3	40.5	37.6	47.7	72.5	72.3	63.3	45.3	W	57.9
1998	66.8	66.5	61.6	50.9	48.4	55.7	76.9	76.7	67.3	55.3	W	63.8
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	67.8	67.5	62.0	52.0	50.0	56.4	77.1	76.9	67.3	55.9	W	63.9
April	87.2	86.8	NA	62.4	56.2	71.0	93.5	93.2	NA	65.5	NA	NA
May	82.8	82.5	NA	59.5	54.2	67.5	90.7	90.5	NA	64.4	NA	NA
June	77.1	76.8	NA	NA	59.2	NA	86.7	86.5	NA	NA	NA	NA
July	81.0	80.8	76.9	69.1	69.1	72.8	90.7	90.5	82.1	72.9	W	79.3
August	89.1	89.0	84.3	72.8	72.8	78.2	97.9	97.7	89.1	77.2	W	85.3
September	88.5	88.2	83.3	73.9	68.5	77.5	98.0	97.8	89.0	78.5	W	85.6
October	86.6	86.3	82.2	70.4	67.3	75.2	96.5	96.3	88.0	75.2	W	84.0

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	91.1	90.9	81.7	W	58.8	75.5	78.7	78.4	73.4	58.5	55.8	66.3
February	85.8	85.6	75.4	W	53.2	70.2	72.4	72.2	66.7	55.7	52.5	61.4
March	81.2	81.0	70.7	W	50.8	65.8	67.6	67.4	61.7	52.9	50.1	57.4
April	83.4	83.2	72.8	W	57.8	68.7	70.6	70.4	64.0	56.5	54.9	60.4
May	88.0	87.8	77.6	W	57.5	72.4	76.0	75.7	69.6	59.2	54.0	64.1
June	87.3	87.1	76.8	W	54.5	71.3	74.9	74.6	68.7	55.8	50.2	62.3
July	87.0	86.7	75.3	W	52.4	69.5	73.3	73.0	66.9	54.1	48.1	60.1
August	84.7	84.4	73.4	W	49.4	66.6	71.5	71.2	64.8	50.2	46.8	57.6
September	83.3	83.0	72.1	W	48.8	65.5	70.0	69.7	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	82.2	81.9	71.8	W	46.9	64.3	69.0	68.7	63.4	48.1	44.6	55.8
December	80.0	79.7	69.7	W	42.0	61.0	66.8	66.4	61.4	42.6	38.3	51.8
1998	84.7	84.5	74.1	W	51.6	68.0	71.7	71.4	65.7	52.9	48.9	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	82.9	72.4	W	52.6	66.7	72.1	71.7	65.4	53.8	50.4	59.5
April	98.8	98.4	NA	68.8	60.6	NA	90.0	89.6	NA	63.8	57.0	73.4
May	98.2	97.8	NA	68.3	NA	NA	86.6	86.2	NA	61.5	54.5	NA
June	94.4	94.0	NA	NA	NA	NA	81.4	81.1	NA	NA	59.8	NA
July	98.0	97.7	89.4	W	71.0	83.9	85.2	85.0	80.5	70.9	69.4	75.7
August	105.5	105.2	96.4	W	72.7	89.4	93.0	92.8	87.7	74.7	72.8	81.2
September	106.6	106.2	97.2	W	73.6	90.5	92.8	92.4	87.2	75.9	69.4	80.9
October	104.9	104.7	96.8	W	69.6	88.1	91.0	90.7	86.3	72.4	67.8	78.6

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	13.5	13.8	27.2	21.1	8.3	56.6	3.7	3.7	7.2	2.8	W	10.0
February	14.3	14.6	28.1	22.1	7.5	57.7	3.6	3.7	7.3	2.9	W	10.2
March	14.6	14.9	28.8	22.7	6.9	58.4	3.7	3.7	7.4	3.0	W	10.4
April	13.2	13.4	29.0	22.1	7.9	59.0	3.4	3.4	7.4	2.9	W	10.3
May	13.1	13.3	29.1	22.7	9.0	60.8	3.4	3.4	7.4	3.0	W	10.5
June	13.4	13.7	29.5	23.3	7.5	60.4	3.5	3.5	7.5	3.2	W	10.7
July	15.5	15.9	29.5	23.9	10.3	63.7	4.0	4.0	7.6	3.4	W	11.0
August	15.4	15.6	29.3	24.4	7.7	61.4	4.0	4.0	7.5	3.4	W	10.9
September	15.4	15.7	28.7	23.6	9.3	61.6	4.0	4.0	7.4	3.2	W	10.5
October	14.3	14.6	28.4	23.6	7.8	59.7	3.9	3.9	7.4	3.1	NA	10.6
November	13.9	14.1	27.3	22.7	7.8	57.8	3.8	3.9	7.2	3.1	W	10.3
December	14.4	14.7	27.9	24.1	9.1	61.1	3.9	4.0	7.3	3.1	W	10.4
1998	14.3	14.5	28.6	23.0	8.3	59.9	3.7	3.8	7.4	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	24.2	8.5	61.8	3.7	3.8	7.1	W	W	10.1
April	15.2	15.6	NA	24.1	9.4	63.7	3.6	3.6	NA	2.9	NA	NA
May	15.5	15.8	NA	25.2	10.8	66.2	3.7	3.7	NA	3.1	NA	NA
June	16.4	16.7	NA	NA	12.0	NA	3.9	3.9	NA	NA	NA	NA
July	15.6	16.0	32.0	26.7	10.2	68.9	3.8	3.8	7.3	W	W	10.6
August	15.7	16.0	31.5	27.0	8.0	66.4	3.7	3.7	6.9	W	W	10.2
September	14.8	15.1	30.7	27.0	9.0	66.7	3.5	3.6	6.8	W	W	10.0
October	15.0	15.3	30.7	27.4	11.2	69.3	3.6	3.6	6.9	W	W	9.9

See footnotes at end of table.

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

Year Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total ^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	1.0	17.3	20.8	21.1	45.6	29.0	9.4	84.0
February	3.7	3.7	11.8	W	1.1	18.3	21.7	22.0	47.3	30.3	8.6	86.2
March	3.8	3.9	12.3	W	1.8	19.6	22.1	22.4	48.5	31.2	8.6	88.3
April	3.6	3.6	12.2	W	1.7	19.5	20.1	20.4	48.5	30.6	9.8	88.9
May	3.6	3.6	12.0	W	1.8	19.6	20.0	20.3	48.6	31.5	10.8	90.9
June	3.7	3.7	12.4	W	1.2	19.6	20.6	20.9	49.4	32.4	8.8	90.6
July	4.1	4.2	12.6	W	1.1	20.2	23.7	24.1	49.7	33.7	11.5	94.9
August	4.2	4.2	12.6	W	1.6	20.7	23.5	23.9	49.4	34.2	9.4	93.0
September	4.1	4.2	12.5	W	2.2	21.0	23.5	23.9	48.6	33.0	11.5	93.1
October	3.9	4.0	12.4	6.2	2.0	20.7	22.1	22.5	48.2	32.9	9.8	91.0
November	3.8	3.9	12.3	W	1.9	20.3	21.5	21.8	46.8	31.9	9.7	88.4
December	3.9	4.0	12.5	W	1.5	20.6	22.3	22.6	47.7	33.7	10.7	92.0
1998	3.8	3.9	12.2	W	1.6	19.8	21.8	22.2	48.2	32.0	9.9	90.1
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	3.8	12.1	W	W	20.2	21.8	22.2	48.2	33.7	10.1	92.0
April	3.5	3.5	NA	5.7	2.0	NA	22.3	22.7	NA	32.6	11.4	91.7
May	3.6	3.7	NA	6.1	NA	NA	22.8	23.2	NA	34.4	13.0	NA
June	3.8	3.9	NA	NA	NA	NA	24.1	24.5	NA	NA	13.7	NA
July	3.6	3.6	11.8	W	W	19.9	23.0	23.4	51.2	36.5	11.8	99.5
August	3.4	3.5	10.9	W	W	18.8	22.7	23.1	49.3	36.6	9.5	95.4
September	3.2	3.3	10.8	W	W	18.8	21.5	21.9	48.4	36.3	10.8	95.4
October	3.3	3.4	11.0	W	W	19.6	21.9	22.3	48.6	36.5	13.7	98.8

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	93.5	86.5	74.3	66.0	32.2	69.9	84.2	36.5
February	95.0	87.5	70.8	64.6	30.8	68.9	83.5	34.1
March	92.3	85.3	69.0	63.1	28.3	68.8	81.3	32.1
April	93.2	84.4	72.0	63.5	28.7	71.6	79.3	31.1
May	93.3	85.0	70.2	62.4	28.1	75.4	76.8	30.1
June	90.4	84.2	69.9	61.4	25.1	71.8	75.5	27.5
July	86.2	82.5	68.3	58.7	24.7	68.2	74.0	26.6
August	81.9	78.7	67.1	59.3	24.3	64.5	70.5	26.5
September	81.4	77.6	65.9	57.6	24.3	59.7	71.2	26.9
October	82.6	74.0	66.3	NA	25.9	56.0	71.0	28.5
November	84.4	75.3	68.1	77.6	26.0	60.0	74.9	28.4
December	84.9	75.4	67.8	77.2	21.5	61.2	74.9	26.4
1998	88.8	81.6	69.2	67.6	27.0	64.7	77.4	29.7
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	87.6	76.0	68.7	78.7	23.3	63.2	77.0	27.7
April	87.8	78.1	70.5	80.7	27.6	65.4	74.9	29.6
May	90.1	80.2	70.6	83.0	26.7	69.2	75.9	29.9
June	90.5	80.6	71.5	W	30.9	68.0	74.8	30.4
July	83.9	81.4	73.0	86.5	36.1	67.2	72.0	35.8
August	82.0	81.0	74.7	W	40.0	67.4	69.6	39.4
September	84.5	81.6	75.8	W	41.7	65.6	75.1	42.3
October	91.1	83.7	79.5	W	45.6	65.4	81.3	45.3

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

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

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

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

Table 15. U.S. No. 2 Distillate^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	59.3	61.6	66.0	65.5	69.6	51.0
February	91.6	57.4	59.9	63.2	63.3	67.4	49.4
March	89.6	54.8	57.4	61.1	61.7	64.2	46.9
April	87.7	55.5	58.5	61.5	63.5	62.4	48.5
May	84.9	54.2	57.4	61.7	63.0	60.2	47.3
June	81.2	50.9	54.6	59.0	59.6	56.8	43.9
July	77.7	50.0	53.8	57.9	57.4	55.4	42.7
August	75.5	48.9	52.4	56.2	56.9	54.2	41.3
September	77.0	51.6	55.2	58.2	59.8	57.0	45.5
October	78.6	52.1	55.3	58.7	60.4	58.2	45.2
November	79.9	50.0	52.9	56.6	57.2	57.6	41.8
December	78.9	46.2	48.8	52.3	52.6	55.4	36.6
1998	85.2	52.5	55.6	59.3	60.0	59.9	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	80.9	50.5	53.6	55.0	55.8	58.9	43.3
April	82.9	55.0	57.9	63.2	62.1	62.0	48.2
May	82.1	54.3	57.1	63.0	62.8	60.6	47.4
June	80.8	56.5	58.3	63.6	64.9	61.5	49.9
July	81.6	61.1	63.7	68.8	68.3	66.0	56.0
August	83.5	65.6	68.7	73.7	74.4	70.9	60.9
September	90.1	69.2	72.8	77.5	77.5	75.0	64.6
October	94.7	69.5	72.3	78.6	80.0	76.7	64.7
November ^d	^E 100.4	NA	NA	^E 81.5	NA	NA	^E 67.8

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	62.0	66.0	65.7	62.1	50.9
February	55.4	60.1	63.2	63.4	59.9	49.3
March	52.9	57.7	61.1	61.7	57.7	46.9
April	54.7	59.0	61.5	63.7	59.0	49.3
May	54.0	58.0	61.7	63.9	58.9	48.3
June	50.8	55.1	59.0	60.3	55.8	44.6
July	49.8	54.6	57.9	58.0	54.6	43.5
August	48.8	53.1	56.2	57.7	53.4	42.2
September	51.4	55.8	58.2	60.3	55.7	46.2
October	51.7	55.9	58.7	60.8	56.2	46.2
November	49.1	53.5	56.6	57.5	53.5	42.4
December	44.7	49.3	52.3	52.8	49.2	36.7
1998	51.6	56.2	59.3	60.4	56.2	45.4
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	54.2	55.0	56.0	53.0	44.5
April	54.9	58.4	63.2	62.4	59.6	49.2
May	54.4	57.6	63.0	63.2	59.6	48.3
June	57.0	58.8	63.6	65.6	61.1	51.0
July	61.8	64.0	68.8	69.8	66.0	57.0
August	66.4	69.0	73.7	75.5	71.0	61.9
September	69.5	72.9	77.5	78.0	74.3	65.3
October	69.7	72.6	78.6	80.4	75.3	65.6
November ^c	NA	NA	^E 81.5	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	57.3	61.4	66.0	65.3	62.6	51.3	56.6	62.7	66.3	60.3	49.1
February	55.3	59.2	63.2	63.3	60.2	49.6	55.4	61.1	63.7	58.8	47.9
March	53.0	57.1	61.1	61.7	58.1	47.2	52.8	58.3	61.6	56.2	45.1
April	54.6	58.4	61.5	63.6	59.1	49.7	54.8	59.7	63.8	58.6	46.8
May	53.8	57.9	61.7	63.8	59.0	48.8	54.4	58.2	64.1	58.5	45.5
June	50.7	54.2	59.0	60.3	56.0	45.0	50.9	56.3	60.3	55.1	42.4
July	49.8	53.8	57.9	57.9	54.9	43.8	50.0	55.5	58.2	53.7	41.6
August	48.5	53.1	56.2	57.3	53.6	42.4	49.5	53.2	58.3	52.8	40.7
September	51.6	55.9	58.2	60.1	55.9	46.6	50.8	55.8	60.5	54.8	44.0
October	51.5	56.0	58.7	60.4	56.2	46.5	52.4	55.9	61.4	56.1	44.8
November	49.0	53.2	56.6	57.1	53.8	42.7	49.2	54.0	58.2	52.7	40.6
December	44.6	49.0	52.3	51.8	49.4	36.9	45.0	49.7	54.4	48.5	35.7
1998	51.5	55.7	59.3	60.1	56.5	45.7	51.8	56.7	60.8	55.5	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	53.5	55.0	55.6	53.3	44.9	48.2	55.1	56.6	52.0	41.5
April	56.6	58.4	63.2	63.7	60.8	49.7	51.6	58.5	60.5	55.4	46.3
May	55.7	57.9	63.0	64.0	60.6	48.6	51.8	57.1	62.2	55.9	46.1
June	58.7	58.6	63.6	67.5	62.1	51.6	53.7	59.2	62.6	57.2	47.2
July	63.2	63.6	68.8	71.2	67.0	57.5	58.9	64.7	67.3	62.3	53.4
August	67.5	68.7	73.7	77.8	72.0	62.3	64.1	69.5	71.9	67.5	58.6
September	70.4	72.1	77.5	78.9	75.1	65.7	67.5	74.0	76.6	71.7	62.9
October	70.5	71.8	78.6	81.0	76.0	65.9	68.0	73.8	79.3	72.5	63.0
November ^d	NA	NA	^E 81.5	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	93.5	90.7	88.0	88.8	86.6	93.3	92.5	92.4	111.0
February	91.6	92.8	90.1	85.1	87.7	86.7	92.6	91.6	91.9	110.0
March	89.6	90.8	88.0	82.3	86.7	84.1	90.1	92.1	90.6	104.9
April	87.7	88.6	85.8	81.6	83.5	81.3	88.9	89.1	88.5	100.3
May	84.9	85.9	83.2	80.3	81.9	79.4	87.2	86.7	82.3	NA
June	81.2	82.1	78.1	78.6	78.5	75.6	84.4	84.3	79.8	89.8
July	77.7	78.4	74.4	76.0	76.2	70.5	83.3	81.4	74.1	84.0
August	75.5	76.1	71.4	74.3	74.0	68.5	78.6	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	81.7	82.4	76.4	W
November	79.9	80.6	77.0	73.3	74.7	72.3	80.4	82.0	82.4	W
December	78.9	79.6	77.1	70.9	74.3	71.4	79.9	81.7	80.9	W
1998	85.2	86.2	83.1	78.8	81.8	78.8	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	80.9	81.4	77.9	74.2	76.1	70.4	79.3	79.5	82.9	W
April	82.9	83.1	80.0	79.2	76.9	70.2	79.2	80.2	88.8	W
May	82.1	82.3	77.3	79.2	78.1	69.1	78.8	79.6	NA	W
June	80.8	81.0	75.1	77.4	76.6	68.5	78.2	78.3	77.0	W
July	81.6	81.6	78.0	79.8	77.5	69.7	79.0	79.9	76.3	W
August	83.5	82.7	79.8	83.0	80.3	74.5	81.2	82.2	78.1	W
September	90.1	89.6	85.2	88.9	86.1	82.0	90.6	88.0	85.0	W
October	94.7	94.7	90.8	91.6	91.0	87.9	93.1	92.2	90.5	W
November ^a	^E 100.4	^E 100.5	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	96.5	101.4	89.2	92.1	91.1	82.6	80.4	79.9	85.9
February	98.8	95.8	101.0	88.5	91.4	88.9	80.6	79.7	78.9	84.2
March	96.8	92.9	98.3	86.2	89.6	88.5	79.6	77.2	77.9	83.3
April	93.1	91.7	97.1	84.0	88.4	86.8	79.2	74.4	77.0	81.8
May	89.0	89.6	95.0	82.1	83.8	82.1	76.7	70.0	73.2	81.5
June	85.8	83.9	92.2	75.7	82.4	79.8	74.0	NA	72.1	79.3
July	81.2	79.0	89.0	70.1	81.4	73.3	72.8	70.7	69.7	76.5
August	79.4	77.1	83.7	69.9	79.0	72.6	70.8	NA	71.0	74.5
September	81.7	80.3	85.2	71.7	80.1	72.6	72.6	66.2	72.5	75.9
October	80.3	82.3	88.0	74.1	80.3	76.9	73.8	69.8	73.0	77.3
November	82.1	83.5	89.3	76.6	81.2	76.8	73.1	70.8	71.9	77.9
December	80.3	82.6	88.5	76.0	79.9	73.8	71.3	66.6	69.3	77.9
1998	90.2	89.2	94.8	81.4	85.6	81.8	76.5	73.5	74.8	80.4
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	86.9	83.3	90.5	77.3	81.6	78.4	73.8	67.9	73.8	77.5
April	86.9	88.6	94.2	75.8	85.0	71.9	76.5	63.7	76.0	81.5
May	84.5	87.0	95.5	75.3	84.2	71.2	75.3	60.5	72.9	NA
June	81.8	84.4	96.1	73.8	83.2	66.2	74.4	57.9	74.0	NA
July	84.4	85.1	95.1	73.4	84.1	69.5	77.9	62.8	76.3	NA
August	85.9	88.3	NA	74.6	84.8	75.7	84.5	80.5	84.5	NA
September	92.4	95.1	98.7	81.7	88.8	79.5	89.8	85.6	91.7	NA
October	96.0	100.8	105.6	86.0	94.1	NA	92.6	89.0	91.5	NA
November ^a	NA	NA	NA	NA	NA	NA	96.8	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	82.2	85.4	66.2	83.2	84.9	98.6	NA	93.6	104.6
February	78.1	80.9	83.6	64.7	79.4	80.8	94.7	87.4	89.3	100.8
March	77.2	79.5	83.0	62.3	76.9	78.6	92.7	86.5	85.8	98.9
April	77.8	79.5	81.6	63.0	79.1	79.6	92.7	86.8	86.2	98.8
May	72.6	78.8	80.5	61.2	76.9	78.1	90.9	86.2	85.2	97.3
June	68.8	75.1	78.8	W	75.1	74.9	86.3	85.8	82.2	89.9
July	69.4	72.7	77.8	56.2	73.0	NA	83.2	81.8	82.2	86.5
August	68.2	70.1	75.5	55.1	77.3	79.6	84.5	82.5	84.4	87.7
September	70.5	72.3	74.9	59.8	78.2	78.4	86.4	83.4	83.7	90.2
October	70.7	74.4	76.8	57.9	78.6	78.8	89.2	84.4	84.1	94.9
November	70.3	73.4	76.6	55.6	77.0	76.4	89.4	82.7	82.4	97.1
December	67.9	71.6	74.6	51.9	71.0	71.1	88.5	82.6	81.9	95.0
1998	73.8	76.7	80.1	59.1	77.6	78.4	91.4	85.2	86.1	97.8
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	69.6	76.6	76.4	52.2	71.7	71.0	93.6	84.7	87.3	101.6
April	73.5	76.5	77.8	NA	NA	NA	104.3	NA	97.5	111.4
May	72.5	76.1	77.3	59.5	75.2	76.0	101.1	96.0	95.3	107.3
June	72.4	77.4	76.4	NA	76.6	75.6	103.2	97.3	104.8	110.3
July	74.0	78.9	79.8	65.0	78.9	NA	103.0	99.2	103.4	110.2
August	81.6	80.3	86.9	NA	82.5	81.5	NA	NA	102.9	108.3
September	85.4	86.9	91.5	73.8	86.4	89.7	106.3	103.9	100.6	111.1
October	89.8	89.9	95.0	NA	85.2	86.0	109.4	108.6	101.5	113.7
November ^a	NA	NA	NA	^E 72.0	NA	NA	^E 111.9	NA	NA	NA

Dash (—) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

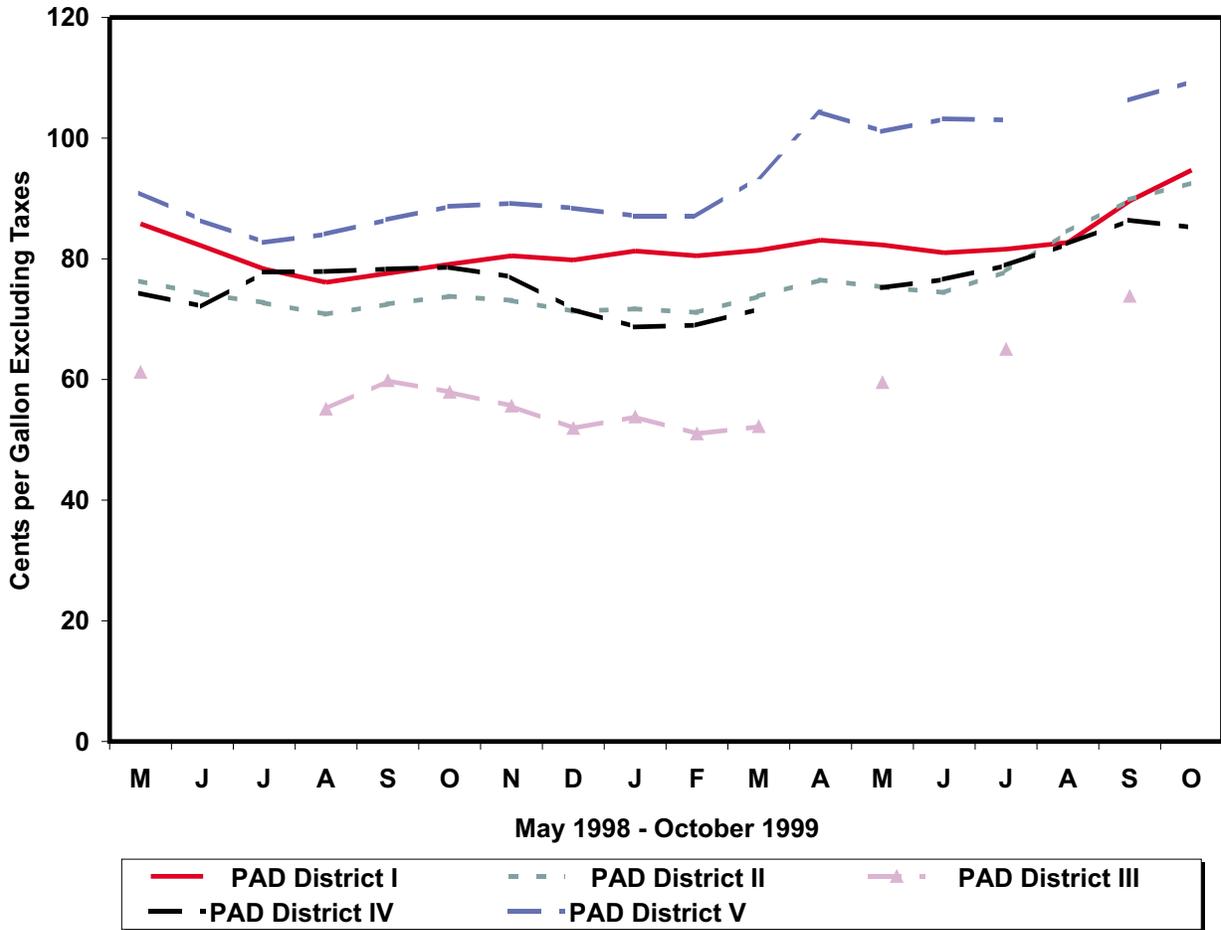
E = Estimated data.

^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)

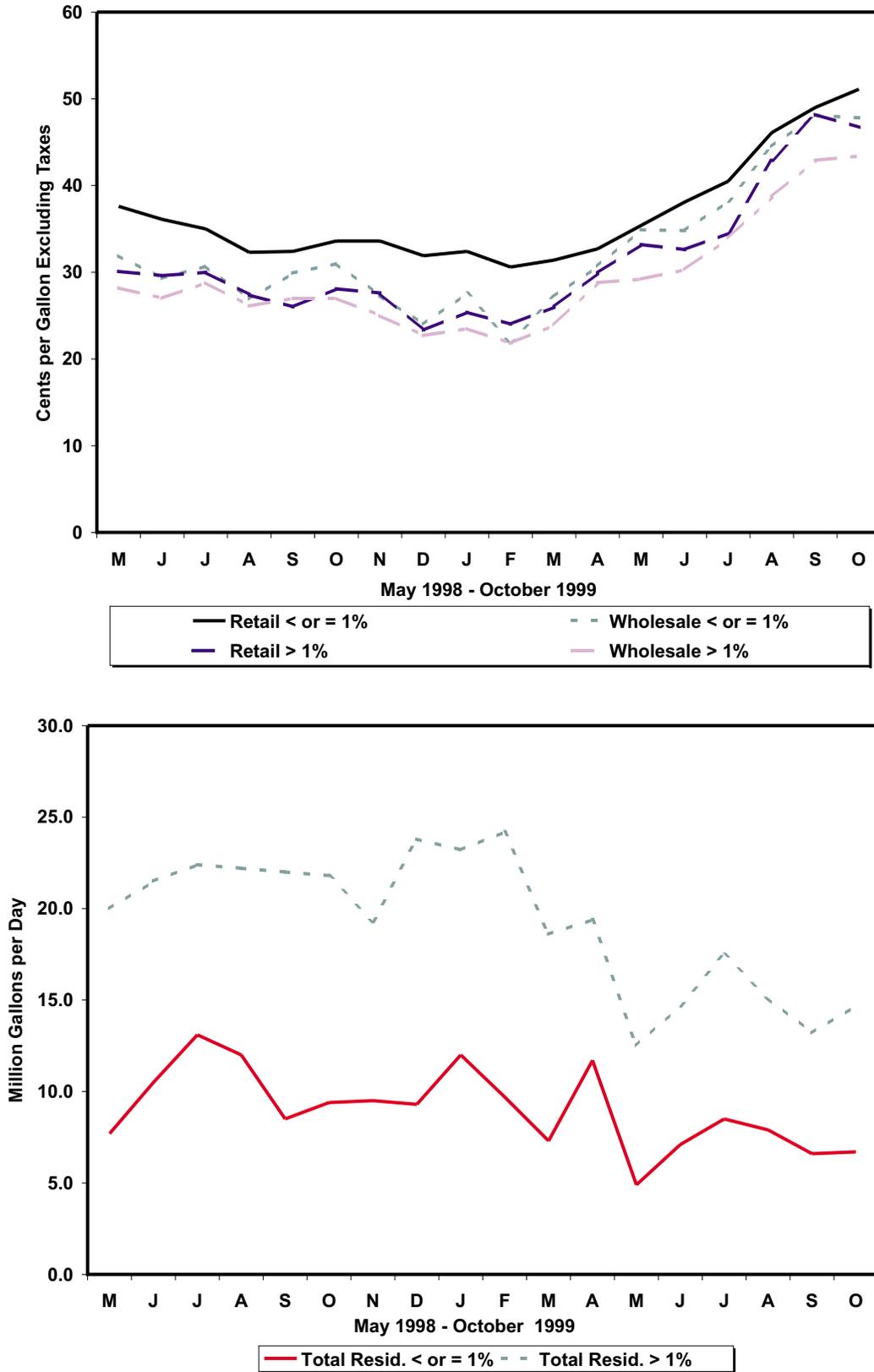
Year Month	Sulfur Less Than or Equal to 1 Percent		Sulfur Greater Than 1 Percent		Average	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
1978	31.4	29.3	27.5	24.5	29.8	26.3
1979	46.8	45.0	38.9	36.6	43.6	39.9
1980	67.5	60.8	52.3	47.9	60.7	52.8
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	32.6	28.9	35.4	31.1
February	39.6	30.7	30.6	26.7	32.7	28.3
March	35.6	29.4	26.0	24.1	28.6	26.4
April	35.9	32.9	30.5	28.7	31.8	30.3
May	37.6	31.9	30.1	28.3	31.9	29.5
June	36.1	29.3	29.6	27.0	31.3	27.9
July	35.1	30.7	30.0	28.7	31.5	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	28.2
November	33.6	27.3	28.9	25.1	30.5	26.0
December	31.9	24.0	24.5	23.0	26.8	23.3
1998	35.4	29.9	28.7	26.9	30.5	28.0
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	26.0	23.9	27.5	24.9
April	32.7	30.7	29.9	28.8	30.9	29.5
May	NA	34.9	33.2	29.2	34.6	32.1
June	38.1	34.8	32.6	30.3	34.3	31.9
July	40.5	38.2	34.5	33.9	36.1	35.6
August	46.1	44.5	42.9	38.7	43.6	42.1
September	49.0	48.1	48.2	42.9	48.3	45.5
October	51.1	47.8	46.7	43.4	47.8	45.1

NA = Not available.

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	9.1	15.5	13.9
February	3.1	4.1	10.4	6.0	13.5	10.0
March	4.2	5.5	11.2	7.2	15.5	12.7
April	3.5	6.5	10.8	11.1	14.3	17.6
May	3.0	4.7	9.9	10.0	13.0	14.8
June	3.7	6.8	10.2	11.3	13.8	18.2
July	4.9	8.6	11.6	10.8	16.5	19.3
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	14.1	17.2
November	4.1	5.0	7.7	8.0	11.8	12.9
December	4.4	4.9	9.7	8.9	14.1	13.7
1998	3.9	5.7	10.5	9.6	14.4	15.4
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
April	5.0	6.7	9.1	10.3	14.1	17.0
May	NA	4.9	7.8	4.7	14.7	9.6
June	3.6	3.5	8.2	6.5	11.8	10.1
July	4.1	4.4	10.6	6.9	14.7	11.3
August	3.3	4.6	11.8	3.3	15.2	7.8
September	2.4	4.2	8.9	4.3	11.3	8.4
October	3.4	3.3	9.5	5.2	13.0	8.5

NA = Not available.

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	18.80	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	13.45	13.92	15.41	15.59	15.84	14.06	14.67	15.29	15.01	14.60	14.01	14.80	13.84
February	12.17	13.01	14.65	14.70	15.24	13.22	14.00	14.53	14.19	13.90	13.31	14.08	13.15
March	11.15	11.86	13.85	W	14.21	12.42	12.93	13.60	13.29	12.85	12.41	13.08	12.09
April	11.28	12.09	13.97	W	14.63	12.94	13.26	13.73	13.45	13.18	12.65	13.44	12.47
May	11.13	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	10.44	11.02	12.78	W	13.37	11.49	11.70	12.19	11.86	11.56	11.17	11.96	10.77
August	10.20	10.66	12.20	W	12.66	10.96	11.20	11.69	11.45	10.96	10.54	11.19	10.22
September	11.29	11.95	13.36	W	14.04	12.21	12.73	13.10	12.74	12.50	12.04	12.72	11.79
October	11.32	11.72	13.14	W	13.67	11.93	12.21	12.61	12.33	12.03	11.40	12.18	11.24
November	9.64	10.33	12.12	W	12.61	10.89	10.81	11.12	10.79	10.54	9.94	10.65	9.70
December	8.03	8.77	10.49	W	10.97	9.00	9.29	9.79	9.61	8.98	8.26	8.99	8.63
1998	10.87	11.51	13.21	13.66	13.67	11.95	12.29	12.78	12.49	12.19	11.67	12.39	11.50
1999													
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	10.75	11.55	12.51	W	13.50	11.63	12.74	12.83	12.50	12.47	11.76	12.86	12.33
April	12.84	13.94	14.94	W	16.14	14.44	15.14	15.42	15.00	15.05	14.22	14.92	14.96
May	13.84	14.75	15.91	W	16.92	15.28	15.85	16.04	15.58	15.65	14.69	15.34	15.61
June	14.34	15.00	16.09	W	16.91	15.20	16.14	16.19	15.72	15.95	14.92	15.60	15.77
July	16.13	16.86	18.08	W	19.00	17.34	18.09	17.81	18.17	17.93	17.00	17.73	17.94
August	17.58	18.29	19.27	W	22.09	18.46	19.17	19.40	19.29	19.02	18.59	18.95	19.03
September	20.10	20.71	21.57	W	22.53	20.76	21.60	21.75	21.59	21.55	20.88	21.28	21.50
October	19.63	20.28	21.02	W	22.00	20.00	20.91	20.72	20.72	20.55	19.86	20.84	20.40

See footnotes at end of table.

Table 21. Domestic Crude Oil First Purchase Prices

(Dollars per Barrel) — Continued

Year Month	PAD District II (Continued)				PAD District III								Federal Offshore Gulf
	ND	OH	OK	SD	Average	AL	AR	LA	MS	NM	TX		
1978	9.75	13.80	11.30	12.16	9.37	10.52	10.63	9.03	7.91	10.17	9.29	9.86	
1979	13.64	22.79	17.53	15.35	12.33	11.97	14.72	11.42	10.74	14.33	12.65	11.23	
1980	26.42	36.64	29.25	28.81	21.24	20.57	24.17	19.87	20.85	24.06	21.84	18.87	
1981	35.63	36.11	35.43	35.55	35.00	35.80	33.69	35.45	30.47	35.04	35.06	35.07	
1982	31.89	30.90	32.04	31.63	31.92	32.32	30.12	32.44	29.04	31.82	31.77	32.61	
1983	29.27	28.14	29.67	29.10	29.45	30.07	28.28	30.02	26.76	29.26	29.35	29.77	
1984	28.39	27.71	29.11	28.36	29.03	29.39	28.15	29.67	27.26	28.69	28.87	29.36	
1985	25.32	25.11	26.28	25.79	26.91	25.77	25.79	27.22	25.51	26.84	26.80	27.33	
1986	13.54	15.51	14.47	13.81	14.89	13.91	14.54	15.32	13.63	14.93	14.73	15.27	
1987	16.76	17.42	17.62	16.96	17.57	16.80	17.23	17.97	16.78	17.57	17.55	17.54	
1988	13.85	15.19	14.86	14.04	14.75	13.86	14.41	15.22	13.98	14.78	14.71	14.71	
1989	17.12	18.06	18.23	17.33	17.86	17.27	17.34	18.39	17.00	17.86	17.81	17.83	
1990	21.94	23.09	22.95	22.32	22.42	22.09	21.56	23.04	21.06	22.44	22.37	22.40	
1991	18.80	19.59	19.59	19.21	19.23	19.05	18.06	20.14	17.65	19.35	19.04	19.41	
1992	18.02	18.96	18.74	18.19	18.37	18.22	17.33	19.00	16.70	18.55	18.32	18.35	
1993	15.42	17.44	16.47	15.39	16.23	16.21	15.03	16.90	14.59	16.44	16.19	16.15	
1994	14.08	15.98	15.33	14.24	14.97	15.00	13.74	15.60	13.45	15.32	14.98	14.75	
1995	15.58	16.67	16.68	15.53	16.38	16.35	14.84	17.06	14.76	16.74	16.38	16.17	
1996	19.46	19.96	20.60	19.56	20.29	20.24	18.67	20.88	18.95	20.79	20.31	20.03	
1997													
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	14.69	14.73	13.57	15.22	13.08	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	12.33	13.12	13.72	W	12.81	12.60	12.12	13.01	11.04	13.33	13.04	12.43	
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	11.18	11.10	9.90	11.59	8.89	11.28	11.30	11.03	
September	11.87	12.41	13.30	W	12.52	12.43	11.36	13.15	10.45	12.77	12.59	12.31	
October	11.48	12.06	12.65	W	12.26	12.02	10.90	12.57	9.94	12.40	12.42	12.05	
November	10.18	11.07	11.25	12.77	10.91	10.65	9.48	11.03	8.91	10.89	10.89	11.04	
December	8.62	9.22	9.74	W	9.31	9.15	7.82	9.75	7.71	9.08	9.20	9.48	
1998	11.39	12.20	12.73	12.29	12.19	12.08	11.10	12.59	10.33	12.36	12.28	12.03	
1999													
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	11.72	11.71	13.41	10.57	12.16	11.44	11.15	12.43	10.50	12.61	12.47	11.70	
April	14.24	14.32	15.68	W	14.53	13.71	13.75	15.07	12.70	14.98	15.10	13.70	
May	15.20	15.18	16.36	W	15.33	14.69	14.34	15.83	13.30	15.79	15.79	14.66	
June	15.33	15.06	16.84	W	15.72	14.92	14.57	16.09	13.52	15.98	15.94	15.43	
July	17.38	17.12	18.76	W	17.54	16.85	16.70	18.25	15.75	18.05	17.92	16.93	
August	18.68	18.27	19.58	19.11	18.93	18.42	17.85	19.89	17.01	19.29	19.26	18.32	
September	20.86	20.60	22.13	21.56	21.36	22.17	20.26	22.34	19.35	21.65	21.75	20.61	
October	20.64	19.84	21.41	21.12	20.87	20.24	19.44	21.35	18.35	21.05	21.00	20.72	

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	13.73	15.10	13.72	14.84	12.96	11.46	11.67	W	11.53	9.11
February	13.09	14.35	13.10	14.17	12.34	9.46	9.15	W	10.27	7.53
March	11.92	13.35	12.08	12.93	11.09	8.66	8.48	W	9.25	6.52
April	12.31	13.52	12.40	13.47	11.54	8.63	8.14	11.40	9.56	6.84
May	11.93	12.99	11.82	13.08	11.19	8.68	8.38	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	11.49	12.42	11.27	12.73	10.93	9.95	9.89	12.46	10.36	8.02
November	10.06	10.74	9.94	11.04	9.64	7.77	7.16	10.48	8.87	6.76
December	8.56	9.65	8.48	9.25	8.10	6.17	5.46	W	7.46	5.01
1998	11.38	12.56	11.28	12.52	10.70	8.80	8.47	11.55	9.55	6.99
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	12.74	11.70	12.87	11.77	8.49	7.86	W	9.37	7.35
April	14.61	15.24	14.25	15.42	14.34	9.92	8.57	W	11.73	9.10
May	15.36	15.91	14.91	16.00	15.16	11.34	10.45	W	12.61	10.51
June	15.56	16.32	15.26	15.88	15.36	11.94	11.68	W	12.38	10.37
July	17.61	18.13	17.14	18.38	17.39	13.61	13.22	W	14.25	12.18
August	18.61	19.00	18.26	19.31	18.43	15.27	14.77	W	15.88	14.21
September	21.24	22.06	21.09	21.56	20.97	17.83	17.46	W	18.25	16.86
October	20.41	21.17	20.11	21.37	20.05	17.62	17.20	W	18.42	15.80

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	11.67	10.52	10.64	W	15.21	13.88	15.28	13.88	10.34
February	9.15	8.97	9.11	W	14.36	13.22	14.68	13.04	9.50
March	8.48	7.79	8.06	W	12.99	12.11	13.49	11.84	8.44
April	8.14	8.18	8.42	W	12.92	12.52	13.81	12.04	8.88
May	8.38	8.16	8.37	W	12.97	11.88	13.32	11.85	8.45
June	7.74	7.50	7.62	W	11.56	10.49	11.83	10.65	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	9.69	W	12.76	11.57	12.95	11.83	8.88
November	7.16	7.95	8.14	W	10.98	10.54	11.39	10.24	7.79
December	5.46	7.39	6.74	W	9.83	9.05	9.69	8.60	6.42
1998	8.47	8.48	8.59	9.11	12.55	11.62	12.89	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	7.86	8.65	8.83	W	12.33	12.06	12.97	11.91	10.10
April	8.57	10.93	11.19	W	14.91	14.59	15.68	14.41	12.56
May	10.45	11.71	11.86	W	15.58	15.59	16.31	15.15	13.52
June	11.68	11.22	11.48	W	15.88	15.75	16.53	15.16	13.81
July	13.22	13.20	13.54	W	18.18	17.76	18.43	17.27	15.83
August	14.77	14.89	15.28	W	19.71	18.84	19.77	18.67	17.15
September	17.46	17.38	17.73	W	22.04	20.95	22.23	21.07	19.57
October	17.20	17.42	17.59	W	20.98	20.88	21.43	20.47	18.40

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	11.76	11.69	14.51	14.64	15.21
February	9.75	10.79	9.19	13.64	13.91	14.56
March	8.78	9.77	8.51	12.45	12.72	13.41
April	9.10	10.34	8.17	12.52	13.06	13.66
May	9.00	9.86	8.41	12.51	12.53	13.20
June	8.30	8.40	7.77	11.18	11.09	11.75
July	9.09	9.23	8.28	11.54	11.61	12.21
August	9.04	8.72	8.41	11.18	11.19	11.72
September	10.06	10.35	8.72	12.51	12.59	13.19
October	10.12	10.02	9.90	12.25	12.22	12.75
November	8.57	8.77	7.18	10.73	10.95	11.28
December	7.46	7.37	5.48	9.27	9.26	9.59
1998	9.22	9.62	8.50	12.03	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	10.85	7.90	12.07	12.44	12.88
April	11.77	13.36	8.63	14.54	15.00	15.54
May	12.48	14.23	10.49	15.27	15.81	16.19
June	11.74	14.39	11.71	15.47	15.97	16.41
July	14.19	16.37	13.26	17.59	18.07	18.34
August	15.74	17.67	14.81	19.03	19.02	19.66
September	18.30	20.30	17.50	21.44	21.31	22.11
October	18.33	18.88	17.23	20.84	20.98	21.33

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	14.52	15.36	12.08	15.21	W	W	11.26	W	12.26	13.14
February	13.13	14.27	11.47	13.77	W	W	10.24	W	11.35	12.10
March	12.53	13.10	9.77	13.56	W	W	9.70	W	10.93	11.22
April	12.93	13.48	11.01	13.86	W	W	10.32	7.80	10.58	11.63
May	13.85	13.08	11.25	14.13	7.62	W	9.78	7.86	10.58	11.97
June	11.82	11.85	9.96	11.57	8.25	W	9.16	8.50	9.73	10.44
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	9.87	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	11.35	11.95
October	11.67	13.37	11.05	12.58	10.19	W	9.43	10.19	10.22	11.66
November	10.82	11.29	9.71	10.64	9.07	10.85	6.62	8.76	8.03	10.32
December	9.33	9.58	7.82	10.29	7.69	W	6.51	7.57	7.52	8.69
1998	12.11	12.56	10.49	12.97	8.87	12.52	9.31	9.09	10.20	11.21
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	11.59	W	7.06	11.18	8.93	9.61
March	11.92	13.33	10.92	13.67	13.25	W	10.70	12.97	12.04	11.71
April	15.06	15.95	13.77	16.12	W	W	12.53	13.64	13.68	14.51
May	14.88	15.87	14.05	15.46	W	15.39	12.27	15.01	13.93	14.74
June	15.56	16.43	14.42	16.50	W	16.03	13.82	16.46	15.03	15.14
July	19.10	18.27	17.01	18.81	W	16.96	15.80	17.41	16.93	17.56
August	20.31	19.88	18.74	20.69	W	19.79	17.55	19.31	18.82	19.32
September	22.48	23.12	20.57	22.68	20.35	21.97	19.18	20.28	20.29	21.58
October	21.73	22.44	20.05	22.43	19.33	20.60	18.91	19.25	19.39	20.92

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.

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

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

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

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

Year Month	Selected Countries								Persian Gulf ^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	16.15	13.25	16.39	12.67	16.98	13.41	W	12.26	13.48	13.89	14.30
February	14.57	12.18	15.37	12.11	15.30	13.05	15.63	11.17	13.01	12.93	13.24
March	14.06	11.58	13.84	10.37	14.71	12.31	14.82	10.66	12.40	12.45	12.36
April	14.16	11.58	14.07	11.37	14.67	11.45	15.19	11.23	11.63	12.04	12.58
May	15.16	11.47	13.53	11.48	14.91	10.83	14.52	10.64	10.85	11.75	12.73
June	12.98	10.73	12.45	10.52	13.31	10.66	12.58	9.93	10.64	11.07	11.41
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	11.16	12.84	10.34	13.20	11.29	12.89	9.33	11.22	11.06	11.61
September	13.59	12.75	13.79	11.60	14.60	11.71	13.43	11.12	11.76	12.07	12.83
October	12.87	12.53	13.81	11.58	13.97	10.64	13.14	10.32	11.19	11.34	12.63
November	11.88	10.97	11.81	10.22	12.03	9.81	12.96	7.83	10.04	9.73	11.20
December	10.48	9.90	10.05	8.31	11.21	8.94	10.89	7.63	9.00	8.87	9.77
1998	13.37	11.62	13.26	11.04	14.14	11.16	13.55	10.16	11.18	11.46	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	12.04	11.47	8.13	11.55	10.73	10.52
March	13.42	12.79	13.83	11.27	13.88	14.16	11.76	11.60	13.76	13.22	12.58
April	16.06	15.21	16.62	14.30	15.72	15.24	15.39	13.76	15.10	14.86	15.29
May	16.25	15.86	16.28	14.54	16.40	16.29	16.24	13.54	15.95	15.38	15.66
June	16.66	15.69	16.69	14.81	16.89	17.27	16.78	14.92	16.89	16.31	15.92
July	20.01	17.81	18.78	17.34	19.16	18.90	18.00	16.96	18.33	18.09	18.18
August	21.26	19.22	20.43	19.10	20.84	19.94	20.12	18.55	19.90	19.72	19.80
September	22.82	21.63	23.10	21.10	23.01	21.23	22.81	20.45	21.09	21.22	22.11
October	22.47	21.89	22.94	20.40	23.54	20.46	22.07	19.81	20.61	20.77	21.80

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.

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

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

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

Table 26. F.O.B.^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	8.33	10.13	13.32	14.32	15.30	15.36	-
February	7.39	9.41	11.83	12.98	14.11	14.82	W
March	7.50	8.68	11.82	12.32	13.44	14.02	W
April	8.08	9.42	10.77	12.55	13.58	14.19	-
May	7.37	9.29	10.12	12.69	13.71	14.29	13.72
June	7.22	8.56	10.36	10.66	12.07	12.72	11.86
July	6.99	8.90	10.07	11.28	12.36	12.71	12.89
August	6.12	8.65	9.66	11.37	12.03	12.54	12.22
September	8.12	9.91	11.98	12.78	13.38	14.20	W
October	7.66	9.53	10.57	11.78	12.99	12.36	13.55
November	4.60	7.99	9.56	10.18	11.48	11.23	11.79
December	4.55	6.71	7.86	9.03	9.93	10.03	W
1998	7.00	8.95	10.77	11.73	12.91	13.12	12.92
1999							
January	4.70	7.40	9.07	10.04	11.20	11.24	W
February	5.67	7.55	9.21	10.47	10.60	11.61	W
March	9.20	10.40	12.48	12.72	12.90	13.62	W
April	10.53	12.68	14.47	14.48	15.75	16.24	15.31
May	9.58	12.85	14.87	15.04	16.06	16.27	W
June	11.60	13.50	15.40	15.81	16.48	16.55	16.05
July	13.86	15.62	17.45	18.14	18.51	18.55	17.93
August	15.57	17.40	19.41	19.69	20.44	19.61	W
September	17.10	19.11	21.22	21.45	22.63	22.71	W
October	16.84	18.32	20.17	20.61	22.12	23.03	22.27

Dash (-) = No data reported.

W = Withheld to avoid disclosure of individual company data.

^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	9.77	11.04	14.87	14.99	16.33	17.19	17.27
February	8.64	10.02	13.58	13.91	15.11	16.01	16.39
March	8.63	9.37	13.03	13.37	14.33	15.09	14.68
April	9.23	9.96	12.18	13.07	14.51	14.91	14.88
May	8.39	9.78	11.71	12.82	14.33	14.70	14.66
June	8.26	9.28	11.46	11.62	13.06	13.42	13.06
July	8.12	9.64	11.12	11.82	13.12	13.58	14.02
August	7.21	9.49	10.97	11.91	12.81	13.50	13.51
September	9.42	10.85	12.21	12.80	13.95	15.36	14.80
October	8.95	10.60	11.82	12.16	13.58	13.21	14.66
November	5.71	8.79	10.37	10.82	12.32	12.64	12.67
December	5.65	7.71	8.94	9.84	10.62	11.24	12.24
1998	8.19	9.73	11.81	12.31	13.73	14.40	14.38
1999							
January	5.69	8.38	9.71	10.72	11.62	12.08	12.20
February	6.61	8.63	9.91	11.60	11.51	12.23	11.90
March	10.06	11.24	12.81	13.77	13.28	14.28	14.95
April	11.66	13.46	15.09	15.40	16.08	16.93	16.53
May	10.87	13.66	15.50	16.02	16.63	16.69	17.33
June	12.93	14.23	16.18	16.83	16.82	17.21	16.56
July	15.04	16.39	18.19	18.70	18.82	19.51	19.10
August	16.75	17.92	19.57	20.18	20.87	20.58	21.45
September	18.31	19.95	21.69	21.72	23.02	23.32	23.80
October	18.09	19.49	21.36	21.54	22.70	23.73	23.81

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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	5.17	24.45	13.19	30.90	22.30	3.08	0.91
February	5.76	22.27	14.02	29.24	24.35	2.06	2.30
March	6.88	21.12	14.05	34.06	20.89	2.10	0.89
April	6.70	21.71	17.53	30.78	20.20	1.89	1.19
May	4.87	20.34	14.47	32.73	23.37	2.28	1.95
June	5.66	20.67	14.58	36.82	20.08	0.98	1.22
July	5.91	18.04	14.65	39.69	17.80	2.19	1.70
August	5.01	19.00	13.41	39.86	18.84	1.58	2.30
September	5.87	20.51	11.47	38.97	19.75	1.55	1.89
October	6.97	18.31	11.80	38.98	21.02	1.28	1.64
November	5.68	19.24	15.59	33.25	23.69	0.63	1.90
December	5.65	18.38	13.01	41.26	17.97	2.79	0.95
1998	5.84	20.29	13.99	35.62	20.81	1.88	1.57
1999							
January	5.23	17.99	11.73	41.11	18.86	3.48	1.60
February	4.57	17.84	12.52	37.23	23.73	2.28	1.83
March	6.19	16.69	13.60	37.97	20.71	3.26	1.57
April	5.78	15.73	14.59	35.09	23.29	3.29	2.23
May	4.17	17.04	13.28	37.97	22.07	3.40	2.07
June	4.66	17.77	14.46	35.84	21.54	4.15	1.59
July	5.39	15.77	12.84	40.34	20.47	3.91	1.27
August	4.17	16.46	15.42	36.01	23.21	3.05	1.68
September	3.87	16.49	15.19	35.41	24.00	3.81	1.23
October	3.72	20.30	14.84	32.21	23.95	3.30	1.69

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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	12.16	W	11.41	W	12.98
1st Quarter Average	10.95	W	10.01	W	11.10
April	14.71	W	12.78	—	14.59
May	W	W	13.69	W	14.54
June	15.55	W	W	W	W
2nd Quarter Average	15.09	W	13.21	W	14.87
July	18.85	W	15.58	W	18.60
August	W	W	17.51	—	20.08
September	22.39	W	20.09	—	22.49
3rd Quarter Average	20.11	W	17.38	W	20.52
October	21.68	W	19.28	—	W

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 Olmeca	Nigerian Forcados Blend	Venezuelan Furrial	Venezuelan Leona
1978 Average	—	—	—	—	—
1979 Average	21.50	—	—	—	—
1980 Average	28.73	—	—	—	—
1981 Average	30.82	—	38.19	—	32.94
1982 Average	25.29	—	34.78	—	W
1983 Average	23.99	—	29.55	—	W
1984 Average	25.35	—	29.04	—	—
1985 Average	24.23	—	27.78	—	W
1986 Average	10.93	—	14.32	—	11.14
1987 Average	15.72	—	18.97	—	16.27
1988 Average	11.26	13.63	14.63	—	13.95
1989 Average	14.71	18.69	17.87	W	16.01
1990 Average	17.29	23.64	21.47	22.48	20.44
1991 Average	13.02	20.08	20.09	16.84	15.80
1992 Average	13.42	19.55	19.90	16.09	15.65
1993 Average	12.03	16.98	17.81	13.78	12.97
1994 Average	12.39	16.03	16.52	14.08	12.00
1995 Average	14.37	17.32	17.43	15.98	13.58
1996 Average	17.43	21.56	21.45	20.42	17.13
1997 Average	14.97	19.67	19.68	17.73	14.76
1998					
January	9.70	15.51	W	W	10.90
February	9.06	14.46	W	W	9.69
March	7.79	13.41	W	W	9.83
1st Quarter Average	8.82	14.54	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	8.47	12.36	11.41	10.67	W
2nd Quarter Average	9.03	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	8.75	13.14	13.39	11.54	8.96
1999					
January	7.37	11.11	W	W	W
February	7.15	10.44	—	—	W
March	9.99	12.52	W	W	W
1st Quarter Average	8.32	11.42	11.63	W	W
April	12.66	15.56	—	W	W
May	12.75	16.03	W	W	10.92
June	13.18	15.96	W	W	13.77
2nd Quarter Average	12.86	15.86	15.79	15.28	12.39
July	15.40	18.69	—	W	15.91
August	17.32	20.27	W	W	17.57
September	19.23	22.68	—	W	W
3rd Quarter Average	17.52	20.40	W	W	16.86
October	18.25	21.98	—	W	16.76

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	14.88
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	9.40	14.94
April	13.81	10.25	9.65	12.14	14.28	9.63	14.18
May	14.17	10.34	9.42	10.54	15.11	9.61	14.38
June	12.46	9.54	9.02	10.74	12.27	8.84	12.79
2nd Quarter							
Average	13.39	9.98	9.41	11.03	13.99	9.39	13.81
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	8.87	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	13.27	11.89	11.55	12.22	14.12	10.32	12.88
1st Quarter							
Average	12.02	10.54	10.57	11.00	12.26	8.61	11.67
April	15.60	13.95	13.69	15.38	15.78	13.06	15.86
May	16.07	15.11	14.54	16.12	15.54	13.10	16.25
June	16.57	14.84	14.42	15.94	W	13.54	16.20
2nd Quarter							
Average	16.12	14.63	14.21	15.84	15.89	13.23	16.11
July	19.94	16.69	16.06	16.72	19.57	15.70	18.90
August	20.93	18.21	18.04	18.76	20.85	17.61	20.56
September	22.85	20.78	20.23	21.08	23.39	19.57	22.86
3rd Quarter							
Average	21.25	18.61	17.86	19.16	21.41	17.75	20.68
October	22.37	21.09	20.94	20.99	23.00	18.62	22.31

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	12.10	15.27	W	10.81
1st Quarter							
Average	15.62	15.53	13.77	12.46	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	10.68	14.18	11.97	W
June	13.42	13.16	11.22	10.57	W	11.29	W
2nd Quarter							
Average	14.77	14.31	12.44	10.75	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	11.44	13.17	W	9.16
September	14.57	14.48	12.84	11.20	13.52	W	W
3rd Quarter							
Average	13.75	13.13	12.15	11.17	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	9.37	13.37	W	W
December	11.03	W	9.68	8.83	W	W	W
4th Quarter							
Average	11.82	12.98	11.00	9.26	13.13	W	W
1998 Average	13.62	14.35	12.36	10.86	13.94	12.24	9.79
1999							
January	11.06	11.69	11.03	9.89	11.34	10.41	W
February	W	W	12.37	12.52	11.47	W	W
March	13.40	13.84	14.53	14.48	11.90	12.56	11.17
1st Quarter							
Average	12.15	12.49	12.56	12.37	11.52	11.42	8.19
April	13.78	15.19	16.04	14.97	14.91	15.33	13.17
May	16.94	16.44	16.80	16.12	16.76	15.76	11.61
June	W	17.18	17.63	17.16	16.84	15.80	14.43
2nd Quarter							
Average	15.37	16.18	16.73	16.15	16.16	15.62	13.08
July	W	18.89	19.07	19.08	17.73	W	16.73
August	W	20.02	19.64	20.53	19.89	19.84	18.44
September	22.35	22.35	22.00	20.77	22.79	22.19	18.46
3rd Quarter							
Average	21.09	20.40	20.11	19.99	19.79	20.04	17.94
October	W	23.37	20.99	20.38	W	W	17.41

Dash (—) = No data reported.

