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Petroleum Marketing Monthly

July 1993

Energy Information Administration
Office of Oil and Gas
U.S. Department of Energy
Washington DC 20585

MASTER

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Contacts

The *Petroleum Marketing Monthly* (PMM) is prepared in the Energy Information Administration (EIA) under the general direction of Charles P. Shirkey (202-586-6567), Petroleum Marketing Division, Office of Oil and Gas, EIA.

Detailed, technical questions for specific areas of the PMM may be directed to the EIA staff listed below.

For primary program responsibility:

Charles W. Riner (202-586-6610)

For tables referencing the EIA-782A, the EIA-782B, and the EIA-782C:

Charles W. Riner (202-586-6610)

Kenneth Platto (202-586-6364)

For tables referencing the EIA-14 and EIA-856:

Lamar Gowland (202-586-6608)

Elizabeth Scott (202-586-1258)

For tables referencing the EIA-182:

Alan Griffith (202-586-7225)

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- *Petroleum Supply Monthly*
Updated on the 20th of the month.
- *Petroleum Marketing Monthly*
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- *Natural Gas Monthly*
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- *Short Term Energy Outlook*
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- *Winter Fuels Report* (October through April)
Updated Thursdays at 5:00 p.m.

Preface

The *Petroleum Marketing Monthly* is prepared by the Petroleum Marketing Division, Office of Oil and Gas, Energy Information Administration.

The *Petroleum Marketing Monthly* (PMM) is designed to give information and statistical data about a variety of crude oils and refined petroleum products. The publication provides 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. Sales data for motor gasoline, distillates, residuals, aviation fuels, kerosene, and propane are presented.

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 47 to 49 are derived from aggregations of data from the Form EIA-782C, "Monthly Report of Petroleum Products Sold into States for Consumption."

Information concerning standard errors for prices of motor gasoline, No. 2 distillate (including No. 2 fuel oil), and residual fuel oil, are presented in Tables 50 to 54. The Form EIA-782 survey response rates are presented in Table 55.

Sections

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

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

The publication highlights salient statistics for the United States in the summary 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. The Product Guide located at the end of this publication provides a detailed breakdown of the table coverage.

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.
- "Seller" comprises the categories of major refiners, other refiners (including gas plant operators), and resellers as defined in the Glossary.
- References to "Refiners" include gas plant operators (see the Glossary for definition of "Gas Plant Operators.").
- "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 "Company Outlets" refers to sales made through company-operated retail outlets (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

Highlights

Overview

International crude oil prices were relatively stable in April 1993. The Organization of Petroleum Exporting Countries (OPEC) further reduced its production by over 300,000 barrels per day from March, bringing the total reduction since February to over 1 million barrels per day. This reduced output, combined with moderate strengthening of worldwide demand, held prices near the levels reached in late February to early March, after recovering from the slide in the last half of 1992. However, continued uncertainty over world economic recovery and OPEC discipline restrained prices from moving any higher in April.

In the United States, crude oil prices began and ended the month at nearly the same levels, but were slightly lower in mid-to-late April. The daily spot price of West Texas Intermediate (WTI) crude oil at Cushing, Okla-

homa, peaked at \$20.67 per barrel on April 2, before negative statements by Kuwait on OPEC quota compliance pulled down world and U.S. markets. WTI prices reached their low point for the month on April 22, then recovered during the following week, ending 10 cents per barrel higher than they began. The composite refiner acquisition cost of crude oil in the United States climbed 34 cents (1.9 percent) in April, to \$18.42 per barrel.

Petroleum product price movements in U.S. markets reflected the typical spring reversal of gasoline and distillate values. The daily price of unleaded regular gasoline on the New York Harbor spot market rose above that for No. 2 heating oil on April 1, partially due to the changeover to lower-volatility, summer-grade fuel. The gasoline spot price continued to rise during the month, closing at 61.2 cents per gallon, 5.5 cents above its level at the end of March. The daily spot price for No. 2 fuel closely followed crude oil

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					
	April 1993		March 1993		April 1992		April 1993		March 1993		April 1992	
	Price	Volume	Price	Volume	Price	Volume	Price	Volume	Price	Volume	Price	Volume
Motor Gasoline	77.8	58.1	75.7	57.6	74.6	58.7	67.6	268.9	65.2	263.0	66.6	272.7
Leaded Regular	73.0	.6	71.6	.6	72.3	.8	66.7	3.3	63.9	3.1	65.8	4.4
Unleaded Regular	73.2	38.1	71.1	37.2	70.4	38.0	64.6	185.4	62.0	182.3	63.7	186.5
Unleaded Midgrade	82.5	9.1	80.2	9.0	78.4	9.0	70.8	28.1	68.7	27.2	68.8	27.7
Premium	91.0	10.4	87.7	10.9	86.3	11.0	76.8	52.1	74.7	50.4	75.3	54.1
Aviation Gasoline	100.7	.2	99.4	.2	99.1	.2	97.7	.6	97.4	.6	96.4	.6
Kerosene-Type Jet Fuel	59.7	40.7	60.6	40.8	57.3	39.3	59.9	7.4	60.3	8.6	56.5	7.7
Propane (Consumer Grade)	69.4	3.1	75.4	4.4	73.1	2.5	36.2	21.6	38.2	30.3	29.0	21.8
Kerosene	77.0	.1	83.2	.2	77.9	.1	60.8	1.3	65.4	3.3	61.7	1.2
No. 1 Distillate	66.9	.3	69.2	.6	65.4	.3	65.4	.9	67.4	2.5	64.2	.8
No. 2 Distillate	62.4	24.2	63.3	24.5	59.2	25.5	58.7	98.7	59.5	107.1	56.8	101.4
No. 2 Fuel Oil	61.9	3.0	66.2	3.4	60.6	3.3	57.4	46.8	59.0	56.0	56.6	48.2
No. 2 Diesel Fuel	62.5	21.2	62.9	21.1	59.1	22.2	59.9	51.9	60.0	51.1	57.0	53.2
No. 4 Fuel^a	54.8	.5	54.5	.8	49.7	.5	52.4	.4	53.8	.8	46.5	.4
Residual Fuel Oil	36.3	20.2	35.6	19.4	29.7	21.1	33.5	12.1	32.9	13.2	27.6	19.9
Sulfur Content not > 1 %	43.6	7.2	42.6	7.0	35.3	6.0	38.4	5.7	39.0	6.2	32.0	6.4
Sulfur Content > 1 %	32.2	13.0	31.6	12.4	27.4	15.0	29.2	6.4	27.5	7.0	25.6	13.6

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

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

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

prices, declining during the month to a low of 54.1 cents per gallon, before recovering to 55.3 cents, down 0.5 cent during the month. Total refiner sales of the major petroleum products fell 18.4 million gallons (3.2 percent) from March.

April sales activity for crude oil and the principal petroleum product groups is summarized in the following sections.

Crude Oil

The average free-on-board (f.o.b.) cost of imported crude oil purchased in April decreased 21 cents (1.3 percent) to \$15.40 per barrel. The average landed cost of foreign crude oil rose 14 cents (0.8 percent) to \$17.72 per barrel. Domestic crude oil first purchase prices climbed 20 cents (1.3 percent) to \$16.08 per barrel.

The average refiner acquisition cost of domestic crude oil in April was \$18.49 per barrel, an increase of 18 cents (1.0 percent) from March. The average cost of imported crude oil to U.S. refiners climbed 53 cents (3.0 percent) to 18.35 per barrel.

Motor Gasoline

Total refiner sales of finished motor gasoline in April rose 6.4 million gallons per day (2.0 percent) from March levels, to 327.1 million gallons per day. Wholesale sales climbed 5.9 million gallons per day (2.2 percent), and retail sales rose 500,000 gallons per day (0.9 percent).

Average refiner prices for motor gasoline rose 2.1 cents to 77.8 cents per gallon at the retail level, and 2.4 cents to 67.6 cents per gallon for wholesale. Including data

reported by the sample of motor gasoline marketers, national average company-operated retail outlet prices rose 2.1 cents to 77.6 cents, and 2.9 cents to 74.9 cents per gallon for sales to other end users. Average wholesale prices rose 2.4 cents, to 67.8 cents per gallon.

No. 2 Distillate

Total refiner sales of No. 2 distillate fell 8.7 million gallons per day (6.6 percent) to 122.9 million gallons per day. No. 2 fuel oil sales dropped 9.7 million gallons per day (16.3 percent), and sales of No. 2 diesel fuel rose 1.0 million gallons per day (1.4 percent).

The national average residential price fell 2.8 cents to 92.6 cents per gallon, and the average wholesale price decreased 0.8 cent to 59.3 cents per gallon.

Residual Fuel Oil

Total refiner sales of residual fuel oil decreased 300,000 gallons per day (0.9 percent), to 32.3 million gallons per day. Low-sulfur residual fuel sales accounted for the entire drop, falling to 12.9 million gallons per day (2.3 percent), while high-sulfur sales remained flat at 19.4 million gallons per day.

Residual fuel oil prices were mixed in April. Refiner retail prices climbed 1.0 and 0.6 cent per gallon for low- and high-sulfur residual fuel, respectively. Residual fuel wholesale prices for sales by refiners fell 0.6 cent per gallon for low-sulfur and 1.7 cents per gallon for high-sulfur. Including data reported by the sample of residual fuel oil marketers, average retail prices remained flat for high sulfur, and rose 1.7 cents in the low-sulfur category. Average wholesale prices fell 1.8 cents per gallon in low-sulfur and rose 1.0 cent per gallon for high-sulfur fuel.

Summary Statistics

Table 1. Crude Oil Prices
(Dollars per Barrel)

Year Month	Domestic First Purchase Prices	Average FOB ^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 Average	9.00	13.29	14.35	10.61	14.57	12.46
1979 Average	12.64	20.07	21.45	14.27	21.67	17.72
1980 Average	21.59	32.37	33.67	24.23	33.89	28.07
1981 Average	31.77	35.15	36.47	34.33	37.05	35.24
1982 Average	28.52	32.02	33.18	31.22	33.55	31.87
1983 Average	26.19	27.81	28.93	28.87	29.30	28.99
1984 Average	25.88	27.60	28.54	28.53	28.88	28.63
1985 Average	24.09	25.84	26.67	26.66	26.99	26.75
1986 Average	12.51	12.52	13.49	14.82	14.00	14.55
1987 Average	15.40	16.69	17.65	17.76	18.13	17.90
1988 Average	12.58	13.25	14.08	14.74	14.56	14.67
1989 Average	15.86	16.89	17.68	17.87	18.08	17.97
1990 Average	20.03	20.37	21.13	22.59	21.76	22.22
1991						
January	19.60	19.95	20.86	23.25	22.30	22.85
February	16.28	16.31	17.26	19.55	18.30	19.03
March	15.13	15.89	17.16	18.12	17.58	17.89
April	16.16	16.58	17.78	18.56	18.32	18.46
May	16.44	16.45	17.82	18.98	18.36	18.70
June	15.58	15.81	17.16	18.16	17.78	17.98
July	16.36	16.73	17.84	18.91	18.14	18.57
August	16.60	16.99	18.20	19.10	18.71	18.92
September	16.71	17.48	18.63	19.31	19.00	19.17
October	17.72	18.12	19.03	20.39	19.86	20.16
November	17.12	17.51	18.33	20.01	19.35	19.72
December	14.68	15.11	16.19	17.84	17.17	17.56
1991 Average	16.54	16.89	18.02	19.33	18.70	19.06
1992						
January	13.93	14.30	15.25	16.75	16.10	16.47
February	14.07	14.58	15.52	16.49	16.00	16.28
March	14.12	14.93	15.97	16.81	16.36	16.62
April	15.37	16.53	17.31	17.88	17.37	17.66
May	16.38	17.49	18.32	18.86	18.79	18.83
June	17.95	18.43	19.44	20.13	19.83	19.99
July	17.80	18.00	19.12	20.42	19.74	20.10
August	17.08	17.66	18.72	19.84	19.25	19.56
September	17.20	18.13	18.97	19.88	19.26	19.59
October	17.17	17.75	18.76	19.64	19.34	19.49
November	16.01	16.56	17.67	18.90	18.40	18.66
December	14.94	15.60	16.54	17.85	16.94	17.43
1992 Average	15.98	16.76	17.73	18.63	18.20	18.43
1993						
January	14.64	15.24	16.34	17.40	16.78	17.10
February	15.47	16.09	17.12	17.84	17.41	17.64
March	15.88	16.61	17.58	18.31	17.82	18.08
April	16.08	16.40	17.72	18.49	18.35	18.42

^a FOB = 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.

Note: Values for Domestic First Purchase and Refiner Acquisition for the current month, and for Average FOB and Average Landed for current 2 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 20. Crude oil imports costs -- See "Sources" from Table 21. Refiner acquisition costs -- See "Sources" from Table 19.

Figure 1. Comparison of Crude Oil Prices to U.S. Wholesale Product Prices

Source: Energy Information Administration. Crude Oil: Form EIA-14, "Refiners Monthly Cost Report." Products: Form EIA-782A, "Refiners/Gas Plant Operators Monthly Petroleum Product Sales 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 Fuel Oil	No. 2 Diesel Fuel	Average		
1978 Average	48.4	51.6	38.7	33.5	42.1	40.9	40.0	37.7	39.6	31.1	29.8
1979 Average	71.3	68.9	54.7	35.7	58.5	57.2	51.6	58.5	55.1	47.9	43.6
1980 Average	103.5	108.4	86.8	48.2	90.2	83.4	78.8	81.8	80.4	68.2	60.7
1981 Average	114.7	130.3	102.4	56.5	112.3	103.9	91.4	99.5	95.8	79.7	75.6
1982 Average	106.0	131.2	96.3	59.2	108.9	102.3	90.5	94.2	92.5	75.0	67.6
1983 Average	95.4	125.5	87.8	70.9	96.1	96.2	91.6	82.6	83.9	76.6	65.1
1984 Average	90.7	123.4	84.2	73.7	103.6	92.7	91.6	82.3	83.7	79.6	68.7
1985 Average	91.2	120.1	79.6	71.7	103.0	88.0	84.9	78.9	79.9	77.3	61.0
1986 Average	62.4	101.1	52.9	74.5	79.0	62.0	56.0	47.8	49.1	48.9	34.3
1987 Average	66.9	90.7	54.3	70.1	77.0	60.4	58.1	55.1	55.6	51.3	42.3
1988 Average	67.3	89.1	51.3	71.4	73.8	56.4	54.4	50.0	50.7	46.1	33.4
1989 Average	75.6	99.5	59.2	61.5	70.9	66.1	58.7	58.5	58.5	51.2	38.5
1990 Average	88.3	112.0	76.6	74.5	92.3	81.9	73.4	72.5	72.6	62.2	44.4
1991											
January	88.8	112.1	81.1	86.7	105.0	89.0	84.3	80.5	81.2	75.4	53.4
February	79.5	106.4	73.7	81.4	96.9	77.8	75.2	71.4	72.0	60.2	39.8
March	74.0	101.3	62.1	76.0	88.8	68.4	64.5	61.8	62.2	54.8	32.3
April	77.0	101.2	58.7	67.4	73.8	67.6	61.6	60.6	60.8	54.1	30.2
May	82.0	105.3	60.1	66.7	69.3	65.5	58.9	60.1	59.9	51.5	31.0
June	81.9	105.2	59.2	62.8	62.3	62.8	56.3	57.9	57.7	49.5	29.5
July	78.9	103.6	59.7	61.1	64.7	64.7	59.1	59.5	59.4	50.0	31.2
August	81.1	105.8	63.8	63.6	68.7	68.2	62.3	63.3	63.2	53.6	31.1
September	80.2	105.7	66.6	65.0	73.6	69.7	63.9	64.8	64.7	52.9	30.6
October	77.9	104.6	67.8	68.0	81.6	73.5	68.5	68.0	68.1	58.4	32.3
November	79.1	104.3	69.6	73.7	94.3	76.3	70.9	69.7	69.9	57.5	35.1
December	76.0	102.0	61.5	78.2	85.8	66.3	63.0	60.9	61.2	54.3	33.1
1991 Average	79.7	104.7	65.2	73.0	83.8	74.0	66.5	64.8	65.0	58.0	34.0
1992											
January	71.2	98.5	54.2	74.2	82.7	59.9	59.9	55.5	56.2	50.6	29.1
February	70.2	98.5	56.5	82.6	78.0	63.0	62.0	57.1	57.7	49.6	28.0
March	71.0	98.0	55.5	70.1	79.1	63.0	60.5	56.6	57.1	51.8	27.9
April	74.6	99.1	57.3	73.1	77.9	65.4	60.6	59.1	59.2	49.7	29.7
May	80.3	102.4	61.0	64.2	73.2	67.4	60.9	62.1	62.0	51.7	33.4
June	84.0	106.4	63.9	61.1	68.7	69.3	62.9	64.9	64.7	52.5	34.5
July	83.5	106.8	64.9	59.6	70.6	68.9	62.8	64.5	64.3	51.9	36.7
August	82.3	105.7	64.2	55.1	69.0	68.2	62.3	63.4	63.2	55.3	38.9
September	82.3	104.9	64.6	60.3	70.5	73.2	65.6	65.3	65.3	55.2	37.5
October	81.3	104.2	66.4	60.0	87.3	75.1	68.2	67.8	67.8	57.9	39.2
November	81.4	103.4	62.7	61.1	83.3	72.0	64.3	64.5	64.5	56.3	39.4
December	78.5	101.3	58.9	68.4	84.0	66.6	63.6	60.8	61.2	53.7	36.2
1992 Average	78.4	102.7	61.0	66.2	78.6	66.5	62.7	61.8	61.9	52.6	33.8
1993											
January	76.9	100.3	58.5	74.8	82.4	64.4	62.7	59.0	59.6	52.4	35.3
February	76.1	99.9	59.8	74.3	81.3	66.5	64.6	60.6	61.2	52.4	34.4
March	75.7	99.4	60.6	75.4	83.2	69.2	66.2	62.9	63.3	54.5	35.6
April	77.8	100.7	59.7	69.4	77.0	66.9	61.9	62.5	62.4	54.8	36.3

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

Note: Values shown for the current month are preliminary. Values shown for previous month 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. Energy Information Administration Form EIA-460, "Petroleum Industry Monthly Report for Product Prices," source for backcast estimates prior to January 1983.

Figure 2. U.S. Refiner Retail 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 Fuel Oil	No. 2 Diesel Fuel	Total		
1983 Average	51.1	0.4	30.8	3.1	0.2	0.5	3.7	23.3	27.0	0.7	28.3
1984 Average	57.6	.3	32.9	3.3	.3	.5	4.9	26.3	31.2	.7	32.9
1985 Average	57.5	.3	34.6	3.7	.3	.5	5.0	25.0	29.9	.5	25.2
1986 Average	61.4	.3	34.6	3.6	.3	.4	4.3	24.5	28.8	.6	31.7
1987 Average	61.0	.2	36.8	3.8	.3	.4	4.5	24.1	28.5	.8	29.0
1988 Average	61.0	.2	38.2	4.3	.3	.4	4.6	24.5	29.1	1.1	30.2
1989 Average	61.2	.2	40.1	2.8	.3	.5	4.5	24.3	28.8	.9	30.4
1990 Average	60.3	.2	39.9	2.7	.2	.5	3.6	22.2	25.9	.8	25.9
1991											
January	56.9	.2	37.3	5.0	.4	1.2	4.4	20.3	24.7	1.2	23.4
February	59.4	.2	35.4	3.8	.3	.8	3.6	19.8	23.4	1.0	22.7
March	61.6	.2	35.7	3.1	.2	.5	3.4	20.0	23.4	.8	25.4
April	62.0	.2	38.4	2.8	.2	.3	3.4	21.2	24.6	.7	22.1
May	62.2	.2	39.6	2.1	.1	.2	2.8	21.3	24.1	.4	23.2
June	63.3	.2	38.7	1.9	.2	.2	2.9	21.1	24.0	.5	25.9
July	62.6	.3	39.9	2.2	.2	.3	2.9	21.3	24.2	.6	28.3
August	62.5	.2	41.7	2.3	.3	.3	2.7	22.9	25.6	.5	24.8
September	60.3	.2	39.8	2.8	.1	.3	2.8	22.3	25.0	.5	23.1
October	61.2	.2	39.4	3.3	.2	.5	3.2	23.0	26.2	.4	19.8
November	60.4	.2	38.5	3.7	.2	.7	3.2	20.8	24.1	.6	21.7
December	61.5	.2	38.0	4.0	.3	.9	3.6	19.6	23.2	.7	27.6
1991 Average	61.2	.2	38.5	3.1	.2	.5	3.2	21.1	24.4	.7	24.0
1992											
January	58.1	.2	36.8	4.5	.3	.9	4.0	20.8	24.8	1.0	26.5
February	60.1	.2	37.9	4.2	.3	.7	3.4	20.5	23.9	.8	26.3
March	58.2	.2	38.5	3.4	.2	.4	3.2	22.0	25.2	.8	24.8
April	58.7	.2	39.3	2.5	.1	.3	3.3	22.2	25.5	.5	21.1
May	59.5	.2	39.1	2.0	.1	.2	2.8	21.2	23.9	.4	18.5
June	60.4	.2	41.2	2.8	.1	.2	2.9	22.0	24.9	.2	20.3
July	60.4	.2	42.0	2.4	.1	.3	2.8	21.9	24.8	.5	20.2
August	59.1	.2	42.0	3.1	.1	.2	2.6	21.6	24.2	.3	18.9
September	58.6	.2	41.4	3.4	.2	.3	2.7	22.5	25.2	.4	20.0
October	59.0	.2	40.3	4.3	.2	.4	3.0	22.0	25.1	.5	19.7
November	56.8	.2	39.5	5.4	.2	.6	2.8	20.6	23.4	.5	20.7
December	59.5	.2	38.9	5.9	.3	.9	3.6	20.8	24.4	.9	21.8
1992 Average	59.0	.2	39.8	3.7	.2	.5	3.1	21.5	24.6	.6	21.6
1993											
January	53.8	.1	39.2	4.9	.3	.8	3.4	19.7	23.2	.8	20.6
February	57.3	.2	39.2	5.2	.3	.9	3.7	20.5	24.2	.9	21.6
March	57.6	.2	40.8	4.4	.2	.6	3.4	21.1	24.5	.8	19.4
April	58.1	.2	40.7	3.1	.1	.3	3.0	21.2	24.2	.5	20.2

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

Note: Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual. Totals and averages may not equal the sum of 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 Product Volumes

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 Fuel Oil	No. 2 Diesel Fuel	Average		
1978 Average	43.4	53.7	38.6	23.7	40.4	40.6	36.9	36.5	36.7	30.5	26.3
1979 Average	63.7	72.1	66.0	29.1	62.4	58.3	56.9	57.4	57.1	47.0	39.9
1980 Average	94.1	112.8	86.8	41.5	86.4	88.0	80.3	80.1	80.2	67.0	52.8
1981 Average	106.4	125.0	101.2	46.6	106.6	107.1	97.6	97.2	97.4	78.3	66.3
1982 Average	97.3	122.8	95.3	42.7	101.8	103.8	91.4	91.4	91.4	73.7	61.2
1983 Average	88.2	117.8	85.4	48.4	89.2	89.6	81.5	80.8	81.2	72.6	60.9
1984 Average	83.2	116.5	83.0	45.0	91.6	89.2	82.1	80.3	81.3	70.7	65.4
1985 Average	83.5	113.0	79.4	39.8	87.4	86.3	77.6	77.2	77.4	67.2	57.7
1986 Average	53.1	91.2	49.5	29.0	60.6	57.9	48.6	45.2	47.0	40.9	30.5
1987 Average	58.9	85.9	53.8	25.2	59.2	59.9	52.7	53.4	53.1	46.2	38.5
1988 Average	57.7	85.0	49.5	24.0	54.9	54.9	47.3	47.3	47.3	42.5	30.0
1989 Average	65.4	95.0	56.3	24.7	66.9	66.8	56.5	56.7	56.6	48.0	36.0
1990 Average	78.6	106.3	77.3	38.6	83.9	83.8	69.7	69.4	69.5	59.0	41.3
1991											
January	76.2	111.2	82.0	42.2	88.0	85.7	76.6	75.5	76.1	71.6	50.2
February	68.0	104.2	74.0	31.6	76.1	74.7	67.9	67.4	67.7	60.1	33.4
March	67.3	97.4	62.4	31.3	66.2	66.0	59.6	57.7	58.6	52.9	28.2
April	70.7	97.8	58.9	31.8	63.0	65.4	57.2	57.4	57.3	50.3	28.7
May	74.2	100.3	60.8	31.9	61.4	63.3	56.0	57.2	56.7	47.0	30.3
June	70.5	99.5	58.8	29.3	59.0	58.9	54.0	54.5	54.3	45.3	29.7
July	69.1	98.9	59.4	27.6	62.6	62.4	56.7	57.1	56.9	46.8	28.8
August	72.7	100.2	63.3	29.6	67.1	67.8	60.6	61.9	61.3	49.5	27.9
September	69.1	99.9	65.9	34.9	68.9	69.6	62.1	62.9	62.5	46.6	27.9
October	68.8	98.8	67.1	40.2	73.5	73.6	66.3	65.6	65.9	50.8	29.5
November	69.9	99.5	68.2	43.0	74.6	75.6	66.6	66.5	66.6	54.4	30.7
December	62.9	97.3	60.1	37.7	62.6	64.7	55.9	55.6	55.7	53.4	28.9
1991 Average	69.9	100.1	65.0	34.9	72.2	73.0	62.2	61.5	61.8	55.6	31.4
1992											
January	59.9	94.9	53.9	30.9	60.0	58.3	52.0	51.4	51.7	49.5	24.1
February	61.7	93.1	55.2	30.2	62.2	61.9	54.1	54.1	54.1	48.2	25.1
March	62.4	92.5	54.6	29.4	58.4	62.1	53.6	53.9	53.8	46.5	24.5
April	66.6	96.4	56.5	29.0	61.7	64.2	56.6	57.0	56.8	46.5	27.6
May	71.4	100.4	60.8	29.4	62.3	66.5	58.8	60.1	59.5	48.1	30.5
June	74.1	101.3	63.3	31.5	63.8	69.3	61.8	62.7	62.3	49.5	32.7
July	70.9	101.9	64.9	31.5	65.8	68.2	61.4	61.8	61.6	49.5	34.9
August	70.6	102.4	63.9	32.9	64.3	68.0	60.1	60.4	60.3	49.1	34.6
September	71.0	102.3	64.3	35.4	68.8	71.4	62.7	63.3	63.0	50.1	34.8
October	70.4	100.5	66.0	36.6	70.1	73.6	64.6	65.5	65.1	52.7	37.4
November	68.1	99.7	61.5	36.2	64.5	68.7	58.8	60.4	59.6	52.2	36.0
December	63.8	97.6	58.9	36.3	62.8	63.7	55.7	56.4	56.0	51.6	30.7
1992 Average	67.7	99.1	60.4	32.8	63.2	65.1	57.9	59.0	58.5	49.5	30.7
1993											
January	63.8	96.9	57.7	40.2	61.4	63.2	54.4	54.9	54.6	50.3	31.2
February	63.8	96.5	60.5	36.7	63.7	65.7	56.9	57.4	57.1	49.3	31.1
March	65.2	97.4	60.3	38.2	65.4	67.4	59.0	60.0	59.5	53.8	32.9
April	67.6	97.7	59.9	36.2	60.8	65.4	57.4	59.9	58.7	52.4	33.5

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

Note: Values shown for the current month are preliminary. Values shown for previous month 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. Energy Information Administration Form EIA-460, "Petroleum Industry Monthly Report for Product Prices," source for backcast estimates prior to January 1983.

Figure 4. U.S. Refiner Wholesale 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 Fuel Oil	No. 2 Diesel Fuel	Total		
1983 Average	242.5	0.7	5.4	26.0	2.5	2.4	47.3	38.1	85.5	0.9	20.2
1984 Average	246.3	.8	6.6	26.7	2.2	2.6	51.4	42.8	94.2	1.7	21.3
1985 Average	256.9	.7	7.6	29.2	2.4	2.7	53.9	43.3	97.3	1.2	19.9
1986 Average	257.2	.7	10.1	26.3	2.4	2.4	54.5	46.6	101.1	1.2	18.7
1987 Average	257.2	.8	10.1	27.0	2.3	2.0	49.3	44.3	93.6	1.5	16.9
1988 Average	263.7	.7	10.0	27.7	2.7	2.6	50.1	47.8	97.9	1.2	18.9
1989 Average	260.7	.7	8.6	25.9	2.7	2.7	46.7	50.7	97.5	1.2	21.0
1990 Average	264.8	.7	8.8	25.5	2.2	2.4	45.9	51.9	97.8	.8	17.9
1991											
January	239.9	.5	8.9	33.8	4.4	5.8	61.9	50.3	112.2	.9	19.8
February	244.6	.5	9.7	30.9	3.3	3.2	55.1	47.5	102.6	.7	19.8
March	255.9	.6	8.4	24.8	2.0	1.7	49.3	52.3	101.7	.6	15.4
April	274.3	.7	8.7	21.8	.9	.9	43.8	52.3	96.1	.5	19.5
May	273.6	.8	7.5	19.1	.6	.7	40.4	52.2	92.6	.2	20.4
June	268.4	.9	9.3	19.9	.7	.8	41.8	53.3	95.1	.2	18.9
July	274.1	.9	9.8	23.6	.8	.8	42.7	52.0	94.8	.2	13.0
August	271.4	.9	9.2	23.2	1.0	1.0	42.2	52.8	95.0	.2	18.4
September	257.6	.8	8.2	24.0	1.7	1.5	40.7	52.5	93.2	.3	18.5
October	258.2	.7	7.8	26.2	2.2	2.8	46.5	56.6	103.1	.4	14.4
November	253.7	.5	8.1	27.5	3.2	4.8	43.5	47.0	90.5	.5	15.7
December	262.8	.5	9.0	30.1	3.9	4.5	54.5	48.3	102.8	.6	19.9
1991 Average	261.3	.7	8.7	25.4	2.1	2.4	46.9	51.5	98.3	.4	17.8
1992											
January	248.0	.5	7.4	33.8	4.7	4.5	61.2	49.3	110.5	.8	18.4
February	252.4	.5	8.7	28.2	3.5	3.1	56.0	46.2	102.3	.7	15.1
March	259.6	.7	7.6	24.5	2.7	1.6	51.5	49.5	100.9	.7	18.0
April	272.7	.6	7.7	21.8	1.2	.8	48.2	53.2	101.4	.4	19.9
May	270.5	.8	7.2	19.7	.9	.6	40.3	50.8	91.1	.3	18.2
June	273.2	.8	8.5	20.9	1.0	.6	42.9	50.5	93.3	.1	17.6
July	274.1	1.0	7.9	23.3	.6	.7	38.5	52.7	91.3	.2	16.6
August	265.9	.8	7.7	24.2	1.1	1.0	39.2	50.8	90.0	.2	12.6
September	268.3	.7	7.9	25.6	1.8	1.9	52.2	53.2	105.4	.2	14.3
October	266.6	.6	9.1	27.4	2.6	2.4	45.6	55.7	101.3	.5	13.1
November	261.5	.5	8.7	33.4	2.9	4.0	50.7	48.9	99.6	.5	14.1
December	276.0	.4	8.2	38.0	4.2	6.0	63.6	50.9	114.5	.8	14.4
1992 Average	265.8	.7	8.0	26.7	2.3	2.3	49.1	51.0	100.1	.4	16.0
1993											
January	245.4	.4	9.2	34.2	3.8	5.3	54.2	47.3	101.5	.6	10.1
February	260.3	.5	7.5	35.1	4.3	4.5	57.1	48.9	105.9	.7	14.2
March	263.0	.6	8.6	30.3	3.3	2.5	56.0	51.1	107.1	.8	13.2
April	268.9	.6	7.4	21.6	1.3	.9	46.8	51.9	98.7	.4	12.1

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

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

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

Figure 5. U.S. Refiner Wholesale Product Volumes

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

Figure 6. U.S. Refiner Retail Prices of Selected Products

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

Figure 7. U.S. Refiner Wholesale Prices of Selected Products

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

Table 6. U.S. Refiner Petroleum Product Prices to End Users by Seller
(Cents per Gallon Excluding Taxes)

Product	Major Refiners			Other Refiners			Average		
	Apr. 1993	Mar. 1993	Apr. 1992	Apr. 1993	Mar. 1993	Apr. 1992	Apr. 1993	Mar. 1993	Apr. 1992
Motor Gasoline	78.4	76.3	75.0	76.3	73.9	73.4	77.8	75.7	74.6
Leaded Regular	68.4	68.0	69.8	83.3	80.8	77.2	73.0	71.6	72.3
Unleaded Regular	73.1	71.0	70.3	73.3	71.3	70.4	73.2	71.1	70.4
Unleaded Midgrade	83.1	80.9	78.7	79.8	77.6	76.9	82.5	80.2	78.4
Premium	91.9	90.0	86.6	87.9	81.1	85.3	91.0	87.7	83.3
Aviation Gasoline	101.8	101.2	100.2	83.4	89.4	90.3	100.7	99.4	99.1
Kerosene-Type Jet Fuel	59.7	60.7	57.1	59.8	60.4	58.4	59.7	60.6	57.3
Propane (Consumer Grade)	46.7	51.9	51.2	82.2	85.5	80.2	69.4	75.4	73.1
Kerosene	77.7	87.5	80.2	71.6	69.1	68.3	77.0	83.2	77.9
No. 1 Distillate	64.5	67.4	63.6	71.5	74.6	69.0	66.9	69.2	65.4
No. 2 Distillate	62.1	63.2	59.2	63.7	63.9	59.6	62.4	63.3	59.2
No. 2 Fuel Oil	61.8	63.6	60.3	62.3	64.7	61.2	61.9	66.2	60.6
No. 2 Diesel Fuel	62.2	62.6	59.0	63.9	63.8	59.3	62.5	62.9	59.1
No. 4 Fuel^a	53.7	W	50.2	57.8	57.5	48.7	54.8	54.5	49.7
Residual Fuel Oil	35.1	34.6	28.8	37.9	37.3	31.4	36.3	35.6	29.7
Sulfur Content not > 1 %	45.0	43.0	36.4	42.7	42.2	34.2	43.6	42.6	35.3
Sulfur Content > 1 %	31.9	31.1	26.9	32.9	32.9	28.9	32.2	31.6	27.4

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

W = Withheld to avoid disclosure of individual company data.

Note: Values shown for the current month are preliminary. Values shown for previous month 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 Petroleum Product Prices for Resale by Seller
(Cents per Gallon Excluding Taxes)

Product	Major Refiners			Other Refiners			Average		
	Apr. 1993	Mar. 1993	Apr. 1992	Apr. 1993	Mar. 1993	Apr. 1992	Apr. 1993	Mar. 1993	Apr. 1992
Motor Gasoline	68.7	66.5	67.4	63.5	60.2	63.6	67.6	65.2	66.6
Leaded Regular	66.1	63.7	65.5	68.0	64.4	66.1	66.7	63.9	65.8
Unleaded Regular	65.3	63.0	64.1	62.6	59.3	62.5	64.6	62.0	63.7
Unleaded Midgrade	71.3	69.3	69.1	65.8	62.7	66.2	70.8	68.7	68.8
Premium	78.0	76.1	76.2	68.9	65.6	69.4	76.8	74.7	75.3
Aviation Gasoline	98.7	98.7	97.4	88.7	91.0	87.2	97.7	97.4	96.4
Kerosene-Type Jet Fuel	60.9	61.1	57.2	58.3	58.9	54.9	59.9	60.3	56.5
Propane (Consumer Grade)	36.6	38.5	29.3	35.8	37.8	28.6	36.2	38.2	29.0
Kerosene	63.8	56.8	63.5	57.8	62.1	59.0	60.8	65.4	61.7
No. 1 Distillate	65.1	67.1	64.5	65.7	67.8	63.9	65.4	67.4	64.2
No. 2 Distillate	55.7	59.7	56.9	58.6	59.2	56.6	58.7	59.5	56.8
No. 2 Fuel Oil	57.5	59.3	56.6	57.2	58.6	56.6	57.4	59.0	56.6
No. 2 Diesel Fuel	60.0	60.2	57.2	59.7	59.8	56.7	59.9	60.0	57.0
No. 4 Fuel^a	W	W	W	51.6	55.0	45.8	52.4	53.8	46.5
Residual Fuel Oil	32.5	32.5	28.5	35.4	33.6	27.0	33.5	32.9	27.6
Sulfur Content not > 1 %	39.4	39.9	32.8	37.4	38.0	31.5	38.4	39.0	32.0
Sulfur Content > 1 %	28.6	26.6	26.5	31.5	28.9	24.9	29.2	27.5	25.6

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

W = Withheld to avoid disclosure of individual company data.

Note: Values shown for the current month are preliminary. Values shown for previous month 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 8. U.S. Refiner Petroleum Product Volumes to End Users by Seller
(Thousand Gallons per Day)

Product	Major Refiners			Other Refiners			Total		
	Apr. 1993	Mar. 1993	Apr. 1992	Apr. 1993	Mar. 1993	Apr. 1992	Apr. 1993	Mar. 1993	Apr. 1992
Motor Gasoline	42,597	41,963	42,456	15,551	15,671	16,229	58,148	57,634	58,686
Leaded Regular	387	441	508	173	170	253	560	611	761
Unleaded Regular	26,738	26,337	26,176	11,316	10,849	11,792	38,055	37,186	37,968
Unleaded Midgrade	7,264	7,086	7,162	1,860	1,891	1,799	9,124	8,977	8,961
Premium	8,208	8,099	8,611	2,202	2,760	2,385	10,410	10,859	10,995
Aviation Gasoline	199	163	196	20	29	24	219	192	220
Kerosene-Type Jet Fuel	35,758	35,550	34,534	4,975	5,201	4,765	40,733	40,751	39,299
Propane (Consumer Grade)	1,103	1,318	610	1,955	3,084	1,880	3,058	4,403	2,490
Kerosene	109	180	95	16	55	23	125	236	119
No. 1 Distillate	193	440	191	103	149	96	296	588	287
No. 2 Distillate	19,665	19,743	20,445	4,564	4,778	5,046	24,229	24,521	25,491
No. 2 Fuel Oil	2,421	2,655	2,474	558	766	776	2,979	3,421	3,250
No. 2 Diesel Fuel	17,244	17,088	17,971	4,006	4,012	4,270	21,250	21,100	22,241
No. 4 Fuel*	347	W	362	126	W	169	473	821	531
Residual Fuel Oil	11,637	12,363	14,453	8,575	7,081	6,629	20,212	19,444	21,082
Sulfur Content not > 1 %	2,818	3,646	2,929	4,381	3,370	3,112	7,199	7,016	6,042
Sulfur Content > 1 %	8,819	8,717	11,523	4,195	3,711	3,517	13,013	12,428	15,040

* Includes No. 4 fuel oil and No. 4 diesel fuel.

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

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

Table 9. U.S. Refiner Petroleum Product Volumes for Resale by Seller
(Thousand Gallons per Day)

Product	Major Refiners			Other Refiners			Total		
	Apr. 1993	Mar. 1993	Apr. 1992	Apr. 1993	Mar. 1993	Apr. 1992	Apr. 1993	Mar. 1993	Apr. 1992
Motor Gasoline	211,800	205,415	212,563	57,105	57,614	60,115	268,904	263,029	272,677
Leaded Regular	2,217	2,112	2,954	1,071	977	1,435	3,289	3,089	4,389
Unleaded Regular	138,581	134,455	137,360	46,862	47,835	49,172	185,443	182,290	186,532
Unleaded Midgrade	25,433	24,679	25,304	2,687	2,521	2,368	28,120	27,200	27,672
Premium	45,569	44,169	46,945	6,484	6,281	7,139	52,053	50,450	54,085
Aviation Gasoline	541	499	571	63	95	66	604	594	637
Kerosene-Type Jet Fuel	4,703	5,617	5,316	2,720	2,974	2,364	7,423	8,591	7,680
Propane (Consumer Grade)	11,691	17,032	12,754	9,951	13,237	9,035	21,642	30,269	21,789
Kerosene	660	2,314	755	667	999	474	1,327	3,313	1,229
No. 1 Distillate	413	1,343	376	471	1,128	459	885	2,471	835
No. 2 Distillate	60,411	66,587	62,754	38,263	40,525	38,662	98,674	107,112	101,416
No. 2 Fuel Oil	30,157	36,330	30,572	16,601	19,652	17,609	46,758	55,982	48,181
No. 2 Diesel Fuel	30,254	30,257	32,182	21,662	20,873	21,053	51,916	51,130	53,235
No. 4 Fuel*	W	W	W	W	W	W	422	781	403
Residual Fuel Oil	7,719	7,859	8,543	4,384	5,323	11,400	12,103	13,182	19,943
Sulfur Content not > 1 %	2,780	3,470	2,681	2,940	2,748	3,681	5,720	6,218	6,362
Sulfur Content > 1 %	4,939	4,388	5,863	1,444	2,575	7,719	6,383	6,963	13,581

* Includes No. 4 fuel oil and No. 4 diesel fuel.

W = Withheld to avoid disclosure of individual company data.

Note: Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual. Totals may not equal the sum of 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 Total Motor Gasoline Prices, Volumes, and Percentages by Seller

Sales Type Month	Major Refiners			Other Refiners			Total		
	Average Price (cents per gallon)	Volume (million gallons)	Percentage (by sales type)	Average Price (cents per gallon)	Volume (million gallons)	Percentage (by sales type)	Average Price (cents per gallon)	Volume (million gallons)	Percentage (by sales type)
All Sales									
April 1993	70.3	7,632	100.0	66.3	2,180	100.0	69.4	9,812	100.0
March 1993	68.2	7,669	100.0	63.1	2,272	100.0	67.0	9,941	100.0
April 1992	68.7	7,651	100.0	65.7	2,290	100.0	68.0	9,941	100.0
Sales to End Users									
April 1993	78.4	1,278	16.7	76.3	467	21.4	77.8	1,744	17.8
March 1993	76.3	1,301	17.0	73.9	486	21.4	75.7	1,787	18.0
April 1992	75.0	1,274	16.6	73.4	487	21.3	74.6	1,761	17.7
Through Company Outlets									
April 1993	78.8	1,224	16.0	76.7	446	20.5	78.3	1,670	17.0
March 1993	76.9	1,244	16.2	74.3	466	20.5	76.2	1,710	17.2
April 1992	75.4	1,214	15.9	73.8	464	20.3	75.0	1,678	16.9
Other End Users									
April 1993	68.1	54	.7	67.0	20	.9	67.8	75	.8
March 1993	65.0	56	.7	64.4	20	.9	64.8	76	.8
April 1992	67.5	60	.8	66.5	22	1.0	67.2	83	.8
Sales for Resale									
April 1993	68.7	6,354	83.3	63.5	1,713	78.6	67.6	8,067	82.2
March 1993	66.5	6,368	83.0	60.2	1,786	78.6	65.2	8,154	82.0
April 1992	67.4	6,377	83.4	63.6	1,803	78.7	66.6	8,180	82.3

Note: Values shown represent the percentage of major refiners (100 percent) or other refiners and gas plant operators (100 percent) sales by sales type. The sum of sales to end users and sales for resale is 100 percent for each seller type.

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

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

Figure 8. Percentages of Refiner Total Motor Gasoline Sales, U.S. Average

Source: Energy Information Administration, Form EIA-782A, "Refiners/Gas Plant Operators Monthly Petroleum Product Sales Report," providing April 1993 data.

Table 11. U.S. Refiner Motor Gasoline Prices by Grade and Sales Type
(Cents per Gallon Excluding Taxes)

Year Month	Leaded Regular			Unleaded Regular			Unleaded Midgrade			Premium		
	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
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
1983 Average	91.2	88.1	85.0	98.0	91.5	89.5	NA	NA	NA	108.0	96.1	96.4
1984 Average	85.1	82.8	79.5	92.2	86.5	84.2	NA	NA	NA	102.1	93.7	91.6
1985 Average	84.6	82.0	79.3	92.5	86.1	84.3	NA	NA	NA	103.0	92.8	92.2
1986 Average	57.8	54.4	50.1	62.4	54.9	52.2	NA	NA	NA	74.8	63.0	61.0
1987 Average	62.3	57.4	56.5	65.9	56.4	56.9	NA	NA	NA	79.0	65.4	67.1
1988 Average	62.4	55.5	54.8	64.9	55.0	54.8	NA	NA	NA	79.4	64.9	67.2
1989 Average	71.6	64.4	63.1	72.0	62.9	61.8	79.6	69.5	68.6	87.4	73.7	74.9
1990 Average	83.4	76.8	75.4	85.3	77.5	75.8	92.3	84.0	81.4	99.0	87.3	87.4
1991												
January	86.6	75.8	75.1	85.9	76.2	73.5	93.2	81.1	79.2	100.6	86.2	85.5
February	76.2	66.7	65.2	76.5	68.6	65.5	83.7	73.0	71.2	90.9	77.6	77.4
March	66.1	63.4	59.2	70.9	67.0	65.1	78.5	70.4	70.7	85.0	75.2	75.5
April	66.5	67.3	62.4	73.9	70.5	68.6	82.2	74.8	74.1	88.3	78.8	79.1
May	72.0	73.2	67.6	78.9	73.9	71.7	87.3	78.5	77.7	93.5	82.8	83.4
June	72.7	67.3	65.3	78.8	70.5	67.6	87.3	74.4	74.2	93.3	79.2	80.4
July	68.5	66.6	62.9	75.5	68.5	66.3	84.6	72.5	72.6	90.6	76.9	78.6
August	70.3	70.8	67.2	77.6	72.1	69.9	86.8	76.0	76.1	92.9	80.4	81.9
September	72.0	69.3	67.6	76.7	68.8	66.0	85.7	73.4	72.4	91.9	77.9	79.2
October	70.4	68.3	66.1	74.4	67.8	65.9	83.1	70.9	71.7	89.8	76.1	78.2
November	70.1	70.2	66.3	75.6	68.2	66.9	84.1	73.6	73.0	90.6	76.9	79.3
December	69.5	66.2	62.0	72.3	61.6	59.5	80.5	67.0	66.7	88.1	70.0	73.0
1991 Average	71.7	69.0	65.7	76.4	69.6	67.2	84.7	73.8	73.3	91.2	78.2	79.2
1992												
January	66.8	63.6	56.2	67.2	57.3	56.5	75.6	60.7	63.6	83.9	66.5	70.1
February	66.3	64.9	58.4	66.1	59.7	58.4	74.4	61.2	65.0	82.9	69.1	71.5
March	67.9	74.4	60.3	66.9	61.5	59.4	75.1	63.7	64.9	83.5	70.5	71.6
April	72.3	70.1	65.8	70.6	65.4	63.7	78.7	68.9	68.8	86.8	74.4	75.3
May	80.7	76.7	73.2	76.5	70.4	68.4	84.1	74.6	73.8	92.3	80.4	80.6
June	85.0	79.2	76.6	80.4	72.8	71.1	87.9	76.7	76.7	96.2	82.4	83.3
July	86.9	78.4	77.3	79.4	70.3	67.6	87.7	73.3	73.7	96.8	79.2	80.5
August	85.7	77.0	74.9	78.2	69.0	67.3	86.6	72.4	73.3	95.8	78.2	80.2
September	83.5	75.8	73.8	78.3	70.5	67.8	86.8	74.1	74.0	95.7	79.8	80.9
October	84.0	77.1	73.1	77.3	69.2	67.1	85.5	72.9	73.4	94.7	78.3	80.1
November	84.2	82.3	71.8	77.3	67.6	64.4	85.8	70.9	72.2	95.1	76.5	78.8
December	81.0	73.8	65.2	74.3	62.4	60.0	82.9	66.1	68.2	92.5	71.7	74.4
1992 Average	78.5	74.2	69.3	74.5	66.3	64.4	82.6	69.1	70.7	91.2	75.6	77.3
1993												
January	78.4	70.6	63.3	72.6	61.6	60.2	81.6	66.1	68.1	90.6	70.9	74.2
February	75.9	71.2	64.4	71.9	62.1	60.4	80.8	66.4	67.5	88.6	71.7	73.3
March	71.6	72.6	63.9	71.5	62.9	62.0	80.7	67.3	68.7	88.3	71.6	74.7
April	73.0	76.4	66.7	73.5	65.8	64.6	82.9	70.0	70.8	91.7	75.1	76.8

NA = Not available.

Note: Values shown for the current month are preliminary. Values shown for previous month 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 12. U.S. Refiner Motor Gasoline Volumes by Grade and Sales Type
(Million Gallons per Day)

Year Month	Leaded Regular			Unleaded Regular			Unleaded Midgrade			Premium		
	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
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
1983 Average	17.3	4.1	115.4	20.0	3.6	98.3	NA	NA	NA	5.0	1.2	28.7
1984 Average	17.5	3.1	105.8	24.3	3.5	106.8	NA	NA	NA	8.5	.7	33.7
1985 Average	15.0	2.7	99.2	26.2	3.6	119.7	NA	NA	NA	9.2	.7	38.0
1986 Average	14.4	2.3	84.9	30.9	3.9	128.1	NA	NA	NA	9.0	.9	45.0
1987 Average	11.8	1.4	62.3	32.7	3.4	141.9	NA	NA	NA	11.2	.5	53.0
1988 Average	8.7	.7	47.7	34.2	3.1	153.6	NA	NA	NA	13.8	.6	62.4
1989 Average	4.7	.4	27.8	34.3	2.5	155.7	4.9	0.2	16.4	13.5	.7	60.8
1990 Average	2.1	.1	13.6	36.7	2.1	174.5	7.4	.2	23.1	11.2	.5	53.7
1991												
January	1.6	.1	9.0	36.5	2.0	168.2	7.0	.3	20.8	9.0	.4	42.0
February	1.7	.1	8.3	38.1	1.7	172.2	7.4	.2	20.9	10.0	.3	43.2
March	1.7	.0	9.0	39.1	1.9	178.9	7.6	.3	21.9	10.5	.4	46.0
April	1.8	.1	9.9	39.2	2.2	193.3	7.7	.2	23.3	10.3	.4	47.8
May	1.8	.1	9.4	39.4	2.2	191.2	7.9	.3	24.4	10.2	.4	48.6
June	1.8	.1	9.5	39.8	2.0	185.3	8.1	.3	24.4	10.8	.4	49.2
July	1.8	.0	9.8	38.9	2.0	187.9	8.2	.3	25.3	11.0	.4	51.0
August	1.8	.0	9.6	39.2	2.0	185.3	8.1	.3	25.4	10.8	.4	51.0
September	1.7	.0	8.3	37.5	2.0	177.8	7.9	.2	23.1	10.6	.4	48.3
October	1.5	.1	8.2	37.9	2.1	175.1	8.1	.3	24.0	10.8	.4	50.9
November	1.3	.0	6.2	37.1	2.1	173.9	8.4	.2	24.3	10.9	.4	49.3
December	1.1	.0	4.4	37.5	1.9	181.1	9.0	.2	25.9	11.2	.4	51.4
1991 Average	1.6	.1	8.5	38.4	2.0	180.9	7.9	.3	23.7	10.5	.4	48.3
1992												
January	.7	.0	3.7	35.3	1.9	169.2	8.7	.3	25.7	10.7	.4	49.5
February	.8	.0	3.8	36.6	1.9	172.7	9.0	.4	26.0	11.0	.4	49.9
March	.8	.0	4.0	35.5	2.0	177.5	8.5	.4	26.9	10.6	.4	51.2
April	.7	.0	4.4	36.0	2.0	186.5	8.6	.3	27.7	10.6	.4	54.1
May	.7	.0	4.3	36.7	1.9	185.9	8.9	.3	27.4	10.5	.4	52.9
June	.8	.0	4.5	37.7	1.9	188.0	8.9	.3	28.2	10.3	.4	52.5
July	.7	.0	4.4	37.5	1.8	187.9	9.1	.3	28.8	10.5	.4	53.0
August	.7	.0	4.3	37.1	1.7	182.2	8.9	.3	28.0	10.1	.4	51.4
September	.7	.0	4.1	37.0	1.7	187.2	8.7	.3	27.4	9.9	.4	49.6
October	.7	.0	3.9	37.0	1.7	182.8	8.8	.3	28.0	10.1	.4	51.9
November	.6	.0	3.3	35.6	1.6	180.4	8.6	.3	27.0	9.8	.4	50.7
December	.6	.0	3.1	37.1	1.6	189.7	9.1	.3	28.7	10.4	.4	54.6
1992 Average	.7	.0	4.0	36.6	1.8	182.5	8.8	.3	27.5	10.4	.4	51.8
1993												
January	.5	.0	2.8	33.4	1.5	169.1	8.3	.3	25.5	9.6	.3	48.1
February	.6	.0	2.9	35.1	1.7	178.6	8.7	.3	26.9	10.6	.4	51.8
March	.6	.0	3.1	35.4	1.8	182.3	8.7	.3	27.2	10.5	.4	50.4
April	.6	.0	3.3	36.3	1.8	185.4	8.8	.3	28.1	10.0	.4	52.1

NA = Not available.

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

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

Figure 9. U.S. Refiner Total Motor Gasoline Sales Volumes

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

Table 13. U.S. Refiner Total Motor Gasoline Prices by Seller
(Cents per Gallon Excluding Taxes)

Year Month	Major Refiners			Other Refiners			Average		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
1978 Average	49.4	46.2	43.8	48.2	45.8	42.1	48.9	46.1	43.4
1979 Average	72.8	68.0	64.3	71.0	67.5	61.8	72.1	67.9	63.7
1980 Average	105.6	98.7	95.1	103.0	97.8	91.3	104.6	98.5	94.1
1981 Average	117.0	109.4	107.5	114.2	108.4	103.2	115.9	109.2	106.4
1982 Average	108.2	101.1	98.3	105.6	100.2	94.3	107.2	100.9	97.3
1983 Average	97.0	90.6	89.0	95.2	89.7	85.6	96.4	90.5	88.2
1984 Average	92.0	85.7	84.2	90.0	84.9	80.2	91.4	85.6	83.2
1985 Average	93.0	85.7	84.7	89.8	83.5	79.9	92.1	85.2	83.5
1986 Average	64.1	57.6	54.4	61.2	52.7	48.7	63.2	55.8	53.1
1987 Average	68.7	59.2	60.1	65.3	55.2	55.0	67.8	57.5	58.9
1988 Average	69.2	57.8	59.3	65.2	54.1	52.7	68.1	56.4	57.7
1989 Average	77.1	66.2	66.8	73.5	63.3	60.8	76.3	65.2	65.4
1990 Average	89.4	79.6	80.0	87.0	80.0	74.0	88.8	79.7	78.6
1991									
January	89.8	78.0	77.4	88.0	78.5	72.0	89.3	78.1	76.2
February	80.5	70.3	69.0	78.4	70.1	64.4	79.9	70.3	68.0
March	74.7	68.6	67.6	72.8	68.4	65.7	74.2	68.5	67.3
April	77.6	72.3	71.0	76.3	71.4	69.5	77.3	72.1	70.7
May	82.8	75.8	75.0	81.0	75.2	71.2	82.3	75.7	74.2
June	82.9	72.0	71.7	80.6	72.1	66.2	82.3	72.1	70.5
July	79.9	69.9	69.9	77.7	70.7	66.0	79.3	70.1	69.1
August	82.1	73.5	73.5	79.5	74.4	69.5	81.4	73.7	72.7
September	81.2	70.8	70.4	79.0	69.9	64.6	80.6	70.6	69.1
October	78.8	69.1	69.7	77.2	70.3	65.3	78.4	69.4	68.8
November	79.7	70.2	71.0	78.9	69.8	65.9	79.5	70.1	69.9
December	76.9	63.5	64.4	75.4	63.4	57.2	76.5	63.5	62.9
1991 Average	80.5	71.3	70.9	78.7	71.1	66.5	80.0	71.3	69.9
1992									
January	72.5	58.8	61.4	69.7	60.4	54.3	71.8	59.2	59.9
February	71.3	61.5	63.0	68.7	61.0	56.9	70.6	61.4	61.7
March	72.0	63.1	63.4	69.6	63.7	59.1	71.4	63.2	62.4
April	75.4	67.5	67.4	73.8	66.5	63.6	75.0	67.2	66.6
May	81.1	72.5	72.5	79.4	72.2	67.7	80.6	72.5	71.4
June	84.9	74.7	75.3	83.1	74.9	69.8	84.4	74.8	74.1
July	84.5	71.3	72.3	82.6	74.2	65.7	84.0	72.1	70.9
August	83.3	70.2	71.9	81.2	72.7	65.4	82.7	70.9	70.6
September	83.2	71.9	72.3	81.5	74.2	66.2	82.8	72.5	71.0
October	82.3	71.1	72.0	80.4	71.3	64.9	81.8	71.1	70.4
November	82.7	69.4	70.4	79.9	70.0	60.3	81.9	69.6	68.1
December	79.9	64.5	66.0	76.5	64.1	55.8	79.0	64.4	63.8
1992 Average	79.5	68.0	69.1	77.3	68.6	62.5	78.9	68.1	67.7
1993									
January	78.1	63.7	65.7	75.3	63.3	56.6	77.4	63.6	63.8
February	77.4	64.5	65.5	74.4	63.3	57.4	76.6	64.2	63.8
March	76.9	65.0	66.5	74.3	64.4	60.2	76.2	64.8	65.2
April	78.8	68.1	68.7	76.7	67.0	63.5	78.3	67.8	67.6

Note: Values shown for the current month are preliminary. Values shown for previous month 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. Energy Information Administration Form EIA-460, "Petroleum Industry Monthly Report for Product Prices," source for backcast estimates prior to January 1983.

Table 14. U.S. Refiner Total Motor Gasoline Volumes by Seller
(Million Gallons per Day)

Year Month	Major Refiners			Other Refiners			Total		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
1983 Average	27.1	8.0	185.6	15.1	0.8	56.8	42.3	8.8	242.5
1984 Average	34.5	6.3	188.2	15.8	1.0	58.1	50.3	7.3	246.3
1985 Average	35.8	5.4	194.7	14.7	1.6	62.1	50.5	7.0	256.9
1986 Average	38.3	4.5	196.2	16.0	2.7	61.1	54.2	7.1	257.2
1987 Average	40.2	3.1	198.5	15.5	2.2	58.7	55.7	5.3	257.2
1988 Average	40.9	2.8	199.9	15.8	1.6	63.8	56.7	4.4	263.7
1989 Average	44.1	2.4	200.9	13.4	1.3	59.8	57.5	3.8	260.7
1990 Average	43.2	2.4	204.7	14.2	.6	60.1	57.4	3.0	264.8
1991									
January	40.0	2.1	185.7	14.2	.6	54.3	54.2	2.8	239.9
February	42.4	1.7	191.1	14.7	.6	53.5	57.1	2.3	244.6
March	44.1	2.0	204.0	14.8	.7	51.9	58.9	2.6	255.9
April	43.5	2.2	214.0	15.5	.8	60.3	59.0	3.0	274.3
May	43.9	2.4	214.2	15.3	.7	59.4	59.2	3.0	273.6
June	45.2	2.1	210.5	15.4	.7	57.9	60.6	2.8	268.4
July	44.1	2.0	216.9	15.7	.8	57.2	59.8	2.8	274.1
August	44.4	2.0	213.2	15.4	.7	58.2	59.8	2.7	271.4
September	42.9	1.9	199.2	14.8	.7	58.3	57.7	2.6	257.6
October	42.9	2.1	206.0	15.3	.8	52.1	58.3	2.9	258.2
November	43.2	2.0	199.4	14.4	.8	54.4	57.7	2.8	253.7
December	44.4	2.0	208.1	14.5	.7	54.8	58.9	2.6	262.8
1991 Average	43.4	2.0	205.3	15.0	.7	56.0	58.4	2.7	261.3
1992									
January	41.0	1.9	195.9	14.5	.7	52.2	55.5	2.6	248.0
February	42.7	2.0	197.6	14.7	.7	54.8	57.4	2.7	252.4
March	40.7	2.0	200.1	14.7	.7	59.5	55.4	2.8	259.6
April	40.5	2.0	212.6	15.5	.7	60.1	55.9	2.8	272.7
May	41.8	2.0	211.0	15.0	.7	59.4	56.8	2.6	270.5
June	42.6	2.0	214.5	15.1	.6	58.7	57.7	2.6	273.2
July	42.3	1.8	216.3	15.6	.7	57.8	57.9	2.5	274.1
August	41.8	1.7	210.9	14.9	.6	55.0	56.7	2.3	265.9
September	41.6	1.7	210.6	14.6	.6	57.7	56.2	2.4	268.3
October	41.2	1.8	206.8	15.3	.7	59.8	56.6	2.4	266.6
November	40.0	1.6	202.8	14.5	.6	58.7	54.5	2.3	261.5
December	41.9	1.7	215.0	15.3	.6	61.0	57.2	2.3	276.0
1992 Average	41.5	1.9	207.9	15.0	.7	57.9	56.5	2.5	265.8
1993									
January	37.9	1.6	194.8	13.8	.5	50.7	51.8	2.1	245.4
February	39.9	1.7	205.4	15.0	.6	54.9	55.0	2.3	260.3
March	40.1	1.8	205.4	15.0	.6	57.6	55.2	2.5	263.0
April	40.8	1.8	211.8	14.9	.7	57.1	55.7	2.5	268.9

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

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

Table 15. U.S. No. 2 Distillate Prices
(Cents per Gallon Excluding Taxes)

Year Month	Sales to End Users						Sales for Resale
	To Residential Consumers ^a	To Commercial/ Institutional Consumers	To Industrial Consumers	Sales Through Company Outlets ^b	To Other End Users ^c	Average	
1983 Average	107.8	86.3	88.3	94.3	89.7	93.3	81.8
1984 Average	109.1	85.7	87.0	92.0	89.2	92.6	81.9
1985 Average	105.3	82.1	83.4	88.6	85.3	89.0	78.1
1986 Average	83.6	51.4	53.7	59.8	56.9	61.4	48.0
1987 Average	80.3	56.6	59.7	64.4	63.1	64.3	53.5
1988 Average	81.3	51.9	54.2	61.6	58.7	61.2	48.2
1989 Average	90.0	60.8	63.8	68.5	66.7	69.5	57.2
1990 Average	106.3	75.1	78.0	85.2	82.8	84.1	70.6
1991							
January	117.1	84.1	85.0	90.6	89.2	96.3	76.9
February	110.5	75.1	76.3	81.1	79.3	86.8	68.7
March	102.6	65.2	67.0	72.0	71.7	76.3	59.9
April	96.9	63.0	65.8	70.4	71.0	71.3	58.0
May	92.5	61.7	64.2	69.9	70.3	68.0	57.3
June	89.3	59.6	62.1	67.8	68.1	65.2	55.1
July	86.6	61.4	64.3	68.5	69.1	66.4	57.6
August	87.0	64.9	68.1	72.0	72.5	69.8	61.8
September	89.7	66.6	70.5	73.9	74.9	72.4	63.1
October	94.0	70.2	73.2	76.3	77.8	76.3	66.5
November	98.0	71.6	74.4	78.9	77.3	79.5	66.9
December	95.9	63.3	65.8	74.1	69.4	75.1	56.6
1991 Average	101.9	67.5	69.7	74.5	73.8	76.0	62.7
1992							
January	94.1	59.1	60.9	67.6	65.0	72.6	52.7
February	94.1	61.0	62.7	67.0	66.4	72.9	54.9
March	93.0	60.0	62.6	67.0	67.3	70.9	54.5
April	92.5	61.8	65.6	69.0	70.0	70.3	57.5
May	92.3	64.1	67.9	71.7	73.3	70.9	60.1
June	92.2	66.4	70.4	73.9	74.3	72.0	62.7
July	90.4	65.7	69.9	74.2	73.6	71.3	62.1
August	88.6	64.7	68.7	73.4	73.3	70.5	60.9
September	90.1	67.2	70.9	73.9	75.7	73.1	63.5
October	93.8	69.0	72.7	75.8	77.5	76.2	65.4
November	94.9	65.6	69.0	74.5	73.3	75.0	60.3
December	94.6	63.0	65.9	71.8	69.8	74.9	57.0
1992 Average	93.4	63.9	67.5	71.8	72.1	72.6	59.1
1993							
January	94.3	61.6	64.3	70.3	68.4	74.2	55.7
February	94.6	63.5	65.7	70.2	69.9	75.7	58.1
March	95.4	65.3	67.8	72.2	71.7	76.1	60.1
April	92.6	63.8	69.0	72.5	72.4	72.3	59.3

^a No. 2 fuel oil only.

^b No. 2 diesel fuel only.

^c Sales to "other end users" are all end-user sales not included in the other end-user categories shown, e.g., sales to agricultural customers or utilities.

Note: Values shown for the current month are preliminary. Values shown for previous month 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," and EIA-782B, "Reseller/Retailers' Monthly Petroleum Product Sales Report."

Figure 10. U.S. No. 2 Distillate Average Retail Prices

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

**Table 16. Prices of No. 2 Distillate to Residences
by Selected States**
(Cents per Gallon Excluding Taxes)

Year Month	CT	ME	MA	NH	RI	VT	DE	DC	MD	NJ	NY	PA	VA
1978 Average	50.1	48.6	48.8	50.3	50.7	50.8	47.8	50.7	49.2	49.6	50.1	48.8	49.1
1979 Average	72.0	68.8	70.9	72.5	72.8	72.5	68.2	74.2	70.1	71.0	71.2	69.8	70.4
1980 Average	98.3	96.3	97.8	100.4	101.1	101.5	95.4	102.6	97.9	97.9	98.2	96.4	98.5
1981 Average	121.7	120.4	121.3	123.7	123.8	125.4	117.3	127.4	121.4	121.5	123.2	118.1	120.5
1982 Average	118.3	115.5	117.6	117.4	120.1	120.1	111.3	124.5	117.1	117.4	120.5	113.7	117.7
1983 Average	109.1	102.8	109.1	104.1	110.5	112.9	106.0	117.0	110.3	107.9	112.1	105.8	108.7
1984 Average	112.1	103.9	111.6	108.4	111.4	111.9	109.6	118.7	113.5	111.0	115.5	107.9	110.5
1985 Average	108.0	99.7	107.0	102.4	106.7	107.7	104.6	114.3	108.8	105.9	111.3	102.3	106.3
1986 Average	89.0	74.4	82.1	75.9	82.8	86.6	85.0	93.1	91.4	90.2	91.1	81.4	86.6
1987 Average	83.4	74.7	80.6	76.5	82.5	81.1	79.3	91.8	86.6	84.3	85.2	76.9	79.5
1988 Average	85.3	77.7	82.1	78.2	83.6	82.6	80.1	91.6	87.0	84.8	86.3	77.8	80.5
1989 Average	92.9	89.4	92.6	89.3	93.9	90.5	88.2	98.6	93.8	91.8	95.8	85.1	87.0
1990 Average	109.8	98.9	108.4	102.8	108.6	107.0	105.8	107.8	111.9	108.7	112.5	102.6	110.6
1991													
January	122.5	114.4	118.1	107.2	113.3	117.7	113.0	124.1	122.0	119.6	124.6	117.7	117.2
February	116.0	105.9	111.3	100.7	109.5	111.3	105.4	118.6	116.1	113.2	120.2	110.9	110.3
March	109.0	95.4	102.6	90.5	101.8	104.4	98.4	112.3	107.7	104.3	112.8	101.8	102.4
April	101.4	87.1	96.1	83.9	94.7	98.5	92.3	105.6	102.7	98.6	106.7	95.5	96.1
May	96.5	81.9	91.7	79.4	89.7	93.5	91.5	101.1	98.7	94.4	101.2	89.9	90.7
June	92.7	79.6	88.9	77.3	87.1	91.3	84.0	95.3	96.2	90.3	98.1	85.7	87.8
July	90.0	82.3	88.5	77.6	88.8	88.1	81.5	98.6	93.7	88.5	93.9	80.8	86.9
August	89.7	83.4	88.7	80.6	88.7	88.6	86.0	98.6	94.0	89.0	93.0	81.8	87.5
September	92.0	87.3	90.9	84.2	90.3	91.9	87.3	101.7	96.8	92.2	98.7	83.4	90.4
October	96.3	91.3	94.9	87.8	94.9	93.9	92.8	104.0	100.1	96.9	103.3	88.8	93.6
November	99.8	95.1	97.5	90.1	95.8	95.7	96.9	107.3	103.2	100.7	108.1	93.6	97.0
December	98.3	89.3	95.8	88.8	93.4	94.1	94.9	107.7	102.6	96.6	105.7	93.1	95.2
1991 Average	106.2	96.0	103.0	91.6	99.9	101.9	99.7	112.2	108.4	104.0	111.3	99.7	101.1
1992													
January	96.4	87.6	93.1	88.3	90.4	92.4	94.4	107.3	101.5	95.8	103.3	91.4	94.2
February	95.5	88.1	92.3	86.5	91.8	92.8	92.7	107.3	100.8	95.3	103.7	91.3	93.7
March	94.0	86.4	91.5	83.4	90.9	92.2	92.4	105.3	100.2	93.1	102.0	89.9	93.7
April	93.0	85.5	91.4	81.9	90.4	91.7	91.5	104.7	99.1	92.8	101.1	89.3	92.6
May	92.9	85.5	91.0	81.7	90.6	91.5	90.2	102.4	97.2	89.2	101.1	88.4	91.7
June	91.8	86.9	91.3	82.9	89.7	90.8	91.4	102.8	97.5	90.4	102.2	86.3	90.2
July	93.0	87.7	90.4	82.3	89.9	89.0	90.6	102.0	95.8	91.0	100.6	82.8	90.3
August	91.1	87.8	89.6	81.8	89.4	89.5	89.5	101.9	95.2	88.2	98.9	81.7	88.5
September	92.1	86.8	90.7	83.0	89.8	91.8	90.4	101.2	95.7	90.8	99.6	84.4	89.5
October	94.9	89.3	93.6	87.6	92.7	92.1	94.6	104.0	98.8	94.0	102.9	87.5	92.0
November	95.8	88.3	93.8	87.6	92.5	92.8	92.8	105.7	100.4	94.7	104.6	89.6	92.1
December	95.2	85.7	93.6	87.7	91.5	93.0	91.0	105.4	100.3	95.6	104.3	89.2	93.6
1992 Average	94.7	87.1	92.5	85.6	91.1	92.2	92.4	105.7	99.9	93.9	102.8	88.9	92.9
1993													
January	94.9	85.2	94.0	87.1	91.7	93.4	90.8	105.2	100.5	96.5	104.3	89.0	92.4
February	96.2	85.4	94.4	87.0	91.8	93.3	90.8	106.8	101.3	96.7	104.2	89.1	93.5
March	96.7	86.5	94.8	86.6	92.4	93.7	92.4	108.5	101.6	96.2	104.2	89.8	94.2
April	93.8	83.1	91.3	84.9	90.3	91.2	91.6	105.8	99.4	95.3	100.4	89.1	89.8

See footnotes at end of table.

**Table 16. Prices of No. 2 Distillate to Residences
by Selected States (Continued)**
(Cents per Gallon Excluding Taxes)

Year Month	WV	IL	IN	MI	MN	OH	WI	ID	AK	OR	WA	U.S. Average
1978 Average	46.2	46.5	48.5	47.9	47.8	47.4	44.7	43.6	53.2	45.8	48.6	49.0
1979 Average	65.1	68.8	72.7	70.9	72.4	68.6	67.3	62.1	66.2	68.0	69.7	70.4
1980 Average	92.2	95.8	99.6	97.8	99.9	91.9	91.5	91.6	97.8	97.3	100.8	97.4
1981 Average	115.0	114.9	118.5	118.3	118.4	113.2	109.1	110.4	118.0	111.4	116.5	119.4
1982 Average	109.3	110.9	114.3	113.9	115.1	110.2	107.8	110.4	117.4	111.6	117.6	116.0
1983 Average	101.0	100.4	100.7	106.4	103.1	101.3	101.2	101.8	108.8	103.6	109.0	107.8
1984 Average	102.1	100.1	103.1	105.0	104.1	102.1	101.0	98.5	106.9	99.3	102.6	109.1
1985 Average	98.0	97.5	99.1	102.1	101.9	99.7	98.3	97.2	108.3	97.1	101.1	105.3
1986 Average	74.6	NA	74.8	81.0	79.2	77.7	75.6	73.8	94.9	70.4	77.5	83.6
1987 Average	76.4	79.8	75.4	77.5	74.6	74.7	75.1	68.8	86.5	72.5	79.5	80.3
1988 Average	74.2	77.6	75.4	77.5	73.5	74.7	73.9	68.8	86.9	70.9	78.5	81.3
1989 Average	83.0	80.9	83.2	85.3	82.4	81.6	81.1	77.8	96.4	80.2	87.4	90.0
1990 Average	99.1	96.1	99.3	100.9	101.4	98.1	94.2	97.4	110.1	97.0	102.9	106.3
1991												
January	110.5	102.5	105.9	109.8	105.4	105.5	102.4	110.8	129.3	108.4	118.4	117.1
February	101.5	92.9	95.4	98.5	93.5	94.6	92.4	97.3	122.8	102.9	112.0	110.5
March	90.8	86.5	87.9	91.5	87.2	85.7	87.8	84.0	109.5	88.8	95.3	102.6
April	87.6	88.3	86.0	90.7	87.8	83.2	84.0	83.4	101.9	86.4	93.5	96.9
May	85.8	88.5	86.3	88.1	88.1	83.1	82.9	84.4	101.3	86.5	94.9	92.5
June	83.6	86.8	80.3	87.4	87.1	80.7	80.9	83.4	98.2	85.6	91.7	89.3
July	81.7	82.2	78.8	83.3	84.4	79.6	78.0	80.0	98.6	83.6	85.5	86.6
August	82.4	86.5	85.5	84.4	86.3	81.1	78.8	84.6	96.8	87.3	92.6	87.0
September	84.8	87.3	85.5	86.8	84.0	84.8	82.7	87.4	92.4	90.8	93.5	89.7
October	89.7	88.4	86.7	89.5	86.8	88.7	85.7	87.6	91.3	89.1	95.2	94.0
November	91.8	92.4	87.8	92.8	89.2	91.8	89.9	93.3	96.0	90.6	99.5	98.0
December	89.0	89.9	83.3	89.9	84.4	86.0	85.4	94.7	95.2	87.0	96.2	95.9
1991 Average	93.4	92.7	91.8	94.2	91.1	91.0	89.5	95.1	105.0	93.3	101.6	101.9
1992												
January	85.5	85.2	77.0	86.6	79.5	81.9	80.6	86.1	92.5	84.8	92.3	94.1
February	86.9	85.6	78.7	86.5	79.6	83.0	80.4	79.2	91.0	83.6	91.4	94.1
March	86.6	88.1	79.7	86.6	78.9	82.5	79.3	82.2	92.8	82.8	92.3	93.0
April	85.6	87.7	81.1	86.7	81.0	82.8	80.9	84.2	91.9	86.9	92.5	92.5
May	84.2	89.0	81.7	86.4	83.1	83.4	81.5	84.4	93.4	91.8	95.2	92.3
June	86.5	90.8	79.6	86.1	82.7	85.2	81.8	84.6	93.9	92.8	92.6	92.2
July	82.3	87.9	82.4	84.7	83.4	81.7	81.0	85.1	93.0	91.0	87.9	90.4
August	81.4	86.4	82.9	85.5	83.5	82.4	80.5	79.2	96.7	84.1	84.2	88.6
September	85.4	88.9	84.2	88.1	84.6	84.7	83.4	85.9	93.4	87.6	90.9	90.1
October	88.3	90.8	85.8	90.0	86.5	86.5	84.0	89.6	96.7	91.7	95.1	93.8
November	87.9	90.4	81.9	88.2	86.0	85.5	83.7	91.8	97.5	92.8	98.6	94.9
December	89.0	88.2	81.8	87.9	83.3	84.5	83.9	86.9	95.4	91.5	99.7	94.6
1992 Average	86.4	87.6	81.0	87.1	82.3	83.6	81.8	85.7	94.0	87.8	94.3	93.4
1993												
January	88.3	87.2	81.8	88.3	82.9	84.2	82.1	84.8	95.1	91.7	100.6	94.3
February	88.6	88.2	82.3	87.6	83.0	85.5	83.3	84.2	95.1	89.9	101.4	94.6
March	89.9	90.0	83.1	90.1	83.9	86.6	84.0	87.8	94.2	90.7	99.7	95.4
April	86.9	NA	85.1	90.8	83.3	86.9	84.7	84.1	97.0	91.5	101.5	92.6

NA = Not available.

Note: Values shown for the current month are preliminary. Values shown for previous month 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," and EIA-782B, "Reseller/Retailers' Monthly Petroleum Product Sales Report," January 1983 forward. Energy Information Administration Form EIA-9A, "No. 2 Distillate Price Monitoring Report," source for backcast estimates prior to January 1983.

Table 17. U.S. Refiner Residual Fuel Oil Prices
(Cents per Gallon Excluding Taxes)

Year Month	Residual Fuel Oil Sulfur Content Less Than or Equal to 1 Percent		Residual Fuel Oil Sulfur Content 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 Average	31.4	29.3	27.5	24.5	29.8	26.3
1979 Average	46.8	45.0	38.9	36.6	43.6	39.9
1980 Average	67.5	60.8	52.3	47.9	60.7	52.8
1981 Average	82.9	74.8	67.3	62.2	75.6	66.3
1982 Average	74.7	69.5	61.1	57.2	67.6	61.2
1983 Average	69.5	64.3	61.1	59.1	65.1	60.9
1984 Average	72.0	68.5	65.9	63.9	68.7	65.4
1985 Average	64.4	61.0	58.2	56.0	61.0	57.7
1986 Average	37.2	32.8	31.7	28.9	34.3	30.5
1987 Average	44.7	41.2	39.6	36.2	42.3	38.5
1988 Average	37.2	33.3	30.0	27.1	33.4	30.0
1989 Average	43.6	40.7	34.4	33.1	38.5	36.0
1990 Average	50.5	47.2	40.0	37.2	44.4	41.3
1991						
January	59.8	52.1	49.7	49.2	53.4	50.2
February	44.4	36.5	37.1	32.0	39.8	33.4
March	38.3	36.0	28.2	24.2	32.3	28.2
April	37.8	33.6	27.0	25.8	30.2	28.7
May	36.6	36.6	27.6	27.7	31.0	30.3
June	35.3	32.1	26.9	28.6	29.5	29.7
July	36.4	32.6	28.2	27.4	31.2	28.8
August	36.8	33.4	27.7	25.9	31.1	27.9
September	36.8	33.7	27.3	25.4	30.6	27.9
October	38.5	34.1	29.7	27.6	32.3	29.5
November	40.8	36.6	31.8	27.9	35.1	30.7
December	40.0	34.8	28.8	26.1	33.1	28.9
1991 Average	40.2	36.4	30.6	29.2	34.0	31.4
1992						
January	35.7	30.7	24.7	21.3	29.1	24.1
February	36.2	33.4	23.7	20.8	28.0	25.1
March	34.8	31.2	24.4	21.4	27.9	24.5
April	35.3	32.0	27.4	25.6	29.7	27.6
May	37.2	33.7	31.9	29.3	33.4	30.5
June	38.8	36.3	33.0	30.9	34.5	32.7
July	41.4	38.6	34.7	33.5	36.7	34.9
August	42.3	37.7	37.0	33.2	38.9	34.6
September	42.0	37.9	35.3	32.9	37.5	34.8
October	44.7	41.4	37.3	35.5	39.2	37.4
November	42.8	39.4	37.6	33.8	39.4	36.0
December	40.5	35.6	33.4	28.1	36.2	30.7
1992 Average	39.0	35.4	31.3	28.4	33.8	30.7
1993						
January	40.8	36.6	32.4	27.2	35.3	31.2
February	40.8	35.5	30.8	27.1	34.4	31.1
March	42.6	39.0	31.6	27.5	35.6	32.9
April	43.6	38.4	32.2	29.2	36.3	33.5

Note: Values shown for the current month are preliminary. Values shown for previous month 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. Energy Information Administration Form EIA-460, "Petroleum Industry Monthly Report for Product Prices," source for backcast estimates prior to January 1983.

Figure 11. U.S. Refiner Residual Fuel Oil Prices

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

Table 18. U.S. Refiner Residual Fuel Oil Volumes
(Million Gallons per Day)

Year Month	Residual Fuel Oil Sulfur Content Less Than or Equal to 1 Percent		Residual Fuel Oil Sulfur Content 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 Average	13.4	7.2	14.9	12.9	28.3	20.2
1984 Average	15.1	3.7	17.8	14.6	32.9	21.3
1985 Average	11.4	7.0	13.8	12.9	25.2	19.9
1986 Average	15.3	7.7	16.5	11.1	31.7	18.7
1987 Average	15.1	7.8	13.9	9.1	29.0	16.9
1988 Average	14.2	8.7	15.9	10.3	30.2	18.9
1989 Average	13.4	7.9	17.0	13.1	30.4	21.0
1990 Average	11.1	7.4	14.9	10.5	25.9	17.9
1991						
January	8.7	6.8	14.7	13.0	23.4	19.8
February	8.5	6.1	14.2	13.6	22.7	19.8
March	10.3	5.2	15.2	10.2	25.4	15.4
April	6.4	7.3	15.7	12.2	22.1	19.5
May	8.6	5.9	14.5	14.4	23.2	20.4
June	7.8	6.0	18.2	12.9	25.9	18.9
July	10.2	3.3	18.0	9.5	28.3	13.0
August	9.3	4.8	15.5	13.6	24.8	18.4
September	8.2	5.7	15.0	12.8	23.1	18.5
October	5.9	4.2	13.9	10.2	19.8	14.4
November	7.9	4.9	13.8	10.8	21.7	15.7
December	10.7	6.5	16.9	13.4	27.6	19.9
1991 Average	8.6	5.6	15.5	12.2	24.0	17.8
1992						
January	10.5	5.6	16.0	12.8	26.5	18.4
February	9.1	5.2	17.2	9.9	26.3	15.1
March	8.4	5.8	16.4	12.2	24.8	18.0
April	6.0	6.4	15.0	13.6	21.1	19.9
May	5.3	5.1	13.1	13.1	18.5	18.2
June	5.2	5.9	15.1	11.7	20.3	17.6
July	5.9	4.6	14.3	12.0	20.2	16.6
August	6.6	4.0	12.4	8.7	18.9	12.6
September	6.6	5.4	13.5	8.9	20.0	14.3
October	5.1	4.2	14.6	8.9	19.7	13.1
November	7.1	5.5	13.6	8.6	20.7	14.1
December	8.5	4.9	13.3	9.5	21.8	14.4
1992 Average	7.0	5.2	14.5	10.8	21.6	16.0
1993						
January	7.0	4.3	13.5	5.8	20.6	10.1
February	7.7	6.8	13.9	7.4	21.6	14.2
March	7.0	6.2	12.4	7.0	19.4	13.2
April	7.2	5.7	13.0	6.4	20.2	12.1

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

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

Figure 12. U.S. Refiner Residual Fuel Oil Total Volumes

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

Crude Oil Prices

Table 19. Crude Oil Refiner Acquisition Costs
(Dollars per Barrel)

Year Month	Major Refiners			Other Refiners			Average		
	Domestic	Imported	Average	Domestic	Imported	Average	Domestic	Imported	Average
1978 Average	NA	NA	NA	NA	NA	NA	10.61	14.57	12.46
1979 Average	NA	NA	NA	NA	NA	NA	14.27	21.67	17.72
1980 Average	NA	NA	NA	NA	NA	NA	24.23	33.89	28.07
1981 Average	34.25	37.41	35.49	34.54	36.39	34.92	34.33	37.05	35.24
1982 Average	31.07	33.92	31.89	31.72	32.07	31.81	31.22	33.55	31.87
1983 Average	28.67	29.53	28.92	29.42	28.33	29.17	28.87	29.30	28.99
1984 Average	28.42	29.04	28.61	28.90	28.08	28.71	28.53	28.88	28.63
1985 Average	26.66	27.11	26.79	26.66	26.51	26.63	26.66	26.99	26.75
1986 Average	14.74	13.99	14.49	15.07	14.06	14.75	14.82	14.00	14.55
1987 Average	17.65	18.14	17.84	18.10	18.09	18.10	17.76	18.13	17.90
1988 Average	14.59	14.57	14.58	15.12	14.55	14.91	14.74	14.56	14.67
1989 Average	17.75	18.09	17.90	18.20	18.07	18.15	17.87	18.08	17.97
1990 Average	22.56	22.02	22.30	22.66	20.87	21.98	22.59	21.76	22.22
1991									
January	22.87	22.56	22.73	24.23	21.34	23.21	23.25	22.30	22.85
February	18.96	18.36	18.70	20.88	18.08	19.92	19.55	18.30	19.03
March	17.77	17.68	17.73	18.91	17.19	18.35	18.12	17.58	17.89
April	18.49	18.35	18.42	18.74	18.18	18.55	18.56	18.32	18.46
May	18.77	18.45	18.62	19.44	18.04	18.90	18.98	18.36	18.70
June	17.83	17.85	17.84	18.90	17.56	18.37	18.16	17.78	17.98
July	18.77	18.24	18.52	19.24	17.81	18.69	18.91	18.14	18.57
August	18.74	18.80	18.77	19.88	18.43	19.29	19.10	18.71	18.92
September	18.99	19.18	19.09	20.01	18.41	19.38	19.31	19.00	19.17
October	20.12	19.92	20.03	20.98	19.70	20.49	20.39	19.86	20.16
November	19.59	19.57	19.58	20.90	18.64	20.07	20.01	19.35	19.72
December	17.50	17.25	17.39	18.65	16.89	18.01	17.84	17.17	17.56
1991 Average	19.03	18.82	18.93	20.02	18.33	19.39	19.33	18.70	19.06
1992									
January	16.51	16.13	16.34	17.33	15.97	16.83	16.75	16.10	16.47
February	16.24	15.96	16.11	17.10	16.17	16.77	16.49	16.00	16.28
March	16.71	16.46	16.59	17.06	16.05	16.69	16.81	16.36	16.62
April	17.81	17.58	17.70	18.05	16.64	17.55	17.88	17.37	17.66
May	18.70	19.00	18.84	19.21	18.04	18.79	18.86	18.79	18.83
June	20.00	19.99	20.00	20.40	19.14	19.97	20.13	19.83	19.99
July	20.22	19.82	20.02	20.88	19.44	20.32	20.42	19.74	20.10
August	19.70	19.39	19.54	20.14	18.79	19.60	19.84	19.25	19.56
September	19.72	19.37	19.55	20.21	18.89	19.72	19.88	19.26	19.59
October	19.43	19.44	19.44	20.09	18.99	19.64	19.64	19.34	19.49
November	18.76	18.42	18.59	19.27	18.32	18.86	18.90	18.40	18.66
December	17.79	17.00	17.41	17.99	16.74	17.48	17.85	16.94	17.43
1992 Average	18.46	18.30	18.38	19.01	17.84	18.57	18.63	18.20	18.43
1993									
January	17.33	16.86	17.09	17.58	16.46	17.12	17.40	16.78	17.10
February	17.80	17.61	17.71	17.94	16.70	17.45	17.84	17.41	17.64
March	18.14	17.90	18.02	18.69	17.56	18.25	18.31	17.82	18.08
April	18.34	18.52	18.44	18.80	17.70	18.37	18.49	18.35	18.42

NA = Not available.

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

Note: Geographic coverage is the 50 United States, the District of Columbia, Puerto Rico, Guam, and the Virgin Islands.

Sources: January 1978 through June 1978: Form FEA-P110-M-1, "Refiners' Monthly Cost Allocation Report"; July 1978 through December 1980: Form ERA-49, "Domestic Crude Oil Entitlements Program Refiners' Monthly Report"; January 1981 to present: Form EIA-14, "Refiners' Monthly Cost Report."

Table 20. Domestic Crude Oil First Purchase Prices
(Dollars per Barrel)

Year Month	U.S. Average		PAD District I				PAD District II						
	Total U.S.	Less Alaska North Slope	PAD I Average	New York	Pennsylvania	West Virginia	PAD II Average	Illinois	Indiana	Kansas	Kentucky	Michigan	Nebraska
1978 Average	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 Average	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 Average	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 Average	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 Average	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 Average	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 Average	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 Average	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 Average	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 Average	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 Average	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 Average	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 Average	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													
January	19.60	21.44	22.40	23.67	22.46	W	22.63	23.37	23.85	22.99	22.95	22.77	21.77
February	16.28	17.62	18.76	20.00	19.60	W	18.90	19.29	19.29	19.27	18.89	19.03	17.96
March	15.13	16.72	16.92	17.53	17.00	W	18.07	18.59	18.51	18.62	18.24	18.15	17.29
April	16.16	17.65	18.00	18.79	18.42	W	19.05	19.65	19.65	19.54	19.62	19.34	18.30
May	16.44	18.00	18.58	19.59	18.98	W	19.36	20.00	19.99	19.71	19.62	19.65	18.48
June	15.58	17.06	17.51	18.36	18.29	W	18.27	18.98	18.99	18.56	18.58	18.65	17.52
July	16.36	18.01	18.41	19.20	19.11	W	19.56	20.22	20.23	19.70	19.84	19.90	18.83
August	16.60	18.16	19.02	19.23	19.72	W	19.77	20.43	20.44	19.91	20.09	20.10	18.99
September	16.71	18.35	19.29	20.06	19.92	W	19.99	20.62	20.68	20.09	20.25	20.29	19.25
October	17.72	19.54	20.62	21.10	21.43	W	21.33	21.96	21.92	21.45	21.65	21.67	20.63
November	17.12	18.96	20.10	20.44	20.52	W	20.48	21.04	21.05	20.53	20.66	20.86	19.72
December	14.68	16.34	17.54	17.68	17.76	W	17.63	18.18	18.17	17.73	17.87	17.98	16.82
1991 Average	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													
January	13.93	15.55	16.51	16.88	17.10	16.22	16.94	17.65	17.62	16.94	17.17	17.28	16.18
February	14.07	15.65	16.73	W	17.32	16.27	17.05	17.66	17.74	16.99	17.32	17.48	16.19
March	14.12	15.55	16.54	W	17.13	16.09	16.99	17.62	17.68	16.91	17.30	17.36	16.08
April	15.37	16.84	17.95	W	18.16	17.43	18.31	18.93	19.02	18.16	18.52	18.60	17.19
May	16.38	17.79	18.85	W	19.24	18.28	19.08	19.75	19.77	18.95	19.39	19.40	17.92
June	17.95	19.44	20.53	W	20.67	19.87	20.48	21.07	21.11	20.28	20.78	20.79	19.22
July	17.80	18.99	19.49	W	19.86	18.77	19.81	20.43	20.54	19.60	19.97	20.20	18.56
August	17.08	18.31	19.29	19.03	19.35	18.66	19.37	20.01	19.93	19.25	19.23	19.76	18.18
September	17.20	18.64	19.93	20.09	19.86	19.17	19.95	20.56	20.47	19.83	19.85	20.38	18.79
October	17.17	18.52	19.85	20.51	20.09	19.68	19.72	20.32	20.20	19.61	19.56	20.13	18.63
November	16.01	17.22	18.74	19.60	20.09	19.22	18.46	18.98	18.91	18.28	18.40	18.79	17.26
December	14.94	16.26	17.68	18.94	18.73	18.10	17.56	18.09	18.22	17.41	17.40	17.81	16.31
1992 Average	15.98	17.39	18.51	19.05	19.01	18.09	18.63	19.26	19.27	18.50	18.75	18.99	17.51
1993													
January	14.64	15.90	17.16	W	18.20	17.44	17.15	17.81	17.77	17.11	17.21	17.52	15.93
February	15.47	16.71	17.87	17.78	18.21	17.45	18.09	18.75	18.81	18.05	18.08	18.57	16.88
March	15.88	17.04	18.70	18.62	18.97	18.02	18.30	18.92	18.93	18.16	18.22	18.75	16.95
April	16.08	17.08	19.19	18.71	19.25	18.20	18.20	18.86	18.83	18.06	18.12	18.70	16.91

See footnotes at end of table.