W = Withheld to avoid disclosure of individual company data.

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

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

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

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												
October 1999	82.5	82.3	78.1	67.9	63.6	70.1	91.6	91.2	84.2	71.7	W	77.5
September 1999	83.6	83.4	80.0	71.9	66.1	73.5	92.6	92.2	85.8	75.8	W	80.4
October 1998	61.1	60.8	55.7	48.1	43.7	49.8	70.4	70.0	62.3	52.6	NA	57.3
PAD District I												
October 1999	82.2	81.5	77.7	67.1	64.1	69.9	91.0	90.4	84.6	71.2	NA	77.5
September 1999	80.5	80.1	77.6	70.5	67.4	72.3	89.5	88.9	84.3	74.7	NA	79.1
October 1998	58.6	58.3	53.7	47.5	44.3	49.4	68.2	67.9	60.5	51.8	-	56.1
Subdistrict IA												
October 1999	90.9	90.1	81.3	70.2	67.3	73.9	99.3	98.4	88.8	73.4	-	81.8
September 1999	86.8	86.3	80.9	71.8	71.1	75.5	95.5	94.8	87.1	75.6	-	81.8
October 1998	62.6	62.2	56.9	49.2	44.9	51.8	72.6	71.8	63.9	53.1	-	59.3
Connecticut												
October 1999	89.4	88.7	83.8	70.3	68.8	74.5	98.6	96.1	89.5	72.9	-	81.7
September 1999	85.6	85.1	81.7	71.9	70.0	75.0	95.2	93.1	87.4	74.1	-	81.0
October 1998	61.0	60.7	57.2	49.1	W	52.7	71.6	69.9	63.3	53.2	-	59.0
Maine												
October 1999	97.0	96.6	80.8	70.1	-	72.8	106.7	105.8	87.0	74.0	-	78.1
September 1999	89.5	89.3	82.1	72.3	W	74.7	99.2	98.5	87.4	77.0	-	80.1
October 1998	67.2	67.0	58.0	50.0	W	51.1	77.8	77.2	64.2	53.9	-	57.9
Massachusetts												
October 1999	89.6	88.7	80.0	69.6	W	73.1	98.0	97.8	89.0	73.2	-	82.7
September 1999	86.0	85.4	80.0	70.5	W	75.2	94.6	94.5	87.0	75.3	-	82.3
October 1998	61.2	60.5	56.1	48.7	45.0	51.0	71.3	70.8	64.5	52.5	-	60.0
New Hampshire												
October 1999	91.6	91.3	81.8	69.0	W	75.3	100.8	100.4	87.4	72.4	-	82.1
September 1999	87.9	87.8	81.7	70.6	-	77.0	97.1	96.9	86.6	75.5	-	82.8
October 1998	63.9	63.9	58.2	48.9	W	52.5	74.1	74.1	64.1	52.4	-	60.5
Rhode Island												
October 1999	85.1	84.5	80.1	72.6	W	74.6	93.2	93.0	85.5	74.9	-	80.6
September 1999	82.7	82.5	78.5	75.4	-	76.5	90.3	90.4	83.7	78.6	-	81.2
October 1998	57.3	57.2	54.0	50.0	-	51.3	66.8	66.7	60.5	53.3	-	56.8
Vermont												
October 1999	92.1	91.1	83.9	70.8	-	79.0	100.3	98.8	91.0	74.3	-	86.0
September 1999	89.0	88.4	84.1	73.7	-	80.3	96.9	95.5	90.7	78.1	-	87.3
October 1998	64.2	64.4	59.3	50.3	-	56.5	73.2	72.7	67.4	53.9	-	63.6
Subdistrict IB												
October 1999	85.6	84.2	79.7	69.2	63.7	71.2	93.3	92.1	87.1	73.6	NA	81.9
September 1999	83.3	82.5	78.9	71.5	67.2	72.9	91.0	90.2	86.2	75.4	NA	81.8
October 1998	59.3	59.2	55.3	48.0	44.1	49.9	68.5	68.2	61.6	52.8	-	58.3
Delaware												
October 1999	86.4	83.0	78.6	69.5	-	72.9	96.5	94.5	85.0	73.4	-	78.9
September 1999	83.2	81.3	76.9	70.6	-	72.7	93.7	91.9	83.8	74.1	-	78.1
October 1998	58.4	58.2	54.4	47.8	-	50.5	69.6	68.9	61.2	51.4	-	56.1
District of Columbia												
October 1999	W	78.2	83.5	-	-	83.5	W	89.1	89.0	-	-	89.0
September 1999	W	78.3	82.1	-	-	82.1	W	89.6	87.5	-	-	87.5
October 1998	W	56.9	60.3	-	-	60.3	W	68.4	NA	-	-	NA
Maryland												
October 1999	81.8	79.1	78.6	69.6	-	74.7	90.9	87.9	86.0	74.3	-	82.0
September 1999	81.1	78.7	77.3	72.3	-	75.1	90.4	87.1	84.4	76.2	-	81.5
October 1998	60.2	59.4	56.1	48.7	-	53.1	70.0	68.6	62.0	53.6	-	59.5
New Jersey												
October 1999	89.3	85.5	81.2	69.2	64.1	69.1	99.3	97.8	88.7	75.5	-	84.0
September 1999	86.3	83.8	79.9	71.2	67.6	71.4	96.2	95.0	87.0	76.6	-	83.0
October 1998	62.1	62.4	58.0	48.9	44.0	48.9	73.0	73.3	63.5	54.1	-	60.1
New York												
October 1999	88.5	87.7	82.3	70.1	63.9	74.6	96.8	95.2	91.8	74.1	NA	86.2
September 1999	85.8	85.3	81.5	72.6	67.1	75.7	94.3	93.1	90.8	76.1	NA	85.7
October 1998	60.9	60.5	56.0	48.3	45.5	51.2	70.5	69.0	64.2	53.1	-	60.6
Pennsylvania												
October 1999	82.5	82.1	75.9	68.4	NA	69.5	90.1	89.7	81.2	71.8	-	76.5
September 1999	80.7	80.6	76.0	70.4	NA	71.5	88.0	87.9	82.1	74.1	-	77.9
October 1998	57.3	57.4	51.7	47.2	43.7	48.5	66.5	66.5	57.0	51.8	-	54.5

See footnotes at end of table.

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

Geographic Area Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
United States												
October 1999	99.6	98.7	92.4	77.4	67.1	81.6	86.1	85.7	81.5	69.6	64.1	72.6
September 1999	100.4	99.4	93.4	81.3	70.5	84.6	87.2	86.8	83.3	73.6	66.8	75.9
October 1998	78.5	77.6	68.6	57.8	48.9	61.6	65.2	64.8	59.3	50.1	44.2	52.6
PAD District I												
October 1999	99.2	97.7	92.3	76.4	68.5	82.2	86.3	85.5	82.0	69.2	64.8	73.0
September 1999	97.7	96.5	91.7	80.1	72.1	84.1	84.7	84.2	81.8	72.6	68.2	75.3
October 1998	76.7	75.8	66.4	57.1	49.5	61.0	63.6	63.2	57.8	49.8	45.1	52.6
Subdistrict IA												
October 1999	106.2	104.7	92.5	78.9	68.7	83.4	93.9	93.0	84.0	71.7	67.5	76.0
September 1999	103.2	101.8	91.9	81.0	73.5	85.7	90.0	89.4	83.6	73.5	71.5	77.7
October 1998	81.2	78.7	69.0	57.8	W	62.8	66.8	66.1	60.0	51.1	45.4	54.3
Connecticut												
October 1999	106.0	104.2	95.2	79.4	71.4	84.6	93.1	92.1	86.9	72.2	69.2	77.0
September 1999	102.8	101.0	93.1	81.0	W	85.0	89.5	88.7	84.9	73.8	70.4	77.4
October 1998	80.6	79.5	69.7	58.9	W	62.2	65.9	65.4	60.3	51.4	W	55.4
Maine												
October 1999	115.1	113.3	90.6	79.0	W	78.3	99.5	99.0	82.2	71.3	W	73.9
September 1999	108.0	106.2	92.4	81.1	—	84.2	92.2	91.9	83.6	73.5	W	76.0
October 1998	87.5	86.7	69.8	58.5	—	61.9	71.0	70.7	60.3	51.4	W	53.0
Massachusetts												
October 1999	104.7	103.1	91.1	77.8	W	82.9	92.8	91.9	83.0	71.2	66.4	75.4
September 1999	102.2	100.8	90.8	79.8	W	85.2	89.4	88.8	82.7	72.4	W	77.6
October 1998	79.4	74.9	68.1	56.7	—	62.9	65.6	64.3	59.5	50.6	45.0	53.8
New Hampshire												
October 1999	107.9	107.8	93.2	76.3	W	83.9	94.5	94.2	84.0	70.1	W	77.0
September 1999	105.2	105.0	93.1	80.3	—	88.7	91.0	90.8	84.0	72.1	—	79.2
October 1998	83.5	83.5	70.6	56.6	—	65.6	67.8	67.8	61.0	50.3	W	54.8
Rhode Island												
October 1999	100.5	99.1	92.3	82.2	—	86.1	88.2	87.5	82.9	74.3	W	76.8
September 1999	98.0	97.2	91.0	85.5	—	87.6	85.7	85.5	81.4	77.4	—	78.9
October 1998	75.4	75.1	67.1	58.8	—	61.8	61.4	61.3	57.6	51.9	—	53.9
Vermont												
October 1999	107.4	106.9	94.0	78.5	—	89.3	94.7	93.7	86.0	71.9	—	81.0
September 1999	104.5	104.0	94.8	82.3	—	91.1	91.7	91.0	86.4	75.1	—	82.5
October 1998	81.5	81.1	72.1	59.4	—	68.5	67.6	67.6	62.0	51.9	—	58.9
Subdistrict IB												
October 1999	101.6	98.8	95.1	77.9	68.3	84.7	89.2	87.7	84.5	71.1	64.3	74.7
September 1999	99.4	97.2	94.0	80.5	72.1	85.6	87.0	86.0	83.6	73.4	68.0	76.2
October 1998	76.9	76.3	69.2	57.4	49.3	62.6	63.9	63.7	60.0	50.2	45.0	53.5
Delaware												
October 1999	105.3	100.8	91.5	78.0	—	83.4	90.5	87.1	81.5	71.1	—	75.1
September 1999	102.0	99.2	90.4	78.9	—	83.0	87.4	85.2	80.0	72.2	—	74.9
October 1998	78.3	77.5	68.3	56.9	—	61.8	63.3	62.9	57.9	49.8	—	53.2
District of Columbia												
October 1999	W	94.1	95.7	—	—	95.7	W	83.0	89.4	—	—	89.4
September 1999	W	94.5	94.3	—	—	94.3	W	83.2	88.0	—	—	88.0
October 1998	W	72.2	NA	—	—	NA	W	62.7	NA	—	—	NA
Maryland												
October 1999	96.0	91.1	91.1	79.8	W	86.6	85.5	82.5	82.6	71.9	W	78.2
September 1999	95.5	90.6	89.6	81.8	W	85.8	84.9	82.1	81.2	74.6	W	78.3
October 1998	76.2	74.5	66.8	58.8	—	64.3	64.9	63.9	59.8	51.3	—	56.7
New Jersey												
October 1999	105.8	100.0	95.6	76.9	70.6	85.1	94.3	90.2	86.1	71.5	64.5	72.6
September 1999	103.8	99.0	94.1	79.6	72.9	84.4	91.5	88.6	84.8	73.7	68.2	74.6
October 1998	81.4	81.4	71.4	57.3	49.6	62.9	68.5	68.7	62.9	51.4	44.6	52.7
New York												
October 1999	103.2	101.7	99.5	78.5	NA	87.9	91.8	90.9	88.4	71.8	66.1	78.8
September 1999	100.4	99.3	98.4	81.9	75.3	89.9	89.2	88.5	87.5	74.4	70.2	79.9
October 1998	77.6	76.5	71.6	57.6	49.9	64.3	65.3	64.6	62.0	50.3	47.8	55.5
Pennsylvania												
October 1999	98.3	96.8	88.1	77.4	NA	78.3	85.8	85.3	78.6	70.0	NA	71.5
September 1999	96.6	95.8	87.9	79.7	W	80.5	84.0	83.8	78.8	72.2	NA	73.5
October 1998	74.0	73.7	63.3	56.9	47.7	58.6	61.5	61.5	54.8	49.2	44.8	51.0

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												
October 1999	78.6	78.2	73.1	65.3	60.7	67.2	88.7	88.3	81.1	70.1	—	74.1
September 1999	77.8	77.5	74.4	69.6	66.3	70.8	87.9	87.5	81.7	74.3	—	77.1
October 1998	57.3	57.0	50.9	46.7	NA	48.1	67.4	67.1	58.4	51.2	—	54.1
Florida												
October 1999	80.6	80.0	76.1	65.4	W	68.7	91.8	91.4	85.2	69.8	—	77.1
September 1999	79.2	78.9	75.9	69.5	67.2	71.4	90.4	89.8	84.7	73.7	—	78.9
October 1998	58.9	58.3	51.3	46.7	NA	48.1	70.1	69.3	58.8	50.7	—	54.1
Georgia												
October 1999	76.1	76.1	67.8	64.6	W	65.2	85.9	85.7	74.9	69.3	—	71.3
September 1999	76.2	76.2	70.1	69.5	W	69.6	85.9	85.8	76.4	74.3	—	75.1
October 1998	55.5	55.5	49.4	46.2	—	47.2	64.5	64.7	54.6	51.2	—	52.8
North Carolina												
October 1999	76.9	76.4	72.2	65.0	W	66.4	87.0	86.4	80.2	70.1	—	72.8
September 1999	76.0	75.7	75.5	69.3	64.6	70.4	86.2	85.7	83.5	74.3	—	76.6
October 1998	56.2	55.5	47.4	46.6	—	46.9	66.3	66.0	59.8	51.2	—	53.7
South Carolina												
October 1999	76.0	75.7	68.3	64.9	—	65.5	86.6	86.2	73.6	69.6	—	70.4
September 1999	76.2	76.0	71.5	69.4	—	69.8	86.6	86.3	77.4	74.2	—	74.8
October 1998	54.6	54.8	48.3	46.7	—	47.2	64.6	64.4	54.3	51.5	—	52.3
Virginia												
October 1999	81.6	81.1	76.7	66.7	61.3	69.2	90.3	89.6	81.8	71.3	—	75.6
September 1999	80.2	79.9	76.2	70.5	NA	72.0	89.0	88.4	81.1	75.0	—	77.5
October 1998	59.2	59.1	55.3	47.3	NA	50.5	69.4	69.1	61.7	51.7	—	56.3
West Virginia												
October 1999	78.3	78.0	73.0	67.6	—	70.3	87.0	86.8	78.0	72.5	—	75.7
September 1999	77.7	77.7	75.7	71.6	—	73.7	86.4	86.1	80.8	76.4	—	79.0
October 1998	57.8	57.8	56.1	50.1	—	53.9	66.7	66.5	61.2	54.7	—	58.7
PAD District II												
October 1999	80.0	79.9	73.8	66.2	61.4	67.6	88.0	87.9	81.4	69.5	—	73.9
September 1999	83.0	82.7	77.5	71.4	65.6	72.4	91.4	91.2	84.6	74.9	—	78.5
October 1998	61.0	60.9	53.9	47.6	43.5	48.9	69.0	68.8	60.1	52.3	—	55.5
Illinois												
October 1999	83.3	83.2	82.0	66.5	NA	69.8	90.7	90.5	89.4	70.1	—	81.8
September 1999	85.7	85.5	84.3	71.4	62.9	73.1	93.7	93.4	91.5	74.8	—	84.2
October 1998	64.6	64.5	59.2	47.8	44.8	50.3	71.0	70.8	64.2	51.1	—	58.7
Indiana												
October 1999	77.4	77.4	74.6	65.1	W	67.0	85.9	86.0	79.7	68.0	—	72.0
September 1999	80.6	80.6	77.6	70.2	63.9	71.6	89.4	89.5	83.2	73.2	—	76.6
October 1998	59.8	59.9	53.0	46.9	42.1	48.3	67.9	67.8	58.3	50.9	—	53.9
Iowa												
October 1999	76.6	77.2	73.7	65.9	—	66.4	82.3	82.6	76.7	68.2	—	69.8
September 1999	79.6	80.1	74.9	71.4	—	71.7	84.7	85.0	77.8	73.4	—	74.4
October 1998	58.5	59.0	51.7	47.9	—	48.3	65.5	65.4	56.3	55.9	—	56.0
Kansas												
October 1999	77.5	77.4	69.2	65.0	W	64.9	84.0	83.9	77.4	69.1	—	72.4
September 1999	78.6	78.7	74.8	70.9	66.5	70.7	85.8	85.8	82.2	74.7	—	77.7
October 1998	58.5	58.2	52.7	46.9	W	47.2	63.6	63.5	NA	51.5	—	53.0
Kentucky												
October 1999	82.5	81.7	73.7	68.6	—	69.5	91.1	90.3	79.8	72.9	—	74.6
September 1999	85.4	84.2	76.9	73.7	—	74.3	94.4	93.4	83.1	78.5	—	79.6
October 1998	60.0	59.5	53.5	48.3	W	49.6	70.0	69.6	58.6	52.5	—	54.5
Michigan												
October 1999	78.7	78.4	70.3	65.7	W	67.2	87.8	88.1	76.0	68.6	—	73.3
September 1999	82.2	81.8	74.6	70.9	—	72.1	92.1	92.1	80.6	74.0	—	78.2
October 1998	58.9	58.8	50.7	46.8	—	48.5	68.3	68.4	57.3	50.2	—	55.2
Minnesota												
October 1999	87.4	87.4	77.9	69.3	W	71.1	91.3	91.3	81.6	70.3	—	72.2
September 1999	90.2	90.1	82.8	75.4	W	77.0	95.0	94.6	86.8	76.6	—	78.2
October 1998	69.4	69.2	59.8	52.3	W	53.9	74.0	73.7	NA	54.7	—	56.3
Missouri												
October 1999	77.7	77.5	72.7	65.9	—	67.7	86.4	85.9	84.5	68.8	—	78.6
September 1999	80.0	79.8	76.0	70.7	—	72.2	89.2	88.8	86.4	74.1	—	81.9
October 1998	56.8	57.4	54.5	46.5	—	48.9	65.0	65.5	57.2	51.1	—	54.5

See footnotes at end of table.

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

Geographic Area Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
Subdistrict IC												
October 1999	97.1	96.2	88.1	75.3	W	79.4	83.4	82.9	77.8	67.7	61.9	70.4
September 1999	96.1	95.4	88.4	79.6	70.2	82.4	82.6	82.3	78.8	72.0	66.9	73.9
October 1998	76.0	75.1	62.6	56.9	49.7	59.1	62.7	62.4	54.8	49.4	NA	51.3
Florida												
October 1999	98.8	98.3	91.9	75.2	—	82.8	85.8	85.2	82.0	67.7	W	72.9
September 1999	97.4	96.7	91.3	79.6	W	84.7	84.4	84.0	81.7	71.9	67.5	75.3
October 1998	77.2	76.0	65.0	56.8	W	60.2	64.6	64.0	56.9	49.3	W	51.9
Georgia												
October 1999	94.3	93.8	79.6	74.7	W	76.0	80.7	80.7	71.1	66.9	W	67.8
September 1999	94.2	93.8	81.2	79.7	W	79.9	80.8	80.9	73.3	71.8	W	72.1
October 1998	73.4	73.5	61.1	56.3	—	58.1	60.4	60.7	52.8	48.8	—	50.2
North Carolina												
October 1999	95.9	94.7	87.3	75.0	—	77.6	81.8	81.2	76.3	67.4	W	69.3
September 1999	95.0	94.1	90.4	79.1	—	81.4	81.1	80.6	79.6	71.8	64.6	73.3
October 1998	75.9	74.5	57.3	56.9	—	57.0	62.1	61.4	50.8	49.4	—	49.9
South Carolina												
October 1999	96.1	95.5	80.0	75.2	—	76.0	80.8	80.4	71.0	67.2	—	67.8
September 1999	96.6	96.0	83.3	79.8	—	80.4	81.2	80.8	74.2	71.8	—	72.2
October 1998	73.5	73.1	59.2	56.8	—	57.4	59.7	59.7	51.2	49.3	—	49.8
Virginia												
October 1999	99.2	97.9	89.3	76.7	NA	81.0	86.0	85.4	80.6	69.1	NA	72.4
September 1999	97.5	96.3	88.3	80.4	W	83.2	84.6	84.2	80.1	72.9	W	75.0
October 1998	77.7	76.8	65.5	57.5	W	61.3	64.7	64.5	58.7	50.0	NA	53.7
West Virginia												
October 1999	95.2	92.9	83.6	77.6	—	80.5	81.6	81.2	75.3	69.7	—	72.6
September 1999	94.4	92.8	85.9	81.6	—	83.8	80.9	80.9	78.0	73.7	—	75.9
October 1998	75.6	75.3	68.1	60.3	—	65.2	61.7	61.6	58.8	52.5	—	56.5
PAD District II												
October 1999	95.8	95.1	87.5	75.2	63.2	78.6	82.6	82.4	76.6	67.5	61.4	69.3
September 1999	98.6	97.7	91.1	80.5	68.2	83.4	85.6	85.3	80.3	72.8	65.7	74.2
October 1998	76.7	76.2	66.4	56.9	47.5	59.8	64.0	63.8	56.7	49.2	43.7	51.0
Illinois												
October 1999	101.6	101.1	98.5	75.9	W	84.9	86.7	86.5	86.8	67.9	63.8	73.1
September 1999	104.1	103.3	100.9	80.7	W	89.0	89.2	88.9	89.1	72.7	63.0	76.3
October 1998	81.6	80.9	71.0	58.2	W	63.4	67.9	67.8	62.6	49.5	44.9	53.2
Indiana												
October 1999	92.3	92.2	87.5	74.5	W	77.5	80.3	80.3	77.3	66.6	63.4	68.9
September 1999	95.3	95.1	90.3	79.6	W	82.4	83.5	83.4	80.4	71.7	64.3	73.6
October 1998	75.7	75.3	65.3	56.8	—	59.7	63.4	63.4	55.8	48.8	42.1	50.5
Iowa												
October 1999	87.0	87.1	85.6	74.7	—	76.1	77.9	78.4	75.6	66.7	—	67.5
September 1999	89.4	89.4	88.3	80.4	—	81.6	80.9	81.3	77.0	72.2	—	72.7
October 1998	68.6	68.7	59.9	57.1	—	57.7	59.9	60.4	53.7	49.5	—	50.0
Kansas												
October 1999	89.2	89.1	78.5	72.4	W	73.6	78.9	78.8	70.8	65.8	W	65.8
September 1999	92.1	91.9	84.4	78.4	W	79.7	80.2	80.2	76.4	71.7	66.6	71.6
October 1998	70.9	70.6	61.9	54.2	W	55.8	60.0	59.5	53.9	47.7	W	48.2
Kentucky												
October 1999	99.5	97.4	86.4	78.0	—	79.6	85.9	85.0	76.4	70.4	—	71.5
September 1999	102.5	99.0	88.7	82.9	—	84.0	88.9	87.5	79.5	75.5	—	76.3
October 1998	79.0	77.9	64.6	58.2	—	60.1	64.5	63.9	56.1	50.5	W	52.0
Michigan												
October 1999	94.3	93.8	82.9	75.4	—	78.4	80.9	80.8	72.6	66.9	W	68.9
September 1999	97.5	96.8	87.4	80.9	—	83.4	84.6	84.3	77.0	72.2	—	73.9
October 1998	74.7	73.9	63.2	57.3	—	60.0	61.5	61.3	53.2	48.4	—	50.5
Minnesota												
October 1999	99.6	99.5	87.1	76.6	—	79.7	88.7	88.6	79.1	70.0	W	71.8
September 1999	103.3	102.6	91.6	82.7	—	85.4	91.7	91.5	84.1	76.2	W	77.8
October 1998	80.8	80.6	NA	58.7	W	61.8	71.0	70.7	61.1	53.2	W	54.9
Missouri												
October 1999	94.4	93.0	85.3	74.2	—	77.7	80.0	79.7	75.4	66.9	—	69.4
September 1999	97.0	95.4	88.4	79.3	—	82.3	82.3	82.1	78.6	71.8	—	73.8
October 1998	73.6	73.6	67.1	54.9	—	59.5	59.5	59.9	56.8	47.7	—	50.6

See footnotes at end of table.

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

Geographic Area Month	Regular						Midgrade					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
Nebraska												
October 1999	78.9	79.0	70.8	65.8	—	66.4	84.0	83.8	73.9	68.5	—	70.4
September 1999	80.2	80.4	73.2	71.3	—	71.6	86.7	86.6	80.4	73.6	—	75.5
October 1998	60.6	61.2	50.7	47.7	—	48.2	65.8	65.2	59.7	52.8	—	54.5
North Dakota												
October 1999	88.8	85.2	75.3	68.1	—	69.5	96.7	94.6	76.4	73.1	—	75.1
September 1999	87.4	85.0	78.6	73.4	—	74.4	96.2	95.3	80.7	78.6	—	79.7
October 1998	69.9	69.9	54.6	49.3	—	50.2	76.5	76.1	NA	56.5	—	57.4
Ohio												
October 1999	79.8	79.6	73.5	66.6	W	68.8	89.7	89.1	80.5	69.6	—	74.4
September 1999	86.0	85.5	78.8	71.7	W	73.9	96.1	95.1	85.5	74.7	—	79.5
October 1998	62.5	62.0	55.0	47.1	44.3	49.9	71.6	71.1	61.8	50.4	—	56.3
Oklahoma												
October 1999	75.5	75.4	67.2	64.0	60.5	62.9	81.3	81.2	73.9	65.6	—	70.2
September 1999	78.1	78.1	71.9	69.4	66.2	68.4	84.8	84.7	79.2	71.7	—	75.8
October 1998	58.2	58.1	48.8	46.4	43.0	45.3	64.5	64.4	55.2	48.8	—	53.5
South Dakota												
October 1999	86.8	86.6	75.5	67.8	—	69.9	89.3	89.5	76.0	NA	—	NA
September 1999	86.1	86.1	77.7	72.6	—	73.9	90.7	90.9	75.3	NA	—	NA
October 1998	69.2	69.5	54.4	49.0	—	50.3	70.3	71.1	54.7	NA	—	54.1
Tennessee												
October 1999	76.7	76.3	72.1	64.8	—	65.7	86.4	86.6	79.2	69.3	—	71.6
September 1999	76.9	76.6	73.1	69.8	—	70.3	86.9	87.2	80.5	74.7	—	76.2
October 1998	56.4	56.2	52.3	46.7	—	47.5	65.5	65.4	61.0	51.4	—	53.4
Wisconsin												
October 1999	83.0	82.6	73.6	66.8	—	68.4	89.9	89.9	81.8	69.5	—	72.1
September 1999	85.5	85.1	77.7	72.1	—	73.4	92.6	92.6	85.3	75.4	—	78.4
October 1998	61.9	61.6	54.2	47.5	W	48.6	69.7	69.7	60.5	52.8	—	55.2
PAD District III												
October 1999	79.7	79.8	72.0	66.0	61.6	65.5	89.4	89.1	77.9	70.0	—	72.4
September 1999	78.9	79.1	74.8	70.0	63.5	69.0	88.0	87.8	79.9	74.1	—	75.9
October 1998	57.5	57.2	52.0	46.2	41.7	45.5	68.0	67.5	57.9	50.5	—	52.7
Alabama												
October 1999	78.6	78.6	74.4	65.5	—	67.7	87.8	87.8	83.2	70.4	—	74.8
September 1999	78.6	78.5	77.9	70.0	—	72.0	86.9	86.9	85.8	74.9	—	78.7
October 1998	59.3	59.0	52.2	46.6	—	48.3	68.1	67.3	57.8	51.2	—	53.8
Arkansas												
October 1999	77.8	77.7	70.2	65.4	W	65.5	86.3	86.1	77.5	69.1	—	71.0
September 1999	76.7	76.7	72.2	69.4	W	69.1	85.4	85.3	79.1	73.2	—	74.6
October 1998	57.4	56.6	50.7	47.1	W	47.5	67.0	65.9	54.3	50.9	—	51.8
Louisiana												
October 1999	81.1	80.4	72.1	64.9	60.4	64.6	91.4	90.5	76.3	69.1	—	72.1
September 1999	79.1	78.7	72.9	68.6	61.5	68.1	89.7	89.0	76.6	73.4	—	74.7
October 1998	57.2	56.7	54.3	45.3	40.5	46.0	68.9	68.2	60.2	49.7	—	53.5
Mississippi												
October 1999	80.1	79.9	69.3	64.4	62.8	64.3	88.9	88.6	76.2	69.1	—	70.0
September 1999	78.6	78.5	71.4	68.7	61.7	67.6	86.8	86.6	77.7	73.5	—	73.9
October 1998	60.7	60.5	54.4	45.7	41.9	47.3	70.4	70.1	60.9	50.3	—	54.0
New Mexico												
October 1999	91.8	91.4	76.2	75.7	—	75.8	102.5	101.7	NA	80.6	—	79.4
September 1999	89.5	89.2	79.9	78.1	—	78.4	99.5	98.9	84.1	82.8	—	83.3
October 1998	63.5	63.0	52.6	49.4	—	50.0	72.4	72.1	58.8	53.9	—	54.9
Texas												
October 1999	78.5	78.8	71.2	66.0	61.7	64.9	88.6	88.4	76.5	69.9	—	71.9
September 1999	78.0	78.6	74.4	69.8	63.9	68.4	87.4	87.4	78.7	73.9	—	75.4
October 1998	56.3	56.1	50.9	45.9	41.8	44.5	67.0	66.7	56.8	50.2	—	51.9
PAD District IV												
October 1999	92.0	91.7	84.9	79.3	W	80.4	102.0	101.8	90.4	84.9	—	86.8
September 1999	93.9	93.6	87.3	83.6	W	84.4	104.6	104.4	92.2	89.6	—	90.6
October 1998	68.6	68.1	60.0	55.6	W	56.7	78.4	77.9	64.4	60.9	—	62.4
Colorado												
October 1999	90.1	89.5	81.5	74.0	W	75.5	102.5	102.2	88.1	78.2	—	82.7
September 1999	92.1	91.6	83.5	79.7	W	80.5	105.0	104.8	89.7	83.7	—	86.5
October 1998	67.8	66.8	54.0	49.8	W	50.6	80.2	79.4	59.5	54.1	—	56.1

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												
October 1999	90.4	90.3	83.2	74.2	—	76.0	80.4	80.4	72.3	66.4	—	67.3
September 1999	92.4	92.2	87.4	79.7	—	81.1	81.8	81.9	75.2	72.0	—	72.4
October 1998	73.1	72.7	61.3	55.8	—	56.9	62.3	62.4	53.1	48.8	—	49.5
North Dakota												
October 1999	97.8	NA	85.1	77.7	—	79.9	90.0	86.4	76.1	68.7	—	70.5
September 1999	96.6	NA	88.6	82.8	—	84.4	88.6	86.3	79.6	74.1	—	75.3
October 1998	75.9	75.1	64.3	58.1	—	59.8	70.7	70.7	55.8	50.1	—	51.1
Ohio												
October 1999	97.3	96.4	85.9	76.1	W	79.9	83.0	82.7	76.1	67.9	62.7	70.7
September 1999	102.8	101.6	91.9	81.2	—	85.5	89.1	88.5	81.5	73.0	W	75.9
October 1998	79.5	78.7	68.2	57.1	—	62.2	66.1	65.6	58.0	48.8	44.3	52.3
Oklahoma												
October 1999	90.3	89.9	74.7	71.3	W	70.8	77.8	77.7	68.1	65.0	60.5	63.7
September 1999	91.6	91.2	80.0	76.6	68.6	75.8	80.4	80.2	73.2	70.4	66.3	69.2
October 1998	70.7	70.2	56.7	53.8	47.5	53.1	60.8	60.5	50.2	47.6	43.3	46.3
South Dakota												
October 1999	99.2	99.1	82.3	77.4	—	78.7	87.9	87.8	75.9	68.2	—	70.3
September 1999	100.4	99.7	85.1	82.3	—	83.1	87.7	87.7	77.9	73.0	—	74.3
October 1998	83.6	83.4	61.2	58.1	—	58.9	70.0	70.4	54.8	50.0	—	51.2
Tennessee												
October 1999	94.8	94.2	85.9	74.9	—	76.4	81.3	81.0	76.1	67.1	—	68.4
September 1999	95.0	94.6	87.5	80.1	—	81.2	81.5	81.2	77.2	72.3	—	73.1
October 1998	75.7	75.1	66.8	56.7	—	58.2	61.7	61.4	56.8	49.5	—	50.6
Wisconsin												
October 1999	95.4	94.9	84.9	76.4	—	78.7	84.6	84.2	75.3	67.9	—	69.7
September 1999	98.6	97.9	89.3	81.9	—	83.8	87.2	86.8	79.4	73.2	—	74.7
October 1998	75.2	74.6	64.6	57.5	—	59.1	63.9	63.6	56.1	48.8	W	50.1
PAD District III												
October 1999	96.5	96.1	85.5	75.8	65.3	73.4	83.5	83.4	75.1	67.8	62.4	67.3
September 1999	96.3	96.1	87.4	79.9	68.7	77.6	82.6	82.7	77.6	71.9	64.6	71.0
October 1998	75.6	75.1	64.3	56.1	45.7	56.2	62.0	61.5	55.1	48.3	42.1	47.7
Alabama												
October 1999	96.1	95.7	88.5	76.0	—	79.4	82.7	82.6	78.7	68.0	—	70.8
September 1999	96.2	95.5	92.6	80.5	—	83.8	82.6	82.4	82.2	72.6	—	75.2
October 1998	76.8	76.1	65.7	57.0	—	59.7	64.1	63.6	55.9	49.4	—	51.4
Arkansas												
October 1999	93.4	92.8	82.4	74.8	W	75.1	81.0	80.9	73.0	67.0	W	67.3
September 1999	93.2	92.7	84.5	78.9	W	77.0	80.1	80.0	74.9	71.0	W	70.8
October 1998	75.4	73.2	61.2	56.8	W	56.1	61.0	59.8	53.0	49.1	W	49.5
Louisiana												
October 1999	99.4	97.5	86.2	74.9	66.0	71.0	85.6	84.7	75.7	67.0	63.0	67.0
September 1999	97.4	95.7	85.7	78.9	67.1	74.9	83.7	83.0	76.2	70.9	64.1	70.4
October 1998	76.9	75.3	66.8	55.2	42.2	55.8	63.0	62.2	58.1	47.8	40.8	48.8
Mississippi												
October 1999	96.7	96.2	82.7	74.8	66.8	73.8	84.1	83.8	72.6	66.7	63.4	66.4
September 1999	98.0	97.2	84.2	79.1	W	77.4	82.8	82.6	74.5	71.0	62.3	69.8
October 1998	79.5	78.8	66.7	55.9	W	57.9	65.5	65.2	57.3	48.2	42.1	49.9
New Mexico												
October 1999	108.4	106.5	86.9	85.4	—	85.6	94.7	94.0	77.2	77.2	—	77.2
September 1999	104.7	103.6	89.8	87.7	—	87.9	92.3	91.8	81.3	79.6	—	79.9
October 1998	80.0	79.6	62.1	58.9	—	59.5	66.4	66.0	54.5	51.1	—	51.7
Texas												
October 1999	95.6	95.6	84.3	75.6	64.8	72.3	82.3	82.4	73.8	67.6	62.2	66.4
September 1999	95.5	95.9	85.6	79.7	69.7	76.7	81.8	82.1	76.5	71.6	64.9	70.1
October 1998	74.3	74.2	62.8	55.7	46.3	54.8	60.7	60.4	53.8	47.8	42.1	46.2
PAD District IV												
October 1999	111.2	109.7	94.6	88.7	W	90.1	96.3	95.7	87.2	81.1	W	82.5
September 1999	112.8	111.5	97.3	93.2	W	94.1	98.3	97.7	89.4	85.5	W	86.4
October 1998	87.4	85.1	68.9	65.8	W	66.7	73.4	72.4	62.6	57.9	W	59.2
Colorado												
October 1999	112.3	110.4	91.5	82.4	W	85.1	95.6	94.8	84.6	75.6	W	77.8
September 1999	114.7	112.7	93.5	88.5	W	89.7	97.8	97.0	86.4	81.3	W	82.6
October 1998	90.4	86.9	63.5	58.9	W	60.1	73.8	72.5	57.1	51.8	W	53.0

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												
October 1999	97.4	97.3	90.1	87.6	—	88.3	105.1	104.7	98.0	91.5	—	93.0
September 1999	98.1	98.1	92.7	93.3	—	93.1	106.1	105.8	100.1	97.5	—	98.1
October 1998	71.7	71.7	64.5	61.3	—	62.3	79.6	79.3	69.5	66.2	—	67.2
Montana												
October 1999	91.5	91.2	84.8	78.5	—	79.6	96.2	96.1	W	83.2	—	86.7
September 1999	92.8	92.5	84.7	80.1	—	81.0	98.9	98.9	W	85.1	—	88.0
October 1998	71.2	71.4	62.0	58.1	—	58.6	75.5	75.8	65.0	63.2	—	63.3
Utah												
October 1999	92.8	92.5	85.4	85.3	—	85.3	101.5	101.4	92.0	90.7	—	91.0
September 1999	96.1	95.9	88.9	89.7	—	89.4	105.1	104.9	94.3	95.1	—	94.9
October 1998	66.3	65.6	60.8	59.5	—	60.1	75.3	74.9	66.0	65.5	—	65.7
Wyoming												
October 1999	96.4	95.7	88.1	76.4	—	77.6	105.1	104.4	100.1	NA	—	NA
September 1999	96.2	95.5	90.9	80.4	—	81.6	104.8	104.1	101.9	NA	—	NA
October 1998	72.8	71.5	60.8	53.6	—	54.6	80.0	79.2	69.0	64.2	—	66.3
PAD District V												
October 1999	90.0	89.6	83.1	77.2	70.5	79.7	98.2	98.0	88.0	83.4	W	86.9
September 1999	93.6	92.9	85.6	77.5	69.5	80.8	101.9	101.7	90.8	84.0	W	89.2
October 1998	68.7	67.7	61.3	53.1	48.2	56.6	78.2	77.7	67.7	59.1	NA	65.7
Alaska												
October 1999	108.6	108.4	93.6	82.2	W	85.7	NA	NA	97.9	W	—	97.0
September 1999	109.9	109.7	88.6	80.7	W	82.8	NA	NA	94.4	W	—	93.8
October 1998	94.8	95.3	83.9	68.6	W	74.0	106.3	104.1	83.4	81.1	—	82.8
Arizona												
October 1999	84.8	84.2	77.1	74.5	W	75.9	95.1	95.0	81.3	81.0	—	81.2
September 1999	83.5	83.0	74.9	75.0	W	74.8	93.0	92.9	79.3	81.9	—	80.2
October 1998	66.3	65.4	57.5	50.2	44.6	53.9	76.1	76.0	64.1	56.1	—	62.0
California												
October 1999	88.7	88.5	82.3	74.9	70.3	78.4	96.6	96.5	87.0	81.1	W	85.9
September 1999	93.8	93.2	85.6	76.0	69.3	80.2	101.6	101.4	90.6	82.6	W	89.1
October 1998	67.7	66.9	61.5	52.0	48.3	56.2	77.3	77.0	67.6	58.5	NA	65.8
Hawaii												
October 1999	91.8	87.4	91.3	78.7	W	87.8	100.4	97.5	92.3	W	—	92.0
September 1999	92.8	86.6	90.8	79.0	W	87.1	100.7	95.0	91.8	79.5	—	91.4
October 1998	104.2	90.2	93.1	80.4	—	91.1	110.4	101.4	97.7	85.7	—	97.3
Nevada												
October 1999	97.7	97.5	84.6	81.5	W	82.7	109.1	108.9	90.4	87.5	—	89.5
September 1999	100.2	99.9	84.1	81.4	68.8	81.4	111.8	111.4	87.2	NA	—	87.4
October 1998	72.2	65.5	59.4	54.0	48.0	55.7	83.7	79.4	66.1	59.2	—	64.3
Oregon												
October 1999	96.4	95.2	86.1	78.3	NA	81.5	109.6	108.7	93.6	85.8	—	90.4
September 1999	100.3	98.3	88.9	76.7	W	81.8	110.5	109.2	96.4	84.5	—	91.2
October 1998	69.3	68.8	59.7	52.9	NA	55.5	79.8	78.5	66.5	60.1	—	63.8
Washington												
October 1999	93.6	93.4	87.0	81.4	W	84.3	105.7	105.4	93.9	87.7	—	91.3
September 1999	96.6	96.1	89.4	81.1	W	85.1	108.4	108.0	96.6	87.4	—	93.0
October 1998	66.2	66.3	59.1	54.5	NA	56.9	78.5	78.4	65.7	60.7	—	64.0

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												
October 1999	113.6	112.8	101.9	97.7	—	98.8	99.6	99.2	91.8	89.0	—	89.8
September 1999	114.3	113.6	104.4	103.7	—	103.9	100.5	100.1	94.3	94.8	—	94.6
October 1998	87.5	86.3	75.6	71.6	—	72.8	74.3	74.0	66.4	63.1	—	64.1
Montana												
October 1999	106.1	105.9	96.1	89.9	—	90.9	93.7	93.3	87.1	80.4	—	81.6
September 1999	105.6	105.6	96.2	91.7	—	92.5	95.3	94.9	87.1	82.1	—	83.1
October 1998	84.3	84.1	73.4	70.2	—	70.6	73.6	73.6	64.2	60.6	—	61.0
Utah												
October 1999	110.5	109.3	96.0	95.1	—	95.4	97.2	96.9	87.9	87.7	—	87.8
September 1999	113.3	112.5	100.1	99.6	—	99.7	100.5	100.2	91.3	92.0	—	91.8
October 1998	83.6	82.0	69.8	69.2	—	69.5	71.3	70.4	64.0	62.3	—	63.1
Wyoming												
October 1999	111.3	109.4	99.2	85.3	—	86.9	99.5	98.5	91.0	77.8	—	79.2
September 1999	110.8	109.3	102.6	89.7	—	91.3	99.3	98.3	93.7	81.8	—	83.3
October 1998	85.3	83.9	71.1	63.8	—	65.2	75.9	74.3	63.4	55.6	—	56.8
PAD District V												
October 1999	107.7	107.0	97.2	89.3	75.8	93.8	93.7	93.2	86.2	79.1	71.1	82.5
September 1999	111.6	110.5	99.5	90.1	75.1	95.2	97.3	96.5	88.5	79.5	70.1	83.7
October 1998	88.3	87.0	76.2	65.5	52.8	71.0	73.0	71.9	65.1	55.2	48.8	60.0
Alaska												
October 1999	126.0	125.8	105.3	94.2	—	98.4	110.9	110.6	95.2	83.4	W	87.2
September 1999	127.0	126.8	103.6	92.3	—	97.2	112.0	111.8	90.4	81.5	W	84.0
October 1998	113.2	113.2	94.0	80.2	—	86.9	97.9	98.1	85.1	70.0	W	75.6
Arizona												
October 1999	107.0	106.5	90.6	87.0	W	89.2	89.0	88.2	79.4	76.6	W	78.1
September 1999	104.8	104.3	88.1	87.5	80.6	87.6	87.5	86.8	77.1	77.0	72.8	77.0
October 1998	86.7	86.5	71.5	62.1	W	68.2	70.3	69.4	60.4	52.0	45.6	56.6
California												
October 1999	105.4	104.9	97.1	86.5	75.8	93.3	92.7	92.3	85.7	76.8	70.9	81.6
September 1999	111.1	110.2	100.1	88.1	75.1	95.5	97.7	97.1	88.9	78.0	69.9	83.4
October 1998	86.5	85.5	76.3	64.2	53.1	71.1	72.4	71.5	65.5	54.2	48.9	59.9
Hawaii												
October 1999	108.2	101.4	100.3	88.6	W	97.3	97.0	91.9	93.9	81.2	W	90.9
September 1999	108.8	101.9	100.1	88.3	W	96.3	97.6	91.0	93.4	81.4	W	90.2
October 1998	119.2	105.9	104.7	91.9	—	103.3	108.6	94.9	96.9	83.3	—	95.2
Nevada												
October 1999	118.0	117.4	98.1	94.3	W	95.2	102.2	101.8	87.1	83.6	W	85.0
September 1999	120.5	119.8	96.3	93.9	NA	93.8	104.5	104.1	86.1	83.7	69.3	83.6
October 1998	91.2	86.0	72.3	64.1	W	67.7	76.9	69.9	62.6	55.6	48.5	58.2
Oregon												
October 1999	116.8	113.9	NA	94.6	W	95.7	99.2	97.9	88.5	80.3	NA	83.8
September 1999	118.5	115.4	NA	93.1	W	96.2	102.7	100.6	91.0	78.7	W	84.0
October 1998	89.4	87.6	72.1	67.1	NA	67.5	72.2	71.6	62.0	55.2	NA	57.7
Washington												
October 1999	116.1	115.1	100.4	93.0	W	96.7	97.5	97.2	89.5	83.4	W	86.6
September 1999	118.6	117.2	102.8	93.0	W	97.2	100.3	99.7	91.9	83.0	W	87.4
October 1998	88.3	87.8	73.5	67.8	NA	69.3	70.6	70.5	62.0	56.9	NA	59.5

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.

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												
October 1999	81.0	80.8	74.3	67.1	61.6	67.8	89.9	89.6	80.5	70.8	-	74.2
September 1999	82.1	81.9	77.2	71.4	64.6	71.8	90.9	90.6	82.9	75.2	-	78.0
October 1998	59.9	59.7	53.2	47.4	42.5	48.1	68.9	68.6	59.4	51.9	-	54.9
PAD District I												
October 1999	80.3	79.9	73.7	66.1	62.4	67.5	89.4	89.0	80.7	70.1	-	74.0
September 1999	79.0	78.8	74.9	69.9	66.0	70.7	88.3	87.8	81.8	74.2	-	77.0
October 1998	57.8	57.5	51.0	46.8	43.0	48.0	67.4	67.1	58.0	51.2	-	53.9
Subdistrict IA												
October 1999	95.3	94.7	82.1	70.2	-	74.5	104.4	103.2	88.5	74.1	-	80.3
September 1999	89.2	88.9	83.0	72.5	W	76.2	98.4	97.6	88.7	77.1	-	82.0
October 1998	66.7	66.6	59.0	49.5	W	53.6	76.7	76.0	66.2	53.6	-	60.3
Connecticut												
October 1999	-	-	-	-	-	-	-	-	-	-	-	-
September 1999	-	-	-	-	-	-	-	-	-	-	-	-
October 1998	-	-	-	-	-	-	-	-	-	-	-	-
Maine												
October 1999	97.0	96.6	80.8	70.1	-	72.8	106.7	105.8	87.0	74.0	-	78.1
September 1999	89.5	89.3	82.1	72.3	W	74.7	99.2	98.5	87.4	77.0	-	80.1
October 1998	69.1	68.9	58.9	49.4	-	52.2	79.4	78.4	65.9	53.5	-	58.7
Massachusetts												
October 1999	-	-	-	-	-	-	-	-	-	-	-	-
September 1999	-	-	-	-	-	-	-	-	-	-	-	-
October 1998	-	-	-	-	W	W	-	-	-	-	-	-
New Hampshire												
October 1999	93.8	93.2	81.8	70.6	-	77.2	102.9	102.0	86.2	75.0	-	81.3
September 1999	88.5	88.3	83.1	73.3	-	78.6	98.0	97.5	87.5	77.1	-	82.9
October 1998	64.3	64.2	58.1	49.1	-	54.2	73.9	73.5	63.5	53.3	-	59.5
Rhode Island												
October 1999	-	-	-	-	-	-	-	-	-	-	-	-
September 1999	-	-	-	-	-	-	-	-	-	-	-	-
October 1998	-	-	-	-	-	-	-	-	-	-	-	-
Vermont												
October 1999	92.1	91.1	83.9	70.8	-	79.0	100.3	98.8	91.0	74.3	-	86.0
September 1999	89.0	88.4	84.1	73.7	-	80.3	96.9	95.5	90.7	78.1	-	87.3
October 1998	64.2	64.4	59.3	50.3	-	56.5	73.2	72.7	67.4	53.9	-	63.6
Subdistrict IB												
October 1999	84.0	83.6	74.5	68.7	62.6	67.9	91.1	90.7	80.3	71.6	-	75.4
September 1999	82.1	82.0	75.1	71.0	65.9	70.5	88.9	88.7	81.9	74.2	-	77.3
October 1998	58.4	58.4	51.5	47.3	42.8	47.6	66.9	66.7	56.7	51.6	-	54.0
Delaware												
October 1999	-	-	-	-	-	-	-	-	-	-	-	-
September 1999	-	-	-	-	-	-	-	-	-	-	-	-
October 1998	-	-	-	-	-	-	-	-	-	-	-	-
District of Columbia												
October 1999	-	-	-	-	-	-	-	-	-	-	-	-
September 1999	-	-	-	-	-	-	-	-	-	-	-	-
October 1998	-	-	-	-	-	-	-	-	-	-	-	-
Maryland												
October 1999	83.3	83.0	71.6	67.3	-	68.0	92.1	90.7	79.6	71.5	-	72.3
September 1999	82.1	81.9	73.3	69.9	-	70.5	90.5	89.5	80.0	73.8	-	74.4
October 1998	60.9	60.6	51.6	46.3	-	47.6	69.5	69.2	61.3	50.9	-	53.1
New Jersey												
October 1999	-	-	-	-	63.0	63.0	-	-	-	-	-	-
September 1999	-	-	-	-	66.5	66.5	-	-	-	-	-	-
October 1998	-	-	-	-	42.2	42.2	-	-	-	-	-	-
New York												
October 1999	86.8	85.9	75.1	69.6	W	70.9	95.5	93.9	NA	71.9	-	NA
September 1999	84.5	83.9	75.0	72.2	62.1	72.4	93.3	92.2	NA	74.8	-	NA
October 1998	59.7	59.2	51.9	47.8	NA	49.1	68.3	66.9	56.8	51.9	-	54.3
Pennsylvania												
October 1999	82.0	82.0	74.2	68.2	NA	68.2	89.5	89.4	79.9	71.5	-	75.3
September 1999	80.4	80.5	75.2	70.3	NA	70.7	87.3	87.3	82.3	74.0	-	77.5
October 1998	57.5	57.7	51.2	47.1	43.7	48.0	66.3	66.4	56.6	51.6	-	54.0

See footnotes at end of table.

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

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Month	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												
October 1999	97.7	96.9	87.5	76.6	65.3	77.9	84.3	84.0	77.2	68.7	62.1	69.8
September 1999	98.5	97.7	89.7	80.9	68.8	81.8	85.4	85.2	79.9	73.1	65.2	73.8
October 1998	76.9	76.2	64.9	57.2	47.1	59.0	63.7	63.4	56.1	49.4	42.8	50.4
PAD District I												
October 1999	97.5	96.7	87.5	75.5	NA	78.5	84.4	83.9	77.3	68.1	62.9	70.0
September 1999	96.4	95.7	88.1	79.6	NA	81.6	83.2	82.9	78.5	72.0	66.4	73.3
October 1998	75.8	75.1	62.4	56.7	47.8	58.6	62.7	62.4	54.4	49.2	43.6	50.7
Subdistrict IA												
October 1999	112.0	110.9	92.6	79.0	W	81.8	97.8	97.1	83.9	71.4	W	75.9
September 1999	106.7	105.6	93.9	81.4	-	86.8	92.0	91.6	85.0	73.8	W	77.8
October 1998	86.0	85.5	71.8	58.6	-	65.4	70.4	70.2	61.6	50.9	W	55.8
Connecticut												
October 1999	-	-	-	-	-	-	-	-	-	-	-	-
September 1999	-	-	-	-	-	-	-	-	-	-	-	-
October 1998	-	-	-	-	-	-	-	-	-	-	-	-
Maine												
October 1999	115.1	113.3	90.5	79.0	W	NA	99.5	99.0	82.2	71.3	W	73.9
September 1999	108.0	106.2	92.4	81.1	-	84.1	92.2	91.9	83.7	73.5	W	76.0
October 1998	89.8	89.2	72.0	58.3	-	63.1	73.0	72.7	61.6	50.8	-	54.1
Massachusetts												
October 1999	-	-	-	-	-	-	-	-	-	-	-	-
September 1999	-	-	-	-	-	-	-	-	-	-	-	-
October 1998	-	-	-	-	-	-	-	-	-	-	W	W
New Hampshire												
October 1999	111.0	111.0	92.7	79.9	-	88.4	96.6	96.0	83.6	71.9	-	78.9
September 1999	106.5	106.5	94.6	82.3	-	90.3	91.6	91.4	85.2	74.6	-	80.5
October 1998	83.9	83.9	70.1	58.8	-	66.4	67.9	67.8	60.5	50.5	-	56.4
Rhode Island												
October 1999	-	-	-	-	-	-	-	-	-	-	-	-
September 1999	-	-	-	-	-	-	-	-	-	-	-	-
October 1998	-	-	-	-	-	-	-	-	-	-	-	-
Vermont												
October 1999	107.4	106.9	94.0	78.5	-	89.3	94.7	93.7	86.0	71.9	-	81.0
September 1999	104.5	104.0	94.8	82.3	-	91.1	91.7	91.0	86.4	75.1	-	82.5
October 1998	81.5	81.1	72.1	59.4	-	68.5	67.6	67.6	62.0	51.9	-	58.9
Subdistrict IB												
October 1999	99.4	98.4	86.1	77.4	NA	77.0	86.7	86.3	76.7	70.0	62.9	69.4
September 1999	97.5	96.8	86.5	80.1	NA	79.4	84.9	84.7	77.4	72.5	66.3	72.1
October 1998	74.5	74.0	62.7	56.7	47.6	57.5	61.9	61.8	54.0	49.0	43.4	49.6
Delaware												
October 1999	-	-	-	-	-	-	-	-	-	-	-	-
September 1999	-	-	-	-	-	-	-	-	-	-	-	-
October 1998	-	-	-	-	-	-	-	-	-	-	-	-
District of Columbia												
October 1999	-	-	-	-	-	-	-	-	-	-	-	-
September 1999	-	-	-	-	-	-	-	-	-	-	-	-
October 1998	-	-	-	-	-	-	-	-	-	-	-	-
Maryland												
October 1999	98.8	97.9	80.4	78.0	-	78.4	87.0	86.4	73.4	69.1	-	69.8
September 1999	97.4	96.1	82.4	80.5	-	80.8	85.7	85.2	75.0	71.9	-	72.4
October 1998	77.1	76.5	62.9	56.9	-	58.1	65.4	65.1	54.2	48.6	-	49.9
New Jersey												
October 1999	-	-	-	-	69.5	69.5	-	-	-	-	63.2	63.2
September 1999	-	W	-	-	72.4	72.4	-	W	-	-	66.9	66.9
October 1998	-	-	-	-	47.3	47.3	-	-	-	-	42.5	42.5
New York												
October 1999	102.6	100.4	NA	78.0	W	80.8	89.2	88.2	77.0	70.7	62.1	72.3
September 1999	100.1	98.4	86.3	81.2	W	82.9	87.0	86.3	76.9	73.4	62.5	73.9
October 1998	75.5	74.2	63.2	57.1	W	59.3	62.5	61.9	53.9	49.2	NA	50.8
Pennsylvania												
October 1999	97.7	97.2	85.9	77.1	NA	75.7	85.1	85.1	76.6	69.7	NA	69.9
September 1999	96.1	96.0	86.8	79.5	W	78.6	83.5	83.5	77.8	71.9	NA	72.5
October 1998	73.8	73.7	62.4	56.5	47.7	57.1	61.4	61.5	54.0	48.9	44.8	50.1

See footnotes at end of table.