Table 20. Domestic Crude Oil First Purchase Prices (Continued)
(Dollars per Barrel)

Year Month	PAD District II (Cont.)				PAD District III							
	North Dakota	Ohio	Oklahoma	South Dakota	PAD III Average	Alabama	Arkansas	Louisiana	Mississippi	New Mexico	Texas	Federal Offshore Gulf
1978 Average	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 Average	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 Average	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 Average	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 Average	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 Average	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 Average	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 Average	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 Average	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 Average	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 Average	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 Average	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 Average	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												
January	22.08	23.56	22.43	22.12	22.39	22.13	21.16	23.21	20.82	22.58	22.20	22.60
February	18.12	20.05	18.85	18.24	18.51	18.05	17.06	19.37	16.97	18.78	18.29	18.79
March	17.36	17.04	18.01	17.50	17.67	17.58	16.35	18.70	15.90	17.78	17.43	17.95
April	18.14	18.37	18.98	18.53	18.66	18.43	17.39	19.55	16.99	18.63	18.45	18.93
May	18.50	18.97	19.36	18.99	19.00	18.67	17.71	19.86	17.50	19.08	18.78	19.32
June	17.56	18.31	18.20	18.13	17.97	17.80	16.77	18.73	16.41	18.12	17.76	18.27
July	18.72	19.14	19.65	19.16	19.14	19.03	17.91	19.98	17.75	19.32	18.97	19.26
August	18.96	19.69	19.83	19.37	19.30	19.28	18.18	20.15	17.83	19.36	19.15	19.39
September	19.06	19.94	20.12	19.76	19.56	19.45	18.42	20.62	17.99	19.69	19.41	19.56
October	20.38	21.44	21.44	20.87	20.92	20.81	19.94	22.03	19.36	20.98	20.76	20.93
November	19.74	20.64	20.56	20.28	20.21	20.21	19.16	21.23	15.51	20.33	20.03	20.26
December	16.84	17.74	17.73	17.35	17.37	17.23	16.52	18.34	15.63	17.54	17.17	17.50
1991 Average	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												
January	16.26	17.12	17.01	16.36	16.64	16.42	15.63	17.38	14.93	16.77	16.51	16.64
February	16.43	17.25	17.14	16.70	16.82	16.56	15.91	17.60	15.10	16.86	16.82	16.61
March	16.32	17.05	17.11	16.48	16.68	16.70	15.75	17.49	15.08	16.92	16.61	16.57
April	17.72	18.14	18.49	17.93	18.09	17.97	17.00	18.90	16.46	18.31	18.06	17.86
May	18.39	19.25	19.24	18.71	18.86	18.75	17.77	19.69	17.26	19.13	18.76	18.79
June	19.86	20.67	20.65	20.12	20.30	20.16	19.15	21.09	18.60	20.53	20.21	20.23
July	19.21	19.71	20.00	19.45	19.72	19.58	18.48	20.54	17.88	19.93	19.61	19.72
August	18.85	19.41	19.49	19.16	19.14	18.79	18.02	19.72	17.38	19.25	19.07	19.27
September	19.40	19.93	20.08	19.47	19.66	19.22	18.65	20.00	17.97	19.77	19.59	19.88
October	19.21	20.33	19.77	19.23	19.47	19.28	18.39	19.70	17.83	19.61	19.44	19.59
November	17.92	20.03	18.53	17.84	18.10	18.28	17.13	18.35	16.53	18.32	18.07	18.16
December	16.93	18.79	17.65	17.11	17.23	17.42	16.19	17.57	15.58	17.39	17.19	17.27
1992 Average	18.02	18.96	18.73	18.19	18.38	18.24	17.32	19.00	16.71	18.55	18.32	18.35
1993												
January	16.56	18.22	17.16	16.78	16.88	17.16	15.78	17.16	15.30	17.09	16.84	16.95
February	17.39	18.32	18.20	17.74	17.83	17.78	16.75	18.07	16.28	18.07	17.81	17.85
March	17.68	18.88	18.39	17.82	18.05	17.88	16.96	18.25	16.47	18.33	18.05	18.06
April	17.56	19.08	18.27	17.60	17.96	17.77	16.87	18.16	16.36	18.13	17.96	17.99

See footnotes at end of table.

Table 20. Domestic Crude Oil First Purchase Prices (Continued)
(Dollars per Barrel)

Year Month	PAD District IV					PAD District V				
	PAD IV Average	Colorado	Montana	Utah	Wyoming	PAD V Average	Alaska North Slope	Alaska Other	California	Federal Offshore California
1978 Average	9.50	10.84	9.04	9.98	9.16	6.60	5.21	5.45	8.58	6.10
1979 Average	11.98	13.28	12.03	11.41	11.73	11.17	10.57	6.22	12.78	8.06
1980 Average	21.29	22.91	20.53	19.79	21.34	19.09	16.87	10.25	23.87	16.28
1981 Average	33.38	35.69	34.69	34.14	32.30	24.79	23.23	30.15	26.80	24.56
1982 Average	30.14	31.56	31.25	30.50	29.37	21.84	19.92	27.74	24.58	23.37
1983 Average	27.81	28.92	28.80	28.12	27.19	19.66	17.69	23.59	22.61	20.54
1984 Average	27.18	28.09	28.07	27.21	26.73	19.52	17.91	24.37	22.09	20.41
1985 Average	24.78	25.64	25.29	23.98	24.67	19.11	16.98	22.46	22.14	20.08
1986 Average	13.24	13.98	13.58	13.33	12.94	8.53	6.45	13.13	11.90	9.48
1987 Average	16.77	17.71	16.57	17.22	16.45	11.89	10.83	15.48	13.92	11.82
1988 Average	13.85	14.83	13.84	14.24	13.47	9.28	8.43	12.92	10.97	9.41
1989 Average	17.37	18.86	17.03	18.63	16.73	12.71	12.00	16.17	14.06	12.64
1990 Average	21.68	23.16	21.61	22.61	21.04	16.15	15.23	21.16	17.81	16.21
1991										
January	21.35	23.15	21.37	22.75	20.56	15.24	14.11	19.18	17.48	15.08
February	17.73	19.28	17.45	19.22	17.02	12.72	12.28	15.68	13.62	11.63
March	16.92	18.58	16.70	18.44	16.15	11.10	10.44	14.58	12.34	10.95
April	17.64	19.46	17.59	19.33	16.70	12.11	11.48	15.27	13.30	11.32
May	18.02	19.77	18.05	19.88	17.06	12.32	11.53	15.66	13.72	12.10
June	17.08	18.78	17.06	19.03	16.11	11.82	10.99	14.84	13.32	11.59
July	18.16	20.01	18.28	19.97	17.21	11.98	11.29	14.65	13.34	10.92
August	18.31	20.17	18.21	20.18	17.41	12.28	11.64	15.03	13.52	10.94
September	18.60	20.27	18.44	20.27	17.80	12.31	11.71	15.25	13.52	10.80
October	19.83	21.63	19.78	21.69	18.94	12.81	12.32	16.02	13.85	11.15
November	18.96	20.81	18.97	20.96	18.00	12.35	11.46	15.93	14.14	11.18
December	16.04	18.01	16.12	18.14	15.03	10.46	9.45	12.95	12.48	9.59
1991 Average	18.21	19.95	18.17	19.99	17.33	12.30	11.57	15.36	13.72	11.33
1992										
January	15.46	17.33	15.42	17.41	14.57	9.74	9.09	11.56	11.18	8.52
February	15.67	17.46	15.51	17.63	14.78	9.89	9.39	12.52	11.03	8.09
March	15.58	17.46	15.44	17.63	14.66	10.19	9.84	13.20	10.97	8.27
April	16.95	18.80	16.76	19.21	15.98	11.16	10.82	14.75	11.91	9.07
May	17.69	19.49	17.49	19.74	16.77	12.58	12.03	16.21	13.69	10.90
June	19.14	20.87	18.78	21.38	18.23	14.35	13.39	18.53	16.19	13.63
July	18.53	20.19	18.27	20.74	17.66	14.88	14.07	18.47	16.52	13.44
August	18.09	19.71	17.84	20.19	17.27	13.91	13.24	17.16	15.19	12.91
September	18.61	20.31	18.36	20.84	17.73	13.48	12.90	16.61	14.70	12.03
October	18.39	20.11	18.19	20.62	17.51	13.65	13.03	17.12	14.93	11.87
November	17.06	18.82	16.86	19.22	16.21	12.81	12.29	16.25	13.89	11.01
December	16.15	17.83	16.18	18.32	15.23	11.42	10.93	14.68	12.52	9.62
1992 Average	17.27	19.04	17.08	19.39	16.38	12.31	11.72	15.56	13.55	10.79
1993										
January	15.83	17.43	15.78	18.01	14.94	11.22	10.83	14.16	12.11	9.16
February	16.77	18.36	16.64	19.01	15.90	11.81	11.58	14.57	12.44	9.52
March	17.19	18.51	16.82	19.22	16.46	12.51	12.28	16.06	13.10	10.00
April	17.13	18.38	16.66	19.23	16.39	13.10	12.91	16.84	13.63	10.59

W = Withheld to avoid disclosure of individual company data.

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

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

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

Table 21. FOB^a Costs of Imported Crude Oil, by Selected Country
(Dollars per Barrel)

Year Month	Selected Countries									OPEC	
	Algeria	Indonesia	Iran	Mexico	Nigeria	Saudi Arabia	United Kingdom	Venezuela	Other Countries	Arab OPEC ^b	Total OPEC ^c
1978 Average	14.12	13.61	12.65	13.24	14.05	12.70	13.82	12.38	13.35	13.28	13.31
1979 Average	20.53	19.03	22.93	20.27	21.69	17.28	21.70	16.90	21.10	19.27	19.88
1980 Average	36.67	32.17	NA	31.06	35.93	28.17	34.36	24.81	34.34	31.57	32.21
1981 Average	39.08	35.62	-	33.01	38.31	32.60	36.06	28.95	36.69	34.79	35.17
1982 Average	34.20	35.11	30.97	28.08	35.13	33.73	33.42	23.74	31.96	33.84	33.48
1983 Average	30.09	29.92	28.39	25.20	29.81	27.53	29.91	21.48	27.96	28.28	28.46
1984 Average	28.34	29.13	27.42	26.39	29.51	27.67	28.87	24.23	27.79	27.79	27.79
1985 Average	26.89	27.12	W	25.33	28.04	22.04	27.64	23.64	26.12	24.34	25.67
1986 Average	13.62	13.19	W	11.84	14.35	11.36	13.84	10.92	13.32	11.59	12.21
1987 Average	16.79	17.40	W	16.36	18.47	15.12	18.28	15.08	17.11	15.80	16.43
1988 Average	W	13.81	-	12.18	15.16	12.16	14.80	12.96	13.45	12.57	13.43
1989 Average	W	17.01	-	15.96	18.31	16.29	17.89	16.09	17.12	16.72	17.06
1990 Average	W	21.29	-	19.26	22.46	20.36	23.43	19.55	19.88	18.84	20.40
1991											
January	W	W	-	19.39	24.68	12.69	W	17.04	21.24	16.04	19.45
February	W	20.82	-	13.62	20.48	14.06	W	14.50	17.12	14.56	16.73
March	W	W	-	13.59	19.44	W	24.50	14.90	16.18	15.24	16.48
April	W	16.85	-	15.34	19.12	15.14	W	15.38	16.90	15.72	16.88
May	W	W	W	15.24	19.35	15.15	W	14.68	16.95	15.71	16.71
June	W	16.77	-	14.68	18.38	14.54	W	13.62	16.33	15.29	16.04
July	W	W	W	15.24	19.44	W	19.45	14.85	17.41	15.86	16.86
August	W	W	W	15.34	20.20	16.35	W	14.64	17.82	16.81	17.23
September ..	W	W	W	15.40	21.10	15.85	20.24	15.53	18.79	16.76	17.57
October	W	18.50	W	16.91	22.55	14.61	W	16.44	19.42	15.76	18.12
November	W	W	-	16.30	21.63	13.33	21.67	14.77	18.97	15.02	17.03
December	W	W	-	13.47	18.99	12.72	W	12.62	16.57	14.32	15.03
1991 Average	W	18.69	15.58	15.37	20.29	14.62	20.81	14.91	17.79	15.59	16.99
1992											
January	W	W	-	12.45	18.58	13.11	-	12.32	15.36	14.27	14.55
February	W	W	-	12.40	18.28	14.23	W	12.53	15.95	14.96	14.90
March	-	W	-	12.67	18.07	14.74	W	12.45	16.01	15.05	15.23
April	W	16.23	-	14.15	19.58	16.14	W	14.37	17.12	16.59	17.10
May	W	W	-	16.04	20.47	16.83	W	15.03	18.35	17.53	17.70
June	W	W	-	17.09	21.42	17.81	20.14	15.30	19.20	18.30	18.53
July	W	W	-	16.89	20.83	17.51	W	15.10	18.74	18.09	18.06
August	W	W	-	16.36	20.33	17.10	20.00	15.42	18.45	18.02	17.72
September ..	-	W	-	16.86	20.84	17.76	20.20	16.21	18.68	17.97	18.18
October	-	W	-	16.90	20.79	16.18	W	15.40	18.74	16.70	17.56
November	-	W	-	15.80	20.00	15.51	19.82	13.84	17.59	15.82	16.13
December	W	W	-	14.79	18.42	15.46	W	13.38	16.15	15.92	15.61
1992 Average	W	17.05	-	15.26	19.97	15.91	19.61	14.39	17.66	16.54	16.86
1993											
January	-	W	-	14.14	17.95	15.55	18.29	12.99	15.17	15.60	15.62
February	-	W	-	14.64	19.06	16.17	18.13	13.68	16.51	16.39	16.49
March	W	W	-	15.17	19.33	16.45	18.51	14.22	16.85	16.83	16.92
April	-	W	-	15.08	19.20	16.50	18.50	14.46	16.61	16.56	16.76

^a FOB = Free on Board. See Glossary.

^b Includes Algeria, Libya, Saudi Arabia, United Arab Emirates, Iraq, Kuwait, and Qatar.

^c Includes Algeria, Gabon, Indonesia, Iran, Iraq, Kuwait, Libya, Nigeria, Qatar, Saudi Arabia, United Arab Emirates and Venezuela. Prior to January 1, 1993, data included Ecuador, which was then a member of OPEC.

Dashes (-) = No data reported.

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Table 22. Landed Costs of Imported Crude Oil, by Selected Country
(Dollars per Barrel)

Year Month	Selected Countries										OPEC	
	Algeria	Canada	Indonesia	Iran	Mexico	Nigeria	Saudi Arabia	United Kingdom	Venezuela	Other Countries	Arab OPEC ^a	Total OPEC ^b
1978 Average	14.93	14.41	14.65	13.89	13.56	14.88	13.94	14.53	12.84	14.58	14.36	14.34
1979 Average	21.88	20.22	20.63	24.21	20.77	22.97	18.95	22.97	17.65	22.86	20.79	21.29
1980 Average	37.92	30.11	33.92	NA	31.77	37.15	29.80	35.68	25.92	36.15	32.97	33.56
1981 Average	40.46	32.32	37.31	-	33.70	39.66	34.20	37.29	29.91	38.54	36.22	36.60
1982 Average	35.35	27.15	36.70	32.46	28.63	36.16	34.99	34.25	24.93	34.03	35.15	34.81
1983 Average	31.26	25.63	31.57	29.81	25.78	30.85	29.27	30.87	22.94	29.68	29.87	29.84
1984 Average	29.06	26.56	30.87	28.70	26.85	30.36	29.20	29.45	25.19	29.21	29.10	29.06
1985 Average	27.51	25.71	28.67	25.79	25.63	28.96	24.72	28.36	24.43	27.33	25.90	26.86
1986 Average	14.82	13.43	14.63	12.38	12.17	15.29	12.84	14.63	11.52	14.25	13.14	13.46
1987 Average	17.87	17.04	18.49	18.28	16.69	19.32	16.81	18.78	15.76	18.30	17.32	17.64
1988 Average	W	13.50	15.15	W	12.58	15.88	13.37	15.82	13.66	14.45	13.60	14.18
1989 Average	19.13	16.81	18.35	-	16.35	19.19	17.34	18.74	16.78	18.08	17.41	17.78
1990 Average	W	20.48	22.50	-	19.64	23.33	21.82	22.65	20.31	20.52	20.64	21.23
1991												
January	W	20.81	W	-	19.98	26.00	18.53	W	18.35	24.08	18.94	20.16
February	W	17.05	22.61	-	14.23	21.66	16.18	W	15.76	19.42	16.29	17.43
March	W	15.20	20.03	-	14.15	20.60	17.08	25.77	16.18	18.59	17.23	17.88
April	W	16.26	18.85	-	15.85	20.31	17.54	20.56	16.35	18.77	17.65	18.17
May	W	16.28	W	W	15.81	20.50	17.34	20.21	15.74	19.53	17.49	17.98
June	W	16.19	18.25	-	15.20	19.79	16.85	19.35	14.61	18.38	17.01	17.32
July	W	17.14	17.76	17.56	15.89	20.73	17.48	20.47	15.92	18.82	17.61	17.96
August	W	17.61	W	W	15.78	21.29	18.04	20.71	15.64	19.30	18.17	18.40
September ..	W	17.84	W	W	15.82	22.13	18.19	21.16	16.44	20.35	18.42	18.70
October	W	18.38	19.85	W	17.34	23.68	17.62	22.07	17.26	20.91	17.97	19.03
November	W	17.53	21.05	-	16.53	22.71	16.46	22.71	15.66	21.04	16.90	17.95
December	W	15.87	W	-	13.96	19.96	15.03	20.29	13.46	18.67	15.49	15.94
1991 Average	W	17.16	20.20	17.54	15.89	21.39	17.22	21.37	15.92	19.73	17.45	18.08
1992												
January	W	14.83	W	-	13.02	19.34	14.80	W	13.20	17.40	15.15	15.38
February	W	15.57	W	-	12.78	19.10	15.44	W	13.47	17.56	15.70	15.78
March	-	15.68	W	-	13.02	18.92	16.03	18.83	13.41	17.44	16.12	16.26
April	W	16.41	17.76	-	14.36	20.28	17.71	18.97	15.06	18.09	17.82	17.93
May	W	17.35	17.45	-	16.38	21.23	18.41	19.99	15.73	19.57	18.60	18.55
June	W	18.40	19.62	-	17.38	22.08	19.47	20.85	15.97	20.91	19.58	19.57
July	W	18.50	21.06	-	17.20	21.49	18.97	21.45	15.78	20.49	19.12	19.04
August	W	18.28	21.16	-	16.72	21.05	18.42	21.37	16.14	20.06	18.73	18.68
September ..	-	18.35	W	-	17.31	21.57	18.73	20.72	16.89	20.12	18.77	18.96
October	W	18.35	W	-	17.25	21.57	18.03	21.17	16.14	20.07	18.16	18.58
November	-	17.26	W	-	16.19	20.79	17.11	21.00	14.54	19.29	17.15	17.33
December	W	15.85	W	-	15.12	19.32	16.57	19.46	14.07	17.73	16.64	16.58
1992 Average	W	17.04	18.73	-	15.59	20.75	17.44	20.63	15.13	19.24	17.60	17.78
1993												
January	-	15.27	W	-	14.50	18.96	16.36	19.12	14.07	17.21	16.39	16.64
February	-	15.84	W	-	14.98	19.92	17.29	19.28	14.60	18.17	17.29	17.43
March	W	16.48	W	-	15.50	20.25	17.67	19.43	15.14	18.43	17.73	17.88
April	W	17.18	W	-	15.58	20.18	17.94	19.37	15.49	18.33	17.85	18.00

^a Includes Algeria, Libya, Saudi Arabia, United Arab Emirates, Iraq, Kuwait, and Qatar.

^b Includes Algeria, Gabon, Indonesia, Iran, Iraq, Kuwait, Libya, Nigeria, Qatar, Saudi Arabia, United Arab Emirates and Venezuela. Prior to January 1, 1993, data included Ecuador, which was then a member of OPEC.

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Table 23. FOB^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 Average	11.98	11.74	12.51	13.06	13.62	14.00	14.01
1979 Average	14.43	18.54	19.91	19.54	21.24	21.65	19.77
1980 Average	23.09	28.76	30.72	30.31	34.33	35.39	36.13
1981 Average	26.70	31.20	33.61	34.38	36.85	38.42	38.59
1982 Average	23.08	25.82	31.48	33.56	34.29	34.82	34.48
1983 Average	21.77	24.27	27.38	29.04	29.74	30.10	30.12
1984 Average	24.10	25.31	27.22	28.55	29.18	29.40	28.02
1985 Average	23.45	24.27	24.86	26.46	27.43	27.79	26.90
1986 Average	10.51	10.96	12.25	12.83	13.83	14.19	13.76
1987 Average	15.21	15.37	15.76	17.24	17.99	18.03	17.37
1988 Average	11.92	11.65	12.48	13.82	14.38	14.89	15.25
1989 Average	14.00	14.89	16.95	17.50	18.09	18.23	18.05
1990 Average	15.98	18.00	20.54	20.77	22.19	22.78	22.28
1991							
January	15.27	16.98	19.00	20.56	24.34	23.03	24.84
February	11.50	12.40	16.07	16.57	20.55	19.08	19.88
March	11.94	11.99	16.01	16.21	19.09	18.89	18.94
April	11.82	13.13	16.57	17.15	18.95	19.27	19.55
May	10.94	13.43	16.08	16.90	19.33	19.61	19.43
June	10.72	12.88	15.70	16.87	18.42	18.09	19.44
July	12.17	13.72	16.50	17.62	19.68	19.23	W
August	11.53	14.08	16.72	18.02	20.19	19.26	W
September	11.66	14.44	17.07	18.54	20.61	W	W
October	12.78	15.28	17.07	18.87	22.07	22.39	W
November	11.47	14.03	15.62	18.78	21.27	21.10	W
December	10.64	11.64	13.50	16.79	18.63	18.32	W
1991 Average	11.91	13.72	16.33	17.67	20.15	19.69	20.85
1992							
January	9.20	11.12	14.09	16.12	17.83	17.93	W
February	9.35	11.10	13.73	16.11	18.02	17.82	W
March	9.51	11.69	14.87	16.66	17.76	17.85	W
April	10.19	13.26	16.45	18.25	19.02	19.22	19.43
May	11.30	14.72	17.82	18.81	19.86	20.32	20.23
June	13.14	15.66	18.56	19.87	20.97	21.73	W
July	12.13	15.49	18.28	19.27	20.42	20.83	20.92
August	13.10	15.25	17.91	18.60	20.00	20.02	21.46
September	13.53	15.54	18.16	18.86	20.46	20.61	W
October	13.46	15.47	17.99	18.87	20.46	20.30	W
November	12.54	13.78	16.05	17.47	19.33	19.82	20.41
December	12.58	12.87	15.16	16.79	18.28	18.46	18.99
1992 Average	11.85	13.95	16.71	18.00	19.51	19.58	20.05
1993							
January	11.69	12.53	15.42	16.22	17.71	17.57	W
February	12.19	13.21	16.72	17.01	18.68	18.67	18.63
March	12.81	13.71	17.11	17.45	18.77	19.71	20.50
April	12.50	13.85	16.70	17.50	18.80	18.80	W

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Table 24. 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 Average	12.75	13.11	13.76	14.10	14.69	14.87	15.16
1979 Average	15.57	20.05	20.88	21.01	22.61	23.06	21.23
1980 Average	24.54	29.65	31.83	31.73	35.81	36.85	37.57
1981 Average	27.94	32.00	34.86	35.71	38.36	39.78	39.97
1982 Average	24.17	26.46	32.62	34.76	35.43	35.78	35.81
1983 Average	23.17	24.95	28.62	30.25	30.96	31.28	31.27
1984 Average	25.08	25.97	28.38	29.58	30.16	30.16	29.05
1985 Average	24.33	24.65	26.17	27.10	28.29	28.39	27.73
1986 Average	11.30	11.49	13.28	13.59	14.99	14.80	15.37
1987 Average	16.14	15.87	17.21	18.16	18.72	18.89	18.57
1988 Average	12.75	12.11	13.54	14.35	15.21	15.74	16.24
1989 Average	14.90	15.42	17.59	17.87	18.74	19.05	19.13
1990 Average	16.82	18.54	21.59	21.18	22.47	23.47	23.41
1991							
January	16.53	17.71	20.62	20.72	24.77	24.34	26.63
February	12.87	12.96	16.23	17.76	20.92	21.07	22.26
March	13.31	12.69	16.94	17.69	19.95	20.24	20.63
April	12.87	13.76	17.56	18.24	20.00	20.37	21.04
May	12.26	14.08	16.76	18.30	20.22	20.82	21.36
June	11.80	13.77	16.60	18.01	19.59	19.65	20.69
July	13.42	14.38	17.15	18.51	20.39	20.57	21.60
August	12.71	14.84	17.69	18.99	20.89	20.55	21.77
September	13.10	15.20	17.91	19.25	21.44	W	22.32
October	13.63	15.87	17.85	19.71	22.33	23.27	24.07
November	12.54	14.73	16.31	19.18	21.94	21.96	23.21
December	11.62	12.29	14.25	17.38	19.31	19.28	19.95
1991 Average	13.06	14.41	17.17	18.65	20.86	20.88	22.15
1992							
January	10.13	11.75	14.79	16.33	18.18	18.73	20.61
February	10.41	11.89	14.52	16.63	18.35	18.55	20.03
March	10.63	12.51	15.61	17.03	18.34	18.98	19.56
April	11.25	13.78	17.16	18.38	19.23	20.25	20.31
May	12.38	15.29	18.14	19.14	20.32	20.90	21.17
June	13.98	16.25	19.31	20.27	21.45	22.43	22.06
July	13.46	16.18	18.97	19.80	21.19	21.87	21.99
August	14.09	15.89	18.46	19.33	20.82	21.33	21.71
September	14.43	16.11	18.75	19.59	21.12	21.34	22.66
October	14.63	16.10	18.68	19.30	21.10	21.10	21.85
November	13.47	14.35	16.95	18.06	20.20	20.41	20.56
December	13.48	13.47	16.00	17.43	18.74	19.41	19.57
1992 Average	12.91	14.56	17.36	18.48	20.11	20.54	20.95
1993							
January	13.07	13.09	16.19	17.13	18.49	18.50	19.00
February	13.25	13.79	17.04	17.93	19.22	19.49	19.64
March	13.94	14.48	17.63	18.23	19.50	20.41	21.29
April	13.78	14.72	17.59	18.47	19.58	20.14	20.29

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Table 25. 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 Average	1.26	3.57	7.93	38.79	31.66	13.48	3.31
1979 Average	1.65	3.96	8.45	38.98	30.64	13.36	2.96
1980 Average	1.70	6.18	9.25	38.43	27.02	13.56	3.85
1981 Average	2.19	8.88	9.46	37.37	26.60	12.53	2.98
1982 Average	3.39	14.90	11.72	35.58	23.76	8.44	2.20
1983 Average	3.91	20.40	15.14	24.95	23.63	7.74	4.23
1984 Average	6.48	20.52	11.59	21.05	25.75	8.12	6.48
1985 Average	7.62	20.46	11.19	27.14	24.93	4.02	4.65
1986 Average	5.54	19.36	14.12	27.49	25.74	3.65	4.11
1987 Average	4.04	19.68	16.88	26.91	24.79	3.87	3.85
1988 Average	3.52	18.27	15.99	30.72	24.45	4.04	3.02
1989 Average	2.55	14.39	16.80	36.27	23.79	3.55	2.64
1990 Average	3.64	14.96	18.13	34.44	23.21	2.94	2.67
1991							
January	3.84	17.38	20.93	37.72	16.23	1.83	2.06
February	3.89	15.39	21.06	36.29	20.70	1.78	.89
March	4.00	16.30	20.03	33.13	23.43	.64	2.46
April	3.27	13.94	19.39	37.96	22.34	.78	2.32
May	2.90	14.93	17.47	35.29	26.35	1.18	1.87
June	4.19	15.90	21.57	34.93	18.37	3.76	1.27
July	4.56	14.80	21.74	34.93	20.99	2.04	.94
August	4.44	15.09	21.76	34.40	20.32	1.99	.99
September	3.08	17.65	20.76	33.33	22.85	W	1.73
October	4.19	18.06	22.35	30.60	22.02	1.59	1.18
November	3.21	15.64	21.30	36.55	17.15	4.33	1.82
December	3.45	16.38	21.21	32.98	19.99	4.92	1.06
1991 Average	3.76	16.02	20.79	34.84	20.94	2.11	1.55
1992							
January	3.61	18.73	26.07	32.44	15.39	2.39	1.37
February	3.10	19.03	20.70	34.87	18.18	2.43	1.69
March	4.64	17.43	24.55	27.87	20.14	4.50	.87
April	2.90	18.47	21.30	33.55	19.48	3.27	1.02
May	4.24	17.91	19.26	32.26	20.82	4.45	1.06
June	4.94	16.67	22.47	28.29	23.49	3.16	.98
July	4.25	17.81	21.24	29.43	22.85	3.03	1.39
August	4.09	18.15	21.36	30.46	21.68	3.24	1.02
September	3.88	17.88	25.28	26.93	22.78	2.48	.78
October	4.83	17.46	23.20	33.36	18.60	2.18	.37
November	3.87	15.73	20.16	32.82	23.92	2.50	1.00
December	4.12	17.09	23.72	34.69	17.13	2.03	1.22
1992 Average	4.07	17.67	22.41	31.33	20.48	2.99	1.05
1993							
January	4.61	18.53	22.47	27.95	24.49	1.50	.46
February	4.20	18.14	19.51	35.41	17.94	3.57	1.23
March	5.11	19.18	20.05	27.49	24.08	2.57	1.50
April	3.66	18.53	19.23	34.54	20.55	2.23	1.26

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Table 26. FOB^a Costs of Imported Crude Oil for Selected Crude Streams
(Dollars per Barrel)

Year Quarter Month	Algerian Condensate	Angolan Cabinda	Canadian Lloydminster	Cameroon Kole Marine	Ecuadorian Oriente	Mexican Isthmus	Mexican Mayan
1978 Average	W	13.32	-	W	12.87	13.24	-
1979 Average	W	20.35	-	W	27.59	20.29	21.50
1980 Average	35.81	33.24	W	35.92	34.51	32.78	28.73
1981 Average	38.38	35.55	W	37.51	32.66	36.23	30.82
1982 Average	32.58	31.86	W	33.73	32.36	32.50	25.29
1983 Average	29.86	28.14	24.54	29.03	28.22	29.41	23.99
1984 Average	27.77	27.58	24.70	28.56	28.16	29.00	25.35
1985 Average	26.57	26.30	23.79	26.86	26.12	27.25	24.23
1986 Average	13.25	13.39	12.77	13.64	13.32	13.88	10.93
1987 Average	16.66	17.31	15.12	W	16.53	17.94	15.72
1988 Average	W	14.52	11.28	14.28	12.96	14.23	11.26
1989 Average	W	17.15	W	17.46	16.26	W	14.71
1990 Average	W	W	18.50	W	W	23.39	17.29
1991 Average	W	W	13.51	W	16.04	18.55	13.02
1992							
January	W	-	W	-	W	15.58	9.93
February	W	-	W	-	14.69	15.88	10.04
March	-	W	W	W	-	15.91	10.59
1st Quarter Average	W	W	W	W	14.43	15.80	10.20
April	W	W	W	-	-	17.66	12.19
May	W	W	W	-	W	19.23	14.20
June	W	19.63	W	-	W	20.19	15.21
2nd Quarter Average	W	18.74	W	-	W	19.01	13.90
July	W	19.41	W	W	W	19.48	15.35
August	W	W	W	-	W	19.03	14.97
September	-	19.16	W	-	W	19.64	15.16
3rd Quarter Average	W	19.00	W	W	18.28	19.32	15.16
October	-	W	W	-	W	19.35	15.36
November	-	18.13	W	-	W	18.22	14.11
December	W	17.26	W	-	W	17.29	12.62
4th Quarter Average	W	18.05	W	-	W	18.18	14.07
1992 Average	W	18.46	W	W	17.60	17.92	13.41
1993							
January	-	16.83	W	-	W	16.27	12.31
February	-	W	W	-	W	17.64	12.95
March	W	W	W	-	W	17.82	13.32
1st Quarter Average	W	17.03	W	-	W	17.18	12.87
April	-	W	W	-	W	17.76	13.56

See footnotes at end of table.

Table 26. FOB^a Costs of Imported Crude Oil for Selected Crude Streams (Continued)
(Dollars per Barrel)

Year Quarter Month	Nigerian Brass River	Nigerian Bonny Light	Norwegian Ekofisk	Saudi Arabian Light	Saudi Arabian Heavy	United Kingdom Brent	Venezuelan Boscan
1978 Average	14.17	14.11	13.91	12.74	12.07	-	W
1979 Average	21.89	25.68	21.36	17.33	15.83	21.92	W
1980 Average	35.57	37.71	35.86	27.79	26.14	33.13	18.56
1981 Average	38.64	38.19	37.72	32.62	31.42	36.22	W
1982 Average	35.18	35.58	34.04	34.08	31.10	33.55	19.00
1983 Average	30.31	30.07	29.73	29.22	26.30	30.30	19.31
1984 Average	29.82	29.67	29.17	29.11	26.52	29.25	22.24
1985 Average	28.23	W	W	23.70	W	27.88	21.94
1986 Average	14.07	14.02	16.23	11.79	11.00	14.07	9.44
1987 Average	18.32	18.45	18.25	14.46	14.85	18.37	15.75
1988 Average	15.39	15.33	14.58	12.98	11.68	14.40	12.29
1989 Average	18.42	18.58	17.80	18.28	W	18.38	12.27
1990 Average	23.47	22.67	W	21.72	19.13	29.33	12.15
1991 Average	21.10	20.46	20.39	16.83	13.25	22.17	8.49
1992							
January	-	18.49	-	W	W	-	W
February	W	W	-	15.69	W	-	W
March	W	18.26	W	16.74	W	W	W
1st Quarter Average	W	18.39	W	15.88	W	W	5.42
April	W	19.72	W	W	W	W	W
May	W	20.55	W	17.82	15.98	W	8.15
June	W	21.55	-	W	W	W	W
2nd Quarter Average	W	20.50	W	18.61	15.79	W	8.34
July	W	20.95	W	W	16.50	W	8.70
August	W	20.43	W	W	W	W	W
September	W	20.87	-	W	W	W	8.79
3rd Quarter Average	W	20.76	W	W	16.26	W	8.61
October	W	20.91	W	W	15.12	W	W
November	W	20.06	W	16.36	14.27	19.92	W
December	W	18.53	W	16.76	13.67	W	-
4th Quarter Average	W	20.05	W	16.68	14.32	19.55	9.60
1992 Average	20.26	20.09	19.63	17.39	14.58	19.74	8.26
1993							
January	17.65	17.92	-	16.16	14.26	W	W
February	W	19.14	W	W	W	18.13	W
March	W	19.42	W	W	W	18.51	-
1st Quarter Average	19.14	18.64	19.22	16.55	14.73	18.40	W
April	19.34	19.27	-	W	W	W	-

^a FOB = Free on Board. See Glossary.

Dashes (-) = No data reported.

W = Withheld to avoid disclosure of individual company data.

Note: 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.

Note: Prices through 1980 reflect the month of reporting; prices 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.

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

Table 27. Landed Costs of Imported Crude Oil for Selected Crude Streams
(Dollars per Barrel)

Year Quarter Month	Algerian Condensate	Angolan Cabinda	Canadian Lloydminster	Cameroon Kole Marine	Ecuadorian Oriente	Mexican Isthmus	Mexican Mayan
1978 Average	W	14.07	-	W	13.85	13.54	-
1979 Average	W	21.51	-	25.40	29.17	20.78	22.23
1980 Average	37.73	34.68	W	37.89	34.61	33.42	29.49
1981 Average	40.03	36.84	W	38.95	33.50	36.87	31.52
1982 Average	33.71	33.08	W	34.95	32.97	33.11	25.86
1983 Average	30.79	29.31	25.27	30.28	28.90	30.00	24.56
1984 Average	28.59	28.63	25.35	29.51	28.79	29.46	25.84
1985 Average	27.21	27.48	24.38	27.94	26.97	27.60	24.57
1986 Average	14.54	14.27	13.52	13.71	14.39	14.28	11.24
1987 Average	17.72	18.43	15.98	18.63	17.60	18.32	16.03
1988 Average	W	14.96	12.21	15.21	13.77	14.69	11.65
1989 Average	W	18.15	15.36	18.71	17.69	W	15.14
1990 Average	W	20.01	19.55	19.76	21.63	23.79	17.75
1991 Average	W	18.31	14.63	W	17.52	19.16	13.62
1992							
January	W	W	W	-	W	16.13	10.39
February	W	W	W	-	15.53	16.35	10.49
March	-	W	W	W	W	16.50	11.06
1st Quarter Average	W	17.91	W	W	15.50	16.33	10.66
April	W	W	W	-	W	18.09	12.57
May	W	19.07	W	-	18.26	19.46	14.60
June	W	20.18	W	-	20.27	20.61	15.57
2nd Quarter Average	W	19.24	W	-	19.12	19.38	14.24
July	W	20.38	W	W	W	19.89	15.69
August	W	19.70	W	-	19.19	19.49	15.31
September	-	20.02	W	-	19.11	20.13	15.50
3rd Quarter Average	W	20.04	W	W	19.24	19.77	15.50
October	-	19.97	W	-	W	19.85	15.76
November	-	19.75	W	-	18.36	18.62	14.50
December	W	17.96	W	-	W	17.81	13.00
4th Quarter Average	W	19.21	W	-	18.48	18.66	14.46
1992 Average	W	19.52	W	W	18.52	18.40	13.77
1993							
January	-	17.74	W	-	16.72	16.83	12.71
February	-	17.74	W	-	17.70	18.14	13.35
March	W	18.80	W	-	W	18.30	13.73
1st Quarter Average	W	18.05	W	-	17.23	17.69	13.28
April	-	18.71	W	-	W	18.43	14.02

See footnotes at end of table.

Table 27. Landed Costs of Imported Crude Oil for Selected Crude Streams (Continued)
(Dollars per Barrel)

Year Quarter Month	Nigerian Brass River	Nigerian Bonny Light	Norwegian Ekofisk	Saudi Arabian Light	Saudi Arabian Heavy	United Kingdom Brent	Venezuelan Boscan
1978 Average	14.97	15.04	14.68	14.04	13.32	-	W
1979 Average	23.19	27.11	22.64	19.18	17.68	23.26	W
1980 Average	37.02	38.58	36.91	29.57	28.16	34.57	20.34
1981 Average	40.01	39.25	38.70	34.32	33.02	37.58	W
1982 Average	36.26	36.45	34.70	35.65	32.64	34.53	20.32
1983 Average	31.44	31.06	30.79	30.95	28.12	31.26	20.69
1984 Average	30.71	30.46	29.99	30.61	28.10	29.89	23.20
1985 Average	29.14	28.98	28.16	25.35	23.69	28.49	22.85
1986 Average	14.89	15.00	15.07	13.06	12.17	14.64	10.42
1987 Average	19.39	19.26	18.96	17.88	16.20	18.71	16.65
1988 Average	16.06	16.02	15.45	14.04	12.80	15.84	13.23
1989 Average	19.34	19.38	18.67	17.96	16.56	18.83	13.16
1990 Average	24.29	23.21	21.53	22.49	21.46	24.40	13.43
1991 Average	22.27	21.57	21.66	18.49	15.28	21.65	10.17
1992							
January	-	19.29	-	16.16	13.66	W	W
February	W	19.19	-	16.64	13.72	W	W
March	19.15	19.05	W	17.50	15.09	18.93	W
1st Quarter Average	19.38	19.16	W	16.76	14.23	18.82	6.71
April	20.67	20.36	W	19.44	16.56	18.84	W
May	W	21.42	21.49	19.42	17.12	19.94	9.53
June	W	22.18	W	20.38	18.08	20.71	W
2nd Quarter Average	21.76	21.26	21.09	19.78	17.25	20.04	9.94
July	W	21.58	21.88	19.74	17.57	21.45	9.97
August	W	21.10	W	19.22	17.16	21.44	W
September	W	21.54	W	19.60	17.52	20.72	9.78
3rd Quarter Average	21.59	21.42	21.73	19.53	17.42	21.21	9.77
October	22.15	21.45	21.36	18.47	16.74	21.19	W
November	W	20.74	W	17.75	15.93	21.07	W
December	W	19.35	W	17.78	15.06	19.52	-
4th Quarter Average	21.45	20.78	20.71	17.98	15.82	20.78	11.34
1992 Average	21.23	20.81	20.97	18.52	16.01	20.68	9.65
1993							
January	19.09	18.80	-	17.52	15.07	19.05	W
February	19.98	20.07	W	18.27	15.77	19.28	W
March	20.61	20.18	20.02	18.61	16.45	19.43	-
1st Quarter Average	19.91	19.52	19.95	18.15	15.69	19.31	W
April	20.73	20.26	-	18.53	16.39	19.73	-

Dashes (-) = No data reported.

W = Withheld to avoid disclosure of individual company data.

Note: 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.

Note: Prices through 1980 reflect the month of reporting; prices 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.