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

Geographic Area Month	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												
October 1999	78.1	77.8	72.3	65.0	60.2	66.7	88.4	88.0	80.5	69.7	—	73.5
September 1999	77.4	77.2	73.9	69.4	66.3	70.4	87.7	87.2	81.5	74.1	—	76.7
October 1998	57.1	56.8	50.4	46.6	NA	47.8	67.3	67.0	58.0	51.1	—	53.7
Florida												
October 1999	80.6	80.0	76.1	65.4	W	68.7	91.8	91.4	85.2	69.8	—	77.1
September 1999	79.2	78.9	75.9	69.5	67.2	71.4	90.4	89.8	84.7	73.7	—	78.9
October 1998	58.9	58.3	51.3	46.7	NA	48.1	70.1	69.3	58.8	50.7	—	54.1
Georgia												
October 1999	76.1	76.1	67.8	64.6	W	65.2	85.9	85.7	74.9	69.3	—	71.3
September 1999	76.2	76.2	70.1	69.5	W	69.6	85.9	85.8	76.4	74.3	—	75.1
October 1998	55.5	55.5	49.4	46.2	—	47.2	64.5	64.7	54.6	51.2	—	52.8
North Carolina												
October 1999	76.9	76.4	72.2	65.0	W	66.4	87.0	86.4	80.2	70.1	—	72.8
September 1999	76.0	75.7	75.5	69.3	64.6	70.4	86.2	85.7	83.5	74.3	—	76.6
October 1998	56.2	55.5	47.4	46.6	—	46.9	66.3	66.0	59.8	51.2	—	53.7
South Carolina												
October 1999	76.0	75.7	68.3	64.9	—	65.5	86.6	86.2	73.6	69.6	—	70.4
September 1999	76.2	76.0	71.5	69.4	—	69.8	86.6	86.3	77.4	74.2	—	74.8
October 1998	54.6	54.8	48.3	46.7	—	47.2	64.6	64.4	54.3	51.5	—	52.3
Virginia												
October 1999	79.1	78.9	72.2	65.1	61.3	66.1	87.9	87.4	76.1	69.4	—	71.2
September 1999	77.8	77.7	73.2	69.0	NA	69.6	86.9	86.4	76.5	73.3	—	74.2
October 1998	59.1	59.3	55.0	46.3	NA	49.7	69.1	68.9	62.3	50.4	—	54.8
West Virginia												
October 1999	78.3	78.0	73.0	67.6	—	70.3	87.0	86.8	78.0	72.5	—	75.7
September 1999	77.7	77.7	75.7	71.6	—	73.7	86.4	86.1	80.8	76.4	—	79.0
October 1998	57.8	57.8	56.1	50.1	—	53.9	66.7	66.5	61.2	54.7	—	58.7
PAD District II												
October 1999	78.8	78.7	71.7	65.6	61.3	66.4	86.7	86.6	77.8	68.9	—	71.8
September 1999	81.7	81.5	75.7	70.8	65.5	71.3	90.1	89.9	81.5	74.1	—	76.6
October 1998	59.7	59.7	52.5	46.9	43.4	47.9	67.7	67.6	58.3	51.6	—	54.1
Illinois												
October 1999	80.9	80.9	77.8	65.7	63.6	65.9	84.9	85.2	76.8	69.2	—	70.5
September 1999	82.5	82.3	81.4	70.2	62.6	69.0	87.9	88.1	82.3	74.2	—	75.5
October 1998	61.0	61.2	55.7	46.1	44.6	46.5	63.9	64.5	54.8	49.1	—	50.5
Indiana												
October 1999	76.8	76.8	73.7	64.6	W	66.2	84.8	84.9	78.5	67.3	—	70.8
September 1999	79.8	79.8	76.5	69.7	63.9	70.8	88.1	88.3	82.0	72.5	—	75.5
October 1998	59.7	59.7	52.0	45.9	42.1	47.1	67.6	67.5	57.6	49.6	—	52.9
Iowa												
October 1999	76.6	77.2	73.7	65.9	—	66.4	82.3	82.6	76.7	68.2	—	69.8
September 1999	79.6	80.1	74.9	71.4	—	71.7	84.7	85.0	77.8	73.4	—	74.4
October 1998	58.5	59.0	51.7	47.9	—	48.3	65.5	65.4	56.3	55.9	—	56.0
Kansas												
October 1999	77.5	77.4	69.2	65.0	W	64.9	84.0	83.9	77.4	69.1	—	72.4
September 1999	78.6	78.7	74.8	70.9	66.5	70.7	85.8	85.8	82.2	74.7	—	77.7
October 1998	58.5	58.2	52.7	46.9	W	47.2	63.6	63.5	NA	51.5	—	53.0
Kentucky												
October 1999	81.5	80.5	71.9	66.4	—	67.4	90.1	89.1	78.9	70.6	—	72.6
September 1999	83.2	82.0	74.8	71.0	—	71.6	92.0	90.9	81.9	75.3	—	76.9
October 1998	59.3	58.8	51.9	47.8	W	48.5	69.2	68.7	56.9	52.0	—	53.4
Michigan												
October 1999	78.7	78.4	70.3	65.7	W	67.2	87.8	88.1	76.0	68.6	—	73.3
September 1999	82.2	81.8	74.6	70.9	—	72.1	92.1	92.1	80.6	74.0	—	78.2
October 1998	58.9	58.8	50.7	46.8	—	48.5	68.3	68.4	57.3	50.2	—	55.2
Minnesota												
October 1999	—	—	—	67.1	W	66.5	—	—	—	69.7	—	69.7
September 1999	—	—	—	73.3	W	73.0	—	—	—	75.8	—	75.8
October 1998	—	—	—	48.0	W	47.5	—	—	—	55.7	—	55.7
Missouri												
October 1999	77.9	77.7	69.7	65.4	—	66.3	86.4	85.8	78.7	67.9	—	71.8
September 1999	80.0	79.9	74.0	70.4	—	71.1	89.3	88.7	83.2	73.2	—	76.8
October 1998	56.8	57.4	54.5	46.5	—	48.9	65.0	65.5	57.2	51.1	—	54.5

See footnotes at end of table.

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

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Month	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												
October 1999	96.7	96.0	87.5	75.0	W	78.7	83.0	82.5	77.0	67.4	61.6	69.8
September 1999	95.9	95.2	88.1	79.4	70.3	82.0	82.3	82.0	78.3	71.8	66.7	73.5
October 1998	75.9	75.0	62.0	56.7	W	58.7	62.6	62.3	54.2	49.2	NA	50.9
Florida												
October 1999	98.8	98.3	91.9	75.2	—	82.8	85.8	85.2	82.0	67.7	W	72.9
September 1999	97.4	96.7	91.3	79.6	W	84.7	84.4	84.0	81.7	71.9	67.5	75.3
October 1998	77.2	76.0	65.0	56.8	W	60.2	64.6	64.0	56.9	49.3	W	51.9
Georgia												
October 1999	94.3	93.8	79.6	74.7	W	76.0	80.7	80.7	71.1	66.9	W	67.8
September 1999	94.2	93.8	81.2	79.7	W	80.0	80.8	80.9	73.3	71.8	W	72.1
October 1998	73.4	73.5	61.1	56.3	—	58.1	60.4	60.7	52.8	48.8	—	50.2
North Carolina												
October 1999	95.9	94.7	87.3	75.0	—	77.6	81.8	81.2	76.3	67.4	W	69.3
September 1999	95.0	94.1	90.4	79.1	—	81.4	81.1	80.6	79.6	71.8	64.6	73.3
October 1998	75.9	74.5	57.3	56.9	—	57.0	62.1	61.4	50.8	49.4	—	49.9
South Carolina												
October 1999	96.1	95.5	80.0	75.2	—	76.0	80.8	80.4	71.0	67.2	—	67.8
September 1999	96.6	96.0	83.3	79.8	—	80.4	81.2	80.8	74.2	71.8	—	72.2
October 1998	73.5	73.1	59.2	56.8	—	57.4	59.7	59.7	51.2	49.3	—	49.8
Virginia												
October 1999	97.3	96.4	83.9	74.6	NA	76.2	83.5	83.1	75.2	67.2	NA	68.5
September 1999	95.9	95.2	84.1	78.5	W	79.5	82.3	82.1	76.1	71.2	W	72.0
October 1998	78.1	77.7	64.2	56.3	W	59.7	64.6	64.6	57.7	48.8	W	52.3
West Virginia												
October 1999	95.2	92.9	83.6	77.6	—	80.5	81.6	81.2	75.3	69.7	—	72.6
September 1999	94.4	92.8	85.9	81.6	—	83.8	80.9	80.9	78.0	73.7	—	75.9
October 1998	75.6	75.3	68.1	60.3	—	65.2	61.7	61.6	58.8	52.5	—	56.5
PAD District II												
October 1999	94.1	93.4	83.8	74.7	62.9	76.6	81.4	81.2	74.0	66.9	61.4	68.0
September 1999	96.7	95.9	87.9	80.0	68.2	81.7	84.3	84.0	78.1	72.1	65.6	72.9
October 1998	75.4	74.8	64.8	56.3	47.2	58.5	62.7	62.5	55.0	48.5	43.6	49.8
Illinois												
October 1999	93.7	93.6	92.7	75.0	W	75.8	82.8	82.8	79.9	66.8	63.7	67.1
September 1999	96.2	95.7	95.7	79.9	W	80.8	84.7	84.5	83.6	71.5	62.7	70.5
October 1998	73.8	73.8	61.3	56.0	W	55.1	62.6	62.9	56.1	47.5	44.7	47.7
Indiana												
October 1999	90.5	90.4	85.3	73.6	W	75.8	79.5	79.5	76.0	65.9	63.4	67.8
September 1999	93.3	93.2	88.3	78.8	W	80.9	82.4	82.5	79.0	71.1	64.3	72.5
October 1998	75.3	74.9	64.1	55.6	—	58.3	63.2	63.1	54.7	47.6	42.1	49.3
Iowa												
October 1999	87.0	87.1	85.6	74.7	—	76.1	77.9	78.4	75.6	66.7	—	67.5
September 1999	89.4	89.4	88.3	80.4	—	81.6	80.9	81.3	77.0	72.2	—	72.7
October 1998	68.6	68.7	59.9	57.1	—	57.7	59.9	60.4	53.7	49.5	—	50.0
Kansas												
October 1999	89.2	89.1	78.5	72.4	W	73.6	78.9	NA	70.8	65.8	W	65.8
September 1999	92.1	91.9	84.4	78.4	W	79.7	80.2	80.2	76.4	71.7	66.6	71.6
October 1998	70.9	70.6	61.9	54.2	W	55.8	60.0	59.5	53.9	47.7	W	48.2
Kentucky												
October 1999	98.7	96.4	84.3	76.1	—	77.4	85.0	83.8	74.5	68.3	—	69.4
September 1999	99.9	97.2	86.5	80.7	—	81.6	86.7	85.2	77.3	72.9	—	73.7
October 1998	78.1	76.8	62.7	57.8	—	59.0	63.8	63.2	54.4	50.0	W	50.8
Michigan												
October 1999	94.3	93.8	82.9	75.4	—	78.4	80.9	80.8	72.6	66.9	W	68.9
September 1999	97.5	96.8	87.4	80.9	—	83.4	84.6	84.3	77.0	72.2	—	73.9
October 1998	74.7	73.9	63.2	57.3	—	60.0	61.5	61.3	53.2	48.4	—	50.5
Minnesota												
October 1999	100.5	100.6	86.9	75.7	—	77.0	100.5	100.6	86.9	68.2	W	67.8
September 1999	100.0	99.2	90.4	81.6	—	82.7	100.0	99.2	90.4	74.4	W	74.2
October 1998	75.5	75.6	61.9	57.6	W	57.1	75.5	75.6	61.9	49.3	W	48.7
Missouri												
October 1999	94.7	93.0	78.4	73.7	—	74.7	80.0	79.8	71.3	66.4	—	67.4
September 1999	97.0	95.1	82.5	78.9	—	79.7	82.3	82.0	75.5	71.4	—	72.2
October 1998	73.6	73.6	67.1	54.9	—	59.5	59.5	59.9	56.8	47.7	—	50.6

See footnotes at end of table.

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

Geographic Area Month	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												
October 1999	78.9	79.0	70.8	65.8	—	66.4	84.0	83.8	73.9	68.5	—	70.4
September 1999	80.2	80.4	73.2	71.3	—	71.6	86.7	86.6	80.4	73.6	—	75.5
October 1998	60.6	61.2	50.7	47.7	—	48.2	65.8	65.2	59.7	52.8	—	54.5
North Dakota												
October 1999	88.8	85.2	75.3	68.1	—	69.5	96.7	94.6	76.4	73.1	—	75.1
September 1999	87.4	85.0	78.6	73.4	—	74.4	96.2	95.3	80.7	78.6	—	79.7
October 1998	69.9	69.9	54.6	49.3	—	50.2	76.5	76.1	NA	56.5	—	57.4
Ohio												
October 1999	79.8	79.6	73.5	66.6	W	68.8	89.7	89.1	80.5	69.6	—	74.4
September 1999	86.0	85.5	78.8	71.7	W	73.9	96.1	95.1	85.5	74.7	—	79.5
October 1998	62.5	62.0	55.0	47.1	44.3	49.9	71.6	71.1	61.8	50.4	—	56.3
Oklahoma												
October 1999	75.5	75.4	67.2	64.0	60.5	62.9	81.3	81.2	73.9	65.6	—	70.2
September 1999	78.1	78.1	71.9	69.4	66.2	68.4	84.8	84.7	79.2	71.7	—	75.8
October 1998	58.2	58.1	48.8	46.4	43.0	45.3	64.5	64.4	55.2	48.8	—	53.5
South Dakota												
October 1999	86.8	86.6	75.5	67.8	—	69.9	89.3	89.5	76.0	NA	—	NA
September 1999	86.1	86.1	77.7	72.6	—	73.9	90.7	90.9	75.3	NA	—	NA
October 1998	69.2	69.5	54.4	49.0	—	50.3	70.3	71.1	54.7	NA	—	54.1
Tennessee												
October 1999	76.7	76.3	72.1	64.8	—	65.7	86.4	86.6	79.2	69.3	—	71.6
September 1999	76.9	76.6	73.1	69.8	—	70.3	86.9	87.2	80.5	74.7	—	76.2
October 1998	56.4	56.2	52.3	46.7	—	47.5	65.5	65.4	61.0	51.4	—	53.4
Wisconsin												
October 1999	83.2	82.7	72.7	66.1	—	67.1	89.4	89.4	78.2	69.0	—	69.7
September 1999	85.4	84.9	77.3	71.5	—	72.3	91.7	91.8	81.8	74.5	—	75.5
October 1998	61.0	60.7	52.0	46.0	W	46.6	68.5	68.5	NA	51.2	—	52.0
PAD District III												
October 1999	79.5	79.5	71.0	65.8	60.4	64.9	88.9	88.6	76.8	69.8	—	72.0
September 1999	79.0	79.1	74.5	69.8	62.8	68.6	87.8	87.6	79.4	74.0	—	75.6
October 1998	57.6	57.3	51.5	45.8	41.6	45.1	67.8	67.2	57.2	50.2	—	52.3
Alabama												
October 1999	78.6	78.6	74.4	65.5	—	67.7	87.8	87.8	83.2	70.4	—	74.8
September 1999	78.6	78.5	77.9	70.0	—	72.0	86.9	86.9	85.8	74.9	—	78.7
October 1998	59.3	59.0	52.2	46.6	—	48.3	68.1	67.3	57.8	51.2	—	53.8
Arkansas												
October 1999	77.8	77.7	70.2	65.4	W	65.5	86.3	86.1	77.5	69.1	—	71.0
September 1999	76.7	76.7	72.2	69.4	W	69.1	85.4	85.3	79.1	73.2	—	74.6
October 1998	57.4	56.6	50.7	47.1	W	47.5	67.0	65.9	54.3	50.9	—	51.8
Louisiana												
October 1999	81.1	80.4	72.1	64.9	60.0	64.6	91.4	90.5	76.3	69.1	—	72.1
September 1999	79.1	78.7	72.9	68.6	61.5	68.1	89.7	89.0	76.6	73.4	—	74.7
October 1998	57.2	56.7	54.3	45.3	40.3	46.1	68.9	68.2	60.2	49.7	—	53.5
Mississippi												
October 1999	80.1	79.9	69.3	64.4	62.8	64.3	88.9	88.6	76.2	69.1	—	70.0
September 1999	78.6	78.5	71.4	68.7	61.7	67.6	86.8	86.6	77.7	73.5	—	73.9
October 1998	60.7	60.5	54.4	45.7	41.9	47.3	70.4	70.1	60.9	50.3	—	54.0
New Mexico												
October 1999	91.4	91.0	76.4	75.5	—	75.6	102.0	101.2	77.5	80.4	—	79.5
September 1999	89.5	89.2	79.8	78.1	—	78.4	99.4	98.9	84.1	82.8	—	83.2
October 1998	63.4	63.0	52.7	49.0	—	49.7	72.4	72.1	60.1	53.8	—	54.8
Texas												
October 1999	77.5	77.8	68.8	65.5	60.3	63.6	86.5	86.2	72.7	69.3	—	70.3
September 1999	77.9	78.2	73.6	69.5	63.1	67.4	86.4	86.3	76.5	73.4	—	74.4
October 1998	55.8	55.7	48.7	45.1	41.7	43.5	65.6	65.1	52.7	49.3	—	50.0
PAD District IV												
October 1999	92.0	91.7	84.8	79.8	W	80.8	102.0	101.8	90.7	85.6	—	87.3
September 1999	93.9	93.6	87.3	83.8	W	84.6	104.6	104.4	92.2	89.9	—	90.8
October 1998	68.6	68.1	60.1	56.0	W	57.0	78.4	77.9	64.6	61.9	—	63.1
Colorado												
October 1999	90.1	89.5	80.5	74.0	W	75.3	102.5	102.3	87.7	78.4	—	82.5
September 1999	92.1	91.6	83.5	79.5	W	80.4	105.0	104.8	89.7	83.6	—	86.7
October 1998	67.8	66.8	53.5	49.1	W	50.1	80.2	79.4	59.3	53.7	—	56.2

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												
October 1999	90.4	90.3	83.2	74.2	—	76.0	80.4	80.4	72.3	66.4	—	67.3
September 1999	92.4	92.2	87.4	79.7	—	81.1	81.8	81.9	75.2	72.0	—	72.4
October 1998	73.1	72.7	61.3	55.8	—	56.9	62.3	62.4	53.1	48.8	—	49.5
North Dakota												
October 1999	97.8	NA	85.1	77.7	—	79.9	90.0	86.4	76.1	68.7	—	70.5
September 1999	96.6	NA	88.6	82.8	—	84.4	88.6	86.3	79.6	74.1	—	75.3
October 1998	75.9	75.1	64.3	58.1	—	59.8	70.7	70.7	55.8	50.1	—	51.1
Ohio												
October 1999	97.3	96.4	85.9	76.1	W	79.9	83.0	82.7	76.1	67.9	62.7	70.7
September 1999	102.8	101.6	91.9	81.2	—	85.5	89.1	88.5	81.5	73.0	W	75.9
October 1998	79.5	78.7	68.2	57.1	—	62.2	66.1	65.6	58.0	48.8	44.3	52.3
Oklahoma												
October 1999	90.3	89.9	74.7	71.3	W	70.8	77.8	77.7	68.1	65.0	60.5	63.7
September 1999	91.6	91.2	80.0	76.6	68.6	75.8	80.4	80.2	73.2	70.4	66.3	69.2
October 1998	70.7	70.2	56.7	53.8	47.5	53.1	60.8	60.5	50.2	47.6	43.3	46.3
South Dakota												
October 1999	99.2	99.1	82.3	77.4	—	78.7	87.9	87.8	75.9	68.2	—	70.3
September 1999	100.4	99.7	85.1	82.3	—	83.1	87.7	87.7	77.9	73.0	—	74.3
October 1998	83.6	83.4	61.2	58.1	—	58.9	70.0	70.4	54.8	50.0	—	51.2
Tennessee												
October 1999	94.8	94.2	85.9	74.9	—	76.4	81.3	81.0	76.1	67.1	—	68.4
September 1999	95.0	94.6	87.5	80.1	—	81.2	81.5	81.2	77.2	72.3	—	73.1
October 1998	75.7	75.1	66.8	56.7	—	58.2	61.7	61.4	56.8	49.5	—	50.6
Wisconsin												
October 1999	94.7	94.0	83.2	75.5	—	76.6	84.6	84.1	73.9	67.1	—	68.1
September 1999	97.7	97.0	87.6	81.1	—	82.1	86.9	86.5	78.5	72.5	—	73.4
October 1998	74.1	73.5	61.9	56.0	—	56.6	62.9	62.6	53.3	47.2	W	47.8
PAD District III												
October 1999	96.1	95.6	84.7	75.5	64.7	72.9	83.0	82.9	74.0	67.6	61.3	66.7
September 1999	96.2	95.8	87.3	79.7	68.4	77.1	82.6	82.5	77.2	71.7	64.0	70.5
October 1998	75.1	74.6	63.6	55.8	45.4	55.8	61.8	61.3	54.5	48.0	41.9	47.1
Alabama												
October 1999	96.1	95.7	88.5	76.0	—	79.4	82.7	82.6	78.7	68.0	—	70.8
September 1999	96.2	95.5	92.6	80.5	—	83.8	82.6	82.4	82.2	72.6	—	75.2
October 1998	76.8	76.1	65.7	57.0	—	59.7	64.1	63.6	55.9	49.4	—	51.4
Arkansas												
October 1999	93.4	92.8	82.4	74.8	W	75.1	81.0	80.9	73.0	67.0	W	67.3
September 1999	93.2	92.7	84.5	78.9	W	77.0	80.1	80.0	74.9	71.0	W	70.8
October 1998	75.4	73.2	61.2	56.8	W	56.1	61.0	59.8	53.0	49.1	W	49.5
Louisiana												
October 1999	99.4	97.5	86.2	74.9	W	72.8	85.6	84.7	75.7	67.0	61.8	67.1
September 1999	97.4	95.7	85.7	78.9	66.6	75.8	83.7	83.0	76.2	70.9	63.5	70.5
October 1998	76.9	75.3	66.8	55.2	42.2	55.8	63.0	62.2	58.1	47.8	40.7	48.9
Mississippi												
October 1999	96.7	96.2	82.7	74.8	66.8	73.8	84.1	83.8	72.6	66.7	63.4	66.4
September 1999	98.0	97.2	84.2	79.1	W	77.4	82.8	82.6	74.5	71.0	62.3	69.8
October 1998	79.5	78.8	66.7	55.9	W	57.9	65.5	65.2	57.3	48.2	42.1	49.9
New Mexico												
October 1999	107.7	105.8	89.3	85.1	—	85.4	94.2	93.6	77.4	76.9	—	77.0
September 1999	104.5	103.4	89.9	87.7	—	87.9	92.2	91.8	81.2	79.6	—	79.8
October 1998	79.9	79.4	62.2	58.4	—	59.1	66.3	65.8	54.7	50.7	—	51.4
Texas												
October 1999	94.0	94.0	80.0	74.9	64.3	69.8	80.6	80.7	70.5	66.9	61.0	64.9
September 1999	94.8	94.9	83.8	79.1	69.3	74.7	81.0	81.3	75.1	71.0	64.2	68.8
October 1998	72.4	72.4	58.7	54.7	45.9	52.8	59.5	59.2	50.7	46.8	41.9	44.7
PAD District IV												
October 1999	111.2	109.7	94.6	89.3	W	90.6	96.3	95.7	87.1	81.7	W	82.9
September 1999	112.8	111.5	97.3	93.6	W	94.4	98.3	97.7	89.4	85.7	W	86.7
October 1998	87.4	85.1	68.9	66.3	W	67.1	73.4	72.4	62.6	58.3	W	59.5
Colorado												
October 1999	112.3	110.4	90.6	82.9	W	85.1	95.6	94.8	83.7	75.8	W	77.6
September 1999	114.7	112.7	93.5	88.7	W	89.9	97.8	97.0	86.4	81.2	W	82.7
October 1998	90.4	87.0	62.8	58.5	W	59.8	73.8	72.5	56.6	51.2	W	52.5

See footnotes at end of table.

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

Geographic Area Month	Regular						Midgrade					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
Idaho												
October 1999	97.4	97.3	90.1	87.6	—	88.3	105.1	104.7	98.0	91.5	—	93.0
September 1999	98.1	98.1	92.7	93.3	—	93.1	106.1	105.8	100.1	97.5	—	98.1
October 1998	71.7	71.7	64.5	61.3	—	62.3	79.6	79.3	69.5	66.2	—	67.2
Montana												
October 1999	91.5	91.2	84.8	78.5	—	79.5	96.2	96.1	W	83.2	—	86.7
September 1999	92.8	92.5	84.7	80.1	—	81.0	98.9	98.9	W	85.1	—	88.0
October 1998	71.2	71.4	62.0	57.9	—	58.5	75.5	75.8	65.0	63.2	—	63.3
Utah												
October 1999	92.8	92.5	85.3	85.3	—	85.3	101.5	101.4	92.0	90.7	—	91.1
September 1999	96.1	95.9	88.9	89.7	—	89.4	105.1	104.9	94.3	95.1	—	94.9
October 1998	66.3	65.6	60.8	59.4	—	60.0	75.3	74.9	66.0	65.3	—	65.7
Wyoming												
October 1999	96.4	95.7	88.1	76.4	—	77.6	105.1	104.4	100.1	NA	—	NA
September 1999	96.2	95.5	90.9	80.4	—	81.6	104.8	104.1	101.9	NA	—	NA
October 1998	72.8	71.5	60.8	53.6	—	54.6	80.0	79.2	69.0	64.2	—	66.3
PAD District V												
October 1999	96.3	95.1	84.8	79.1	71.2	80.5	105.6	105.1	92.2	85.5	—	89.2
September 1999	97.8	96.3	85.8	78.9	68.3	80.7	107.2	106.3	93.1	85.6	—	90.0
October 1998	70.5	68.8	61.2	53.5	47.1	56.3	80.5	79.6	68.3	59.2	—	65.0
Alaska												
October 1999	109.0	108.7	NA	81.6	W	84.7	NA	NA	95.4	W	—	94.3
September 1999	109.9	109.7	88.6	80.7	W	82.8	NA	NA	94.4	W	—	93.8
October 1998	95.0	95.5	84.2	68.1	W	73.7	106.8	104.3	82.2	81.1	—	81.8
Arizona												
October 1999	91.7	90.4	77.1	74.5	W	75.2	98.4	98.1	NA	80.6	—	81.3
September 1999	88.5	87.4	77.5	75.3	W	76.1	96.2	95.8	82.6	81.4	—	82.1
October 1998	64.8	63.7	55.8	49.2	44.6	52.0	73.7	73.4	61.9	54.7	—	59.6
California												
October 1999	—	—	—	77.2	NA	NA	—	—	—	81.6	—	81.6
September 1999	—	—	—	NA	65.0	67.8	—	—	—	NA	—	NA
October 1998	—	—	—	51.3	46.9	47.4	—	—	—	56.1	—	56.1
Hawaii												
October 1999	91.8	87.4	91.3	78.7	W	87.8	100.4	97.5	92.3	W	—	92.0
September 1999	92.8	86.6	90.8	79.0	W	87.1	100.7	95.0	91.8	79.5	—	91.4
October 1998	104.2	90.2	93.1	80.4	—	91.1	110.4	101.4	97.7	85.7	—	97.3
Nevada												
October 1999	97.9	98.2	NA	80.4	W	82.8	106.2	106.2	NA	85.2	—	92.1
September 1999	100.2	100.0	85.5	80.9	NA	81.3	111.8	111.5	88.5	87.1	—	88.0
October 1998	69.7	NA	59.1	52.9	48.0	53.6	79.1	NA	66.6	57.2	—	62.8
Oregon												
October 1999	96.4	95.1	85.6	78.0	NA	80.2	108.7	107.8	93.0	85.4	—	89.1
September 1999	100.2	98.2	87.5	76.7	W	80.5	110.4	109.1	96.0	84.5	—	90.6
October 1998	69.5	69.0	59.6	52.7	NA	54.7	79.8	78.5	65.6	59.6	—	62.6
Washington												
October 1999	95.9	95.2	84.2	80.4	W	81.9	106.4	106.1	92.6	86.6	—	89.9
September 1999	98.1	97.2	86.9	80.7	W	83.0	108.8	108.3	96.0	86.9	—	91.9
October 1998	66.1	66.2	58.5	53.3	NA	56.1	78.3	78.2	64.9	59.7	—	63.1

See footnotes at end of table.

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

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average	Through Retail Outlets	Average ^a	DTW	Rack	Bulk	Average
Idaho												
October 1999	113.6	112.8	101.9	97.7	—	98.8	99.6	99.2	91.8	89.0	—	89.8
September 1999	114.3	113.6	104.4	103.7	—	103.9	100.5	100.1	94.3	94.8	—	94.6
October 1998	87.5	86.3	75.6	71.6	—	72.8	74.3	74.0	66.4	63.1	—	64.1
Montana												
October 1999	106.1	105.9	96.1	89.8	—	90.9	93.7	93.3	87.1	80.4	—	81.6
September 1999	105.6	105.6	96.2	91.7	—	92.5	95.3	94.9	87.1	82.1	—	83.1
October 1998	84.3	84.1	73.4	70.0	—	70.4	73.6	73.6	64.2	60.4	—	60.9
Utah												
October 1999	110.5	109.3	96.0	95.1	—	95.4	97.2	96.9	87.9	87.7	—	87.8
September 1999	113.3	112.5	100.1	99.6	—	99.7	100.5	100.2	91.3	92.0	—	91.8
October 1998	83.6	82.0	69.8	69.1	—	69.4	71.3	70.4	64.0	62.2	—	63.0
Wyoming												
October 1999	111.3	109.4	99.2	85.3	—	86.9	99.5	98.5	91.0	77.8	—	79.2
September 1999	110.8	109.3	102.6	89.7	—	91.3	99.3	98.3	93.7	81.8	—	83.3
October 1998	85.3	83.9	71.1	63.8	—	65.2	75.9	74.3	63.4	55.6	—	56.8
PAD District V												
October 1999	114.7	112.5	99.2	92.0	NA	93.7	99.4	98.2	87.6	81.0	NA	82.9
September 1999	115.8	113.6	100.1	92.1	NA	93.9	101.0	99.4	88.5	80.8	68.7	83.1
October 1998	92.2	89.6	77.3	66.5	51.3	69.2	74.3	72.5	64.3	55.5	48.0	58.9
Alaska												
October 1999	126.6	126.4	105.7	93.4	—	96.8	110.9	110.6	NA	82.8	W	86.0
September 1999	127.4	127.2	103.8	92.3	—	96.5	111.8	111.6	90.1	81.5	W	83.9
October 1998	113.3	113.2	94.3	79.2	—	85.7	97.8	98.1	85.1	69.4	W	75.0
Arizona												
October 1999	110.2	109.5	89.6	86.8	W	87.9	94.9	93.6	79.0	76.3	W	77.0
September 1999	107.2	106.3	90.2	87.4	80.6	88.3	92.1	90.9	79.5	77.0	72.8	78.0
October 1998	85.4	85.1	68.4	60.9	W	64.9	68.1	66.9	57.9	50.8	45.6	54.1
California												
October 1999	—	—	—	88.9	W	NA	—	—	—	79.2	NA	NA
September 1999	—	—	—	NA	W	NA	—	—	—	NA	64.9	68.6
October 1998	—	—	—	62.9	50.5	51.4	—	—	—	53.4	47.7	48.4
Hawaii												
October 1999	108.2	101.4	100.3	88.6	W	97.3	97.0	91.9	93.9	81.2	W	90.9
September 1999	108.8	101.9	100.1	88.3	W	96.3	97.6	91.0	93.4	81.4	W	90.2
October 1998	119.2	105.9	104.7	91.9	—	103.3	108.6	94.9	96.9	83.3	—	95.2
Nevada												
October 1999	114.7	114.7	NA	92.2	W	94.0	101.2	101.3	NA	82.1	W	84.7
September 1999	120.5	119.8	97.5	93.1	NA	93.4	104.5	104.1	87.3	83.1	NA	83.4
October 1998	85.1	77.4	72.1	62.3	W	64.6	73.4	NA	62.5	54.2	48.5	55.6
Oregon												
October 1999	115.9	113.0	99.5	94.3	W	95.7	98.9	97.6	87.8	79.9	NA	82.3
September 1999	118.4	115.3	102.1	93.1	W	96.4	102.7	100.6	89.9	78.7	W	82.7
October 1998	89.3	87.5	73.6	67.6	NA	66.9	72.4	71.8	61.7	54.8	NA	56.7
Washington												
October 1999	116.8	115.5	99.9	92.3	W	95.3	99.9	99.1	87.6	82.4	W	84.5
September 1999	118.9	117.4	102.8	92.6	W	96.1	102.1	101.0	90.2	82.7	W	85.6
October 1998	88.2	87.7	73.0	67.0	NA	68.5	70.6	70.5	61.4	55.8	NA	58.7

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 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												
October 1999	89.0	88.7	83.8	73.3	-	78.6	96.8	96.5	88.0	72.7	-	78.1
September 1999	90.7	90.6	87.7	77.2	-	82.2	96.3	95.9	90.4	77.4	-	80.7
October 1998	69.4	69.0	60.0	54.2	-	56.6	76.5	75.8	65.0	55.9	-	59.4
PAD District I												
October 1999	-	-	-	-	-	-	-	-	-	-	-	-
September 1999	-	-	-	-	-	-	-	-	-	-	-	-
October 1998	-	-	-	-	-	-	-	-	-	-	-	-
PAD District II												
October 1999	87.4	87.4	77.9	70.2	-	72.6	91.3	91.3	81.6	70.4	-	72.3
September 1999	90.2	90.1	82.8	76.3	-	78.4	95.0	94.6	86.8	76.7	-	78.3
October 1998	69.4	69.2	59.8	53.8	-	55.7	74.0	73.7	NA	54.7	-	56.3
PAD District III												
October 1999	98.2	94.0	W	73.4	-	73.6	107.9	107.1	W	77.2	-	77.1
September 1999	W	W	W	74.5	-	75.1	W	W	W	79.2	-	79.5
October 1998	68.7	68.6	49.9	50.6	-	50.5	78.2	78.2	W	56.0	-	55.9
PAD District IV												
October 1999	W	W	85.0	74.2	-	76.5	W	96.2	W	78.2	-	83.7
September 1999	-	-	-	80.5	-	80.5	-	-	-	W	-	W
October 1998	W	63.4	58.1	52.7	-	53.1	W	W	W	55.8	-	56.7
PAD District V												
October 1999	92.0	90.9	86.4	86.3	-	86.4	105.8	105.3	91.6	92.2	-	91.7
September 1999	93.1	93.2	91.3	87.6	-	90.9	104.5	104.6	93.8	91.9	-	93.5
October 1998	69.3	68.5	60.6	57.6	-	59.5	81.6	80.0	67.6	63.8	-	66.7

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												
October 1999	107.9	107.0	95.3	84.0	—	91.1	91.5	91.1	85.8	74.1	—	79.9
September 1999	105.9	105.4	96.5	85.9	—	92.0	92.2	92.1	89.0	77.9	—	82.9
October 1998	85.8	85.4	72.2	62.4	—	67.2	71.9	71.4	62.6	55.4	—	58.4
PAD District I												
October 1999	—	—	—	—	—	—	—	—	—	—	—	—
September 1999	—	—	—	—	—	—	—	—	—	—	—	—
October 1998	—	—	—	—	—	—	—	—	—	—	—	—
PAD District II												
October 1999	99.5	99.3	87.1	77.4	—	81.4	88.6	88.6	79.0	70.6	—	73.0
September 1999	103.8	103.3	91.9	83.6	—	86.8	91.6	91.4	84.0	76.8	—	78.9
October 1998	81.4	81.1	NA	59.2	—	63.3	70.9	70.7	61.1	54.4	—	56.5
PAD District III												
October 1999	117.7	107.2	W	83.0	—	83.0	101.7	97.3	W	75.0	—	75.1
September 1999	W	W	W	83.5	—	83.8	W	W	W	76.4	—	76.8
October 1998	85.8	85.8	59.1	60.3	—	60.2	72.9	72.8	51.3	52.4	—	52.3
PAD District IV												
October 1999	W	W	95.1	81.6	—	85.5	W	92.3	87.7	75.6	—	78.7
September 1999	—	—	—	87.0	—	87.0	—	—	—	81.6	—	81.6
October 1998	W	W	68.0	61.5	—	62.5	W	NA	61.1	54.5	—	55.2
PAD District V												
October 1999	115.7	114.1	NA	97.4	—	97.3	96.6	95.3	88.5	88.3	—	88.5
September 1999	115.4	115.5	NA	99.7	—	NA	95.5	95.5	92.6	89.9	—	92.3
October 1998	91.4	91.0	73.5	67.7	—	71.6	73.9	72.9	63.9	59.7	—	62.5

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												
October 1999	85.9	85.2	81.3	70.3	67.6	74.8	95.0	94.4	87.4	74.7	W	83.3
September 1999	87.1	86.5	82.4	73.2	69.4	76.9	96.5	95.9	88.5	77.5	W	84.8
October 1998	63.6	63.2	58.9	49.8	46.5	53.4	73.7	73.3	65.2	54.4	NA	61.7
PAD District I												
October 1999	87.7	85.9	81.4	69.9	65.9	74.0	96.0	94.5	88.2	74.3	NA	83.2
September 1999	85.0	83.8	80.3	72.0	69.0	75.1	93.5	92.3	86.7	76.2	NA	82.7
October 1998	60.8	60.5	56.9	49.1	45.0	51.8	70.9	70.4	63.1	53.6	-	59.7
Subdistrict IA												
October 1999	89.3	88.6	81.1	70.1	67.3	73.7	97.9	97.1	88.8	73.2	-	82.2
September 1999	85.9	85.4	80.4	71.5	71.0	75.3	94.6	93.9	86.8	75.1	-	81.8
October 1998	61.5	61.1	56.5	49.2	44.9	51.5	71.7	70.8	63.7	53.0	-	59.2
Connecticut												
October 1999	89.4	88.7	83.8	70.3	68.8	74.5	98.6	96.1	89.5	72.9	-	81.7
September 1999	85.6	85.1	81.7	71.9	NA	75.0	95.2	93.1	87.4	74.1	-	81.0
October 1998	61.0	60.7	57.2	49.1	W	52.7	71.6	69.9	63.3	53.2	-	59.0
Maine												
October 1999	-	-	NA	-	-	NA	-	-	-	-	-	-
September 1999	-	-	W	-	-	W	-	W	W	-	-	W
October 1998	64.7	64.5	56.9	50.6	W	50.3	75.4	75.1	61.8	54.3	-	57.0
Massachusetts												
October 1999	89.6	88.7	80.0	69.6	W	73.1	98.0	97.8	89.0	73.2	-	82.7
September 1999	86.0	85.4	80.0	70.5	W	75.2	94.6	94.5	87.0	75.3	-	82.3
October 1998	61.2	60.5	56.1	48.7	W	51.1	71.3	70.8	64.5	52.5	-	60.0
New Hampshire												
October 1999	90.7	90.5	81.9	68.5	W	74.7	99.7	99.6	87.8	71.3	-	82.4
September 1999	87.7	87.5	81.2	69.4	-	76.3	96.7	96.6	86.3	74.5	-	82.8
October 1998	63.8	63.7	58.2	48.8	W	52.0	74.2	74.4	64.3	52.0	-	60.9
Rhode Island												
October 1999	85.1	84.5	80.1	72.6	W	74.6	93.2	93.0	85.5	74.9	-	80.6
September 1999	82.7	82.5	78.5	75.4	-	76.5	90.3	90.4	83.7	78.6	-	81.2
October 1998	57.3	57.2	54.0	50.0	-	51.3	66.8	66.7	60.5	53.3	-	56.8
Subdistrict IB												
October 1999	87.8	85.0	81.9	70.0	65.3	74.4	96.1	93.9	88.8	75.0	NA	84.5
September 1999	85.1	83.1	80.6	72.1	68.7	75.1	93.7	92.0	87.3	76.4	NA	83.6
October 1998	60.8	60.6	57.3	49.0	45.0	51.9	70.9	70.4	63.2	53.8	-	60.4
Delaware												
October 1999	86.4	83.0	78.6	69.5	-	72.9	96.5	94.5	85.0	73.4	-	78.9
September 1999	83.2	81.3	76.9	70.6	-	72.7	93.7	91.9	83.8	74.1	-	78.1
October 1998	58.4	58.2	54.4	47.8	-	50.5	69.6	68.9	61.2	51.4	-	56.1
District of Columbia												
October 1999	W	78.2	83.5	-	-	83.5	W	89.1	89.0	-	-	89.0
September 1999	W	78.3	82.1	-	-	82.1	W	89.6	87.5	-	-	87.5
October 1998	W	56.9	60.3	-	-	60.3	W	68.4	NA	-	-	NA
Maryland												
October 1999	81.3	78.2	78.9	70.5	-	75.8	90.4	87.1	86.1	75.2	-	83.0
September 1999	80.8	77.9	77.5	73.1	-	75.9	90.4	86.4	84.4	76.9	-	82.2
October 1998	60.0	58.9	56.4	49.5	-	54.0	70.3	68.2	62.0	54.4	-	60.1
New Jersey												
October 1999	89.3	85.5	81.2	69.2	65.3	71.7	99.3	97.8	88.7	75.5	-	84.0
September 1999	86.3	83.8	79.9	71.2	68.4	72.9	96.2	95.0	87.0	76.6	-	83.0
October 1998	62.1	62.4	58.0	48.9	45.0	50.4	73.0	73.3	63.5	54.1	-	60.1
New York												
October 1999	92.1	91.6	88.0	71.5	65.2	79.7	98.6	97.0	94.4	76.3	NA	90.2
September 1999	88.6	88.3	86.8	74.0	70.8	80.6	95.5	94.3	93.5	77.8	NA	89.4
October 1998	64.1	63.8	60.4	49.8	45.7	54.9	73.7	72.8	67.0	54.9	-	64.4

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												
October 1999	103.0	101.6	95.7	79.4	69.9	87.1	90.0	89.2	85.2	72.3	68.0	78.0
September 1999	104.3	102.9	96.2	82.4	73.7	89.1	91.3	90.5	86.2	75.1	70.1	80.0
October 1998	81.7	80.7	71.9	59.2	51.0	65.8	68.5	67.9	63.0	52.1	47.2	56.9
PAD District I												
October 1999	103.1	100.0	95.3	78.5	69.5	86.5	91.7	89.7	85.9	72.1	66.6	77.7
September 1999	100.8	98.2	94.1	81.2	73.5	87.2	89.1	87.7	84.8	74.3	69.9	78.7
October 1998	78.9	77.5	69.8	58.1	50.2	64.0	66.2	65.6	61.4	51.5	45.9	55.6
Subdistrict IA												
October 1999	105.0	103.4	92.5	78.8	69.4	83.7	92.6	91.8	84.1	71.8	67.5	76.0
September 1999	102.4	100.9	91.5	80.9	73.5	85.5	89.3	88.7	83.3	73.4	71.5	77.7
October 1998	80.2	77.5	68.7	57.8	W	62.5	65.9	65.1	59.7	51.1	45.4	54.1
Connecticut												
October 1999	106.0	104.2	95.2	79.4	71.4	84.6	93.1	92.1	86.9	72.2	69.2	77.0
September 1999	102.8	101.0	93.1	81.0	W	85.0	89.5	88.7	84.9	73.8	NA	77.4
October 1998	80.6	79.5	69.7	58.9	W	62.2	65.9	65.4	60.3	51.4	W	55.4
Maine												
October 1999	—	—	NA	—	—	NA	—	—	NA	—	—	NA
September 1999	—	—	W	—	—	W	—	W	W	—	—	W
October 1998	84.1	83.2	67.2	58.6	—	60.9	68.2	68.0	58.8	52.0	W	52.0
Massachusetts												
October 1999	104.7	103.1	91.1	77.8	W	82.9	92.8	91.9	83.0	71.2	66.4	75.4
September 1999	102.2	100.8	90.8	79.8	W	85.2	89.4	88.8	82.7	72.4	W	77.6
October 1998	79.4	74.9	68.1	56.7	—	62.9	65.6	64.3	59.5	50.6	W	53.9
New Hampshire												
October 1999	106.6	106.6	93.4	75.2	W	82.7	93.5	93.3	84.2	69.5	W	76.4
September 1999	104.6	104.4	92.5	79.7	—	88.1	90.7	90.5	83.5	71.0	—	78.6
October 1998	83.4	83.3	70.8	56.0	—	65.4	67.7	67.8	61.1	50.2	W	54.4
Rhode Island												
October 1999	100.5	99.1	92.3	82.2	—	86.1	88.2	87.5	82.9	74.3	W	76.8
September 1999	98.0	97.2	91.0	85.5	—	87.6	85.7	85.5	81.4	77.4	—	78.9
October 1998	75.4	75.1	67.1	58.8	—	61.8	61.4	61.3	57.6	51.9	—	53.9
Subdistrict IB												
October 1999	102.9	99.0	96.6	78.2	69.5	87.6	92.2	89.2	87.0	72.3	66.1	78.7
September 1999	100.7	97.5	95.2	80.9	73.6	87.9	89.7	87.5	85.8	74.5	69.7	79.2
October 1998	78.7	77.9	70.5	58.0	50.0	64.5	66.8	66.3	62.4	51.6	46.1	56.3
Delaware												
October 1999	105.3	100.8	91.5	78.0	—	83.4	90.5	87.1	81.5	71.1	—	75.1
September 1999	102.0	99.2	90.4	78.9	—	83.0	87.4	85.2	80.0	72.2	—	74.9
October 1998	78.3	77.5	68.3	56.9	—	61.8	63.3	62.9	57.9	49.8	—	53.2
District of Columbia												
October 1999	W	94.1	95.7	—	—	95.7	W	83.0	89.4	—	—	89.4
September 1999	W	94.5	94.3	—	—	94.3	W	83.2	88.0	—	—	88.0
October 1998	W	72.2	NA	—	—	NA	W	62.7	NA	—	—	NA
Maryland												
October 1999	95.3	90.0	91.3	80.2	W	87.3	85.0	81.6	82.9	72.9	W	79.3
September 1999	95.0	89.7	89.7	82.1	W	86.2	84.6	81.3	81.4	75.5	W	79.1
October 1998	75.8	73.7	66.9	59.3	—	64.9	64.7	63.3	60.1	52.2	—	57.7
New Jersey												
October 1999	105.8	100.0	95.6	76.9	70.8	85.5	94.3	90.2	86.1	71.5	65.9	75.5
September 1999	103.8	99.0	94.1	79.6	73.1	85.3	91.5	88.6	84.8	73.7	69.1	76.4
October 1998	81.4	81.4	71.4	57.3	50.1	63.5	68.5	68.7	62.9	51.4	45.7	54.3
New York												
October 1999	103.5	102.5	101.7	79.0	68.8	89.9	96.0	95.2	94.0	73.9	67.2	84.5
September 1999	100.6	99.8	100.6	82.6	75.3	92.1	92.7	92.2	92.9	76.7	72.9	85.7
October 1998	79.0	78.0	73.3	58.1	49.9	66.0	70.4	69.8	66.9	52.6	48.3	60.4

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												
October 1999	84.2	82.3	79.1	69.5	W	75.4	92.6	90.8	83.4	72.9	—	79.5
September 1999	81.8	80.7	77.5	71.4	W	75.0	90.5	89.8	81.7	74.6	—	79.0
October 1998	56.5	56.3	52.6	48.3	W	50.8	67.1	66.9	57.9	52.6	—	55.9
Subdistrict IC												
October 1999	84.1	83.4	78.9	69.3	W	72.7	92.7	91.9	84.4	74.0	—	79.4
September 1999	82.7	82.3	77.7	72.9	—	74.7	91.4	90.5	83.3	77.1	—	80.3
October 1998	59.2	58.9	55.8	49.0	—	51.9	69.7	69.3	61.2	53.8	—	58.0
Virginia												
October 1999	84.1	83.4	78.9	69.3	—	72.9	92.7	91.9	84.4	74.0	—	79.4
September 1999	82.7	82.3	77.7	72.9	—	74.7	91.4	90.5	83.3	77.1	—	80.3
October 1998	59.2	58.9	55.8	49.0	—	51.9	69.7	69.3	61.2	53.8	—	58.0
PAD District II												
October 1999	83.5	83.4	78.9	69.4	W	73.4	93.9	93.5	88.7	73.7	—	84.0
September 1999	87.3	87.0	81.5	75.0	W	77.8	97.8	97.2	90.7	79.3	—	87.1
October 1998	66.0	65.7	58.4	52.5	W	55.4	75.2	74.9	65.1	56.0	—	62.2
Illinois												
October 1999	84.9	84.7	82.5	67.8	W	74.3	95.1	94.4	90.5	71.4	—	86.1
September 1999	88.1	87.8	84.7	73.5	W	78.5	98.5	97.5	92.5	76.0	—	88.6
October 1998	67.4	67.2	60.0	52.6	W	56.8	76.6	76.1	66.0	56.3	—	64.1
Indiana												
October 1999	82.4	82.4	77.2	68.7	—	71.4	94.2	94.0	84.2	72.9	—	78.1
September 1999	87.6	87.6	81.0	73.7	—	76.2	99.3	99.0	87.7	78.0	—	82.6
October 1998	61.1	61.3	56.8	52.9	—	54.4	70.7	70.5	62.0	56.6	—	58.5
Kentucky												
October 1999	84.8	84.6	77.9	76.3	—	76.7	93.3	93.3	82.3	79.0	—	79.8
September 1999	90.7	89.8	81.6	83.2	—	82.8	100.0	100.0	85.9	86.1	—	86.0
October 1998	62.1	61.8	56.1	50.9	—	53.4	72.3	72.3	61.5	54.2	—	57.5
Missouri												
October 1999	76.5	76.3	76.2	68.4	—	72.6	86.6	86.6	86.7	73.0	—	84.9
September 1999	79.4	79.3	78.3	72.8	—	75.9	89.1	89.1	87.5	78.9	—	86.6
October 1998	—	—	—	—	—	—	—	—	—	—	—	—
Wisconsin												
October 1999	82.4	82.6	74.3	69.3	—	71.5	91.3	91.5	83.2	73.1	—	78.9
September 1999	86.3	86.1	78.0	74.4	—	76.1	95.2	95.2	86.8	78.7	—	83.4
October 1998	66.3	65.9	55.8	53.0	—	54.0	74.3	74.3	62.6	56.8	—	59.8
PAD District III												
October 1999	79.9	80.1	76.8	66.5	67.8	68.0	90.2	90.0	81.7	70.2	—	73.7
September 1999	78.2	79.0	76.2	70.4	69.4	71.0	88.2	88.3	81.8	74.4	—	76.7
October 1998	56.8	56.7	54.8	47.2	44.3	48.2	68.1	68.1	60.5	51.3	—	54.1
Texas												
October 1999	79.9	80.1	76.8	66.5	68.0	68.0	90.2	90.0	81.7	70.2	—	73.7
September 1999	78.2	79.0	76.2	70.4	69.6	71.0	88.2	88.3	81.8	74.4	—	76.7
October 1998	56.8	56.7	54.8	47.2	44.6	48.3	68.1	68.1	60.5	51.3	—	54.1
PAD District V												
October 1999	87.6	87.4	82.0	74.8	70.3	78.4	96.2	96.1	86.8	81.1	W	85.8
September 1999	91.8	91.2	84.9	75.9	69.8	80.1	100.6	100.4	90.1	82.7	W	88.7
October 1998	67.7	66.9	61.5	52.0	48.4	56.4	77.3	77.0	67.6	58.5	NA	65.8
Arizona												
October 1999	81.8	81.3	NA	NA	—	NA	92.8	92.8	NA	81.5	—	NA
September 1999	80.8	80.5	72.6	74.1	—	73.0	91.2	91.2	77.1	82.4	—	78.8
October 1998	67.7	67.1	NA	51.8	—	NA	77.5	77.4	NA	61.0	—	NA
California												
October 1999	88.7	88.5	82.3	74.9	70.3	78.6	96.6	96.5	87.0	81.1	W	85.9
September 1999	93.8	93.2	85.6	76.0	69.8	80.5	101.6	101.4	90.6	82.7	W	89.1
October 1998	67.7	66.9	61.5	52.0	48.4	56.4	77.3	77.0	67.6	58.5	NA	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
Pennsylvania												
October 1999	99.7	96.0	90.6	78.7	—	86.7	88.3	86.0	82.1	71.7	W	78.2
September 1999	98.0	95.3	89.1	81.0	—	86.2	86.1	84.7	80.6	73.6	W	77.8
October 1998	74.7	73.9	64.5	58.8	W	62.7	62.2	61.8	56.3	50.9	W	54.1
Subdistrict IC												
October 1999	100.9	99.2	91.0	79.5	—	85.2	88.4	87.6	83.0	71.8	—	76.6
September 1999	99.0	97.3	89.8	83.1	W	86.0	87.0	86.4	81.9	75.4	—	78.2
October 1998	77.3	75.9	66.7	59.3	W	63.3	64.9	64.3	59.9	51.8	W	55.7
Virginia												
October 1999	100.9	99.2	91.0	79.5	—	85.2	88.4	87.6	83.0	71.8	—	76.6
September 1999	99.0	97.3	89.8	83.1	—	86.5	87.0	86.4	81.9	75.4	—	78.2
October 1998	77.3	75.9	66.7	59.3	W	63.3	64.9	64.3	59.9	51.8	W	55.7
PAD District II												
October 1999	103.1	102.4	95.6	78.6	W	87.4	87.5	87.3	83.3	71.0	W	76.7
September 1999	106.9	105.5	97.9	83.7	—	91.4	91.3	90.9	85.9	76.5	W	81.0
October 1998	83.6	82.7	70.6	62.0	W	67.1	70.1	69.7	62.0	54.3	W	58.4
Illinois												
October 1999	105.0	104.3	99.0	76.9	W	89.6	89.3	89.0	87.5	69.5	W	78.7
September 1999	107.7	106.8	101.3	81.5	—	93.3	92.5	92.0	89.8	74.9	W	82.6
October 1998	84.8	83.8	71.8	62.0	W	68.7	71.8	71.5	63.9	54.5	W	60.4
Indiana												
October 1999	104.3	104.0	92.0	78.6	—	84.0	87.1	87.1	80.9	70.5	—	74.1
September 1999	109.7	109.1	94.6	83.5	—	88.1	92.3	92.3	84.5	75.6	—	78.8
October 1998	79.2	78.3	68.6	62.9	—	65.5	65.1	65.0	59.7	54.9	—	56.8
Kentucky												
October 1999	101.1	99.8	90.1	85.8	—	87.0	88.1	87.9	80.5	77.9	—	78.6
September 1999	109.1	103.4	92.4	91.8	—	92.0	94.4	93.2	84.1	84.8	—	84.6
October 1998	81.9	81.7	68.0	60.4	—	64.1	66.6	66.3	58.7	52.9	—	55.7
Missouri												
October 1999	93.0	92.9	92.5	76.8	—	86.1	79.5	79.3	79.7	69.5	—	75.4
September 1999	97.2	97.1	93.7	81.7	—	89.6	82.4	82.3	81.6	74.0	—	78.6
October 1998	—	—	—	—	—	—	—	—	—	—	—	—
Wisconsin												
October 1999	98.0	98.0	85.8	79.1	—	82.3	84.6	84.8	76.3	70.5	—	73.2
September 1999	102.5	101.8	90.3	84.2	—	87.2	88.6	88.3	80.1	75.7	—	77.8
October 1998	79.8	79.6	66.0	62.7	—	64.1	68.6	68.1	57.9	54.3	—	55.7
PAD District III												
October 1999	97.1	97.2	88.6	76.1	67.4	74.7	84.3	84.3	80.0	68.4	67.7	69.8
September 1999	96.3	97.0	87.4	80.3	71.1	79.7	82.8	83.2	79.4	72.5	69.8	73.2
October 1998	76.6	76.6	67.2	57.0	47.8	58.0	62.2	62.1	58.3	49.6	45.1	50.8
Texas												
October 1999	97.1	97.2	88.6	76.1	W	77.9	84.3	84.3	80.0	68.4	68.3	70.0
September 1999	96.3	97.0	87.4	80.3	W	81.1	82.8	83.2	79.4	72.5	70.2	73.3
October 1998	76.6	76.6	67.2	57.0	47.8	58.0	62.2	62.1	58.3	49.6	45.4	50.9
PAD District V												
October 1999	105.3	104.8	96.9	86.5	77.0	93.4	91.7	91.4	85.4	76.8	71.0	81.6
September 1999	110.1	109.3	99.4	88.0	76.6	95.5	96.0	95.3	88.1	77.9	70.4	83.3
October 1998	86.6	85.6	76.2	64.2	53.8	71.7	72.4	71.5	65.5	54.3	49.0	60.2
Arizona												
October 1999	104.7	104.6	90.4	87.3	—	89.6	85.9	85.4	NA	NA	—	NA
September 1999	103.2	102.9	86.7	87.8	—	86.9	84.8	84.4	75.2	77.0	—	75.6
October 1998	87.4	87.1	NA	64.2	—	NA	72.2	71.6	NA	53.9	—	NA
California												
October 1999	105.4	104.9	97.1	86.5	77.0	93.6	92.7	92.3	85.7	76.8	71.0	81.7
September 1999	111.1	110.2	100.1	88.0	76.6	95.9	97.7	97.1	88.9	78.0	70.4	83.7
October 1998	86.5	85.5	76.3	64.3	53.8	71.7	72.4	71.5	65.5	54.3	49.0	60.2

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.