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

Sales Prices of Petroleum Products

**Table 28. Refiner/Reseller Motor Gasoline Prices by Grade,
PAD District, and State**
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Leaded Regular		Unleaded Regular		Unleaded Midgrade		Premium		Motor Gasoline Average	
	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
U.S. Average										
April 1993	77.9	68.0	73.6	64.9	81.3	71.1	89.6	76.9	77.3	67.8
March 1993	75.8	65.1	71.3	62.4	79.1	69.0	86.9	74.8	75.1	65.4
April 1992	76.0	66.9	72.1	64.2	79.2	69.7	87.0	75.7	75.6	66.9
PAD District I Average										
April 1993	74.4	66.2	70.5	63.8	80.7	70.3	89.5	76.7	76.0	67.8
March 1993	76.9	NA	68.9	61.6	79.1	68.2	88.1	74.8	74.6	65.7
April 1992	73.6	W	69.7	63.5	78.7	69.1	87.1	75.8	74.9	67.2
Subdistrict IA Average										
April 1993	W	W	73.2	62.5	82.5	69.5	91.2	75.7	78.4	66.0
March 1993	W	-	73.6	62.0	82.8	68.4	91.5	74.4	78.8	65.7
April 1992	82.9	-	72.7	63.2	81.1	69.3	88.3	75.7	77.5	66.6
Connecticut										
April 1993	-	-	74.8	64.8	84.6	70.1	94.9	77.2	80.8	69.0
March 1993	-	-	74.8	64.0	84.0	69.4	95.0	74.6	80.8	67.8
April 1992	-	-	72.6	64.7	81.0	69.9	89.2	77.2	78.2	68.6
Maine										
April 1993	-	-	75.8	60.9	84.1	64.8	91.8	71.7	79.5	63.1
March 1993	-	-	75.7	59.6	87.5	63.6	92.3	70.0	80.1	62.0
April 1992	-	-	78.2	64.4	89.4	69.2	92.6	75.2	82.0	66.8
Massachusetts										
April 1993	-	-	70.8	61.4	80.6	70.1	89.1	75.3	76.4	64.7
March 1993	-	-	71.7	61.3	80.5	69.0	89.3	75.1	76.9	65.2
April 1992	W	-	70.0	61.8	78.8	68.9	86.5	74.7	75.2	65.0
New Hampshire										
April 1993	-	-	74.8	64.7	84.6	70.0	91.8	77.6	79.4	67.9
March 1993	-	-	74.6	63.8	85.5	68.3	94.3	76.1	79.6	66.9
April 1992	-	-	73.9	65.6	82.6	69.4	90.8	77.4	78.3	68.5
Rhode Island										
April 1993	-	-	71.9	63.2	80.9	68.3	88.0	74.8	77.3	66.8
March 1993	-	-	71.6	60.2	79.7	65.9	86.6	71.9	76.9	63.7
April 1992	-	-	70.1	62.7	77.2	67.1	84.6	73.1	75.2	66.0
Vermont										
April 1993	W	W	77.3	67.7	84.6	73.1	93.5	80.2	81.2	71.0
March 1993	W	-	77.0	66.6	84.7	71.9	93.0	79.0	81.2	69.9
April 1992	W	-	78.7	68.3	85.6	73.3	93.4	81.2	82.5	71.8
Subdistrict IB Average										
April 1993	75.7	67.8	69.4	63.1	78.8	69.9	87.8	76.1	74.5	67.4
March 1993	79.0	NA	69.5	61.3	79.1	69.3	88.5	75.4	74.9	66.0
April 1992	72.2	75.0	69.9	62.6	78.5	69.0	86.8	76.0	74.8	66.9
Delaware										
April 1993	-	-	68.8	62.3	77.1	67.1	87.2	74.0	73.8	65.5
March 1993	-	-	68.7	60.5	77.2	65.6	86.9	72.6	73.7	64.0
April 1992	-	-	68.9	60.7	76.9	65.1	87.3	72.1	74.1	64.1
District of Columbia										
April 1993	-	-	66.0	68.3	72.1	74.3	77.2	82.2	69.4	75.9
March 1993	-	-	62.8	66.8	69.9	72.4	75.3	81.0	66.6	74.4
April 1992	-	-	65.5	67.0	71.7	73.0	78.3	80.4	68.9	74.4
Maryland										
April 1993	-	-	68.8	65.3	79.3	71.5	84.6	77.3	73.7	69.5
March 1993	-	-	68.1	63.3	79.2	69.6	85.8	74.8	73.2	67.5
April 1992	W	-	71.5	66.5	81.4	72.0	88.4	78.6	76.8	71.0
New Jersey										
April 1993	NA	-	72.9	63.8	85.4	72.2	91.2	76.5	79.7	68.5
March 1993	W	W	75.4	61.2	87.4	73.1	95.1	76.5	82.8	66.6
April 1992	W	W	69.1	61.3	79.7	68.9	86.3	74.8	76.0	65.4
New York										
April 1993	76.6	67.2	69.6	62.9	79.5	70.7	89.3	78.1	74.5	67.7
March 1993	79.4	W	69.9	62.7	79.8	71.0	88.9	77.8	74.8	68.0
April 1992	74.3	W	70.4	63.7	78.8	70.8	87.4	78.8	74.7	69.0
Pennsylvania										
April 1993	74.5	W	68.1	61.7	76.6	66.8	84.9	72.6	72.7	65.0
March 1993	76.9	-	67.4	59.4	76.1	65.3	84.5	71.3	72.1	62.8
April 1992	74.7	W	69.5	61.9	77.5	66.2	86.2	73.0	74.0	65.1

See footnotes at end of table.

**Table 28. Refiner/Reseller Motor Gasoline Prices by Grade,
PAD District, and State (Continued)**
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Leaded Regular		Unleaded Regular		Unleaded Midgrade		Premium		Motor Gasoline Average	
	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 Average										
April 1993	71.3	W	70.7	64.8	81.2	70.7	90.1	77.4	76.4	68.6
March 1993	74.0	-	67.8	61.7	78.5	67.5	87.4	74.4	73.7	65.5
April 1992	75.7	W	69.1	64.4	78.4	69.0	87.0	75.6	74.5	67.7
Florida										
April 1993	-	-	72.5	65.9	83.6	72.7	92.1	80.8	78.7	71.1
March 1993	-	-	70.0	62.6	81.3	69.4	89.8	78.0	76.4	67.8
April 1992	W	-	68.4	62.7	78.2	67.7	85.9	75.6	74.3	67.1
Georgia										
April 1993	74.6	-	68.5	64.2	78.3	69.5	87.7	76.5	74.4	67.8
March 1993	71.7	-	66.2	61.8	76.7	66.9	86.3	73.5	72.3	65.2
April 1992	W	-	68.5	64.3	78.0	68.7	87.5	75.0	74.3	67.4
North Carolina										
April 1993	69.0	W	69.4	64.0	78.8	69.2	87.5	74.5	74.3	66.9
March 1993	NA	-	65.7	60.5	75.2	65.7	83.9	70.9	70.8	63.4
April 1992	W	-	68.8	65.1	77.8	69.9	86.8	75.6	73.9	68.0
South Carolina										
April 1993	-	-	68.2	63.9	79.1	69.0	88.9	74.4	73.6	66.6
March 1993	-	-	64.6	61.5	74.7	65.8	84.9	71.1	69.6	63.9
April 1992	-	-	69.0	65.5	78.4	69.4	87.8	75.1	73.5	67.9
Virginia										
April 1993	-	-	71.3	64.9	82.1	71.0	90.9	76.6	77.3	68.8
March 1993	W	-	69.0	61.5	79.8	67.4	88.4	73.3	75.0	65.4
April 1992	W	W	70.4	64.7	79.5	69.8	88.6	76.0	75.9	68.3
West Virginia										
April 1993	W	-	74.4	67.4	84.0	73.1	90.7	80.1	78.7	70.9
March 1993	W	-	72.9	63.5	83.0	69.4	88.9	76.0	77.5	66.8
April 1992	73.7	W	73.9	66.6	83.4	72.3	90.8	78.5	78.4	69.8
PAD District II Average										
April 1993	82.2	68.7	73.9	65.0	80.8	71.2	87.1	75.0	76.5	66.9
March 1993	79.4	65.1	70.3	61.5	77.1	67.6	81.8	71.3	72.9	63.4
April 1992	79.8	67.0	72.4	64.6	79.3	70.0	85.4	74.0	75.0	66.4
Illinois										
April 1993	82.8	W	73.9	64.4	80.3	73.2	87.3	76.6	76.5	67.3
March 1993	76.1	69.5	70.8	60.6	78.2	69.9	83.2	73.1	73.9	63.6
April 1992	74.2	71.4	71.4	63.6	78.2	69.7	85.2	72.8	74.4	65.9
Indiana										
April 1993	84.4	66.8	72.6	63.9	79.3	70.2	85.5	74.1	75.8	66.3
March 1993	80.4	63.4	69.4	59.9	75.7	67.0	77.2	70.4	71.8	62.2
April 1992	81.5	66.1	71.7	63.6	78.8	68.7	84.4	73.9	74.6	65.7
Iowa										
April 1993	78.7	73.0	74.8	66.2	78.7	73.1	84.7	74.0	75.8	66.9
March 1993	75.5	66.1	72.6	63.8	78.4	71.2	81.7	71.9	73.4	64.5
April 1992	80.0	68.2	74.3	65.8	79.8	69.9	82.6	73.6	75.2	66.5
Kansas										
April 1993	77.4	70.4	73.9	63.7	82.9	73.1	86.6	75.0	75.5	65.1
March 1993	74.3	66.9	71.6	60.8	79.3	69.3	84.4	69.4	73.4	61.7
April 1992	79.0	65.5	74.1	63.6	80.7	70.4	86.6	71.6	75.8	64.5
Kentucky										
April 1993	W	70.8	70.6	65.4	80.4	70.1	88.3	76.0	75.4	68.1
March 1993	79.7	W	67.9	62.2	77.2	67.2	84.2	72.7	72.4	64.9
April 1992	80.3	W	73.2	67.4	81.3	71.9	87.1	78.1	76.9	70.0
Michigan										
April 1993	82.9	68.8	72.9	65.0	80.7	71.0	86.5	75.5	75.6	67.1
March 1993	81.0	65.1	68.1	60.5	74.8	66.2	79.7	70.8	70.6	62.6
April 1992	82.7	69.9	69.8	65.1	76.7	69.4	84.1	75.5	72.5	67.1
Minnesota										
April 1993	82.7	67.7	80.3	67.9	85.4	71.6	92.5	76.8	82.2	68.9
March 1993	79.9	67.5	79.1	65.6	85.7	72.5	90.0	74.0	81.0	66.7
April 1992	80.0	68.1	76.8	66.4	85.0	71.6	85.2	74.2	78.4	67.3
Missouri										
April 1993	78.8	68.1	70.7	64.6	79.0	71.4	84.6	73.9	73.5	66.4
March 1993	73.7	W	67.5	61.9	75.8	68.2	78.5	70.9	70.2	63.6
April 1992	76.7	68.6	70.6	64.7	77.9	69.3	84.7	72.9	73.4	66.2

See footnotes at end of table.

**Table 28. Refiner/Reseller Motor Gasoline Prices by Grade,
PAD District, and State (Continued)**
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Leaded Regular		Unleaded Regular		Unleaded Midgrade		Premium		Motor Gasoline Average	
	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										
April 1993	79.3	68.0	77.6	66.8	83.7	73.6	86.7	76.1	79.0	67.6
March 1993	77.0	65.3	75.1	64.3	81.4	72.0	85.0	72.6	76.2	65.0
April 1992	77.0	67.3	75.8	66.5	81.2	73.3	85.3	74.5	77.2	67.3
North Dakota										
April 1993	87.5	70.0	84.5	68.5	90.7	79.2	92.8	79.3	85.2	69.3
March 1993	87.5	65.7	82.9	65.8	89.8	77.1	90.0	77.2	83.7	66.6
April 1992	81.4	66.7	80.0	67.3	84.6	74.5	89.4	77.0	80.8	67.9
Ohio										
April 1993	74.9	W	74.5	65.7	81.7	72.1	88.8	76.2	77.6	67.9
March 1993	84.3	W	68.1	61.3	75.5	67.0	80.0	71.2	71.3	63.4
April 1992	82.9	W	72.9	65.2	80.6	71.0	87.8	75.3	76.0	67.3
Oklahoma										
April 1993	75.1	65.9	72.1	63.0	79.8	68.4	83.0	70.7	74.5	64.0
March 1993	75.7	61.8	68.8	60.2	76.2	65.5	81.3	68.2	71.2	61.1
April 1992	72.4	64.4	70.3	62.2	75.9	67.7	80.7	69.7	72.3	63.2
South Dakota										
April 1993	86.2	72.0	80.7	68.9	83.6	74.4	87.5	78.9	81.7	69.7
March 1993	81.6	66.9	77.0	65.8	82.2	71.5	88.1	74.4	78.2	66.4
April 1992	82.2	69.1	79.9	67.4	83.1	75.5	90.1	74.8	80.8	68.0
Tennessee										
April 1993	W	-	69.3	63.9	79.2	69.2	87.3	74.6	74.5	67.1
March 1993	W	-	65.9	60.5	76.8	65.8	85.0	71.4	71.7	63.8
April 1992	W	-	68.5	64.5	78.2	69.5	86.4	75.2	73.9	67.5
Wisconsin										
April 1993	80.7	68.2	74.6	64.7	81.1	70.8	87.4	73.7	76.8	66.2
March 1993	78.9	66.0	71.5	60.2	79.3	66.3	84.1	69.3	73.6	61.7
April 1992	79.9	69.1	73.5	64.0	79.1	68.2	84.5	72.4	75.2	65.2
PAD District III Average										
April 1993	84.7	73.6	73.2	63.1	81.5	68.9	89.2	73.3	77.4	65.3
March 1993	82.3	70.1	70.2	59.6	78.7	66.1	86.3	70.0	74.5	61.9
April 1992	76.0	66.5	71.6	62.6	79.7	69.5	86.4	72.8	75.6	64.7
Alabama										
April 1993	W	-	72.3	64.4	80.7	69.5	88.5	75.5	77.0	67.5
March 1993	W	-	69.4	61.3	78.0	66.6	86.0	72.7	74.0	64.5
April 1992	W	-	72.6	65.3	79.9	70.5	89.1	76.7	76.9	68.4
Arkansas										
April 1993	NA	W	71.0	63.7	79.9	68.4	87.0	72.8	74.6	65.8
March 1993	66.5	W	69.5	60.5	78.1	65.0	85.3	69.3	72.8	62.5
April 1992	69.4	W	71.3	63.9	78.2	68.0	85.8	73.1	74.3	65.9
Louisiana										
April 1993	78.9	-	72.5	63.0	82.0	69.0	90.3	75.8	78.0	66.3
March 1993	78.3	-	69.5	59.4	79.6	68.0	84.9	72.8	74.5	62.8
April 1992	76.9	-	70.8	64.3	79.8	70.0	86.1	75.3	75.6	67.5
Mississippi										
April 1993	W	-	71.9	63.5	78.8	68.6	87.1	72.5	76.1	65.9
March 1993	W	-	69.6	58.8	77.4	64.9	85.5	67.3	73.9	61.0
April 1992	W	-	71.5	62.4	79.2	68.8	86.0	72.2	75.5	64.4
New Mexico										
April 1993	88.6	75.1	87.3	74.8	93.6	81.1	98.6	83.9	88.8	75.8
March 1993	84.8	70.5	83.6	69.7	89.0	75.5	95.9	79.0	85.1	70.8
April 1992	76.6	66.8	75.3	65.6	80.3	70.2	87.1	74.6	76.8	66.7
Texas										
April 1993	82.0	71.2	72.6	62.1	82.0	68.7	89.4	71.9	76.9	64.1
March 1993	79.3	69.4	69.4	58.9	78.7	65.6	86.4	68.8	73.9	60.9
April 1992	75.0	65.8	71.2	61.9	79.8	69.4	86.2	71.3	75.4	63.6
PAD District IV Average										
April 1993	78.8	68.4	78.2	67.6	86.0	72.3	90.5	75.3	80.5	69.0
March 1993	77.0	65.9	75.3	65.3	82.8	70.8	87.4	73.2	77.8	66.7
April 1992	78.0	67.7	76.8	67.6	82.0	74.1	88.2	75.3	78.9	68.9
Colorado										
April 1993	84.5	70.7	80.3	67.7	89.1	73.0	96.6	75.2	83.6	69.4
March 1993	81.6	68.0	76.7	65.1	84.8	71.1	91.7	73.1	79.9	66.7
April 1992	82.1	71.1	79.0	69.9	84.3	75.8	92.5	78.0	81.8	71.6

See footnotes at end of table.

**Table 28. Refiner/Reseller Motor Gasoline Prices by Grade,
PAD District, and State (Continued)**
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Leaded Regular		Unleaded Regular		Unleaded Midgrade		Premium		Motor Gasoline Average	
	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										
April 1993	75.6	69.1	74.8	67.7	84.0	68.7	85.7	77.2	75.8	69.1
March 1993	72.6	65.4	71.7	65.4	79.8	W	81.8	73.4	72.7	66.3
April 1992	74.5	67.1	73.7	66.9	76.7	W	84.0	75.0	74.7	67.7
Montana										
April 1993	78.4	67.3	79.1	67.3	W	-	86.9	75.4	79.7	68.4
March 1993	76.8	65.4	76.8	65.2	W	-	82.7	73.2	77.5	66.5
April 1992	78.0	67.1	75.9	66.3	W	-	82.3	73.5	77.3	67.4
Utah										
April 1993	76.3	66.5	73.6	66.5	77.7	70.7	84.2	74.3	76.3	68.2
March 1993	75.5	65.6	72.0	65.4	77.0	69.5	81.9	73.0	74.7	67.1
April 1992	74.6	65.8	71.8	65.4	74.4	68.4	81.4	72.8	74.1	66.8
Wyoming										
April 1993	81.5	69.0	82.0	69.5	84.2	W	91.4	76.5	83.0	70.4
March 1993	78.1	66.5	78.5	66.1	83.3	W	87.2	73.7	79.6	67.2
April 1992	79.7	68.8	79.3	68.4	W	74.2	88.3	76.3	80.4	69.5
PAD District V Average										
April 1993	74.8	66.8	78.7	69.2	84.4	77.4	96.0	84.2	81.6	72.4
March 1993	73.8	63.9	79.4	69.3	86.0	78.1	96.2	85.5	82.0	72.7
April 1992	73.8	66.7	75.8	66.6	79.3	71.8	90.6	80.2	78.4	69.7
Alaska										
April 1993	95.2	83.0	99.3	77.3	-	-	97.6	87.1	98.9	78.4
March 1993	110.7	83.7	103.6	79.2	-	-	104.8	85.9	104.2	80.0
April 1992	102.5	78.3	102.8	74.1	-	-	99.6	84.1	102.4	75.3
Arizona										
April 1993	79.2	74.1	82.7	74.0	94.1	72.6	97.9	84.6	84.3	75.4
March 1993	79.9	74.8	83.1	75.4	88.6	74.8	99.2	87.3	84.5	76.9
April 1992	73.2	68.6	75.4	69.7	77.9	73.1	90.4	81.3	77.0	71.2
California										
April 1993	W	76.4	77.2	69.6	83.9	77.4	95.5	85.2	81.2	73.5
March 1993	W	83.7	79.7	70.8	85.9	78.2	97.3	87.7	83.5	74.9
April 1992	W	73.9	73.9	66.1	78.8	71.6	89.5	79.8	77.7	69.7
Hawaii										
April 1993	-	-	104.0	93.4	102.1	99.5	118.9	106.8	108.0	98.7
March 1993	-	-	95.1	92.8	100.6	99.6	110.9	106.4	100.0	98.2
April 1992	-	-	90.8	82.6	99.2	90.8	106.6	98.2	96.3	88.5
Nevada										
April 1993	81.2	67.5	78.0	65.6	80.2	70.1	95.7	77.1	80.7	67.8
March 1993	81.2	69.8	80.2	65.5	80.9	71.3	96.9	78.5	82.7	68.1
April 1992	78.6	69.1	78.3	66.8	76.6	67.0	94.1	78.8	80.8	68.8
Oregon										
April 1993	78.1	66.3	81.1	67.0	W	-	96.5	80.7	82.0	68.4
March 1993	75.3	63.0	78.4	64.4	W	W	94.7	77.3	79.4	65.7
April 1992	78.0	67.1	81.6	67.4	W	W	95.9	80.6	82.3	68.9
Washington										
April 1993	67.6	62.7	70.8	63.4	74.3	71.4	87.0	76.4	72.5	65.5
March 1993	64.7	59.2	68.5	59.4	85.5	70.2	84.2	72.2	70.0	61.5
April 1992	69.6	65.0	72.9	65.1	W	W	87.7	78.0	74.2	67.1

Dashes (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Note: Values shown for the current month are preliminary. Values shown for previous month 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," and EIA-782B, "Reseller/Retailers' Monthly Petroleum Product Sales Report."

**Table 29. Refiner/Reseller Motor Gasoline Prices to End Users
by Grade, PAD District, and State**
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Leaded Regular		Unleaded Regular		Unleaded Midgrade		Premium		Motor Gasoline Average	
	Through Company Outlets	Other End Users	Through Company Outlets	Other End Users	Through Company Outlets	Other End Users	Through Company Outlets	Other End Users	Through Company Outlets	Other End Users
U.S. Average										
April 1993	77.4	79.7	73.7	72.7	81.8	77.1	90.4	82.5	77.6	74.9
March 1993	75.2	78.4	71.5	69.8	79.6	74.1	87.8	78.8	75.5	72.0
April 1992	75.2	78.7	72.0	72.5	79.5	76.7	87.6	81.9	75.8	74.7
PAD District I Average										
April 1993	75.6	73.9	70.8	68.9	81.4	74.6	90.5	80.6	76.6	72.0
March 1993	74.1	79.0	69.3	66.0	79.9	72.4	89.4	77.5	75.2	69.4
April 1992	75.0	73.2	69.8	68.6	79.3	74.7	87.9	80.3	75.2	72.1
Subdistrict 1A Average										
April 1993	-	W	74.2	64.5	84.0	71.2	93.0	74.3	79.6	67.8
March 1993	-	W	74.6	63.3	84.7	68.8	93.5	72.3	80.1	66.3
April 1992	-	82.9	73.6	65.2	82.7	70.6	89.8	74.5	78.6	68.3
Connecticut										
April 1993	-	-	75.4	67.1	86.2	73.3	96.9	74.2	81.8	70.1
March 1993	-	-	75.3	64.7	85.2	71.1	96.2	75.2	81.6	68.9
April 1992	-	-	73.0	66.7	81.9	72.3	90.0	78.3	78.7	70.8
Maine										
April 1993	-	-	76.6	67.6	85.4	76.5	93.7	79.2	80.4	71.5
March 1993	-	-	76.4	66.8	89.0	73.9	93.6	79.3	80.9	70.4
April 1992	-	-	79.0	69.2	91.3	75.3	94.4	79.7	83.0	72.4
Massachusetts										
April 1993	-	-	72.0	61.7	82.2	67.5	91.2	72.1	77.8	64.9
March 1993	-	-	73.3	60.4	83.4	66.1	92.6	68.4	79.0	63.4
April 1992	-	W	71.0	62.2	80.9	68.7	88.8	71.2	76.6	65.7
New Hampshire										
April 1993	-	-	75.4	63.3	85.4	71.4	92.6	73.2	80.0	66.2
March 1993	-	-	75.2	66.2	86.2	71.4	94.6	82.2	80.3	68.2
April 1992	-	-	74.8	65.4	84.1	67.3	92.0	73.1	79.5	66.6
Rhode Island										
April 1993	-	-	72.6	63.3	82.1	68.5	89.0	72.7	78.2	66.2
March 1993	-	-	72.2	62.3	80.5	67.5	87.3	72.1	77.6	65.2
April 1992	-	-	70.5	63.0	77.8	67.7	85.0	75.7	75.7	66.6
Vermont										
April 1993	-	W	78.4	71.3	87.1	76.6	95.0	84.4	82.5	74.6
March 1993	-	W	78.1	71.1	86.9	76.3	94.8	82.7	82.7	74.1
April 1992	-	W	79.9	73.1	87.6	77.8	94.6	84.3	83.8	75.6
Subdistrict 1B Average										
April 1993	76.1	75.6	69.7	68.0	79.9	73.5	89.0	80.3	75.2	71.0
March 1993	W	78.7	70.1	66.4	80.5	71.8	90.3	77.7	75.9	69.4
April 1992	75.0	72.1	70.2	68.1	79.5	74.0	88.0	79.9	75.4	71.5
Delaware										
April 1993	-	-	69.5	65.2	78.0	72.9	88.6	79.2	74.7	69.4
March 1993	-	-	69.7	63.3	78.1	72.0	88.3	76.1	74.8	67.0
April 1992	-	-	69.3	66.0	77.5	73.0	88.3	79.1	74.7	69.8
District of Columbia										
April 1993	-	-	W	64.7	W	66.3	W	71.6	W	66.3
March 1993	-	-	W	61.8	W	62.9	W	71.2	W	64.0
April 1992	-	-	W	64.5	W	66.6	W	74.7	W	67.0
Maryland										
April 1993	-	-	69.9	66.5	80.5	76.3	86.1	79.6	75.2	70.1
March 1993	-	-	70.0	63.6	80.8	74.0	88.0	77.9	75.5	67.2
April 1992	-	W	73.0	67.9	83.8	75.1	90.7	81.5	78.8	71.7
New Jersey										
April 1993	-	NA	73.8	66.9	87.2	71.4	92.7	78.8	81.0	70.4
March 1993	-	W	77.1	67.2	90.6	71.2	98.9	75.8	85.4	70.2
April 1992	-	W	69.7	66.1	81.4	71.2	88.4	76.9	77.2	70.3
New York										
April 1993	81.4	76.0	70.0	66.8	81.4	71.3	91.0	78.8	75.3	69.7
March 1993	W	78.5	70.5	65.9	81.7	69.3	91.1	76.7	75.8	68.7
April 1992	75.0	74.1	70.8	67.5	80.0	72.0	88.7	77.4	75.3	70.0
Pennsylvania										
April 1993	W	74.0	67.7	70.1	76.9	74.9	85.2	83.3	72.6	73.0
March 1993	-	76.9	67.2	68.4	76.5	73.3	84.9	81.5	72.3	71.1
April 1992	-	74.7	69.4	69.8	77.8	76.0	86.4	84.4	74.1	73.5

See footnotes at end of table.

**Table 29. Refiner/Reseller Motor Gasoline Prices to End Users
by Grade, PAD District, and State (Continued)**
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Leaded Regular		Unleaded Regular		Unleaded Midgrade		Premium		Motor Gasoline Average	
	Through Company Outlets	Other End Users	Through Company Outlets	Other End Users	Through Company Outlets	Other End Users	Through Company Outlets	Other End Users	Through Company Outlets	Other End Users
Subdistrict IC Average										
April 1993	74.8	69.4	70.7	70.6	81.6	76.4	90.9	82.1	76.7	73.8
March 1993	73.0	W	68.0	66.0	79.0	73.6	88.3	78.4	74.0	70.0
April 1992	75.1	76.5	69.0	69.8	78.7	76.0	87.5	81.7	74.6	73.4
Florida										
April 1993	-	-	72.4	73.5	84.4	75.8	93.1	81.0	79.0	75.4
March 1993	-	-	70.2	66.0	82.2	72.3	90.9	76.7	76.9	70.2
April 1992	W	-	68.3	68.9	78.6	74.1	86.5	78.3	74.4	72.4
Georgia										
April 1993	74.6	-	68.4	69.6	78.6	75.3	88.0	84.9	74.4	74.5
March 1993	71.7	-	66.1	67.0	76.9	73.6	86.8	79.6	72.4	70.4
April 1992	W	-	68.3	71.9	78.0	78.4	87.7	85.0	74.1	76.3
North Carolina										
April 1993	W	W	69.8	67.1	79.2	73.0	88.7	77.3	74.9	69.4
March 1993	NA	-	65.9	63.3	75.3	73.6	84.5	76.3	71.2	66.6
April 1992	W	NA	68.9	68.3	77.8	76.6	87.1	82.3	74.1	71.3
South Carolina										
April 1993	-	-	67.7	71.6	79.2	78.6	89.4	83.4	73.5	74.2
March 1993	-	-	64.6	64.8	75.1	70.4	85.4	78.3	69.7	68.6
April 1992	-	-	69.0	69.2	78.7	74.5	88.4	78.9	73.6	72.2
Virginia										
April 1993	-	-	71.5	69.7	82.5	78.8	91.6	83.4	77.7	74.0
March 1993	-	W	69.1	68.6	80.3	77.0	89.4	81.6	75.3	72.8
April 1992	-	W	70.3	71.1	79.7	77.7	89.2	84.2	76.0	75.2
West Virginia										
April 1993	-	W	74.7	71.4	84.8	77.3	91.8	83.7	79.2	74.8
March 1993	-	W	73.6	68.2	84.2	73.8	90.6	80.4	78.4	71.9
April 1992	W	75.0	74.3	70.8	84.5	75.8	92.2	83.7	79.0	74.6
PAD District II Average										
April 1993	81.7	82.7	73.8	74.0	81.0	79.2	87.6	81.3	76.6	75.8
March 1993	79.4	79.4	70.3	70.6	77.2	76.3	82.0	78.8	72.9	72.5
April 1992	78.9	80.8	72.3	73.1	79.3	78.8	85.6	82.5	75.0	75.1
Illinois										
April 1993	81.9	83.8	73.5	77.3	80.2	81.2	87.5	84.9	76.3	78.7
March 1993	80.9	70.1	71.0	69.0	78.4	76.6	83.6	79.4	74.1	72.1
April 1992	77.2	73.1	71.2	72.5	78.3	77.4	85.5	82.6	74.3	74.9
Indiana										
April 1993	84.2	84.4	72.8	71.6	79.7	77.2	85.8	82.3	75.9	75.4
March 1993	79.5	80.5	69.4	69.1	76.2	72.8	76.8	82.1	71.3	72.3
April 1992	85.5	81.0	71.9	70.6	79.0	77.8	84.4	84.1	74.6	74.3
Iowa										
April 1993	78.1	79.3	74.3	78.3	78.9	76.2	84.4	87.8	75.4	78.8
March 1993	75.2	75.7	71.8	76.8	78.0	82.7	81.3	87.9	72.8	77.1
April 1992	80.0	80.1	73.4	77.7	79.5	82.4	82.1	89.6	74.4	78.2
Kansas										
April 1993	77.4	-	73.8	74.3	83.0	79.4	87.5	76.0	75.6	74.5
March 1993	75.5	74.1	71.3	75.5	79.2	81.8	84.8	79.6	73.1	76.1
April 1992	79.8	77.9	73.8	76.9	80.7	80.5	87.1	79.7	75.6	77.3
Kentucky										
April 1993	W	W	70.7	69.9	81.5	75.4	89.1	82.9	75.7	73.3
March 1993	W	W	68.3	64.0	77.8	73.1	84.9	78.4	72.9	68.3
April 1992	W	W	73.5	70.4	81.0	82.4	87.4	83.9	77.0	75.7
Michigan										
April 1993	83.6	82.2	73.2	69.9	80.9	77.3	87.3	76.9	76.0	71.8
March 1993	81.6	80.1	68.2	67.0	74.8	73.7	80.0	76.1	70.8	69.2
April 1992	81.1	84.3	69.6	72.4	76.6	78.5	84.2	81.9	72.2	75.0
Minnesota										
April 1993	83.1	81.9	80.9	76.0	86.7	82.7	92.9	85.9	82.8	78.5
March 1993	80.2	79.0	79.3	76.8	86.2	84.2	90.2	86.7	81.1	79.4
April 1992	79.8	80.2	77.0	74.6	85.6	82.5	85.3	83.9	78.6	76.6
Missouri										
April 1993	78.1	80.7	70.4	73.6	78.9	79.8	85.0	78.4	73.3	74.9
March 1993	73.6	75.0	66.9	72.2	75.4	79.6	78.3	84.0	69.8	73.9
April 1992	76.2	80.4	70.2	74.5	77.4	82.3	84.4	91.3	73.1	76.2

See footnotes at end of table.

**Table 29. Refiner/Reseller Motor Gasoline Prices to End Users
by Grade, PAD District, and State (Continued)**
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Leaded Regular		Unleaded Regular		Unleaded Midgrade		Premium		Motor Gasoline Average	
	Through Company Outlets	Other End Users	Through Company Outlets	Other End Users	Through Company Outlets	Other End Users	Through Company Outlets	Other End Users	Through Company Outlets	Other End Users
Nebraska										
April 1993	81.6	76.8	78.1	75.2	84.6	79.0	87.3	80.8	79.6	75.9
March 1993	79.2	74.3	75.7	70.2	82.8	W	85.2	76.6	76.8	71.6
April 1992	77.3	76.3	76.4	71.8	81.3	W	85.4	80.5	77.7	74.0
North Dakota										
April 1993	90.0	86.2	85.9	82.1	92.2	82.2	93.8	90.3	86.8	82.8
March 1993	89.8	85.1	84.0	80.7	90.5	88.6	93.2	78.5	85.1	81.0
April 1992	84.4	79.0	81.6	77.9	87.7	83.3	88.9	90.5	82.3	78.8
Ohio										
April 1993	W	W	74.8	71.8	82.2	77.9	89.4	81.8	77.9	74.4
March 1993	71.0	NA	68.1	68.1	75.7	73.5	80.2	76.8	71.4	70.4
April 1992	78.7	86.5	73.1	70.9	81.0	76.7	88.3	81.6	76.3	73.4
Oklahoma										
April 1993	75.1	-	72.4	68.9	79.8	73.1	84.8	72.7	74.8	70.1
March 1993	75.7	-	69.1	65.4	76.3	70.0	82.2	70.2	71.5	66.2
April 1992	72.6	67.9	70.7	66.7	76.2	69.0	81.5	71.8	72.8	67.5
South Dakota										
April 1993	86.5	83.9	81.2	78.1	81.8	90.6	88.3	86.4	81.8	81.4
March 1993	82.6	79.5	77.2	75.9	81.2	NA	89.8	86.2	78.2	78.2
April 1992	81.8	82.9	80.3	78.5	81.8	91.0	90.8	89.0	81.0	80.4
Tennessee										
April 1993	W	-	69.3	67.9	79.5	72.8	87.8	77.9	74.8	70.4
March 1993	W	-	66.1	63.4	77.2	69.0	85.9	73.8	72.2	66.1
April 1992	W	-	68.6	67.3	78.5	73.0	87.0	78.6	74.1	70.4
Wisconsin										
April 1993	78.4	81.4	74.5	75.4	80.5	87.7	87.3	89.0	76.7	77.4
March 1993	77.5	80.2	71.4	72.4	79.3	79.4	84.1	83.4	73.5	73.8
April 1992	78.8	81.2	73.4	74.0	79.3	77.9	84.5	82.8	75.2	75.1
PAD District III Average										
April 1993	84.8	83.9	73.4	71.6	82.0	75.1	90.0	80.7	77.8	73.5
March 1993	82.5	80.3	70.6	67.4	79.5	70.8	87.7	74.8	75.2	69.2
April 1992	76.1	75.6	71.5	71.9	80.0	76.3	87.2	79.3	75.8	73.9
Alabama										
April 1993	W	-	72.6	69.7	81.4	73.6	89.7	79.0	77.5	72.2
March 1993	W	-	69.6	67.7	78.9	72.8	87.4	78.5	74.4	71.2
April 1992	W	-	72.6	72.6	80.4	77.0	89.7	85.3	77.1	76.0
Arkansas										
April 1993	NA	-	71.7	66.5	80.8	71.9	89.3	77.7	75.4	69.4
March 1993	67.7	W	69.3	71.3	77.9	80.3	86.0	78.7	72.8	73.3
April 1992	72.6	W	71.0	73.3	78.4	74.9	86.0	83.2	74.2	74.6
Louisiana										
April 1993	78.9	-	72.7	70.7	82.5	77.7	91.1	85.0	78.5	74.8
March 1993	W	NA	69.7	68.0	80.0	69.4	88.2	NA	75.2	68.7
April 1992	W	W	70.6	72.3	80.2	73.5	87.4	78.1	75.7	74.1
Mississippi										
April 1993	W	-	72.0	71.0	79.2	74.1	88.0	78.8	76.4	73.0
March 1993	W	-	69.6	69.8	78.0	72.2	86.3	80.1	74.1	72.2
April 1992	W	-	71.3	72.4	79.3	77.8	87.0	80.9	75.5	75.0
New Mexico										
April 1993	88.8	86.0	88.0	81.5	95.0	86.0	99.8	90.6	89.4	83.1
March 1993	85.0	83.2	84.4	77.4	90.4	80.2	97.7	85.2	85.9	79.1
April 1992	76.7	76.4	75.5	73.9	80.2	82.3	88.5	80.7	77.1	75.3
Texas										
April 1993	81.9	82.6	72.6	72.4	82.3	74.5	89.8	79.3	77.2	73.4
March 1993	79.4	77.4	70.0	65.7	79.7	68.8	87.7	73.5	74.8	67.2
April 1992	75.0	72.3	71.2	71.1	80.1	76.3	86.9	76.6	75.7	72.8
PAD District IV Average										
April 1993	79.4	77.6	78.5	76.7	86.6	72.3	91.3	83.1	81.1	77.4
March 1993	77.5	75.9	75.5	74.4	83.0	73.2	88.4	81.6	78.2	75.7
April 1992	78.2	77.3	76.9	75.8	82.2	75.6	89.0	82.7	79.3	77.0
Colorado										
April 1993	86.0	78.9	80.9	75.1	90.1	71.5	97.9	80.2	84.5	75.7
March 1993	83.3	78.1	77.0	74.0	85.1	70.2	93.3	81.2	80.4	75.7
April 1992	82.6	80.4	79.2	77.2	84.5	74.3	93.5	83.7	82.2	78.6

See footnotes at end of table.

**Table 29. Refiner/Reseller Motor Gasoline Prices to End Users
by Grade, PAD District, and State (Continued)**
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Leaded Regular		Unleaded Regular		Unleaded Midgrade		Premium		Motor Gasoline Average	
	Through Company Outlets	Other End Users	Through Company Outlets	Other End Users	Through Company Outlets	Other End Users	Through Company Outlets	Other End Users	Through Company Outlets	Other End Users
Idaho										
April 1993	74.8	76.9	74.4	75.7	84.0	W	85.2	86.9	75.4	76.7
March 1993	72.0	73.8	71.3	72.5	W	W	81.5	82.3	72.2	73.6
April 1992	74.1	75.1	73.8	73.5	75.6	W	83.9	84.1	74.6	74.7
Montana										
April 1993	78.5	78.4	79.1	79.1	W	W	87.6	84.5	79.9	79.3
March 1993	76.5	NA	76.4	77.5	W	W	81.9	84.5	77.1	78.2
April 1992	76.8	79.6	75.3	77.6	W	W	81.7	83.5	76.5	79.0
Utah										
April 1993	75.7	NA	73.4	75.8	77.7	-	84.4	81.8	76.2	77.3
March 1993	75.5	75.6	71.9	73.1	76.9	NA	82.2	79.5	74.7	74.8
April 1992	74.9	72.5	71.8	71.5	74.3	W	81.7	78.5	74.2	73.1
Wyoming										
April 1993	83.3	75.4	82.6	79.6	84.2	W	92.2	87.8	83.9	79.6
March 1993	79.7	74.1	78.9	77.1	83.3	-	88.4	83.5	80.2	77.5
April 1992	80.9	76.5	79.7	77.8	W	-	89.8	82.8	81.1	78.1
PAD District V Average										
April 1993	74.4	78.1	79.1	76.6	85.0	81.1	97.1	89.9	82.1	79.1
March 1993	73.1	79.3	79.8	76.5	86.7	79.7	97.3	87.4	82.4	78.4
April 1992	73.0	78.4	75.7	76.4	79.2	80.4	91.0	88.1	78.4	78.5
Alaska										
April 1993	95.4	93.4	102.6	89.0	-	-	107.9	84.0	102.7	87.9
March 1993	104.7	NA	NA	87.6	-	-	109.1	86.3	107.7	90.2
April 1992	99.5	NA	108.1	87.6	-	-	104.8	82.7	106.9	89.0
Arizona										
April 1993	79.2	78.8	83.1	77.7	94.9	81.8	98.2	86.4	84.7	78.4
March 1993	79.7	82.2	83.3	82.1	88.6	W	99.3	97.1	84.6	83.1
April 1992	72.8	76.3	75.4	75.6	77.9	-	90.6	85.8	77.1	76.2
California										
April 1993	W	-	77.6	75.6	84.4	81.2	96.9	89.2	81.8	78.6
March 1993	W	W	80.3	74.8	86.5	80.0	98.8	87.2	84.2	77.6
April 1992	W	W	73.6	75.3	78.7	80.4	89.7	88.3	77.6	78.1
Hawaii										
April 1993	-	-	111.3	82.7	114.2	82.1	127.2	99.2	115.8	87.6
March 1993	-	-	103.2	78.8	111.2	78.3	119.3	90.7	108.6	81.6
April 1992	-	-	97.2	79.0	110.8	80.9	115.2	89.1	104.0	81.9
Nevada										
April 1993	81.2	W	78.6	74.1	80.2	79.8	95.8	90.7	81.4	74.7
March 1993	81.2	-	80.6	75.0	81.0	76.2	97.1	88.3	83.1	75.6
April 1992	77.1	84.9	78.7	75.5	76.6	76.8	94.5	89.2	81.3	77.6
Oregon										
April 1993	77.7	79.7	81.3	79.9	W	-	97.0	93.7	82.2	81.1
March 1993	74.2	79.7	78.3	79.0	W	W	95.4	89.1	79.4	79.6
April 1992	77.7	79.2	82.0	79.8	W	-	96.9	90.3	82.7	80.7
Washington										
April 1993	66.3	75.6	70.4	73.8	73.2	W	87.2	85.3	72.1	75.5
March 1993	64.0	71.5	68.2	70.6	W	W	84.7	79.3	69.7	72.3
April 1992	68.7	76.1	72.5	75.3	-	W	88.0	85.0	73.9	76.5

Dashes (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Note: Values shown for the current month are preliminary. Values shown for previous month 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," and EIA-782B, "Reseller/Retailers' Monthly Petroleum Product Sales Report."

**Table 30. Refiner/Reseller Total Motor Gasoline Prices
by Seller, PAD District, and State**
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Major Refiners			Other Refiners			All Refiners			Resellers		
	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
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
U.S. Average												
April 1993	78.8	68.1	68.7	76.7	67.0	63.5	78.3	67.8	67.6	77.2	76.1	68.5
March 1993	76.9	65.0	66.5	74.3	64.4	60.2	76.2	64.8	65.2	75.0	73.3	66.4
April 1992	75.4	67.5	67.4	73.8	66.5	63.6	75.0	67.2	66.6	76.4	76.1	68.0
PAD District I Average												
April 1993	77.6	65.8	68.3	73.7	64.6	62.3	77.0	65.3	67.6	76.4	73.4	68.2
March 1993	76.4	62.6	66.1	72.0	62.9	59.4	75.7	62.7	65.4	74.9	70.8	66.8
April 1992	73.3	64.9	67.6	72.3	64.3	62.6	73.2	64.7	67.1	76.3	74.2	67.6
Subdistrict IA Average												
April 1993	82.3	62.7	67.4	-	W	58.6	82.3	60.6	66.3	79.1	71.2	65.3
March 1993	82.8	60.7	65.9	-	W	57.2	82.8	59.1	65.4	79.7	68.5	66.4
April 1992	74.4	64.9	67.7	-	W	59.0	74.4	62.4	66.8	79.3	70.7	66.3
Connecticut												
April 1993	W	66.0	68.7	-	W	W	W	62.7	68.5	81.1	74.8	71.2
March 1993	W	64.5	67.2	-	W	W	W	63.8	66.9	80.8	71.3	70.8
April 1992	W	66.9	68.2	-	W	W	W	64.5	68.1	79.4	74.3	70.0
Maine												
April 1993	-	W	62.4	-	W	W	-	59.4	62.4	80.4	73.4	64.6
March 1993	-	W	61.2	-	W	W	-	57.1	61.2	80.9	71.8	63.5
April 1992	-	W	66.3	-	W	W	-	63.1	66.0	83.0	74.5	68.6
Massachusetts												
April 1993	82.5	61.2	67.8	-	W	58.0	82.5	59.8	65.8	76.9	68.1	61.9
March 1993	82.9	58.7	66.2	-	W	56.9	82.9	57.8	65.7	78.1	65.4	63.8
April 1992	75.2	64.1	68.0	-	W	57.7	75.2	61.7	66.3	77.0	67.4	62.7
New Hampshire												
April 1993	79.4	W	67.5	-	W	W	79.4	W	66.8	80.2	73.0	69.4
March 1993	79.9	57.0	66.0	-	W	W	79.9	57.1	65.3	80.4	73.1	69.1
April 1992	W	W	67.1	-	W	W	74.2	W	66.6	80.6	73.7	71.3
Rhode Island												
April 1993	W	W	67.8	-	W	W	76.4	63.3	66.8	78.8	67.2	66.9
March 1993	W	W	65.9	-	W	W	77.0	60.7	64.2	77.7	66.8	62.3
April 1992	72.6	W	66.4	-	W	W	72.6	64.1	65.9	76.7	67.8	66.5
Vermont												
April 1993	-	W	W	-	W	W	-	W	68.3	82.5	75.3	72.0
March 1993	-	W	W	-	W	W	-	W	66.6	82.7	74.5	71.1
April 1992	-	W	W	-	-	W	-	W	68.6	83.8	75.8	73.3
Subdistrict IB Average												
April 1993	77.3	W	68.1	71.9	65.9	62.7	76.3	65.4	67.6	74.5	72.0	66.8
March 1993	77.6	W	66.9	71.0	64.0	59.2	76.3	63.5	66.1	75.6	70.6	65.7
April 1992	74.2	W	68.2	71.6	65.3	62.4	73.7	64.7	67.6	76.7	73.0	65.1
Delaware												
April 1993	W	62.1	65.3	-	-	60.4	W	62.1	65.1	73.7	70.5	67.8
March 1993	W	W	W	-	-	57.3	W	W	64.1	74.1	68.4	63.7
April 1992	W	W	W	-	-	61.9	W	W	63.5	74.5	71.3	65.9
District of Columbia												
April 1993	-	W	76.6	-	-	-	-	W	76.6	W	66.2	NA
March 1993	-	W	75.3	-	-	W	-	W	75.2	W	63.9	60.8
April 1992	-	63.9	75.8	-	-	W	-	63.9	75.4	W	69.2	W
Maryland												
April 1993	-	63.9	70.7	-	-	68.7	-	63.9	70.4	75.2	70.8	65.9
March 1993	-	59.5	68.1	-	W	65.7	-	59.6	67.7	75.5	68.3	66.4
April 1992	-	63.8	71.3	W	W	70.1	W	63.6	71.2	78.8	73.1	70.0
New Jersey												
April 1993	84.9	64.6	70.1	W	W	60.1	84.6	65.0	68.9	NA	73.2	67.0
March 1993	86.6	62.5	68.4	W	W	56.4	86.2	63.3	67.0	84.2	73.0	65.1
April 1992	77.2	61.6	68.4	W	W	61.0	77.1	63.2	67.5	77.4	72.2	62.0
New York												
April 1993	76.4	68.4	68.7	W	W	61.4	74.1	66.9	68.2	76.2	70.0	66.2
March 1993	76.7	68.6	69.2	W	W	58.9	74.1	65.4	68.3	77.2	69.1	66.6
April 1992	74.4	65.1	70.4	W	W	61.2	72.6	65.2	69.5	77.7	70.7	67.1
Pennsylvania												
April 1993	73.0	64.0	64.4	76.2	66.4	61.9	73.7	65.4	64.2	71.9	74.4	67.6
March 1993	72.5	62.3	62.4	75.0	64.9	58.1	73.1	63.9	62.0	71.7	72.8	65.5
April 1992	72.4	66.2	64.7	76.0	65.4	61.4	73.1	65.6	64.4	75.1	75.8	67.5

See footnotes at end of table.