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. Notes: 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												
October 1999	83.6	69.8	69.8	93.8	73.5	77.6	102.0	78.7	81.6	87.7	71.3	72.4
September 1999	85.4	71.0	73.2	95.1	75.1	80.6	103.0	78.3	84.6	89.3	72.4	75.7
October 1998	62.4	50.7	49.5	72.1	53.2	57.2	80.5	59.1	61.6	66.9	52.0	52.4
PAD District I												
October 1999	81.9	67.5	69.7	92.0	71.6	77.6	100.6	75.4	82.7	86.8	68.9	73.1
September 1999	80.0	68.4	72.4	90.1	72.1	79.1	98.7	75.8	84.7	85.0	69.9	75.6
October 1998	57.8	47.8	49.3	68.2	50.9	55.7	76.5	55.7	61.3	63.5	49.4	52.8
Subdistrict IA												
October 1999	NA	75.8	74.6	NA	W	83.2	NA	W	84.4	NA	76.8	77.0
September 1999	NA	77.0	76.8	NA	89.5	83.2	NA	NA	87.8	NA	77.8	79.3
October 1998	64.3	50.5	52.2	75.4	W	59.8	83.7	W	63.8	70.3	50.7	55.2
Connecticut												
October 1999	W	W	75.0	W	W	83.5	W	-	85.1	W	W	77.6
September 1999	W	W	76.0	W	-	83.4	W	-	86.1	W	W	78.6
October 1998	W	W	52.3	W	W	59.7	W	W	62.0	W	W	55.4
Maine												
October 1999	-	-	71.2	-	-	75.0	-	-	75.6	-	-	72.2
September 1999	-	-	74.7	-	-	77.9	-	-	83.6	-	-	75.9
October 1998	-	-	49.0	-	-	55.0	-	-	60.2	-	-	50.7
Massachusetts												
October 1999	NA	W	75.0	101.7	-	85.1	NA	-	85.5	97.7	W	77.7
September 1999	NA	W	78.3	NA	-	84.6	NA	-	89.9	NA	W	81.0
October 1998	65.1	51.7	53.3	76.0	W	61.3	84.4	-	66.0	71.1	51.9	56.6
New Hampshire												
October 1999	NA	-	75.7	NA	-	83.7	NA	-	83.4	NA	-	77.4
September 1999	NA	-	78.0	NA	-	82.9	NA	-	89.3	NA	-	80.1
October 1998	64.9	-	55.0	75.9	-	61.4	84.2	-	66.8	70.3	-	57.7
Rhode Island												
October 1999	86.8	NA	74.4	95.8	-	80.6	W	-	86.1	90.9	NA	76.7
September 1999	83.9	NA	76.4	93.1	-	81.1	W	-	87.5	88.0	NA	78.9
October 1998	59.9	W	51.6	69.3	-	57.5	W	-	62.7	65.2	W	54.3
Vermont												
October 1999	-	W	NA									
September 1999	-	88.2	NA	-	89.5	NA	-	99.1	NA	-	89.5	NA
October 1998	-	-	52.3	-	-	58.0	-	-	63.0	-	-	54.6
Subdistrict IB												
October 1999	85.5	70.6	71.4	94.6	75.3	83.0	103.7	78.7	86.1	90.0	72.1	75.3
September 1999	82.8	71.6	73.4	92.2	76.1	82.8	101.4	79.4	87.0	87.4	73.2	77.1
October 1998	59.4	49.3	50.3	69.6	52.1	58.7	79.1	57.2	63.2	65.1	50.5	54.3
Delaware												
October 1999	89.7	64.3	74.1	100.2	W	79.6	110.0	W	85.7	95.0	65.7	76.5
September 1999	85.0	W	74.4	96.4	W	79.6	104.5	W	86.0	90.3	W	76.8
October 1998	62.7	53.3	50.5	77.1	W	55.8	86.4	W	61.9	70.0	53.9	53.2
District of Columbia												
October 1999	-	W	83.6	-	W	89.0	-	W	95.7	-	71.6	89.4
September 1999	-	W	82.2	-	W	87.5	-	W	94.3	-	71.7	88.1
October 1998	-	48.1	60.4	-	W	NA	-	W	NA	-	50.1	NA
Maryland												
October 1999	-	69.6	75.1	-	W	82.4	-	77.0	87.4	-	70.8	78.8
September 1999	-	70.6	75.5	-	W	81.9	-	79.3	86.6	-	72.2	78.8
October 1998	-	48.3	53.1	-	W	59.2	-	56.2	64.3	-	49.9	56.8
New Jersey												
October 1999	90.5	W	69.5	100.5	W	85.4	108.1	W	88.1	96.0	W	73.6
September 1999	88.0	W	72.0	97.7	W	84.6	106.9	W	87.1	93.9	W	75.7
October 1998	63.4	W	50.3	74.8	W	60.6	83.5	W	63.5	70.6	W	54.4
New York												
October 1999	85.0	74.5	75.0	95.0	NA	87.5	102.9	80.3	88.8	89.2	75.7	79.7
September 1999	82.3	W	76.7	92.1	NA	87.2	100.0	78.5	90.9	86.5	76.1	81.3
October 1998	58.4	W	51.7	69.2	54.2	61.6	78.0	60.8	65.2	63.8	52.3	56.6
Pennsylvania												
October 1999	83.3	70.7	68.8	91.9	W	76.1	100.2	W	78.0	87.3	71.5	70.9
September 1999	80.8	73.0	71.1	89.8	W	77.3	98.1	80.6	80.4	84.9	73.7	73.2
October 1998	57.9	47.4	47.9	67.1	53.8	53.6	75.8	57.2	58.4	62.8	48.5	50.4

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												
October 1999	78.9	66.3	66.6	89.9	69.9	73.4	98.1	74.4	79.0	84.1	67.7	69.9
September 1999	77.7	67.2	70.3	88.4	70.3	76.3	96.6	74.9	81.9	82.9	68.7	73.4
October 1998	56.5	47.3	47.5	67.1	50.6	53.2	74.6	55.4	59.0	62.1	49.0	50.8
Florida												
October 1999	80.4	65.8	68.3	92.2	69.0	76.6	99.3	73.5	82.7	86.2	66.8	72.6
September 1999	78.7	67.6	71.0	90.3	69.9	78.2	97.3	74.4	84.3	84.4	68.9	75.0
October 1998	57.2	47.0	47.9	68.6	50.7	54.1	74.9	54.6	60.3	63.4	48.5	52.0
Georgia												
October 1999	76.2	65.5	64.9	86.6	68.9	71.2	96.0	73.1	76.5	81.5	67.1	67.7
September 1999	76.5	W	69.7	86.7	68.8	75.3	96.1	73.8	80.5	81.8	67.6	72.4
October 1998	55.0	46.8	46.7	65.2	50.1	52.5	74.0	55.1	57.6	60.7	49.2	49.7
North Carolina												
October 1999	76.1	66.4	64.6	87.4	67.9	69.3	96.3	74.9	74.7	81.0	67.8	67.0
September 1999	74.5	66.2	69.0	85.4	71.2	73.7	94.2	75.9	78.7	79.5	67.8	71.5
October 1998	55.4	47.3	46.6	65.1	49.3	51.2	73.5	55.3	57.0	60.5	48.5	49.4
South Carolina												
October 1999	75.8	65.9	64.9	86.3	W	69.6	95.6	75.2	75.5	80.1	67.9	67.3
September 1999	74.6	66.6	69.3	84.6	W	74.1	94.4	W	79.8	79.0	68.1	71.8
October 1998	53.6	47.2	46.7	63.4	W	51.7	72.2	W	57.1	58.4	49.0	49.4
Virginia												
October 1999	NA	69.0	69.2	NA	W	75.9	99.4	W	81.4	NA	70.7	72.5
September 1999	80.9	69.7	71.8	90.2	W	77.7	97.2	76.6	83.3	85.5	71.5	75.0
October 1998	59.2	48.2	49.0	69.6	W	54.9	76.1	W	60.9	64.6	50.3	52.5
West Virginia												
October 1999	77.5	69.2	67.2	86.9	W	72.9	95.6	W	77.8	80.7	70.3	69.6
September 1999	76.2	73.5	70.9	85.6	W	76.4	94.4	W	81.3	79.4	74.5	73.2
October 1998	56.6	51.7	49.4	65.9	W	54.8	74.9	W	60.4	60.3	53.2	52.2
PAD District II												
October 1999	80.8	69.7	66.9	90.4	75.9	73.8	98.4	80.4	78.3	84.1	71.6	68.8
September 1999	85.5	71.0	71.9	95.3	79.7	78.7	102.7	78.5	83.2	88.7	72.6	73.8
October 1998	62.8	53.4	48.1	71.3	56.4	54.8	79.7	60.8	59.0	66.3	54.4	50.1
Illinois												
October 1999	84.8	64.9	69.7	95.0	W	83.0	105.1	W	85.3	89.3	65.9	73.3
September 1999	88.4	67.6	73.0	98.6	W	85.4	108.1	W	89.5	92.9	68.7	76.5
October 1998	66.5	NA	50.0	74.5	NA	59.8	83.1	W	64.0	70.6	NA	53.2
Indiana												
October 1999	80.2	69.8	66.4	88.9	—	71.2	96.8	W	76.9	83.2	69.9	68.3
September 1999	84.5	72.3	71.2	93.6	W	76.0	102.3	W	82.0	87.7	72.6	73.1
October 1998	60.4	48.8	47.5	67.9	—	52.8	76.0	W	59.1	63.7	49.0	49.7
Iowa												
October 1999	75.8	W	66.0	W	—	69.4	83.9	—	75.7	77.0	W	66.9
September 1999	79.4	W	71.4	W	—	74.5	W	W	81.1	80.4	W	72.3
October 1998	57.6	W	47.9	W	—	53.6	66.8	NA	57.5	58.7	W	49.1
Kansas												
October 1999	77.7	65.2	64.2	84.2	W	72.5	91.4	W	73.0	79.8	W	65.1
September 1999	79.1	W	70.1	86.1	W	77.8	92.5	W	79.0	81.2	W	70.9
October 1998	58.9	51.8	46.1	67.9	W	NA	74.9	52.9	54.2	61.4	51.9	46.9
Kentucky												
October 1999	84.9	70.2	68.9	93.9	W	73.5	100.9	W	78.6	87.9	74.4	70.8
September 1999	89.6	69.3	73.9	100.3	W	79.0	109.5	W	83.5	93.2	71.2	75.9
October 1998	65.1	51.7	48.2	75.3	W	53.0	84.6	56.7	58.7	69.4	52.3	50.5
Michigan												
October 1999	77.3	70.5	66.8	86.4	69.3	72.4	94.6	W	78.2	79.7	73.0	68.5
September 1999	81.6	68.9	71.8	90.6	74.0	77.3	98.7	W	83.3	83.9	70.5	73.6
October 1998	59.0	56.0	48.0	66.5	W	54.0	75.3	NA	59.9	61.5	NA	50.2
Minnesota												
October 1999	87.6	W	69.7	94.2	W	72.1	101.7	—	78.7	89.6	W	70.7
September 1999	93.9	W	75.9	100.3	W	78.4	108.0	—	84.6	95.8	W	76.9
October 1998	72.8	57.2	52.2	79.2	—	55.5	86.4	—	60.4	75.0	57.2	53.4
Missouri												
October 1999	77.5	W	67.3	87.8	W	79.5	96.6	W	77.6	80.4	W	69.1
September 1999	80.7	67.9	71.7	91.0	W	82.5	100.3	W	82.1	83.7	69.1	73.4
October 1998	58.4	NA	46.5	67.4	W	52.4	77.6	W	55.9	62.0	NA	48.0

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												
October 1999	74.4	66.0	66.1	W	—	70.0	W	—	75.9	75.5	66.0	67.0
September 1999	78.0	69.5	71.6	W	—	75.0	W	—	81.1	79.0	69.5	72.5
October 1998	58.0	W	47.7	W	—	53.6	W	—	56.4	59.5	W	48.6
North Dakota												
October 1999	W	W	68.6	W	—	74.8	W	—	79.0	W	W	69.4
September 1999	W	W	73.8	W	—	79.3	W	—	83.7	W	W	74.6
October 1998	W	W	49.4	W	—	NA	W	—	58.9	W	W	50.3
Ohio												
October 1999	81.0	72.5	68.4	91.0	W	74.0	100.5	W	79.6	84.4	73.8	70.3
September 1999	88.2	74.3	73.8	98.3	W	79.6	107.9	84.3	85.5	91.5	76.2	75.8
October 1998	64.8	W	49.3	74.0	W	55.8	83.6	61.5	61.6	68.5	W	51.7
Oklahoma												
October 1999	76.7	65.9	62.4	84.0	W	66.3	91.7	W	70.3	79.7	67.0	63.1
September 1999	80.4	68.6	67.9	88.0	W	72.1	95.5	W	75.0	83.4	69.7	68.7
October 1998	56.2	50.8	44.8	62.7	W	49.1	69.5	W	52.3	59.0	51.4	45.7
South Dakota												
October 1999	87.7	72.5	68.2	W	—	72.4	96.3	—	78.3	88.3	72.5	69.0
September 1999	86.0	W	72.9	W	—	75.7	94.5	—	83.1	86.6	W	73.7
October 1998	57.6	47.4	49.1	W	—	55.2	73.1	—	58.5	61.5	47.4	50.0
Tennessee												
October 1999	77.7	65.2	65.0	88.9	70.3	70.0	94.8	73.9	75.4	82.7	66.0	67.5
September 1999	78.6	65.3	69.9	89.5	72.2	75.0	96.0	77.0	80.4	83.5	66.5	72.5
October 1998	58.7	48.7	46.5	65.9	W	51.6	77.2	54.3	56.8	64.0	49.4	49.4
Wisconsin												
October 1999	82.6	66.1	67.3	90.9	—	71.6	98.2	W	77.9	84.6	66.6	68.6
September 1999	W	72.5	72.5	94.7	W	78.1	W	W	83.2	88.5	73.0	73.8
October 1998	63.8	46.6	47.9	72.0	—	54.8	77.6	W	58.4	66.1	47.2	49.4
PAD District III												
October 1999	80.5	65.6	64.9	90.8	68.1	71.4	97.3	72.4	72.3	84.6	66.7	66.6
September 1999	78.9	66.4	68.4	88.8	68.8	74.8	96.0	73.5	76.5	83.1	67.6	70.2
October 1998	57.6	44.4	44.9	68.8	48.1	51.5	76.6	54.2	55.1	62.8	45.7	46.9
Alabama												
October 1999	78.3	65.9	65.7	89.0	68.3	70.8	99.3	71.5	76.5	83.0	67.2	68.3
September 1999	77.6	64.7	70.1	87.9	W	74.9	97.2	70.8	80.7	82.1	66.1	72.7
October 1998	58.5	46.3	46.7	68.2	49.5	51.6	77.3	55.2	57.4	63.6	48.5	49.6
Arkansas												
October 1999	77.0	W	64.6	86.8	—	69.2	95.0	W	73.7	80.3	W	66.2
September 1999	75.6	W	68.6	85.4	W	73.3	93.8	—	75.7	78.9	W	70.1
October 1998	58.9	W	46.6	68.3	—	51.0	77.8	—	54.8	62.9	W	48.6
Louisiana												
October 1999	80.9	W	63.7	91.2	W	71.6	98.6	72.4	70.1	85.6	W	66.0
September 1999	78.4	65.6	67.2	89.0	W	74.4	95.9	75.2	73.8	83.1	67.5	69.4
October 1998	56.1	46.3	44.9	68.9	W	51.6	76.8	53.3	54.7	62.2	47.4	47.6
Mississippi												
October 1999	78.4	64.2	64.1	89.3	67.4	69.4	94.2	71.7	73.4	82.1	65.5	66.1
September 1999	76.0	66.6	67.3	86.6	69.5	73.6	94.0	73.9	77.0	79.6	67.8	69.5
October 1998	54.9	46.3	45.4	64.4	49.6	50.5	72.7	53.8	55.8	59.2	47.9	47.8
New Mexico												
October 1999	93.3	W	75.6	104.3	—	80.1	113.7	W	85.3	96.5	82.4	77.1
September 1999	89.0	W	78.0	99.1	—	82.7	108.3	W	87.7	92.1	W	79.5
October 1998	62.8	W	49.4	72.1	—	54.3	80.9	—	59.0	66.0	W	51.2
Texas												
October 1999	79.5	68.0	64.6	NA	W	71.7	96.4	73.7	71.6	83.8	68.4	66.0
September 1999	78.3	68.1	67.9	88.2	72.6	75.0	95.5	78.2	76.0	82.6	69.5	69.6
October 1998	57.3	43.1	44.2	68.7	W	51.5	76.3	53.4	54.2	62.6	43.8	46.0
PAD District IV												
October 1999	89.4	83.5	79.8	101.0	87.1	86.1	111.5	93.9	89.6	94.9	86.3	81.8
September 1999	91.6	87.8	84.1	103.8	92.2	90.6	113.8	98.5	93.9	97.1	90.9	86.1
October 1998	64.6	NA	55.8	76.4	NA	61.1	86.5	NA	65.9	70.5	NA	58.1
Colorado												
October 1999	88.5	W	74.6	100.8	W	81.5	111.6	W	84.0	94.3	75.1	76.7
September 1999	90.4	W	80.2	103.5	W	86.5	113.4	W	89.5	96.2	79.6	82.3
October 1998	64.3	49.5	50.1	77.1	W	55.7	87.3	W	59.6	70.6	50.3	52.4

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												
October 1999	95.2	91.6	87.5	104.5	—	91.6	113.6	W	97.8	97.2	93.1	88.9
September 1999	98.1	96.7	93.0	106.8	—	97.5	116.5	W	103.6	100.1	98.2	94.4
October 1998	68.8	W	61.4	77.7	NA	66.5	86.0	W	71.8	71.0	W	63.2
Montana												
October 1999	W	W	78.5	W	—	W	W	88.3	89.8	W	83.5	80.4
September 1999	W	W	80.2	W	—	W	W	W	91.7	W	W	82.2
October 1998	W	W	58.1	W	—	62.8	W	W	70.1	W	61.2	60.6
Utah												
October 1999	91.4	85.4	84.5	101.3	89.8	89.9	111.1	W	94.5	96.5	88.2	86.8
September 1999	94.7	W	88.6	105.0	93.8	93.8	115.2	99.1	98.8	99.9	91.8	90.9
October 1998	63.8	NA	58.8	74.6	NA	64.4	84.4	W	68.6	70.1	NA	61.5
Wyoming												
October 1999	95.7	W	78.5	105.2	—	90.0	W	W	W	98.3	W	80.3
September 1999	96.4	W	82.2	105.4	—	93.6	W	W	W	98.9	W	84.0
October 1998	68.3	58.8	53.6	76.5	—	64.6	W	W	64.0	71.4	63.5	55.6
PAD District V												
October 1999	90.0	77.7	79.6	100.3	80.3	86.9	110.1	NA	94.0	94.1	78.6	82.6
September 1999	94.0	78.4	81.0	104.3	81.9	89.3	114.6	85.4	95.5	97.9	79.4	83.9
October 1998	69.2	54.7	57.4	79.8	58.2	66.3	90.4	64.5	71.9	73.8	56.1	61.0
Alaska												
October 1999	107.8	107.9	83.7	NA	—	96.4	127.2	W	96.8	110.4	108.5	85.3
September 1999	109.1	106.0	81.6	NA	—	92.8	128.4	W	95.3	111.7	106.4	82.8
October 1998	95.4	86.6	69.1	106.8	W	83.2	114.0	W	83.4	98.6	87.5	71.1
Arizona												
October 1999	82.6	83.4	75.1	93.4	—	80.7	105.1	W	89.0	86.7	84.1	77.5
September 1999	81.6	81.7	73.9	92.0	—	79.6	103.6	W	87.2	85.6	83.1	76.2
October 1998	65.9	53.7	53.8	76.1	W	62.0	86.3	W	68.4	69.9	54.6	56.6
California												
October 1999	91.0	77.4	78.6	100.5	W	86.1	109.8	W	93.8	95.0	78.5	81.9
September 1999	96.6	79.3	80.8	106.2	W	89.4	116.9	W	96.0	100.6	80.7	84.1
October 1998	69.0	54.0	57.7	79.9	58.6	66.6	89.6	63.9	71.8	73.9	55.2	61.5
Hawaii												
October 1999	NA	W	87.3	106.0	W	91.8	NA	W	96.7	NA	W	90.6
September 1999	NA	W	85.9	105.9	W	91.2	NA	W	94.9	NA	W	89.2
October 1998	107.1	W	90.7	111.6	W	97.3	119.9	W	103.0	111.0	W	94.9
Nevada												
October 1999	87.1	82.1	81.0	100.6	—	87.7	112.2	W	94.0	91.8	82.2	83.4
September 1999	90.5	81.0	79.6	102.6	—	85.5	112.5	W	92.6	94.8	81.5	82.0
October 1998	66.3	57.0	56.7	78.9	—	63.9	89.3	—	69.4	71.6	NA	59.5
Oregon												
October 1999	100.3	W	80.8	113.5	—	89.7	123.0	W	95.2	103.9	W	83.2
September 1999	105.7	W	80.8	117.2	—	90.3	125.7	W	95.4	108.8	W	83.1
October 1998	71.8	58.2	54.3	82.8	—	63.2	93.3	W	68.7	75.4	59.3	56.9
Washington												
October 1999	91.6	W	84.5	105.0	—	91.9	116.1	—	96.8	96.1	W	86.9
September 1999	95.9	W	85.4	108.7	—	93.6	119.7	—	97.4	100.2	W	87.7
October 1998	64.9	W	55.6	77.1	—	63.9	87.8	—	70.2	69.5	W	58.6

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						
October 1999	118.4	109.8	64.4	63.5	75.7	64.8
September 1999	117.7	111.9	63.7	62.5	68.0	65.9
October 1998	95.1	90.7	46.9	45.9	50.9	46.6
PAD District I						
October 1999	118.5	109.9	63.8	62.8	73.7	65.4
September 1999	117.3	110.4	62.8	63.0	67.2	67.6
October 1998	98.2	89.1	46.5	46.8	NA	48.0
Subdistrict IA						
October 1999	W	112.3	64.6	NA	W	68.7
September 1999	W	W	NA	NA	106.8	69.5
October 1998	W	89.4	49.1	49.1	NA	51.0
Connecticut						
October 1999	W	108.5	W	66.8	W	W
September 1999	W	W	66.1	NA	-	W
October 1998	W	96.8	NA	NA	-	W
Maine						
October 1999	W	W	W	W	-	66.8
September 1999	W	W	W	W	-	69.1
October 1998	W	W	W	W	-	50.1
Massachusetts						
October 1999	W	W	NA	NA	W	W
September 1999	W	W	NA	NA	W	W
October 1998	W	W	48.4	48.2	W	W
New Hampshire						
October 1999	W	W	W	74.1	W	W
September 1999	W	W	W	75.6	W	W
October 1998	W	W	49.9	W	W	W
Rhode Island						
October 1999	-	W	W	W	-	W
September 1999	-	W	W	W	-	W
October 1998	W	NA	W	W	-	W
Vermont						
October 1999	-	W	W	65.1	W	W
September 1999	-	W	W	W	107.8	W
October 1998	-	W	W	W	NA	-
Subdistrict IB						
October 1999	W	109.1	63.2	61.9	72.3	64.9
September 1999	W	110.5	62.1	62.6	66.7	67.9
October 1998	W	89.3	45.9	46.0	NA	47.3
Delaware						
October 1999	W	108.6	71.4	70.3	W	W
September 1999	W	111.2	W	70.3	-	-
October 1998	W	92.2	W	NA	-	W
District of Columbia						
October 1999	-	-	-	W	W	W
September 1999	-	-	-	-	W	W
October 1998	-	-	-	NA	-	-
Maryland						
October 1999	W	109.7	62.7	61.9	W	66.2
September 1999	W	110.7	62.5	61.5	W	66.8
October 1998	W	W	46.5	46.1	W	48.7
New Jersey						
October 1999	W	107.8	64.2	61.2	W	61.2
September 1999	W	110.0	62.3	62.0	W	NA
October 1998	W	NA	45.8	45.2	W	45.5
New York						
October 1999	W	108.9	65.6	NA	74.3	69.5
September 1999	W	112.2	64.5	NA	67.7	70.2
October 1998	W	88.2	NA	48.3	57.4	52.0
Pennsylvania						
October 1999	W	109.8	60.4	63.5	75.9	69.0
September 1999	W	109.8	60.6	64.2	77.5	70.1
October 1998	99.3	91.8	45.1	46.6	NA	48.2

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
Subdistrict IC						
October 1999	114.0	109.7	64.1	NA	73.7	65.4
September 1999	113.6	109.6	63.2	62.9	65.6	66.8
October 1998	95.4	89.0	46.5	48.1	NA	49.3
Florida						
October 1999	109.9	105.8	64.7	NA	W	70.1
September 1999	110.7	105.3	63.5	NA	W	69.4
October 1998	92.7	87.2	46.9	51.1	W	49.8
Georgia						
October 1999	118.3	111.1	63.0	62.7	W	67.3
September 1999	115.1	110.8	62.2	61.3	W	68.8
October 1998	94.5	87.7	45.5	46.1	NA	49.3
North Carolina						
October 1999	W	NA	63.2	NA	64.7	65.5
September 1999	W	NA	62.9	NA	W	65.7
October 1998	W	92.8	46.1	47.5	56.0	47.7
South Carolina						
October 1999	W	118.4	68.3	68.1	W	67.0
September 1999	121.0	117.3	68.2	68.0	W	67.4
October 1998	W	94.1	51.1	51.9	NA	50.1
Virginia						
October 1999	W	109.6	63.8	NA	W	63.8
September 1999	W	110.3	63.2	NA	W	67.0
October 1998	W	94.1	46.7	48.4	W	48.8
West Virginia						
October 1999	W	W	W	W	92.3	76.1
September 1999	W	114.9	W	W	W	77.5
October 1998	W	W	W	W	W	57.9
PAD District II						
October 1999	NA	104.5	64.5	65.2	92.9	76.9
September 1999	NA	103.6	63.9	65.1	81.3	75.4
October 1998	90.4	86.8	47.3	48.4	53.9	51.8
Illinois						
October 1999	W	W	NA	64.2	W	74.3
September 1999	W	W	NA	64.1	W	74.2
October 1998	W	91.2	45.6	49.1	W	48.4
Indiana						
October 1999	W	108.3	63.8	63.9	W	74.8
September 1999	W	109.7	63.8	62.4	W	72.8
October 1998	W	88.9	46.9	46.3	W	54.3
Iowa						
October 1999	W	106.4	70.6	71.1	W	80.1
September 1999	W	107.1	69.3	72.4	—	W
October 1998	W	86.4	NA	51.9	—	W
Kansas						
October 1999	W	NA	NA	NA	—	82.5
September 1999	NA	98.5	69.9	66.7	—	81.7
October 1998	W	W	51.4	51.9	—	W
Kentucky						
October 1999	W	106.9	64.3	68.7	W	79.2
September 1999	W	W	W	68.9	W	75.9
October 1998	W	W	46.8	49.7	76.8	W
Michigan						
October 1999	NA	NA	64.7	64.7	W	77.6
September 1999	W	97.2	63.8	64.5	W	76.4
October 1998	90.8	W	NA	48.9	NA	52.0
Minnesota						
October 1999	W	W	67.4	69.0	W	W
September 1999	W	102.7	65.0	68.0	W	75.3
October 1998	W	86.9	49.4	50.6	W	W
Missouri						
October 1999	W	105.6	67.7	69.8	—	76.2
September 1999	W	108.0	67.6	69.3	W	76.7
October 1998	W	84.9	48.1	52.2	—	53.4

See footnotes at end of table.

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

Geographic Area Month	Aviation Gasoline		Kerosene-Type Jet Fuel		Kerosene	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Nebraska						
October 1999	W	W	68.3	71.0	—	W
September 1999	W	W	67.6	72.0	—	W
October 1998	W	W	48.3	53.9	—	—
North Dakota						
October 1999	W	NA	70.5	76.5	—	—
September 1999	W	116.3	69.9	NA	—	W
October 1998	W	W	NA	NA	—	W
Ohio						
October 1999	NA	NA	NA	63.9	W	81.6
September 1999	NA	NA	NA	64.8	96.6	78.2
October 1998	93.1	81.5	47.9	48.3	84.4	53.1
Oklahoma						
October 1999	NA	108.2	66.0	63.1	—	73.5
September 1999	NA	107.0	66.2	63.6	—	74.1
October 1998	82.0	87.0	47.8	44.4	—	W
South Dakota						
October 1999	W	W	72.4	73.6	—	W
September 1999	W	W	74.6	73.1	—	W
October 1998	W	91.3	54.4	56.6	—	—
Tennessee						
October 1999	W	NA	63.0	65.5	79.7	72.3
September 1999	W	NA	63.4	66.1	W	72.1
October 1998	W	90.4	46.0	49.1	58.2	49.6
Wisconsin						
October 1999	—	W	65.9	66.8	W	78.5
September 1999	—	W	65.3	66.0	W	78.8
October 1998	—	W	NA	51.1	W	54.5
PAD District III						
October 1999	111.9	97.8	59.9	61.1	74.1	60.9
September 1999	110.5	101.2	59.8	59.4	76.4	61.2
October 1998	88.0	79.6	44.4	43.3	W	43.0
Alabama						
October 1999	W	111.4	63.0	66.0	W	NA
September 1999	113.5	110.1	63.5	NA	W	69.0
October 1998	W	92.2	47.9	49.7	W	53.5
Arkansas						
October 1999	W	W	64.3	62.1	—	W
September 1999	W	W	64.6	W	—	W
October 1998	W	80.0	49.1	53.1	—	W
Louisiana						
October 1999	W	NA	61.1	60.8	W	60.2
September 1999	W	108.1	60.3	57.6	W	61.5
October 1998	W	84.5	44.0	43.4	W	W
Mississippi						
October 1999	W	W	60.6	58.7	W	W
September 1999	W	W	60.0	NA	W	W
October 1998	W	88.3	46.2	41.5	W	W
New Mexico						
October 1999	W	W	68.0	68.6	—	W
September 1999	W	W	67.8	68.5	—	W
October 1998	W	W	50.2	51.4	—	W
Texas						
October 1999	107.4	93.7	59.3	61.2	—	61.5
September 1999	107.9	97.5	59.4	59.9	W	60.2
October 1998	82.4	74.8	44.2	43.1	W	W
PAD District IV						
October 1999	NA	110.1	73.6	71.8	—	85.6
September 1999	NA	108.7	71.5	71.4	—	85.4
October 1998	98.3	92.1	54.1	52.8	W	NA
Colorado						
October 1999	W	W	67.9	68.9	—	W
September 1999	W	W	65.7	67.9	—	W
October 1998	W	W	48.7	49.7	—	W

See footnotes at end of table.

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

Geographic Area Month	Aviation Gasoline		Kerosene-Type Jet Fuel		Kerosene	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Idaho						
October 1999	W	114.6	W	79.3	—	—
September 1999	W	W	79.5	77.4	—	—
October 1998	W	W	56.4	59.4	—	W
Montana						
October 1999	W	W	NA	80.9	—	—
September 1999	W	W	76.9	81.2	—	—
October 1998	W	—	61.9	67.5	—	—
Utah						
October 1999	W	110.6	75.0	78.3	—	W
September 1999	W	108.3	73.9	77.8	—	W
October 1998	W	94.2	58.4	60.2	—	W
Wyoming						
October 1999	W	113.0	76.0	75.2	—	W
September 1999	W	111.7	75.8	71.5	—	—
October 1998	W	W	59.8	61.7	W	—
PAD District V						
October 1999	133.5	124.9	67.3	67.7	W	75.8
September 1999	131.5	128.5	66.2	67.1	W	73.3
October 1998	98.3	100.6	48.2	49.1	W	57.6
Alaska						
October 1999	137.1	145.5	69.1	69.5	W	—
September 1999	W	NA	68.2	66.6	W	—
October 1998	W	100.7	50.1	56.6	W	—
Arizona						
October 1999	W	116.3	67.8	70.5	—	W
September 1999	W	116.1	68.1	69.9	—	W
October 1998	W	100.5	50.3	48.4	—	W
California						
October 1999	132.0	121.5	66.6	66.3	—	W
September 1999	131.2	121.8	65.2	66.0	—	73.3
October 1998	104.8	97.2	47.6	46.8	—	53.7
Hawaii						
October 1999	—	W	69.8	W	—	—
September 1999	—	W	69.4	W	—	—
October 1998	—	W	50.6	W	—	—
Nevada						
October 1999	—	W	69.3	71.3	—	W
September 1999	W	119.9	69.8	71.7	—	—
October 1998	W	95.3	50.2	53.3	—	W
Oregon						
October 1999	—	W	67.9	71.9	—	W
September 1999	W	W	67.4	67.9	—	W
October 1998	—	W	48.5	50.3	—	W
Washington						
October 1999	W	W	66.6	68.7	—	NA
September 1999	W	W	65.8	68.0	—	W
October 1998	W	W	47.5	48.3	—	W

Dash (—) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

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

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

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

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

Geographic Area Month	No. 1 Distillate		No. 2 Distillate ^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						
October 1999	77.3	74.9	67.5	64.3	56.2	52.3
September 1999	74.4	73.6	66.9	64.3	54.4	51.9
October 1998	57.8	53.7	49.7	44.6	43.1	35.3
PAD District I						
October 1999	NA	68.6	65.7	61.3	W	W
September 1999	NA	69.3	64.5	61.6	W	58.4
October 1998	53.5	48.9	48.7	42.9	W	39.4
Subdistrict IA						
October 1999	NA	W	NA	62.7	W	W
September 1999	W	W	NA	63.6	W	W
October 1998	-	51.8	50.7	43.3	W	W
Connecticut						
October 1999	NA	-	NA	61.9	W	W
September 1999	NA	-	NA	62.7	W	W
October 1998	-	W	47.7	43.0	W	W
Maine						
October 1999	-	-	NA	63.4	-	-
September 1999	-	-	NA	63.9	-	-
October 1998	-	W	W	45.0	-	-
Massachusetts						
October 1999	-	-	NA	63.1	W	-
September 1999	W	-	NA	64.8	W	-
October 1998	-	W	50.0	43.1	W	-
New Hampshire						
October 1999	-	-	69.4	NA	W	-
September 1999	-	-	68.1	NA	W	-
October 1998	-	-	W	43.4	-	-
Rhode Island						
October 1999	-	W	NA	62.2	-	-
September 1999	-	W	NA	NA	-	-
October 1998	-	W	45.5	42.5	-	-
Vermont						
October 1999	-	NA	88.6	62.6	W	W
September 1999	-	NA	84.6	63.2	W	W
October 1998	-	W	72.3	46.0	W	-
Subdistrict IB						
October 1999	NA	NA	66.8	60.7	W	W
September 1999	W	NA	66.0	60.3	W	58.4
October 1998	52.4	48.8	49.3	42.0	W	39.3
Delaware						
October 1999	-	-	65.0	W	-	-
September 1999	-	-	64.5	62.8	W	-
October 1998	-	-	NA	43.0	W	-
District of Columbia						
October 1999	-	-	W	W	W	-
September 1999	-	-	W	71.3	W	-
October 1998	-	-	W	W	W	-
Maryland						
October 1999	W	W	61.9	62.1	W	W
September 1999	W	W	62.9	62.7	W	-
October 1998	W	-	46.4	44.4	W	-
New Jersey						
October 1999	W	NA	64.7	59.7	W	W
September 1999	NA	NA	64.4	57.8	W	57.7
October 1998	NA	W	47.2	40.5	W	39.1
New York						
October 1999	NA	W	68.7	62.1	W	W
September 1999	NA	W	67.8	62.6	W	W
October 1998	W	49.1	51.0	43.6	W	W
Pennsylvania						
October 1999	W	69.8	68.6	61.1	W	W
September 1999	-	70.9	67.2	62.1	W	-
October 1998	W	48.8	51.0	42.7	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						
October 1999	—	W	64.9	61.8	60.6	W
September 1999	—	68.7	63.6	63.2	60.7	W
October 1998	W	48.8	48.2	44.0	W	W
Florida						
October 1999	—	W	66.3	62.2	W	—
September 1999	—	W	63.7	63.7	W	—
October 1998	—	—	49.3	44.8	W	—
Georgia						
October 1999	—	—	63.9	61.5	—	—
September 1999	—	—	63.6	62.6	—	—
October 1998	—	W	49.7	43.4	—	—
North Carolina						
October 1999	—	W	62.7	61.5	—	—
September 1999	—	68.3	62.2	62.9	W	—
October 1998	—	W	46.1	43.7	W	—
South Carolina						
October 1999	—	—	65.5	62.0	W	—
September 1999	—	—	63.9	63.2	W	—
October 1998	—	W	48.5	43.7	—	—
Virginia						
October 1999	—	W	63.6	61.3	W	W
September 1999	—	69.2	63.2	62.8	W	W
October 1998	—	48.1	45.1	43.9	W	W
West Virginia						
October 1999	—	W	66.8	66.7	—	—
September 1999	—	—	66.1	65.6	—	—
October 1998	W	—	47.2	45.6	—	—
PAD District II						
October 1999	73.3	73.6	67.1	66.8	W	W
September 1999	72.8	72.9	66.4	66.3	W	W
October 1998	NA	51.1	48.9	45.4	W	W
Illinois						
October 1999	W	68.3	65.2	64.2	—	—
September 1999	W	66.3	64.5	64.2	—	—
October 1998	W	49.8	48.2	43.2	—	—
Indiana						
October 1999	W	71.2	67.0	64.6	W	—
September 1999	W	69.1	67.0	64.8	W	—
October 1998	NA	52.0	47.8	44.9	—	W
Iowa						
October 1999	W	76.3	69.6	69.7	—	—
September 1999	W	74.5	68.4	68.0	—	—
October 1998	NA	51.9	NA	47.3	—	—
Kansas						
October 1999	W	73.4	69.7	67.1	—	—
September 1999	W	70.3	68.2	66.6	—	—
October 1998	W	47.5	48.1	45.0	—	—
Kentucky						
October 1999	W	W	67.5	65.2	W	—
September 1999	—	W	66.5	66.1	W	—
October 1998	—	W	49.3	45.9	W	—
Michigan						
October 1999	W	75.4	69.0	67.5	—	—
September 1999	W	73.5	67.9	67.4	—	—
October 1998	NA	50.5	48.7	45.1	—	—
Minnesota						
October 1999	W	79.3	72.8	72.4	W	W
September 1999	W	76.1	70.5	69.9	W	W
October 1998	W	51.1	51.8	47.6	W	W
Missouri						
October 1999	W	74.0	66.0	66.3	—	—
September 1999	W	73.2	64.7	66.1	—	—
October 1998	NA	51.0	49.5	45.0	—	—

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						
October 1999	W	75.8	67.8	68.7	—	—
September 1999	W	73.7	65.0	67.5	—	—
October 1998	NA	52.4	NA	46.5	—	—
North Dakota						
October 1999	W	80.2	69.4	73.3	—	—
September 1999	W	77.7	67.5	71.4	—	—
October 1998	NA	53.1	W	49.3	—	—
Ohio						
October 1999	W	W	69.3	68.1	W	—
September 1999	W	W	68.7	68.5	W	—
October 1998	W	54.1	50.3	46.9	W	—
Oklahoma						
October 1999	—	60.9	64.8	65.1	—	—
September 1999	—	W	63.4	64.6	—	—
October 1998	—	46.9	47.7	43.5	—	—
South Dakota						
October 1999	W	78.1	73.7	71.8	—	—
September 1999	W	75.4	70.8	69.6	—	—
October 1998	W	53.7	49.6	48.5	—	—
Tennessee						
October 1999	—	W	62.7	63.2	—	—
September 1999	—	W	62.9	63.8	—	—
October 1998	—	W	49.1	44.4	W	—
Wisconsin						
October 1999	73.3	73.5	68.3	67.5	—	—
September 1999	W	72.4	67.0	66.2	—	—
October 1998	W	51.3	47.6	44.9	—	—
PAD District III						
October 1999	W	NA	65.1	60.4	—	W
September 1999	W	73.7	64.6	61.3	—	W
October 1998	W	56.3	47.5	42.1	—	W
Alabama						
October 1999	—	W	64.6	61.3	—	—
September 1999	—	W	64.6	62.8	—	—
October 1998	—	—	46.3	43.4	—	—
Arkansas						
October 1999	—	—	65.9	62.0	—	—
September 1999	—	—	64.3	62.8	—	—
October 1998	—	—	52.9	43.1	—	—
Louisiana						
October 1999	—	—	64.9	58.0	—	—
September 1999	—	—	63.8	58.7	—	—
October 1998	—	—	46.2	40.8	—	—
Mississippi						
October 1999	—	—	61.3	60.4	—	W
September 1999	—	—	62.2	61.5	—	W
October 1998	—	—	44.4	43.1	—	W
New Mexico						
October 1999	W	83.8	81.4	68.3	—	—
September 1999	W	86.1	81.2	69.4	—	—
October 1998	—	59.8	67.7	48.3	—	—
Texas						
October 1999	W	72.6	64.5	60.5	—	—
September 1999	W	70.9	63.9	61.4	—	W
October 1998	W	W	46.7	41.9	—	W
PAD District IV						
October 1999	77.1	81.0	74.0	72.0	—	—
September 1999	73.0	81.4	75.4	72.7	—	—
October 1998	63.3	62.2	56.8	53.2	—	—
Colorado						
October 1999	W	76.5	72.4	69.4	—	—
September 1999	W	76.8	74.2	69.9	—	—
October 1998	W	56.9	54.0	48.7	—	—

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						
October 1999	W	79.4	73.1	71.9	—	—
September 1999	W	80.5	75.6	73.6	—	—
October 1998	NA	65.5	57.9	57.2	—	—
Montana						
October 1999	W	86.8	70.7	76.5	—	—
September 1999	W	83.5	69.7	73.9	—	—
October 1998	W	63.3	53.9	52.4	—	—
Utah						
October 1999	79.7	78.5	73.6	72.6	—	—
September 1999	W	81.7	76.7	75.5	—	—
October 1998	68.2	NA	58.1	58.4	—	—
Wyoming						
October 1999	W	83.6	76.8	72.4	—	—
September 1999	W	84.0	77.6	72.7	—	—
October 1998	W	63.3	58.1	51.6	—	—
PAD District V						
October 1999	90.3	76.7	70.2	70.6	W	W
September 1999	90.9	73.6	70.5	68.1	W	W
October 1998	NA	NA	53.6	49.3	W	W
Alaska						
October 1999	90.7	76.5	89.8	69.9	W	—
September 1999	94.1	73.3	91.1	66.3	W	W
October 1998	NA	NA	74.3	50.8	W	—
Arizona						
October 1999	W	W	70.9	67.1	—	—
September 1999	W	W	69.6	65.7	—	—
October 1998	—	NA	54.2	47.7	—	—
California						
October 1999	—	NA	71.8	71.5	—	W
September 1999	—	NA	70.2	69.5	—	W
October 1998	—	—	50.9	49.9	—	W
Hawaii						
October 1999	—	—	W	NA	—	—
September 1999	—	—	W	65.5	—	—
October 1998	—	—	W	65.4	—	—
Nevada						
October 1999	—	W	W	67.3	—	—
September 1999	—	—	W	66.5	—	—
October 1998	—	W	W	50.8	—	—
Oregon						
October 1999	—	76.1	67.0	68.6	—	—
September 1999	—	74.7	64.3	65.5	—	—
October 1998	W	60.3	47.0	47.6	—	—
Washington						
October 1999	W	78.1	NA	71.8	—	—
September 1999	—	75.7	69.5	66.2	—	—
October 1998	NA	60.0	NA	46.6	—	—

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								
October 1999	91.1	83.7	79.5	W	45.6	65.4	81.3	45.3
September 1999	84.5	81.6	75.8	W	41.7	65.6	75.1	42.3
October 1998	82.6	74.0	66.3	NA	25.9	56.0	71.0	28.5
PAD District I								
October 1999	117.0	87.0	81.3	W	—	75.4	100.9	52.0
September 1999	112.0	84.9	77.5	W	—	73.1	94.8	48.0
October 1998	105.3	78.8	67.1	NA	—	66.5	89.6	33.5
Subdistrict IA								
October 1999	123.9	90.6	78.7	W	—	90.7	109.5	56.2
September 1999	120.3	88.2	74.3	W	—	84.7	104.6	50.7
October 1998	117.0	85.9	W	NA	—	87.6	95.0	38.2
Subdistrict IB								
October 1999	124.2	82.6	90.1	W	—	74.5	105.8	50.1
September 1999	122.0	83.1	89.1	W	—	NA	103.5	45.8
October 1998	110.3	78.0	75.1	NA	—	69.7	95.6	33.0
Subdistrict IC								
October 1999	109.9	88.6	76.9	W	—	74.8	95.6	52.6
September 1999	103.1	84.9	72.9	W	—	72.9	88.3	49.1
October 1998	98.1	76.5	61.6	W	—	63.7	84.2	33.1
PAD District II								
October 1999	75.4	72.6	78.1	W	—	60.1	72.2	43.0
September 1999	70.5	70.1	76.3	W	W	59.2	69.1	42.0
October 1998	66.8	NA	68.8	NA	W	52.7	62.4	28.3
PAD District III								
October 1999	97.0	82.4	78.5	88.0	45.6	74.0	69.2	44.8
September 1999	90.7	78.7	76.0	83.2	41.7	72.1	59.8	40.9
October 1998	86.2	72.5	62.5	NA	25.8	63.0	58.1	27.2
PAD District IV								
October 1999	77.7	85.8	63.8	86.8	—	NA	78.5	45.2
September 1999	71.2	83.2	62.7	83.0	—	82.6	73.2	40.6
October 1998	66.9	NA	49.7	NA	—	67.6	66.1	26.7
PAD District V								
October 1999	103.8	97.0	86.9	W	—	69.3	96.3	48.5
September 1999	96.1	94.5	73.7	W	—	70.3	90.9	42.7
October 1998	95.3	80.3	66.7	NA	—	60.2	84.6	30.5

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							
October 1999	94.7	69.5	72.3	78.6	80.0	76.7	64.7
September 1999	90.1	69.2	72.8	77.5	77.5	75.0	64.6
October 1998	78.6	52.1	55.3	58.7	60.4	58.2	45.2
PAD District I							
October 1999	94.7	68.2	70.5	76.2	70.9	76.9	61.7
September 1999	89.6	67.7	71.1	74.5	68.4	73.7	62.0
October 1998	79.1	53.1	55.7	58.4	57.5	60.5	43.8
Subdistrict IA							
October 1999	91.0	71.2	73.4	83.9	70.8	83.5	62.5
September 1999	86.4	70.1	71.1	81.7	70.0	79.1	63.6
October 1998	75.5	55.9	64.6	66.8	51.7	67.9	44.2
Connecticut							
October 1999	90.8	68.9	67.6	83.7	64.7	82.6	61.6
September 1999	85.2	68.8	68.2	85.1	64.7	78.8	62.6
October 1998	75.5	56.5	58.6	66.9	59.7	69.5	43.9
Maine							
October 1999	91.6	72.7	69.8	84.4	67.5	83.7	63.2
September 1999	88.9	71.4	66.4	78.5	73.7	79.8	64.2
October 1998	74.1	56.4	50.8	65.3	59.8	66.7	45.3
Massachusetts							
October 1999	91.0	71.3	78.1	84.3	NA	84.6	62.9
September 1999	86.1	68.7	NA	84.0	69.0	79.2	64.5
October 1998	75.3	53.5	73.0	70.2	43.6	67.2	44.1
New Hampshire							
October 1999	87.9	68.9	NA	82.7	69.6	79.8	61.7
September 1999	82.0	69.1	NA	78.7	71.7	75.8	63.0
October 1998	71.1	56.5	NA	65.7	55.0	64.9	44.4
Rhode Island							
October 1999	93.1	74.0	71.5	79.6	67.3	86.5	62.2
September 1999	90.6	70.4	71.9	79.2	68.8	81.7	62.3
October 1998	81.7	57.8	NA	66.0	NA	72.8	42.9
Vermont							
October 1999	92.2	75.2	72.7	83.8	75.7	83.9	63.4
September 1999	88.0	75.9	72.0	81.4	74.2	80.7	64.8
October 1998	82.4	59.9	59.3	68.2	65.4	70.9	49.0
Subdistrict IB							
October 1999	96.9	66.5	69.8	78.6	72.0	77.9	61.1
September 1999	90.9	65.8	71.3	76.0	70.1	74.2	60.7
October 1998	82.2	53.5	57.0	59.2	59.8	63.0	43.0
Delaware							
October 1999	90.5	63.6	74.1	78.0	69.3	74.4	61.7
September 1999	85.0	62.9	74.6	76.2	67.8	70.1	62.8
October 1998	76.4	53.5	63.4	59.6	50.5	60.7	43.6
District of Columbia							
October 1999	W	67.6	W	W	W	76.3	W
September 1999	W	65.1	W	W	W	70.3	61.5
October 1998	W	51.1	-	W	W	NA	44.4
Maryland							
October 1999	96.0	72.4	69.9	75.0	67.7	77.4	62.9
September 1999	92.4	70.9	67.4	73.3	69.2	73.9	63.4
October 1998	80.3	55.7	57.7	59.6	54.7	64.0	46.4
New Jersey							
October 1999	100.8	65.6	70.9	75.1	69.3	75.3	59.9
September 1999	95.1	64.7	74.9	73.3	64.6	72.1	58.1
October 1998	82.3	51.5	NA	59.0	51.5	62.0	41.2
New York							
October 1999	105.6	72.0	68.3	82.3	73.9	87.0	62.5
September 1999	98.7	69.9	69.4	79.6	69.9	80.7	62.7
October 1998	88.0	55.2	54.3	64.7	67.3	67.3	43.7

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							
October 1999	86.0	62.8	69.5	79.0	74.3	73.1	61.4
September 1999	81.7	63.2	71.5	76.2	72.7	71.4	62.1
October 1998	74.1	51.6	53.2	57.8	58.2	58.8	44.1
Subdistrict IC							
October 1999	NA	69.4	70.3	73.5	70.6	73.1	62.1
September 1999	92.1	69.1	70.9	72.4	67.9	71.5	63.2
October 1998	78.3	52.0	54.5	56.4	57.5	55.9	44.6
Virginia							
October 1999	94.1	68.6	69.1	74.8	79.8	75.6	61.7
September 1999	88.8	67.5	72.9	73.2	NA	73.5	63.0
October 1998	80.3	53.7	50.3	53.8	60.2	58.3	44.4
West Virginia							
October 1999	NA	67.2	74.3	81.6	73.8	75.0	68.0
September 1999	79.5	68.0	74.0	80.5	71.1	74.5	66.8
October 1998	76.9	49.4	55.1	65.5	51.7	57.0	48.6
PAD District II							
October 1999	92.6	68.7	77.1	79.1	82.6	77.5	67.2
September 1999	89.8	68.2	76.9	77.9	80.6	75.9	66.7
October 1998	73.8	51.4	55.6	58.1	63.6	57.4	46.1
Illinois							
October 1999	89.0	67.9	76.4	78.9	85.6	77.7	65.1
September 1999	85.6	67.7	75.8	76.8	83.4	75.6	64.9
October 1998	69.8	50.6	52.5	62.4	67.6	58.1	44.2
Indiana							
October 1999	91.5	68.7	73.2	73.6	80.9	73.4	64.9
September 1999	91.7	69.1	72.5	74.5	80.1	74.0	65.0
October 1998	73.0	51.2	52.0	57.1	66.5	56.4	45.2
Michigan							
October 1999	NA	72.1	NA	80.0	81.5	81.4	68.3
September 1999	NA	71.3	85.0	77.5	79.8	79.0	68.1
October 1998	77.3	55.1	57.0	62.0	62.0	60.3	46.9
Minnesota							
October 1999	89.8	74.8	79.7	84.1	86.9	83.1	72.5
September 1999	85.4	72.3	76.9	80.2	81.4	78.2	69.7
October 1998	70.7	55.8	60.7	60.5	63.9	62.0	48.4
Ohio							
October 1999	89.9	68.0	NA	79.2	85.9	76.4	68.3
September 1999	86.9	69.4	77.0	79.2	79.7	75.7	68.6
October 1998	74.4	51.4	57.6	59.3	60.4	56.8	47.4
Wisconsin							
October 1999	95.0	72.2	80.0	83.5	86.4	82.3	68.1
September 1999	91.5	71.3	80.0	80.2	82.3	79.3	66.9
October 1998	76.8	52.7	59.5	60.5	70.8	61.5	45.4
PAD District III							
October 1999	NA	65.4	68.4	74.4	74.5	69.8	60.7
September 1999	73.8	65.6	69.3	73.3	73.1	69.5	61.6
October 1998	57.9	47.4	51.5	54.6	55.5	52.1	42.6
PAD District IV							
October 1999	85.2	72.7	NA	83.7	85.6	78.7	72.5
September 1999	86.4	73.9	72.5	83.9	85.7	79.1	73.1
October 1998	78.6	57.1	63.2	66.0	67.1	63.2	54.0
Idaho							
October 1999	86.0	77.0	77.8	87.4	88.5	84.8	72.8
September 1999	89.7	78.1	79.2	87.7	88.3	85.0	74.3
October 1998	78.8	60.9	68.5	69.0	68.7	67.9	58.1

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							
October 1999	109.4	76.5	77.9	86.3	82.8	80.9	71.1
September 1999	106.3	76.4	77.8	85.4	80.5	79.8	68.5
October 1998	89.2	54.1	55.5	67.6	56.9	59.1	49.5
Alaska							
October 1999	108.6	95.4	94.1	NA	82.6	96.5	70.8
September 1999	103.9	93.5	NA	W	79.7	96.5	67.5
October 1998	84.4	76.8	55.5	91.9	73.5	75.6	52.8
Oregon							
October 1999	101.5	76.1	78.4	90.8	78.5	80.4	69.2
September 1999	100.6	73.6	77.0	90.6	75.8	77.6	66.0
October 1998	84.1	56.7	58.2	67.3	60.8	60.8	47.8
Washington							
October 1999	113.7	NA	80.1	88.8	NA	78.1	72.3
September 1999	111.1	74.3	77.4	86.8	88.3	80.9	67.4
October 1998	94.9	56.1	59.6	68.1	68.0	64.1	47.7