**Table 30. Refiner/Reseller Total Motor Gasoline Prices
by Seller, PAD District, and State (Continued)**
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Major Refiners			Other Refiners			All Refiners			Resellers		
	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
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
Subdistrict IC Average												
April 1993	77.4	66.9	68.7	74.8	67.9	63.3	77.0	67.2	68.1	76.5	74.9	70.0
March 1993	75.3	62.7	65.4	72.7	63.7	59.8	74.9	63.0	64.7	73.6	71.4	67.8
April 1992	72.7	65.3	67.1	72.8	65.2	63.8	72.7	65.3	66.7	75.5	75.9	70.8
Florida												
April 1993	80.3	66.6	72.1	79.0	W	64.0	80.2	66.8	71.0	78.0	77.5	72.2
March 1993	77.9	62.6	68.9	76.6	W	60.2	77.8	62.6	67.6	76.2	73.0	68.7
April 1992	72.2	65.4	67.2	73.5	W	63.9	72.4	64.7	66.8	76.2	75.6	68.6
Georgia												
April 1993	72.8	66.3	67.2	72.7	W	63.2	72.8	66.3	66.7	75.2	76.2	69.6
March 1993	70.2	62.0	63.6	70.2	W	59.6	70.2	62.0	63.2	73.5	72.3	69.8
April 1992	70.4	66.2	66.1	71.3	-	63.7	70.5	66.2	65.8	75.7	78.0	71.3
North Carolina												
April 1993	73.3	63.9	66.2	W	-	62.6	72.8	63.9	65.9	75.4	69.9	68.8
March 1993	70.6	60.0	62.5	W	W	59.5	69.9	60.0	62.3	71.4	67.1	65.5
April 1992	72.8	62.7	66.9	W	-	63.9	72.4	62.7	66.6	74.3	74.2	70.9
South Carolina												
April 1993	70.6	66.4	66.2	W	W	62.6	70.4	66.4	65.9	75.3	74.9	67.8
March 1993	68.3	62.5	62.7	W	-	59.2	68.0	62.5	62.4	70.6	69.4	66.7
April 1992	69.7	67.2	66.9	W	-	63.6	69.8	67.2	66.6	75.3	74.2	70.7
Virginia												
April 1993	84.0	67.2	68.7	W	W	63.2	79.0	66.8	68.1	77.3	74.8	71.4
March 1993	82.5	63.0	65.4	W	W	59.7	77.7	62.8	64.9	74.4	74.0	68.0
April 1992	77.9	65.7	68.0	W	W	64.1	76.0	65.4	67.7	75.9	77.1	71.6
West Virginia												
April 1993	80.1	76.6	68.4	W	W	62.4	80.2	73.8	67.3	77.9	75.3	75.0
March 1993	80.5	72.2	65.4	W	W	58.0	80.1	71.2	63.9	76.1	72.2	71.0
April 1992	82.8	74.4	68.3	W	W	63.4	79.5	73.2	67.4	78.2	75.4	73.5
PAD District II Average												
April 1993	78.1	67.8	67.2	74.4	65.2	63.5	77.1	67.7	66.2	76.3	77.1	68.8
March 1993	73.7	64.0	63.5	70.2	62.9	60.4	72.7	63.9	62.7	73.1	74.1	65.5
April 1992	75.6	67.7	66.4	71.8	65.1	63.4	74.5	67.6	65.5	75.3	76.2	68.9
Illinois												
April 1993	79.3	63.9	68.1	W	W	62.7	77.7	63.9	67.1	75.4	NA	67.9
March 1993	75.7	60.5	64.3	W	-	58.7	74.3	60.5	63.3	73.9	73.0	64.8
April 1992	73.5	64.5	66.0	W	W	61.3	72.9	64.5	64.8	75.5	75.3	70.4
Indiana												
April 1993	77.0	64.5	66.3	W	W	63.1	76.0	64.4	65.8	75.8	75.8	68.1
March 1993	72.3	60.2	62.4	W	W	59.3	70.7	60.2	61.9	72.8	72.9	63.8
April 1992	74.7	64.2	65.6	W	W	63.8	73.8	64.1	65.2	75.3	75.0	68.0
Iowa												
April 1993	77.5	W	67.3	75.2	-	64.4	75.7	W	66.2	75.3	79.0	68.7
March 1993	74.7	W	64.8	72.3	-	61.8	72.9	W	63.6	72.7	77.4	66.9
April 1992	75.6	64.6	66.5	73.2	-	64.2	73.8	64.6	65.6	74.6	79.0	68.9
Kansas												
April 1993	77.5	W	65.8	73.5	W	62.7	75.3	65.1	63.6	75.7	NA	70.5
March 1993	74.6	W	64.0	70.7	W	60.0	72.4	62.8	61.1	73.4	77.6	64.9
April 1992	77.1	65.6	65.7	73.1	W	63.2	74.9	65.0	64.1	76.0	78.5	66.8
Kentucky												
April 1993	73.8	71.1	67.1	74.3	-	64.7	73.9	71.1	67.0	76.8	73.8	70.7
March 1993	74.2	66.0	63.7	69.9	-	61.5	73.7	66.0	63.6	72.4	69.1	67.7
April 1992	77.8	73.4	69.0	73.8	-	65.0	77.2	73.4	68.7	76.9	76.5	72.4
Michigan												
April 1993	76.3	65.7	67.2	W	W	63.9	75.1	65.5	66.6	77.4	75.0	69.2
March 1993	71.1	62.5	62.7	W	W	59.4	69.8	62.4	62.2	72.0	72.4	64.5
April 1992	73.2	65.8	66.7	W	-	65.3	70.7	65.8	66.5	73.8	77.9	69.8
Minnesota												
April 1993	83.4	66.3	70.0	85.3	W	66.3	83.8	66.0	68.5	82.0	79.0	69.6
March 1993	81.4	64.7	67.4	83.6	W	63.8	81.9	64.4	66.0	80.6	80.4	68.7
April 1992	77.9	65.7	67.6	82.0	W	64.8	79.0	65.4	66.4	78.3	77.4	69.4
Missouri												
April 1993	76.8	63.7	66.6	71.4	W	63.4	74.3	63.7	65.6	72.9	76.2	67.7
March 1993	74.1	61.2	63.7	68.5	W	60.3	71.5	61.2	62.7	69.1	75.4	65.0
April 1992	74.8	63.6	65.9	71.6	W	63.8	73.4	63.6	65.2	73.0	77.1	67.7

See footnotes at end of table.

**Table 30. Refiner/Reseller Total Motor Gasoline Prices
by Seller, PAD District, and State (Continued)**
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Major Refiners			Other Refiners			All Refiners			Resellers		
	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
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
Nebraska												
April 1993	W	W	67.8	77.3	W	64.8	78.2	64.8	66.4	79.9	76.4	70.2
March 1993	W	W	65.1	74.9	W	62.1	76.0	62.1	63.6	77.0	72.2	67.9
April 1992	W	66.0	67.0	76.0	-	64.8	76.7	66.0	65.9	78.0	74.2	70.7
North Dakota												
April 1993	86.5	W	71.1	W	-	66.8	86.2	W	68.9	86.8	82.9	70.2
March 1993	84.6	W	68.5	W	-	63.2	84.4	W	65.8	85.1	81.2	68.5
April 1992	84.9	W	68.8	W	-	66.0	84.1	W	67.4	82.2	78.8	68.8
Ohio												
April 1993	79.0	70.8	68.0	W	W	64.1	78.4	70.9	67.7	76.4	76.4	68.5
March 1993	72.2	66.3	63.2	W	W	60.2	71.7	66.4	63.0	70.9	72.8	65.1
April 1992	77.1	70.3	67.1	W	W	64.6	76.7	70.3	66.9	75.4	75.3	68.6
Oklahoma												
April 1993	77.5	65.2	64.3	74.2	W	61.8	76.5	64.9	62.9	73.9	72.2	67.0
March 1993	73.7	62.4	61.6	71.1	W	59.6	73.0	61.9	60.4	70.8	68.0	63.6
April 1992	73.8	64.1	63.3	71.5	W	61.7	73.1	64.1	62.4	72.6	68.9	65.3
South Dakota												
April 1993	W	W	69.1	W	W	66.9	80.2	67.8	68.1	81.9	81.6	73.5
March 1993	W	W	66.5	W	W	63.7	76.4	68.2	65.1	78.3	78.3	70.3
April 1992	W	W	67.9	W	W	65.6	79.1	66.0	66.7	81.1	80.4	72.0
Tennessee												
April 1993	77.1	65.2	66.7	75.4	64.1	62.5	76.5	65.0	66.2	73.6	71.3	69.6
March 1993	74.3	62.6	63.1	72.8	W	59.5	73.8	62.6	62.6	70.8	66.7	67.2
April 1992	75.2	65.6	66.8	72.5	W	63.4	74.1	64.7	66.3	74.1	71.5	70.5
Wisconsin												
April 1993	75.3	65.1	66.0	W	W	63.2	74.7	64.8	65.2	77.4	77.8	68.1
March 1993	71.4	61.1	62.1	W	W	59.6	70.9	60.8	61.3	75.2	74.2	62.7
April 1992	73.6	65.1	65.1	W	W	63.6	73.0	64.6	64.6	76.6	75.3	66.7
PAD District III Average												
April 1993	80.2	67.0	66.1	77.3	62.4	62.5	79.1	65.3	64.8	77.1	74.8	66.8
March 1993	78.1	63.3	62.3	74.4	58.8	58.6	76.6	61.4	60.9	74.1	70.3	64.6
April 1992	76.4	64.7	64.8	73.6	65.1	62.2	75.3	64.8	63.9	76.1	74.8	66.5
Alabama												
April 1993	77.2	65.1	66.4	74.4	W	63.4	76.5	65.1	65.8	77.8	73.1	73.2
March 1993	74.2	60.3	62.6	71.1	W	59.8	73.5	60.4	62.1	74.7	72.9	71.9
April 1992	75.5	65.9	66.8	74.1	W	64.4	75.1	65.8	66.3	77.6	77.4	74.1
Arkansas												
April 1993	77.1	W	66.2	W	W	62.7	75.1	W	64.7	75.5	NA	68.0
March 1993	74.2	60.8	63.2	W	W	59.6	72.1	60.8	61.6	73.0	73.8	65.1
April 1992	77.1	64.6	65.7	W	W	63.3	74.1	64.5	64.8	74.3	75.0	68.3
Louisiana												
April 1993	81.1	64.0	66.4	77.1	67.7	62.1	80.4	64.1	65.1	77.7	75.8	71.9
March 1993	79.7	60.9	62.1	75.5	65.9	58.8	78.9	61.2	61.2	73.0	70.1	67.6
April 1992	78.5	63.5	66.8	74.0	67.6	64.4	77.6	63.9	66.2	74.4	75.6	71.0
Mississippi												
April 1993	W	65.5	65.1	76.5	63.5	62.4	75.6	64.4	64.3	76.5	73.6	71.1
March 1993	W	62.9	60.2	74.0	59.8	58.9	73.2	61.9	59.9	74.2	72.8	65.0
April 1992	W	64.4	64.3	72.2	65.6	61.7	71.6	64.6	63.4	75.9	75.6	67.1
New Mexico												
April 1993	91.3	77.4	76.5	93.4	76.2	72.8	92.7	77.2	74.9	88.1	84.2	79.2
March 1993	84.9	71.8	70.9	88.3	69.9	68.5	87.2	71.4	69.9	85.2	80.3	76.0
April 1992	74.9	W	66.5	80.3	65.7	64.7	78.6	65.7	65.7	76.3	75.8	72.3
Texas												
April 1993	80.2	67.2	65.4	76.2	W	61.7	78.7	64.4	63.9	75.7	75.7	64.6
March 1993	78.2	64.3	62.1	73.6	W	57.8	76.3	60.8	60.1	73.1	68.2	62.7
April 1992	76.3	64.6	64.0	73.2	64.8	61.7	75.1	64.7	63.1	76.5	73.7	64.8
PAD District IV Average												
April 1993	81.9	69.1	68.9	84.5	78.0	67.0	83.1	73.4	68.1	79.8	77.6	71.5
March 1993	78.7	67.1	66.7	80.5	73.2	64.7	79.5	70.1	65.9	77.2	76.0	69.8
April 1992	80.1	68.2	68.5	81.1	72.1	67.2	80.5	70.7	68.0	78.2	77.4	72.0

See footnotes at end of table.

**Table 30. Refiner/Reseller Total Motor Gasoline Prices
by Seller, PAD District, and State (Continued)**
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Major Refiners			Other Refiners			All Refiners			Resellers		
	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
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
Colorado												
April 1993	84.9	W	70.8	85.1	W	66.6	85.0	W	68.9	83.5	76.0	70.5
March 1993	80.9	W	67.5	81.0	W	64.1	80.9	W	66.0	79.5	76.0	69.5
April 1992	83.4	W	72.4	81.6	W	69.4	82.5	68.9	71.0	81.8	79.0	73.4
Idaho												
April 1993	-	W	67.7	W	-	66.7	W	W	67.4	75.4	76.9	74.2
March 1993	-	W	65.4	W	-	64.3	W	W	65.0	72.2	73.7	70.1
April 1992	W	W	66.6	W	-	65.9	76.7	W	66.3	74.5	74.8	71.8
Montana												
April 1993	-	W	68.0	W	98.6	67.7	W	98.0	67.9	80.1	78.7	70.1
March 1993	-	W	66.2	W	91.4	65.3	W	90.1	65.8	77.3	77.5	68.7
April 1992	W	W	66.5	W	93.8	65.9	W	91.2	66.3	77.6	78.5	70.2
Utah												
April 1993	75.0	W	67.6	W	W	66.8	75.0	68.6	67.4	76.7	78.8	71.4
March 1993	73.6	68.0	66.9	W	W	65.5	73.7	67.1	66.4	75.2	76.7	70.9
April 1992	72.9	W	66.5	W	W	65.4	72.9	66.7	66.1	74.8	74.6	70.9
Wyoming												
April 1993	W	72.8	69.5	84.4	W	68.5	83.4	73.4	69.0	84.0	79.8	74.0
March 1993	W	69.8	66.8	78.9	W	65.5	77.2	70.3	66.1	80.8	77.9	71.3
April 1992	W	69.1	69.1	82.0	W	67.5	80.2	69.6	68.2	81.3	78.8	73.2
PAD District V Average												
April 1993	80.8	73.4	73.7	81.3	79.8	66.4	80.9	75.0	72.6	83.7	79.7	71.7
March 1993	82.1	71.8	74.8	83.2	77.6	63.0	82.4	73.0	72.9	82.5	79.6	71.2
April 1992	76.9	72.3	70.1	77.2	71.9	66.9	76.9	72.2	69.6	80.4	80.2	70.1
Alaska												
April 1993	W	W	76.5	98.8	78.3	W	98.1	78.5	75.9	123.9	103.9	NA
March 1993	W	W	76.9	98.7	77.6	W	98.1	77.8	75.7	NA	104.3	89.6
April 1992	W	W	74.1	95.9	W	W	94.8	72.4	70.0	NA	100.2	89.1
Arizona												
April 1993	82.5	77.2	74.7	W	90.0	73.3	83.3	80.4	74.5	85.7	NA	79.0
March 1993	84.5	77.9	77.1	W	W	71.8	84.7	79.4	76.5	84.6	83.6	80.0
April 1992	75.3	W	71.0	W	69.5	68.7	76.0	70.2	70.6	77.9	77.7	75.7
California												
April 1993	83.3	72.7	75.6	78.0	W	65.5	81.8	72.6	74.0	82.0	79.4	70.4
March 1993	86.0	71.0	77.9	81.1	69.2	62.5	84.6	70.9	75.4	83.2	79.0	71.1
April 1992	77.6	71.5	70.6	73.9	71.0	66.5	76.5	71.5	69.9	80.6	80.3	68.3
Hawaii												
April 1993	W	W	W	W	W	W	107.3	W	98.3	123.7	NA	NA
March 1993	W	W	W	W	W	W	107.0	W	97.9	W	110.1	108.2
April 1992	W	W	W	W	W	W	103.5	77.0	88.2	W	104.5	98.9
Nevada												
April 1993	W	73.6	67.2	W	W	70.7	72.4	72.6	67.7	83.4	75.1	NA
March 1993	W	72.6	68.1	W	W	64.7	73.9	72.3	67.4	85.8	77.1	73.1
April 1992	73.8	72.8	67.5	W	W	71.7	73.6	73.0	68.1	83.3	78.3	75.2
Oregon												
April 1993	81.0	66.5	67.8	W	W	65.5	81.7	76.5	67.5	82.3	81.3	72.5
March 1993	79.7	66.6	64.8	W	W	60.2	80.6	72.1	64.1	78.9	80.0	72.9
April 1992	82.1	68.1	67.9	W	W	67.6	82.2	73.1	67.8	82.9	80.9	73.3
Washington												
April 1993	68.6	54.8	65.0	W	-	64.2	69.8	64.8	64.9	75.5	75.9	69.1
March 1993	65.8	59.7	60.5	W	-	59.0	67.0	59.7	60.3	73.8	72.9	66.0
April 1992	72.0	67.2	66.0	W	W	66.8	73.0	66.8	66.1	75.2	77.2	70.7

Dashes (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

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

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

**Table 31. Refiner/Reseller Ledged Regular Gasoline Prices
by Seller, PAD District, and State
(Cents per Gallon Excluding Taxes)**

Geographic Area Month	Major Refiners			Other Refiners			All Refiners			Resellers		
	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
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
U.S. Average												
April 1993	68.3	76.9	66.1	83.4	NA	68.0	73.0	76.4	66.7	79.1	79.7	72.7
March 1993	68.0	76.0	63.7	81.1	NA	64.4	71.6	72.6	63.9	76.8	78.4	68.9
April 1992	69.8	75.7	65.6	77.7	67.7	66.1	72.3	70.1	65.8	76.3	78.9	70.8
PAD District I Average												
April 1993	-	W	W	-	-	-	-	W	W	75.6	NA	NA
March 1993	-	W	W	-	-	-	-	W	W	74.1	NA	W
April 1992	W	W	W	W	W	W	W	70.9	W	75.0	75.3	W
Subdistrict 1A Average												
April 1993	-	-	-	-	-	-	-	-	-	-	W	W
March 1993	-	-	-	-	-	-	-	-	-	-	W	-
April 1992	-	-	-	-	-	-	-	-	-	-	82.9	-
Connecticut												
April 1993	-	-	-	-	-	-	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
April 1992	-	-	-	-	-	-	-	-	-	-	-	-
Maine												
April 1993	-	-	-	-	-	-	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
April 1992	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts												
April 1993	-	-	-	-	-	-	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
April 1992	-	-	-	-	-	-	-	-	-	-	W	-
New Hampshire												
April 1993	-	-	-	-	-	-	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
April 1992	-	-	-	-	-	-	-	-	-	-	-	-
Rhode Island												
April 1993	-	-	-	-	-	-	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
April 1992	-	-	-	-	-	-	-	-	-	-	-	-
Vermont												
April 1993	-	-	-	-	-	-	-	-	-	-	W	W
March 1993	-	-	-	-	-	-	-	-	-	-	W	-
April 1992	-	-	-	-	-	-	-	-	-	-	W	-
Subdistrict 1B Average												
April 1993	-	W	W	-	-	-	-	W	W	NA	NA	NA
March 1993	-	W	W	-	-	-	-	W	W	W	NA	W
April 1992	W	W	W	W	W	-	W	70.6	W	W	74.2	W
Delaware												
April 1993	-	-	-	-	-	-	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
April 1992	-	-	-	-	-	-	-	-	-	-	-	-
District of Columbia												
April 1993	-	-	-	-	-	-	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
April 1992	-	-	-	-	-	-	-	-	-	-	-	-
Maryland												
April 1993	-	-	-	-	-	-	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
April 1992	-	W	-	-	-	-	-	W	-	-	-	-
New Jersey												
April 1993	-	-	-	-	-	-	-	-	-	-	NA	-
March 1993	-	-	-	-	-	-	-	-	-	-	W	W
April 1992	-	-	-	-	W	-	-	W	-	-	W	W
New York												
April 1993	-	W	W	-	-	-	-	W	W	NA	NA	NA
March 1993	-	W	W	-	-	-	-	W	W	W	W	NA
April 1992	W	W	W	W	W	-	W	W	W	W	W	W
Pennsylvania												
April 1993	-	W	W	-	-	-	-	W	W	W	W	W
March 1993	-	W	-	-	-	-	-	W	-	-	NA	-
April 1992	-	W	W	-	-	-	-	W	W	-	74.5	-

See footnotes at end of table.

**Table 31. Refiner/Reseller Ledged Regular Gasoline Prices
by Seller, PAD District, and State (Continued)**
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Major Refiners			Other Refiners			All Refiners			Resellers		
	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
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
Subdistrict IC Average												
April 1993	-	W	-	-	-	-	-	W	-	74.8	W	W
March 1993	-	W	-	-	-	-	-	W	-	73.0	W	-
April 1992	-	W	-	-	-	W	-	W	W	75.1	76.4	W
Florida												
April 1993	-	-	-	-	-	-	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
April 1992	-	-	-	-	-	-	-	-	-	W	-	-
Georgia												
April 1993	-	-	-	-	-	-	-	-	-	74.6	-	-
March 1993	-	-	-	-	-	-	-	-	-	71.7	-	-
April 1992	-	-	-	-	-	-	-	-	-	W	-	-
North Carolina												
April 1993	-	-	-	-	-	-	-	-	-	W	W	W
March 1993	-	-	-	-	-	-	-	-	-	NA	-	-
April 1992	-	-	-	-	-	-	-	-	-	W	NA	-
South Carolina												
April 1993	-	-	-	-	-	-	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
April 1992	-	-	-	-	-	-	-	-	-	-	-	-
Virginia												
April 1993	-	-	-	-	-	-	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	W	-
April 1992	-	-	-	-	-	-	-	-	-	-	W	W
West Virginia												
April 1993	-	W	-	-	-	-	-	W	-	-	-	-
March 1993	-	W	-	-	-	-	-	W	-	-	-	-
April 1992	-	W	-	-	-	W	-	W	W	W	W	-
PAD District II Average												
April 1993	W	W	69.0	W	-	66.5	W	W	66.8	81.6	82.7	71.3
March 1993	W	W	65.2	W	-	62.6	80.4	W	62.9	79.4	79.4	68.0
April 1992	W	W	66.3	75.9	W	65.8	76.6	W	65.8	79.1	80.8	69.2
Illinois												
April 1993	-	-	-	-	-	W	-	-	W	81.9	83.8	W
March 1993	-	-	-	-	-	W	-	-	W	80.9	NA	72.7
April 1992	-	-	-	-	-	W	-	-	W	77.2	73.1	73.5
Indiana												
April 1993	-	W	-	-	-	W	-	W	W	84.2	84.4	75.8
March 1993	-	W	-	-	-	W	-	W	W	79.5	80.5	71.6
April 1992	-	W	-	-	-	W	-	W	W	85.5	81.0	71.6
Iowa												
April 1993	-	-	-	W	-	-	W	-	-	78.2	79.3	NA
March 1993	-	-	-	W	-	-	W	-	-	75.5	75.7	66.1
April 1992	-	-	-	W	-	-	W	-	-	80.4	80.1	68.2
Kansas												
April 1993	-	-	-	-	-	W	-	-	W	77.4	-	W
March 1993	-	-	-	-	-	W	-	-	W	75.5	74.1	W
April 1992	-	-	W	W	-	65.2	W	-	65.2	80.2	77.9	68.0
Kentucky												
April 1993	-	W	W	-	-	W	-	W	70.8	W	-	-
March 1993	-	W	W	W	-	W	W	W	W	W	-	-
April 1992	-	W	W	W	-	W	W	W	W	W	-	-
Michigan												
April 1993	-	-	NA	-	-	W	-	-	66.8	83.6	82.2	71.5
March 1993	-	-	NA	W	-	W	W	-	62.1	81.6	80.1	69.0
April 1992	-	-	67.5	W	-	W	W	-	67.6	82.1	84.3	73.6
Minnesota												
April 1993	W	-	-	W	-	-	W	-	-	82.6	81.9	67.7
March 1993	W	-	-	W	-	-	W	-	-	79.7	79.0	67.5
April 1992	W	-	-	75.6	-	W	W	-	W	80.1	80.2	68.1
Missouri												
April 1993	-	-	-	-	-	W	-	-	W	78.1	80.7	68.1
March 1993	-	-	-	-	-	-	-	-	-	73.6	75.0	W
April 1992	-	-	-	W	-	W	W	-	W	77.0	80.4	69.0

See footnotes at end of table.

**Table 31. Refiner/Reseller Ledged Regular Gasoline Prices
by Seller, PAD District, and State (Continued)**
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Major Refiners			Other Refiners			All Refiners			Resellers		
	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
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
Nebraska												
April 1993	-	-	W	W	-	67.5	W	-	67.6	81.8	76.8	68.3
March 1993	-	-	W	W	-	64.4	W	-	64.6	79.4	74.3	65.7
April 1992	-	-	W	W	-	66.4	W	-	66.8	77.5	76.3	67.8
North Dakota												
April 1993	-	-	W	W	-	68.3	W	-	68.8	90.0	86.2	73.0
March 1993	W	-	W	-	-	63.8	W	-	64.1	89.7	85.1	69.0
April 1992	W	-	W	W	-	65.8	W	-	65.9	84.4	79.0	68.4
Ohio												
April 1993	-	W	W	-	-	-	-	W	W	W	W	-
March 1993	-	W	W	-	-	-	-	W	W	71.0	W	W
April 1992	-	W	W	-	-	-	-	W	W	78.7	91.4	W
Oklahoma												
April 1993	-	-	W	-	-	65.7	-	-	65.9	75.1	-	-
March 1993	-	-	W	-	-	63.4	-	-	63.6	75.7	-	60.5
April 1992	W	-	W	W	W	63.9	W	W	63.7	72.6	W	65.6
South Dakota												
April 1993	-	-	W	-	-	70.5	-	-	68.7	86.5	83.9	74.1
March 1993	-	-	W	-	-	66.5	-	-	66.3	82.6	79.5	68.4
April 1992	-	-	68.2	-	-	68.1	-	-	68.1	81.8	82.9	71.6
Tennessee												
April 1993	-	-	-	-	-	-	-	-	-	W	-	-
March 1993	-	-	-	-	-	-	-	-	-	W	-	-
April 1992	-	-	-	-	-	-	-	-	-	W	-	-
Wisconsin												
April 1993	-	-	-	-	-	-	-	-	-	79.4	81.4	68.2
March 1993	-	-	-	-	-	-	-	-	-	77.5	80.2	66.0
April 1992	-	-	-	-	-	-	-	-	-	78.8	81.2	69.1
PAD District III Average												
April 1993	W	-	74.9	92.8	W	72.2	92.7	W	72.9	83.3	83.9	76.7
March 1993	W	-	71.0	88.6	W	68.4	88.5	W	69.1	80.9	80.4	76.5
April 1992	W	-	66.0	77.0	W	65.0	76.7	W	65.4	75.9	75.7	72.4
Alabama												
April 1993	-	-	-	-	-	-	-	-	-	W	-	-
March 1993	-	-	-	-	-	-	-	-	-	W	-	-
April 1992	-	-	-	-	-	-	-	-	-	W	-	-
Arkansas												
April 1993	-	-	-	-	-	W	-	-	W	NA	-	W
March 1993	-	-	-	-	-	W	-	-	W	67.7	W	W
April 1992	-	-	-	-	-	-	-	-	-	72.6	W	W
Louisiana												
April 1993	-	-	-	-	-	-	-	-	-	78.9	-	-
March 1993	-	-	-	-	-	-	-	-	-	W	NA	-
April 1992	-	-	-	-	-	-	-	-	-	W	W	-
Mississippi												
April 1993	-	-	-	-	-	-	-	-	-	W	-	-
March 1993	-	-	-	-	-	-	-	-	-	W	-	-
April 1992	-	-	-	-	-	-	-	-	-	W	-	-
New Mexico												
April 1993	W	-	75.1	92.6	W	73.4	92.5	W	73.9	87.5	86.1	79.6
March 1993	W	-	70.1	87.5	W	69.0	87.5	W	69.3	84.1	83.5	75.9
April 1992	W	-	66.3	78.2	W	64.8	78.2	W	65.4	76.1	76.4	72.8
Texas												
April 1993	-	-	74.5	W	-	70.6	W	-	71.5	80.9	82.6	68.8
March 1993	-	-	72.8	W	-	67.4	W	-	68.8	77.3	77.4	NA
April 1992	W	-	65.5	W	W	65.3	73.7	W	65.4	75.5	W	71.0
PAD District IV Average												
April 1993	W	W	66.9	84.4	W	66.8	82.2	W	66.9	79.0	77.7	72.6
March 1993	W	W	65.0	82.0	W	64.6	80.7	66.5	64.8	76.8	76.0	69.1
April 1992	78.7	68.1	66.6	80.1	W	66.4	79.3	66.3	66.5	77.9	77.4	71.5

See footnotes at end of table.

**Table 31. Refiner/Reseller Leaded Regular Gasoline Prices
by Seller, PAD District, and State (Continued)**
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Major Refiners			Other Refiners			All Refiners			Resellers		
	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
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
Colorado												
April 1993	-	-	W	87.0	-	68.1	87.0	-	69.1	85.7	78.9	73.2
March 1993	W	-	W	84.4	-	65.7	84.0	-	W	82.7	78.1	71.1
April 1992	W	W	71.1	81.7	-	69.5	82.0	W	70.2	83.0	80.4	73.4
Idaho												
April 1993	-	-	66.5	W	-	66.3	W	-	66.4	74.9	76.9	74.9
March 1993	-	W	64.3	W	-	63.7	W	W	W	72.0	73.8	69.5
April 1992	W	W	65.5	W	-	65.6	74.4	W	65.6	74.1	75.2	71.3
Montana												
April 1993	-	-	W	W	-	66.9	W	-	66.8	78.6	78.4	68.9
March 1993	-	-	W	W	-	64.6	W	-	64.8	76.7	NA	66.9
April 1992	W	W	66.0	W	-	65.8	73.4	W	65.9	77.9	79.6	70.3
Utah												
April 1993	W	W	66.0	W	W	65.7	W	W	65.9	76.0	NA	70.2
March 1993	W	W	65.2	W	W	64.5	W	W	64.8	76.0	76.1	69.6
April 1992	W	W	65.6	W	W	64.4	W	W	65.1	75.2	72.9	70.5
Wyoming												
April 1993	W	-	67.8	84.2	-	68.4	83.2	-	68.1	83.3	75.4	73.0
March 1993	W	-	65.9	78.8	-	65.5	77.0	-	W	80.1	74.1	69.4
April 1992	W	-	68.1	80.8	W	67.3	78.7	W	67.5	81.3	76.5	72.4
PAD District V Average												
April 1993	68.0	W	65.4	79.0	W	66.7	70.1	73.9	65.6	77.2	78.1	72.9
March 1993	67.2	W	62.9	77.1	NA	61.4	68.9	70.4	62.7	75.7	79.5	68.2
April 1992	68.1	72.2	65.3	77.2	68.0	66.8	70.0	68.7	65.5	74.8	78.8	70.7
Alaska												
April 1993	W	-	W	W	W	W	W	W	78.5	W	NA	91.8
March 1993	W	-	W	W	W	W	W	W	78.4	NA	NA	93.2
April 1992	W	-	74.6	W	W	W	W	W	74.4	NA	NA	86.5
Arizona												
April 1993	76.2	W	72.9	W	W	73.1	77.4	W	72.9	80.3	78.9	79.3
March 1993	77.9	W	74.6	W	W	71.5	78.5	76.4	74.3	80.2	82.4	77.9
April 1992	70.3	W	67.8	W	W	67.8	71.4	68.8	67.8	73.6	76.8	73.6
California												
April 1993	W	-	-	-	-	W	W	-	W	-	-	W
March 1993	W	-	-	-	-	W	W	-	W	-	W	W
April 1992	W	-	66.1	-	-	-	W	-	66.1	-	W	74.5
Hawaii												
April 1993	-	-	-	-	-	-	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
April 1992	-	-	-	-	-	-	-	-	-	-	-	-
Nevada												
April 1993	-	-	66.9	-	-	W	-	-	67.4	81.2	W	W
March 1993	-	-	66.2	-	-	64.5	-	-	65.8	81.2	-	72.1
April 1992	W	W	68.6	-	-	W	W	W	68.5	76.7	85.0	74.8
Oregon												
April 1993	73.9	W	65.1	W	-	64.9	75.7	W	65.1	78.3	79.7	70.7
March 1993	72.3	W	61.5	W	W	59.4	74.5	W	61.0	74.2	80.0	70.4
April 1992	74.3	-	65.7	W	W	W	75.4	W	65.8	78.4	79.4	71.8
Washington												
April 1993	60.1	W	61.7	W	-	63.5	63.0	W	62.0	70.6	75.7	68.6
March 1993	57.9	W	57.4	W	-	58.8	60.3	W	57.6	68.6	71.5	63.8
April 1992	64.3	70.3	63.4	W	W	65.9	66.6	68.3	63.7	70.9	76.3	68.8

Dashes (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

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

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

**Table 32. Refiner/Reseller Unleaded Regular Gasoline Prices
by Seller, PAD District, and State
(Cents per Gallon Excluding Taxes)**

Geographic Area Month	Major Refiners			Other Refiners			All Refiners			Resellers		
	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
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
U.S. Average												
April 1993	73.4	66.0	65.3	73.7	65.0	62.6	73.5	65.8	64.6	73.8	73.9	65.9
March 1993	71.5	62.8	63.0	71.6	62.9	59.3	71.5	62.9	62.0	71.5	71.2	63.8
April 1992	70.6	65.5	64.1	70.7	65.1	62.5	70.6	65.4	63.7	73.0	73.9	65.6
PAD District I Average												
April 1993	69.9	63.7	63.7	69.7	62.3	60.8	69.9	63.1	63.3	71.2	70.2	64.9
March 1993	68.6	60.5	61.3	68.0	60.6	57.8	68.5	60.6	60.9	69.6	67.2	63.6
April 1992	66.8	62.9	63.3	68.5	62.3	61.0	67.2	62.6	63.0	71.1	70.6	64.5
Subdistrict IA Average												
April 1993	73.7	60.0	63.4	-	W	57.8	73.7	59.2	62.5	74.2	68.3	62.4
March 1993	74.3	58.0	61.8	-	W	56.1	74.3	57.3	61.4	74.6	65.9	63.2
April 1992	68.2	62.9	64.0	-	W	57.5	68.2	61.1	63.1	74.3	67.6	63.3
Connecticut												
April 1993	77.4	W	64.3	-	W	W	77.4	59.8	64.2	75.2	73.1	67.5
March 1993	W	W	63.1	-	W	W	W	58.9	62.9	74.9	67.7	67.3
April 1992	W	62.8	64.0	-	W	W	W	61.7	63.8	73.6	70.1	66.3
Maine												
April 1993	-	W	60.2	-	W	W	-	58.9	60.2	76.6	69.6	62.2
March 1993	-	W	58.7	-	W	W	-	56.8	58.7	76.4	68.5	61.2
April 1992	-	W	63.9	-	W	W	-	62.1	63.7	79.0	71.8	66.0
Massachusetts												
April 1993	74.1	59.8	63.8	-	W	57.6	74.1	59.0	62.1	71.6	64.8	59.8
March 1993	74.6	57.6	61.9	-	W	56.2	74.6	56.9	61.5	73.0	62.4	60.9
April 1992	68.6	63.1	64.3	-	W	56.6	68.6	60.8	62.7	71.6	63.2	60.7
New Hampshire												
April 1993	71.6	W	64.0	-	W	W	71.6	W	63.5	76.1	69.9	66.0
March 1993	72.0	57.0	62.5	-	W	W	72.0	56.9	62.0	75.8	71.5	66.0
April 1992	68.6	W	64.0	-	W	W	68.6	60.1	63.6	75.9	72.9	68.3
Rhode Island												
April 1993	68.5	W	63.5	-	W	W	68.5	61.2	62.9	74.0	64.3	64.7
March 1993	68.9	W	61.6	-	W	W	68.9	59.7	60.1	73.0	63.6	60.4
April 1992	66.0	W	62.6	-	W	W	66.0	62.1	62.3	71.9	63.5	64.3
Vermont												
April 1993	-	W	W	-	W	W	-	W	65.0	78.4	72.2	68.6
March 1993	-	W	W	-	W	W	-	W	63.2	78.1	71.6	67.7
April 1992	-	W	65.9	-	-	W	-	W	65.2	79.9	73.3	69.6
Subdistrict IB Average												
April 1993	69.6	63.0	63.0	68.7	63.4	61.0	69.4	63.2	62.7	69.8	68.9	64.0
March 1993	69.8	60.8	61.5	67.8	61.6	57.6	69.3	61.1	61.0	70.7	67.7	62.5
April 1992	68.0	62.1	63.0	68.5	62.8	60.8	68.2	62.4	62.7	71.9	69.6	62.4
Delaware												
April 1993	W	W	61.8	-	-	59.5	W	W	61.7	68.9	66.2	65.1
March 1993	W	W	60.6	-	-	W	W	W	60.2	69.3	64.5	61.3
April 1992	W	W	59.9	-	-	60.3	W	W	59.9	69.4	67.5	62.9
District of Columbia												
April 1993	-	W	69.0	-	-	-	-	W	69.0	W	64.7	63.2
March 1993	-	W	68.0	-	-	W	-	W	67.8	W	61.8	W
April 1992	-	61.2	68.8	-	-	W	-	61.2	68.4	W	66.6	W
Maryland												
April 1993	-	62.0	65.9	-	-	66.2	-	62.0	65.9	69.9	67.0	63.1
March 1993	-	57.4	63.5	-	W	W	-	57.4	63.3	70.0	64.6	63.1
April 1992	-	61.6	66.5	W	W	67.3	W	61.4	66.6	73.0	69.1	66.1
New Jersey												
April 1993	75.8	62.9	64.8	W	W	59.3	75.8	62.7	63.8	NA	69.0	63.7
March 1993	77.7	61.2	62.5	W	W	55.4	77.6	61.1	61.3	76.2	69.9	60.9
April 1992	69.9	59.2	62.8	W	W	60.0	70.1	60.0	62.4	69.1	67.8	60.2
New York												
April 1993	69.5	65.9	62.8	W	W	60.0	67.9	64.6	62.5	71.4	67.0	63.6
March 1993	69.7	64.9	62.9	W	W	57.8	67.8	62.6	62.3	72.7	66.3	64.0
April 1992	69.0	63.0	64.0	W	W	59.5	67.6	62.8	63.5	73.4	68.2	64.3
Pennsylvania												
April 1993	66.1	62.1	60.6	72.9	64.1	60.2	67.8	63.3	60.6	67.7	71.7	64.9
March 1993	65.2	60.3	58.5	71.7	62.5	56.8	66.8	61.6	58.3	67.6	70.3	62.7
April 1992	66.3	64.3	61.0	72.8	63.1	60.2	67.9	63.4	60.9	70.8	72.3	64.9

See footnotes at end of table.

**Table 32. Refiner/Reseller Unleaded Regular Gasoline Prices
by Seller, PAD District, and State (Continued)**
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Major Refiners			Other Refiners			All Refiners			Resellers		
	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
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
Subdistrict IC Average												
April 1993	69.8	64.9	64.4	70.4	65.7	61.8	69.9	65.1	64.1	71.1	71.6	66.4
March 1993	67.5	60.8	61.0	68.2	61.7	58.3	67.6	61.0	60.7	68.1	67.1	64.4
April 1992	66.0	63.3	63.4	68.5	63.2	62.3	66.5	63.3	63.3	70.1	72.0	67.6
Florida												
April 1993	71.6	65.1	66.2	73.7	W	62.3	71.8	64.6	65.5	72.8	NA	68.3
March 1993	69.2	61.0	62.9	71.4	W	58.7	69.4	60.6	62.1	70.8	68.1	64.7
April 1992	64.5	63.2	62.3	68.2	W	62.3	64.9	62.3	62.3	70.7	71.7	64.5
Georgia												
April 1993	66.3	64.5	63.7	68.6	W	61.6	66.6	64.5	63.4	69.3	70.9	65.6
March 1993	63.5	60.2	60.1	65.9	W	58.0	63.8	60.3	59.8	67.2	68.6	66.4
April 1992	64.2	64.5	62.9	67.0	-	61.9	64.6	64.5	62.8	69.9	73.7	68.2
North Carolina												
April 1993	68.0	63.3	63.3	W	-	61.4	67.7	63.3	63.1	70.3	67.5	65.8
March 1993	65.3	59.3	59.6	W	W	58.3	64.8	59.3	59.5	66.1	63.8	62.5
April 1992	67.8	61.6	64.1	W	-	62.5	67.6	61.6	64.0	69.0	71.0	67.7
South Carolina												
April 1993	65.4	64.1	63.4	W	W	61.5	65.3	64.1	63.2	69.2	72.2	65.2
March 1993	63.0	60.2	59.8	W	-	58.2	62.8	60.2	59.7	65.5	65.6	64.8
April 1992	65.4	65.6	64.2	W	-	62.5	65.8	65.6	64.0	70.4	71.3	68.9
Virginia												
April 1993	75.6	65.5	64.6	W	W	61.6	71.9	64.9	64.3	71.3	70.2	67.3
March 1993	74.2	61.6	61.4	W	W	58.3	70.6	60.8	61.0	68.6	69.3	63.5
April 1992	70.0	62.2	64.1	W	W	62.5	69.6	62.5	64.0	70.5	72.8	68.0
West Virginia												
April 1993	75.3	71.7	65.2	W	W	61.0	76.0	70.4	64.2	73.1	72.0	71.3
March 1993	74.5	67.7	62.1	W	W	56.7	75.2	67.8	60.7	71.3	68.5	67.6
April 1992	77.1	70.7	65.1	W	W	61.7	74.6	70.1	64.3	73.7	71.2	70.2
PAD District II Average												
April 1993	74.1	66.0	64.9	71.9	63.9	62.9	73.5	65.8	64.3	74.1	75.3	67.0
March 1993	69.7	61.9	61.1	68.4	61.5	59.9	69.3	61.9	60.7	71.0	72.3	63.8
April 1992	71.9	66.0	64.3	69.3	63.8	62.8	71.1	65.9	63.8	73.2	74.3	67.1
Illinois												
April 1993	74.2	63.0	64.4	W	W	62.2	73.2	63.0	63.9	73.7	NA	66.0
March 1993	70.6	59.6	60.6	W	-	58.0	70.1	59.6	60.0	71.5	70.1	62.7
April 1992	69.3	63.7	63.2	W	W	60.8	69.1	63.8	62.5	72.8	73.1	68.2
Indiana												
April 1993	73.9	63.6	63.8	W	W	61.6	73.1	63.5	63.4	72.6	72.0	65.8
March 1993	69.1	59.5	59.8	W	W	58.2	68.2	59.5	59.5	70.4	69.9	61.7
April 1992	71.5	63.6	63.3	W	W	62.4	70.8	63.5	63.1	72.8	71.3	66.0
Iowa												
April 1993	76.2	W	66.6	73.8	-	64.2	74.4	W	65.6	74.3	78.6	67.7
March 1993	73.4	W	64.1	70.7	-	61.6	71.4	W	63.0	71.9	77.1	65.9
April 1992	74.1	64.6	65.7	71.5	-	64.0	72.2	64.6	65.0	73.7	78.5	68.1
Kansas												
April 1993	73.5	W	64.1	72.1	W	62.3	72.7	63.7	62.8	74.2	75.1	67.8
March 1993	70.5	61.6	62.3	69.3	W	59.6	69.8	61.5	60.3	71.8	76.9	63.8
April 1992	73.2	65.2	64.1	71.6	W	62.7	72.2	64.4	63.1	74.4	78.1	65.7
Kentucky												
April 1993	NA	68.1	64.5	72.6	-	63.1	67.2	68.1	64.4	72.7	70.4	67.7
March 1993	68.6	63.1	61.1	68.3	-	59.7	68.5	63.1	61.0	68.2	64.5	64.5
April 1992	73.7	71.3	66.5	72.4	-	63.8	73.4	71.3	66.2	73.6	69.9	69.5
Michigan												
April 1993	73.1	63.7	64.8	W	W	63.1	72.1	63.6	64.5	75.0	73.3	67.4
March 1993	67.8	60.6	60.2	W	W	58.5	67.0	60.6	59.9	69.5	70.2	62.7
April 1992	70.2	64.2	64.4	W	-	64.3	67.7	64.2	64.4	71.5	75.5	68.2
Minnesota												
April 1993	81.0	66.0	68.5	83.1	W	65.9	81.5	65.7	67.4	80.4	76.6	68.9
March 1993	79.0	64.0	65.9	81.3	W	63.3	79.6	63.8	64.8	79.1	78.1	67.8
April 1992	75.1	65.5	66.3	80.3	W	64.4	76.5	65.3	65.5	77.3	75.5	68.7
Missouri												
April 1993	71.4	63.0	64.3	68.9	W	62.6	70.1	62.9	63.7	70.5	75.0	66.0
March 1993	68.3	60.5	61.3	66.6	W	59.5	67.5	60.5	60.7	66.7	73.7	63.6
April 1992	70.0	63.4	63.8	68.5	W	63.1	69.3	63.4	63.5	70.5	75.4	66.5

See footnotes at end of table.

**Table 32. Refiner/Reseller Unleaded Regular Gasoline Prices
by Seller, PAD District, and State (Continued)**
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Major Refiners			Other Refiners			All Refiners			Resellers		
	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
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
Nebraska												
April 1993	W	W	67.0	76.1	W	64.7	77.0	64.5	65.8	78.4	75.7	69.1
March 1993	W	W	64.4	73.9	W	61.9	74.9	61.7	63.2	75.9	70.9	67.2
April 1992	W	66.0	66.1	73.9	-	64.6	75.3	66.0	65.3	76.7	72.0	69.8
North Dakota												
April 1993	84.4	W	69.7	W	-	66.6	84.1	W	68.0	86.0	82.2	69.7
March 1993	82.4	W	66.9	W	-	63.0	82.1	W	64.8	84.1	80.9	68.0
April 1992	83.3	W	67.7	W	-	65.9	82.7	W	66.7	81.5	77.9	68.4
Ohio												
April 1993	75.3	69.0	65.7	W	W	63.0	74.9	69.1	65.5	74.4	73.5	66.8
March 1993	68.2	63.6	60.9	66.5	W	58.9	68.1	63.7	60.8	68.2	70.6	63.5
April 1992	73.3	68.1	64.8	W	W	63.4	73.1	68.1	64.7	73.1	72.7	67.2
Oklahoma												
April 1993	73.4	64.0	63.0	71.7	W	61.3	72.9	63.5	62.0	72.1	71.5	65.9
March 1993	69.6	61.2	60.3	68.6	W	59.1	69.3	60.6	59.6	69.0	67.3	62.4
April 1992	70.3	63.1	62.2	69.3	W	61.2	70.0	63.0	61.6	71.0	68.2	64.0
South Dakota												
April 1993	W	W	68.3	W	W	66.5	79.7	67.8	67.5	81.3	78.3	72.6
March 1993	W	W	65.7	W	W	63.3	76.0	68.2	64.5	77.3	76.1	70.1
April 1992	W	W	67.2	W	W	65.3	W	66.0	66.2	80.4	78.6	71.5
Tennessee												
April 1993	70.4	63.6	63.5	70.6	63.6	60.7	70.4	63.6	63.1	68.6	68.7	66.1
March 1993	67.3	61.1	59.9	67.5	W	58.0	67.4	61.3	59.6	65.1	63.8	63.2
April 1992	68.0	63.9	63.8	68.3	W	62.0	68.1	63.2	63.5	69.0	68.3	67.1
Wisconsin												
April 1993	71.9	64.3	64.1	W	W	62.6	71.7	64.0	63.6	75.6	75.8	66.8
March 1993	68.0	59.9	60.2	W	W	58.9	67.9	59.8	59.7	73.4	72.9	61.4
April 1992	70.9	64.7	63.5	W	W	63.0	70.4	64.3	63.3	75.1	74.3	65.6
PAD District III Average												
April 1993	73.2	65.8	63.5	73.3	61.3	61.4	73.3	63.9	62.6	73.4	72.7	64.1
March 1993	71.1	61.9	59.8	70.3	57.9	57.7	70.7	60.0	58.9	70.6	68.5	61.7
April 1992	70.0	63.3	62.4	69.5	64.4	61.2	69.8	63.7	62.0	72.7	72.9	64.0
Alabama												
April 1993	71.0	62.9	63.2	70.0	W	62.3	70.7	62.9	63.0	73.0	70.5	69.5
March 1993	68.0	58.3	59.5	67.1	W	58.6	67.8	58.3	59.3	70.1	69.2	68.0
April 1992	69.7	64.1	63.7	69.6	W	63.1	69.7	64.0	63.6	73.4	73.8	70.1
Arkansas												
April 1993	71.2	W	63.7	W	W	61.7	70.4	W	62.8	72.1	NA	65.7
March 1993	68.6	60.8	60.8	W	W	58.6	67.4	60.8	59.7	69.9	71.9	62.8
April 1992	72.0	64.6	63.4	W	W	62.0	70.0	64.4	62.8	71.4	73.7	66.3
Louisiana												
April 1993	73.4	61.7	62.6	71.7	W	61.0	73.1	61.7	62.1	72.6	71.5	67.7
March 1993	72.0	58.5	58.7	70.0	W	57.5	71.5	58.7	58.4	68.8	69.7	62.9
April 1992	71.4	61.7	63.1	69.0	63.5	63.0	70.8	61.9	63.1	70.5	73.9	67.2
Mississippi												
April 1993	70.3	W	62.6	71.8	62.0	61.4	70.9	62.5	62.2	72.1	71.7	67.8
March 1993	67.9	W	58.0	68.8	58.5	57.8	68.2	59.9	58.0	69.7	70.3	61.8
April 1992	67.6	63.5	62.2	68.5	63.8	60.8	68.0	63.6	61.7	71.7	73.0	64.4
New Mexico												
April 1993	88.0	76.4	75.1	92.0	76.2	72.1	90.8	76.4	73.9	86.9	82.6	78.2
March 1993	81.5	70.8	69.6	86.7	69.6	67.8	85.1	70.5	68.8	84.0	78.8	74.7
April 1992	71.5	W	65.1	78.6	65.6	64.0	76.4	65.5	64.6	75.1	74.6	71.2
Texas												
April 1993	73.0	65.9	63.0	71.9	W	60.7	72.6	63.1	62.0	72.7	74.6	62.3
March 1993	71.0	62.8	59.6	69.2	W	57.0	70.1	59.4	58.3	69.8	66.7	60.3
April 1992	69.8	63.2	61.9	68.8	64.5	60.8	69.3	63.7	61.4	73.3	72.0	62.8
PAD District IV Average												
April 1993	77.7	68.2	67.2	81.2	79.9	66.1	79.4	73.4	66.7	77.9	76.9	70.1
March 1993	74.2	66.3	65.0	77.4	74.0	63.8	75.8	69.7	64.5	75.3	74.7	68.5
April 1992	76.6	67.2	66.9	78.2	71.9	66.4	77.3	70.2	66.7	76.6	76.2	70.7

See footnotes at end of table.

**Table 32. Refiner/Reseller Unleaded Regular Gasoline Prices
by Seller, PAD District, and State (Continued)**
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Major Refiners			Other Refiners			All Refiners			Resellers		
	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
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
Colorado												
April 1993	80.0	W	68.6	81.7	W	65.6	80.9	W	67.1	80.9	75.4	69.5
March 1993	76.0	W	65.3	77.7	-	63.2	76.9	W	64.3	77.1	74.4	68.1
April 1992	79.5	W	70.1	78.4	W	68.5	78.9	67.0	69.3	79.8	77.7	72.0
Idaho												
April 1993	-	W	66.7	W	-	66.3	W	W	66.5	74.4	75.9	71.9
March 1993	-	W	64.4	W	-	63.8	W	W	64.1	71.3	72.6	69.2
April 1992	W	W	65.7	W	-	65.5	75.8	W	65.6	73.7	73.7	70.9
Montana												
April 1993	-	W	66.7	W	NA	66.9	W	NA	66.8	79.2	78.2	68.9
March 1993	-	W	64.9	W	NA	64.3	W	NA	64.7	76.7	76.3	67.0
April 1992	W	W	65.3	W	NA	64.9	W	91.8	65.1	76.4	76.5	68.9
Utah												
April 1993	71.1	W	65.9	W	W	65.7	71.2	66.3	65.8	74.1	77.5	69.3
March 1993	69.8	66.0	65.0	W	W	64.3	70.0	65.3	64.8	72.7	75.1	69.3
April 1992	69.6	W	64.9	W	W	64.3	69.7	64.7	64.7	72.7	73.1	69.5
Wyoming												
April 1993	W	72.8	68.3	82.7	W	67.6	81.6	72.7	68.0	82.8	79.8	73.3
March 1993	W	69.8	65.5	77.2	W	64.8	75.3	69.6	65.1	79.6	77.6	70.0
April 1992	W	69.6	67.7	80.4	W	66.8	78.4	68.1	67.2	80.0	78.6	71.9
PAD District V Average												
April 1993	76.6	70.7	69.9	79.4	78.0	65.2	77.4	72.4	69.1	81.7	77.2	69.4
March 1993	78.3	69.2	71.0	81.3	77.2	61.8	79.1	70.9	69.3	80.7	77.7	69.5
April 1992	73.0	69.6	66.6	75.1	70.5	65.1	73.6	69.9	66.3	78.6	78.3	68.1
Alaska												
April 1993	W	W	75.0	98.3	76.4	W	97.6	76.7	74.8	NA	103.9	NA
March 1993	W	W	75.5	98.0	76.8	W	97.4	77.0	74.6	NA	99.6	89.0
April 1992	W	W	72.7	95.3	W	W	94.2	71.4	68.3	145.7	98.4	89.0
Arizona												
April 1993	80.4	76.5	73.1	W	91.4	72.8	81.2	80.2	73.0	84.4	NA	77.7
March 1993	82.6	77.4	75.6	W	W	71.3	82.8	79.3	75.1	83.6	82.5	78.6
April 1992	72.9	W	69.2	W	69.4	67.7	73.6	69.9	69.0	76.7	77.3	74.5
California												
April 1993	78.0	69.2	71.3	75.6	W	64.1	77.3	69.2	69.9	78.6	76.3	67.8
March 1993	81.3	67.3	73.5	78.7	69.3	61.1	80.5	67.4	71.0	80.0	76.2	68.9
April 1992	72.7	68.4	66.4	71.6	69.8	64.6	72.3	68.7	66.0	76.9	77.4	66.2
Hawaii												
April 1993	W	W	94.5	W	W	W	102.1	74.2	92.9	118.6	NA	NA
March 1993	W	W	94.3	W	W	W	101.8	W	92.5	W	104.8	103.3
April 1992	W	W	85.8	W	W	W	97.1	74.3	82.3	W	98.8	93.1
Nevada												
April 1993	W	73.3	64.5	W	W	69.8	70.6	72.3	65.3	80.4	74.5	NA
March 1993	W	72.3	65.1	W	W	64.2	72.1	72.0	64.9	83.1	76.4	70.6
April 1992	72.5	72.8	65.0	W	W	70.5	72.3	72.9	66.0	80.4	76.1	73.7
Oregon												
April 1993	79.1	66.0	66.2	W	W	65.0	80.0	76.7	66.1	81.8	80.1	71.4
March 1993	77.8	66.1	63.4	W	W	59.7	78.8	76.4	62.8	78.1	79.2	71.7
April 1992	80.7	67.6	66.2	W	W	66.9	81.1	73.6	66.3	82.3	80.1	72.2
Washington												
April 1993	66.6	64.5	62.6	W	-	63.4	68.0	64.5	62.7	74.1	74.4	67.0
March 1993	63.9	59.3	58.2	W	-	58.0	65.2	59.3	58.1	73.1	71.4	64.2
April 1992	69.8	66.3	63.8	W	W	66.1	71.1	65.6	64.0	74.4	76.2	69.0

Dashes (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

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

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

**Table 33. Refiner/Reseller Unleaded Midgrade Gasoline Prices
by Seller, PAD District, and State**
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Major Refiners			Other Refiners			All Refiners			Resellers		
	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
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
U.S. Average												
April 1993	83.5	70.9	71.3	80.4	67.6	65.8	82.9	70.0	70.8	80.9	78.0	72.2
March 1993	81.3	68.4	69.3	78.2	64.3	62.7	80.7	67.3	68.7	78.7	75.2	70.0
April 1992	79.0	69.8	69.1	77.4	66.8	66.2	78.7	68.9	68.8	80.1	78.0	72.7
PAD District I Average												
April 1993	82.7	68.8	70.1	78.8	67.6	65.7	82.2	68.2	69.9	81.0	75.7	71.6
March 1993	81.5	66.0	68.0	77.1	64.7	62.4	81.0	65.4	67.7	79.3	73.6	69.9
April 1992	77.2	66.3	68.4	77.3	66.0	65.2	77.3	66.1	68.2	80.4	76.3	71.9
Subdistrict IA Average												
April 1993	87.6	69.0	69.9	-	W	W	87.6	65.1	69.5	83.3	72.3	69.5
March 1993	88.2	67.9	68.6	-	W	W	88.2	64.8	68.2	84.1	69.5	68.9
April 1992	76.9	70.0	68.9	-	W	W	76.9	64.8	68.5	83.7	71.9	71.5
Connecticut												
April 1993	W	71.9	70.1	-	W	W	W	68.2	69.8	85.4	75.5	71.6
March 1993	W	70.2	69.1	-	W	W	W	69.5	68.8	84.4	72.0	71.3
April 1992	W	71.4	69.2	-	W	W	W	68.1	69.0	82.7	74.4	72.5
Maine												
April 1993	-	W	64.1	-	W	W	-	W	64.1	85.4	77.2	66.0
March 1993	-	W	62.9	-	W	W	-	W	62.9	NA	74.1	64.7
April 1992	-	W	67.6	-	W	W	-	W	67.4	91.3	75.7	72.5
Massachusetts												
April 1993	87.8	63.4	71.3	-	W	W	87.8	62.0	70.7	81.0	68.2	67.7
March 1993	88.2	63.0	69.8	-	W	W	88.2	60.3	69.3	82.3	66.9	67.8
April 1992	78.1	66.4	69.2	-	W	W	78.1	W	68.7	81.7	69.7	69.5
New Hampshire												
April 1993	86.4	-	69.1	-	W	W	86.4	W	68.8	85.1	74.9	72.7
March 1993	87.4	-	67.5	-	W	W	87.4	W	67.0	85.9	72.7	71.4
April 1992	77.8	-	67.9	-	W	W	77.8	W	67.7	85.9	70.9	73.2
Rhode Island												
April 1993	81.4	W	69.4	-	W	W	81.4	W	68.3	82.3	69.5	68.2
March 1993	82.2	W	67.6	-	W	W	82.2	W	66.6	80.0	68.7	63.7
April 1992	75.6	W	67.9	-	W	W	75.6	W	67.1	78.5	69.2	66.9
Vermont												
April 1993	-	-	W	-	-	W	-	-	W	87.1	76.6	74.2
March 1993	-	-	W	-	-	W	-	-	68.5	86.9	76.3	73.3
April 1992	-	-	W	-	-	W	-	-	70.2	87.6	77.8	74.8
Subdistrict IB Average												
April 1993	82.4	69.5	69.7	W	68.5	69.6	81.7	69.0	W	78.7	74.0	70.4
March 1993	82.8	68.4	69.3	W	66.4	66.8	81.9	67.3	W	79.4	72.5	69.7
April 1992	78.0	64.6	68.7	W	69.4	67.1	77.8	66.3	68.6	80.9	75.4	70.8
Delaware												
April 1993	W	W	66.9	-	-	W	W	W	66.5	76.8	73.8	70.3
March 1993	W	W	66.7	-	-	59.1	W	W	66.0	77.3	73.2	64.6
April 1992	W	W	64.4	-	-	63.2	W	W	64.3	77.2	74.3	67.4
District of Columbia												
April 1993	-	W	74.6	-	-	-	-	W	74.6	W	66.2	70.0
March 1993	-	W	72.6	-	-	-	-	W	72.6	W	62.7	64.1
April 1992	-	W	73.3	-	-	-	-	W	73.3	W	67.8	W
Maryland												
April 1993	-	66.4	71.9	-	-	W	-	66.4	72.2	80.5	77.1	68.3
March 1993	-	63.5	69.5	-	-	W	-	63.5	69.8	80.8	75.0	68.9
April 1992	-	63.4	71.7	W	-	73.2	W	63.4	71.8	83.8	77.0	72.8
New Jersey												
April 1993	89.7	68.0	72.3	-	W	W	89.7	66.2	72.1	NA	73.2	72.9
March 1993	91.3	65.9	73.5	-	W	61.0	91.3	64.0	73.2	89.4	73.0	73.0
April 1992	80.6	62.4	68.9	-	W	W	80.6	63.1	68.5	82.9	73.2	71.3
New York												
April 1993	82.3	76.3	70.8	W	W	W	80.4	70.1	70.7	82.3	71.4	70.6
March 1993	82.8	78.1	71.2	W	W	W	80.6	69.3	71.1	82.7	69.3	70.1
April 1992	77.9	65.8	71.0	W	W	W	77.0	66.1	70.8	82.8	73.1	70.8
Pennsylvania												
April 1993	78.6	68.0	65.5	W	W	65.5	78.8	71.2	65.5	75.6	75.2	70.7
March 1993	78.2	65.8	64.4	W	71.2	62.3	78.3	69.5	64.4	75.0	73.8	68.9
April 1992	76.9	66.0	65.2	W	W	64.4	77.2	69.6	65.2	78.4	76.9	70.1

See footnotes at end of table.

**Table 33. Refiner/Reseller Unleaded Midgrade Gasoline Prices
by Seller, PAD District, and State (Continued)**
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Major Refiners			Other Refiners			All Refiners			Resellers		
	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
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
Subdistrict IC Average												
April 1993	82.4	68.4	70.4	79.8	68.6	65.0	82.1	68.5	70.0	81.4	78.0	72.4
March 1993	80.5	64.4	67.0	77.9	64.5	61.3	80.1	64.4	66.6	78.3	75.1	70.2
April 1992	76.9	67.1	68.2	77.6	65.6	64.9	77.0	66.3	67.9	79.6	78.0	72.5
Florida												
April 1993	85.0	67.8	73.1	W	W	65.4	84.9	67.7	72.4	83.9	78.6	74.7
March 1993	82.7	63.8	69.9	W	W	61.9	82.6	63.5	69.2	81.9	74.7	70.8
April 1992	75.9	66.7	67.4	78.6	W	64.7	76.0	65.2	67.1	81.2	77.0	70.3
Georgia												
April 1993	77.6	67.3	68.9	76.3	W	64.6	77.4	67.3	68.6	79.2	76.9	70.9
March 1993	75.4	63.5	65.4	74.1	W	60.9	75.3	63.4	65.0	77.8	75.3	70.9
April 1992	74.8	67.1	67.4	75.3	-	64.8	74.8	67.1	67.2	79.5	79.0	72.6
North Carolina												
April 1993	78.5	66.7	68.0	W	-	64.8	78.1	66.7	68.0	79.5	73.4	71.4
March 1993	76.0	62.9	64.3	W	W	61.0	75.6	62.9	64.3	75.3	74.2	68.6
April 1992	78.1	65.6	68.6	W	-	65.0	78.1	65.6	68.4	77.8	78.2	72.9
South Carolina												
April 1993	75.6	W	68.3	W	-	64.5	75.6	W	68.1	81.2	79.5	70.7
March 1993	73.4	63.6	64.7	W	-	60.7	73.4	63.6	64.5	76.1	NA	68.2
April 1992	74.4	70.7	68.8	W	-	64.7	74.7	70.7	68.5	80.5	74.9	71.6
Virginia												
April 1993	89.0	68.4	70.3	W	W	64.4	84.9	68.1	70.0	81.8	80.1	75.3
March 1993	87.4	63.8	67.0	W	W	60.2	83.4	64.3	66.5	79.0	78.4	72.5
April 1992	81.2	65.4	69.2	W	W	65.3	79.7	65.5	68.9	79.8	79.6	74.7
West Virginia												
April 1993	85.3	W	69.6	W	W	W	85.4	77.9	69.5	83.8	77.0	77.0
March 1993	87.6	76.0	66.7	W	W	W	86.7	75.7	66.6	80.2	73.0	73.1
April 1992	89.0	74.2	69.6	W	W	W	85.4	74.0	W	82.8	76.6	76.0
PAD District II Average												
April 1993	82.9	72.2	70.9	79.7	73.1	66.6	82.3	72.3	W	79.7	79.9	72.4
March 1993	78.3	69.9	67.0	75.5	70.1	62.9	77.8	69.9	W	76.6	77.1	69.7
April 1992	80.0	72.5	69.0	76.6	72.1	66.5	79.4	72.5	W	79.3	79.4	73.0
Illinois												
April 1993	84.3	W	73.0	W	-	67.0	83.2	W	72.8	77.6	81.2	74.2
March 1993	80.8	W	69.2	W	-	63.4	79.8	W	69.0	77.1	76.6	73.5
April 1992	77.0	W	67.7	W	-	67.2	76.9	W	67.7	79.8	77.5	77.5
Indiana												
April 1993	80.9	W	70.2	W	-	W	80.3	W	69.8	79.3	77.2	71.5
March 1993	76.3	W	67.1	W	-	W	75.3	W	66.8	76.9	72.9	67.6
April 1992	78.6	W	68.4	W	-	67.5	78.2	W	68.3	79.7	78.0	70.6
Iowa												
April 1993	W	-	71.4	80.0	-	W	79.8	-	71.4	78.7	NA	73.6
March 1993	W	-	68.1	76.9	-	W	76.8	-	68.1	78.6	82.7	72.2
April 1992	-	-	68.1	W	-	W	W	-	68.1	80.7	82.4	71.1
Kansas												
April 1993	83.7	W	72.2	81.1	-	66.0	83.3	W	72.1	82.8	NA	74.3
March 1993	80.8	W	69.6	78.1	-	63.1	80.5	W	69.5	78.5	85.5	67.3
April 1992	81.3	W	70.8	81.3	-	66.3	81.3	W	70.5	80.2	81.6	69.6
Kentucky												
April 1993	83.0	W	68.9	79.7	-	65.2	82.8	W	68.9	80.7	75.0	73.1
March 1993	79.6	W	65.6	77.0	-	61.3	79.5	W	65.5	76.6	72.7	70.6
April 1992	82.2	W	70.6	76.3	-	65.2	82.0	W	70.4	80.5	83.2	75.1
Michigan												
April 1993	81.4	W	70.7	W	-	W	81.0	W	70.4	80.7	78.2	74.0
March 1993	76.0	W	66.1	W	W	W	75.1	W	65.9	74.5	74.7	68.1
April 1992	77.0	72.4	68.9	W	-	67.9	76.0	72.4	68.8	77.4	79.3	72.5
Minnesota												
April 1993	88.0	W	76.6	91.4	W	W	88.7	71.0	75.2	NA	82.8	70.0
March 1993	85.9	W	73.9	89.6	-	W	86.7	W	72.9	85.4	84.3	71.2
April 1992	87.6	W	71.6	86.7	-	70.3	87.4	W	71.6	82.7	82.3	71.8
Missouri												
April 1993	82.7	W	71.2	75.6	-	66.0	80.5	W	70.7	78.0	80.4	72.2
March 1993	80.7	W	68.2	75.5	-	63.5	79.2	W	67.8	73.3	80.3	68.9
April 1992	78.7	W	68.1	78.0	-	66.4	78.5	W	68.0	76.8	82.3	72.0

See footnotes at end of table.

**Table 33. Refiner/Reseller Unleaded Midgrade Gasoline Prices
by Seller, PAD District, and State (Continued)**
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Major Refiners			Other Refiners			All Refiners			Resellers		
	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
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
Nebraska												
April 1993	W	-	-	W	-	W	81.4	-	W	85.0	79.0	73.6
March 1993	W	-	-	W	-	W	77.5	-	W	84.3	W	72.0
April 1992	W	-	W	W	-	W	75.4	-	W	85.5	W	73.6
North Dakota												
April 1993	W	-	W	-	-	-	W	-	W	92.1	NA	75.8
March 1993	91.7	-	W	-	-	-	91.7	-	W	90.2	88.6	76.5
April 1992	88.5	W	W	-	-	-	88.5	W	W	87.4	83.4	75.3
Ohio												
April 1993	83.0	W	72.4	NA	W	68.5	82.8	72.0	72.2	80.1	80.3	71.9
March 1993	76.4	70.0	66.9	NA	W	64.6	76.0	70.2	66.8	74.8	75.6	67.5
April 1992	81.6	72.4	71.2	77.9	W	68.8	81.4	72.6	71.1	79.7	78.9	70.5
Oklahoma												
April 1993	82.1	W	66.7	79.3	W	65.9	81.4	66.5	66.7	78.2	76.3	70.8
March 1993	78.3	W	64.3	75.7	W	63.6	77.7	64.5	64.2	74.6	72.2	67.8
April 1992	77.1	W	66.2	74.7	W	65.8	76.6	W	66.2	75.7	69.7	69.4
South Dakota												
April 1993	W	-	W	W	-	-	W	-	W	81.7	90.6	74.4
March 1993	W	-	W	W	-	-	W	-	W	81.2	NA	71.3
April 1992	W	-	W	-	-	-	W	-	W	81.8	91.0	75.9
Tennessee												
April 1993	81.1	69.1	68.5	W	W	64.4	80.9	68.0	68.2	78.5	73.4	72.1
March 1993	78.4	66.7	64.8	W	W	60.8	78.5	65.6	64.5	76.2	69.5	69.2
April 1992	79.9	68.4	68.5	W	W	64.6	78.8	67.3	68.1	78.3	73.7	72.5
Wisconsin												
April 1993	83.3	W	70.4	W	-	W	82.4	W	69.9	NA	NA	73.0
March 1993	79.2	W	66.3	W	-	W	78.3	W	65.9	80.2	79.4	67.6
April 1992	80.0	-	67.5	74.5	-	W	78.6	-	67.4	80.0	77.9	70.8
PAD District III Average												
April 1993	84.3	65.6	68.7	81.4	63.8	64.6	83.3	64.9	67.7	80.9	76.7	72.0
March 1993	82.3	61.9	65.2	78.8	60.7	61.5	81.1	61.5	64.4	78.0	72.0	70.2
April 1992	80.2	65.1	68.0	78.6	64.4	65.7	79.6	64.9	67.5	80.3	77.5	74.1
Alabama												
April 1993	81.4	65.8	68.2	78.7	W	65.3	80.9	65.8	67.9	81.5	75.2	74.8
March 1993	78.6	60.4	64.5	75.3	W	61.6	78.0	60.4	64.1	79.3	74.9	73.0
April 1992	79.3	65.8	68.7	78.2	W	66.3	79.0	65.8	68.4	80.9	78.9	75.8
Arkansas												
April 1993	82.0	-	67.9	W	-	64.9	81.9	-	67.1	80.4	71.9	70.4
March 1993	78.6	-	64.8	W	-	61.7	78.8	-	63.9	77.5	NA	67.1
April 1992	80.6	-	67.3	W	W	65.1	78.8	W	66.7	78.2	75.0	70.2
Louisiana												
April 1993	85.2	W	69.4	82.9	-	63.5	84.8	W	67.9	81.5	79.2	73.9
March 1993	83.6	62.1	65.8	81.5	W	62.3	83.2	62.5	65.1	77.5	75.5	76.4
April 1992	82.2	W	68.5	79.8	W	66.0	81.8	64.2	68.0	78.7	76.5	74.3
Mississippi												
April 1993	79.5	W	67.9	80.6	64.9	64.7	80.0	66.4	67.3	79.2	74.3	73.9
March 1993	77.8	64.6	63.9	79.1	61.0	61.4	78.3	63.2	63.5	77.9	73.2	69.1
April 1992	76.1	65.9	67.9	75.6	W	65.2	75.9	66.3	67.5	79.6	78.4	71.8
New Mexico												
April 1993	W	-	81.9	-	-	78.8	W	-	81.4	93.6	NA	80.4
March 1993	W	-	75.9	-	-	73.6	W	-	75.4	90.2	NA	77.0
April 1992	W	-	68.2	-	-	W	W	-	69.8	79.8	82.3	74.2
Texas												
April 1993	84.3	65.9	68.7	81.3	63.8	64.6	83.3	64.6	W	80.7	77.6	71.2
March 1993	82.5	62.9	65.3	78.7	60.4	61.2	81.1	61.3	W	77.3	69.6	68.8
April 1992	79.9	65.1	67.7	78.7	W	65.5	79.5	64.6	67.2	81.3	77.2	74.8
PAD District IV Average												
April 1993	85.7	-	72.9	W	-	72.8	87.9	-	72.9	83.7	72.3	71.5
March 1993	82.3	-	70.9	W	-	68.7	83.6	-	70.7	81.6	73.2	71.0
April 1992	81.7	W	74.3	W	-	70.0	82.8	W	73.7	80.0	75.6	75.0

See footnotes at end of table.

**Table 33. Refiner/Reseller Unleaded Midgrade Gasoline Prices
by Seller, PAD District, and State (Continued)**
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Major Refiners			Other Refiners			All Refiners			Resellers		
	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
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
Colorado												
April 1993	89.1	-	74.7	W	-	71.3	90.5	-	74.4	88.8	71.5	70.8
March 1993	84.9	-	71.7	W	-	67.0	85.4	-	71.2	84.0	70.2	70.6
April 1992	85.3	W	76.6	W	-	69.7	85.1	W	75.4	82.1	74.3	77.2
Idaho												
April 1993	-	-	W	-	-	-	-	-	W	84.0	W	W
March 1993	-	-	-	-	-	-	-	-	-	W	W	W
April 1992	-	-	-	-	-	-	-	-	-	75.6	W	W
Montana												
April 1993	-	-	-	-	-	-	-	-	-	W	W	-
March 1993	-	-	-	-	-	-	-	-	-	W	W	-
April 1992	-	-	-	-	-	-	-	-	-	W	W	-
Utah												
April 1993	77.5	-	W	-	-	W	77.5	-	68.4	NA	-	73.4
March 1993	76.0	-	W	-	-	W	76.0	-	W	78.1	NA	71.7
April 1992	73.9	W	W	-	-	W	73.9	W	68.1	75.2	W	69.1
Wyoming												
April 1993	-	-	-	-	-	-	-	-	-	84.2	W	W
March 1993	-	-	-	W	-	-	W	-	-	84.7	-	W
April 1992	-	-	W	-	-	-	-	-	W	W	-	73.7
PAD District V Average												
April 1993	86.3	74.9	78.6	77.7	W	68.9	84.0	75.1	77.7	87.1	82.5	75.9
March 1993	88.4	73.0	80.7	80.8	67.2	65.3	86.4	72.3	79.0	87.5	82.6	71.7
April 1992	78.9	74.2	71.9	71.3	W	71.5	77.5	74.5	71.9	82.4	83.6	71.2
Alaska												
April 1993	-	-	-	-	-	-	-	-	-	-	-	-
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
April 1992	-	-	-	-	-	-	-	-	-	-	-	-
Arizona												
April 1993	80.3	-	72.0	-	-	W	80.3	-	73.1	NA	81.8	NA
March 1993	84.6	-	73.3	-	-	W	84.6	-	74.0	89.2	W	78.5
April 1992	77.6	-	71.4	-	-	W	77.6	-	72.4	78.0	-	75.6
California												
April 1993	86.4	73.7	78.6	77.1	W	68.8	83.9	73.6	77.6	86.2	82.5	76.4
March 1993	88.6	72.2	80.8	80.2	W	65.6	86.3	72.0	79.2	87.1	82.3	71.4
April 1992	78.5	72.7	71.7	W	W	71.4	77.0	72.7	71.7	82.4	83.8	71.0
Hawaii												
April 1993	W	W	99.6	W	W	W	109.3	W	99.4	W	NA	W
March 1993	W	W	99.7	W	W	W	109.8	W	99.5	W	NA	W
April 1992	W	W	90.9	W	W	W	111.9	W	90.7	W	108.5	W
Nevada												
April 1993	W	W	69.7	W	-	-	67.9	W	69.7	83.5	80.0	NA
March 1993	W	W	70.5	W	-	W	69.8	W	70.4	84.8	W	79.5
April 1992	W	W	66.3	W	-	71.2	66.7	W	66.4	81.4	W	76.5
Oregon												
April 1993	W	-	-	-	-	-	W	-	-	W	-	-
March 1993	W	-	-	-	W	W	W	W	W	-	-	-
April 1992	W	-	W	-	-	-	W	-	W	-	-	-
Washington												
April 1993	W	-	W	-	-	-	W	-	W	W	W	W
March 1993	W	-	W	-	-	-	W	-	W	NA	W	W
April 1992	-	-	W	-	-	-	-	-	W	-	W	W

Dashes (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

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

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

**Table 34. Refiner/Reseller Premium Gasoline Prices
by Seller, PAD District, and State
(Cents per Gallon Excluding Taxes)**

Geographic Area Month	Major Refiners			Other Refiners			All Refiners			Resellers		
	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
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
U.S. Average												
April 1993	92.5	75.6	78.0	88.7	73.9	68.9	91.7	75.1	76.8	89.4	84.0	77.0
March 1993	90.6	72.5	76.1	81.6	69.7	65.6	88.3	71.6	74.7	87.2	80.3	75.2
April 1992	87.0	75.6	76.2	86.1	71.5	69.4	86.8	74.4	75.3	88.3	83.5	77.1
PAD District I Average												
April 1993	92.1	72.6	77.4	87.2	70.3	67.8	91.5	71.6	76.7	89.9	82.2	76.6
March 1993	91.1	69.4	75.5	85.4	67.2	64.6	90.4	68.3	74.7	88.7	79.4	75.3
April 1992	85.3	72.8	76.2	86.3	69.2	67.3	85.4	71.2	75.4	89.3	82.4	77.2
Subdistrict IA Average												
April 1993	97.1	73.0	76.6	-	W	W	97.1	65.8	75.8	92.1	76.5	75.2
March 1993	97.5	68.0	74.8	-	W	W	97.5	63.9	74.1	92.7	73.4	75.0
April 1992	84.9	73.7	75.4	-	W	W	84.9	67.0	74.8	91.0	76.3	78.5
Connecticut												
April 1993	W	74.9	77.1	-	W	W	W	67.1	76.7	95.8	77.7	79.8
March 1993	W	W	73.8	-	W	W	W	68.1	73.5	95.2	77.0	79.4
April 1992	W	71.7	76.2	-	W	W	W	69.1	76.0	91.5	81.4	81.5
Maine												
April 1993	-	W	70.8	-	W	W	-	W	70.6	93.7	79.9	73.8
March 1993	-	W	69.3	-	W	W	-	W	69.2	93.6	79.7	71.8
April 1992	-	W	74.8	-	W	W	-	W	74.3	94.4	80.5	77.6
Massachusetts												
April 1993	97.4	71.6	77.1	-	W	W	97.4	65.0	76.3	89.7	73.9	71.3
March 1993	97.6	W	76.4	-	W	W	97.6	61.8	75.7	91.1	69.4	72.9
April 1992	86.5	80.0	75.0	-	W	W	86.5	W	74.4	89.6	72.4	75.7
New Hampshire												
April 1993	93.5	-	77.6	-	W	W	93.5	W	W	92.3	NA	79.6
March 1993	94.1	-	75.9	-	W	W	94.1	W	74.5	94.8	83.2	78.3
April 1992	84.2	-	75.9	-	W	W	84.2	W	75.2	94.5	81.0	81.0
Rhode Island												
April 1993	89.6	W	77.5	-	-	W	89.6	W	75.4	88.7	72.8	71.4
March 1993	90.3	W	75.6	-	W	W	90.3	66.3	73.6	86.5	73.1	66.5
April 1992	84.0	W	74.5	-	-	W	84.0	W	73.2	85.3	77.5	72.5
Vermont												
April 1993	-	-	W	-	-	W	-	-	75.5	95.0	84.4	82.0
March 1993	-	-	W	-	-	W	-	-	74.2	94.8	82.7	80.8
April 1992	-	-	W	-	-	W	-	-	76.3	94.6	84.3	83.6
Subdistrict IB Average												
April 1993	92.5	72.0	77.1	86.6	72.9	67.8	91.8	72.4	76.5	87.0	81.6	74.5
March 1993	93.2	71.0	76.4	85.2	70.0	64.9	92.3	70.4	75.7	88.7	79.1	73.9
April 1992	86.4	72.0	77.2	86.6	72.9	66.1	86.4	72.4	76.3	89.4	81.2	74.6
Delaware												
April 1993	W	W	74.0	-	-	66.1	W	W	73.9	87.0	80.2	74.9
March 1993	W	W	74.4	-	-	W	W	W	74.2	87.2	77.2	NA
April 1992	W	W	71.9	-	-	64.8	W	W	71.8	87.8	80.4	73.2
District of Columbia												
April 1993	-	W	82.4	-	-	-	-	W	82.4	W	71.4	72.2
March 1993	-	W	81.3	-	-	-	-	W	81.3	W	71.2	67.5
April 1992	-	W	80.9	-	-	W	-	W	80.8	W	W	67.5
Maryland												
April 1993	-	73.0	78.9	-	-	73.2	-	73.0	78.2	86.1	80.2	72.6
March 1993	-	71.1	75.0	-	-	74.1	-	71.1	74.9	88.0	78.7	74.1
April 1992	-	71.0	79.0	W	W	76.2	W	70.9	78.8	90.7	83.6	77.9
New Jersey												
April 1993	98.8	68.9	77.0	W	W	65.2	98.6	70.0	76.5	NA	84.0	76.6
March 1993	100.3	65.9	77.3	W	W	62.8	100.1	67.7	76.6	97.2	79.2	76.1
April 1992	87.5	68.5	77.0	W	W	62.8	87.6	68.9	75.3	89.7	78.5	72.7
New York												
April 1993	91.7	75.1	80.4	W	W	65.1	90.3	72.6	79.4	91.5	79.4	73.4
March 1993	92.5	77.9	79.7	W	W	62.7	90.9	71.8	78.8	91.3	77.2	72.8
April 1992	86.6	75.1	80.7	W	W	66.2	85.9	74.6	79.6	91.4	77.7	74.5
Pennsylvania												
April 1993	87.2	76.3	72.4	89.4	77.6	68.0	87.6	77.1	72.1	83.5	84.0	74.7
March 1993	87.5	74.6	71.5	87.2	73.8	62.5	87.5	74.1	70.7	82.5	82.9	73.5
April 1992	85.1	76.0	72.7	90.0	W	67.3	85.9	76.2	72.4	87.0	85.9	75.2

See footnotes at end of table.

**Table 34. Refiner/Reseller Premium Gasoline Prices
by Seller, PAD District, and State (Continued)**
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Major Refiners			Other Refiners			All Refiners			Resellers		
	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
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
Subdistrict IC Average												
April 1993	91.4	72.9	77.8	87.5	71.7	68.6	90.9	72.5	77.1	90.8	83.8	78.6
March 1993	89.4	68.7	74.6	85.5	65.8	64.9	88.9	67.5	73.8	87.9	80.9	76.5
April 1992	84.7	73.2	75.1	86.1	68.6	69.1	84.9	71.3	74.6	89.0	84.8	79.1
Florida												
April 1993	93.2	W	82.1	91.9	W	69.3	93.1	70.6	80.9	93.1	84.5	80.5
March 1993	91.0	66.8	79.2	89.4	W	65.6	90.9	65.9	77.9	91.0	80.9	79.3
April 1992	83.5	72.4	75.7	85.9	W	69.1	83.7	68.9	75.2	90.0	82.8	78.1
Georgia												
April 1993	86.6	72.2	75.4	83.1	W	69.0	86.2	72.2	74.8	88.8	86.6	79.1
March 1993	84.4	67.3	71.9	80.7	W	65.0	84.0	67.3	71.2	88.2	82.5	79.0
April 1992	83.5	72.9	73.8	84.1	-	69.4	83.6	72.9	73.4	89.5	86.4	79.6
North Carolina												
April 1993	87.2	71.7	73.9	W	-	67.6	86.7	71.7	73.4	89.3	77.4	76.8
March 1993	84.6	70.7	70.0	W	W	64.1	84.0	70.2	69.7	84.6	76.4	73.3
April 1992	86.2	70.7	74.3	W	-	69.2	86.4	70.7	73.9	87.2	84.5	79.4
South Carolina												
April 1993	85.9	72.6	74.3	W	-	68.2	85.6	72.6	74.0	91.5	84.8	75.3
March 1993	83.6	68.9	70.7	W	-	64.0	83.4	68.9	70.2	86.5	80.0	73.0
April 1992	83.8	72.9	74.7	W	-	68.9	84.3	72.9	74.3	90.0	80.9	76.9
Virginia												
April 1993	96.1	72.5	76.8	W	W	67.5	92.5	71.8	76.0	91.4	84.7	79.2
March 1993	94.4	68.5	73.6	W	W	67.7	91.5	65.8	72.7	88.6	84.0	76.7
April 1992	89.4	72.5	75.9	W	W	68.7	88.7	72.0	75.4	89.5	87.3	80.1
West Virginia												
April 1993	94.1	84.1	76.8	92.0	W	W	93.3	82.9	76.1	90.2	84.2	83.9
March 1993	96.4	78.7	73.7	88.4	W	66.9	93.3	79.1	72.9	87.9	81.0	80.3
April 1992	98.0	82.0	76.5	85.4	W	72.5	93.8	82.7	76.1	90.1	84.2	82.2
PAD District II Average												
April 1993	90.9	75.5	75.6	84.2	71.0	68.8	89.0	75.3	74.6	86.4	82.5	76.3
March 1993	86.2	71.5	71.7	73.3	67.4	65.7	81.2	71.3	70.7	82.9	80.6	73.1
April 1992	87.2	76.7	74.4	82.6	71.8	67.9	85.9	76.5	73.2	85.3	83.5	76.5
Illinois												
April 1993	92.7	74.8	78.4	W	-	67.3	89.8	74.8	77.2	85.0	NA	74.2
March 1993	89.3	73.8	74.4	W	-	63.2	82.9	73.8	73.2	84.7	79.6	72.3
April 1992	84.4	80.7	74.5	W	-	63.3	84.2	80.7	72.1	87.1	82.6	77.0
Indiana												
April 1993	87.2	71.7	75.2	W	W	66.6	85.5	70.5	73.5	86.1	82.4	76.5
March 1993	82.1	67.9	71.2	W	W	63.3	74.6	65.8	70.0	80.0	82.2	72.2
April 1992	85.6	71.1	74.6	W	-	68.1	84.5	71.1	73.2	84.4	84.5	77.4
Iowa												
April 1993	87.9	-	74.2	83.7	-	69.8	85.0	-	73.3	84.2	87.8	75.8
March 1993	85.3	-	71.4	81.0	-	68.1	82.2	-	70.8	81.0	87.9	74.8
April 1992	86.0	-	73.1	79.7	-	70.2	81.1	-	72.5	82.7	89.6	76.4
Kansas												
April 1993	93.6	W	73.8	83.5	W	69.3	88.2	W	71.6	87.2	NA	NA
March 1993	90.5	W	71.2	80.9	W	66.6	85.3	W	68.8	84.6	83.2	71.7
April 1992	90.6	W	72.1	82.0	W	69.2	86.1	W	70.7	87.7	81.2	75.0
Kentucky												
April 1993	91.2	82.3	74.6	80.8	-	71.7	90.0	82.3	74.5	88.6	82.9	79.1
March 1993	87.5	77.8	71.0	74.2	-	67.8	85.8	77.8	70.8	84.4	78.5	76.6
April 1992	88.7	80.7	76.9	80.6	-	70.9	87.8	80.7	76.5	87.2	84.9	81.5
Michigan												
April 1993	89.3	72.6	75.8	W	W	70.1	87.3	72.6	75.2	87.2	84.6	76.9
March 1993	83.0	69.1	71.1	W	W	65.6	77.9	69.0	70.5	83.1	84.4	72.2
April 1992	84.8	72.9	75.5	W	-	72.2	83.0	72.9	75.2	85.6	86.9	77.2
Minnesota												
April 1993	94.7	W	78.8	96.8	-	72.6	95.2	W	77.3	91.2	86.0	76.0
March 1993	93.1	W	76.0	94.9	W	70.0	93.5	74.4	74.3	88.2	86.8	73.5
April 1992	86.5	W	75.6	89.5	W	69.9	87.4	71.4	73.8	83.9	84.0	74.8
Missouri												
April 1993	91.1	W	74.4	81.2	-	69.5	86.9	W	73.4	83.8	79.3	74.9
March 1993	88.9	W	71.5	71.0	W	66.4	78.6	W	70.4	78.2	NA	71.7
April 1992	87.2	W	73.3	84.4	W	69.5	86.2	W	72.4	83.5	91.6	73.7

See footnotes at end of table.