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						
October 1999	69.7	72.6	78.6	80.4	75.3	65.6
September 1999	69.5	72.9	77.5	78.0	74.3	65.3
October 1998	51.7	55.9	58.7	60.8	56.2	46.2
PAD District I						
October 1999	68.3	71.5	76.2	71.4	72.0	62.5
September 1999	68.0	71.8	74.5	69.1	71.1	63.1
October 1998	52.4	56.5	58.4	58.8	55.5	45.2
Subdistrict IA						
October 1999	70.2	75.0	83.9	74.3	76.3	64.8
September 1999	69.6	72.7	81.7	71.9	74.9	64.7
October 1998	53.9	71.0	66.8	58.6	60.2	46.3
Connecticut						
October 1999	67.8	68.2	83.7	67.5	73.0	63.0
September 1999	68.1	69.2	85.1	67.3	74.0	63.2
October 1998	52.6	53.6	66.9	64.5	58.5	45.5
Maine						
October 1999	69.4	72.7	84.4	77.9	79.5	64.8
September 1999	69.2	72.6	78.5	75.7	75.4	65.2
October 1998	58.1	58.3	65.3	60.1	62.3	47.7
Massachusetts						
October 1999	71.0	78.5	84.3	NA	77.4	65.7
September 1999	69.3	NA	84.0	71.8	75.6	65.8
October 1998	52.3	NA	70.2	50.7	60.1	46.4
New Hampshire						
October 1999	69.3	NA	82.7	75.3	75.5	65.4
September 1999	69.8	NA	78.7	76.0	73.6	64.2
October 1998	53.1	65.8	65.7	62.1	60.1	45.5
Rhode Island						
October 1999	NA	72.4	79.6	67.3	71.5	64.3
September 1999	68.4	72.3	79.2	68.8	70.1	64.7
October 1998	53.8	NA	66.0	NA	55.9	45.7
Vermont						
October 1999	76.9	75.3	83.8	73.0	78.2	66.2
September 1999	77.3	74.9	81.4	71.9	77.5	67.0
October 1998	58.9	65.2	68.2	64.5	61.9	50.3
Subdistrict IB						
October 1999	66.5	70.4	78.6	73.4	71.8	62.1
September 1999	66.4	71.9	76.0	71.9	70.9	62.1
October 1998	52.3	58.0	59.2	60.6	55.5	45.2
Delaware						
October 1999	63.7	74.0	78.0	71.7	69.2	61.7
September 1999	62.8	74.8	76.2	71.1	68.3	63.0
October 1998	54.0	63.5	59.6	55.1	57.0	44.6
District of Columbia						
October 1999	67.0	W	W	W	69.5	71.4
September 1999	64.8	W	W	W	67.7	71.3
October 1998	48.7	-	W	W	52.0	48.3
Maryland						
October 1999	73.2	70.6	75.0	74.2	73.4	63.6
September 1999	71.8	68.3	73.3	72.1	71.8	63.9
October 1998	54.9	58.0	59.6	58.4	56.6	47.7
New Jersey						
October 1999	65.9	72.3	75.1	69.9	70.2	60.6
September 1999	65.3	76.0	73.3	70.2	70.0	60.2
October 1998	50.7	NA	59.0	52.2	55.5	44.2
New York						
October 1999	68.8	69.0	82.3	73.0	72.9	64.3
September 1999	68.3	70.3	79.6	70.1	71.7	63.8
October 1998	53.6	56.1	64.7	66.6	56.5	46.2

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						
October 1999	63.3	69.4	79.0	73.9	71.7	62.2
September 1999	64.3	70.5	76.2	74.2	70.9	62.5
October 1998	50.9	52.8	57.8	59.7	54.6	45.2
Subdistrict IC						
October 1999	69.4	71.5	73.5	70.8	71.4	62.4
September 1999	69.1	71.5	72.4	68.4	70.6	63.5
October 1998	52.2	55.2	56.4	58.3	54.9	45.0
Virginia						
October 1999	68.1	73.9	74.8	NA	72.6	62.3
September 1999	67.3	74.5	73.2	81.7	71.5	63.6
October 1998	53.7	52.8	53.8	61.5	54.6	45.0
West Virginia						
October 1999	70.5	74.7	81.6	80.2	77.0	68.8
September 1999	71.1	74.3	80.5	79.9	76.4	67.2
October 1998	56.3	55.1	65.5	59.8	60.2	49.8
PAD District II						
October 1999	68.8	77.7	79.1	82.8	77.4	67.6
September 1999	68.4	77.6	77.9	80.8	76.0	67.0
October 1998	51.6	56.7	58.1	63.9	57.2	46.5
Illinois						
October 1999	67.4	78.9	78.9	85.8	77.9	66.2
September 1999	67.2	77.9	76.8	83.6	75.8	65.6
October 1998	50.6	57.6	62.4	67.8	58.7	45.1
Indiana						
October 1999	69.5	78.2	73.6	NA	73.6	65.0
September 1999	69.6	78.1	74.5	80.4	74.1	65.3
October 1998	51.9	55.5	57.1	67.5	56.4	45.6
Michigan						
October 1999	72.0	NA	80.0	81.7	79.8	68.7
September 1999	71.1	85.2	77.5	80.0	77.7	68.5
October 1998	55.0	57.9	62.0	62.5	58.4	47.3
Minnesota						
October 1999	76.5	81.8	84.1	87.4	83.8	73.1
September 1999	73.2	79.9	80.2	82.4	78.8	70.5
October 1998	56.8	63.1	60.5	64.5	62.0	48.7
Ohio						
October 1999	68.0	NA	79.2	86.4	76.3	68.6
September 1999	69.7	77.2	79.2	80.9	75.9	69.3
October 1998	51.9	57.6	59.3	62.4	56.6	48.1
Wisconsin						
October 1999	72.5	80.2	83.5	87.2	81.5	68.8
September 1999	71.6	80.4	80.2	83.2	78.7	67.6
October 1998	53.0	60.5	60.5	70.9	60.0	45.9
PAD District III						
October 1999	65.5	68.8	74.4	74.5	70.0	60.9
September 1999	65.7	69.7	73.3	73.1	69.6	61.9
October 1998	47.5	52.0	54.6	55.5	52.2	43.4
PAD District IV						
October 1999	73.4	NA	83.7	85.6	78.8	72.5
September 1999	74.6	72.5	83.9	85.7	79.2	73.1
October 1998	57.4	63.7	66.0	67.1	63.4	54.0
Idaho						
October 1999	76.9	77.8	87.4	88.5	84.7	72.8
September 1999	78.0	79.1	87.7	88.3	85.0	74.3
October 1998	60.6	68.6	69.0	68.7	67.6	58.1

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						
October 1999	76.0	75.5	86.3	82.6	79.8	71.1
September 1999	75.9	74.3	85.4	80.3	79.1	68.4
October 1998	53.4	55.4	67.6	56.8	57.9	49.5
Alaska						
October 1999	95.8	NA	NA	86.4	91.1	72.1
September 1999	94.6	86.1	W	83.3	93.2	66.5
October 1998	77.7	54.1	91.9	74.6	73.7	53.3
Oregon						
October 1999	75.9	78.3	90.8	78.5	79.3	69.1
September 1999	73.4	77.0	90.6	75.8	77.1	66.0
October 1998	56.6	58.2	67.3	60.8	59.5	47.8
Washington						
October 1999	NA	80.2	88.8	NA	NA	72.3
September 1999	74.3	77.5	86.8	88.2	79.5	67.4
October 1998	56.1	59.6	68.1	67.9	61.9	47.7

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											
October 1999	70.5	71.8	78.6	81.0	76.0	65.9	68.0	73.8	79.3	72.5	63.0
September 1999	70.4	72.1	77.5	78.9	75.1	65.7	67.5	74.0	76.6	71.7	62.9
October 1998	51.5	56.0	58.7	60.4	56.2	46.5	52.4	55.9	61.4	56.1	44.8
PAD District I											
October 1999	66.9	70.2	76.2	70.0	71.8	62.7	72.7	73.7	73.4	73.1	60.3
September 1999	67.0	71.1	74.5	67.1	70.9	63.3	71.6	72.7	71.6	72.0	61.0
October 1998	50.9	55.8	58.4	53.9	54.6	45.4	56.6	57.4	62.6	58.4	43.7
Subdistrict IA											
October 1999	69.8	75.5	83.9	74.1	76.8	64.9	72.0	NA	75.6	72.1	63.2
September 1999	69.6	73.0	81.7	72.5	75.4	64.9	70.0	70.4	70.0	70.2	62.5
October 1998	55.1	72.9	66.8	57.5	61.4	46.6	49.6	61.2	67.9	52.0	44.2
Subdistrict IB											
October 1999	65.9	70.0	78.6	75.7	72.0	62.3	69.7	72.2	71.2	70.5	58.3
September 1999	66.1	71.9	76.0	74.0	71.1	62.2	68.3	72.2	69.9	69.3	59.2
October 1998	51.0	59.5	59.2	59.1	55.1	45.3	56.8	54.4	62.6	57.3	NA
Subdistrict IC											
October 1999	67.3	68.3	73.5	68.5	70.6	62.6	74.0	74.0	74.0	74.1	60.7
September 1999	67.3	69.8	72.4	65.5	69.9	63.8	73.3	72.9	72.1	72.9	61.5
October 1998	49.9	51.7	56.4	51.8	53.0	45.2	57.4	57.8	62.5	59.1	43.8
PAD District II											
October 1999	69.5	74.8	79.1	81.9	77.5	67.5	67.4	81.5	84.6	77.0	68.2
September 1999	69.5	74.2	77.9	80.7	76.3	67.0	65.8	81.7	81.1	74.8	67.5
October 1998	51.6	55.4	58.1	63.7	57.0	46.5	51.6	57.5	64.1	57.8	46.5
PAD District III											
October 1999	67.7	69.8	74.4	75.9	71.9	61.6	63.2	67.8	73.3	66.3	58.7
September 1999	68.7	70.7	73.3	73.9	71.6	62.5	62.5	68.6	72.5	65.9	59.6
October 1998	49.3	53.2	54.6	55.7	53.3	43.7	44.9	50.3	55.3	49.3	42.0
PAD District IV											
October 1999	75.3	NA	83.7	86.6	79.7	72.8	70.8	72.3	84.2	74.8	70.3
September 1999	75.3	72.4	83.9	85.3	79.8	73.2	73.7	73.3	86.1	77.1	72.0
October 1998	59.2	63.5	66.0	66.5	64.4	53.8	55.3	64.5	68.7	59.1	56.4
PAD District V											
October 1999	79.0	75.5	86.3	86.3	82.5	71.1	69.5	75.4	73.1	71.5	70.7
September 1999	77.2	74.0	85.4	84.4	80.9	68.9	72.3	74.6	72.2	72.8	64.9
October 1998	52.6	56.2	67.6	57.5	58.3	49.7	56.8	54.3	56.2	56.5	48.3

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						
October 1999	50.5	47.3	48.1	45.0	48.7	46.0
September 1999	46.2	45.2	47.7	44.1	47.3	44.6
October 1998	33.4	31.4	28.8	27.1	30.1	28.5
PAD District I						
October 1999	50.3	49.5	47.1	44.2	48.2	48.2
September 1999	45.9	46.9	46.7	46.4	46.4	46.9
October 1998	33.0	31.8	29.3	28.0	30.8	29.9
Subdistrict IA						
October 1999	NA	NA	45.8	W	46.8	NA
September 1999	40.3	47.7	44.9	W	42.2	47.6
October 1998	29.4	28.2	30.6	W	29.9	27.8
Connecticut						
October 1999	56.9	NA	NA	NA	NA	NA
September 1999	W	W	NA	NA	W	W
October 1998	39.4	-	-	-	39.4	-
Maine						
October 1999	W	W	46.1	NA	48.6	47.8
September 1999	W	W	44.2	NA	46.2	47.0
October 1998	W	W	29.4	W	29.5	W
Massachusetts						
October 1999	NA	NA	45.6	W	45.7	NA
September 1999	NA	NA	44.9	W	45.0	NA
October 1998	W	W	NA	W	29.8	27.8
New Hampshire						
October 1999	W	-	W	W	NA	W
September 1999	49.8	-	W	W	NA	W
October 1998	W	-	NA	-	NA	-
Rhode Island						
October 1999	50.1	NA	-	-	50.1	NA
September 1999	43.6	W	-	-	43.6	W
October 1998	37.3	W	W	-	35.7	W
Vermont						
October 1999	W	-	W	-	W	-
September 1999	W	-	W	-	W	-
October 1998	W	-	33.1	-	34.2	-
Subdistrict IB						
October 1999	52.2	50.7	46.3	44.8	48.7	49.8
September 1999	50.8	45.6	46.6	46.3	47.9	45.7
October 1998	34.6	32.8	27.1	27.3	31.3	30.4
Delaware						
October 1999	NA	W	45.4	W	NA	W
September 1999	NA	W	NA	47.9	NA	48.1
October 1998	33.8	W	26.4	23.6	30.9	23.8
District of Columbia						
October 1999	-	-	-	-	-	-
September 1999	-	-	-	-	-	-
October 1998	W	-	-	-	W	-
Maryland						
October 1999	48.8	W	47.8	NA	48.5	W
September 1999	W	W	47.7	W	47.7	47.1
October 1998	31.2	W	30.0	W	30.6	W
New Jersey						
October 1999	46.9	W	NA	W	45.4	47.4
September 1999	45.1	50.9	NA	NA	44.7	47.9
October 1998	31.4	W	25.1	26.2	28.8	29.3
New York						
October 1999	63.1	51.7	47.5	48.2	52.2	51.6
September 1999	NA	NA	47.5	W	51.0	NA
October 1998	36.3	33.0	27.7	NA	33.1	32.7
Pennsylvania						
October 1999	NA	W	45.9	44.2	46.6	48.9
September 1999	NA	W	46.1	46.5	46.5	W
October 1998	36.6	W	26.6	28.4	28.9	29.5

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						
October 1999	48.4	W	48.4	43.3	48.4	45.5
September 1999	48.5	W	47.4	48.0	47.8	W
October 1998	32.9	W	30.3	W	30.7	W
Florida						
October 1999	48.2	W	48.3	W	48.3	W
September 1999	48.6	W	47.5	—	48.0	W
October 1998	W	W	29.9	W	30.2	W
Georgia						
October 1999	—	—	48.1	W	48.1	W
September 1999	—	—	NA	—	NA	—
October 1998	—	—	32.3	W	32.3	W
North Carolina						
October 1999	W	—	49.6	44.2	49.8	44.2
September 1999	W	—	48.9	45.8	49.0	45.8
October 1998	W	—	31.3	29.3	31.9	29.3
South Carolina						
October 1999	W	—	W	—	W	—
September 1999	W	—	W	W	W	W
October 1998	W	—	W	—	W	—
Virginia						
October 1999	NA	W	46.4	W	46.9	46.6
September 1999	NA	W	44.9	W	45.0	W
October 1998	31.5	W	29.5	W	30.9	W
West Virginia						
October 1999	W	—	—	—	W	—
September 1999	W	—	—	—	W	—
October 1998	W	W	—	—	W	W
PAD District II						
October 1999	40.8	W	41.3	41.0	41.1	40.7
September 1999	39.5	W	40.0	37.0	39.8	37.2
October 1998	38.8	34.8	34.9	32.8	36.6	33.1
Illinois						
October 1999	W	W	W	—	W	W
September 1999	W	—	W	—	42.9	—
October 1998	W	—	W	W	39.0	W
Indiana						
October 1999	W	NA	42.7	W	42.8	W
September 1999	W	NA	W	W	W	W
October 1998	41.2	W	32.7	W	32.9	W
Iowa						
October 1999	W	—	—	—	W	—
September 1999	W	—	—	—	W	—
October 1998	W	—	—	—	W	—
Kansas						
October 1999	W	—	W	W	37.7	W
September 1999	W	—	35.0	W	35.7	W
October 1998	—	—	40.3	W	40.3	W
Kentucky						
October 1999	W	—	—	—	W	—
September 1999	W	—	—	—	W	—
October 1998	W	—	—	W	W	W
Michigan						
October 1999	42.4	W	44.8	W	43.3	W
September 1999	41.1	—	42.5	W	41.5	W
October 1998	40.5	—	39.9	W	40.4	W
Minnesota						
October 1999	—	—	33.9	W	33.9	W
September 1999	—	—	W	W	W	W
October 1998	W	—	W	NA	31.9	NA
Missouri						
October 1999	43.9	NA	—	—	43.9	NA
September 1999	W	—	—	—	W	—
October 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						
October 1999	W	-	-	-	W	-
September 1999	W	-	-	-	W	-
October 1998	W	-	-	-	W	-
North Dakota						
October 1999	-	W	W	-	W	W
September 1999	-	W	W	-	W	W
October 1998	-	-	W	-	W	-
Ohio						
October 1999	50.0	-	43.3	44.1	44.4	44.1
September 1999	W	-	NA	W	41.0	W
October 1998	W	W	32.9	W	36.9	28.7
Oklahoma						
October 1999	-	-	W	W	W	W
September 1999	-	-	W	W	W	W
October 1998	-	-	W	-	W	-
South Dakota						
October 1999	W	-	-	-	W	-
September 1999	W	-	-	-	W	-
October 1998	W	-	-	-	W	-
Tennessee						
October 1999	W	NA	W	W	W	W
September 1999	W	-	W	W	47.0	W
October 1998	W	W	W	-	W	W
Wisconsin						
October 1999	35.6	W	-	W	35.6	W
September 1999	W	-	-	W	W	W
October 1998	NA	W	-	W	NA	W
PAD District III						
October 1999	W	39.2	46.2	45.2	46.2	44.6
September 1999	W	38.6	48.5	44.7	48.5	44.3
October 1998	-	29.3	27.0	25.6	27.0	26.1
Alabama						
October 1999	W	-	NA	W	NA	W
September 1999	W	-	NA	NA	NA	NA
October 1998	-	W	NA	W	NA	W
Arkansas						
October 1999	-	-	W	-	W	-
September 1999	-	-	W	-	W	-
October 1998	-	-	-	-	-	-
Louisiana						
October 1999	-	NA	43.6	45.2	43.6	45.2
September 1999	-	W	46.1	44.4	46.1	43.9
October 1998	-	W	NA	24.5	NA	24.8
Mississippi						
October 1999	-	W	NA	W	NA	40.4
September 1999	-	-	NA	-	NA	-
October 1998	-	W	NA	W	NA	W
New Mexico						
October 1999	-	W	-	-	-	W
September 1999	-	W	-	-	-	W
October 1998	-	W	-	-	-	W
Texas						
October 1999	-	41.8	46.8	44.7	46.8	44.7
September 1999	-	40.0	49.8	44.7	49.8	44.2
October 1998	-	W	26.4	26.1	26.4	26.7
PAD District IV						
October 1999	-	W	W	W	W	W
September 1999	W	W	W	W	26.0	22.4
October 1998	W	W	W	W	W	21.0
Colorado						
October 1999	-	-	-	-	-	-
September 1999	W	-	-	-	W	-
October 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						
October 1999	-	-	-	-	-	-
September 1999	-	-	-	-	-	-
October 1998	-	-	-	-	-	-
Montana						
October 1999	-	-	W	W	W	W
September 1999	-	-	W	W	W	W
October 1998	-	-	W	W	W	W
Utah						
October 1999	-	W	-	-	-	W
September 1999	-	W	-	-	-	W
October 1998	W	W	-	W	W	W
Wyoming						
October 1999	-	W	W	W	W	W
September 1999	-	W	W	W	W	W
October 1998	-	W	-	W	-	W
PAD District V						
October 1999	W	NA	52.9	NA	53.0	NA
September 1999	51.3	40.8	49.6	41.4	49.9	41.0
October 1998	W	31.1	30.4	NA	31.5	30.3
Alaska						
October 1999	-	-	-	-	-	-
September 1999	-	-	-	-	-	-
October 1998	-	-	-	-	-	-
Arizona						
October 1999	-	W	-	-	-	W
September 1999	-	W	-	-	-	W
October 1998	-	W	-	-	-	W
California						
October 1999	W	NA	54.0	50.8	54.0	NA
September 1999	W	40.6	49.4	46.8	49.4	41.8
October 1998	W	31.0	30.5	31.8	30.5	31.4
Hawaii						
October 1999	W	-	53.9	NA	53.4	NA
September 1999	W	-	52.5	W	51.8	W
October 1998	W	-	32.1	W	34.1	W
Nevada						
October 1999	-	-	-	-	-	-
September 1999	-	W	-	-	-	W
October 1998	-	W	-	-	-	W
Oregon						
October 1999	-	W	52.5	W	52.5	51.4
September 1999	-	W	53.1	52.7	53.1	51.7
October 1998	-	-	W	W	W	W
Washington						
October 1999	NA	W	49.8	49.9	49.8	50.7
September 1999	W	NA	48.0	NA	47.8	NA
October 1998	-	-	29.9	NA	29.9	NA

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*.

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."

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												
October 1999	41,467.8	42,772.0	47,160.6	150,633.0	34,542.6	232,336.2	9,411.9	9,555.1	W	15,642.0	W	25,837.6
September 1999	40,745.6	42,109.6	46,620.0	152,893.2	30,203.5	229,716.6	9,247.8	9,408.6	W	15,910.8	W	26,030.7
October 1998	42,552.2	44,111.3	45,145.7	140,972.3	30,541.4	216,659.4	10,609.9	10,777.5	11,290.9	16,630.7	NA	27,939.1
PAD District I												
October 1999	11,129.9	11,691.5	16,954.9	45,118.5	11,148.4	73,221.8	2,823.5	2,903.1	3,959.9	5,900.5	NA	9,869.1
September 1999	10,430.5	10,977.4	16,529.9	45,151.5	8,168.1	69,849.5	2,749.7	2,833.8	3,921.1	6,065.6	NA	10,001.3
October 1998	10,320.2	10,837.1	16,425.5	43,191.4	5,329.5	64,946.4	2,908.9	2,990.2	4,204.3	6,328.4	-	10,532.7
Subdistrict IA												
October 1999	NA	NA	W	4,600.5	W	9,241.0	NA	NA	NA	428.7	-	980.0
September 1999	NA	NA	W	4,624.4	W	7,905.1	NA	NA	NA	442.0	-	993.2
October 1998	474.0	482.7	W	4,432.1	W	8,028.9	135.7	136.1	627.9	467.9	-	1,095.8
Connecticut												
October 1999	W	W	NA	1,269.4	510.0	2,591.2	W	W	NA	122.4	-	287.4
September 1999	W	W	NA	W	W	2,483.3	W	W	NA	122.6	-	291.0
October 1998	W	W	843.8	W	W	2,188.3	W	W	193.2	133.6	-	326.8
Maine												
October 1999	-	-	W	W	-	950.8	-	-	W	W	-	80.5
September 1999	-	-	W	W	-	946.2	-	-	W	W	-	85.8
October 1998	-	-	W	897.8	W	1,241.3	-	-	W	W	-	97.3
Massachusetts												
October 1999	NA	NA	1,553.9	W	W	4,042.1	88.1	88.1	W	W	-	446.6
September 1999	NA	NA	1,513.0	1,593.9	-	3,106.9	NA	NA	NA	158.6	-	443.1
October 1998	270.7	274.0	W	1,541.5	W	3,304.9	81.2	81.5	W	W	-	486.1
New Hampshire												
October 1999	NA	NA	W	156.2	W	469.4	NA	NA	W	W	-	48.0
September 1999	NA	NA	173.8	137.9	-	311.7	NA	NA	W	W	-	49.2
October 1998	66.8	66.8	177.0	119.3	-	296.3	16.8	16.8	W	W	-	50.1
Rhode Island												
October 1999	W	52.4	287.3	W	W	948.1	W	14.9	W	W	-	94.2
September 1999	W	51.4	284.8	528.9	-	813.7	W	14.4	W	W	-	100.8
October 1998	W	W	283.4	526.1	-	809.5	W	W	58.4	52.0	-	110.5
Vermont												
October 1999	-	W	W	W	-	NA	-	W	W	W	-	NA
September 1999	-	W	W	W	-	NA	-	W	W	W	-	NA
October 1998	-	-	W	W	-	188.6	-	-	W	W	-	25.0
Subdistrict IB												
October 1999	3,878.0	4,010.0	W	13,031.9	W	31,862.4	885.6	909.8	2,046.9	1,293.0	NA	3,348.6
September 1999	3,703.3	3,831.7	W	13,313.6	W	30,351.8	879.1	904.4	1,997.0	1,349.6	NA	3,361.2
October 1998	3,531.2	3,649.1	9,376.8	13,158.6	4,422.0	26,957.5	890.4	905.8	2,138.9	1,452.6	-	3,591.5
Delaware												
October 1999	21.8	W	W	W	-	566.6	6.0	W	43.1	48.5	-	91.6
September 1999	22.4	W	W	W	-	570.7	6.0	W	40.4	52.6	-	93.0
October 1998	21.7	32.4	220.6	361.8	-	582.5	6.8	6.8	49.3	58.7	-	108.0
District of Columbia												
October 1999	-	W	125.7	-	-	125.7	-	W	68.7	-	-	68.7
September 1999	-	W	119.3	-	-	119.3	-	W	65.7	-	-	65.7
October 1998	-	6.7	110.7	-	-	110.7	-	W	NA	-	-	NA
Maryland												
October 1999	-	41.9	1,758.3	1,609.7	-	3,368.0	-	W	W	W	-	745.3
September 1999	-	40.7	1,705.7	1,554.0	-	3,259.7	-	W	W	W	-	736.3
October 1998	-	28.7	1,688.7	1,478.7	-	3,167.4	-	W	524.9	263.1	-	787.9
New Jersey												
October 1999	820.0	845.9	2,675.3	2,321.0	6,260.1	11,256.4	184.5	187.5	555.2	276.3	-	831.5
September 1999	711.2	736.6	2,551.6	2,301.5	5,425.9	10,279.0	181.8	185.2	535.7	288.7	-	824.4
October 1998	789.7	808.6	2,559.7	2,191.1	3,268.8	8,019.6	206.2	209.2	556.6	297.7	-	854.3
New York												
October 1999	1,417.6	1,449.0	3,136.6	W	W	7,904.4	244.1	256.6	605.2	W	W	818.8
September 1999	1,394.8	1,424.5	3,077.8	W	W	7,662.7	247.5	260.3	597.8	W	W	822.6
October 1998	1,383.8	1,413.5	2,730.7	4,168.4	340.1	7,239.2	263.8	268.0	593.4	247.8	-	841.2
Pennsylvania												
October 1999	1,618.6	1,631.2	1,963.5	4,645.7	NA	8,641.3	451.1	451.9	W	W	-	792.8
September 1999	1,575.0	1,590.4	1,914.1	5,026.8	NA	8,460.4	443.8	444.8	W	W	-	819.3
October 1998	1,336.0	1,359.2	2,066.3	4,958.6	813.1	7,838.0	413.6	414.8	345.1	585.3	-	930.3

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	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												
October 1999	8,013.9	8,229.4	W	28,269.8	W	50,498.1	58,893.7	60,556.5	72,884.3	194,544.8	41,242.8	308,671.9
September 1999	7,803.7	8,059.5	W	29,436.1	W	50,493.2	57,797.1	59,577.8	71,996.4	198,240.1	36,004.1	306,240.5
October 1998	9,968.9	10,233.1	17,968.1	31,710.8	4,441.7	54,120.6	63,131.0	65,121.8	74,404.6	189,313.8	35,000.6	298,719.1
PAD District I												
October 1999	2,872.4	2,960.5	7,627.3	11,203.9	1,946.6	20,777.8	16,825.8	17,555.2	28,542.1	62,222.9	13,103.7	103,868.7
September 1999	2,747.8	2,858.7	7,588.9	11,617.8	1,638.4	20,845.0	15,928.0	16,669.9	28,039.9	62,834.9	9,821.0	100,695.8
October 1998	3,455.0	3,559.8	9,078.4	12,665.1	1,591.4	23,334.8	16,684.1	17,387.0	29,708.2	62,184.8	6,920.8	98,813.8
Subdistrict IA												
October 1999	NA	NA	W	925.7	W	2,142.1	NA	NA	4,281.0	5,954.9	2,127.2	12,363.1
September 1999	NA	NA	W	963.7	W	1,871.9	NA	NA	4,233.7	6,030.2	506.3	10,770.2
October 1998	163.9	164.0	W	1,078.4	W	2,237.8	773.6	782.8	4,531.7	5,978.4	852.5	11,362.5
Connecticut												
October 1999	W	W	NA	293.8	107.5	659.6	W	W	NA	1,685.5	617.5	3,538.2
September 1999	W	W	NA	W	W	657.4	W	W	NA	1,687.9	506.3	3,431.7
October 1998	W	W	325.3	W	W	814.4	W	W	1,362.3	W	W	3,329.6
Maine												
October 1999	-	-	W	123.7	W	197.8	-	-	W	1,104.6	W	1,229.2
September 1999	-	-	W	W	-	117.7	-	-	W	W	-	1,149.7
October 1998	-	-	W	W	-	174.3	-	-	W	1,151.2	W	1,512.9
Massachusetts												
October 1999	NA	NA	W	W	W	968.7	512.5	NA	2,267.4	W	W	5,457.4
September 1999	NA	NA	425.1	368.6	-	793.8	NA	NA	2,222.6	2,121.2	-	4,343.8
October 1998	92.7	92.7	516.9	397.6	-	914.5	444.6	448.1	2,352.9	W	W	4,705.6
New Hampshire												
October 1999	NA	NA	36.3	W	W	81.1	NA	NA	245.8	W	W	598.5
September 1999	NA	NA	W	W	-	57.9	NA	NA	W	W	-	418.8
October 1998	19.0	19.0	W	W	-	66.0	102.5	102.5	258.7	153.6	-	412.4
Rhode Island												
October 1999	W	11.2	W	W	-	195.0	W	78.4	414.6	W	W	1,237.2
September 1999	W	11.0	W	W	-	204.1	W	76.8	413.6	705.0	-	1,118.6
October 1998	W	W	90.0	136.7	-	226.7	W	W	431.8	714.8	-	1,146.6
Vermont												
October 1999	-	W	W	W	-	NA	-	W	W	W	-	NA
September 1999	-	W	W	W	-	NA	-	W	W	W	-	NA
October 1998	-	-	W	W	-	41.9	-	-	W	W	-	255.5
Subdistrict IB												
October 1999	974.7	993.1	W	3,047.9	W	9,227.9	5,738.3	5,912.8	16,592.2	17,372.8	10,474.0	44,439.0
September 1999	923.9	945.6	W	3,164.9	W	9,229.5	5,506.2	5,681.7	16,193.0	17,828.1	8,921.4	42,942.5
October 1998	1,156.2	1,175.0	5,495.5	3,537.5	1,357.4	10,390.3	5,577.8	5,729.9	17,011.2	18,148.7	5,779.4	40,939.2
Delaware												
October 1999	5.7	7.0	W	W	-	115.0	33.5	49.2	315.5	457.7	-	773.2
September 1999	5.8	7.0	W	W	-	119.9	34.2	47.3	301.5	482.1	-	783.6
October 1998	6.7	8.0	61.5	90.1	-	151.6	35.2	47.1	331.4	510.7	-	842.1
District of Columbia												
October 1999	-	W	122.7	-	-	122.7	-	9.5	317.1	-	-	317.1
September 1999	-	W	118.0	-	-	118.0	-	8.6	303.1	-	-	303.1
October 1998	-	W	NA	-	-	NA	-	10.0	NA	-	-	NA
Maryland												
October 1999	-	W	W	W	W	1,120.3	-	53.4	2,918.2	W	W	5,233.6
September 1999	-	W	W	W	W	1,131.6	-	54.7	2,846.3	W	W	5,127.6
October 1998	-	W	849.3	454.7	-	1,304.0	-	40.3	3,062.9	2,196.5	-	5,259.4
New Jersey												
October 1999	308.6	312.9	1,384.6	784.1	293.5	2,462.3	1,313.0	1,346.4	4,615.1	3,381.4	6,553.6	14,550.1
September 1999	265.2	269.6	1,367.2	811.1	492.4	2,670.7	1,158.2	1,191.4	4,454.5	3,401.3	5,918.3	13,774.1
October 1998	366.7	370.4	1,597.1	872.3	570.5	3,039.9	1,362.6	1,388.3	4,713.4	3,361.1	3,839.3	11,913.8
New York												
October 1999	329.1	333.6	1,857.6	874.9	619.8	3,352.4	1,990.8	2,039.2	5,599.4	5,190.2	1,285.9	12,075.5
September 1999	329.7	335.2	1,841.4	868.9	493.3	3,203.6	1,972.0	2,019.9	5,517.0	5,151.5	1,020.4	11,688.8
October 1998	417.3	420.8	2,094.4	986.2	492.5	3,573.2	2,064.9	2,102.3	5,418.5	5,402.4	832.6	11,653.6
Pennsylvania												
October 1999	331.3	332.1	W	901.1	W	2,055.3	2,401.0	2,415.2	2,826.9	W	W	11,489.5
September 1999	323.1	324.6	W	995.6	W	1,985.7	2,341.9	2,359.7	2,770.8	W	W	11,265.4
October 1998	365.6	367.9	738.6	1,134.1	294.3	2,167.1	2,115.2	2,141.9	3,150.0	6,678.0	1,107.4	10,935.4

See footnotes at end of table.

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

Geographic Area Month	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												
October 1999	6,686.6	7,106.6	4,157.2	27,486.2	475.0	32,118.4	1,798.7	1,853.7	1,361.7	4,178.8	—	5,540.5
September 1999	6,224.5	6,634.1	4,091.1	27,213.4	288.1	31,592.6	1,742.4	1,800.8	1,372.9	4,274.0	—	5,646.9
October 1998	6,314.9	6,705.2	W	25,600.6	W	29,960.0	1,882.8	1,948.3	1,437.6	4,407.9	—	5,845.5
Florida												
October 1999	3,020.6	3,191.0	2,297.8	W	W	8,954.0	830.7	847.3	W	W	—	1,789.5
September 1999	2,909.0	3,051.9	W	6,455.3	W	8,785.9	815.3	830.6	W	W	—	1,855.5
October 1998	2,860.9	2,997.6	2,309.0	6,147.3	NA	8,491.2	850.8	874.0	W	W	—	1,966.6
Georgia												
October 1999	1,330.7	1,407.7	543.5	W	W	6,651.8	386.0	400.1	W	W	—	1,001.7
September 1999	1,187.9	1,268.6	556.7	W	W	6,498.4	373.2	391.0	W	W	—	999.8
October 1998	1,264.4	1,330.5	527.2	5,504.8	—	6,032.0	416.5	436.7	222.7	757.2	—	979.9
North Carolina												
October 1999	559.3	637.5	W	6,893.5	W	6,944.7	147.7	150.8	W	W	—	1,119.3
September 1999	515.9	605.5	W	6,878.0	W	6,965.8	144.3	148.1	W	W	—	1,174.0
October 1998	518.5	616.0	W	W	—	6,424.9	158.3	161.5	W	W	—	1,224.3
South Carolina												
October 1999	616.5	658.5	123.1	3,162.8	—	3,285.9	148.8	157.9	20.3	464.4	—	484.6
September 1999	498.1	543.9	144.3	3,164.4	—	3,308.7	130.9	139.4	25.6	466.0	—	491.7
October 1998	561.3	603.2	W	W	—	3,118.4	156.0	162.7	W	W	—	514.0
Virginia												
October 1999	NA	NA	1,133.5	4,683.2	81.9	5,898.6	NA	190.9	354.6	733.4	—	1,088.0
September 1999	664.3	706.4	1,096.7	4,530.9	NA	5,657.3	175.7	186.1	W	W	—	1,069.9
October 1998	670.8	709.5	1,136.1	W	W	5,578.4	193.0	202.8	W	W	—	1,095.4
West Virginia												
October 1999	456.2	463.6	W	W	—	383.3	105.0	106.7	W	W	—	57.4
September 1999	449.3	457.7	W	W	—	376.5	103.1	105.6	W	W	—	56.0
October 1998	439.1	448.4	W	W	—	315.1	108.4	110.6	W	W	—	65.2
PAD District II												
October 1999	12,419.5	12,850.8	7,716.0	58,288.2	5,402.7	71,406.8	2,410.5	2,442.6	1,936.0	4,983.6	—	6,919.6
September 1999	12,085.9	12,535.6	7,647.7	59,042.8	5,617.9	72,308.4	2,310.0	2,345.0	1,900.3	4,929.6	—	6,830.0
October 1998	14,288.9	14,797.7	7,637.2	52,224.7	5,429.5	65,291.5	3,175.3	3,208.5	1,961.8	4,731.5	—	6,693.2
Illinois												
October 1999	1,352.9	1,374.0	W	6,154.9	W	8,789.4	327.7	328.4	617.7	474.9	—	1,092.6
September 1999	1,273.4	1,292.8	W	6,223.6	W	9,244.3	309.2	309.9	606.7	552.3	—	1,158.9
October 1998	2,149.3	2,161.5	1,546.0	W	W	8,144.5	602.4	603.0	595.9	578.2	—	1,174.1
Indiana												
October 1999	1,048.8	1,064.6	W	4,531.9	W	5,412.2	218.0	218.0	134.8	460.3	—	595.1
September 1999	1,023.1	1,037.3	W	4,460.8	W	5,249.5	210.2	210.6	135.9	461.4	—	597.3
October 1998	1,198.3	1,219.3	643.9	3,947.7	369.3	4,960.8	296.0	296.0	160.5	475.6	—	636.1
Iowa												
October 1999	W	109.9	W	W	—	3,077.8	W	W	W	W	—	489.9
September 1999	105.7	106.8	W	W	—	3,321.8	W	W	W	W	—	473.0
October 1998	W	127.4	NA	2,942.8	—	3,036.1	W	W	W	W	—	370.6
Kansas												
October 1999	395.1	405.5	W	2,578.1	W	3,348.7	50.2	51.3	W	W	—	83.7
September 1999	402.9	410.1	W	W	736.5	3,533.9	51.2	51.6	W	W	—	81.5
October 1998	453.4	473.4	W	2,360.5	W	3,050.3	51.9	52.7	27.4	40.3	—	NA
Kentucky												
October 1999	588.3	621.4	142.9	3,383.1	—	3,525.9	123.7	126.7	W	W	—	410.1
September 1999	557.0	608.8	151.4	3,424.1	—	3,575.6	116.7	120.7	W	W	—	416.3
October 1998	555.8	609.6	W	3,004.8	W	3,279.1	133.4	136.0	W	W	—	445.3
Michigan												
October 1999	1,793.3	1,885.0	1,931.4	W	W	9,357.8	257.4	258.7	W	W	—	682.9
September 1999	1,754.7	1,840.7	1,908.6	7,472.5	—	9,381.1	247.0	248.4	383.5	311.5	—	695.0
October 1998	2,401.0	2,519.9	1,815.1	5,621.2	—	7,436.3	415.8	418.2	406.5	277.7	—	684.2
Minnesota												
October 1999	968.1	975.4	W	3,397.8	W	4,053.2	153.7	154.5	W	W	—	751.8
September 1999	952.3	956.2	W	3,611.6	W	4,221.1	148.9	149.6	W	W	—	746.0
October 1998	845.7	861.1	W	3,351.5	W	4,070.8	159.4	159.4	W	W	—	618.3
Missouri												
October 1999	504.5	519.6	W	W	—	4,797.7	78.2	78.5	W	W	—	267.5
September 1999	512.9	523.2	W	W	—	4,856.1	79.9	80.2	W	W	—	257.5
October 1998	644.4	662.3	NA	3,998.7	—	4,383.5	128.5	129.1	NA	113.1	—	220.2

See footnotes at end of table.

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

Geographic Area Month	Premium						All Grades					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total
Subdistrict IC												
October 1999	1,753.7	1,823.3	2,150.0	7,230.2	NA	9,407.8	10,239.0	10,783.6	7,668.9	38,895.2	502.5	47,066.6
September 1999	1,694.7	1,783.7	2,149.1	7,489.2	105.3	9,743.6	9,661.6	10,218.5	7,613.1	38,976.6	393.4	46,983.1
October 1998	2,134.9	2,220.7	W	8,049.2	W	10,706.6	10,332.6	10,874.3	8,165.4	38,057.7	NA	46,512.1
Florida												
October 1999	935.0	953.8	1,297.5	1,768.5	—	3,065.9	4,786.3	4,992.2	W	9,429.7	W	13,809.4
September 1999	921.8	952.7	1,299.0	W	W	3,173.1	4,646.1	4,835.2	W	9,388.8	W	13,814.5
October 1998	1,144.9	1,168.7	1,573.9	W	W	3,596.7	4,856.6	5,040.4	W	9,269.5	W	14,054.5
Georgia												
October 1999	341.7	358.7	W	W	—	1,742.5	2,058.4	2,166.5	1,026.1	W	W	9,395.9
September 1999	319.0	338.9	W	1,553.0	W	1,865.4	1,880.1	1,998.5	W	8,159.0	W	9,363.6
October 1998	400.7	423.4	NA	1,651.0	—	1,937.3	2,081.5	2,190.7	1,036.2	7,913.0	—	8,949.2
North Carolina												
October 1999	120.4	135.3	W	W	—	1,873.5	827.4	923.6	W	9,871.6	W	9,937.5
September 1999	117.1	132.9	W	W	—	1,948.6	777.3	886.5	W	9,988.6	W	10,088.4
October 1998	149.6	165.9	W	W	—	2,127.8	826.4	943.3	W	W	—	9,777.0
South Carolina												
October 1999	110.6	119.7	29.0	780.1	—	809.1	876.0	936.1	172.4	4,407.3	—	4,579.7
September 1999	95.2	105.1	36.6	836.6	—	873.1	724.2	788.3	206.5	4,467.0	—	4,673.5
October 1998	135.8	145.4	W	W	—	945.5	853.1	911.4	W	W	—	4,577.9
Virginia												
October 1999	193.9	202.8	548.8	1,253.2	NA	1,829.6	NA	NA	2,037.0	6,669.8	NA	8,816.2
September 1999	189.2	200.8	W	W	W	1,800.6	1,029.2	1,093.3	1,983.0	W	W	8,527.8
October 1998	237.2	249.0	W	1,326.5	W	2,014.7	1,101.0	1,161.3	W	6,316.5	W	8,688.5
West Virginia												
October 1999	52.1	53.0	W	W	—	87.2	613.2	623.3	W	W	—	527.9
September 1999	52.4	53.3	W	W	—	82.8	604.7	616.7	W	W	—	515.3
October 1998	66.6	68.3	W	W	—	84.5	614.1	627.3	W	W	—	464.9
PAD District II												
October 1999	1,759.3	1,835.6	1,998.6	8,316.3	199.4	10,514.3	16,589.4	17,129.0	11,650.6	71,588.0	5,602.0	88,840.7
September 1999	1,691.6	1,776.6	2,014.8	8,696.6	200.0	10,911.4	16,087.5	16,657.2	11,562.8	72,669.1	5,817.8	90,049.7
October 1998	2,530.2	2,607.1	2,285.9	8,937.5	343.5	11,566.9	19,994.3	20,613.3	11,884.8	65,893.7	5,773.0	83,551.6
Illinois												
October 1999	275.5	276.8	W	970.1	W	1,721.3	1,956.0	1,979.2	2,959.6	7,599.9	1,043.8	11,603.3
September 1999	261.1	262.2	W	984.3	W	1,688.3	1,843.7	1,864.9	2,911.7	7,760.1	1,419.7	12,091.5
October 1998	520.3	525.8	729.7	W	W	1,746.1	3,272.0	3,290.3	2,871.6	6,718.6	1,474.5	11,064.7
Indiana												
October 1999	144.5	144.6	W	737.5	W	940.5	1,411.4	1,427.2	914.7	5,729.7	303.4	6,947.8
September 1999	134.0	134.0	W	753.0	W	939.3	1,367.3	1,382.0	921.2	5,675.2	189.6	6,786.1
October 1998	224.2	224.5	201.7	775.8	—	977.5	1,718.5	1,739.8	1,006.1	5,199.1	369.3	6,574.4
Iowa												
October 1999	10.7	W	W	W	—	204.0	122.9	125.0	W	W	—	3,771.7
September 1999	W	W	W	W	—	215.5	120.9	122.1	W	W	—	4,010.3
October 1998	13.0	W	W	W	—	222.2	143.8	146.3	W	W	—	3,628.9
Kansas												
October 1999	50.9	51.6	W	W	W	298.0	496.1	508.4	W	2,887.5	W	3,730.5
September 1999	54.0	55.1	W	268.5	W	302.0	508.1	516.7	W	2,995.1	W	3,917.4
October 1998	58.2	59.9	W	252.2	W	293.9	563.4	586.0	W	2,653.0	W	3,411.9
Kentucky												
October 1999	77.1	91.9	W	W	—	720.3	789.1	840.0	201.0	4,455.3	—	4,656.3
September 1999	69.9	95.9	W	W	—	745.7	743.6	825.3	214.3	4,523.3	—	4,737.6
October 1998	103.1	109.5	W	W	—	796.5	792.4	855.1	199.4	W	W	4,520.9
Michigan												
October 1999	164.0	190.9	403.6	972.8	—	1,376.4	2,214.7	2,334.7	W	8,679.5	W	11,417.1
September 1999	160.2	181.0	405.1	1,036.1	—	1,441.1	2,162.0	2,270.1	2,697.2	8,820.0	—	11,517.2
October 1998	288.4	313.9	440.6	945.5	—	1,386.2	3,105.1	3,252.0	2,662.2	6,844.4	—	9,506.6
Minnesota												
October 1999	94.8	94.8	W	W	—	354.7	1,216.5	1,224.6	W	4,371.8	W	5,159.8
September 1999	94.5	94.5	W	W	—	414.2	1,195.7	1,200.3	W	4,643.5	W	5,381.3
October 1998	104.3	104.3	W	W	W	525.4	1,109.4	1,124.8	W	4,300.8	W	5,214.5
Missouri												
October 1999	55.9	56.2	W	W	—	684.6	638.5	654.4	W	W	—	5,749.8
September 1999	57.7	58.2	W	W	—	716.9	650.5	661.5	W	W	—	5,830.5
October 1998	103.6	104.2	NA	602.4	—	711.9	876.6	895.6	NA	4,714.2	—	5,315.5

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	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												
October 1999	46.4	48.7	W	W	—	1,906.9	W	W	W	W	—	130.4
September 1999	45.1	47.2	W	W	—	1,962.5	W	W	W	W	—	108.5
October 1998	47.9	49.8	NA	1,659.5	—	1,780.3	W	W	NA	87.9	—	107.3
North Dakota												
October 1999	W	3.5	W	W	—	979.7	W	W	W	W	—	61.0
September 1999	W	3.5	W	W	—	1,002.7	W	W	W	W	—	62.0
October 1998	W	3.7	NA	855.5	—	922.5	W	W	NA	33.7	—	NA
Ohio												
October 1999	3,563.9	3,718.8	W	5,800.5	W	7,505.8	785.6	809.5	295.9	500.0	—	795.9
September 1999	3,417.4	3,594.9	1,660.3	W	W	7,309.0	741.5	767.6	W	W	—	818.4
October 1998	3,627.7	3,803.2	1,744.5	W	W	7,218.5	894.3	919.6	W	W	—	849.1
Oklahoma												
October 1999	537.8	562.2	W	W	3,154.5	6,524.3	109.4	109.5	W	W	—	37.2
September 1999	537.8	562.5	W	W	2,964.6	6,387.4	107.5	107.6	W	W	—	35.9
October 1998	654.9	681.5	NA	2,729.1	2,532.1	5,314.3	125.0	125.1	NA	34.1	—	37.4
South Dakota												
October 1999	5.2	6.4	10.5	960.8	—	971.4	W	W	W	W	—	60.4
September 1999	5.1	5.7	12.4	1,033.1	—	1,045.5	W	W	W	W	—	60.6
October 1998	8.2	9.2	NA	1,019.4	—	1,050.1	W	W	NA	58.8	—	67.9
Tennessee												
October 1999	1,056.2	1,098.1	154.2	5,851.8	—	6,006.0	240.2	241.1	59.2	887.2	—	946.4
September 1999	1,068.8	1,108.9	148.9	5,815.2	—	5,964.0	233.9	235.0	56.6	924.0	—	980.6
October 1998	979.8	1,013.2	136.9	5,451.3	—	5,588.1	267.6	268.3	67.8	978.0	—	1,045.8
Wisconsin												
October 1999	448.9	457.7	W	W	—	5,149.9	57.0	57.0	W	W	—	514.8
September 1999	W	437.1	W	W	—	5,254.0	55.2	55.2	W	W	—	338.4
October 1998	594.5	602.6	W	4,716.1	W	5,056.3	88.6	88.6	W	W	—	321.7
PAD District III												
October 1999	6,508.0	6,613.6	1,373.4	29,373.2	14,015.2	44,761.8	1,553.5	1,566.5	403.3	3,192.3	—	3,595.5
September 1999	6,548.3	6,677.4	1,381.1	29,908.0	11,733.1	43,022.3	1,580.6	1,597.2	404.3	3,287.3	—	3,691.6
October 1998	6,401.0	6,586.7	1,560.3	28,847.3	14,752.5	45,160.1	1,709.5	1,728.6	477.1	3,672.5	—	4,149.6
Alabama												
October 1999	244.0	272.2	102.5	3,418.2	—	3,520.7	65.8	71.9	35.5	557.5	—	593.0
September 1999	244.2	289.7	107.1	3,469.7	—	3,576.8	69.4	78.6	35.7	577.9	—	613.7
October 1998	243.0	275.4	84.1	3,638.4	—	3,722.5	73.0	79.3	30.5	683.5	—	714.0
Arkansas												
October 1999	131.9	135.5	W	2,582.1	W	2,929.6	20.8	20.8	W	W	—	216.4
September 1999	132.5	135.8	—	W	W	3,055.3	20.6	20.7	—	221.6	—	221.6
October 1998	158.5	161.2	W	2,543.2	W	2,747.5	32.7	32.7	W	W	—	319.2
Louisiana												
October 1999	752.4	766.0	204.8	3,308.6	1,556.3	5,069.7	209.9	210.1	73.8	381.0	—	454.8
September 1999	748.1	764.2	201.2	3,335.7	891.9	4,428.8	207.1	207.4	74.9	393.1	—	468.0
October 1998	730.6	747.8	219.8	3,018.7	869.7	4,108.3	221.2	221.6	89.2	472.2	—	561.4
Mississippi												
October 1999	117.2	154.3	4.6	W	W	3,153.5	23.5	28.5	W	W	—	322.5
September 1999	121.5	157.5	W	2,396.9	W	3,060.1	23.3	27.9	W	W	—	338.0
October 1998	102.7	118.9	5.2	W	W	2,683.1	26.7	29.4	W	W	—	317.3
New Mexico												
October 1999	441.8	442.7	W	W	—	1,484.1	76.5	76.5	W	W	—	79.1
September 1999	453.2	454.6	W	W	—	1,499.2	81.4	81.4	W	W	—	73.2
October 1998	455.6	457.6	W	W	—	1,496.5	91.1	91.1	W	W	—	104.6
Texas												
October 1999	4,820.7	4,842.8	976.3	16,353.2	11,274.8	28,604.3	NA	NA	283.9	1,645.9	—	1,929.8
September 1999	4,848.9	4,875.6	990.3	16,544.0	9,867.8	27,402.1	1,178.8	1,181.3	286.4	1,690.7	—	1,977.2
October 1998	4,710.6	4,825.8	1,106.8	15,968.1	13,327.3	30,402.2	1,265.0	1,274.6	340.7	1,792.5	—	2,133.2
PAD District IV												
October 1999	1,688.4	1,719.3	696.1	W	W	6,723.1	607.3	609.4	W	W	—	674.8
September 1999	1,758.0	1,784.4	711.4	W	W	6,776.3	610.3	612.3	W	W	—	686.3
October 1998	1,723.7	1,835.4	693.9	W	W	6,281.1	639.2	649.9	W	W	—	841.0
Colorado												
October 1999	1,265.4	1,270.9	W	2,225.9	W	2,469.5	458.8	459.3	W	W	—	295.5
September 1999	1,324.8	1,328.2	W	2,199.5	W	2,412.2	461.3	461.6	W	W	—	294.8
October 1998	1,220.8	1,225.8	NA	W	W	2,073.0	448.4	448.9	W	W	—	341.5

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												
October 1999	W	W	W	W	—	154.7	53.8	56.1	W	W	—	2,192.0
September 1999	W	W	W	W	—	162.8	53.3	55.4	W	W	—	2,233.8
October 1998	W	W	NA	121.0	—	144.0	55.3	57.2	NA	1,868.4	—	2,031.6
North Dakota												
October 1999	W	W	W	W	—	47.5	W	3.9	W	W	—	1,088.2
September 1999	W	W	W	W	—	51.1	W	3.9	W	W	—	1,115.8
October 1998	W	W	NA	50.9	—	60.5	W	4.5	NA	940.1	—	1,030.6
Ohio												
October 1999	431.8	455.1	W	825.2	W	1,179.0	4,781.4	4,983.4	2,305.0	7,125.6	50.2	9,480.7
September 1999	399.6	425.9	356.7	830.2	—	1,186.9	4,558.5	4,788.4	W	6,916.2	W	9,314.3
October 1998	550.0	577.1	422.6	950.5	—	1,373.1	5,072.0	5,299.9	W	6,763.4	W	9,440.6
Oklahoma												
October 1999	96.1	100.4	W	539.7	W	605.8	743.3	772.1	W	3,920.3	W	7,167.3
September 1999	94.1	98.6	W	548.6	W	702.5	739.4	768.7	W	3,980.1	W	7,125.8
October 1998	133.7	138.8	NA	535.8	185.0	734.8	913.6	945.5	NA	3,299.0	2,717.0	6,086.4
South Dakota												
October 1999	0.5	W	W	W	—	64.0	W	10.3	17.7	1,078.1	—	1,095.7
September 1999	0.5	W	W	W	—	72.6	W	9.2	20.5	1,158.2	—	1,178.7
October 1998	0.7	W	NA	70.9	—	76.8	W	14.9	NA	1,149.2	—	1,194.8
Tennessee												
October 1999	309.5	313.3	70.2	1,510.6	—	1,580.7	1,605.8	1,652.5	283.5	8,249.6	—	8,533.1
September 1999	307.4	311.5	66.6	1,603.9	—	1,670.5	1,610.1	1,655.4	272.1	8,343.1	—	8,615.2
October 1998	349.7	353.7	NA	1,786.6	—	1,865.1	1,597.1	1,635.2	283.2	8,215.9	—	8,499.1
Wisconsin												
October 1999	42.0	42.5	W	W	—	582.6	547.9	557.3	W	W	—	6,247.3
September 1999	W	40.9	W	W	—	601.9	523.0	533.2	W	W	—	6,194.3
October 1998	74.5	75.0	W	W	—	653.0	757.6	766.3	W	5,556.4	W	6,031.0
PAD District III												
October 1999	1,402.0	1,420.6	486.8	5,786.2	3,972.3	10,245.3	9,463.5	9,600.8	2,263.5	38,351.6	17,987.5	58,602.6
September 1999	1,424.9	1,449.1	498.8	6,055.5	3,285.0	9,839.3	9,553.9	9,723.7	2,284.2	39,250.8	15,018.2	56,553.2
October 1998	1,630.7	1,652.7	646.8	6,806.5	1,572.0	9,025.2	9,741.2	9,968.1	2,684.2	39,326.2	16,324.5	58,334.9
Alabama												
October 1999	46.0	52.8	38.8	913.5	—	952.4	355.9	396.9	176.9	4,889.2	—	5,066.1
September 1999	48.0	58.7	42.0	971.4	—	1,013.4	361.6	427.0	184.9	5,019.0	—	5,203.9
October 1998	66.4	75.8	38.2	1,183.5	—	1,221.6	382.3	430.5	152.8	5,505.3	—	5,658.1
Arkansas												
October 1999	20.1	20.2	W	W	W	543.7	172.8	176.6	W	3,273.9	W	3,689.7
September 1999	20.1	20.1	—	W	W	653.7	173.2	176.6	—	W	W	3,930.6
October 1998	31.0	31.0	W	W	W	753.3	222.2	224.8	W	3,457.2	W	3,820.0
Louisiana												
October 1999	178.0	181.1	109.7	753.9	1,387.8	2,251.5	1,140.3	1,157.2	388.3	4,443.5	2,944.1	7,776.0
September 1999	180.6	184.6	113.0	798.6	798.9	1,710.4	1,135.8	1,156.2	389.1	4,527.3	1,690.8	6,607.2
October 1998	203.4	206.7	153.8	898.9	203.2	1,255.9	1,155.2	1,176.1	462.8	4,389.8	1,072.9	5,925.6
Mississippi												
October 1999	21.3	27.8	W	561.7	W	723.6	162.0	210.6	7.8	W	W	4,199.6
September 1999	19.2	25.0	W	W	W	731.4	163.9	210.4	W	3,339.5	W	4,129.5
October 1998	22.6	26.4	W	W	W	690.5	152.0	174.6	8.7	W	W	3,690.8
New Mexico												
October 1999	48.1	48.8	W	W	—	244.6	566.4	568.0	W	W	—	1,807.8
September 1999	51.0	51.2	W	W	—	248.2	585.6	587.2	W	W	—	1,820.6
October 1998	61.4	61.4	W	W	—	296.0	608.1	610.1	W	W	—	1,897.1
Texas												
October 1999	1,088.5	1,089.9	322.3	2,850.6	2,356.5	5,529.5	7,066.1	7,091.5	1,582.4	20,849.7	13,631.4	36,063.5
September 1999	1,106.0	1,109.4	332.2	2,941.8	2,208.1	5,482.1	7,133.6	7,166.3	1,608.9	21,176.5	12,075.9	34,861.4
October 1998	1,245.9	1,251.5	428.5	3,193.5	1,185.8	4,807.8	7,221.5	7,351.9	1,876.1	20,954.0	14,513.2	37,343.3
PAD District IV												
October 1999	329.8	341.0	W	1,174.3	W	1,351.7	2,625.5	2,669.6	W	7,658.2	W	8,749.6
September 1999	330.8	341.1	W	1,187.4	W	1,358.0	2,699.1	2,737.9	W	7,730.7	W	8,820.6
October 1998	405.8	433.3	W	1,318.1	W	1,513.7	2,768.7	2,918.6	W	7,531.0	W	8,635.8
Colorado												
October 1999	254.4	254.9	W	445.1	W	513.7	1,978.5	1,985.1	295.2	W	W	3,278.7
September 1999	254.4	254.5	W	W	W	503.2	2,040.5	2,044.2	W	2,856.1	W	3,210.2
October 1998	286.8	287.3	W	W	W	494.9	1,956.0	1,962.0	NA	W	W	2,909.4

See footnotes at end of table.