**Table 34. Refiner/Reseller Premium Gasoline Prices
by Seller, PAD District, and State (Continued)**
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Major Refiners			Other Refiners			All Refiners			Resellers		
	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
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
Nebraska												
April 1993	W	-	76.8	86.2	W	71.6	89.1	W	75.8	86.9	81.4	76.9
March 1993	W	-	73.6	84.0	W	68.5	86.9	W	72.5	84.7	NA	73.0
April 1992	W	-	75.3	83.8	-	70.4	86.6	-	74.1	84.8	80.5	75.2
North Dakota												
April 1993	95.3	-	82.2	W	-	73.3	94.7	-	79.9	93.7	NA	77.7
March 1993	94.9	-	79.4	W	-	69.8	94.5	-	76.9	93.0	78.5	78.1
April 1992	91.2	-	77.8	W	-	71.4	89.8	-	75.9	88.8	90.5	81.5
Ohio												
April 1993	91.1	79.3	76.4	W	W	69.9	90.1	79.4	76.2	86.5	83.4	76.7
March 1993	84.5	73.3	71.2	W	W	65.8	79.8	73.5	70.9	81.2	78.9	72.4
April 1992	89.9	80.9	75.3	W	W	70.6	89.3	81.0	75.1	86.0	81.9	76.3
Oklahoma												
April 1993	90.3	70.6	70.4	85.2	W	68.5	89.0	69.9	69.6	82.2	73.3	73.2
March 1993	86.4	68.5	67.8	81.9	W	66.9	85.3	67.0	67.5	80.2	72.2	70.3
April 1992	83.8	70.3	69.6	79.9	W	67.2	82.8	70.1	68.6	80.7	72.5	72.6
South Dakota												
April 1993	W	-	78.5	W	-	75.7	88.5	-	77.6	88.3	86.4	NA
March 1993	W	-	75.6	W	-	71.9	85.2	-	74.4	89.9	86.2	74.6
April 1992	W	-	75.8	W	-	72.1	87.6	-	74.6	90.9	89.0	75.7
Tennessee												
April 1993	90.5	70.0	74.5	88.0	68.1	67.5	89.7	69.7	73.6	86.4	79.0	77.6
March 1993	87.9	70.2	70.7	85.6	W	63.4	87.1	69.8	69.6	84.8	74.1	76.0
April 1992	89.2	71.8	74.3	83.5	W	69.1	87.0	71.3	73.7	87.0	79.5	79.1
Wisconsin												
April 1993	87.9	W	74.4	W	-	68.7	86.9	W	73.2	87.5	NA	74.7
March 1993	84.0	W	70.3	W	-	65.5	82.8	W	69.3	85.2	84.1	69.3
April 1992	83.9	W	73.1	W	W	68.7	83.2	73.2	72.0	85.7	83.2	73.4
PAD District III Average												
April 1993	91.8	72.1	73.8	90.6	69.9	67.2	91.5	71.7	72.1	88.9	82.1	76.6
March 1993	89.7	68.6	70.0	88.1	65.7	63.4	89.2	68.0	68.3	86.3	75.7	74.8
April 1992	86.8	69.1	72.4	87.2	72.7	68.4	86.9	69.5	71.4	87.5	80.3	76.1
Alabama												
April 1993	90.6	73.4	74.2	83.6	W	67.9	88.9	72.5	73.3	89.9	79.6	82.3
March 1993	87.6	67.0	70.5	79.5	W	64.6	85.5	66.7	69.6	88.1	80.0	80.9
April 1992	88.7	72.3	74.6	85.7	W	69.6	87.9	71.6	73.8	90.2	87.1	83.4
Arkansas												
April 1993	92.4	-	73.4	W	W	68.0	90.4	W	71.8	89.0	77.7	74.9
March 1993	88.6	-	70.4	W	-	64.8	87.3	-	68.4	85.6	78.7	71.7
April 1992	90.8	-	72.9	W	-	61.6	87.1	-	71.9	85.6	83.2	76.1
Louisiana												
April 1993	92.8	W	75.4	93.0	NA	68.4	92.8	69.6	74.2	90.3	86.6	82.4
March 1993	91.4	66.7	72.4	91.9	NA	64.4	91.5	67.2	70.8	85.3	NA	78.2
April 1992	89.1	69.2	74.8	88.6	NA	69.2	89.0	70.8	73.6	85.7	78.8	79.9
Mississippi												
April 1993	89.2	W	70.9	88.2	69.7	66.4	88.8	72.3	69.9	87.9	79.1	80.0
March 1993	87.2	70.7	65.3	86.1	63.9	65.1	86.7	68.6	65.3	86.3	80.6	NA
April 1992	84.1	68.7	70.3	81.5	70.6	69.4	82.6	69.4	70.1	87.4	81.3	77.6
New Mexico												
April 1993	107.1	W	84.1	104.4	-	79.9	105.3	W	83.2	97.1	91.9	86.5
March 1993	100.9	W	78.4	100.6	-	75.8	100.7	W	77.8	95.7	86.4	85.0
April 1992	89.0	W	74.1	93.6	-	72.4	91.8	W	73.7	86.1	80.8	80.9
Texas												
April 1993	91.6	71.7	73.2	90.2	69.5	66.6	91.2	71.2	71.2	87.5	82.6	73.9
March 1993	89.4	68.8	69.8	87.8	W	62.2	89.0	67.8	67.4	85.5	74.4	72.4
April 1992	86.2	68.2	71.3	87.1	71.8	67.6	86.5	68.6	70.3	87.6	77.8	73.4
PAD District IV Average												
April 1993	92.2	73.5	75.6	98.2	W	73.0	94.0	73.5	74.7	89.2	84.2	77.0
March 1993	89.1	72.7	73.3	94.8	W	70.5	90.9	72.0	72.4	85.9	82.3	75.7
April 1992	88.9	W	74.9	93.8	W	73.4	90.5	72.4	74.4	87.1	84.0	78.6

See footnotes at end of table.

**Table 34. Refiner/Reseller Premium Gasoline Prices
by Seller, PAD District, and State (Continued)**
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Major Refiners			Other Refiners			All Refiners			Resellers		
	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
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
Colorado												
April 1993	98.6	W	78.1	99.9	W	72.6	99.1	W	75.8	95.7	80.4	74.0
March 1993	94.5	~	74.5	96.2	W	69.3	95.2	W	72.6	89.8	81.2	74.8
April 1992	93.9	W	79.2	94.8	W	75.1	94.2	W	77.7	91.6	84.4	79.4
Idaho												
April 1993	-	W	75.0	W	-	73.5	W	W	74.6	85.2	87.0	NA
March 1993	-	W	72.7	W	-	70.9	W	W	W	81.4	82.5	76.9
April 1992	W	-	73.6	W	-	W	86.8	-	73.5	83.8	84.1	79.4
Montana												
April 1993	-	~	75.0	W	-	74.4	W	-	74.8	87.7	84.5	76.9
March 1993	-	W	72.6	W	W	72.0	W	W	72.4	81.9	84.8	74.8
April 1992	W	W	72.2	W	-	72.2	W	W	72.2	83.4	83.6	76.9
Utah												
April 1993	82.1	W	73.6	W	W	72.5	82.1	73.1	W	85.5	85.2	78.1
March 1993	80.6	W	72.9	W	W	71.0	80.7	71.9	72.3	83.2	82.2	76.7
April 1992	79.8	W	72.3	W	W	71.6	79.8	W	W	83.2	81.6	77.3
Wyoming												
April 1993	W	W	76.5	W	W	74.0	92.0	74.2	75.5	92.2	91.1	79.5
March 1993	W	~	73.2	W	W	70.9	85.5	W	W	89.3	85.4	77.7
April 1992	W	W	75.1	W	W	73.7	88.5	W	74.5	90.3	86.4	81.2
PAD District V Average												
April 1993	96.6	82.6	85.1	95.7	83.9	73.8	96.4	83.0	84.2	98.5	91.5	84.2
March 1993	98.0	81.5	86.9	97.8	84.0	71.5	97.9	82.1	85.7	96.1	89.1	83.2
April 1992	89.9	81.0	80.3	88.7	78.5	77.0	89.7	80.4	80.0	93.5	91.2	81.8
Alaska												
April 1993	W	W	85.1	106.1	W	W	104.9	W	84.3	NA	108.2	94.8
March 1993	W	W	85.2	107.6	W	W	106.1	W	83.9	NA	108.0	95.7
April 1992	W	W	W	104.1	W	W	102.3	W	81.7	117.3	93.7	93.3
Arizona												
April 1993	96.6	90.2	83.9	W	W	82.3	97.0	90.0	83.8	99.6	NA	NA
March 1993	99.2	W	87.0	W	-	82.1	99.3	W	86.8	99.4	NA	93.0
April 1992	88.8	W	81.0	W	W	78.1	89.4	76.6	80.7	91.8	89.0	86.8
California												
April 1993	98.5	81.7	86.6	92.2	W	72.7	97.1	81.6	85.3	96.1	90.4	83.8
March 1993	101.1	81.1	89.7	95.1	W	70.8	99.8	81.0	88.0	95.5	88.9	84.0
April 1992	89.6	80.3	80.1	85.5	W	76.6	88.6	80.3	79.8	93.1	91.6	80.8
Hawaii												
April 1993	W	W	107.4	W	W	W	117.8	W	106.5	136.7	NA	116.7
March 1993	W	W	107.1	W	W	W	117.4	W	106.1	W	123.4	117.5
April 1992	W	W	98.5	W	W	W	114.1	82.2	97.9	W	116.1	112.6
Nevada												
April 1993	W	W	76.9	W	-	77.3	86.3	W	76.9	97.7	91.5	NA
March 1993	W	W	78.1	W	-	73.3	88.3	W	77.8	99.2	89.5	87.2
April 1992	86.1	W	77.9	W	-	82.9	85.9	W	78.4	96.5	89.3	84.6
Oregon												
April 1993	97.8	W	80.3	W	-	75.8	98.1	W	80.1	96.3	93.8	84.3
March 1993	96.7	W	76.3	W	W	70.3	97.2	W	75.8	94.4	89.3	83.8
April 1992	96.8	W	79.9	W	-	W	96.9	W	79.8	96.9	90.2	84.9
Washington												
April 1993	85.7	W	75.9	W	-	74.1	86.0	W	75.9	89.0	85.4	80.3
March 1993	82.8	W	71.2	W	-	69.3	83.2	W	71.2	87.4	NA	77.2
April 1992	87.9	75.9	77.4	W	W	75.2	87.9	76.4	W	88.0	85.7	81.0

Dashes (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

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

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

**Table 35. Refiner Prices of Aviation Fuels and Propane
by PAD District and State**
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Aviation Gasoline		Kerosene-Type Jet Fuel		Propane (Consumer Grade)	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
U.S. Average						
April 1993	100.7	97.7	59.7	59.9	69.4	36.2
March 1993	99.4	97.4	60.6	60.3	75.4	38.2
April 1992	99.1	96.4	57.3	56.5	73.1	29.0
PAD District I Average						
April 1993	99.2	97.1	58.7	60.9	W	42.9
March 1993	97.9	96.1	60.2	62.4	W	44.0
April 1992	98.7	96.6	57.2	60.2	W	35.0
Subdistrict IA Average						
April 1993	W	W	61.7	62.6	W	43.0
March 1993	W	W	63.1	63.1	W	44.4
April 1992	W	W	59.5	62.5	W	35.8
Connecticut						
April 1993	W	W	61.5	62.6	W	45.6
March 1993	W	W	62.1	W	W	45.1
April 1992	W	W	59.6	61.3	96.3	36.3
Maine						
April 1993	W	-	W	W	W	W
March 1993	W	-	W	W	W	W
April 1992	W	-	63.8	W	W	40.0
Massachusetts						
April 1993	W	W	60.9	62.3	W	43.6
March 1993	W	W	62.3	62.7	W	44.6
April 1992	W	W	58.6	62.6	W	36.2
New Hampshire						
April 1993	W	W	64.4	W	W	38.3
March 1993	W	W	66.3	W	W	40.6
April 1992	W	W	62.5	W	W	32.0
Rhode Island						
April 1993	W	W	62.6	W	-	44.8
March 1993	W	W	64.4	W	-	45.3
April 1992	W	W	61.5	W	-	37.4
Vermont						
April 1993	W	W	W	-	W	47.2
March 1993	W	W	W	W	W	46.3
April 1992	W	W	W	-	W	38.7
Subdistrict IB Average						
April 1993	W	98.5	58.1	59.4	W	42.1
March 1993	100.0	98.7	60.1	61.3	W	45.9
April 1992	101.7	93.8	56.6	58.4	W	34.2
Delaware						
April 1993	W	-	68.1	W	-	W
March 1993	W	W	67.1	W	-	W
April 1992	W	-	64.6	W	-	W
District of Columbia						
April 1993	-	-	-	-	-	-
March 1993	W	-	-	-	-	-
April 1992	-	-	-	-	-	-
Maryland						
April 1993	W	W	58.1	W	W	42.4
March 1993	W	W	59.2	62.1	W	45.4
April 1992	W	W	57.0	60.1	W	32.4
New Jersey						
April 1993	W	W	57.8	59.2	W	42.1
March 1993	W	W	59.9	61.3	90.0	46.8
April 1992	100.4	W	56.1	57.4	91.5	33.4
New York						
April 1993	W	95.6	62.7	61.3	W	43.0
March 1993	W	97.5	64.2	62.0	W	45.0
April 1992	W	94.2	62.8	64.8	W	36.1
Pennsylvania						
April 1993	W	103.7	58.1	58.4	W	41.7
March 1993	W	100.0	60.0	60.7	W	46.0
April 1992	W	W	57.0	58.8	W	33.9
Subdistrict IC Average						
April 1993	97.6	96.8	58.7	63.0	85.5	43.3
March 1993	96.6	95.6	59.8	64.4	W	43.1
April 1992	97.4	97.1	57.2	63.2	88.8	35.7

See footnotes at end of table.

**Table 35. Refiner Prices of Aviation Fuels and Propane
by PAD District and State (Continued)**
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Aviation Gasoline		Kerosene-Type Jet Fuel		Propane (Consumer Grade)	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Florida						
April 1993	95.5	95.6	59.4	63.6	W	46.3
March 1993	94.5	93.6	60.3	64.3	W	45.7
April 1992	96.1	95.2	58.2	63.4	W	38.5
Georgia						
April 1993	97.8	97.6	58.0	62.4	W	41.3
March 1993	97.9	98.2	58.8	63.1	W	40.6
April 1992	100.4	98.5	55.5	63.8	W	33.8
North Carolina						
April 1993	102.5	W	57.8	64.0	67.0	42.5
March 1993	101.4	W	59.3	65.5	W	42.6
April 1992	102.3	W	56.1	64.7	86.0	34.4
South Carolina						
April 1993	W	96.7	62.7	66.2	W	42.3
March 1993	W	97.3	63.7	66.3	W	41.8
April 1992	W	97.3	61.7	W	W	34.9
Virginia						
April 1993	104.1	W	57.9	60.6	NA	42.5
March 1993	104.1	W	59.2	64.5	84.6	45.3
April 1992	W	100.7	56.4	60.7	78.1	36.2
West Virginia						
April 1993	W	W	69.1	W	W	W
March 1993	W	W	W	W	W	45.1
April 1992	W	W	67.3	W	W	33.6
PAD District II Average						
April 1993	95.8	95.5	58.4	60.8	81.0	35.9
March 1993	93.9	94.8	59.8	63.3	82.9	39.3
April 1992	95.4	94.1	57.1	59.6	71.0	26.9
Illinois						
April 1993	W	W	57.6	59.4	79.9	35.9
March 1993	W	W	58.7	61.0	83.0	40.4
April 1992	W	W	55.9	59.0	65.5	27.6
Indiana						
April 1993	96.8	93.3	57.0	57.3	86.2	38.3
March 1993	95.7	93.1	58.3	63.8	88.4	42.6
April 1992	W	93.0	55.7	58.0	80.7	29.5
Iowa						
April 1993	W	96.8	63.4	68.6	W	36.8
March 1993	W	96.1	W	68.8	W	40.8
April 1992	W	95.5	W	62.2	W	27.2
Kansas						
April 1993	W	93.5	57.1	67.7	W	33.4
March 1993	W	92.8	58.6	W	W	35.5
April 1992	W	W	54.5	W	W	24.5
Kentucky						
April 1993	W	99.8	61.5	61.9	W	36.2
March 1993	W	96.1	62.6	61.8	W	37.5
April 1992	W	101.9	58.4	65.0	32.7	28.0
Michigan						
April 1993	W	W	58.2	62.7	89.3	40.2
March 1993	W	W	60.7	63.7	90.8	40.6
April 1992	W	W	57.8	59.3	84.8	30.1
Minnesota						
April 1993	W	97.9	59.6	W	W	35.8
March 1993	W	96.7	61.3	62.5	W	40.7
April 1992	W	95.6	58.4	59.3	W	26.5
Missouri						
April 1993	W	96.0	58.6	65.1	W	36.9
March 1993	W	95.9	60.2	65.8	W	41.1
April 1992	W	94.5	57.7	61.2	54.0	28.0
Nebraska						
April 1993	W	96.3	60.1	69.4	-	36.7
March 1993	W	95.8	61.2	70.5	-	40.1
April 1992	W	94.1	58.8	67.1	W	27.6
North Dakota						
April 1993	93.0	W	67.2	72.1	W	34.3
March 1993	95.8	W	68.4	71.5	W	37.6
April 1992	W	W	63.0	W	W	22.7

See footnotes at end of table.

**Table 35. Refiner Prices of Aviation Fuels and Propane
by PAD District and State (Continued)**
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Aviation Gasoline		Kerosene-Type Jet Fuel		Propane (Consumer Grade)	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Ohio						
April 1993	W	96.2	60.0	63.0	89.5	39.4
March 1993	W	94.8	61.3	62.4	86.9	41.9
April 1992	W	92.9	58.6	61.8	90.9	30.2
Oklahoma						
April 1993	W	92.3	57.9	60.2	W	35.1
March 1993	W	92.2	58.4	60.8	71.2	38.0
April 1992	89.8	88.5	55.9	56.0	W	26.0
South Dakota						
April 1993	W	W	69.9	W	W	37.1
March 1993	W	98.8	70.3	W	W	41.2
April 1992	W	W	64.4	W	W	28.8
Tennessee						
April 1993	98.3	96.1	57.4	63.9	W	41.0
March 1993	97.8	95.1	59.2	64.0	W	45.2
April 1992	W	95.6	58.6	61.6	W	33.5
Wisconsin						
April 1993	W	95.6	59.8	64.4	77.7	37.8
March 1993	-	95.4	60.6	65.3	79.1	43.1
April 1992	-	95.2	59.0	62.4	62.3	28.4
PAD District III Average						
April 1993	96.4	89.5	56.6	56.4	42.8	34.9
March 1993	95.8	87.3	57.0	57.3	47.4	35.0
April 1992	97.2	90.9	54.3	54.2	49.8	29.1
Alabama						
April 1993	99.7	97.4	61.6	64.2	80.2	39.4
March 1993	98.9	97.2	62.3	64.9	84.2	39.2
April 1992	100.6	99.9	60.6	62.1	88.3	32.1
Arkansas						
April 1993	W	W	62.6	65.1	W	43.7
March 1993	W	W	63.3	65.4	W	42.3
April 1992	W	W	56.8	62.8	W	32.7
Louisiana						
April 1993	W	92.6	56.7	56.3	38.1	34.7
March 1993	W	88.4	57.3	57.1	38.8	34.9
April 1992	96.2	97.7	54.0	54.3	W	28.8
Mississippi						
April 1993	98.4	96.0	56.0	54.7	W	38.7
March 1993	W	97.9	56.5	58.4	W	38.0
April 1992	99.6	99.0	54.7	53.0	W	31.4
New Mexico						
April 1993	W	W	61.3	61.1	37.4	35.0
March 1993	W	W	61.6	65.5	36.8	36.1
April 1992	W	W	58.2	59.0	30.1	27.6
Texas						
April 1993	95.7	86.8	56.3	56.3	35.3	34.5
March 1993	95.2	84.2	56.8	57.1	35.1	34.1
April 1992	95.6	87.4	54.2	54.2	31.9	28.8
PAD District I/ Average						
April 1993	104.4	102.1	63.9	67.9	76.5	32.0
March 1993	101.7	101.9	63.6	68.2	77.7	35.8
April 1992	98.4	96.9	59.3	63.5	74.6	23.2
Colorado						
April 1993	W	101.3	59.2	62.8	67.7	34.0
March 1993	W	101.8	60.3	66.1	67.1	38.1
April 1992	W	94.4	56.0	60.4	72.8	26.4
Idaho						
April 1993	W	110.9	74.5	77.6	W	34.7
March 1993	W	W	74.8	77.5	W	35.7
April 1992	W	W	69.1	73.6	W	W
Montana						
April 1993	W	W	74.0	W	W	30.1
March 1993	W	W	73.3	W	W	33.6
April 1992	W	W	68.2	W	W	22.3

See footnotes at end of table.

**Table 35. Refiner Prices of Aviation Fuels and Propane
by PAD District and State (Continued)**
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Aviation Gasoline		Kerosene-Type Jet Fuel		Propane (Consumer Grade)	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Utah						
April 1993	103.1	102.5	67.9	74.6	W	33.9
March 1993	W	100.9	67.2	70.0	W	35.5
April 1992	W	99.0	62.5	70.0	W	22.8
Wyoming						
April 1993	W	W	78.3	W	57.0	30.6
March 1993	103.2	W	79.3	W	NA	34.7
April 1992	W	W	74.2	W	58.6	21.5
PAD District V Average						
April 1993	110.2	106.2	63.7	63.7	77.2	36.0
March 1993	109.1	105.5	64.4	63.9	79.3	38.1
April 1992	105.2	102.3	59.7	57.5	78.4	27.1
Alaska						
April 1993	W	119.8	68.3	62.0	W	W
March 1993	W	W	68.8	NA	W	W
April 1992	W	W	66.1	54.9	W	W
Arizona						
April 1993	W	101.6	64.8	67.1	W	43.0
March 1993	102.5	101.5	65.7	68.2	W	41.2
April 1992	W	W	61.0	63.4	W	51.9
California						
April 1993	110.3	105.0	62.5	63.0	W	37.3
March 1993	110.1	103.8	63.3	63.2	W	39.6
April 1992	103.1	99.8	58.3	57.7	W	27.0
Hawaii						
April 1993	W	W	66.6	W	W	W
March 1993	W	W	68.1	92.8	W	W
April 1992	W	W	61.5	W	W	W
Nevada						
April 1993	W	W	65.1	65.7	W	36.1
March 1993	W	W	66.1	65.5	W	36.0
April 1992	W	W	60.7	62.6	W	29.5
Oregon						
April 1993	W	104.4	64.1	68.9	W	40.9
March 1993	W	103.1	64.1	68.9	W	NA
April 1992	W	101.1	60.3	65.6	W	27.6
Washington						
April 1993	W	W	62.5	67.3	W	29.9
March 1993	W	104.8	62.7	63.9	W	31.2
April 1992	W	102.0	57.8	55.0	W	21.4

Dashes (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

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

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

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

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

Geographic Area Month	Kerosene		No. 1 Distillate		No. 2 Distillate	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
U.S. Average						
April 1993	77.0	60.8	66.9	65.4	62.4	58.7
March 1993	83.2	65.4	69.2	67.4	63.3	59.5
April 1992	77.9	61.7	65.4	64.2	59.2	56.8
PAD District I Average						
April 1993	73.8	63.0	64.2	61.8	61.9	57.5
March 1993	81.0	66.2	67.6	65.7	64.3	59.6
April 1992	74.1	62.6	65.4	61.7	60.2	57.0
Subdistrict IA Average						
April 1993	64.6	63.2	61.1	63.7	63.6	58.1
March 1993	66.7	66.9	66.5	66.6	67.5	60.8
April 1992	W	63.1	63.2	W	62.7	58.4
Connecticut						
April 1993	W	63.3	W	W	61.3	58.2
March 1993	W	W	69.3	66.6	63.7	60.3
April 1992	W	61.5	-	W	60.6	58.6
Maine						
April 1993	W	63.3	W	64.7	58.9	57.7
March 1993	W	66.5	W	67.7	61.8	61.4
April 1992	W	64.6	W	W	59.7	58.8
Massachusetts						
April 1993	W	62.9	W	63.4	65.6	58.6
March 1993	W	66.1	W	W	69.1	61.2
April 1992	W	63.4	W	W	63.3	58.6
New Hampshire						
April 1993	-	W	W	W	58.3	58.3
March 1993	W	66.3	W	W	61.1	61.6
April 1992	W	W	W	W	59.2	59.1
Rhode Island						
April 1993	-	W	W	W	62.8	57.3
March 1993	-	64.7	64.6	W	70.5	60.3
April 1992	-	W	W	W	66.4	56.2
Vermont						
April 1993	-	W	-	W	62.0	W
March 1993	-	W	-	W	64.9	63.0
April 1992	-	62.1	-	W	62.9	60.2
Subdistrict IB Average						
April 1993	71.7	63.6	68.6	61.4	63.8	57.4
March 1993	78.7	66.5	68.5	65.4	67.1	59.7
April 1992	72.5	61.8	66.1	61.6	62.6	57.1
Delaware						
April 1993	-	61.2	-	W	60.7	56.5
March 1993	-	W	W	W	62.3	59.4
April 1992	-	W	-	W	59.4	W
District of Columbia						
April 1993	-	W	-	-	59.2	57.4
March 1993	-	W	-	-	W	59.0
April 1992	-	W	-	-	W	58.0
Maryland						
April 1993	W	63.4	W	W	58.8	58.3
March 1993	NA	67.4	69.4	68.2	60.5	60.1
April 1992	68.3	62.6	64.9	66.6	57.7	58.2
New Jersey						
April 1993	W	61.5	W	W	61.3	56.8
March 1993	69.6	64.6	65.1	61.5	63.9	59.0
April 1992	W	61.6	63.1	58.9	60.1	56.0
New York						
April 1993	72.0	65.5	W	63.5	66.6	58.0
March 1993	80.1	68.3	W	66.5	71.7	60.0
April 1992	72.6	61.3	62.4	62.4	60.3	58.4
Pennsylvania						
April 1993	81.3	63.5	NA	63.3	64.7	57.5
March 1993	80.9	66.0	70.2	65.6	68.4	60.2
April 1992	82.2	62.1	73.7	63.3	63.6	57.5
Subdistrict IC Average						
April 1993	91.0	62.3	64.4	61.4	60.6	57.6
March 1993	98.9	65.8	67.2	65.2	62.0	59.1
April 1992	95.0	63.5	65.6	61.3	58.6	56.3

See footnotes at end of table.

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

Geographic Area Month	Kerosene		No. 1 Distillate		No. 2 Distillate	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Florida						
April 1993	NA	64.1	W	W	60.9	57.8
March 1993	107.2	68.1	W	W	62.3	59.3
April 1992	118.9	63.9	W	W	58.8	55.6
Georgia						
April 1993	NA	62.1	W	W	60.7	57.9
March 1993	NA	64.2	W	W	62.1	58.9
April 1992	116.4	62.8	W	W	58.4	56.3
North Carolina						
April 1993	NA	62.4	W	W	58.8	57.0
March 1993	NA	65.7	64.6	62.2	60.4	58.8
April 1992	87.8	64.1	66.0	58.7	57.2	56.5
South Carolina						
April 1993	NA	62.1	-	-	60.4	57.3
March 1993	NA	66.3	W	-	61.8	59.2
April 1992	107.4	63.7	W	-	58.8	56.8
Virginia						
April 1993	66.6	61.6	60.6	62.7	59.7	57.4
March 1993	67.5	65.0	62.8	64.7	61.8	59.1
April 1992	65.5	62.0	67.8	61.2	58.5	56.5
West Virginia						
April 1993	NA	66.9	W	70.4	63.2	58.5
March 1993	NA	68.3	78.4	72.7	64.3	60.8
April 1992	W	65.0	79.3	74.4	61.5	58.3
PAD District II Average						
April 1993	84.5	66.0	63.1	63.5	60.8	58.8
March 1993	91.1	68.2	65.8	65.8	62.3	60.2
April 1992	94.6	65.4	62.5	63.0	58.8	57.8
Illinois						
April 1993	78.7	58.9	W	62.4	59.1	57.2
March 1993	88.4	62.6	W	63.3	61.4	58.9
April 1992	96.0	W	W	63.2	58.2	57.5
Indiana						
April 1993	W	65.8	W	63.3	59.6	58.0
March 1993	W	67.7	66.9	64.9	61.3	59.7
April 1992	102.0	63.8	63.9	62.6	57.5	57.3
Iowa						
April 1993	-	73.2	W	64.1	60.6	60.2
March 1993	-	73.3	W	66.6	62.1	61.5
April 1992	-	67.7	W	63.2	59.5	58.6
Kansas						
April 1993	-	69.1	-	61.3	59.1	57.7
March 1993	-	72.1	65.4	62.7	60.3	58.8
April 1992	-	W	W	60.5	57.8	57.0
Kentucky						
April 1993	91.3	67.9	66.9	66.0	62.1	58.6
March 1993	90.6	69.3	70.2	67.9	63.1	60.3
April 1992	97.8	67.1	W	65.7	60.0	58.1
Michigan						
April 1993	NA	66.4	W	64.8	60.7	58.9
March 1993	NA	69.7	66.5	66.6	61.9	60.6
April 1992	112.9	64.7	W	64.0	58.5	58.1
Minnesota						
April 1993	W	72.0	63.1	65.2	60.9	60.8
March 1993	W	70.0	65.4	68.0	61.7	62.6
April 1992	W	69.1	62.0	65.6	59.6	59.5
Missouri						
April 1993	-	67.4	W	63.9	61.1	58.4
March 1993	-	64.9	65.6	65.3	62.3	59.6
April 1992	-	64.9	W	62.6	59.4	57.6
Nebraska						
April 1993	-	73.5	-	63.0	W	60.5
March 1993	-	W	W	66.4	W	61.5
April 1992	-	W	W	60.4	55.6	59.0
North Dakota						
April 1993	-	-	-	68.9	W	63.4
March 1993	W	W	68.6	69.1	W	63.7
April 1992	W	W	W	66.5	W	60.0

See footnotes at end of table.

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

Geographic Area Month	Kerosene		No. 1 Distillate		No. 2 Distillate	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Ohio						
April 1993	76.9	67.8	NA	65.3	63.7	60.6
March 1993	81.2	69.5	73.8	67.3	65.1	62.2
April 1992	86.1	66.3	78.1	62.7	61.0	57.7
Oklahoma						
April 1993	W	63.9	-	W	59.4	57.0
March 1993	-	68.7	66.7	61.3	59.9	57.9
April 1992	W	62.8	W	W	56.5	56.1
South Dakota						
April 1993	-	W	W	64.4	62.0	62.3
March 1993	-	W	67.8	68.0	62.0	62.3
April 1992	-	W	W	63.6	W	60.1
Tennessee						
April 1993	99.6	65.2	W	61.8	59.4	56.6
March 1993	103.3	66.4	63.3	64.6	61.5	58.4
April 1992	110.6	63.7	W	61.7	58.4	56.2
Wisconsin						
April 1993	W	71.1	W	64.1	59.9	58.8
March 1993	W	W	66.4	66.1	61.9	60.5
April 1992	W	70.2	W	64.9	59.6	58.7
PAD District III Average						
April 1993	74.9	W	62.2	60.8	61.4	55.9
March 1993	86.0	57.6	64.1	62.3	61.4	57.0
April 1992	71.8	56.2	59.4	59.5	57.6	54.4
Alabama						
April 1993	W	60.7	W	W	58.5	56.1
March 1993	W	64.6	63.7	W	60.2	58.1
April 1992	W	61.1	W	W	57.1	56.0
Arkansas						
April 1993	-	62.6	W	W	61.1	56.6
March 1993	W	65.5	W	W	61.7	58.4
April 1992	W	62.7	-	-	58.0	56.2
Louisiana						
April 1993	W	W	-	W	58.1	54.7
March 1993	W	W	W	W	59.4	55.9
April 1992	W	55.8	-	W	55.7	53.9
Mississippi						
April 1993	-	W	W	W	57.6	54.8
March 1993	-	W	63.8	W	59.4	55.6
April 1992	-	W	W	-	56.9	53.5
New Mexico						
April 1993	-	82.4	W	72.7	74.8	67.4
March 1993	W	84.2	W	75.1	71.2	65.8
April 1992	-	78.0	W	69.9	69.8	62.3
Texas						
April 1993	W	64.5	W	69.7	61.5	55.8
March 1993	W	64.6	W	67.6	61.2	56.9
April 1992	W	60.4	W	62.4	57.0	53.9
PAD District IV Average						
April 1993	-	W	80.2	74.2	66.4	65.9
March 1993	-	72.6	75.6	72.4	64.5	64.5
April 1992	-	W	75.7	36.8	61.0	61.4
Colorado						
April 1993	-	W	W	72.6	66.0	63.2
March 1993	-	W	79.7	70.5	64.3	63.4
April 1992	-	W	W	63.2	61.1	59.9
Idaho						
April 1993	-	-	-	74.8	W	69.2
March 1993	-	W	W	76.2	W	67.4
April 1992	-	-	-	70.3	W	64.7
Montana						
April 1993	-	-	W	76.6	65.9	65.4
March 1993	-	-	70.4	71.8	62.0	62.0
April 1992	-	-	W	71.1	61.5	60.5

See footnotes at end of table.

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

Geographic Area Month	Kerosene		No. 1 Distillate		No. 2 Distillate	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Utah						
April 1993	-	W	W	75.0	66.5	67.9
March 1993	-	W	75.8	76.4	66.0	67.3
April 1992	-	W	W	68.8	59.9	61.6
Wyoming						
April 1993	-	-	77.9	75.2	66.7	65.2
March 1993	-	W	72.7	71.4	63.7	62.6
April 1992	-	-	69.1	68.5	61.7	61.0
PAD District V Average						
April 1993	W	74.8	78.2	73.5	68.6	63.4
March 1993	W	66.9	79.6	73.6	65.7	60.7
April 1992	W	65.8	79.0	70.5	59.6	57.1
Alaska						
April 1993	-	-	85.1	73.3	84.1	61.1
March 1993	-	-	85.1	75.9	80.1	62.8
April 1992	W	W	84.1	72.1	NA	62.0
Arizona						
April 1993	W	W	-	83.0	75.9	72.1
March 1993	W	W	W	79.1	70.2	66.6
April 1992	W	W	-	W	64.6	61.5
California						
April 1993	-	69.7	W	68.6	67.3	62.0
March 1993	-	63.7	W	68.3	64.7	59.5
April 1992	-	W	68.3	65.7	59.7	57.0
Hawaii						
April 1993	-	-	W	W	67.6	73.5
March 1993	-	-	W	W	65.4	72.7
April 1992	-	-	W	W	59.7	68.5
Nevada						
April 1993	-	-	W	75.0	70.6	66.5
March 1993	-	-	W	71.6	66.4	63.3
April 1992	-	-	W	68.3	64.4	60.4
Oregon						
April 1993	-	W	W	77.4	65.9	64.4
March 1993	W	W	76.9	71.5	62.6	61.4
April 1992	-	W	W	69.3	58.1	56.6
Washington						
April 1993	-	W	W	75.2	66.8	63.6
March 1993	-	W	79.8	71.3	63.9	59.9
April 1992	-	W	W	66.8	59.1	54.7

Dashes (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

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

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

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

**Table 37. No. 2 Distillate Prices by Seller, PAD District,
and Selected States**
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Refiners			Resellers and Retailers			All Sellers		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	To Residential Consumers ^a	To Non- Residential End Users		To Residential Consumers ^a	To Non- Residential End Users		To Residential Consumers ^a	To Non- Residential End Users	
U.S. Average									
April 1993	88.5	62.1	58.7	92.7	71.2	60.9	92.6	68.5	59.3
March 1993	89.8	62.7	59.5	95.5	71.0	61.6	95.4	68.5	60.1
April 1992	86.6	58.9	56.8	92.6	68.8	59.3	92.5	65.7	57.5
PAD District I Average									
April 1993	87.7	61.1	57.5	93.6	70.6	60.1	93.5	67.7	58.5
March 1993	89.8	62.9	59.6	96.6	71.7	61.2	96.5	69.2	60.3
April 1992	87.5	59.4	57.0	94.0	69.0	58.5	93.9	66.1	57.6
Subdistrict IA Average									
April 1993	W	61.3	58.1	90.4	73.0	59.8	90.4	71.1	59.1
March 1993	W	63.1	60.8	93.5	75.1	61.8	93.5	73.9	61.5
April 1992	W	59.5	58.4	90.2	72.4	58.0	90.2	70.7	58.1
Connecticut									
April 1993	-	61.3	58.2	93.8	72.6	60.3	93.8	71.0	59.4
March 1993	-	63.7	60.3	96.7	77.0	61.2	96.7	75.8	60.8
April 1992	-	60.6	58.6	93.0	73.4	57.0	93.0	72.2	57.7
Maine									
April 1993	-	58.9	57.7	83.1	73.4	59.0	83.1	72.2	58.6
March 1993	-	61.8	61.4	86.5	74.1	62.6	86.5	73.6	62.2
April 1992	-	59.7	58.8	85.5	72.1	60.8	85.5	71.3	60.0
Massachusetts									
April 1993	W	62.3	58.6	91.4	72.4	59.7	91.3	70.2	59.3
March 1993	W	63.2	61.2	94.9	74.0	61.9	94.8	72.6	61.7
April 1992	W	59.0	58.6	91.5	71.1	57.1	91.4	69.0	57.6
New Hampshire									
April 1993	-	58.3	58.3	84.9	75.2	60.1	84.9	73.8	59.8
March 1993	-	61.1	61.6	86.6	76.5	62.3	86.6	75.6	62.2
April 1992	-	59.2	59.1	81.9	71.7	60.8	81.9	70.7	60.4
Rhode Island									
April 1993	W	58.2	57.3	90.3	71.8	59.1	90.3	68.8	58.2
March 1993	W	61.9	60.3	92.5	75.8	61.1	92.4	74.2	60.8
April 1992	W	59.4	56.2	90.4	74.9	58.4	90.4	72.6	57.4
Vermont									
April 1993	-	62.0	W	91.2	74.6	64.5	91.2	73.5	62.8
March 1993	-	64.9	63.0	93.7	76.6	64.8	93.7	75.5	64.2
April 1992	-	62.9	60.2	91.7	75.5	65.1	91.7	74.5	62.4
Subdistrict IB Average									
April 1993	87.3	62.2	57.4	96.2	71.5	60.4	96.0	69.0	58.5
March 1993	90.0	64.3	59.7	98.8	73.8	60.8	98.6	71.1	60.1
April 1992	87.3	60.8	57.1	96.5	69.9	58.6	96.3	67.4	57.6
Delaware									
April 1993	-	60.7	56.5	91.6	67.2	60.3	91.6	66.1	57.5
March 1993	-	62.3	59.4	92.4	69.8	63.3	92.4	67.6	60.1
April 1992	-	59.4	W	91.5	67.1	60.4	91.5	65.1	57.5
District of Columbia									
April 1993	-	59.2	57.4	105.8	68.0	W	105.8	67.8	57.6
March 1993	-	W	59.0	108.5	69.8	59.2	108.5	67.0	59.1
April 1992	-	W	58.0	104.7	66.7	W	104.7	61.5	58.2
Maryland									
April 1993	W	58.8	58.3	99.4	69.1	61.6	99.4	66.6	59.4
March 1993	W	60.5	60.1	101.7	71.6	61.8	101.6	68.4	60.8
April 1992	W	57.7	58.2	99.2	69.4	59.3	99.1	65.7	58.6
New Jersey									
April 1993	-	61.3	56.8	95.3	70.8	58.0	95.3	67.6	57.2
March 1993	-	63.9	59.0	96.2	71.4	58.8	96.2	68.5	59.0
April 1992	-	60.1	56.0	92.8	66.3	56.2	92.8	64.3	56.0
New York									
April 1993	W	64.3	58.0	100.6	73.4	61.3	100.4	71.1	59.5
March 1993	W	67.6	60.0	104.4	78.2	61.4	104.2	75.5	60.6
April 1992	W	63.2	58.4	101.3	73.9	60.2	101.1	71.1	59.1

See footnotes at end of table.

**Table 37. No. 2 Distillate Prices by Seller, PAD District,
and Selected States (Continued)**
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Refiners			Resellers and Retailers			All Sellers		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	To Residential Consumers ^a	To Non- Residential End Users		To Residential Consumers ^a	To Non- Residential End Users		To Residential Consumers ^a	To Non- Residential End Users	
Pennsylvania									
April 1993	W	62.4	57.5	89.4	71.8	61.5	89.1	69.0	58.9
March 1993	W	63.9	60.2	89.9	72.5	62.3	89.8	70.1	61.0
April 1992	W	61.2	57.5	89.5	69.1	59.3	89.3	67.2	58.1
Subdistrict IC Average^b									
April 1993	77.6	60.6	57.6	91.9	69.2	59.9	91.9	66.1	58.2
March 1993	80.3	62.0	59.1	95.4	68.6	61.3	95.4	66.4	59.8
April 1992	W	58.6	56.3	93.1	67.1	59.3	93.1	64.0	57.0
Virginia									
April 1993	W	59.7	57.4	89.8	69.4	59.8	89.8	67.1	58.0
March 1993	W	61.7	59.1	94.2	69.8	59.6	94.2	68.0	59.3
April 1992	W	58.5	56.5	92.7	68.6	58.8	92.6	65.7	57.1
West Virginia									
April 1993	W	63.2	58.5	87.1	68.0	65.3	86.9	65.8	59.8
March 1993	W	64.2	60.8	90.2	70.3	65.3	89.9	67.5	61.4
April 1992	W	61.4	58.3	86.2	68.8	65.0	85.6	65.5	59.1
PAD District II Average^b									
April 1993	W	60.7	58.8	85.6	70.3	60.9	85.6	67.4	59.4
March 1993	W	62.1	60.2	85.4	70.8	62.4	85.4	67.7	60.8
April 1992	W	58.8	57.8	82.0	69.0	61.0	82.0	65.5	58.6
Illinois									
April 1993	-	59.1	57.2	NA	70.9	60.3	NA	67.8	58.1
March 1993	-	61.4	58.9	90.0	73.3	62.6	90.0	70.0	60.0
April 1992	-	58.2	57.5	87.7	70.8	59.3	87.7	67.6	57.9
Indiana									
April 1993	W	59.6	58.0	85.1	71.3	58.4	85.1	67.2	58.1
March 1993	W	61.2	59.7	83.1	70.5	60.3	83.1	66.4	59.9
April 1992	W	57.5	57.3	81.1	69.9	61.4	81.1	64.0	58.6
Michigan									
April 1993	-	60.7	58.9	90.8	72.3	64.1	90.8	67.9	60.2
March 1993	-	61.9	60.6	90.1	74.4	64.1	90.1	69.1	61.7
April 1992	-	58.5	58.1	86.7	73.2	63.5	86.7	67.6	59.9
Minnesota									
April 1993	-	60.9	60.8	83.3	75.7	62.6	83.3	72.0	61.3
March 1993	-	61.7	62.6	83.9	75.0	64.6	83.9	70.6	63.1
April 1992	-	59.6	59.5	81.0	72.0	63.1	81.0	68.6	60.3
Ohio									
April 1993	W	63.5	60.6	86.9	72.1	61.9	86.9	67.4	60.9
March 1993	W	64.8	62.2	86.6	70.9	62.9	86.6	67.8	62.3
April 1992	W	60.8	57.7	83.0	68.3	60.0	82.8	64.4	58.3
Wisconsin									
April 1993	-	59.9	58.8	84.7	73.3	61.6	84.7	71.0	59.7
March 1993	-	61.9	60.5	84.0	71.4	62.8	84.0	69.6	61.2
April 1992	-	59.6	58.7	80.9	69.2	60.1	80.9	67.6	59.1
PAD District III Average									
April 1993	-	61.4	55.9	79.5	67.3	59.1	79.5	65.5	56.5
March 1993	-	61.4	57.0	NA	66.4	58.2	NA	65.0	57.2
April 1992	-	57.6	54.4	70.1	64.4	56.5	70.1	62.3	54.9
PAD District IV Average^b									
April 1993	-	66.4	65.9	82.9	76.7	69.2	82.9	74.0	66.6
March 1993	-	64.5	64.5	86.9	75.9	66.9	86.9	72.1	65.0
April 1992	-	61.0	61.4	81.9	72.8	65.5	81.9	69.1	62.1
Idaho									
April 1993	-	W	69.3	84.1	80.1	70.7	84.1	78.6	69.6
March 1993	-	W	67.4	87.8	78.0	71.8	87.8	75.6	68.1
April 1992	-	W	64.7	84.2	75.2	69.8	84.2	73.5	65.9

See footnotes at end of table.

**Table 37. No. 2 Distillate Prices by Seller, PAD District,
and Selected States (Continued)**
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Refiners			Resellers and Retailers			All Sellers		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	To Residential Consumers ^a	To Non- Residential End Users		To Residential Consumers ^a	To Non- Residential End Users		To Residential Consumers ^a	To Non- Residential End Users	
PAD District V Average^b									
April 1993	92.6	68.1	63.4	98.0	77.3	67.8	97.4	74.9	64.1
March 1993	92.2	65.0	60.7	96.7	74.8	67.2	96.2	72.2	61.8
April 1992	85.6	59.3	57.1	91.2	72.1	63.4	90.5	68.1	58.1
Alaska									
April 1993	W	83.5	61.1	100.5	87.8	78.9	97.0	87.0	64.4
March 1993	W	78.4	62.8	97.8	90.1	80.3	94.2	86.9	66.4
April 1992	W	NA	62.0	95.4	85.3	70.5	91.9	NA	64.0
Oregon									
April 1993	W	65.0	64.4	90.5	76.6	70.2	91.5	72.8	64.7
March 1993	W	61.4	61.4	89.8	76.6	66.1	90.7	72.0	61.9
April 1992	W	57.5	56.6	86.4	71.5	63.0	86.9	67.9	57.4
Washington									
April 1993	W	64.6	63.6	102.0	76.4	68.5	101.5	74.3	63.9
March 1993	W	60.8	59.9	100.1	72.7	68.2	99.7	69.3	61.1
April 1992	W	57.9	54.7	93.2	70.4	63.6	92.5	67.5	55.7

^a No. 2 fuel oil only.