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

Geographic Area Month	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												
October 1999	57.0	59.2	W	W	—	1,036.6	7.3	7.3	W	W	—	89.5
September 1999	53.3	56.4	W	W	—	986.6	7.1	7.1	W	W	—	95.3
October 1998	97.5	113.2	W	W	—	1,098.9	11.5	12.3	W	W	—	137.0
Montana												
October 1999	W	14.1	—	1,156.1	—	1,156.1	W	W	—	W	—	W
September 1999	W	13.4	—	1,278.3	—	1,278.3	W	W	—	W	—	W
October 1998	W	14.5	—	1,045.2	—	1,045.2	W	W	—	42.9	—	42.9
Utah												
October 1999	314.8	334.1	W	W	—	1,526.7	133.2	134.8	W	W	—	252.8
September 1999	323.6	341.5	420.2	1,107.7	—	1,527.8	133.1	134.8	72.1	180.1	—	252.2
October 1998	354.6	442.8	412.0	1,094.9	—	1,506.9	170.3	179.7	85.0	229.6	—	314.6
Wyoming												
October 1999	W	41.0	W	W	—	534.2	W	W	—	W	—	W
September 1999	W	45.0	W	W	—	571.4	W	W	—	W	—	W
October 1998	W	39.2	W	W	—	557.0	W	W	—	4.9	—	4.9
PAD District V												
October 1999	9,722.0	9,896.8	20,420.1	W	W	36,222.6	2,017.2	2,033.5	3,733.4	W	W	4,778.5
September 1999	9,922.9	10,134.7	20,349.9	W	W	37,760.2	1,997.1	2,020.3	3,705.2	W	W	4,821.6
October 1998	9,818.4	10,054.4	18,828.7	W	W	34,980.3	2,177.0	2,200.3	W	W	NA	5,722.6
Alaska												
October 1999	205.5	209.4	76.7	W	W	397.0	NA	NA	W	W	—	9.5
September 1999	227.0	234.9	94.2	W	W	563.5	NA	NA	W	W	—	10.6
October 1998	251.1	254.5	81.5	W	W	366.9	24.6	24.7	W	W	—	9.6
Arizona												
October 1999	2,106.6	2,113.3	W	1,054.6	W	2,483.9	359.4	359.4	W	W	—	236.1
September 1999	2,091.7	2,101.3	W	1,101.1	W	2,588.7	353.9	353.9	W	W	—	266.1
October 1998	2,096.6	2,113.8	1,168.2	W	W	2,514.9	346.2	346.8	175.7	81.8	—	257.5
California												
October 1999	5,618.1	5,726.6	14,588.4	5,560.5	3,486.6	23,635.5	1,330.8	1,342.4	2,956.7	W	W	3,505.0
September 1999	5,787.1	5,899.8	14,700.6	5,695.4	3,990.2	24,386.3	1,315.7	1,328.8	2,937.9	W	W	3,528.8
October 1998	5,559.2	5,683.6	13,618.2	4,826.1	4,243.6	22,688.0	1,439.2	1,453.3	3,500.5	658.1	NA	4,176.1
Hawaii												
October 1999	NA	NA	228.9	W	W	292.3	16.7	21.4	W	W	—	80.2
September 1999	NA	180.5	241.8	W	W	327.6	15.7	25.8	W	W	—	82.7
October 1998	148.9	223.8	348.8	70.6	—	419.4	27.0	35.6	94.9	3.7	—	98.6
Nevada												
October 1999	157.5	161.3	W	568.9	W	1,367.1	29.1	29.1	W	W	—	158.6
September 1999	153.1	157.1	732.6	603.5	203.7	1,539.8	29.8	29.8	128.4	60.9	—	189.3
October 1998	147.5	153.7	765.8	W	W	1,614.7	33.9	33.9	184.4	60.4	—	244.7
Oregon												
October 1999	454.2	455.6	W	1,744.3	W	2,761.4	62.1	62.1	80.0	98.5	—	178.6
September 1999	455.3	456.9	W	2,028.5	W	3,066.5	60.3	60.3	W	W	—	189.4
October 1998	469.0	474.8	W	1,608.9	W	2,667.5	67.4	67.4	107.5	122.1	—	229.5
Washington												
October 1999	1,082.6	1,086.3	W	2,623.9	W	5,285.3	203.7	203.7	W	W	—	610.6
September 1999	1,099.7	1,104.3	W	2,875.6	W	5,287.9	205.3	205.3	307.5	247.2	—	554.8
October 1998	1,146.1	1,150.1	W	2,530.3	W	4,708.9	238.6	238.6	403.2	303.3	—	706.5

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
Idaho												
October 1999	3.7	4.1	W	W	—	135.4	68.0	70.6	W	W	—	1,261.5
September 1999	3.5	4.0	W	W	—	122.0	63.9	67.5	W	W	—	1,203.9
October 1998	9.0	9.2	23.8	160.2	—	184.1	117.9	134.7	196.6	1,223.4	—	1,420.0
Montana												
October 1999	W	W	—	W	—	W	W	18.0	—	1,411.2	—	1,411.2
September 1999	W	W	—	W	—	W	W	17.3	—	1,574.2	—	1,574.2
October 1998	W	W	—	258.0	—	258.0	W	19.5	—	1,346.1	—	1,346.1
Utah												
October 1999	66.6	74.2	94.0	277.8	—	371.8	514.6	543.1	561.1	1,590.2	—	2,151.3
September 1999	67.1	74.4	87.8	269.2	—	356.9	523.9	550.7	580.1	1,556.9	—	2,137.0
October 1998	101.9	126.5	113.0	331.8	—	444.7	626.8	749.0	610.0	1,656.3	—	2,266.3
Wyoming												
October 1999	W	W	W	W	—	W	W	52.8	NA	632.9	—	646.9
September 1999	W	W	W	W	—	W	W	58.1	W	W	—	695.4
October 1998	W	W	W	W	—	132.0	W	53.4	W	W	—	693.9
PAD District V												
October 1999	1,650.4	1,671.6	W	1,789.2	W	7,609.1	13,389.6	13,602.0	W	14,724.0	W	48,610.3
September 1999	1,608.5	1,634.0	W	1,878.7	W	7,539.4	13,528.6	13,789.1	W	15,754.5	W	50,121.3
October 1998	1,947.3	1,980.2	W	1,983.7	W	8,680.0	13,942.6	14,234.9	W	14,378.2	W	49,382.9
Alaska												
October 1999	26.3	26.5	14.2	34.2	—	48.5	247.1	251.3	W	345.8	W	455.0
September 1999	27.3	27.7	15.6	30.9	—	46.4	270.8	279.1	W	463.3	W	620.5
October 1998	39.8	40.0	16.8	31.7	—	48.5	315.5	319.3	W	296.8	W	425.0
Arizona												
October 1999	347.8	348.1	273.3	W	W	451.6	2,813.8	2,820.8	1,742.3	W	W	3,171.6
September 1999	335.4	336.2	277.0	W	W	454.9	2,780.9	2,791.4	1,822.7	W	W	3,309.6
October 1998	384.7	385.4	286.9	W	W	475.1	2,827.5	2,846.0	1,630.8	1,408.0	208.7	3,247.5
California												
October 1999	1,006.6	1,012.9	4,010.0	W	W	5,326.9	7,955.5	8,081.9	21,555.1	6,938.3	3,974.0	32,467.4
September 1999	972.1	977.9	3,877.3	W	W	5,231.4	8,074.9	8,206.4	21,515.8	7,103.6	4,527.0	33,146.4
October 1998	1,172.5	1,183.9	4,451.5	930.4	855.0	6,236.9	8,170.9	8,320.8	21,570.2	6,414.7	5,116.1	33,101.0
Hawaii												
October 1999	NA	NA	W	14.8	W	141.3	NA	NA	424.8	W	W	513.8
September 1999	NA	66.8	121.6	W	W	157.0	NA	273.1	W	70.3	W	567.2
October 1998	64.0	84.3	171.2	22.7	—	194.0	239.9	343.7	615.0	97.1	—	712.0
Nevada												
October 1999	24.2	24.5	137.7	W	W	247.6	210.8	214.9	996.7	W	W	1,773.4
September 1999	23.9	24.3	131.2	136.2	NA	289.1	206.8	211.2	992.2	800.6	225.4	2,018.2
October 1998	30.5	30.5	209.5	W	W	354.8	211.9	218.2	1,159.7	904.1	150.4	2,214.3
Oregon												
October 1999	52.9	53.2	W	206.5	W	465.1	569.2	570.9	W	2,049.3	W	3,405.1
September 1999	52.4	52.8	W	235.2	W	449.1	568.1	570.0	1,166.6	W	W	3,705.0
October 1998	67.9	68.3	W	256.6	W	460.0	604.3	610.5	W	1,987.6	W	3,357.0
Washington												
October 1999	147.5	147.5	W	425.3	W	928.1	1,433.7	1,437.5	3,362.2	W	W	6,824.0
September 1999	148.3	148.3	W	445.7	W	911.6	1,453.3	1,457.9	W	3,568.6	W	6,754.2
October 1998	187.8	187.8	W	436.3	W	910.7	1,572.5	1,576.5	2,834.1	3,269.9	NA	6,326.0

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.

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												
October 1999	34,542.5	35,801.1	19,530.9	152,773.3	27,523.1	199,827.3	2,405.1	2,416.0	4,735.6	5,319.7	-	10,055.3
September 1999	34,353.6	35,723.3	20,677.4	157,706.6	25,235.4	203,619.4	1,932.3	1,937.5	2,949.5	4,282.9	-	7,232.4
October 1998	38,894.1	40,485.0	22,838.8	150,430.9	25,191.6	198,461.3	2,112.9	2,138.7	3,346.7	5,941.2	-	9,287.8
PAD District I												
October 1999	12,372.7	12,902.2	8,238.5	46,858.3	6,240.9	61,337.6	-	-	-	-	-	-
September 1999	11,786.5	12,335.2	8,252.4	47,538.3	4,858.5	60,649.2	-	-	-	-	-	-
October 1998	12,225.9	12,765.2	8,809.8	46,695.0	2,653.2	58,158.0	-	-	-	-	-	-
Subdistrict IA												
October 1999	-	W	W	1,416.8	W	1,609.5	-	-	-	-	-	-
September 1999	-	1.5	W	W	-	1,535.6	-	-	-	-	-	-
October 1998	-	-	W	874.0	W	968.6	-	-	-	-	-	-
Connecticut												
October 1999	-	-	-	-	-	-	-	-	-	-	-	-
September 1999	-	-	-	-	-	-	-	-	-	-	-	-
October 1998	-	-	-	-	-	-	-	-	-	-	-	-
Maine												
October 1999	-	-	W	1,104.6	W	1,229.2	-	-	-	-	-	-
September 1999	-	-	W	W	-	1,149.7	-	-	-	-	-	-
October 1998	-	-	-	W	-	613.4	-	-	-	-	-	-
Massachusetts												
October 1999	-	-	-	-	-	-	-	-	-	-	-	-
September 1999	-	-	-	-	-	-	-	-	-	-	-	-
October 1998	-	-	-	-	W	W	-	-	-	-	-	-
New Hampshire												
October 1999	-	-	W	W	-	77.7	-	-	-	-	-	-
September 1999	-	-	W	W	-	78.3	-	-	-	-	-	-
October 1998	-	-	W	W	-	W	-	-	-	-	-	-
Rhode Island												
October 1999	-	-	-	-	-	-	-	-	-	-	-	-
September 1999	-	-	-	-	-	-	-	-	-	-	-	-
October 1998	-	-	-	-	-	-	-	-	-	-	-	-
Vermont												
October 1999	-	W	W	W	-	NA	-	-	-	-	-	-
September 1999	-	W	W	W	-	NA	-	-	-	-	-	-
October 1998	-	-	W	W	-	255.5	-	-	-	-	-	-
Subdistrict IB												
October 1999	3,030.0	W	W	9,286.4	W	17,450.9	-	-	-	-	-	-
September 1999	2,985.8	3,030.8	W	9,843.0	W	16,790.1	-	-	-	-	-	-
October 1998	2,806.6	2,854.3	W	10,247.6	W	15,280.6	-	-	-	-	-	-
Delaware												
October 1999	-	-	-	-	-	-	-	-	-	-	-	-
September 1999	-	-	-	-	-	-	-	-	-	-	-	-
October 1998	-	-	-	-	-	-	-	-	-	-	-	-
District of Columbia												
October 1999	-	-	-	-	-	-	-	-	-	-	-	-
September 1999	-	-	-	-	-	-	-	-	-	-	-	-
October 1998	-	-	-	-	-	-	-	-	-	-	-	-
Maryland												
October 1999	-	W	W	W	-	530.8	-	-	-	-	-	-
September 1999	-	W	W	W	-	546.9	-	-	-	-	-	-
October 1998	-	W	W	W	-	568.6	-	-	-	-	-	-
New Jersey												
October 1999	-	-	-	-	2,883.9	2,883.9	-	-	-	-	-	-
September 1999	-	-	-	-	2,441.8	2,441.8	-	-	-	-	-	-
October 1998	-	-	-	-	1,115.9	1,115.9	-	-	-	-	-	-
New York												
October 1999	1,336.8	1,363.0	NA	W	W	5,133.6	-	-	-	-	-	-
September 1999	1,323.7	W	NA	W	W	5,125.4	-	-	-	-	-	-
October 1998	1,363.5	W	W	3,910.5	W	5,351.5	-	-	-	-	-	-
Pennsylvania												
October 1999	1,693.2	1,707.0	W	W	NA	8,902.6	-	-	-	-	-	-
September 1999	1,662.0	1,679.6	W	W	NA	8,676.0	-	-	-	-	-	-
October 1998	1,443.2	1,466.4	1,397.3	W	W	8,244.7	-	-	-	-	-	-

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
United States												
October 1999	21,946.1	22,339.4	48,617.8	36,451.7	13,719.7	98,789.3	58,893.7	60,556.5	72,884.3	194,544.8	41,242.8	308,671.9
September 1999	21,511.2	21,917.0	48,369.4	36,250.6	10,768.7	95,388.7	57,797.1	59,577.8	71,996.4	198,240.1	36,004.1	306,240.5
October 1998	22,124.0	22,498.1	48,219.1	32,941.8	9,809.0	90,969.9	63,131.0	65,121.8	74,404.6	189,313.8	35,000.6	298,719.1
PAD District I												
October 1999	4,453.1	4,653.0	20,303.6	15,364.7	6,862.8	42,531.1	16,825.8	17,555.2	28,542.1	62,222.9	13,103.7	103,868.7
September 1999	4,141.5	4,334.7	19,787.5	15,296.5	4,962.6	40,046.6	15,928.0	16,669.9	28,039.9	62,834.9	9,821.0	100,695.8
October 1998	4,458.2	4,621.8	20,898.4	15,489.8	4,267.7	40,655.8	16,684.1	17,387.0	29,708.2	62,184.8	6,920.8	98,813.8
Subdistrict IA												
October 1999	NA	W	W	4,538.2	W	10,753.6	NA	NA	4,281.0	5,954.9	2,127.2	12,363.1
September 1999	NA	NA	W	W	506.3	9,234.6	NA	NA	4,233.7	6,030.2	506.3	10,770.2
October 1998	773.6	782.8	W	5,104.4	W	10,394.0	773.6	782.8	4,531.7	5,978.4	852.5	11,362.5
Connecticut												
October 1999	W	W	NA	1,685.5	617.5	3,538.2	W	W	NA	1,685.5	617.5	3,538.2
September 1999	W	W	NA	1,687.9	506.3	3,431.7	W	W	NA	1,687.9	506.3	3,431.7
October 1998	W	W	1,362.3	W	W	3,329.6	W	W	1,362.3	W	W	3,329.6
Maine												
October 1999	—	—	—	—	—	—	—	—	W	1,104.6	W	1,229.2
September 1999	—	—	—	—	—	—	—	—	W	W	—	1,149.7
October 1998	—	—	W	W	W	899.5	—	—	W	1,151.2	W	1,512.9
Massachusetts												
October 1999	512.5	NA	2,267.4	W	W	5,457.4	512.5	NA	2,267.4	W	W	5,457.4
September 1999	NA	NA	2,222.6	2,121.2	—	4,343.8	NA	NA	2,222.6	2,121.2	—	4,343.8
October 1998	444.6	448.1	2,352.9	W	W	W	444.6	448.1	2,352.9	W	W	4,705.6
New Hampshire												
October 1999	NA	NA	W	W	W	520.8	NA	NA	245.8	W	W	598.5
September 1999	NA	NA	W	W	—	340.5	NA	NA	W	W	—	418.8
October 1998	102.5	102.5	W	W	—	W	102.5	102.5	258.7	153.6	—	412.4
Rhode Island												
October 1999	W	78.4	414.6	W	W	1,237.2	W	78.4	414.6	W	W	1,237.2
September 1999	W	W	413.6	705.0	—	1,118.6	W	76.8	413.6	705.0	—	1,118.6
October 1998	W	W	431.8	714.8	—	1,146.6	W	W	431.8	714.8	—	1,146.6
Vermont												
October 1999	—	—	—	—	—	—	—	W	W	W	—	NA
September 1999	—	—	—	—	—	—	—	W	W	W	—	NA
October 1998	—	—	—	—	—	—	—	—	W	W	—	255.5
Subdistrict IB												
October 1999	2,708.3	W	W	8,086.4	W	26,988.1	5,738.3	5,912.8	16,592.2	17,372.8	10,474.0	44,439.0
September 1999	2,520.5	2,650.9	W	7,985.1	W	26,152.5	5,506.2	5,681.7	16,193.0	17,828.1	8,921.4	42,942.5
October 1998	2,771.2	2,875.6	W	7,901.0	W	25,658.6	5,577.8	5,729.9	17,011.2	18,148.7	5,779.4	40,939.2
Delaware												
October 1999	33.5	49.2	315.5	457.7	—	773.2	33.5	49.2	315.5	457.7	—	773.2
September 1999	34.2	47.3	301.5	482.1	—	783.6	34.2	47.3	301.5	482.1	—	783.6
October 1998	35.2	47.1	331.4	510.7	—	842.1	35.2	47.1	331.4	510.7	—	842.1
District of Columbia												
October 1999	—	9.5	317.1	—	—	317.1	—	9.5	317.1	—	—	317.1
September 1999	—	8.6	303.1	—	—	303.1	—	8.6	303.1	—	—	303.1
October 1998	—	10.0	NA	—	—	NA	—	10.0	NA	—	—	NA
Maryland												
October 1999	—	W	W	1,781.4	W	4,702.8	—	53.4	2,918.2	W	W	5,233.6
September 1999	—	W	W	1,707.2	W	4,580.7	—	54.7	2,846.3	W	W	5,127.6
October 1998	—	W	W	W	—	4,690.8	—	40.3	3,062.9	2,196.5	—	5,259.4
New Jersey												
October 1999	1,313.0	1,346.4	4,615.1	3,381.4	3,669.7	11,666.2	1,313.0	1,346.4	4,615.1	3,381.4	6,553.6	14,550.1
September 1999	1,158.2	1,191.4	4,454.5	3,401.3	3,476.5	11,332.3	1,158.2	1,191.4	4,454.5	3,401.3	5,918.3	13,774.1
October 1998	1,362.6	1,388.3	4,713.4	3,361.1	2,723.4	10,797.9	1,362.6	1,388.3	4,713.4	3,361.1	3,839.3	11,913.8
New York												
October 1999	654.0	676.3	4,298.5	W	W	6,941.9	1,990.8	2,039.2	5,599.4	5,190.2	1,285.9	12,075.5
September 1999	648.3	W	4,203.5	W	W	6,563.4	1,972.0	2,019.9	5,517.0	5,151.5	1,020.4	11,688.8
October 1998	701.4	W	W	1,491.9	W	6,302.1	2,064.9	2,102.3	5,418.5	5,402.4	832.6	11,653.6
Pennsylvania												
October 1999	707.9	708.2	W	W	W	2,586.9	2,401.0	2,415.2	2,826.9	W	W	11,489.5
September 1999	679.8	680.1	W	W	W	2,589.4	2,341.9	2,359.7	2,770.8	W	W	11,265.4
October 1998	672.0	675.5	1,752.7	W	W	2,690.7	2,115.2	2,141.9	3,150.0	6,678.0	1,107.4	10,935.4

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												
October 1999	9,342.7	W	W	36,155.1	W	42,277.2	-	-	-	-	-	-
September 1999	8,800.7	9,302.9	5,680.3	W	W	42,323.5	-	-	-	-	-	-
October 1998	9,419.3	9,910.9	6,046.4	35,573.4	NA	41,908.8	-	-	-	-	-	-
Florida												
October 1999	4,786.3	4,992.2	W	9,429.7	W	13,809.4	-	-	-	-	-	-
September 1999	4,646.1	4,835.2	W	9,388.8	W	13,814.5	-	-	-	-	-	-
October 1998	4,856.6	5,040.4	W	9,269.5	W	14,054.5	-	-	-	-	-	-
Georgia												
October 1999	2,058.4	2,166.5	1,026.1	W	W	W	-	-	-	-	-	-
September 1999	1,880.1	1,998.5	W	8,159.0	W	W	-	-	-	-	-	-
October 1998	2,081.5	2,190.7	1,036.2	7,913.0	-	8,949.2	-	-	-	-	-	-
North Carolina												
October 1999	827.4	923.6	W	9,871.6	W	9,937.5	-	-	-	-	-	-
September 1999	777.3	886.5	W	9,988.6	W	10,088.4	-	-	-	-	-	-
October 1998	826.4	943.3	W	W	-	9,777.0	-	-	-	-	-	-
South Carolina												
October 1999	876.0	936.1	172.4	4,407.3	-	4,579.7	-	-	-	-	-	-
September 1999	724.2	788.3	206.5	4,467.0	-	4,673.5	-	-	-	-	-	-
October 1998	853.1	911.4	W	W	-	4,577.9	-	-	-	-	-	-
Virginia												
October 1999	181.4	W	W	W	NA	W	-	-	-	-	-	-
September 1999	168.3	177.6	50.1	W	W	W	-	-	-	-	-	-
October 1998	187.6	198.0	W	W	W	4,085.2	-	-	-	-	-	-
West Virginia												
October 1999	613.2	W	W	W	-	527.9	-	-	-	-	-	-
September 1999	604.7	616.7	W	W	-	515.3	-	-	-	-	-	-
October 1998	614.1	627.3	W	W	-	464.9	-	-	-	-	-	-
PAD District II												
October 1999	12,502.0	12,984.8	6,718.2	W	W	73,684.3	1,215.6	1,223.7	W	W	-	3,564.8
September 1999	12,218.8	12,714.9	W	62,549.7	W	75,059.1	1,194.5	1,199.1	W	W	-	3,718.8
October 1998	15,036.2	15,591.4	W	58,018.9	W	71,252.4	1,108.8	1,124.2	W	W	-	3,801.2
Illinois												
October 1999	209.0	222.6	W	4,494.3	W	5,500.2	-	-	-	-	-	-
September 1999	205.1	215.4	W	4,718.6	W	6,199.9	-	-	-	-	-	-
October 1998	540.1	551.0	W	4,747.0	W	6,229.6	-	-	-	-	-	-
Indiana												
October 1999	1,163.0	1,177.5	W	W	303.4	5,676.6	-	-	-	-	-	-
September 1999	1,136.0	1,149.2	W	W	189.6	5,571.9	-	-	-	-	-	-
October 1998	1,420.1	1,433.8	W	W	369.3	5,386.0	-	-	-	-	-	-
Iowa												
October 1999	122.9	125.0	W	W	-	3,771.7	-	-	-	-	-	-
September 1999	120.9	122.1	W	W	-	4,010.3	-	-	-	-	-	-
October 1998	143.8	146.3	W	W	-	3,628.9	-	-	-	-	-	-
Kansas												
October 1999	496.1	508.4	W	2,887.5	W	3,730.5	-	-	-	-	-	-
September 1999	508.1	516.7	W	2,995.1	W	3,917.4	-	-	-	-	-	-
October 1998	563.4	586.0	W	2,653.0	W	3,411.9	-	-	-	-	-	-
Kentucky												
October 1999	W	W	W	W	-	3,509.0	-	-	-	-	-	-
September 1999	W	W	W	W	-	3,528.4	-	-	-	-	-	-
October 1998	479.2	W	W	W	W	3,612.0	-	-	-	-	-	-
Michigan												
October 1999	2,214.7	2,334.7	W	8,679.5	W	11,417.1	-	-	-	-	-	-
September 1999	2,162.0	2,270.1	2,697.2	8,820.0	-	11,517.2	-	-	-	-	-	-
October 1998	3,105.1	3,252.0	2,662.2	6,844.4	-	9,506.6	-	-	-	-	-	-
Minnesota												
October 1999	W	W	W	1,326.7	W	W	W	W	W	3,045.2	-	W
September 1999	W	W	W	1,425.6	W	W	W	W	W	3,217.9	-	W
October 1998	W	W	NA	1,157.1	W	W	W	W	W	3,143.7	-	W
Missouri												
October 1999	422.2	425.7	W	W	-	4,352.7	-	-	-	-	-	-
September 1999	459.6	463.3	W	W	-	4,459.7	-	-	-	-	-	-
October 1998	876.6	895.6	NA	4,714.2	-	5,315.5	-	-	-	-	-	-

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												
October 1999	NA	W	W	2,740.1	W	4,789.5	10,239.0	10,783.6	7,668.9	38,895.2	502.5	47,066.6
September 1999	860.9	915.6	1,932.8	W	W	4,659.6	9,661.6	10,218.5	7,613.1	38,976.6	393.4	46,983.1
October 1998	913.4	963.3	2,118.9	2,484.4	—	4,603.3	10,332.6	10,874.3	8,165.4	38,057.7	NA	46,512.1
Florida												
October 1999	—	—	—	—	—	—	4,786.3	4,992.2	W	9,429.7	W	13,809.4
September 1999	—	—	—	—	—	—	4,646.1	4,835.2	W	9,388.8	W	13,814.5
October 1998	—	—	—	—	—	—	4,856.6	5,040.4	W	9,269.5	W	14,054.5
Georgia												
October 1999	—	—	—	—	W	W	2,058.4	2,166.5	1,026.1	W	W	9,395.9
September 1999	—	—	—	—	W	W	1,880.1	1,998.5	W	8,159.0	W	9,363.6
October 1998	—	—	—	—	—	—	2,081.5	2,190.7	1,036.2	7,913.0	—	8,949.2
North Carolina												
October 1999	—	—	—	—	—	—	827.4	923.6	W	9,871.6	W	9,937.5
September 1999	—	—	—	—	—	—	777.3	886.5	W	9,988.6	W	10,088.4
October 1998	—	—	—	—	—	—	826.4	943.3	W	W	—	9,777.0
South Carolina												
October 1999	—	—	—	—	—	—	876.0	936.1	172.4	4,407.3	—	4,579.7
September 1999	—	—	—	—	—	—	724.2	788.3	206.5	4,467.0	—	4,673.5
October 1998	—	—	—	—	—	—	853.1	911.4	W	W	—	4,577.9
Virginia												
October 1999	NA	W	W	W	—	W	NA	NA	2,037.0	6,669.8	NA	8,816.2
September 1999	860.9	915.6	1,932.8	W	—	W	1,029.2	1,093.3	1,983.0	W	W	8,527.8
October 1998	913.4	963.3	W	W	—	4,603.3	1,101.0	1,161.3	W	6,316.5	W	8,688.5
West Virginia												
October 1999	—	—	—	—	—	—	613.2	623.3	W	W	—	527.9
September 1999	—	—	—	—	—	—	604.7	616.7	W	W	—	515.3
October 1998	—	—	—	—	—	—	614.1	627.3	W	W	—	464.9
PAD District II												
October 1999	2,871.7	2,920.4	W	7,018.4	W	11,591.6	16,589.4	17,129.0	11,650.6	71,588.0	5,602.0	88,840.7
September 1999	2,674.2	2,743.1	W	W	W	11,271.8	16,087.5	16,657.2	11,562.8	72,669.1	5,817.8	90,049.7
October 1998	3,849.3	3,897.7	3,733.4	W	W	8,497.9	19,994.3	20,613.3	11,884.8	65,893.7	5,773.0	83,551.6
Illinois												
October 1999	1,747.0	1,756.6	W	3,105.6	W	6,103.1	1,956.0	1,979.2	2,959.6	7,599.9	1,043.8	11,603.3
September 1999	1,638.6	1,649.5	W	3,041.5	W	5,891.6	1,843.7	1,864.9	2,911.7	7,760.1	1,419.7	12,091.5
October 1998	2,731.9	2,739.3	W	1,971.6	W	4,835.1	3,272.0	3,290.3	2,871.6	6,718.6	1,474.5	11,064.7
Indiana												
October 1999	248.3	249.7	W	W	—	1,271.2	1,411.4	1,427.2	914.7	5,729.7	303.4	6,947.8
September 1999	231.3	232.7	W	W	—	1,214.2	1,367.3	1,382.0	921.2	5,675.2	189.6	6,786.1
October 1998	298.5	306.0	W	W	—	1,188.5	1,718.5	1,739.8	1,006.1	5,199.1	369.3	6,574.4
Iowa												
October 1999	—	—	—	—	—	—	122.9	125.0	W	W	—	3,771.7
September 1999	—	—	—	—	—	—	120.9	122.1	W	W	—	4,010.3
October 1998	—	—	—	—	—	—	143.8	146.3	W	W	—	3,628.9
Kansas												
October 1999	—	—	—	—	—	—	496.1	508.4	W	2,887.5	W	3,730.5
September 1999	—	—	—	—	—	—	508.1	516.7	W	2,995.1	W	3,917.4
October 1998	—	—	—	—	—	—	563.4	586.0	W	2,653.0	W	3,411.9
Kentucky												
October 1999	W	W	W	W	—	1,147.4	789.1	840.0	201.0	4,455.3	—	4,656.3
September 1999	W	W	W	W	—	1,209.1	743.6	825.3	214.3	4,523.3	—	4,737.6
October 1998	313.2	W	W	W	—	908.9	792.4	855.1	199.4	W	W	4,520.9
Michigan												
October 1999	—	—	—	—	—	—	2,214.7	2,334.7	W	8,679.5	W	11,417.1
September 1999	—	—	—	—	—	—	2,162.0	2,270.1	2,697.2	8,820.0	—	11,517.2
October 1998	—	—	—	—	—	—	3,105.1	3,252.0	2,662.2	6,844.4	—	9,506.6
Minnesota												
October 1999	—	—	—	—	—	—	1,216.5	1,224.6	W	4,371.8	W	5,159.8
September 1999	—	—	—	—	—	—	1,195.7	1,200.3	W	4,643.5	W	5,381.3
October 1998	—	—	—	—	—	—	1,109.4	1,124.8	W	4,300.8	W	5,214.5
Missouri												
October 1999	216.3	228.7	W	W	—	1,397.2	638.5	654.4	W	W	—	5,749.8
September 1999	190.9	198.3	W	W	—	1,370.7	650.5	661.5	W	W	—	5,830.5
October 1998	—	—	—	—	—	—	876.6	895.6	NA	4,714.2	—	5,315.5

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												
October 1999	53.8	56.1	W	W	—	2,192.0	—	—	—	—	—	—
September 1999	53.3	55.4	W	W	—	2,233.8	—	—	—	—	—	—
October 1998	55.3	57.2	NA	1,868.4	—	2,031.6	—	—	—	—	—	—
North Dakota												
October 1999	W	3.9	W	W	—	1,088.2	—	—	—	—	—	—
September 1999	W	3.9	W	W	—	1,115.8	—	—	—	—	—	—
October 1998	W	4.5	NA	940.1	—	1,030.6	—	—	—	—	—	—
Ohio												
October 1999	4,781.4	4,983.4	2,305.0	7,125.6	50.2	9,480.7	—	—	—	—	—	—
September 1999	4,558.5	4,788.4	W	6,916.2	W	9,314.3	—	—	—	—	—	—
October 1998	5,072.0	5,299.9	W	6,763.4	W	9,440.6	—	—	—	—	—	—
Oklahoma												
October 1999	743.3	772.1	W	3,920.3	W	7,167.3	—	—	—	—	—	—
September 1999	739.4	768.7	W	3,980.1	W	7,125.8	—	—	—	—	—	—
October 1998	913.6	945.5	NA	3,299.0	2,717.0	6,086.4	—	—	—	—	—	—
South Dakota												
October 1999	W	10.3	17.7	1,078.1	—	1,095.7	—	—	—	—	—	—
September 1999	W	9.2	20.5	1,158.2	—	1,178.7	—	—	—	—	—	—
October 1998	W	14.9	NA	1,149.2	—	1,194.8	—	—	—	—	—	—
Tennessee												
October 1999	1,605.8	1,652.5	283.5	8,249.6	—	8,533.1	—	—	—	—	—	—
September 1999	1,610.1	1,655.4	272.1	8,343.1	—	8,615.2	—	—	—	—	—	—
October 1998	1,597.1	1,635.2	283.2	8,215.9	—	8,499.1	—	—	—	—	—	—
Wisconsin												
October 1999	W	W	W	4,450.6	—	W	—	—	—	W	—	W
September 1999	W	W	W	4,489.4	—	W	—	—	—	W	—	W
October 1998	251.8	W	NA	4,305.2	W	W	—	—	—	W	—	W
PAD District III												
October 1999	W	W	W	W	14,916.6	46,495.3	W	W	W	W	—	678.7
September 1999	5,255.3	5,419.5	W	32,238.3	W	46,379.9	W	W	W	W	—	275.2
October 1998	5,387.0	W	W	W	15,307.3	48,514.6	134.4	W	W	W	—	686.3
Alabama												
October 1999	355.9	396.9	176.9	4,889.2	—	5,066.1	—	—	—	—	—	—
September 1999	361.6	427.0	184.9	5,019.0	—	5,203.9	—	—	—	—	—	—
October 1998	382.3	430.5	152.8	5,505.3	—	5,658.1	—	—	—	—	—	—
Arkansas												
October 1999	172.8	176.6	W	3,273.9	W	3,689.7	—	—	—	—	—	—
September 1999	173.2	176.6	—	W	W	3,930.6	—	—	—	—	—	—
October 1998	222.2	224.8	W	3,457.2	W	3,820.0	—	—	—	—	—	—
Louisiana												
October 1999	1,140.3	1,157.2	388.3	W	W	6,933.1	—	—	—	—	—	—
September 1999	1,135.8	1,156.2	389.1	4,527.3	W	W	—	—	—	—	—	—
October 1998	1,155.2	W	462.8	4,389.8	W	W	—	—	—	—	—	—
Mississippi												
October 1999	162.0	210.6	7.8	W	W	4,199.6	—	—	—	—	—	—
September 1999	163.9	210.4	W	3,339.5	W	4,129.5	—	—	—	—	—	—
October 1998	152.0	174.6	8.7	W	W	3,690.8	—	—	—	—	—	—
New Mexico												
October 1999	W	W	W	W	—	1,619.4	W	W	W	W	—	188.5
September 1999	W	W	W	W	—	W	W	W	W	—	—	W
October 1998	W	W	W	W	—	W	W	W	W	W	—	W
Texas												
October 1999	W	W	W	W	W	24,987.5	W	W	—	490.3	—	490.3
September 1999	W	W	W	W	10,680.2	24,967.5	—	—	—	W	—	W
October 1998	W	3,029.8	W	W	W	27,812.8	W	W	—	W	—	W
PAD District IV												
October 1999	W	W	952.2	W	W	7,947.8	W	W	W	W	—	801.8
September 1999	2,699.1	2,737.9	W	7,247.7	W	8,337.5	—	—	—	483.1	—	483.1
October 1998	2,768.7	W	1,054.5	W	W	7,783.8	—	W	W	W	—	852.0
Colorado												
October 1999	1,978.5	W	W	W	W	2,516.2	—	W	W	W	—	762.5
September 1999	2,040.5	2,044.2	W	W	W	2,727.2	—	—	—	W	—	483.0
October 1998	1,956.0	W	W	1,839.3	W	2,126.1	—	W	W	W	—	783.3

See footnotes at end of table.

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

(Thousand Gallons per Day) — Continued

Geographic Area Month	Reformulated						All Formulations					
	Sales to End Users		Sales for Resale				Sales to End Users		Sales for Resale			
	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total	Through Retail Outlets	Total ^a	DTW	Rack	Bulk	Total
Nebraska												
October 1999	-	-	-	-	-	-	53.8	56.1	W	W	-	2,192.0
September 1999	-	-	-	-	-	-	53.3	55.4	W	W	-	2,233.8
October 1998	-	-	-	-	-	-	55.3	57.2	NA	1,868.4	-	2,031.6
North Dakota												
October 1999	-	-	-	-	-	-	W	3.9	W	W	-	1,088.2
September 1999	-	-	-	-	-	-	W	3.9	W	W	-	1,115.8
October 1998	-	-	-	-	-	-	W	4.5	NA	940.1	-	1,030.6
Ohio												
October 1999	-	-	-	-	-	-	4,781.4	4,983.4	2,305.0	7,125.6	50.2	9,480.7
September 1999	-	-	-	-	-	-	4,558.5	4,788.4	W	6,916.2	W	9,314.3
October 1998	-	-	-	-	-	-	5,072.0	5,299.9	W	6,763.4	W	9,440.6
Oklahoma												
October 1999	-	-	-	-	-	-	743.3	772.1	W	3,920.3	W	7,167.3
September 1999	-	-	-	-	-	-	739.4	768.7	W	3,980.1	W	7,125.8
October 1998	-	-	-	-	-	-	913.6	945.5	NA	3,299.0	2,717.0	6,086.4
South Dakota												
October 1999	-	-	-	-	-	-	W	10.3	17.7	1,078.1	-	1,095.7
September 1999	-	-	-	-	-	-	W	9.2	20.5	1,158.2	-	1,178.7
October 1998	-	-	-	-	-	-	W	14.9	NA	1,149.2	-	1,194.8
Tennessee												
October 1999	-	-	-	-	-	-	1,605.8	1,652.5	283.5	8,249.6	-	8,533.1
September 1999	-	-	-	-	-	-	1,610.1	1,655.4	272.1	8,343.1	-	8,615.2
October 1998	-	-	-	-	-	-	1,597.1	1,635.2	283.2	8,215.9	-	8,499.1
Wisconsin												
October 1999	W	W	W	W	-	1,672.8	547.9	557.3	W	W	-	6,247.3
September 1999	W	W	W	W	-	1,586.2	523.0	533.2	W	W	-	6,194.3
October 1998	505.8	W	W	W	-	1,565.5	757.6	766.3	W	5,556.4	W	6,031.0
PAD District III												
October 1999	4,267.8	4,282.6	1,462.6	6,895.1	3,070.9	11,428.6	9,463.5	9,600.8	2,263.5	38,351.6	17,987.5	58,602.6
September 1999	W	W	W	W	W	9,898.1	9,553.9	9,723.7	2,284.2	39,250.8	15,018.2	56,553.2
October 1998	4,219.8	4,232.1	1,709.1	6,407.7	1,017.2	9,134.0	9,741.2	9,968.1	2,684.2	39,326.2	16,324.5	58,334.9
Alabama												
October 1999	-	-	-	-	-	-	355.9	396.9	176.9	4,889.2	-	5,066.1
September 1999	-	-	-	-	-	-	361.6	427.0	184.9	5,019.0	-	5,203.9
October 1998	-	-	-	-	-	-	382.3	430.5	152.8	5,505.3	-	5,658.1
Arkansas												
October 1999	-	-	-	-	-	-	172.8	176.6	W	3,273.9	W	3,689.7
September 1999	-	-	-	-	-	-	173.2	176.6	-	W	W	3,930.6
October 1998	-	-	-	-	-	-	222.2	224.8	W	3,457.2	W	3,820.0
Louisiana												
October 1999	-	-	-	-	W	842.9	1,140.3	1,157.2	388.3	4,443.5	2,944.1	7,776.0
September 1999	-	-	-	-	W	W	1,135.8	1,156.2	389.1	4,527.3	1,690.8	6,607.2
October 1998	-	W	-	-	W	W	1,155.2	1,176.1	462.8	4,389.8	1,072.9	5,925.6
Mississippi												
October 1999	-	-	-	-	-	-	162.0	210.6	7.8	W	W	4,199.6
September 1999	-	-	-	-	-	-	163.9	210.4	W	3,339.5	W	4,129.5
October 1998	-	-	-	-	-	-	152.0	174.6	8.7	W	W	3,690.8
New Mexico												
October 1999	-	-	-	-	-	-	566.4	568.0	W	W	-	1,807.8
September 1999	-	-	-	-	-	-	585.6	587.2	W	W	-	1,820.6
October 1998	-	-	-	-	-	-	608.1	610.1	W	W	-	1,897.1
Texas												
October 1999	4,267.8	4,282.6	W	W	W	10,585.7	7,066.1	7,091.5	1,582.4	20,849.7	13,631.4	36,063.5
September 1999	W	W	W	W	1,395.7	W	7,133.6	7,166.3	1,608.9	21,176.5	12,075.9	34,861.4
October 1998	4,219.8	W	W	6,407.7	W	W	7,221.5	7,351.9	1,876.1	20,954.0	14,513.2	37,343.3
PAD District IV												
October 1999	-	-	-	-	-	-	2,625.5	2,669.6	W	7,658.2	W	8,749.6
September 1999	-	-	-	-	-	-	2,699.1	2,737.9	W	7,730.7	W	8,820.6
October 1998	-	-	-	-	-	-	2,768.7	2,918.6	W	7,531.0	W	8,635.8
Colorado												
October 1999	-	-	-	-	-	-	1,978.5	1,985.1	295.2	W	W	3,278.7
September 1999	-	-	-	-	-	-	2,040.5	2,044.2	W	2,856.1	W	3,210.2
October 1998	-	-	-	-	-	-	1,956.0	1,962.0	NA	W	W	2,909.4

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												
October 1999	68.0	70.6	W	W	-	1,261.5	-	-	-	-	-	-
September 1999	63.9	67.5	W	W	-	1,203.9	-	-	-	-	-	-
October 1998	117.9	134.7	196.6	1,223.4	-	1,420.0	-	-	-	-	-	-
Montana												
October 1999	W	18.0	-	W	-	W	-	-	-	W	-	W
September 1999	W	17.3	-	W	-	1,574.1	-	-	-	W	-	NA
October 1998	W	19.5	-	1,317.6	-	1,317.6	-	-	-	28.5	-	28.5
Utah												
October 1999	W	W	W	1,566.5	-	W	W	W	W	23.7	-	W
September 1999	523.9	550.7	580.1	1,556.9	-	2,137.0	-	-	-	-	-	-
October 1998	626.8	749.0	W	W	-	2,226.2	-	-	-	W	-	40.1
Wyoming												
October 1999	W	52.8	NA	632.9	-	646.9	-	-	-	-	-	-
September 1999	W	58.1	W	W	-	695.4	-	-	-	-	-	-
October 1998	W	53.4	W	W	-	693.9	-	-	-	-	-	-
PAD District V												
October 1999	1,962.5	2,042.4	W	6,682.8	W	10,362.4	1,073.6	1,076.2	4,142.3	867.6	-	5,009.9
September 1999	2,393.9	2,515.8	W	8,132.7	W	13,193.8	W	W	W	W	-	2,755.3
October 1998	3,476.3	3,609.4	4,505.1	W	W	12,752.5	869.7	879.0	W	W	-	3,948.3
Alaska												
October 1999	W	W	53.3	W	W	391.0	W	W	W	W	-	64.0
September 1999	W	W	113.2	W	W	W	W	W	W	W	-	W
October 1998	W	W	NA	W	W	384.7	W	W	W	W	-	40.4
Arizona												
October 1999	196.5	199.0	W	776.4	W	1,212.9	219.3	220.3	W	W	-	721.1
September 1999	350.1	354.1	W	902.3	W	1,515.6	W	W	87.7	35.2	-	122.9
October 1998	922.0	934.4	685.8	919.0	208.7	1,813.5	479.8	485.8	W	W	-	1,071.6
California												
October 1999	-	-	-	W	W	467.1	-	-	-	-	-	-
September 1999	-	-	-	W	W	645.3	-	-	-	-	-	-
October 1998	-	-	-	W	W	781.3	-	-	-	-	-	-
Hawaii												
October 1999	NA	NA	424.8	W	W	513.8	-	-	-	-	-	-
September 1999	NA	273.1	W	70.3	W	567.2	-	-	-	-	-	-
October 1998	239.9	343.7	615.0	97.1	-	712.0	-	-	-	-	-	-
Nevada												
October 1999	102.3	104.9	W	458.5	W	708.1	108.6	110.0	W	W	-	1,065.3
September 1999	W	203.4	W	W	225.4	1,568.9	W	7.8	W	W	-	449.4
October 1998	116.2	119.5	NA	657.5	150.4	1,050.9	95.7	98.7	916.8	246.6	-	1,163.4
Oregon												
October 1999	366.4	368.0	W	1,914.9	W	2,398.3	202.8	202.9	872.4	134.4	-	1,006.8
September 1999	W	W	W	W	W	W	W	W	W	-	-	W
October 1998	461.4	467.4	W	1,838.0	W	2,571.6	142.9	143.2	635.8	149.5	-	785.4
Washington												
October 1999	W	W	W	2,981.3	W	4,671.3	W	W	W	W	-	NA
September 1999	W	W	1,570.7	W	W	5,136.5	W	W	W	W	-	1,617.7
October 1998	W	W	W	W	NA	5,438.4	W	W	W	W	-	887.6

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	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												
October 1999	-	-	-	-	-	-	68.0	70.6	W	W	-	1,261.5
September 1999	-	-	-	-	-	-	63.9	67.5	W	W	-	1,203.9
October 1998	-	-	-	-	-	-	117.9	134.7	196.6	1,223.4	-	1,420.0
Montana												
October 1999	-	-	-	-	-	-	W	18.0	-	1,411.2	-	1,411.2
September 1999	-	-	-	-	-	-	W	17.3	-	1,574.2	-	1,574.2
October 1998	-	-	-	-	-	-	W	19.5	-	1,346.1	-	1,346.1
Utah												
October 1999	-	-	-	-	-	-	514.6	543.1	561.1	1,590.2	-	2,151.3
September 1999	-	-	-	-	-	-	523.9	550.7	580.1	1,556.9	-	2,137.0
October 1998	-	-	-	-	-	-	626.8	749.0	610.0	1,656.3	-	2,266.3
Wyoming												
October 1999	-	-	-	-	-	-	W	52.8	NA	632.9	-	646.9
September 1999	-	-	-	-	-	-	W	58.1	W	W	-	695.4
October 1998	-	-	-	-	-	-	W	53.4	W	W	-	693.9
PAD District V												
October 1999	10,353.5	10,483.4	W	7,173.6	W	33,238.0	13,389.6	13,602.0	W	14,724.0	W	48,610.3
September 1999	W	W	22,751.9	W	W	34,172.2	13,528.6	13,789.1	W	15,754.5	W	50,121.3
October 1998	9,596.6	9,746.5	21,878.3	W	W	32,682.2	13,942.6	14,234.9	W	14,378.2	W	49,382.9
Alaska												
October 1999	-	-	-	-	-	-	247.1	251.3	W	345.8	W	455.0
September 1999	-	-	-	-	-	-	270.8	279.1	W	463.3	W	620.5
October 1998	-	-	-	-	-	-	315.5	319.3	W	296.8	W	425.0
Arizona												
October 1999	2,397.9	2,401.4	W	W	-	NA	2,813.8	2,820.8	1,742.3	W	W	3,171.6
September 1999	W	W	W	W	-	1,671.1	2,780.9	2,791.4	1,822.7	W	W	3,309.6
October 1998	1,425.7	1,425.7	W	W	-	NA	2,827.5	2,846.0	1,630.8	1,408.0	208.7	3,247.5
California												
October 1999	7,955.5	8,081.9	W	W	W	32,000.4	7,955.5	8,081.9	21,555.1	6,938.3	3,974.0	32,467.4
September 1999	8,074.9	8,206.4	W	W	W	32,501.1	8,074.9	8,206.4	21,515.8	7,103.6	4,527.0	33,146.4
October 1998	8,170.9	8,320.8	W	W	W	32,319.7	8,170.9	8,320.8	21,570.2	6,414.7	5,116.1	33,101.0
Hawaii												
October 1999	-	-	-	-	-	-	NA	NA	424.8	W	W	513.8
September 1999	-	-	-	-	-	-	NA	273.1	W	70.3	W	567.2
October 1998	-	-	-	-	-	-	239.9	343.7	615.0	97.1	-	712.0
Nevada												
October 1999	-	-	-	-	-	-	210.8	214.9	996.7	W	W	1,773.4
September 1999	-	-	-	-	-	-	206.8	211.2	992.2	800.6	225.4	2,018.2
October 1998	-	-	-	-	-	-	211.9	218.2	1,159.7	904.1	150.4	2,214.3
Oregon												
October 1999	-	-	-	-	-	-	569.2	570.9	W	2,049.3	W	3,405.1
September 1999	-	-	-	-	-	-	568.1	570.0	1,166.6	W	W	3,705.0
October 1998	-	-	-	-	-	-	604.3	610.5	W	1,987.6	W	3,357.0
Washington												
October 1999	-	-	-	-	-	-	1,433.7	1,437.5	3,362.2	W	W	6,824.0
September 1999	-	-	-	-	-	-	1,453.3	1,457.9	W	3,568.6	W	6,754.2
October 1998	-	-	-	-	-	-	1,572.5	1,576.5	2,834.1	3,269.9	NA	6,326.0

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.

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										
October 1999	129.2	677.9	48,108.4	15,963.9	139.5	2,359.8	218.8	1,814.4	2,848.9	34,831.7
September 1999	145.4	879.9	48,998.7	16,625.9	160.5	1,302.8	186.8	1,080.9	3,920.0	32,680.7
October 1998	157.2	670.9	50,568.0	13,242.9	309.1	2,219.0	404.8	1,382.5	2,684.7	37,696.4
PAD District I										
October 1999	46.9	144.7	10,936.7	4,029.8	121.9	946.3	W	107.7	82.4	4,135.1
September 1999	50.1	150.1	10,396.0	4,316.1	150.3	455.8	W	81.1	72.5	4,261.2
October 1998	59.5	144.9	12,196.4	2,997.8	107.1	1,034.8	W	82.0	66.7	4,565.9
Subdistrict IA										
October 1999	W	17.5	1,359.4	NA	W	67.5	NA	W	W	60.9
September 1999	W	W	NA	NA	2.2	43.6	W	W	14.1	55.3
October 1998	W	18.1	1,057.9	174.6	0.2	35.3	-	2.5	W	65.5
Connecticut										
October 1999	W	3.7	W	39.6	W	W	NA	-	W	17.8
September 1999	W	W	146.1	NA	-	W	NA	-	W	W
October 1998	W	2.4	NA	NA	-	W	-	W	W	W
Maine										
October 1999	W	W	W	W	-	17.7	-	-	-	W
September 1999	W	W	W	W	-	6.3	-	-	-	W
October 1998	W	W	W	W	-	17.3	-	W	-	W
Massachusetts										
October 1999	W	W	NA	NA	W	W	-	-	-	W
September 1999	W	W	NA	NA	W	W	W	-	-	W
October 1998	W	W	771.0	137.7	W	W	-	W	-	W
New Hampshire										
October 1999	W	W	W	5.0	W	W	-	-	W	27.8
September 1999	W	W	W	5.3	W	W	-	-	W	27.9
October 1998	W	W	24.0	W	W	W	-	-	NA	14.5
Rhode Island										
October 1999	-	W	W	W	-	W	-	W	-	W
September 1999	-	W	W	W	-	W	-	W	-	W
October 1998	W	NA	W	W	-	W	-	W	-	-
Vermont										
October 1999	-	W	W	4.3	W	W	-	NA	W	W
September 1999	-	W	W	W	2.1	W	-	NA	13.1	-
October 1998	-	W	W	W	NA	-	-	W	NA	W
Subdistrict IB										
October 1999	W	33.5	4,935.5	2,351.4	100.4	549.1	W	NA	W	1,567.9
September 1999	W	W	4,678.4	2,232.3	130.6	233.1	W	W	3.5	1,673.1
October 1998	W	36.2	5,616.9	1,923.4	99.7	693.1	3.9	11.5	W	1,705.1
Delaware										
October 1999	W	1.0	0.8	5.2	W	W	-	-	-	W
September 1999	W	W	W	4.6	-	-	-	-	-	W
October 1998	W	W	W	NA	-	W	-	-	-	W
District of Columbia										
October 1999	-	-	-	W	W	W	-	-	-	W
September 1999	-	-	-	-	W	W	-	-	-	W
October 1998	-	-	-	NA	-	-	-	-	-	-
Maryland										
October 1999	W	1.5	276.3	78.0	W	41.6	W	W	W	95.8
September 1999	W	2.4	W	49.1	W	23.8	W	W	W	W
October 1998	W	W	W	39.4	W	W	W	-	W	W
New Jersey										
October 1999	W	7.5	2,731.8	1,528.1	W	279.6	W	NA	W	388.4
September 1999	W	8.2	2,398.5	1,473.6	W	W	NA	NA	-	450.0
October 1998	W	16.4	2,750.6	1,201.8	W	368.8	NA	W	W	368.4
New York										
October 1999	W	9.3	585.0	W	53.7	117.3	NA	W	W	246.6
September 1999	W	8.4	598.9	NA	50.1	82.4	NA	W	W	209.3
October 1998	W	9.2	1,087.3	283.5	77.8	83.4	W	W	W	224.4
Pennsylvania										
October 1999	W	14.1	1,341.6	364.9	7.2	110.4	W	22.2	W	811.8
September 1999	W	15.7	1,366.1	317.0	3.5	61.8	-	23.6	W	841.5
October 1998	5.0	8.9	1,436.5	308.8	4.3	199.2	W	9.1	W	755.3

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										
October 1999	28.3	93.7	4,641.7	NA	W	329.6	—	W	55.1	2,506.3
September 1999	31.6	95.7	4,748.4	1,593.7	17.4	179.1	—	38.7	55.0	2,532.8
October 1998	36.5	90.5	5,521.5	899.9	7.2	306.5	W	67.9	58.3	2,795.3
Florida										
October 1999	19.3	37.4	2,144.0	NA	W	15.9	—	W	W	467.1
September 1999	20.1	36.9	2,295.5	NA	W	10.5	—	W	W	542.0
October 1998	22.6	41.9	2,405.2	200.6	W	41.1	—	—	W	567.3
Georgia										
October 1999	2.4	16.6	997.5	352.1	W	11.6	—	—	W	491.5
September 1999	3.6	17.7	1,013.6	722.4	W	5.8	—	—	W	494.9
October 1998	3.6	20.6	1,403.4	380.6	0.7	28.0	—	W	W	522.2
North Carolina										
October 1999	W	W	505.0	NA	2.4	123.9	—	W	24.3	855.4
September 1999	W	NA	542.7	NA	W	72.0	—	20.6	26.5	861.3
October 1998	W	20.1	644.5	137.8	1.7	39.5	—	W	27.6	847.0
South Carolina										
October 1999	W	6.0	W	61.1	W	42.2	—	—	W	371.8
September 1999	2.2	5.7	W	55.0	W	22.3	—	—	W	384.8
October 1998	W	4.3	W	W	0.5	95.5	—	W	W	W
Virginia										
October 1999	W	11.3	846.0	W	W	133.4	—	W	W	W
September 1999	W	10.8	791.3	W	W	67.3	—	W	W	W
October 1998	W	W	947.8	131.2	W	101.0	—	22.5	W	494.3
West Virginia										
October 1999	W	W	W	W	0.9	2.6	—	W	—	W
September 1999	W	1.7	W	W	W	1.2	—	—	—	W
October 1998	W	W	W	W	W	1.4	W	—	—	W
PAD District II										
October 1999	NA	210.3	9,799.8	1,699.5	13.9	291.6	114.2	1,064.2	773.8	9,988.3
September 1999	NA	289.5	10,201.9	1,921.3	6.9	208.5	135.1	600.8	777.9	9,879.8
October 1998	32.4	196.8	9,055.4	1,205.9	64.3	277.5	207.0	882.5	888.4	13,571.4
Illinois										
October 1999	W	W	NA	120.5	W	22.6	W	133.0	W	1,003.3
September 1999	W	W	NA	196.3	W	14.3	W	93.5	W	1,119.0
October 1998	W	12.3	2,111.2	90.2	W	41.8	W	47.6	W	1,225.0
Indiana										
October 1999	W	11.9	888.1	164.1	W	24.7	W	46.5	W	393.9
September 1999	W	11.6	975.9	220.6	W	16.5	W	27.1	W	484.4
October 1998	W	10.6	906.2	145.5	W	19.2	NA	31.0	W	567.8
Iowa										
October 1999	W	22.9	53.9	27.8	W	5.4	W	63.8	W	738.0
September 1999	W	17.2	70.9	21.0	—	W	W	31.3	W	609.7
October 1998	W	22.7	NA	25.3	—	W	NA	61.2	W	1,281.7
Kansas										
October 1999	W	NA	NA	NA	—	4.5	W	138.6	W	2,855.3
September 1999	NA	48.7	161.1	85.5	—	5.2	W	59.9	W	3,171.4
October 1998	W	W	197.5	20.5	—	W	W	125.0	W	4,059.3
Kentucky										
October 1999	W	2.9	797.6	15.5	W	37.4	W	W	W	410.4
September 1999	W	W	W	18.9	W	24.7	—	W	25.9	479.2
October 1998	W	W	675.2	29.6	0.2	W	—	W	W	369.1
Michigan										
October 1999	NA	11.1	704.7	134.1	W	50.1	W	46.8	W	658.5
September 1999	W	46.9	702.1	148.6	W	34.4	W	26.9	W	717.4
October 1998	0.7	W	NA	120.0	NA	21.0	NA	39.4	W	1,433.8
Minnesota										
October 1999	W	W	1,092.1	56.2	W	W	W	114.9	114.6	1,218.0
September 1999	W	39.4	1,305.9	58.3	W	8.4	W	72.3	115.8	662.8
October 1998	W	35.8	1,034.8	110.3	W	W	W	101.9	172.6	1,164.1
Missouri										
October 1999	W	11.0	339.9	83.3	—	8.7	W	30.8	W	600.2
September 1999	W	14.6	344.6	83.4	W	4.1	W	15.4	W	660.6
October 1998	W	12.8	418.6	65.6	—	2.9	NA	12.7	W	635.2

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										
October 1999	W	W	128.0	21.4	—	W	W	60.0	W	196.9
September 1999	W	W	141.7	22.3	—	W	W	38.8	W	265.2
October 1998	W	W	91.8	17.4	—	—	NA	54.9	W	265.5
North Dakota										
October 1999	W	2.0	14.0	13.4	—	—	W	58.9	W	211.6
September 1999	W	1.8	20.0	13.1	—	W	W	37.4	W	175.8
October 1998	W	W	NA	NA	—	W	NA	62.4	W	202.6
Ohio										
October 1999	NA	NA	NA	397.0	W	53.8	W	W	W	404.1
September 1999	NA	NA	W	397.2	1.0	39.0	W	W	W	330.9
October 1998	10.3	34.4	1,112.0	207.7	7.1	68.3	W	52.1	W	1,124.7
Oklahoma										
October 1999	NA	6.5	305.8	378.9	—	1.9	—	114.0	W	431.3
September 1999	NA	8.8	395.1	356.4	—	0.9	—	W	W	494.0
October 1998	6.6	6.0	459.6	239.2	—	W	—	39.2	W	469.7
South Dakota										
October 1999	W	W	19.2	16.3	—	W	W	56.2	W	133.2
September 1999	W	W	16.1	14.4	—	W	W	38.6	W	113.7
October 1998	W	6.0	20.1	12.8	—	—	W	64.2	W	156.5
Tennessee										
October 1999	W	NA	1,118.2	74.4	2.3	68.6	—	W	W	288.5
September 1999	W	NA	1,109.4	89.6	W	50.4	—	W	W	253.4
October 1998	W	19.4	1,105.1	79.0	4.2	71.7	—	W	W	216.7
Wisconsin										
October 1999	—	W	229.5	116.5	W	7.5	3.3	117.0	W	445.1
September 1999	—	W	232.2	196.0	W	5.2	W	86.4	W	342.4
October 1998	—	W	NA	34.7	W	5.6	W	141.7	91.7	399.8
PAD District III										
October 1999	19.1	124.8	11,054.6	6,599.8	W	1,101.9	W	18.5	1,914.7	17,780.0
September 1999	21.8	149.7	11,172.3	7,284.6	W	626.1	W	23.6	3,031.6	15,638.5
October 1998	23.9	99.3	11,500.4	6,146.5	W	878.7	W	28.6	1,682.8	16,094.9
Alabama										
October 1999	W	9.2	197.9	67.5	W	47.1	—	W	31.8	222.9
September 1999	3.0	11.0	154.2	W	W	6.5	—	W	31.8	288.1
October 1998	W	9.4	161.9	52.5	W	12.2	—	—	W	315.9
Arkansas										
October 1999	W	W	74.5	557.6	—	W	—	—	W	141.3
September 1999	W	W	77.9	W	—	W	—	—	W	105.7
October 1998	W	7.7	80.3	47.2	—	W	—	—	W	198.3
Louisiana										
October 1999	W	NA	2,206.8	2,020.7	W	492.2	—	—	517.8	NA
September 1999	W	8.1	2,323.7	1,972.4	W	392.4	—	—	1,198.3	1,659.9
October 1998	W	8.1	2,055.3	1,325.6	W	W	—	—	115.5	1,329.9
Mississippi										
October 1999	W	W	735.7	523.7	W	W	—	—	W	520.6
September 1999	W	W	925.6	303.3	W	W	—	—	W	568.0
October 1998	W	W	564.0	384.4	W	W	—	—	W	926.4
New Mexico										
October 1999	W	W	146.9	48.9	—	W	W	9.9	W	394.1
September 1999	W	W	148.7	48.3	—	W	W	W	W	386.1
October 1998	W	W	154.1	25.1	—	W	—	W	W	437.7
Texas										
October 1999	7.5	89.2	7,692.7	3,381.4	—	353.4	W	W	1,272.9	14,910.9
September 1999	9.6	98.1	7,542.2	4,131.4	W	46.1	W	18.0	1,702.4	12,630.6
October 1998	10.6	60.9	8,484.9	4,311.7	W	W	W	W	1,442.5	12,886.7
PAD District IV										
October 1999	NA	25.0	1,345.9	140.2	—	5.0	37.3	213.0	25.9	943.7
September 1999	NA	29.1	1,402.2	182.2	—	2.2	7.5	95.0	24.8	899.7
October 1998	10.2	23.6	1,330.4	176.7	W	2.0	29.9	190.2	31.5	1,035.8
Colorado										
October 1999	W	W	423.0	99.0	—	W	W	62.6	W	371.5
September 1999	W	W	497.6	117.8	—	W	W	23.0	W	285.5
October 1998	W	W	616.2	127.0	—	W	W	50.5	W	280.5

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										
October 1999	W	4.0	W	15.5	—	—	W	34.5	W	W
September 1999	W	W	61.9	20.6	—	—	W	13.9	W	W
October 1998	W	W	54.3	11.6	—	W	NA	26.8	W	W
Montana										
October 1999	W	W	92.8	5.3	—	—	W	49.8	W	186.9
September 1999	W	W	62.9	10.5	—	—	W	34.7	W	188.0
October 1998	W	—	72.5	5.2	—	—	W	59.5	W	223.3
Utah										
October 1999	W	5.8	691.7	18.7	—	W	3.0	25.8	W	W
September 1999	W	5.7	699.7	29.6	—	W	W	6.0	W	W
October 1998	W	6.6	510.3	31.0	—	W	4.5	NA	W	W
Wyoming										
October 1999	W	1.1	W	1.6	—	W	W	40.3	1.0	294.6
September 1999	W	1.9	80.1	3.8	—	—	W	17.4	5.1	343.3
October 1998	W	W	77.0	2.0	W	—	W	38.5	7.1	355.6
PAD District V										
October 1999	26.3	173.2	14,971.3	3,494.5	W	15.0	48.1	411.0	52.0	1,984.6
September 1999	29.8	261.5	15,826.3	2,921.6	W	10.2	22.9	280.5	13.1	2,001.5
October 1998	31.1	206.3	16,485.4	2,715.9	W	25.9	153.4	199.3	15.3	2,428.4
Alaska										
October 1999	11.9	34.0	2,466.0	136.2	W	—	46.2	330.6	1.6	W
September 1999	W	103.6	2,552.9	387.8	W	—	W	239.3	1.7	W
October 1998	W	64.8	2,219.7	189.0	W	—	148.8	163.5	1.5	W
Arizona										
October 1999	W	16.3	598.6	225.1	—	W	W	W	—	47.1
September 1999	W	13.5	673.2	164.6	—	W	W	W	—	73.1
October 1998	W	15.7	694.0	205.9	—	W	—	W	—	58.5
California										
October 1999	12.7	85.5	8,665.1	1,986.2	—	W	—	NA	W	1,462.9
September 1999	12.9	93.0	9,151.5	1,564.2	—	2.3	—	W	W	1,473.0
October 1998	13.2	76.8	10,240.6	1,435.8	—	16.6	—	—	W	1,582.0
Hawaii										
October 1999	—	W	416.6	W	—	—	—	—	—	W
September 1999	—	W	418.1	W	—	—	—	—	—	W
October 1998	—	W	488.2	W	—	—	—	—	—	W
Nevada										
October 1999	—	W	623.1	159.0	—	W	—	W	—	91.3
September 1999	W	11.5	587.7	122.0	—	—	—	—	W	W
October 1998	W	12.1	580.8	83.8	—	W	—	W	—	146.5
Oregon										
October 1999	—	W	527.4	W	—	W	—	23.9	W	W
September 1999	W	W	604.3	W	—	W	—	8.3	W	W
October 1998	—	W	554.8	W	—	W	W	1.3	W	27.7
Washington										
October 1999	W	W	1,674.5	411.0	—	NA	W	54.6	W	296.5
September 1999	W	W	1,838.5	277.7	—	W	—	32.7	W	279.1
October 1998	W	W	1,707.2	130.6	—	W	W	32.2	W	534.5

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										
October 1999	14,776.5	89,132.7	7,414.8	13,118.6	22,191.3	102,251.4	2,940.7	25,262.4	25,132.1	127,513.8
September 1999	14,761.0	91,734.8	6,889.3	13,910.5	21,650.4	105,645.3	2,715.4	20,232.3	24,365.7	125,877.7
October 1998	15,318.4	83,887.7	6,839.2	13,347.4	22,157.6	97,235.1	3,218.3	25,778.9	25,375.9	123,014.0
PAD District I										
October 1999	4,468.7	18,571.5	856.3	1,923.1	5,325.0	20,494.6	1,182.0	15,966.5	6,507.0	36,461.1
September 1999	4,571.7	19,874.7	827.2	2,349.5	5,398.9	22,224.2	973.5	12,659.8	6,372.4	34,884.0
October 1998	4,599.7	17,792.1	1,065.1	2,115.8	5,664.8	19,907.9	1,099.1	14,866.6	6,763.9	34,774.6
Subdistrict IA										
October 1999	NA	W	NA	W	NA	1,175.5	59.0	2,622.9	NA	3,798.5
September 1999	NA	W	NA	W	NA	1,532.1	41.4	NA	NA	2,915.5
October 1998	W	W	W	W	303.4	1,258.4	33.8	2,056.0	337.2	3,314.4
Connecticut										
October 1999	W	W	–	W	W	299.3	W	513.9	NA	813.2
September 1999	NA	W	W	W	W	483.6	W	359.8	NA	843.3
October 1998	W	W	–	W	W	374.9	W	521.4	141.9	896.3
Maine										
October 1999	W	W	W	W	NA	202.7	–	303.1	NA	505.8
September 1999	W	W	W	W	NA	278.7	–	248.6	NA	527.4
October 1998	W	W	–	W	W	171.8	–	305.8	W	477.7
Massachusetts										
October 1999	NA	W	W	W	W	332.6	W	1,224.1	NA	1,556.8
September 1999	W	W	W	W	NA	505.1	7.8	NA	NA	906.6
October 1998	104.8	W	W	W	W	459.4	W	725.1	133.7	1,184.5
New Hampshire										
October 1999	W	NA	–	W	W	W	W	W	16.5	NA
September 1999	W	NA	–	W	W	W	W	W	14.7	NA
October 1998	W	21.5	W	W	7.7	W	NA	W	W	69.2
Rhode Island										
October 1999	NA	263.0	NA	NA	NA	263.1	–	421.7	NA	684.8
September 1999	NA	W	NA	W	NA	183.8	–	NA	NA	NA
October 1998	W	W	–	W	W	217.2	W	453.3	21.2	670.5
Vermont										
October 1999	W	W	W	–	W	W	W	W	53.2	161.9
September 1999	W	W	6.2	NA	W	W	17.1	W	33.9	141.7
October 1998	W	10.1	W	W	W	W	W	W	22.2	16.2
Subdistrict IB										
October 1999	1,330.0	W	NA	W	1,495.9	9,045.6	558.6	11,201.7	2,054.5	20,247.3
September 1999	1,323.3	W	NA	W	1,470.5	9,684.7	398.3	9,427.8	1,868.8	19,112.5
October 1998	W	W	W	W	1,720.5	7,415.6	384.7	10,384.2	2,105.2	17,799.7
Delaware										
October 1999	16.0	W	W	W	W	270.3	W	W	W	W
September 1999	15.3	243.1	W	W	W	W	W	W	W	281.9
October 1998	W	198.7	W	W	21.1	W	W	W	W	W
District of Columbia										
October 1999	W	8.6	–	–	W	8.6	–	–	W	W
September 1999	W	8.4	–	–	W	8.4	–	–	W	8.4
October 1998	NA	W	–	–	NA	W	W	W	W	W
Maryland										
October 1999	W	696.5	W	26.6	140.6	723.2	W	W	225.7	1,104.6
September 1999	W	W	W	14.8	152.7	W	W	W	227.6	947.0
October 1998	208.3	479.8	NA	26.0	210.2	505.8	53.0	350.9	263.2	856.7
New Jersey										
October 1999	394.4	2,858.6	NA	366.4	488.3	3,224.9	63.4	5,669.7	551.7	8,894.6
September 1999	390.5	3,379.5	NA	169.3	470.7	3,548.8	43.5	4,950.6	514.2	8,499.4
October 1998	390.8	2,392.0	107.0	202.0	497.8	2,594.0	72.1	5,206.6	569.9	7,800.6
New York										
October 1999	308.0	W	NA	W	356.2	1,311.5	145.6	NA	501.8	3,908.4
September 1999	291.4	W	NA	W	333.8	1,525.8	109.3	NA	443.1	3,497.0
October 1998	310.6	W	87.0	W	397.7	1,236.3	106.6	2,069.9	504.3	3,306.2
Pennsylvania										
October 1999	471.5	3,491.2	21.0	16.0	492.5	3,507.2	254.4	2,500.4	746.9	6,007.6
September 1999	474.4	W	23.0	W	497.4	3,670.6	156.9	2,208.2	654.2	5,878.8
October 1998	563.7	2,837.5	26.2	18.7	589.9	2,856.2	138.4	2,624.7	728.3	5,480.9

See footnotes at end of table.

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

(Thousand Gallons per Day) — Continued

Geographic Area Month	No. 2 Diesel Fuel						No. 2 Fuel Oil		No. 2 Distillate	
	Low-Sulfur		High-Sulfur		Total		Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale				
Subdistrict IC										
October 1999	2,857.4	8,904.0	671.9	1,369.5	3,529.4	10,273.5	564.4	2,141.9	4,093.7	12,415.3
September 1999	2,955.8	9,510.5	661.3	1,496.9	3,617.1	11,007.4	533.8	1,848.5	4,150.9	12,856.0
October 1998	2,824.1	9,535.4	816.8	1,698.5	3,640.9	11,233.9	680.6	2,426.5	4,321.5	13,660.4
Florida										
October 1999	1,107.5	2,198.4	188.2	560.2	1,295.7	2,758.5	NA	451.9	1,409.8	3,210.5
September 1999	1,261.2	2,653.5	W	625.2	W	3,278.7	W	414.3	1,699.6	3,693.0
October 1998	1,093.7	2,496.1	301.5	549.9	1,395.3	3,045.9	76.7	488.3	1,472.0	3,534.3
Georgia										
October 1999	842.3	1,970.8	192.2	160.8	1,034.5	2,131.6	17.4	293.9	1,051.9	2,425.5
September 1999	773.1	1,987.0	153.5	172.0	926.6	2,159.1	25.7	303.9	952.3	2,462.9
October 1998	745.9	2,034.4	172.0	331.1	917.9	2,365.5	34.7	379.1	952.6	2,744.6
North Carolina										
October 1999	316.8	1,918.6	169.2	382.1	486.0	2,300.7	58.9	368.1	544.9	2,668.8
September 1999	340.8	1,987.4	161.0	354.8	501.8	2,342.2	55.6	323.7	557.4	2,665.9
October 1998	401.7	1,906.6	123.5	433.1	525.2	2,339.7	130.0	500.9	655.2	2,840.6
South Carolina										
October 1999	W	W	W	W	378.8	853.7	55.3	145.4	434.1	999.1
September 1999	330.0	W	63.8	W	393.8	924.3	43.6	114.8	437.3	1,039.1
October 1998	272.3	971.7	W	121.4	W	1,093.1	W	216.9	429.1	1,310.1
Virginia										
October 1999	206.6	1,904.5	W	157.9	W	2,062.4	W	741.9	357.1	2,804.3
September 1999	169.7	1,802.8	NA	193.6	194.0	1,996.3	45.9	532.5	239.8	2,528.9
October 1998	225.8	1,877.2	154.4	181.1	380.2	2,058.3	135.6	671.5	515.7	2,729.8
West Virginia										
October 1999	W	W	W	W	W	166.5	W	140.6	295.9	307.2
September 1999	81.0	W	W	W	W	306.9	W	159.3	264.4	466.2
October 1998	84.6	249.4	W	81.9	W	331.3	W	169.7	296.9	501.1
PAD District II										
October 1999	5,622.1	28,916.7	2,235.1	2,529.1	7,857.2	31,445.8	1,361.3	5,560.0	9,218.5	37,005.8
September 1999	5,341.0	29,960.7	2,188.8	2,692.8	7,529.8	32,653.5	1,352.0	5,438.0	8,881.8	38,091.6
October 1998	5,747.4	27,069.7	2,299.4	3,014.2	8,046.7	30,083.9	1,722.0	5,771.7	9,768.7	35,855.5
Illinois										
October 1999	W	2,624.7	W	156.4	697.3	2,781.1	97.9	1,681.6	795.2	4,462.7
September 1999	W	W	W	W	639.9	3,262.6	91.8	1,589.2	731.7	4,851.8
October 1998	676.9	3,137.3	137.3	218.4	814.3	3,355.7	NA	1,372.9	1,122.3	4,728.6
Indiana										
October 1999	W	2,630.2	W	NA	892.1	2,861.3	175.0	446.8	1,067.0	3,308.0
September 1999	712.3	2,637.9	W	NA	W	2,864.0	W	534.8	954.8	3,398.8
October 1998	1,017.3	2,526.9	W	386.0	W	2,912.9	W	472.9	1,240.8	3,385.8
Iowa										
October 1999	W	2,178.6	W	78.0	159.0	2,256.6	5.9	174.9	164.9	2,431.5
September 1999	145.9	1,851.7	W	81.3	W	1,933.1	W	164.8	170.7	2,097.9
October 1998	W	1,865.1	7.1	99.0	W	1,964.1	W	248.8	W	2,212.9
Kansas										
October 1999	203.5	1,903.5	W	128.0	W	2,031.5	W	112.2	305.1	2,143.7
September 1999	189.2	1,958.9	W	138.4	W	2,097.3	W	82.5	294.9	2,179.7
October 1998	194.0	1,911.9	W	84.9	W	1,996.7	W	138.0	321.8	2,134.7
Kentucky										
October 1999	386.8	1,424.3	W	272.7	W	1,697.0	W	382.9	712.9	2,079.9
September 1999	396.6	1,430.9	W	194.3	W	1,625.2	W	407.9	751.4	2,033.1
October 1998	357.7	1,142.3	W	210.1	W	1,352.4	W	475.6	731.1	1,828.0
Michigan										
October 1999	W	2,456.4	W	137.1	576.2	2,593.5	46.7	456.6	622.9	3,050.1
September 1999	W	2,419.2	W	160.3	583.3	2,579.5	45.6	412.7	628.9	2,992.2
October 1998	550.5	1,739.0	125.9	45.2	676.4	1,784.2	49.6	492.7	725.9	2,276.9
Minnesota										
October 1999	W	1,960.8	W	274.1	160.2	2,234.9	141.5	346.0	301.7	2,580.9
September 1999	W	1,875.5	W	301.4	184.1	2,176.9	153.1	328.5	337.2	2,505.4
October 1998	158.9	1,719.8	3.0	238.8	161.9	1,958.7	NA	396.1	391.9	2,354.8
Missouri										
October 1999	261.0	1,613.4	W	67.9	W	1,681.3	W	94.9	307.4	1,776.2
September 1999	226.4	1,954.4	W	101.2	W	2,055.6	W	92.2	278.4	2,147.8
October 1998	W	1,898.7	29.9	107.8	W	2,006.5	W	106.1	258.3	2,112.6

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										
October 1999	48.9	1,152.9	W	102.1	W	1,254.9	W	69.4	124.8	1,324.3
September 1999	47.8	1,179.6	W	114.2	W	1,293.8	W	91.9	142.7	1,385.7
October 1998	29.2	1,139.4	NA	270.4	NA	1,409.8	NA	76.4	129.7	1,486.2
North Dakota										
October 1999	27.6	638.8	W	W	W	W	W	W	162.5	842.0
September 1999	27.0	669.3	W	W	W	W	W	W	143.6	850.9
October 1998	21.3	611.6	—	NA	21.3	678.3	W	73.3	W	751.6
Ohio										
October 1999	1,483.9	2,078.3	W	268.8	W	2,347.1	W	814.5	2,080.7	3,161.5
September 1999	1,457.3	2,108.2	W	254.9	W	2,363.2	W	755.7	2,052.6	3,118.9
October 1998	1,334.6	2,177.1	W	379.9	W	2,557.0	W	947.8	2,071.4	3,504.8
Oklahoma										
October 1999	126.5	3,177.6	W	W	W	W	W	W	1,254.8	3,367.8
September 1999	W	W	981.7	172.5	W	W	W	W	1,217.0	3,772.3
October 1998	W	2,650.2	924.0	266.3	W	2,916.5	W	75.4	1,140.8	2,991.9
South Dakota										
October 1999	W	624.1	—	W	W	W	W	W	8.3	659.3
September 1999	W	613.9	—	W	W	W	W	W	12.4	632.9
October 1998	W	662.6	—	8.9	W	671.5	W	32.4	15.4	703.9
Tennessee										
October 1999	795.4	2,616.0	186.4	315.3	981.8	2,931.4	21.5	339.0	1,003.3	3,270.4
September 1999	606.9	2,682.2	225.6	412.5	832.5	3,094.7	36.7	362.0	869.2	3,456.6
October 1998	626.9	2,234.9	W	443.9	W	2,678.8	W	325.4	878.8	3,004.2
Wisconsin										
October 1999	246.5	1,837.1	W	238.5	W	2,075.5	W	471.9	307.1	2,547.5
September 1999	W	1,928.6	W	267.1	256.4	2,195.7	40.0	471.9	296.4	2,667.6
October 1998	W	1,652.7	W	187.9	310.9	1,840.6	NA	537.9	338.7	2,378.5
PAD District III										
October 1999	1,505.1	21,819.8	W	6,706.9	W	28,526.7	W	3,527.8	3,576.4	32,054.5
September 1999	1,573.0	21,941.7	1,982.9	6,394.2	3,555.9	28,335.9	183.3	1,946.4	3,739.2	30,282.3
October 1998	1,694.6	21,545.8	1,937.0	5,709.4	3,631.6	27,255.1	190.9	4,748.9	3,822.5	32,004.0
Alabama										
October 1999	210.8	1,110.7	79.1	213.2	289.8	1,324.0	25.8	198.0	315.7	1,521.9
September 1999	229.7	1,184.7	81.9	195.1	311.6	1,379.8	21.6	221.7	333.2	1,601.5
October 1998	214.3	1,339.3	184.9	168.6	399.2	1,507.9	43.8	296.6	443.0	1,804.5
Arkansas										
October 1999	W	1,202.5	44.1	509.6	W	1,712.1	W	93.8	197.2	1,805.9
September 1999	W	1,231.1	68.9	629.1	W	1,860.2	W	90.2	225.2	1,950.4
October 1998	191.5	1,347.1	W	635.9	W	1,983.0	W	NA	242.6	2,054.0
Louisiana										
October 1999	161.1	1,887.6	373.7	3,779.9	534.8	5,667.5	30.9	1,072.3	565.7	6,739.8
September 1999	183.2	1,539.3	428.5	3,383.5	611.7	4,922.8	28.1	665.3	639.8	5,588.0
October 1998	W	1,434.6	574.8	2,869.2	W	4,303.8	W	967.5	781.7	5,271.3
Mississippi										
October 1999	122.4	1,408.0	W	563.3	W	1,971.4	W	107.2	210.7	2,078.5
September 1999	103.3	1,114.2	W	630.3	W	1,744.5	W	130.6	200.9	1,875.1
October 1998	W	1,272.0	W	399.9	W	1,671.9	W	164.3	229.9	1,836.2
New Mexico										
October 1999	W	947.2	W	80.7	141.9	1,027.8	—	—	141.9	1,027.8
September 1999	W	893.8	W	65.4	149.6	959.2	—	—	149.6	959.2
October 1998	117.4	911.2	—	99.7	117.4	1,010.8	—	—	117.4	1,010.8
Texas										
October 1999	719.1	15,263.8	1,339.3	1,560.2	2,058.4	16,824.0	86.8	2,056.5	2,145.2	18,880.5
September 1999	753.7	15,978.6	1,353.6	1,490.8	2,107.3	17,469.4	83.3	838.6	2,190.6	18,308.0
October 1998	846.9	15,241.5	1,083.7	1,536.1	1,930.6	16,777.6	NA	3,249.5	2,007.9	20,027.2
PAD District IV										
October 1999	1,017.1	4,523.6	W	W	W	W	W	W	1,645.6	4,966.9
September 1999	1,052.2	4,295.0	W	W	W	W	W	W	1,648.0	4,736.7
October 1998	929.0	4,019.7	555.8	337.0	1,484.9	4,356.7	NA	NA	1,592.1	4,367.2
Colorado										
October 1999	200.2	1,288.5	W	W	W	W	W	W	400.2	1,433.1
September 1999	W	1,329.5	W	W	W	W	W	W	305.1	1,458.3
October 1998	W	1,283.9	W	9.8	332.8	1,293.6	NA	NA	333.4	1,304.1

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				
Idaho										
October 1999	W	723.6	W	166.8	103.9	890.5	-	-	103.9	890.5
September 1999	W	W	W	W	113.5	W	-	W	113.5	808.5
October 1998	W	620.4	W	165.0	139.2	785.4	NA	-	141.5	785.4
Montana										
October 1999	W	W	-	W	W	675.3	W	-	181.7	675.3
September 1999	W	W	-	W	W	679.1	W	-	258.3	679.1
October 1998	168.4	W	-	W	168.4	635.8	NA	-	168.8	635.8
Utah										
October 1999	W	963.1	W	110.1	W	1,073.2	W	-	419.0	1,073.2
September 1999	349.7	845.5	W	114.7	W	960.2	W	-	413.7	960.2
October 1998	W	746.3	W	150.1	337.5	896.4	NA	-	441.5	896.4
Wyoming										
October 1999	314.2	W	W	W	W	894.9	W	-	540.9	894.9
September 1999	295.4	809.7	W	W	W	W	W	W	557.3	830.7
October 1998	W	W	W	W	506.9	745.6	-	-	506.9	745.6
PAD District V										
October 1999	2,163.6	15,301.0	1,921.7	W	4,085.4	W	99.2	W	4,184.6	17,025.5
September 1999	2,223.2	15,662.7	W	W	W	W	W	W	3,724.3	17,883.1
October 1998	2,347.7	13,460.4	981.9	2,171.0	3,329.6	15,631.4	99.1	381.3	3,428.7	16,012.7
Alaska										
October 1999	NA	W	180.9	W	188.1	W	93.0	176.9	281.1	406.8
September 1999	NA	-	180.0	W	187.1	W	92.8	W	279.9	571.3
October 1998	W	W	W	W	257.3	W	W	177.9	353.8	405.9
Arizona										
October 1999	W	1,266.7	W	4.7	452.1	1,271.4	-	-	452.1	1,271.4
September 1999	W	W	W	W	424.5	1,184.3	-	-	424.5	1,184.3
October 1998	W	W	W	W	405.1	1,069.6	-	-	405.1	1,069.6
California										
October 1999	W	10,250.1	W	128.8	1,664.1	10,378.9	-	-	1,664.1	10,378.9
September 1999	W	10,577.7	W	143.8	1,735.3	10,721.5	-	-	1,735.3	10,721.5
October 1998	1,770.5	9,382.9	NA	W	1,773.3	W	-	W	1,773.3	10,078.6
Hawaii										
October 1999	W	NA	W	NA	W	NA	-	-	W	NA
September 1999	W	48.1	W	81.9	W	130.0	-	-	W	130.0
October 1998	42.2	86.1	W	96.9	W	183.1	-	-	W	183.1
Nevada										
October 1999	42.1	829.3	W	40.8	W	870.1	W	-	W	870.1
September 1999	48.3	W	W	W	W	755.3	W	-	W	755.3
October 1998	W	592.7	W	5.0	91.3	597.7	-	-	W	597.7
Oregon										
October 1999	W	W	W	461.4	395.0	W	-	W	395.0	1,574.7
September 1999	41.4	1,204.0	372.2	W	413.6	W	-	W	413.6	1,787.9
October 1998	55.3	806.4	NA	379.4	NA	1,185.7	-	-	187.7	1,185.7
Washington										
October 1999	144.1	1,781.6	W	589.6	W	2,371.2	W	27.3	810.7	2,398.5
September 1999	W	1,967.8	120.7	739.5	W	2,707.3	W	25.5	260.3	2,732.8
October 1998	W	W	116.9	875.4	W	W	W	W	271.5	2,492.0

Dash (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

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

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

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

Table 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								
October 1999	3,438.8	3,338.3	9,523.3	5,198.8	12,962.1	8,537.2	217.1	178.0
September 1999 ..	2,432.4	4,180.1	8,875.8	4,257.2	11,308.2	8,437.3	225.6	137.2
October 1998	4,031.5	5,370.9	10,049.5	11,801.9	14,080.9	17,172.8	246.6	147.6
PAD District I								
October 1999	2,206.1	2,862.6	5,184.0	972.5	7,390.1	3,835.1	W	W
September 1999 ..	NA	3,661.4	4,051.7	417.7	5,646.0	4,079.1	W	30.5
October 1998	2,862.2	4,282.0	4,596.0	5,570.5	7,458.2	9,852.5	W	51.9
Subdistrict IA								
October 1999	W	NA	W	W	NA	W	W	W
September 1999 ..	W	W	W	NA	1,350.3	W	W	W
October 1998	W	W	W	W	W	W	W	W
Subdistrict IB								
October 1999	W	W	W	W	3,633.9	1,892.7	W	W
September 1999 ..	W	1,285.2	W	327.6	2,582.5	1,612.8	W	24.7
October 1998	2,286.0	1,448.3	1,983.5	1,935.2	4,269.5	3,383.5	W	46.2
Subdistrict IC								
October 1999	W	W	W	W	2,357.7	W	6.9	W
September 1999 ..	W	W	W	NA	1,713.2	W	2.3	W
October 1998	W	W	W	W	W	W	W	W
PAD District II								
October 1999	W	NA	101.9	W	W	W	W	W
September 1999 ..	W	NA	W	235.9	154.0	312.0	W	W
October 1998	W	W	W	W	W	268.0	W	W
PAD District III								
October 1999	W	7.0	W	3,690.0	2,422.5	3,697.0	-	W
September 1999 ..	W	W	W	W	2,897.8	2,949.4	-	W
October 1998	-	569.1	4,037.1	4,795.8	4,037.1	5,364.9	-	W
PAD District IV								
October 1999	-	W	W	W	W	W	-	-
September 1999 ..	W	W	W	W	2.4	66.9	-	-
October 1998	-	W	W	W	W	63.8	-	-
PAD District V								
October 1999	W	W	W	W	3,030.3	634.1	W	W
September 1999 ..	772.5	W	1,835.6	W	2,608.1	1,029.9	W	W
October 1998	W	446.4	W	NA	2,534.3	NA	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	Oxygenated	Reformulated	Total	Conventional	Oxygenated	Reformulated	Total
United States								
October 1999	170,986.9	11,378.5	81,463.9	263,829.4	21,055.5	1,587.5	14,088.9	36,731.9
September 1999	173,202.8	8,720.0	81,141.5	263,064.3	21,774.0	1,277.4	14,144.4	37,195.8
October 1998	167,772.5	10,319.6	76,493.7	254,585.8	23,595.5	1,625.0	15,204.6	40,425.0
PAD District I								
October 1999	55,063.4	—	31,741.5	86,804.9	8,670.4	—	5,595.6	14,266.0
September 1999	54,707.4	—	30,760.6	85,468.0	8,811.8	—	5,575.4	14,387.2
October 1998	51,070.8	—	31,143.4	82,214.2	9,187.1	—	6,004.1	15,191.3
Subdistrict IA								
October 1999	2,754.5	—	9,571.3	12,325.8	268.6	—	1,359.9	1,628.5
September 1999	2,772.6	—	9,514.3	12,287.0	284.5	—	1,365.9	1,650.4
October 1998	1,796.2	—	10,375.4	12,171.6	200.8	—	1,623.1	1,823.9
Connecticut								
October 1999	—	—	2,741.2	2,741.2	—	—	403.7	403.7
September 1999	—	—	2,710.4	2,710.4	—	—	412.3	412.3
October 1998	—	—	2,672.9	2,672.9	—	—	463.5	463.5
Maine								
October 1999	W	—	W	1,722.4	W	—	W	158.4
September 1999	W	—	W	1,749.8	165.3	—	—	165.3
October 1998	888.3	—	1,021.1	1,909.4	86.1	—	106.5	192.6
Massachusetts								
October 1999	—	—	4,950.4	4,950.4	—	—	710.4	710.4
September 1999	—	—	4,987.0	4,987.0	—	—	703.3	703.3
October 1998	—	—	4,943.7	4,943.7	—	—	787.9	787.9
New Hampshire								
October 1999	W	—	W	1,187.4	W	—	W	139.7
September 1999	W	—	W	1,149.4	49.2	—	97.3	146.6
October 1998	330.7	—	749.0	1,079.7	43.3	—	107.2	150.5
Rhode Island								
October 1999	—	—	1,059.2	1,059.2	—	—	147.1	147.1
September 1999	—	—	1,031.9	1,031.9	—	—	153.0	153.0
October 1998	—	—	988.7	988.7	—	—	157.9	157.9
Vermont								
October 1999	665.4	—	—	665.4	69.2	—	—	69.2
September 1999	658.6	—	—	658.6	70.0	—	—	70.0
October 1998	577.2	—	—	577.2	71.5	—	—	71.5
Subdistrict IB								
October 1999	13,905.6	—	18,448.6	32,354.2	1,342.9	—	3,413.5	4,756.4
September 1999	13,930.3	—	17,709.4	31,639.7	1,393.0	—	3,408.4	4,801.4
October 1998	13,345.3	—	17,284.7	30,630.0	1,514.6	—	3,532.5	5,047.1
Delaware								
October 1999	—	—	927.1	927.1	—	—	154.2	154.2
September 1999	—	—	889.4	889.4	—	—	157.5	157.5
October 1998	—	—	770.5	770.5	—	—	176.4	176.4
District of Columbia								
October 1999	—	—	141.3	141.3	—	—	74.0	74.0
September 1999	—	—	138.1	138.1	—	—	72.5	72.5
October 1998	—	—	118.3	118.3	—	—	68.0	68.0
Maryland								
October 1999	456.1	—	3,237.5	3,693.6	61.3	—	721.4	782.7
September 1999	458.9	—	3,155.6	3,614.5	66.4	—	719.3	785.6
October 1998	473.2	—	3,039.9	3,513.1	78.3	—	765.4	843.7
New Jersey								
October 1999	—	—	7,146.8	7,146.8	—	—	1,142.9	1,142.9
September 1999	—	—	6,766.6	6,766.6	—	—	1,150.9	1,150.9
October 1998	—	—	6,788.0	6,788.0	—	—	1,238.8	1,238.8
New York								
October 1999	5,424.7	—	4,674.9	10,099.6	416.7	—	833.5	1,250.2
September 1999	5,398.8	—	4,526.2	9,925.0	434.5	—	828.4	1,262.9
October 1998	5,409.4	—	4,330.7	9,740.1	491.2	—	799.9	1,291.1
Pennsylvania								
October 1999	8,024.8	—	2,321.0	10,345.8	865.0	—	487.4	1,352.4
September 1999	8,072.5	—	2,233.5	10,306.1	892.1	—	479.8	1,371.9
October 1998	7,462.7	—	2,237.2	9,699.9	945.1	—	483.9	1,429.0

See footnotes at end of table.

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

(Thousand Gallons per Day) — Continued

Geographic Area Month	Premium				All Grades			
	Conventional	Oxygenated	Reformulated	Total	Conventional	Oxygenated	Reformulated	Total
United States								
October 1999	32,301.5	1,285.1	22,228.0	55,814.6	224,343.8	14,251.2	117,780.8	356,375.8
September 1999	33,896.1	796.8	22,126.6	56,819.6	228,872.9	10,794.3	117,412.6	357,079.7
October 1998	37,794.2	1,669.9	25,011.6	64,475.7	229,162.2	13,614.5	116,709.9	359,486.6
PAD District I								
October 1999	13,406.2	—	11,101.6	24,507.8	77,139.9	—	48,438.8	125,578.7
September 1999	13,821.2	—	11,046.3	24,867.5	77,340.4	—	47,382.3	124,722.7
October 1998	15,120.1	—	12,942.4	28,062.5	75,378.0	—	50,089.9	125,467.9
Subdistrict IA								
October 1999	365.8	—	2,201.5	2,567.3	3,388.9	—	13,132.7	16,521.6
September 1999	396.9	—	2,229.9	2,626.7	3,454.0	—	13,110.1	16,564.1
October 1998	298.5	—	2,834.6	3,133.1	2,295.5	—	14,833.1	17,128.6
Connecticut								
October 1999	—	—	711.1	711.1	—	—	3,856.0	3,856.0
September 1999	—	—	704.2	704.2	—	—	3,826.8	3,826.8
October 1998	—	—	811.3	811.3	—	—	3,947.7	3,947.7
Maine								
October 1999	W	—	W	205.2	W	—	W	2,085.9
September 1999	W	—	W	228.1	W	—	W	2,143.1
October 1998	120.9	—	190.4	311.3	1,095.4	—	1,318.0	2,413.4
Massachusetts								
October 1999	—	—	1,113.1	1,113.1	—	—	6,773.8	6,773.8
September 1999	—	—	1,137.9	1,137.9	—	—	6,828.1	6,828.1
October 1998	—	—	1,408.0	1,408.0	—	—	7,139.6	7,139.6
New Hampshire								
October 1999	W	—	W	184.0	W	—	W	1,511.0
September 1999	W	—	W	187.3	W	—	W	1,483.3
October 1998	56.5	—	155.5	212.0	430.4	—	1,011.7	1,442.2
Rhode Island								
October 1999	—	—	244.1	244.1	—	—	1,450.3	1,450.3
September 1999	—	—	253.7	253.7	—	—	1,438.6	1,438.6
October 1998	—	—	269.4	269.4	—	—	1,416.0	1,416.0
Vermont								
October 1999	110.0	—	—	110.0	844.5	—	—	844.5
September 1999	115.6	—	—	115.6	844.1	—	—	844.1
October 1998	121.2	—	—	121.2	769.8	—	—	769.8
Subdistrict IB								
October 1999	2,406.3	—	7,616.0	10,022.3	17,654.9	—	29,478.0	47,132.9
September 1999	2,536.0	—	7,576.9	10,112.9	17,859.3	—	28,694.7	46,554.0
October 1998	2,834.7	—	8,684.2	11,518.9	17,694.5	—	29,501.4	47,195.9
Delaware								
October 1999	—	—	175.2	175.2	—	—	1,256.5	1,256.5
September 1999	—	—	174.0	174.0	—	—	1,221.0	1,221.0
October 1998	W	—	W	193.1	W	—	W	1,140.1
District of Columbia								
October 1999	—	—	129.0	129.0	—	—	344.3	344.3
September 1999	—	—	126.0	126.0	—	—	336.6	336.6
October 1998	—	—	141.0	141.0	—	—	327.3	327.3
Maryland								
October 1999	94.7	—	1,074.9	1,169.6	612.1	—	5,033.7	5,645.8
September 1999	99.9	—	1,063.1	1,163.1	625.2	—	4,938.0	5,563.2
October 1998	W	—	W	1,351.3	W	—	W	5,708.1
New Jersey								
October 1999	—	—	2,715.1	2,715.1	—	—	11,004.7	11,004.7
September 1999	—	—	2,712.3	2,712.3	—	—	10,629.8	10,629.8
October 1998	—	—	3,303.7	3,303.7	—	—	11,330.5	11,330.5
New York								
October 1999	823.0	—	2,807.2	3,630.2	6,664.4	—	8,315.7	14,980.1
September 1999	869.9	—	2,793.8	3,663.7	6,703.2	—	8,148.4	14,851.6
October 1998	980.2	—	3,029.0	4,009.3	6,880.8	—	8,159.7	15,040.5
Pennsylvania								
October 1999	1,488.6	—	714.6	2,203.2	10,378.4	—	3,523.0	13,901.4
September 1999	1,566.2	—	707.7	2,273.8	10,530.8	—	3,421.0	13,951.8
October 1998	1,730.9	—	789.7	2,520.6	10,138.7	—	3,510.8	13,649.5

See footnotes at end of table.

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

(Thousand Gallons per Day) — Continued

Geographic Area Month	Regular				Midgrade			
	Conventional	Oxygenated	Reformulated	Total	Conventional	Oxygenated	Reformulated	Total
Subdistrict IC								
October 1999	38,403.2	—	3,721.7	42,124.9	7,058.8	—	822.2	7,881.1
September 1999	38,004.5	—	3,536.8	41,541.3	7,134.3	—	801.1	7,935.4
October 1998	35,929.3	—	3,483.3	39,412.6	7,471.7	—	848.6	8,320.3
Florida								
October 1999	12,863.1	—	—	12,863.1	2,718.1	—	—	2,718.1
September 1999	12,611.3	—	—	12,611.3	2,784.9	—	—	2,784.9
October 1998	12,041.2	—	—	12,041.2	2,928.6	—	—	2,928.6
Georgia								
October 1999	8,679.5	—	—	8,679.5	1,668.9	—	—	1,668.9
September 1999	8,532.4	—	—	8,532.4	1,658.0	—	—	1,658.0
October 1998	8,117.5	—	—	8,117.5	1,683.0	—	—	1,683.0
North Carolina								
October 1999	7,735.1	—	—	7,735.1	1,286.8	—	—	1,286.8
September 1999	7,729.2	—	—	7,729.2	1,338.6	—	—	1,338.6
October 1998	7,410.9	—	—	7,410.9	1,453.9	—	—	1,453.9
South Carolina								
October 1999	4,461.6	—	—	4,461.6	690.9	—	—	690.9
September 1999	4,400.7	—	—	4,400.7	684.4	—	—	684.4
October 1998	3,900.2	—	—	3,900.2	649.6	—	—	649.6
Virginia								
October 1999	3,374.4	—	3,721.7	7,096.1	516.2	—	822.2	1,338.4
September 1999	3,313.4	—	3,536.8	6,850.2	490.1	—	801.1	1,291.2
October 1998	3,163.3	—	3,483.3	6,646.5	561.3	—	848.6	1,409.8
West Virginia								
October 1999	1,289.5	—	—	1,289.5	177.9	—	—	177.9
September 1999	1,417.5	—	—	1,417.5	178.3	—	—	178.3
October 1998	1,296.2	—	—	1,296.2	195.4	—	—	195.4
PAD District II								
October 1999	68,146.5	5,214.1	10,609.8	83,970.4	6,725.3	919.3	1,791.2	9,435.8
September 1999	67,605.3	5,466.0	10,238.9	83,310.2	6,774.5	915.3	1,742.9	9,432.7
October 1998	66,863.0	4,861.2	7,858.6	79,582.8	7,557.5	801.9	1,717.1	10,076.4
Illinois								
October 1999	4,477.1	—	5,074.1	9,551.2	359.3	—	1,080.4	1,439.6
September 1999	4,353.4	—	4,891.5	9,244.8	445.5	—	1,045.8	1,491.3
October 1998	4,404.5	—	4,583.5	8,988.1	517.6	—	1,206.0	1,723.6
Indiana								
October 1999	5,539.0	—	1,080.3	6,619.3	684.4	—	133.9	818.3
September 1999	5,482.3	—	1,038.2	6,520.5	652.7	—	135.4	788.1
October 1998	5,556.4	—	880.5	6,436.9	806.3	—	138.1	944.4
Iowa								
October 1999	3,541.5	—	—	3,541.5	466.0	—	—	466.0
September 1999	3,564.7	—	—	3,564.7	448.0	—	—	448.0
October 1998	3,581.1	—	—	3,581.1	367.6	—	—	367.6
Kansas								
October 1999	3,395.3	—	—	3,395.3	168.7	—	—	168.7
September 1999	3,475.9	—	—	3,475.9	171.1	—	—	171.1
October 1998	3,576.6	—	—	3,576.6	163.1	—	—	163.1
Kentucky								
October 1999	3,235.0	—	1,114.3	4,349.3	374.2	—	195.1	569.3
September 1999	3,315.0	—	1,120.2	4,435.2	372.6	—	194.5	567.1
October 1998	3,183.7	—	995.7	4,179.4	449.3	—	201.9	651.2
Michigan								
October 1999	11,056.6	—	—	11,056.6	874.5	—	—	874.5
September 1999	11,020.5	—	—	11,020.5	886.0	—	—	886.0
October 1998	10,461.7	—	—	10,461.7	1,083.6	—	—	1,083.6
Minnesota								
October 1999	—	5,214.1	—	5,214.1	—	919.3	—	919.3
September 1999	—	5,466.0	—	5,466.0	—	915.3	—	915.3
October 1998	—	4,861.2	—	4,861.2	—	801.9	—	801.9
Missouri								
October 1999	5,291.2	—	1,803.3	7,094.5	292.4	—	230.1	522.5
September 1999	5,259.5	—	1,761.4	7,020.9	300.8	—	220.8	521.7
October 1998	6,191.8	—	—	6,191.8	474.7	—	—	474.7

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
Subdistrict IC								
October 1999	10,634.0	—	1,284.2	11,918.2	56,096.1	—	5,828.1	61,924.2
September 1999	10,888.3	—	1,239.5	12,127.8	56,027.1	—	5,577.5	61,604.6
October 1998	11,986.9	—	1,423.5	13,410.5	55,387.9	—	5,755.4	61,143.3
Florida								
October 1999	4,188.4	—	—	4,188.4	19,769.6	—	—	19,769.6
September 1999	4,280.2	—	—	4,280.2	19,676.4	—	—	19,676.4
October 1998	4,717.1	—	—	4,717.1	19,686.9	—	—	19,686.9
Georgia								
October 1999	2,296.6	—	—	2,296.6	12,645.1	—	—	12,645.1
September 1999	2,329.0	—	—	2,329.0	12,519.5	—	—	12,519.5
October 1998	2,541.3	—	—	2,541.3	12,341.8	—	—	12,341.8
North Carolina								
October 1999	2,061.9	—	—	2,061.9	11,083.8	—	—	11,083.8
September 1999	2,132.7	—	—	2,132.7	11,200.5	—	—	11,200.5
October 1998	2,397.9	—	—	2,397.9	11,262.7	—	—	11,262.7
South Carolina								
October 1999	1,017.0	—	—	1,017.0	6,169.5	—	—	6,169.5
September 1999	1,075.7	—	—	1,075.7	6,160.8	—	—	6,160.8
October 1998	1,124.2	—	—	1,124.2	5,674.0	—	—	5,674.0
Virginia								
October 1999	851.0	—	1,284.2	2,135.2	4,741.6	—	5,828.1	10,569.7
September 1999	837.0	—	1,239.5	2,076.5	4,640.5	—	5,577.5	10,217.9
October 1998	935.4	—	1,423.5	2,358.9	4,659.9	—	5,755.4	10,415.3
West Virginia								
October 1999	219.1	—	—	219.1	1,686.6	—	—	1,686.6
September 1999	233.6	—	—	233.6	1,829.4	—	—	1,829.4
October 1998	271.1	—	—	271.1	1,762.7	—	—	1,762.7
PAD District II								
October 1999	9,906.3	298.9	2,331.4	12,536.6	84,778.1	6,432.3	14,732.5	105,942.8
September 1999	10,182.5	315.7	2,314.5	12,812.6	84,562.4	6,697.0	14,296.2	105,555.6
October 1998	11,716.9	433.4	2,100.6	14,250.9	86,137.4	6,096.4	11,676.4	103,910.1
Illinois								
October 1999	529.1	—	1,373.4	1,902.5	5,365.5	—	7,527.9	12,893.4
September 1999	545.5	—	1,346.4	1,891.9	5,344.4	—	7,283.6	12,628.0
October 1998	592.2	—	1,445.2	2,037.4	5,514.3	—	7,234.7	12,749.0
Indiana								
October 1999	871.2	—	230.8	1,102.0	7,094.6	—	1,445.0	8,539.6
September 1999	865.0	—	230.1	1,095.1	7,000.0	—	1,403.7	8,403.7
October 1998	1,085.3	—	221.3	1,306.5	7,448.0	—	1,239.8	8,687.8
Iowa								
October 1999	228.7	—	—	228.7	4,236.2	—	—	4,236.2
September 1999	235.4	—	—	235.4	4,248.1	—	—	4,248.1
October 1998	256.8	—	—	256.8	4,205.5	—	—	4,205.5
Kansas								
October 1999	357.9	—	—	357.9	3,921.9	—	—	3,921.9
September 1999	371.2	—	—	371.2	4,018.2	—	—	4,018.2
October 1998	406.2	—	—	406.2	4,145.9	—	—	4,145.9
Kentucky								
October 1999	665.5	—	214.4	879.9	4,274.6	—	1,523.8	5,798.4
September 1999	712.9	—	228.8	941.7	4,400.5	—	1,543.5	5,944.0
October 1998	820.0	—	218.0	1,038.0	4,453.0	—	1,415.6	5,868.6
Michigan								
October 1999	1,560.1	—	—	1,560.1	13,491.1	—	—	13,491.1
September 1999	1,613.0	—	—	1,613.0	13,519.5	—	—	13,519.5
October 1998	1,765.2	—	—	1,765.2	13,310.5	—	—	13,310.5
Minnesota								
October 1999	166.2	298.9	—	465.1	166.2	6,432.3	—	6,598.5
September 1999	182.2	315.7	—	497.9	182.2	6,697.0	—	6,879.2
October 1998	161.3	433.4	—	594.7	161.3	6,096.4	—	6,257.7
Missouri								
October 1999	606.4	—	308.0	914.4	6,190.0	—	2,341.4	8,531.4
September 1999	640.2	—	312.0	952.2	6,200.6	—	2,294.2	8,494.8
October 1998	921.6	—	—	921.6	7,588.1	—	—	7,588.1

See footnotes at end of table.

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

(Thousand Gallons per Day) — Continued

Geographic Area Month	Regular				Midgrade			
	Conventional	Oxygenated	Reformulated	Total	Conventional	Oxygenated	Reformulated	Total
Nebraska								
October 1999	2,072.8	—	—	2,072.8	144.5	—	—	144.5
September 1999	2,020.1	—	—	2,020.1	117.5	—	—	117.5
October 1998	2,068.7	—	—	2,068.7	114.3	—	—	114.3
North Dakota								
October 1999	940.4	—	—	940.4	48.1	—	—	48.1
September 1999	943.2	—	—	943.2	46.5	—	—	46.5
October 1998	939.7	—	—	939.7	43.6	—	—	43.6
Ohio								
October 1999	11,419.3	—	—	11,419.3	1,629.7	—	—	1,629.7
September 1999	11,079.0	—	—	11,079.0	1,612.3	—	—	1,612.3
October 1998	10,990.5	—	—	10,990.5	1,785.7	—	—	1,785.7
Oklahoma								
October 1999	5,365.0	—	—	5,365.0	212.5	—	—	212.5
September 1999	5,098.5	—	—	5,098.5	205.5	—	—	205.5
October 1998	4,466.2	—	—	4,466.2	214.0	—	—	214.0
South Dakota								
October 1999	1,006.8	—	—	1,006.8	63.0	—	—	63.0
September 1999	1,070.4	—	—	1,070.4	60.7	—	—	60.7
October 1998	1,102.6	—	—	1,102.6	54.5	—	—	54.5
Tennessee								
October 1999	6,746.3	—	—	6,746.3	1,205.8	—	—	1,205.8
September 1999	6,692.7	—	—	6,692.7	1,214.1	—	—	1,214.1
October 1998	5,936.5	—	—	5,936.5	1,263.9	—	—	1,263.9
Wisconsin								
October 1999	4,060.4	—	1,537.8	5,598.2	202.2	—	151.8	353.9
September 1999	4,230.2	—	1,427.7	5,657.9	241.2	—	146.3	387.5
October 1998	4,403.2	—	1,398.9	5,802.1	219.1	—	171.1	390.3
PAD District III								
October 1999	29,768.8	612.6	9,158.2	39,539.6	3,436.2	39.0	1,640.0	5,115.2
September 1999	30,179.8	228.8	8,952.7	39,361.4	W	W	1,678.3	5,332.8
October 1998	29,440.8	688.3	8,508.5	38,637.7	4,149.7	58.1	1,740.4	5,948.1
Alabama								
October 1999	4,130.5	—	—	4,130.5	668.8	—	—	668.8
September 1999	4,256.8	—	—	4,256.8	734.6	—	—	734.6
October 1998	4,222.5	—	—	4,222.5	832.0	—	—	832.0
Arkansas								
October 1999	2,852.1	—	—	2,852.1	236.9	—	—	236.9
September 1999	2,939.2	—	—	2,939.2	248.7	—	—	248.7
October 1998	2,975.9	—	—	2,975.9	367.1	—	—	367.1
Louisiana								
October 1999	4,179.6	—	—	4,179.6	659.4	—	—	659.4
September 1999	4,222.8	—	—	4,222.8	676.6	—	—	676.6
October 1998	W	—	W	4,025.9	780.0	—	—	780.0
Mississippi								
October 1999	2,706.9	—	—	2,706.9	356.0	—	—	356.0
September 1999	2,813.3	—	—	2,813.3	377.0	—	—	377.0
October 1998	2,802.2	—	—	2,802.2	401.1	—	—	401.1
New Mexico								
October 1999	1,787.9	204.2	—	1,992.1	136.6	22.4	—	159.0
September 1999	W	W	—	2,027.3	W	W	—	159.2
October 1998	W	W	—	2,051.8	170.1	29.0	—	199.2
Texas								
October 1999	14,111.8	408.4	9,158.2	23,678.4	1,378.5	16.6	1,640.0	3,035.1
September 1999	W	W	8,952.7	23,102.0	1,447.6	10.8	1,678.3	3,136.7
October 1998	13,579.4	W	W	22,559.3	1,599.3	29.0	1,740.4	3,368.7
PAD District IV								
October 1999	8,399.1	633.7	—	9,032.8	1,160.5	62.6	—	1,223.1
September 1999	8,704.9	394.0	—	9,098.9	1,264.5	W	—	1,300.6
October 1998	7,844.4	796.1	—	8,640.5	1,264.5	166.6	—	1,431.1
Colorado								
October 1999	3,291.2	588.8	—	3,880.0	634.6	60.9	—	695.5
September 1999	3,468.3	394.0	—	3,862.3	W	W	—	753.4
October 1998	2,947.2	729.2	—	3,676.4	615.4	161.8	—	777.2

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								
October 1999	157.6	—	—	157.6	2,375.0	—	—	2,375.0
September 1999	162.6	—	—	162.6	2,300.2	—	—	2,300.2
October 1998	167.2	—	—	167.2	2,350.2	—	—	2,350.2
North Dakota								
October 1999	45.7	—	—	45.7	1,034.2	—	—	1,034.2
September 1999	46.7	—	—	46.7	1,036.4	—	—	1,036.4
October 1998	63.2	—	—	63.2	1,046.5	—	—	1,046.5
Ohio								
October 1999	1,648.8	—	—	1,648.8	14,697.8	—	—	14,697.8
September 1999	1,617.8	—	—	1,617.8	14,309.0	—	—	14,309.0
October 1998	1,962.2	—	—	1,962.2	14,738.4	—	—	14,738.4
Oklahoma								
October 1999	759.8	—	—	759.8	6,337.3	—	—	6,337.3
September 1999	779.7	—	—	779.7	6,083.7	—	—	6,083.7
October 1998	925.5	—	—	925.5	5,605.7	—	—	5,605.7
South Dakota								
October 1999	64.7	—	—	64.7	1,134.5	—	—	1,134.5
September 1999	71.2	—	—	71.2	1,202.4	—	—	1,202.4
October 1998	76.4	—	—	76.4	1,233.5	—	—	1,233.5
Tennessee								
October 1999	1,819.9	—	—	1,819.9	9,772.0	—	—	9,772.0
September 1999	1,886.5	—	—	1,886.5	9,793.3	—	—	9,793.3
October 1998	2,007.3	—	—	2,007.3	9,207.7	—	—	9,207.7
Wisconsin								
October 1999	424.6	—	204.8	629.4	4,687.1	—	1,894.4	6,581.5
September 1999	452.5	—	197.2	649.7	4,923.9	—	1,771.2	6,695.1
October 1998	506.4	—	216.2	722.6	5,128.7	—	1,786.2	6,915.0
PAD District III								
October 1999	5,611.8	104.4	2,202.2	7,918.3	38,816.8	756.0	13,000.4	52,573.2
September 1999	W	W	2,216.4	8,299.8	39,857.4	289.2	12,847.4	52,994.0
October 1998	6,870.5	134.0	2,394.2	9,398.6	40,461.0	880.4	12,643.1	53,984.5
Alabama								
October 1999	1,044.9	—	—	1,044.9	5,844.3	—	—	5,844.3
September 1999	1,156.1	—	—	1,156.1	6,147.6	—	—	6,147.6
October 1998	1,352.1	—	—	1,352.1	6,406.7	—	—	6,406.7
Arkansas								
October 1999	517.2	—	—	517.2	3,606.2	—	—	3,606.2
September 1999	530.8	—	—	530.8	3,718.8	—	—	3,718.8
October 1998	687.0	—	—	687.0	4,030.1	—	—	4,030.1
Louisiana								
October 1999	1,045.7	—	—	1,045.7	5,884.7	—	—	5,884.7
September 1999	1,135.4	—	—	1,135.4	6,034.8	—	—	6,034.8
October 1998	1,256.8	—	—	1,256.8	W	—	W	6,062.7
Mississippi								
October 1999	610.4	—	—	610.4	3,673.4	—	—	3,673.4
September 1999	674.1	—	—	674.1	3,864.4	—	—	3,864.4
October 1998	809.0	—	—	809.0	4,012.4	—	—	4,012.4
New Mexico								
October 1999	257.3	41.6	—	298.9	2,181.8	268.3	—	2,450.0
September 1999	W	W	—	307.1	W	W	—	2,493.6
October 1998	325.8	53.7	—	379.5	W	W	—	2,630.5
Texas								
October 1999	2,136.2	62.7	2,202.2	4,401.1	17,626.5	487.7	13,000.4	31,114.6
September 1999	2,244.3	35.5	2,216.4	4,496.2	W	W	12,847.4	30,734.9
October 1998	2,439.7	80.2	2,394.2	4,914.2	17,618.4	W	W	30,842.2
PAD District IV								
October 1999	1,631.9	122.4	—	1,754.3	11,191.5	818.7	—	12,010.2
September 1999	W	W	—	1,786.8	11,695.2	491.1	—	12,186.3
October 1998	1,788.2	205.5	—	1,993.6	10,897.1	1,168.1	—	12,065.2
Colorado								
October 1999	662.9	113.4	—	776.3	4,588.7	763.1	—	5,351.8
September 1999	W	W	—	776.2	4,900.7	491.1	—	5,391.9
October 1998	628.2	184.0	—	812.2	4,190.7	1,075.0	—	5,265.7

See footnotes at end of table.

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

(Thousand Gallons per Day) — Continued

Geographic Area Month	Regular				Midgrade			
	Conventional	Oxygenated	Reformulated	Total	Conventional	Oxygenated	Reformulated	Total
Idaho								
October 1999	1,211.6	—	—	1,211.6	97.4	—	—	97.4
September 1999	1,177.8	—	—	1,177.8	111.6	—	—	111.6
October 1998	1,292.2	—	—	1,292.2	154.2	—	—	154.2
Montana								
October 1999	W	W	—	1,198.0	36.8	—	—	36.8
September 1999	1,314.4	—	—	1,314.4	42.8	—	—	42.8
October 1998	1,039.8	25.4	—	1,065.2	46.2	—	—	46.2
Utah								
October 1999	W	W	—	2,041.8	380.4	1.7	—	382.0
September 1999	2,018.2	—	—	2,018.2	379.6	—	—	379.6
October 1998	1,867.3	41.5	—	1,908.8	434.5	4.8	—	439.3
Wyoming								
October 1999	701.4	—	—	701.4	11.4	—	—	11.4
September 1999	726.2	—	—	726.2	13.2	—	—	13.2
October 1998	698.0	—	—	698.0	14.3	—	—	14.3
PAD District V								
October 1999	9,609.1	4,918.1	29,954.4	44,481.5	1,063.1	566.6	5,062.0	6,691.8
September 1999	12,005.3	2,631.2	31,189.3	45,825.8	1,280.2	314.4	5,147.9	6,742.5
October 1998	12,553.5	3,974.0	28,983.1	45,510.6	1,436.7	598.4	5,743.0	7,778.1
Alaska								
October 1999	W	W	—	623.8	W	W	—	27.9
September 1999	W	W	—	827.4	30.9	—	—	30.9
October 1998	554.9	74.4	—	629.3	W	W	—	34.5
Arizona								
October 1999	W	1,042.8	W	4,285.5	W	122.9	W	553.3
September 1999	1,194.6	W	W	4,305.1	109.8	W	W	568.5
October 1998	2,049.7	W	W	4,589.3	W	W	W	594.5
California								
October 1999	W	—	W	27,712.7	W	—	W	4,717.5
September 1999	W	—	W	28,365.0	W	—	W	4,725.7
October 1998	NA	—	27,706.4	27,888.1	W	—	W	5,526.5
Hawaii								
October 1999	524.6	—	—	524.6	104.3	—	—	104.3
September 1999	609.3	—	—	609.3	108.7	—	—	108.7
October 1998	635.0	—	—	635.0	131.7	—	—	131.7
Nevada								
October 1999	W	W	—	1,884.0	W	W	—	219.4
September 1999	1,494.0	368.6	—	1,862.7	176.1	104.9	—	281.0
October 1998	1,026.0	951.9	—	1,977.9	W	W	—	270.9
Oregon								
October 1999	2,349.0	850.3	—	3,199.3	162.8	84.2	—	247.0
September 1999	W	W	—	3,493.3	W	W	—	255.1
October 1998	2,771.2	W	W	3,673.3	210.2	101.9	—	312.2
Washington								
October 1999	4,260.9	1,990.7	—	6,251.6	626.8	195.7	—	822.5
September 1999	4,754.8	1,608.3	—	6,363.1	622.3	150.2	—	772.5
October 1998	5,335.1	782.7	—	6,117.8	807.1	100.8	—	907.9

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
Idaho								
October 1999	153.6	—	—	153.6	1,462.6	—	—	1,462.6
September 1999	151.8	—	—	151.8	1,441.2	—	—	1,441.2
October 1998	209.3	—	—	209.3	1,655.7	—	—	1,655.7
Montana								
October 1999	W	W	—	229.8	W	W	—	1,464.6
September 1999	264.5	—	—	264.5	1,621.7	—	—	1,621.7
October 1998	253.4	7.9	—	261.3	1,339.4	33.3	—	1,372.7
Utah								
October 1999	W	W	—	454.7	W	W	—	2,878.6
September 1999	449.4	—	—	449.4	2,847.2	—	—	2,847.2
October 1998	532.6	13.5	—	546.1	2,834.4	59.8	—	2,894.1
Wyoming								
October 1999	139.8	—	—	139.8	852.6	—	—	852.6
September 1999	144.8	—	—	144.8	884.3	—	—	884.3
October 1998	164.7	—	—	164.7	877.0	—	—	877.0
PAD District V								
October 1999	1,745.3	759.5	6,592.8	9,097.6	12,417.5	6,244.2	41,609.2	60,270.9
September 1999	2,132.1	371.3	6,549.5	9,052.9	15,417.6	3,316.9	42,886.6	61,621.2
October 1998	2,298.5	897.2	7,574.4	10,770.1	16,288.7	5,469.6	42,300.5	64,058.9
Alaska								
October 1999	62.7	16.9	—	79.6	W	W	—	731.4
September 1999	W	W	—	80.1	W	W	—	938.5
October 1998	W	W	—	91.2	W	W	—	754.9
Arizona								
October 1999	W	162.7	W	740.5	W	1,328.4	W	5,579.3
September 1999	175.2	W	W	720.1	1,479.5	W	W	5,593.7
October 1998	W	295.1	W	873.8	2,519.9	W	W	6,057.6
California								
October 1999	W	—	W	6,157.3	W	—	W	38,587.5
September 1999	W	—	W	6,056.7	W	—	W	39,147.4
October 1998	W	—	W	7,338.3	NA	—	40,499.4	40,752.9
Hawaii								
October 1999	241.0	—	—	241.0	869.9	—	—	869.9
September 1999	277.7	—	—	277.7	995.6	—	—	995.6
October 1998	319.8	—	—	319.8	1,086.5	—	—	1,086.5
Nevada								
October 1999	168.3	202.7	—	371.0	W	W	—	2,474.4
September 1999	286.9	93.8	—	380.7	1,957.0	567.4	—	2,524.4
October 1998	W	W	—	425.5	W	W	—	2,674.2
Oregon								
October 1999	302.4	113.8	—	416.2	2,814.2	1,048.3	—	3,862.5
September 1999	W	W	—	445.2	W	W	—	4,193.6
October 1998	395.3	135.7	—	531.0	3,376.7	W	W	4,516.5
Washington								
October 1999	828.5	NA	—	1,091.8	5,716.2	2,449.7	—	8,166.0
September 1999	896.8	NA	—	1,092.5	6,273.9	1,954.2	—	8,228.1
October 1998	1,036.2	154.3	—	1,190.5	7,178.4	1,037.8	—	8,216.3

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 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							
October 1999	817.2	219.3	62,431.4	36,571.5	7,561.5	15,853.4	23,414.9
September 1999	1,016.7	378.7	63,619.7	37,361.5	7,362.5	16,829.4	24,191.8
October 1998	851.8	568.2	62,884.4	39,072.4	8,973.0	23,519.0	32,492.0
PAD District I							
October 1999	188.2	W	13,600.7	5,946.7	5,211.5	6,712.4	11,923.9
September 1999	199.3	W	13,755.0	6,167.6	5,855.0	8,414.0	14,269.0
October 1998	202.2	W	15,187.0	6,509.4	6,569.0	12,348.0	18,917.0
Subdistrict IA							
October 1999	23.5	-	1,594.0	448.4	W	W	1,439.4
September 1999	27.4	-	NA	395.5	W	W	1,912.4
October 1998	24.3	-	1,363.5	403.1	611.5	3,110.6	3,722.1
Connecticut							
October 1999	3.9	-	319.7	68.4	W	-	W
September 1999	3.3	-	184.4	76.0	W	-	W
October 1998	2.8	-	NA	87.9	45.3	-	45.3
Maine							
October 1999	3.1	-	103.7	64.6	W	W	W
September 1999	3.9	-	96.8	51.5	W	W	829.5
October 1998	2.4	-	84.8	58.5	W	W	819.9
Massachusetts							
October 1999	9.0	-	NA	79.8	39.2	716.1	755.3
September 1999	8.0	-	NA	74.1	W	W	793.0
October 1998	9.4	-	853.4	68.3	W	W	2,146.5
New Hampshire							
October 1999	1.9	-	84.6	121.7	W	W	NA
September 1999	3.2	-	80.9	104.2	W	W	193.3
October 1998	3.2	-	74.2	96.8	W	W	598.3
Rhode Island							
October 1999	W	-	111.5	25.9	W	W	40.4
September 1999	W	-	104.2	23.4	65.0	-	65.0
October 1998	W	-	95.5	23.6	W	W	76.5
Vermont							
October 1999	W	-	16.7	88.0	W	W	30.0
September 1999	W	-	14.5	66.3	W	21.3	W
October 1998	W	-	15.5	68.0	W	W	35.6
Subdistrict IB							
October 1999	46.5	W	6,375.1	2,068.8	3,054.9	2,811.6	5,866.5
September 1999	48.3	W	6,219.8	2,150.9	W	W	6,078.1
October 1998	52.5	W	7,413.7	2,153.6	3,976.7	4,398.9	8,375.6
Delaware							
October 1999	1.6	-	13.7	W	NA	160.3	NA
September 1999	2.2	-	13.0	W	NA	NA	NA
October 1998	1.0	-	W	W	250.7	W	W
District of Columbia							
October 1999	-	-	-	W	-	-	-
September 1999	-	-	-	W	-	-	-
October 1998	-	-	W	-	W	-	W
Maryland							
October 1999	4.9	-	327.1	158.8	W	W	657.8
September 1999	4.5	-	338.4	110.6	W	W	707.7
October 1998	5.1	-	377.8	W	W	W	1,514.5
New Jersey							
October 1999	11.4	-	3,396.9	497.5	W	W	868.3
September 1999	12.6	-	3,253.0	549.4	408.4	NA	844.6
October 1998	NA	-	3,655.1	409.4	1,027.3	840.7	1,868.0
New York							
October 1999	12.0	-	970.2	523.9	1,160.5	1,338.5	2,499.0
September 1999	11.2	-	994.2	461.4	1,316.4	1,269.7	2,586.2
October 1998	12.3	-	1,564.2	534.4	2,304.8	1,439.8	3,744.6
Pennsylvania							
October 1999	16.7	W	1,667.2	843.0	NA	641.4	1,218.1
September 1999	17.8	W	1,621.2	912.5	NA	781.4	1,275.8
October 1998	12.8	W	1,720.9	849.4	134.2	708.7	842.9

See footnotes at end of table.

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

(Thousand Gallons per Day) — Continued

Geographic Area Month	Aviation Gasoline	Naphtha- Type Jet Fuel	Kerosene- Type Jet Fuel	Propane (Consumer Grade)	Residual Fuel Oil			
					Sulfur Less Than or Equal to 1 Percent	Sulfur Greater Than 1 Percent	Total Residual Fuel Oil	
Subdistrict IC								
October 1999	118.1	W	5,631.6	3,429.6	W	W	4,618.0	
September 1999	123.6	W	6,113.9	3,621.2	2,580.1	3,698.4	6,278.5	
October 1998	125.4	W	6,409.8	3,952.7	1,980.8	4,838.4	6,819.2	
Florida								
October 1999	56.6	—	2,501.9	630.3	1,740.2	1,477.2	3,217.4	
September 1999	57.1	—	2,573.0	696.4	W	W	4,673.2	
October 1998	65.2	—	2,600.5	722.3	1,312.8	3,321.7	4,634.5	
Georgia								
October 1999	18.1	W	1,264.4	678.4	—	254.6	254.6	
September 1999	20.3	W	1,724.8	723.1	—	W	W	
October 1998	22.9	W	1,782.0	841.2	—	266.5	266.5	
North Carolina								
October 1999	NA	—	649.9	1,162.8	W	W	540.2	
September 1999	NA	—	707.2	1,259.4	W	W	589.0	
October 1998	22.1	—	777.2	1,228.9	W	W	561.0	
South Carolina								
October 1999	7.5	—	189.8	338.6	W	W	W	
September 1999	8.0	—	141.0	387.3	W	W	W	
October 1998	6.9	—	153.4	383.2	W	W	W	
Virginia								
October 1999	11.3	—	1,005.2	489.2	24.3	336.5	360.7	
September 1999	10.8	—	947.7	477.4	17.1	497.5	514.6	
October 1998	4.2	—	1,078.0	692.3	528.1	496.7	1,024.8	
West Virginia								
October 1999	3.5	—	20.4	130.2	W	—	W	
September 1999	2.8	—	20.1	77.7	W	—	W	
October 1998	4.0	—	18.8	84.8	W	—	W	
PAD District II								
October 1999	249.3	W	11,446.1	11,626.9	NA	409.5	500.5	
September 1999	303.9	W	11,734.9	11,361.8	W	W	464.6	
October 1998	259.2	W	10,262.0	14,579.3	W	W	392.6	
Illinois								
October 1999	20.1	—	1,598.8	1,197.8	—	W	W	
September 1999	23.4	—	1,493.4	1,479.6	NA	W	W	
October 1998	12.4	—	1,510.0	1,593.6	—	—	—	
Indiana								
October 1999	14.7	—	1,174.7	565.0	NA	—	NA	
September 1999	12.5	—	1,370.0	644.4	NA	—	NA	
October 1998	11.9	—	942.0	807.6	W	W	56.0	
Iowa								
October 1999	9.5	—	82.4	1,210.2	—	W	W	
September 1999	12.0	—	93.7	1,123.2	—	W	W	
October 1998	23.0	—	127.0	1,880.5	—	W	W	
Kansas								
October 1999	53.7	—	NA	1,347.4	—	W	W	
September 1999	51.5	—	254.2	1,577.0	—	W	W	
October 1998	12.7	—	238.8	2,169.8	—	W	W	
Kentucky								
October 1999	4.1	W	796.8	471.6	W	—	W	
September 1999	3.6	W	794.3	609.4	W	—	W	
October 1998	3.5	—	691.5	428.5	W	W	W	
Michigan								
October 1999	18.1	—	877.5	974.1	—	57.2	57.2	
September 1999	48.7	—	892.4	957.8	—	W	W	
October 1998	NA	—	839.0	1,670.7	—	W	W	
Minnesota								
October 1999	15.3	—	1,148.1	1,679.4	—	141.1	141.1	
September 1999	16.2	—	1,361.2	966.8	—	197.2	197.2	
October 1998	W	—	1,112.0	1,667.6	W	W	94.9	
Missouri								
October 1999	12.5	—	1,295.2	907.2	—	—	—	
September 1999	15.8	—	1,337.3	1,048.1	NA	—	NA	
October 1998	16.1	—	1,322.5	1,112.1	W	W	W	

See footnotes at end of table.

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

Geographic Area Month	Aviation Gasoline	Naphtha- Type Jet Fuel	Kerosene- Type Jet Fuel	Propane (Consumer Grade)	Residual Fuel Oil		
					Sulfur Less Than or Equal to 1 Percent	Sulfur Greater Than 1 Percent	Total Residual Fuel Oil
Nebraska							
October 1999	W	—	150.0	401.4	—	W	W
September 1999	W	—	164.2	485.8	—	W	W
October 1998	W	—	107.3	434.6	—	W	W
North Dakota							
October 1999	4.5	—	26.5	298.0	—	—	—
September 1999	4.0	—	32.1	228.7	—	—	—
October 1998	3.8	—	23.6	249.3	W	W	W
Ohio							
October 1999	NA	—	1,708.5	766.0	W	W	61.0
September 1999	NA	—	1,760.9	628.2	W	W	24.1
October 1998	44.3	W	1,346.3	864.0	W	W	48.3
Oklahoma							
October 1999	11.9	—	687.1	400.6	—	—	—
September 1999	14.1	—	613.3	448.3	—	W	W
October 1998	12.7	—	629.5	411.0	—	—	—
South Dakota							
October 1999	W	—	35.5	327.5	—	—	—
September 1999	W	—	71.1	201.4	—	W	W
October 1998	6.6	—	105.8	258.3	—	W	W
Tennessee							
October 1999	NA	W	1,200.8	342.0	W	W	4.8
September 1999	NA	W	1,198.8	377.6	W	W	7.5
October 1998	25.0	—	1,094.5	311.0	W	W	22.0
Wisconsin							
October 1999	13.0	—	343.7	738.9	W	W	W
September 1999	17.2	—	297.9	585.4	—	W	W
October 1998	W	—	172.2	720.7	—	W	W
PAD District III							
October 1999	145.3	W	17,990.2	15,655.3	W	W	5,167.6
September 1999	173.1	W	17,926.9	16,495.0	W	W	3,968.5
October 1998	126.5	W	16,733.6	14,253.3	693.7	6,850.0	7,543.6
Alabama							
October 1999	12.3	W	NA	334.1	W	90.9	W
September 1999	13.9	W	NA	452.5	W	W	W
October 1998	13.2	W	500.5	433.3	W	W	242.8
Arkansas							
October 1999	8.0	—	178.4	393.5	—	—	—
September 1999	13.8	—	125.0	405.7	—	—	—
October 1998	8.5	—	127.7	412.6	—	—	—
Louisiana							
October 1999	8.8	—	3,639.9	1,880.5	—	2,191.2	2,191.2
September 1999	W	—	3,498.9	2,695.0	W	W	2,448.2
October 1998	11.3	—	2,969.6	1,466.1	—	4,037.1	4,037.1
Mississippi							
October 1999	W	W	1,071.4	668.5	W	W	645.1
September 1999	11.8	W	1,239.4	722.5	—	W	W
October 1998	5.8	W	711.3	612.5	W	30.8	W
New Mexico							
October 1999	W	—	285.0	266.8	W	—	W
September 1999	W	—	270.9	244.4	W	—	W
October 1998	13.3	—	254.3	320.1	W	—	W
Texas							
October 1999	96.5	—	12,259.6	12,111.9	—	2,239.0	2,239.0
September 1999	107.4	—	12,282.9	11,974.9	W	W	1,381.3
October 1998	74.4	—	12,170.4	11,008.6	W	W	2,806.7
PAD District IV							
October 1999	33.9	—	1,569.5	1,013.5	W	W	22.8
September 1999	45.8	—	1,626.7	981.7	W	W	27.1
October 1998	33.8	—	1,512.9	1,037.7	W	W	31.5
Colorado							
October 1999	16.2	—	525.6	402.9	—	—	—
September 1999	18.5	—	617.8	349.5	W	—	W
October 1998	15.1	—	737.1	318.1	—	—	—

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								
October 1999	4.4	-	77.3	74.7	-	-	-	-
September 1999	6.5	-	82.5	62.2	-	-	-	-
October 1998	3.7	-	68.0	67.4	-	-	-	-
Montana								
October 1999	NA	-	100.1	170.9	-	W	W	W
September 1999	W	-	84.7	164.0	-	W	W	W
October 1998	W	-	86.1	204.1	-	W	W	W
Utah								
October 1999	6.1	-	806.8	99.5	W	-	W	W
September 1999	9.7	-	817.3	81.9	W	-	W	W
October 1998	7.1	-	610.0	155.5	W	W	W	W
Wyoming								
October 1999	2.5	-	59.8	265.6	W	W	W	W
September 1999	W	-	24.5	324.1	W	W	W	W
October 1998	W	-	11.8	292.6	W	W	W	W
PAD District V								
October 1999	200.5	W	17,824.9	2,329.1	1,668.2	4,131.8	5,800.0	5,800.0
September 1999	294.6	2.5	18,576.2	2,355.4	1,144.8	4,317.9	5,462.7	5,462.7
October 1998	230.0	17.4	19,188.9	2,692.7	1,626.5	3,980.8	5,607.3	5,607.3
Alaska								
October 1999	45.9	W	2,568.0	W	-	-	-	-
September 1999	116.3	W	2,898.0	W	-	-	-	-
October 1998	69.1	W	2,432.4	W	-	-	-	-
Arizona								
October 1999	18.2	-	840.7	177.9	W	-	W	W
September 1999	17.1	-	872.1	217.5	W	-	W	W
October 1998	18.6	-	899.0	165.7	W	-	W	W
California								
October 1999	96.7	-	10,083.2	1,427.9	W	W	2,587.2	2,587.2
September 1999	104.7	W	10,146.2	1,441.6	W	W	2,806.1	2,806.1
October 1998	85.2	W	11,098.2	1,622.5	436.0	1,683.5	2,119.5	2,119.5
Hawaii								
October 1999	W	-	NA	W	W	W	W	W
September 1999	W	-	751.0	W	W	W	W	W
October 1998	W	-	1,100.8	W	W	W	W	W
Nevada								
October 1999	W	-	774.8	115.4	-	-	-	-
September 1999	W	-	712.3	104.3	W	-	W	W
October 1998	12.3	-	664.0	144.7	W	-	W	W
Oregon								
October 1999	14.5	-	586.4	179.2	-	416.5	416.5	416.5
September 1999	13.1	-	669.5	122.3	-	287.4	287.4	287.4
October 1998	W	-	609.3	130.7	W	W	442.2	442.2
Washington								
October 1999	12.0	-	2,182.9	351.9	-	1,312.3	1,312.3	1,312.3
September 1999	27.4	-	2,527.0	358.8	W	W	1,384.1	1,384.1
October 1998	NA	-	2,385.3	523.5	NA	1,656.7	1,661.0	1,661.0

Dash (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

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

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

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

Geographic Area Month	Kerosene	No. 1 Distillate	No. 2 Distillate				No. 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									
October 1999	1,921.1	1,913.4	26,038.0	103,658.5	21,035.1	124,693.6	150,731.7	448.6	155,014.8
September 1999	1,400.2	1,276.5	20,881.9	103,531.4	21,248.1	124,779.5	145,661.5	350.9	148,689.0
October 1998	2,179.3	1,825.4	26,745.2	98,616.5	21,904.0	120,520.6	147,265.8	492.0	151,762.5
PAD District I									
October 1999	1,272.2	202.5	16,941.0	26,886.5	3,727.0	30,613.6	47,554.5	346.3	49,375.6
September 1999	845.6	191.8	12,121.1	27,684.9	3,798.9	31,483.8	43,604.9	268.1	44,910.4
October 1998	1,252.8	255.7	17,499.4	26,880.7	4,388.2	31,268.9	48,768.2	387.1	50,663.8
Subdistrict IA									
October 1999	308.6	W	3,639.7	2,296.9	138.4	2,435.3	6,075.0	W	6,440.7
September 1999	184.2	W	2,337.7	2,320.3	125.9	2,446.2	4,783.9	W	4,998.2
October 1998	249.9	4.2	4,658.4	2,544.9	380.6	2,925.5	7,583.9	132.7	7,970.7
Connecticut									
October 1999	W	—	850.2	W	W	545.6	1,395.8	W	1,465.2
September 1999	W	—	542.6	W	W	528.3	1,071.0	W	1,139.6
October 1998	63.6	1.5	987.9	W	W	699.8	1,687.7	26.8	1,779.6
Maine									
October 1999	W	—	701.2	457.5	25.9	483.5	1,184.7	W	1,304.3
September 1999	W	—	492.4	490.9	NA	509.8	1,002.2	W	1,062.2
October 1998	86.7	W	766.3	488.3	24.9	513.2	1,279.5	W	1,374.9
Massachusetts									
October 1999	8.9	—	933.3	W	W	741.7	1,675.0	18.9	1,702.9
September 1999	7.2	W	620.0	W	W	700.8	1,320.8	W	1,335.4
October 1998	W	W	1,626.0	826.2	175.0	1,001.2	2,627.1	65.6	2,723.9
New Hampshire									
October 1999	W	—	522.5	W	W	302.9	825.3	W	918.3
September 1999	W	—	322.1	W	W	313.1	635.1	W	671.6
October 1998	51.2	—	571.2	295.3	5.5	300.7	871.9	17.4	940.5
Rhode Island									
October 1999	W	W	349.7	W	W	199.5	549.2	W	569.6
September 1999	11.1	W	174.1	W	W	215.1	389.2	W	403.7
October 1998	W	W	561.7	262.3	39.0	301.4	863.1	8.2	877.1
Vermont									
October 1999	28.0	—	282.9	152.3	9.8	162.2	445.0	7.3	480.4
September 1999	15.1	—	186.5	163.3	15.8	179.1	365.7	4.8	385.6
October 1998	12.8	W	145.3	W	W	109.2	254.5	W	274.7
Subdistrict IB									
October 1999	494.9	148.2	9,983.5	9,799.3	670.7	10,470.0	20,453.5	280.1	21,376.7
September 1999	337.9	150.1	6,596.7	10,321.9	605.2	10,927.2	17,523.9	231.4	18,243.2
October 1998	565.9	179.5	9,092.9	9,296.8	679.5	9,976.4	19,069.2	242.7	20,057.3
Delaware									
October 1999	W	—	W	279.2	W	W	409.5	W	419.6
September 1999	W	—	W	268.2	W	W	357.4	W	362.0
October 1998	W	—	216.6	258.9	8.6	267.5	484.2	W	495.3
District of Columbia									
October 1999	W	—	W	14.5	W	W	33.8	W	55.8
September 1999	W	—	W	14.8	W	W	24.3	W	99.2
October 1998	—	—	41.8	24.8	W	W	W	W	70.7
Maryland									
October 1999	55.1	2.7	606.7	813.9	68.3	882.2	1,488.9	4.3	1,551.0
September 1999	36.0	W	393.3	804.5	92.7	897.2	1,290.5	W	1,333.5
October 1998	46.9	W	426.9	838.3	68.3	906.6	1,333.5	W	1,382.8
New Jersey									
October 1999	76.3	W	3,615.3	2,573.2	276.9	2,850.1	6,465.4	W	6,576.2
September 1999	W	—	1,719.4	3,048.9	235.2	3,284.1	5,003.5	W	5,107.2
October 1998	W	W	2,926.5	2,422.8	315.0	2,737.8	5,664.4	37.5	5,903.8
New York									
October 1999	W	W	2,925.4	2,037.7	176.8	2,214.6	5,140.0	228.7	5,700.1
September 1999	137.1	W	2,119.4	2,009.4	142.5	2,151.9	4,271.3	W	4,666.6
October 1998	220.1	W	2,533.5	2,102.0	W	W	W	196.2	5,366.7
Pennsylvania									
October 1999	135.1	W	2,703.6	4,080.8	131.5	4,212.3	6,915.9	W	7,074.0
September 1999	68.8	W	2,281.6	4,176.1	119.3	4,295.4	6,577.0	W	6,674.7
October 1998	125.6	W	2,947.6	3,650.0	101.5	3,751.5	6,699.0	W	6,838.0

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									
October 1999	468.7	W	3,317.7	14,790.4	2,918.0	17,708.3	21,026.1	W	21,558.2
September 1999	323.5	W	3,186.7	15,042.6	3,067.8	18,110.4	21,297.1	W	21,669.0
October 1998	437.0	72.0	3,748.1	15,038.9	3,328.1	18,367.0	22,115.1	11.7	22,635.8
Florida									
October 1999	21.6	W	570.2	3,907.3	1,142.8	5,050.1	5,620.2	W	5,644.8
September 1999	16.0	W	660.3	4,078.6	1,344.8	5,423.4	6,083.7	W	6,100.4
October 1998	W	—	705.8	4,076.3	1,303.7	5,380.1	6,085.8	W	6,135.8
Georgia									
October 1999	28.4	—	445.0	3,984.6	533.0	4,517.7	4,962.6	—	4,991.1
September 1999	17.2	—	472.9	3,921.7	523.9	4,445.6	4,918.4	—	4,935.7
October 1998	W	W	540.9	3,835.3	658.9	4,494.2	5,035.0	—	5,065.5
North Carolina									
October 1999	W	W	581.9	2,606.3	624.4	3,230.7	3,812.6	—	4,014.3
September 1999	W	17.6	517.3	2,691.2	592.3	3,283.5	3,800.8	W	3,958.5
October 1998	139.4	W	679.8	2,649.0	646.5	3,295.5	3,975.2	W	4,148.9
South Carolina									
October 1999	60.8	W	264.5	1,518.4	204.5	1,722.8	1,987.3	W	2,049.6
September 1999	37.1	W	214.0	1,541.8	204.3	1,746.1	1,960.1	W	1,997.8
October 1998	100.0	4.1	360.9	1,483.7	241.7	1,725.5	2,086.4	—	2,190.5
Virginia									
October 1999	166.8	W	992.2	2,336.3	344.1	2,680.3	3,672.5	W	3,864.1
September 1999	101.1	W	839.8	2,214.7	323.0	2,537.7	3,377.4	W	3,498.8
October 1998	111.0	W	941.8	2,440.5	370.4	2,810.8	3,752.6	W	3,895.1
West Virginia									
October 1999	W	W	464.0	437.5	69.3	506.7	970.8	—	994.4
September 1999	W	W	482.4	594.6	79.6	674.2	1,156.6	—	1,177.7
October 1998	W	W	519.0	554.2	106.9	661.1	1,180.1	—	1,200.2
PAD District II									
October 1999	W	984.6	6,290.0	37,423.8	5,472.9	42,896.7	49,186.7	W	50,504.1
September 1999	W	656.1	6,097.6	36,275.7	5,544.3	41,820.0	47,917.6	W	48,804.3
October 1998	385.8	W	7,016.2	33,634.5	6,150.1	39,784.6	46,800.9	W	48,158.7
Illinois									
October 1999	21.8	170.1	1,203.5	3,304.0	745.9	4,050.0	5,253.5	—	5,445.4
September 1999	12.2	141.6	1,153.9	3,489.9	645.2	4,135.1	5,289.0	—	5,442.8
October 1998	45.7	118.3	1,224.9	3,351.6	762.1	4,113.7	5,338.6	—	5,502.6
Indiana									
October 1999	W	44.0	653.9	3,877.9	422.6	4,300.5	4,954.4	W	5,035.1
September 1999	W	25.8	711.7	3,768.7	375.1	4,143.8	4,855.5	W	4,905.2
October 1998	W	47.3	623.8	3,442.3	525.0	3,967.3	4,591.2	W	4,672.7
Iowa									
October 1999	6.2	69.9	202.4	2,663.7	110.8	2,774.5	2,977.0	—	3,053.0
September 1999	6.1	34.8	175.5	2,281.7	123.5	2,405.2	2,580.7	—	2,621.6
October 1998	10.7	81.3	259.5	2,298.9	173.2	2,472.1	2,731.7	—	2,823.7
Kansas									
October 1999	2.7	98.1	44.5	1,756.7	192.1	1,948.8	1,993.3	—	2,094.1
September 1999	3.0	16.9	45.1	1,776.4	249.1	2,025.6	2,070.6	—	2,090.5
October 1998	2.9	47.6	W	1,822.3	W	W	2,325.1	—	2,375.5
Kentucky									
October 1999	42.8	W	650.1	1,962.9	406.6	2,369.5	3,019.6	W	3,089.9
September 1999	28.1	W	700.0	1,928.7	380.9	2,309.6	3,009.7	W	3,058.2
October 1998	44.8	W	819.7	1,784.0	357.2	2,141.2	2,960.9	W	3,029.1
Michigan									
October 1999	49.5	66.1	521.5	3,150.3	266.8	3,417.1	3,938.5	—	4,054.1
September 1999	34.4	44.4	472.1	3,091.1	293.6	3,384.8	3,856.9	—	3,935.7
October 1998	24.0	59.3	564.8	2,626.9	366.1	2,993.0	3,557.8	—	3,641.1
Minnesota									
October 1999	W	149.7	477.8	2,360.7	359.9	2,720.6	3,198.4	W	3,356.7
September 1999	W	134.9	431.1	2,157.3	393.6	2,550.9	2,982.0	W	3,128.3
October 1998	W	200.0	623.0	1,889.2	289.6	2,178.7	2,801.8	W	3,063.3
Missouri									
October 1999	12.4	43.5	206.6	3,019.9	121.0	3,140.9	3,347.5	—	3,403.4
September 1999	W	24.8	189.2	2,811.2	121.1	2,932.3	3,121.5	W	3,153.3
October 1998	6.4	26.4	176.6	2,675.5	180.5	2,855.9	3,032.5	—	3,065.3

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									
October 1999	1.7	68.7	155.0	1,324.2	NA	1,889.4	2,044.4	—	2,114.9
September 1999	W	W	169.8	1,246.1	562.6	1,808.7	1,978.5	—	2,019.4
October 1998	W	W	175.6	1,260.0	659.9	1,919.9	2,095.6	—	2,171.9
North Dakota									
October 1999	—	58.1	W	664.7	W	W	1,022.5	—	1,080.5
September 1999	W	W	W	677.4	W	W	988.1	—	1,025.1
October 1998	W	W	135.7	662.8	73.5	736.3	872.0	—	944.8
Ohio									
October 1999	66.0	W	952.3	3,886.4	700.7	4,587.1	5,539.4	W	5,648.9
September 1999	44.3	W	947.5	3,850.0	639.4	4,489.4	5,436.9	W	5,512.8
October 1998	76.5	W	1,178.8	3,622.9	908.5	4,531.4	5,710.1	W	5,837.1
Oklahoma									
October 1999	2.2	4.9	180.2	2,899.1	628.0	3,527.1	3,707.3	—	3,714.4
September 1999	1.2	2.2	144.1	2,833.0	717.1	3,550.1	3,694.3	—	3,697.6
October 1998	W	W	113.7	2,526.3	740.1	3,266.4	3,380.1	—	3,385.4
South Dakota									
October 1999	0.9	52.1	W	734.9	W	W	770.9	—	823.9
September 1999	0.8	38.4	W	704.1	W	W	726.2	—	765.4
October 1998	W	W	W	686.7	W	W	745.1	—	816.2
Tennessee									
October 1999	W	W	329.1	3,511.1	543.0	4,054.2	4,383.2	—	4,465.6
September 1999	W	W	300.0	3,311.6	610.9	3,922.6	4,222.6	—	4,286.1
October 1998	64.7	W	275.5	2,908.0	595.1	3,503.1	3,778.6	W	3,865.2
Wisconsin									
October 1999	W	80.5	466.0	2,307.3	263.5	2,570.8	3,036.8	W	3,124.2
September 1999	W	52.8	454.3	2,348.5	302.5	2,651.0	3,105.3	W	3,162.4
October 1998	7.3	77.7	540.7	2,077.4	261.8	2,339.1	2,879.8	—	2,964.8
PAD District III									
October 1999	304.5	32.9	2,265.1	16,436.1	7,272.2	23,708.3	25,973.4	—	26,310.8
September 1999	318.5	38.5	2,133.0	16,661.3	7,442.2	24,103.5	26,236.5	—	26,593.4
October 1998	505.5	W	1,851.4	15,871.9	7,127.2	22,999.0	24,850.5	W	25,395.4
Alabama									
October 1999	W	W	309.6	1,628.8	318.2	1,947.0	2,256.6	—	2,277.2
September 1999	W	W	323.1	1,703.9	299.7	2,003.6	2,326.6	—	2,337.3
October 1998	14.9	—	383.9	1,721.4	352.8	2,074.2	2,458.0	—	2,472.9
Arkansas									
October 1999	W	W	146.8	1,577.9	478.2	2,056.2	2,202.9	—	2,205.7
September 1999	0.7	—	167.0	1,604.8	561.5	2,166.4	2,333.3	—	2,334.1
October 1998	W	W	107.5	1,819.5	734.0	2,553.5	2,661.0	—	2,665.6
Louisiana									
October 1999	W	—	779.5	1,648.4	W	W	W	—	5,496.0
September 1999	W	—	706.9	1,678.1	W	W	W	—	5,582.6
October 1998	W	—	437.1	1,622.9	W	W	W	—	5,130.4
Mississippi									
October 1999	W	—	165.8	1,244.5	W	W	W	—	2,050.4
September 1999	7.4	—	204.6	1,284.6	W	W	2,150.8	—	2,158.2
October 1998	6.7	—	226.6	1,406.0	W	W	2,095.7	—	2,102.4
New Mexico									
October 1999	W	W	—	1,148.5	80.9	1,229.4	1,229.4	—	1,245.8
September 1999	W	W	—	1,119.0	W	W	W	—	1,194.6
October 1998	W	W	—	1,061.6	W	W	W	—	1,219.7
Texas									
October 1999	14.3	13.1	863.4	9,188.0	2,956.9	12,144.9	13,008.3	—	13,035.6
September 1999	11.6	29.2	731.5	9,270.8	2,943.4	12,214.2	12,945.7	—	12,986.6
October 1998	W	W	696.4	8,240.5	2,694.3	10,934.8	11,631.2	W	11,804.4
PAD District IV									
October 1999	4.9	262.9	W	5,719.6	W	W	6,795.2	—	7,062.9
September 1999	2.2	106.7	W	5,576.9	W	W	6,617.6	—	6,726.6
October 1998	1.9	224.2	W	5,100.7	W	W	6,039.1	—	6,265.2
Colorado									
October 1999	W	W	W	1,586.8	W	W	1,931.3	—	2,019.2
September 1999	W	W	1.3	W	W	1,799.7	1,801.1	—	1,830.8
October 1998	0.4	64.9	W	1,443.6	W	W	1,666.4	—	1,731.7

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
Idaho									
October 1999	—	38.3	—	870.2	240.0	1,110.2	1,110.2	—	1,148.5
September 1999	—	15.4	W	775.0	W	W	1,033.1	—	1,048.5
October 1998	—	33.4	W	739.5	W	W	1,021.0	—	1,054.4
Montana									
October 1999	—	58.7	W	822.5	W	W	863.5	—	922.3
September 1999	—	38.4	W	W	W	W	938.2	—	976.5
October 1998	—	61.1	W	W	W	W	801.2	—	862.3
Utah									
October 1999	W	W	W	1,183.9	W	W	1,385.9	—	1,416.6
September 1999	W	W	W	1,167.0	W	W	1,345.7	—	1,351.4
October 1998	W	W	W	981.8	W	W	1,168.6	—	1,187.3
Wyoming									
October 1999	W	W	W	1,256.3	W	W	1,504.3	—	1,556.4
September 1999	—	19.8	W	1,216.6	W	W	1,499.6	—	1,519.4
October 1998	W	W	—	W	W	1,381.8	1,381.8	—	1,429.5
PAD District V									
October 1999	W	430.4	W	17,192.5	W	W	21,221.9	W	21,761.5
September 1999	W	283.4	W	17,332.6	W	W	21,284.8	W	21,654.3
October 1998	33.2	341.4	W	17,128.8	W	W	20,807.2	97.6	21,279.4
Alaska									
October 1999	W	347.9	250.5	W	W	442.0	692.5	W	1,116.2
September 1999	W	242.0	238.8	W	W	625.0	863.7	W	1,176.9
October 1998	W	300.5	263.5	29.7	480.5	510.3	773.7	W	1,160.6
Arizona									
October 1999	W	W	W	1,704.0	W	W	1,824.0	—	1,827.4
September 1999	W	W	—	1,600.7	122.2	1,722.9	1,722.9	—	1,724.8
October 1998	W	W	—	1,520.3	225.6	1,745.9	1,745.9	—	1,746.9
California									
October 1999	W	—	W	10,972.7	W	W	11,287.6	W	11,295.5
September 1999	W	—	W	11,164.2	W	W	11,540.7	W	11,544.2
October 1998	W	—	W	11,074.9	W	W	11,588.8	W	11,607.6
Hawaii									
October 1999	—	—	—	W	W	NA	NA	—	NA
September 1999	—	—	—	W	W	639.5	639.5	—	639.5
October 1998	—	—	—	136.9	393.8	530.7	530.7	—	530.7
Nevada									
October 1999	W	W	W	952.3	W	W	1,153.4	—	1,154.2
September 1999	—	—	W	792.8	W	W	985.5	—	985.5
October 1998	W	W	W	735.5	W	W	793.4	—	795.6
Oregon									
October 1999	W	23.9	W	1,500.2	W	W	2,361.7	W	2,400.7
September 1999	W	W	W	1,570.1	W	W	2,550.1	W	2,565.6
October 1998	W	2.2	W	1,475.9	W	W	2,104.3	W	2,124.9
Washington									
October 1999	W	55.2	30.8	1,938.4	1,265.9	3,204.3	3,235.1	W	3,300.0
September 1999	W	31.5	29.0	2,092.7	860.8	2,953.5	2,982.5	W	3,017.9
October 1998	W	36.5	W	2,155.6	W	W	3,270.4	W	3,313.0

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

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

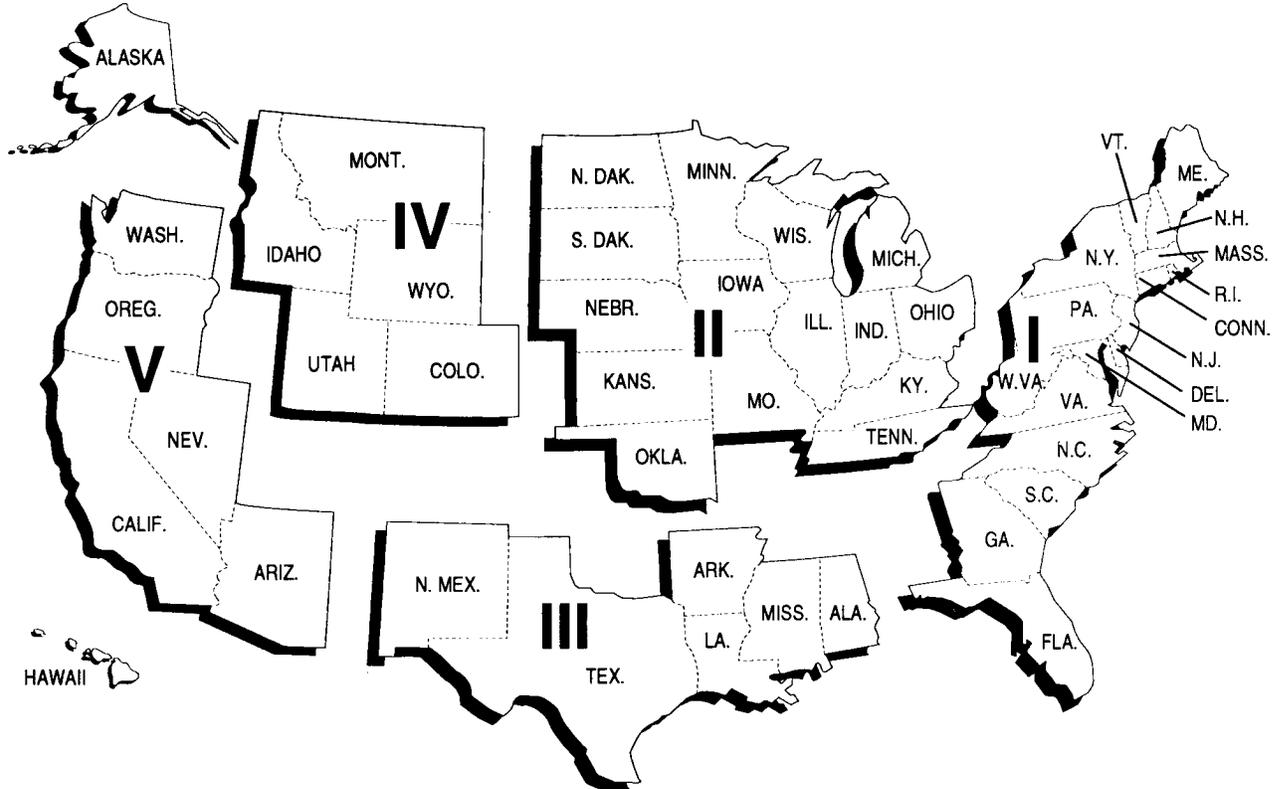
Once you are in the EIA Website, click on "Petroleum" and then scroll down and click on *Petroleum Marketing Monthly*. When you are in the *Petroleum Marketing*

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.

Petroleum Administration for Defense (PAD) Districts



**Table EN1. Federal and State Motor Gasoline 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	19.93	20.00	19.80	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	27.00	18.00	New Hampshire	19.60	19.60	19.60
Arkansas	19.50	20.50	19.50	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	32.00	18.00	31.00	North Carolina	21.20	21.20	21.20
Delaware	23.00	22.00	23.00	North Dakota	21.00	21.00	21.00
District of Columbia	20.00	20.00	20.00	Ohio	22.00	22.00	22.00
Florida 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	22.00	22.00	20.00
Iowa ³	20.00	22.50	19.00	Tennessee	20.00	17.00	20.00
Kansas	20.00	22.00	20.00	Texas	20.00	20.00	20.00
Kentucky	16.40	13.40	16.40	Utah	24.50	24.50	24.50
Louisiana	20.00	20.00	20.00	Vermont	20.00	17.00	20.00
Maine	19.00	20.00	19.00	Virginia ³	17.50	16.00	17.50
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	20.00	Wyoming	14.00	14.00	14.00

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

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

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

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

Commercial/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: Finished motor gasoline not included in the oxygenated or reformulated gasoline categories. *Note:* This category excludes reformulated gasoline blendstock for oxygenate blending (RBOB) well as other blendstock.

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 accor-

dance with accounting procedures generally accepted and consistently and historically applied by the refiner concerned, or (2) in the case of a processing agreement, delivered to another refinery for processing for the respondent's own account.

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

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

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

1. **No. 1 Distillate:** A light petroleum distillate that can be used as either a diesel fuel (see **No. 1 Diesel Fuel**) or a fuel oil (See **No. 1 Fuel Oil**).
 - a. **No. 1 Diesel Fuel:** A light distillate fuel oil that has distillation temperatures of 550 degrees Fahrenheit at the 90-percent point and meets the specifications defined in ASTM Specification D 975. It is used in high-speed diesel engines generally operated under frequent speed and load changes, such as those in city buses and similar vehicles. See **No. 1 Distillate**.
 - b. **No. 1 Fuel Oil:** A light distillate fuel oil that has distillation temperatures of 400 degrees Fahrenheit at the 10-percent recovery point and 550 degrees Fahrenheit at the 90-percent point and meets the specifications defined in ASTM Specification D 396. It is used primarily as fuel for portable outdoor stoves and portable outdoor heaters. See **No. 1 Distillate**.
2. **No. 2 Distillate:** A petroleum distillate that can be used as either a diesel fuel (see **No. 2 Diesel Fuel**) or a fuel oil. See **No. 2 Fuel Oil**.

- a. **No. 2 Diesel Fuel:** A fuel that has distillation temperatures of 500 degrees Fahrenheit at the 10-percent recovery point and 640 degrees Fahrenheit at the 90-percent recovery point and meets the specifications defined in ASTM Specification D 975. It is used in high speed diesel engines that are generally operated under uniform speed and load conditions, such as those in railroad locomotives, trucks, and automobiles. See **No. 2 Distillate**.

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

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

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

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

First Purchase (of crude oil): An equity (not custody) transaction involving an arms-length transfer of ownership of crude oil associated with the physical removal of the crude oil from a property (lease) for the first time. A first purchase normally occurs at the time and place of ownership transfer where the crude oil volume sold is measured and recorded on a run ticket or other similar physical evidence of purchase. The reported cost is the actual amount paid by the purchaser, allowing for any adjustments (deductions or premiums) passed on to the producer or royalty owner.

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

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

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

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

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

Kerosene-Type Jet Fuel: A kerosene-based product having a maximum distillation temperature of 400 degrees Fahrenheit at the 10-percent recovery point and a final maximum boiling point of 572 degrees Fahrenheit

and meeting ASTM Specification D 1655 and Military Specifications MIL-T-5624P and MIL-T-83133D (Grades JP-5 and JP-8). It is used for commercial and military turbojet and turboprop aircraft engines.

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

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

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

lations promulgated by the U.S. Environmental Protection Agency under Section 211(k) of the Clean Air Act. Note: This category includes oxygenated fuels program reformulated gasoline (OPRG) but excludes reformulated gasoline blendstock for oxygenate blending (RBOB).

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

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

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

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

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

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

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

aviation fuels and meets engine requirements at high altitudes and speeds.

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

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

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

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

Oxygenated Gasoline: See Motor Gasoline.

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

PAD District: Petroleum Administration for Defense Districts

PAD District I:

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

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

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

PAD District II:

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

PAD District III:

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

PAD District IV:

Colorado, Idaho, Montana, Utah, Wyoming.

PAD District V:

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

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

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

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

Propane, Consumer Grade: A normally gaseous paraffinic compound (C₃H₈), 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 Oil: A general classification for the heavier oils, known as No. 5 and No. 6 fuel oils, that remain after the distillate fuel oils and lighter hydrocarbons are distilled away in refinery operations. It conforms to ASTM Specification D 396 and D 975 and Federal Specification VV-F-815C. No. 5, a residual fuel oil of medium viscosity, is also known as Navy Special

and is defined in Military Specification MIL-F-859E, including Amendment 2 (NATO Symbol F-77). It is used in steam-powered vessels in government service and inshore powerplants. No. 6 fuel oil includes Bunker C fuel oil and is used for the production of electric power, space heating, vessel bunkering, and various industrial purposes.

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

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

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

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

Sales to End Users: Sales made directly to the consumer of the product. Includes bulk consumers such as agriculture, industry, and utilities, as well as residential and commercial consumers.

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

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

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

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

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

Articles

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

<i>A Comparison of Selected EIA-782 Data With Other Data Sources</i>	December 1999
<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
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