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

Dashes (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

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

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

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Table 38. No. 2 Distillate Prices by Sales Type, PAD District, and Selected States
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Sales to End Users						Sales for Resale
	To Residential Consumers ^a	To Commercial/ Institutional Consumers	To Industrial Consumers	Sales Through Company Outlets ^b	To Other End Users ^c	Average	
U.S. Average							
April 1993	92.6	63.8	69.0	72.5	72.4	72.3	59.3
March 1993	95.4	65.3	67.8	72.2	71.7	76.1	60.1
April 1992	92.5	61.8	65.6	69.0	70.0	70.3	57.5
PAD District I Average							
April 1993	93.5	65.5	68.3	72.8	67.4	76.5	58.5
March 1993	96.5	68.6	68.1	72.2	68.5	82.7	60.3
April 1992	93.9	64.8	65.4	69.4	66.6	76.3	57.6
Subdistrict IA Average							
April 1993	90.4	70.0	70.3	79.3	69.5	83.4	59.1
March 1993	93.5	73.1	70.2	82.6	73.4	87.3	61.5
April 1992	90.2	69.9	67.7	80.0	67.4	82.6	58.1
Connecticut							
April 1993	93.8	70.9	66.6	82.2	69.4	86.9	59.4
March 1993	96.7	73.6	67.2	NA	70.8	91.4	60.8
April 1992	93.0	70.9	66.6	82.9	61.2	85.6	57.7
Maine							
April 1993	83.1	69.6	71.1	80.2	72.3	78.3	58.6
March 1993	86.5	72.3	71.9	80.3	74.5	81.1	62.2
April 1992	85.5	70.1	68.7	78.3	71.2	78.7	60.0
Massachusetts							
April 1993	91.3	69.2	NA	78.3	68.5	83.4	59.3
March 1993	94.8	72.6	70.8	80.7	69.7	86.8	61.7
April 1992	91.4	68.9	66.2	77.3	65.0	81.9	57.6
New Hampshire							
April 1993	84.9	71.1	63.3	78.1	NA	80.8	59.8
March 1993	86.6	73.8	65.1	77.9	NA	84.0	62.2
April 1992	81.9	69.0	64.5	75.9	75.6	78.1	60.4
Rhode Island							
April 1993	90.3	69.3	69.9	77.5	62.1	84.6	58.2
March 1993	92.4	75.8	71.1	76.8	64.4	88.7	60.8
April 1992	90.4	74.2	68.9	75.6	63.5	85.9	57.4
Vermont							
April 1993	91.2	73.0	71.3	80.6	74.4	82.7	62.8
March 1993	93.7	75.0	72.4	80.4	NA	87.1	64.2
April 1992	91.7	72.9	73.9	81.3	78.1	84.3	62.4
Subdistrict IB Average							
April 1993	96.0	67.2	70.4	75.5	67.1	80.8	58.5
March 1993	98.6	71.0	70.3	75.3	68.5	87.6	60.1
April 1992	96.3	67.0	66.4	71.7	66.0	81.3	57.6
Delaware							
April 1993	91.6	62.7	65.8	70.3	67.4	73.5	57.5
March 1993	92.4	66.4	66.7	72.8	65.7	82.5	60.1
April 1992	91.5	62.5	63.9	68.9	66.2	77.5	57.5
District of Columbia							
April 1993	105.8	67.7	W	W	68.2	73.2	57.6
March 1993	108.5	67.1	W	W	63.6	75.7	59.1
April 1992	104.7	65.7	W	W	W	69.0	58.2
Maryland							
April 1993	99.4	64.3	65.6	75.7	68.2	75.3	59.4
March 1993	101.6	68.1	68.1	75.5	67.2	83.1	60.8
April 1992	99.1	63.6	66.6	72.7	68.6	75.3	58.6
New Jersey							
April 1993	95.3	66.2	NA	73.2	63.4	79.6	57.2
March 1993	96.2	68.5	65.9	76.1	W	84.4	59.0
April 1992	92.8	64.9	61.2	66.9	W	77.3	56.0
New York							
April 1993	100.4	71.6	72.5	79.9	65.2	86.9	59.5
March 1993	104.2	76.2	77.1	78.3	70.9	95.8	60.6
April 1992	101.1	72.2	72.2	75.5	65.7	90.2	59.1

See footnotes at end of table.

Table 38. No. 2 Distillate Prices by Sales Type, PAD District, and Selected States (Continued)
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Sales to End Users						Sales for Resale
	To Residential Consumers ^a	To Commercial/ Institutional Consumers	To Industrial Consumers	Sales Through Company Outlets ^b	To Other End Users ^c	Average	
Pennsylvania							
April 1993	89.1	65.0	69.3	74.8	70.7	77.1	58.9
March 1993	89.8	68.6	70.0	74.0	69.9	80.8	61.0
April 1992	89.3	65.5	65.9	71.5	69.3	75.6	58.1
Subdistrict IC Average^d							
April 1993	91.9	62.3	66.5	70.9	67.4	67.6	58.2
March 1993	95.4	63.3	66.1	69.8	68.1	72.1	59.8
April 1992	93.1	60.3	64.3	67.2	66.8	66.4	57.0
Virginia							
April 1993	89.8	64.1	65.1	72.1	69.9	70.1	58.0
March 1993	94.2	66.0	67.4	70.2	70.9	75.8	59.3
April 1992	92.6	61.7	66.1	69.5	70.6	70.3	57.1
West Virginia							
April 1993	86.9	62.0	66.7	74.6	66.1	66.5	59.8
March 1993	89.9	64.5	68.8	75.5	67.5	69.0	61.4
April 1992	85.6	61.9	67.8	71.3	67.6	66.1	59.1
PAD District II Average^d							
April 1993	85.6	61.1	68.0	69.6	75.2	68.6	59.4
March 1993	85.4	62.7	68.5	70.2	74.4	69.7	60.8
April 1992	82.0	59.9	66.6	67.3	72.6	66.6	58.6
Illinois							
April 1993	NA	60.7	72.9	70.9	74.4	68.4	58.1
March 1993	90.0	65.7	73.9	71.5	73.4	71.0	60.0
April 1992	87.7	62.3	74.7	66.6	71.9	68.1	57.9
Indiana							
April 1993	85.1	60.9	65.3	69.1	80.1	67.7	58.1
March 1993	83.1	61.7	65.9	68.1	80.3	68.1	59.9
April 1992	81.1	58.6	62.8	65.6	81.0	64.9	58.6
Michigan							
April 1993	90.8	63.5	69.8	71.6	NA	72.1	60.2
March 1993	90.1	63.8	71.7	72.7	76.1	74.9	61.7
April 1992	86.7	62.5	66.8	69.6	74.5	71.1	59.9
Minnesota							
April 1993	83.3	64.8	68.6	74.6	77.9	74.0	61.3
March 1993	83.9	65.2	68.3	72.9	77.4	74.9	63.1
April 1992	81.0	61.7	66.6	69.9	74.4	70.9	60.3
Ohio							
April 1993	86.9	63.2	67.1	70.3	75.6	69.6	60.9
March 1993	86.6	64.1	69.1	70.6	74.4	70.2	62.3
April 1992	82.8	60.1	66.9	67.2	74.0	65.8	58.3
Wisconsin							
April 1993	84.7	65.3	NA	73.1	76.5	74.1	59.7
March 1993	84.0	65.2	67.0	72.0	77.7	74.2	61.2
April 1992	80.9	63.3	64.2	68.9	74.8	70.5	59.1
PAD District III Average							
April 1993	79.5	60.5	63.9	71.1	68.2	65.5	56.5
March 1993	NA	59.5	63.7	71.6	71.1	65.0	57.2
April 1992	70.1	57.7	61.2	67.2	68.6	62.3	54.9
PAD District IV Average^d							
April 1993	82.9	66.8	71.4	79.9	79.8	74.2	66.6
March 1993	86.9	66.8	70.7	77.3	76.1	72.4	65.0
April 1992	81.9	63.8	67.1	73.6	74.6	69.3	62.1
Idaho							
April 1993	84.1	71.2	NA	78.5	81.7	78.9	69.6
March 1993	87.3	69.1	73.4	79.4	79.0	77.0	68.1
April 1992	84.2	66.1	70.6	76.0	75.8	73.9	65.9

See footnotes at end of table.

Table 38. No. 2 Distillate Prices by Sales Type, PAD District, and Selected States (Continued)
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Sales to End Users						Sales for Resale
	To Residential Consumers ^a	To Commercial/ Institutional Consumers	To Industrial Consumers	Sales Through Company Outlets ^b	To Other End Users ^c	Average	
PAD District V Average^d							
April 1993	97.4	69.8	77.6	80.9	75.6	76.0	64.1
March 1993	96.2	67.8	72.4	78.6	72.7	73.8	61.8
April 1992	90.5	63.0	69.8	74.6	70.0	68.9	58.1
Alaska							
April 1993	97.0	86.4	86.0	92.2	85.3	89.3	64.4
March 1993	94.2	87.3	86.6	89.1	81.7	88.4	66.4
April 1992	91.9	NA	79.3	85.6	82.1	NA	64.0
Oregon							
April 1993	91.5	67.5	79.5	76.3	76.9	74.6	64.7
March 1993	90.7	66.7	74.7	78.0	77.7	74.2	61.9
April 1992	86.9	63.6	69.0	75.9	71.2	69.0	57.4
Washington							
April 1993	101.5	69.3	75.1	81.5	77.4	78.3	63.9
March 1993	99.7	64.7	70.2	77.9	72.6	77.3	61.1
April 1992	92.5	62.7	67.8	74.6	72.7	70.7	55.7

^a No. 2 fuel oil only.

^b No. 2 diesel fuel only.

^c Sales to "other end users" are all end-user sales not included in the other end-user categories shown, e.g., sales to agricultural customers or utilities.

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

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Note: Values shown for the current month are preliminary. Values shown for previous month 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," and EIA-782B, "Reseller/Retailers' Monthly Petroleum Product Sales Report."

**Table 39. No. 2 Fuel Oil Prices by Sales Type, PAD District,
and Selected States**
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Sales to End Users					Sales for Resale
	To Residential Consumers	To Commercial/ Institutional Consumers	To Industrial Consumers	To Other End Users ^a	Average	
U.S. Average						
April 1993	92.6	67.7	66.2	65.9	83.9	57.9
March 1993	95.4	72.0	68.2	67.7	88.8	59.6
April 1992	92.5	67.3	65.1	63.5	83.6	56.8
PAD District I Average						
April 1993	93.5	69.6	66.4	64.4	85.9	58.2
March 1993	96.5	73.8	68.1	66.9	90.5	60.1
April 1992	93.9	69.7	64.8	62.3	85.9	57.3
Subdistrict 1A Average						
April 1993	90.4	72.9	69.3	68.1	86.6	58.8
March 1993	93.5	74.4	71.1	71.2	89.3	61.2
April 1992	90.2	71.2	67.2	63.8	85.5	57.7
Connecticut						
April 1993	93.8	73.8	68.6	61.7	90.1	59.1
March 1993	96.7	75.4	69.1	65.6	93.7	60.5
April 1992	93.0	73.6	64.5	58.3	89.1	57.3
Maine						
April 1993	83.1	71.9	71.6	W	79.7	58.4
March 1993	86.5	73.2	72.1	W	82.5	62.1
April 1992	85.5	72.9	69.2	70.5	81.3	59.8
Massachusetts						
April 1993	91.3	72.3	67.3	68.5	86.8	59.1
March 1993	94.8	73.8	72.6	70.0	88.8	61.5
April 1992	91.4	69.3	67.9	63.7	84.7	57.3
New Hampshire						
April 1993	84.9	73.0	62.7	W	82.9	59.2
March 1993	86.6	74.0	65.1	W	85.0	61.6
April 1992	81.9	69.6	63.6	NA	79.6	59.7
Rhode Island						
April 1993	90.3	72.5	70.6	58.9	87.6	58.1
March 1993	92.4	79.2	69.8	W	90.6	60.6
April 1992	90.4	78.2	68.2	57.9	88.3	57.1
Vermont						
April 1993	91.2	80.5	71.9	W	88.5	61.3
March 1993	93.7	79.1	74.1	78.1	90.8	63.1
April 1992	91.7	76.2	72.3	76.7	88.4	61.2
Subdistrict 1B Average						
April 1993	96.0	73.9	66.1	64.6	89.7	58.1
March 1993	98.6	76.3	68.6	67.6	93.0	59.9
April 1992	96.3	72.4	65.0	62.4	88.6	57.3
Delaware						
April 1993	91.6	70.2	62.7	60.4	83.0	57.3
March 1993	92.4	70.4	64.9	62.2	87.7	60.0
April 1992	91.5	67.2	66.0	59.6	86.0	57.3
District of Columbia						
April 1993	105.8	69.1	-	W	76.1	57.2
March 1993	108.5	67.3	W	W	76.5	58.9
April 1992	104.7	71.5	W	W	70.9	57.8
Maryland						
April 1993	99.4	68.0	69.0	64.7	84.5	58.2
March 1993	101.6	72.1	69.3	64.1	89.1	60.4
April 1992	99.1	67.5	64.0	60.7	82.6	57.6
New Jersey						
April 1993	95.3	NA	61.0	61.1	89.1	56.9
March 1993	96.2	74.7	65.5	W	90.4	58.8
April 1992	92.8	67.8	61.1	W	84.3	56.0
New York						
April 1993	100.4	76.3	67.0	65.5	94.3	59.2
March 1993	104.2	79.3	69.0	NA	99.3	60.5
April 1992	101.1	75.9	66.5	64.8	94.5	58.9

See footnotes at end of table.

Table 39. No. 2 Fuel Oil Prices by Sales Type, PAD District, and Selected States (Continued)
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Sales to End Users					Sales for Resale
	To Residential Consumers	To Commercial/ Institutional Consumers	To Industrial Consumers	To Other End Users ^a	Average	
Pennsylvania						
April 1993	89.1	72.6	68.4	66.5	85.6	58.5
March 1993	89.8	75.9	69.3	71.1	86.6	60.8
April 1992	89.3	71.7	65.6	66.9	83.5	57.8
Subdistrict IC Average^b						
April 1993	91.9	61.2	64.8	63.4	71.0	57.4
March 1993	95.4	66.2	65.5	65.0	84.2	59.2
April 1992	93.1	61.4	63.3	61.6	75.3	56.6
Virginia						
April 1993	89.8	64.2	67.6	62.8	75.4	57.5
March 1993	94.2	70.4	69.3	66.5	84.8	59.1
April 1992	92.6	65.9	71.3	60.6	80.1	56.5
West Virginia						
April 1993	86.9	71.0	66.0	63.0	71.2	57.9
March 1993	89.9	69.3	68.1	61.8	76.7	60.2
April 1992	85.6	65.5	64.9	59.1	71.1	57.5
PAD District II Average^b						
April 1993	85.6	62.0	65.8	70.2	74.6	58.3
March 1993	85.4	62.7	68.7	70.3	77.6	60.0
April 1992	82.0	59.0	65.1	67.5	72.0	57.8
Illinois						
April 1993	NA	60.9	70.3	70.3	72.6	57.2
March 1993	90.0	63.9	75.5	71.4	77.0	59.1
April 1992	87.7	60.3	73.2	64.0	69.4	57.8
Indiana						
April 1993	85.1	61.4	62.5	78.2	66.8	57.4
March 1993	83.1	62.0	66.3	78.9	74.0	59.1
April 1992	81.1	57.2	62.9	75.6	69.6	56.9
Michigan						
April 1993	90.8	61.1	68.2	68.4	81.4	59.3
March 1993	90.1	62.0	73.3	72.9	83.2	61.1
April 1992	86.7	59.5	70.5	71.0	77.1	58.4
Minnesota						
April 1993	83.3	69.4	66.2	76.5	77.8	60.7
March 1993	83.9	65.8	66.8	77.1	81.2	62.2
April 1992	81.0	61.9	63.4	66.9	77.3	59.4
Ohio						
April 1993	86.9	65.9	66.7	67.4	76.1	59.7
March 1993	86.6	63.4	67.8	67.2	76.5	61.6
April 1992	82.8	59.2	63.6	63.1	69.7	57.7
Wisconsin						
April 1993	84.7	63.2	70.0	NA	81.7	58.9
March 1993	84.0	65.4	72.0	76.2	81.0	60.6
April 1992	80.9	63.9	67.7	70.6	76.7	58.3
PAD District III Average						
April 1993	79.5	55.8	59.6	55.4	57.1	54.8
March 1993	NA	57.0	60.0	55.9	58.1	55.6
April 1992	70.1	W	57.5	54.5	55.5	52.9
PAD District IV Average^b						
April 1993	82.9	64.2	W	NA	73.4	64.4
March 1993	86.9	64.7	W	NA	77.4	63.5
April 1992	81.9	59.5	65.5	W	68.4	60.5
Idaho						
April 1993	84.1	71.8	-	W	83.2	69.2
March 1993	87.8	W	-	W	87.1	66.9
April 1992	84.2	W	W	W	82.5	63.6

See footnotes at end of table.

**Table 39. No. 2 Fuel Oil Prices by Sales Type, PAD District,
and Selected States (Continued)**
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Sales to End Users					Sales for Resale
	To Residential Consumers	To Commercial/ Institutional Consumers	To Industrial Consumers	To Other End Users ^a	Average	
PAD District V Average^b						
April 1993	97.4	NA	73.4	77.5	91.4	62.8
March 1993	96.2	84.0	72.0	77.7	92.4	60.9
April 1992	90.5	79.4	75.2	77.7	86.7	59.3
Alaska						
April 1993	97.0	85.6	94.3	NA	92.9	W
March 1993	94.2	90.0	W	W	92.7	61.1
April 1992	91.9	88.4	W	80.2	89.1	64.3
Oregon						
April 1993	91.5	76.0	W	W	88.0	65.7
March 1993	90.7	77.1	W	77.3	87.8	62.5
April 1992	86.9	78.0	W	74.8	84.0	57.5
Washington						
April 1993	101.5	73.0	71.4	73.0	94.7	64.5
March 1993	99.7	74.3	72.7	69.0	97.4	61.1
April 1992	92.5	71.7	72.8	W	88.3	56.8

^a Sales to "other end users" are all end-user sales not included in the other end-user categories shown, e.g., sales to agricultural customers or utilities.

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

Dashes (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Note: Values shown for the current month are preliminary. Values shown for previous month 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," and EIA-782B, "Reseller/Retailers' Monthly Petroleum Product Sales Report."

Table 40. Refiner No. 4 and Residual Fuel Oil Prices by PAD District
(Cents per Gallon Excluding Taxes)

Geographic Area Month	No. 4 Fuel		Residual Fuel Oil Sulfur Content Less Than or Equal to 1 Percent		Residual Fuel Oil Sulfur Content Greater Than 1 Percent		Average Residual	
	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
U.S. Average								
April 1993	54.8	52.4	43.6	38.4	32.2	29.2	36.3	33.5
March 1993	54.5	53.8	42.6	39.0	31.6	27.5	35.6	32.9
April 1992	49.7	46.5	35.3	32.0	27.4	25.6	29.7	27.6
PAD District I Average								
April 1993	55.6	53.1	43.4	41.1	35.8	31.6	40.0	39.2
March 1993	54.3	54.5	41.6	41.6	34.8	30.9	38.4	39.4
April 1992	49.9	47.1	34.8	35.4	29.1	28.2	31.6	32.8
Subdistrict IA Average								
April 1993	W	W	41.9	39.3	W	W	40.8	39.3
March 1993	W	W	37.9	W	W	W	37.7	W
April 1992	W	W	32.7	W	W	W	30.8	W
Subdistrict IB Average								
April 1993	W	54.1	44.7	42.2	36.4	30.2	42.5	39.2
March 1993	W	56.0	43.7	43.5	34.7	30.1	41.0	40.5
April 1992	W	48.4	37.3	35.6	28.4	29.1	32.7	33.5
Subdistrict IC Average								
April 1993	50.7	W	W	W	35.5	W	36.9	39.4
March 1993	46.3	W	W	W	34.8	W	35.2	33.8
April 1992	48.1	W	W	W	30.2	25.7	30.6	25.8
PAD District II Average								
April 1993	W	W	W	W	W	28.0	33.2	28.6
March 1993	W	W	40.5	W	W	26.8	30.2	27.3
April 1992	W	W	31.9	W	19.5	23.7	23.3	22.3
PAD District III Average								
April 1993	W	-	-	34.6	30.0	27.8	30.0	29.8
March 1993	W	-	-	35.8	28.5	26.9	28.5	30.0
April 1992	W	W	-	29.9	25.1	23.4	25.1	25.2
PAD District IV Average								
April 1993	-	W	-	33.3	W	W	W	22.4
March 1993	-	W	-	W	30.6	15.0	30.6	23.2
April 1992	-	-	-	23.5	27.5	W	27.5	20.7
PAD District V Average								
April 1993	W	51.0	W	34.8	30.2	31.6	33.1	32.6
March 1993	W	W	W	W	30.3	27.3	34.5	27.3
April 1992	W	42.7	37.4	27.4	27.8	27.2	30.4	27.3

Dashes (-) = No data reported.

W = Withheld to avoid disclosure of individual company data.

Note: Values shown for the current month are preliminary. Values shown for previous month 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 41. Residual Fuel Oil Prices by PAD District and Selected States
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Residual Fuel Oil Sulfur Content Less Than or Equal to 1 Percent		Residual Fuel Oil Sulfur Content 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
U.S. Average						
April 1993	43.8	38.6	32.9	30.2	37.1	34.0
March 1993	42.1	40.4	32.9	29.2	36.4	34.3
April 1992	36.4	32.8	27.6	25.9	30.6	28.4
PAD District I Average						
April 1993	44.1	41.0	35.3	32.9	39.8	38.7
March 1993	42.2	42.8	35.1	33.9	38.5	40.5
April 1992	37.2	35.9	28.4	28.4	32.1	33.0
Subdistrict IA Average^a						
April 1993	42.8	39.2	34.8	33.9	38.5	38.5
March 1993	38.4	38.9	32.6	35.6	36.2	38.8
April 1992	34.6	35.1	25.5	27.4	29.8	30.9
Connecticut						
April 1993	42.0	W	W	-	42.2	W
March 1993	38.3	W	W	-	38.3	W
April 1992	32.7	W	W	-	32.7	W
Maine						
April 1993	43.9	W	33.9	34.0	36.8	34.5
March 1993	37.6	W	33.4	33.0	35.6	W
April 1992	34.5	W	29.3	W	32.1	29.5
Massachusetts						
April 1993	42.7	38.7	34.8	33.9	38.6	38.2
March 1993	38.6	38.7	32.7	36.8	36.5	38.6
April 1992	37.8	36.2	24.2	28.2	27.2	32.1
New Hampshire						
April 1993	NA	-	35.4	W	37.1	W
March 1993	43.5	-	30.9	W	31.2	W
April 1992	36.6	W	29.9	W	32.9	W
Rhode Island						
April 1993	42.3	W	W	-	42.3	W
March 1993	40.6	38.2	W	-	40.6	38.2
April 1992	34.6	W	-	-	34.6	W
Subdistrict IB Average^a						
April 1993	46.6	41.6	36.8	31.7	43.9	39.1
March 1993	46.3	44.4	38.0	35.9	42.9	42.4
April 1992	39.6	37.0	29.1	29.2	34.9	34.9
Delaware						
April 1993	41.0	W	35.8	W	40.2	W
March 1993	38.5	W	33.7	-	37.3	W
April 1992	34.7	W	28.2	-	30.8	W
Maryland						
April 1993	W	W	38.4	W	42.1	37.5
March 1993	W	40.6	31.8	W	34.6	40.2
April 1992	35.1	W	29.4	W	31.7	W
New Jersey						
April 1993	45.4	42.1	37.4	30.7	43.4	40.3
March 1993	45.4	43.4	35.9	29.9	42.5	38.5
April 1992	W	35.9	27.9	29.5	31.1	33.2
New York						
April 1993	48.3	43.5	36.8	37.4	45.1	43.5
March 1993	49.1	47.7	42.0	46.9	46.4	47.5
April 1992	42.1	38.3	30.4	W	38.5	38.2
Pennsylvania						
April 1993	47.4	34.7	36.3	36.0	40.2	35.1
March 1993	43.1	39.9	33.6	34.8	37.9	38.9
April 1992	36.9	35.6	28.8	30.4	31.7	33.5
Subdistrict IC Average^a						
April 1993	39.5	W	34.8	34.7	36.4	37.5
March 1993	33.1	W	34.0	30.1	33.9	30.7
April 1992	33.4	W	29.7	27.8	30.5	27.6
Florida						
April 1993	39.3	W	34.5	W	36.4	37.9
March 1993	NA	W	33.5	W	33.2	28.2
April 1992	32.8	W	29.3	26.5	30.2	26.7
Georgia						
April 1993	-	-	37.3	W	37.3	W
March 1993	W	-	35.3	-	35.4	-
April 1992	-	-	30.9	-	30.9	-

See footnotes at end of table.

Table 41. Residual Fuel Oil Prices by PAD District and Selected States (Continued)
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Residual Fuel Oil Sulfur Content Less Than or Equal to 1 Percent		Residual Fuel Oil Sulfur Content 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
North Carolina						
April 1993	W	-	35.6	W	36.3	W
March 1993	50.8	-	34.8	W	35.5	W
April 1992	45.6	-	30.5	W	31.2	W
South Carolina						
April 1993	W	-	W	-	W	-
March 1993	W	-	W	-	W	-
April 1992	W	-	W	-	W	-
Virginia						
April 1993	45.7	W	34.7	36.5	35.1	36.7
March 1993	47.8	W	34.1	W	34.6	W
April 1992	39.8	W	31.0	32.1	31.5	32.2
PAD District II Average^a						
April 1993	42.3	37.7	32.1	28.3	34.3	29.7
March 1993	40.3	37.1	31.9	27.3	34.6	28.2
April 1992	33.0	21.1	25.0	24.2	28.8	22.9
Illinois						
April 1993	42.6	31.6	W	W	42.5	27.2
March 1993	44.4	W	W	W	43.9	W
April 1992	W	W	36.9	W	37.4	W
Indiana						
April 1993	41.0	W	31.6	25.2	32.4	25.3
March 1993	34.9	W	W	W	36.5	W
April 1992	28.5	-	34.2	28.4	31.0	28.4
Michigan						
April 1993	44.4	40.8	37.1	W	42.6	38.1
March 1993	43.8	W	W	W	41.4	33.4
April 1992	34.3	W	W	W	33.7	31.4
Minnesota						
April 1993	W	-	29.7	W	29.7	W
March 1993	W	-	27.7	W	27.9	W
April 1992	W	-	18.6	W	18.7	W
Ohio						
April 1993	W	W	33.2	W	34.1	W
March 1993	W	W	33.4	W	34.5	W
April 1992	31.4	W	22.8	W	25.7	W
PAD District III Average^a						
April 1993	W	34.8	30.2	28.8	30.3	30.3
March 1993	W	35.8	28.7	28.1	29.0	30.4
April 1992	29.0	30.0	25.3	23.8	25.8	25.6
Alabama						
April 1993	W	-	31.7	W	31.8	W
March 1993	-	W	30.2	W	30.2	W
April 1992	-	-	27.5	-	27.5	-
Louisiana						
April 1993	W	45.3	29.7	29.7	30.1	30.4
March 1993	W	W	28.1	27.3	28.8	28.3
April 1992	W	31.3	24.7	24.1	25.9	25.3
Mississippi						
April 1993	-	W	W	W	W	29.3
March 1993	-	-	W	W	W	W
April 1992	-	-	W	W	W	W
Texas						
April 1993	-	34.1	30.3	28.2	30.3	30.4
March 1993	-	35.7	28.9	29.0	28.9	31.9
April 1992	W	29.4	25.4	23.4	25.4	26.0
PAD District IV Average						
April 1993	W	33.1	28.8	W	36.0	22.6
March 1993	W	41.4	30.5	15.0	34.4	23.3
April 1992	-	23.5	27.5	W	27.5	20.7
PAD District V Average^a						
April 1993	44.7	34.9	30.5	31.9	32.8	33.1
March 1993	47.0	28.0	30.5	28.1	34.1	28.1
April 1992	37.4	27.7	28.5	27.4	30.4	27.5

See footnotes at end of table.

Table 41. Residual Fuel Oil Prices by PAD District and Selected States (Continued)
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Residual Fuel Oil Sulfur Content Less Than or Equal to 1 Percent		Residual Fuel Oil Sulfur Content 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
California						
April 1993	NA	33.7	31.5	33.2	31.6	33.4
March 1993	37.0	28.0	31.2	30.2	31.3	29.6
April 1992	35.5	27.7	28.7	28.4	28.9	28.3
Hawaii						
April 1993	W	W	29.2	33.2	38.9	W
March 1993	W	-	33.1	W	43.9	W
April 1992	W	-	29.3	W	35.4	W
Oregon						
April 1993	W	-	31.4	38.3	31.5	38.3
March 1993	W	-	31.3	37.4	31.4	37.4
April 1992	W	-	30.6	W	30.7	W
Washington						
April 1993	W	-	29.3	28.7	29.4	28.7
March 1993	-	-	29.1	W	29.1	W
April 1992	-	-	27.6	27.4	27.6	27.4

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

Dashes (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Note: Values shown for the current month are preliminary. Values shown for previous month 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," and EIA-782B, "Reseller/Retailers' Monthly Petroleum Product Sales Report."

**Sales
Volumes of
Petroleum
Products**

**Table 42. Refiner Total Motor Gasoline Volumes by Seller,
PAD District, and State**
(Thousand Gallons)

Geographic Area Month	Major Refiners			Other Refiners			Total		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
U.S. Total									
April 1993	1,223,710	54,196	6,353,992	446,166	20,374	1,713,137	1,669,876	74,570	8,067,128
March 1993	1,244,386	56,476	6,367,861	465,906	10,882	1,786,025	1,710,292	76,358	8,153,886
April 1992	1,213,660	60,027	6,376,880	464,398	22,486	1,803,441	1,678,058	82,513	8,180,321
PAD District I Total									
April 1993	373,974	16,993	2,511,652	74,174	11,641	304,890	448,148	28,634	2,816,542
March 1993	370,871	17,140	2,473,740	70,946	10,799	286,235	441,817	27,939	2,759,975
April 1992	362,074	19,939	2,431,403	76,256	13,409	285,483	438,330	33,348	2,716,886
Subdistrict IA Total									
April 1993	19,112	W	320,096	-	W	49,086	19,112	5,123	369,182
March 1993	18,126	W	318,594	-	W	20,330	18,126	3,371	338,924
April 1992	19,211	W	297,412	-	W	33,909	19,211	4,355	331,321
Connecticut									
April 1993	W	W	W	-	W	W	W	1,264	90,286
March 1993	W	W	W	-	W	W	W	695	94,410
April 1992	W	W	W	-	W	W	W	864	93,109
Maine									
April 1993	-	W	W	-	W	W	-	308	38,120
March 1993	-	W	W	-	W	W	-	156	35,896
April 1992	-	W	W	-	W	W	-	352	33,593
Massachusetts									
April 1993	10,116	W	147,830	-	W	39,074	10,116	2,943	186,904
March 1993	9,614	W	143,545	-	W	9,324	9,614	2,070	152,869
April 1992	10,421	W	123,724	-	W	23,061	10,421	2,157	146,785
New Hampshire									
April 1993	2,651	W	W	-	W	W	2,651	W	15,308
March 1993	2,690	W	W	-	W	W	2,690	W	16,650
April 1992	W	W	W	-	W	W	W	W	17,182
Rhode Island									
April 1993	W	W	W	-	W	W	W	192	34,541
March 1993	W	W	W	-	W	W	W	176	34,364
April 1992	2,586	W	W	-	W	W	2,586	185	35,315
Vermont									
April 1993	-	W	W	-	W	W	-	W	4,023
March 1993	-	W	W	-	W	W	-	W	4,735
April 1992	-	W	W	-	W	W	-	W	5,337
Subdistrict IB Total									
April 1993	124,104	W	1,053,684	28,635	W	113,066	152,739	11,080	1,166,750
March 1993	118,496	W	1,027,664	27,260	W	120,278	145,756	11,173	1,147,942
April 1992	128,048	W	1,018,125	29,645	W	121,870	157,693	11,525	1,139,995
Delaware									
April 1993	W	240	25,250	-	-	1,100	W	240	26,350
March 1993	W	W	W	-	-	W	W	W	25,632
April 1992	W	W	W	-	-	W	W	W	26,248
District of Columbia									
April 1993	-	W	12,993	-	-	-	-	W	12,993
March 1993	-	W	W	-	-	W	-	W	12,444
April 1992	-	355	W	-	-	W	-	355	12,677
Maryland									
April 1993	-	1,086	139,057	-	-	23,794	-	1,086	162,851
March 1993	-	W	140,144	-	W	22,963	-	1,231	163,107
April 1992	-	1,466	137,416	W	W	15,802	W	W	153,218
New Jersey									
April 1993	W	W	261,377	W	W	34,026	33,448	3,098	295,403
March 1993	W	W	275,282	W	W	37,024	31,185	3,046	312,306
April 1992	W	W	265,218	W	W	38,036	31,372	2,176	303,254
New York									
April 1993	43,308	1,356	316,531	W	W	26,058	W	W	342,589
March 1993	42,696	W	292,152	W	W	27,527	W	2,480	319,679
April 1992	W	W	276,673	W	W	30,694	59,218	2,262	307,367
Pennsylvania									
April 1993	48,575	1,764	298,476	13,048	2,584	28,088	61,623	4,348	326,564
March 1993	45,978	1,522	284,272	11,980	2,623	30,502	57,958	4,145	314,774
April 1992	53,011	1,274	300,757	13,206	3,666	36,474	66,217	4,940	337,231

See footnotes at end of table.

**Table 42. Refiner Total Motor Gasoline Volumes by Seller,
PAD District, and State (Continued)**
(Thousand Gallons)

Geographic Area Month	Major Refiners			Other Refiners			Total		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
Subdistrict IC Total									
April 1993	230,758	8,871	1,137,872	45,539	3,580	142,738	276,297	12,451	1,280,610
March 1993	234,249	9,367	1,127,482	43,686	4,028	145,627	277,935	13,395	1,273,109
April 1992	214,815	12,090	1,115,866	46,611	5,378	129,704	261,426	17,468	1,245,570
Florida									
April 1993	114,016	W	354,414	11,403	W	56,371	125,419	5,158	410,785
March 1993	122,192	W	369,519	11,529	W	61,924	133,721	5,786	431,443
April 1992	110,904	W	339,450	12,362	W	45,383	123,266	6,401	384,833
Georgia									
April 1993	44,478	W	210,076	5,092	W	27,499	49,570	2,643	237,575
March 1993	43,149	W	207,538	5,207	W	27,996	48,356	2,720	235,534
April 1992	39,568	1,650	211,216	5,414	-	26,613	44,982	1,650	237,829
North Carolina									
April 1993	W	1,229	234,713	W	-	21,386	25,188	1,229	256,099
March 1993	W	W	231,517	W	W	17,481	24,808	1,377	248,998
April 1992	W	4,285	235,520	W	-	20,979	20,295	4,285	256,499
South Carolina									
April 1993	W	W	107,396	W	W	11,031	29,466	642	118,427
March 1993	W	683	104,384	W	-	11,178	28,171	683	115,562
April 1992	W	1,254	104,232	W	-	12,951	23,438	1,254	117,183
Virginia									
April 1993	W	W	207,607	W	W	21,020	30,295	1,385	228,627
March 1993	W	W	193,802	W	W	21,691	28,678	1,638	215,493
April 1992	W	W	200,798	W	W	18,561	32,058	2,486	219,359
West Virginia									
April 1993	W	W	23,666	W	W	5,431	16,359	1,394	29,097
March 1993	W	W	20,722	W	W	5,357	14,201	1,191	26,079
April 1992	W	W	24,650	W	W	5,217	17,387	1,392	29,867
PAD District II Total									
April 1993	436,408	21,061	1,571,907	174,248	1,592	567,416	610,656	22,653	2,139,323
March 1993	436,381	22,269	1,571,558	182,016	1,315	585,641	618,397	23,584	2,157,199
April 1992	432,623	21,903	1,568,359	174,150	1,377	631,744	606,773	23,280	2,200,103
Illinois									
April 1993	W	W	234,585	W	W	55,333	77,495	1,327	289,918
March 1993	W	1,338	241,626	W	-	49,186	78,790	1,338	290,812
April 1992	W	W	225,570	W	W	74,234	74,865	1,062	299,804
Indiana									
April 1993	W	W	130,858	W	W	28,477	50,096	735	159,335
March 1993	W	W	134,780	W	W	26,898	51,393	758	161,678
April 1992	W	W	129,980	W	W	35,701	48,771	1,263	165,681
Iowa									
April 1993	2,413	W	58,825	7,544	-	37,455	9,957	W	96,280
March 1993	2,390	W	54,445	7,869	-	37,584	10,259	W	92,029
April 1992	2,751	781	59,003	8,683	-	41,445	11,434	781	100,448
Kansas									
April 1993	8,213	W	32,995	10,394	W	75,793	18,607	584	109,788
March 1993	8,362	W	32,340	10,606	W	88,389	18,968	591	120,729
April 1992	8,002	W	37,177	10,458	W	68,599	18,460	568	105,776
Kentucky									
April 1993	24,509	2,167	109,905	3,388	-	5,890	27,897	2,167	115,795
March 1993	23,253	2,443	101,939	3,189	-	5,941	26,442	2,443	107,880
April 1992	21,146	2,377	99,436	3,337	-	8,011	24,483	2,377	107,447
Michigan									
April 1993	W	W	217,530	W	W	43,207	87,642	4,658	260,737
March 1993	W	W	222,618	W	W	39,790	91,095	5,004	262,408
April 1992	W	3,865	212,955	W	-	36,788	88,515	3,865	249,743
Minnesota									
April 1993	31,836	W	68,934	9,988	W	46,349	41,824	665	115,283
March 1993	32,160	W	70,625	10,131	W	45,995	42,291	660	116,620
April 1992	28,565	W	69,249	10,637	W	46,062	39,202	772	115,311
Missouri									
April 1993	20,544	W	101,248	17,859	W	42,360	38,403	1,311	143,608
March 1993	21,328	W	100,037	18,431	W	43,076	39,759	1,457	143,113
April 1992	23,315	W	102,113	17,391	W	52,301	40,706	883	154,414

See footnotes at end of table.

**Table 42. Refiner Total Motor Gasoline Volumes by Seller,
PAD District, and State (Continued)**
(Thousand Gallons)

Geographic Area Month	Major Refiners			Other Refiners			Total		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
Nebraska									
April 1993	W	W	28,093	W	W	26,342	6,050	266	54,435
March 1993	W	W	26,735	W	W	26,104	6,100	277	52,839
April 1992	W	130	28,011	W	-	28,367	6,887	130	56,378
North Dakota									
April 1993	W	W	14,090	W	-	14,436	508	W	28,526
March 1993	W	W	13,095	W	-	13,632	529	W	26,727
April 1992	W	W	13,233	W	-	13,067	518	W	26,300
Ohio									
April 1993	W	W	206,086	W	W	13,376	159,232	7,913	219,462
March 1993	W	W	204,761	W	W	14,872	160,529	7,988	219,633
April 1992	W	W	208,386	W	W	13,316	161,911	7,902	221,702
Oklahoma									
April 1993	17,057	W	70,447	7,387	W	92,234	24,444	1,495	162,681
March 1993	17,514	W	74,439	7,464	W	102,135	24,978	1,500	176,574
April 1992	17,915	W	94,627	7,568	W	118,582	25,483	2,123	213,209
South Dakota									
April 1993	W	W	15,461	W	W	13,711	659	48	29,172
March 1993	W	W	16,087	W	W	15,571	651	52	31,658
April 1992	W	W	15,138	W	W	16,423	637	25	31,561
Tennessee									
April 1993	27,888	749	184,008	15,508	204	27,397	43,396	953	211,405
March 1993	27,055	W	179,263	14,824	W	30,568	41,879	952	209,831
April 1992	23,432	W	178,387	15,477	W	33,404	38,908	1,211	211,791
Wisconsin									
April 1993	W	W	98,842	W	W	45,056	24,446	298	143,898
March 1993	W	W	98,768	W	W	45,900	24,728	290	144,668
April 1992	W	218	95,094	W	W	45,444	25,992	W	140,538
PAD District III Total									
April 1993	155,474	5,786	929,572	91,678	3,444	529,466	247,152	9,230	1,459,038
March 1993	156,617	5,940	974,400	104,760	4,287	597,077	261,377	10,227	1,571,477
April 1992	166,396	4,967	995,179	109,607	1,714	563,901	276,003	6,681	1,559,080
Alabama									
April 1993	10,990	W	120,879	3,206	W	29,523	14,196	1,022	150,402
March 1993	10,478	W	119,852	3,240	W	29,001	13,718	1,136	148,853
April 1992	8,128	W	117,117	3,408	W	29,459	11,536	1,028	146,576
Arkansas									
April 1993	W	W	65,787	W	W	47,897	10,350	W	113,684
March 1993	W	W	65,217	W	W	53,744	10,249	178	118,961
April 1992	W	W	62,244	W	W	39,871	11,844	184	102,115
Louisiana									
April 1993	19,614	1,022	125,489	3,976	40	54,671	23,590	1,062	180,160
March 1993	19,604	1,148	148,377	4,619	71	54,085	24,223	1,219	202,462
April 1992	21,866	870	108,994	5,479	104	40,657	27,345	974	149,651
Mississippi									
April 1993	W	190	76,185	W	209	31,964	4,020	399	108,149
March 1993	W	312	103,676	W	155	32,446	3,918	467	136,122
April 1992	W	331	85,923	W	95	42,774	4,721	426	128,697
New Mexico									
April 1993	2,945	467	30,568	6,560	115	23,076	9,505	582	53,644
March 1993	3,037	433	33,235	6,857	130	24,634	9,894	563	57,869
April 1992	2,982	W	30,192	6,585	W	24,181	9,567	289	54,373
Texas									
April 1993	117,132	2,999	510,664	68,359	W	342,335	185,491	W	852,999
March 1993	118,810	W	504,043	80,565	W	403,167	199,375	6,664	907,210
April 1992	127,462	2,440	590,709	83,528	1,340	386,959	210,990	3,780	977,668
PAD District IV Total									
April 1993	35,964	658	140,544	27,615	601	98,963	63,579	1,259	239,507
March 1993	37,419	745	136,944	29,716	707	94,833	67,135	1,452	231,777
April 1992	38,440	550	131,790	28,454	973	93,504	66,894	1,523	225,294

See footnotes at end of table.

**Table 42. Refiner Total Motor Gasoline Volumes by Seller,
PAD District, and State (Continued)**
(Thousand Gallons)

Geographic Area Month	Major Refiners			Other Refiners			Total		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
Colorado									
April 1993	24,655	W	46,627	24,876	W	41,514	49,531	W	88,141
March 1993	25,835	W	47,845	27,068	W	37,107	52,903	W	84,952
April 1992	25,530	W	41,287	25,698	W	33,494	51,228	396	74,781
Idaho									
April 1993	-	W	24,812	W	-	15,229	W	W	40,041
March 1993	-	W	24,840	W	-	14,034	W	W	38,874
April 1992	W	W	24,667	W	-	15,069	487	W	39,736
Montana									
April 1993	-	W	21,568	W	W	14,077	W	189	35,645
March 1993	-	W	20,430	W	W	13,426	W	190	33,856
April 1992	W	W	19,530	W	154	14,605	W	W	34,135
Utah									
April 1993	W	W	38,283	W	W	19,451	11,586	590	57,734
March 1993	W	W	34,537	W	W	19,607	11,823	703	54,144
April 1992	W	W	39,091	W	W	20,048	10,733	619	59,139
Wyoming									
April 1993	W	W	9,254	W	W	8,692	1,776	107	17,946
March 1993	W	W	9,292	W	W	10,659	1,744	171	19,951
April 1992	W	W	7,215	1,168	W	10,288	W	232	17,503
PAD District V Total									
April 1993	221,890	9,698	1,200,317	78,451	3,096	212,402	300,341	12,794	1,412,719
March 1993	243,098	10,382	1,211,219	78,468	2,774	222,239	321,566	13,156	1,433,458
April 1992	214,127	12,668	1,250,149	75,931	5,013	228,809	290,058	17,681	1,478,958
Alaska									
April 1993	W	W	W	W	W	W	6,051	1,614	9,733
March 1993	W	W	W	W	W	W	6,000	1,008	10,243
April 1992	W	W	W	W	W	W	4,989	928	11,452
Arizona									
April 1993	W	697	81,115	W	237	13,302	34,497	934	94,417
March 1993	W	W	85,180	W	W	10,418	38,813	1,051	95,598
April 1992	W	W	85,175	W	W	13,341	33,794	1,920	98,516
California									
April 1993	137,373	W	805,109	57,950	W	153,913	195,323	6,182	959,022
March 1993	147,866	6,449	817,672	58,212	273	162,205	206,078	6,722	979,877
April 1992	131,386	8,997	855,890	55,834	1,418	176,002	187,220	10,415	1,031,892
Hawaii									
April 1993	W	W	W	W	W	W	5,588	W	21,072
March 1993	W	W	W	W	W	W	5,680	W	22,211
April 1992	W	W	W	W	W	W	5,398	3,045	23,228
Nevada									
April 1993	W	W	58,092	W	W	9,452	4,197	468	67,544
March 1993	W	419	48,288	W	W	11,297	4,849	W	59,585
April 1992	W	W	47,262	W	W	8,447	4,233	374	55,709
Oregon									
April 1993	W	285	84,599	W	W	13,016	13,037	W	97,615
March 1993	W	W	84,364	W	W	14,982	13,641	527	99,346
April 1992	W	W	89,574	W	W	8,458	12,891	306	98,032
Washington									
April 1993	W	441	145,943	W	-	17,373	41,648	441	163,316
March 1993	W	433	149,133	W	-	17,465	46,505	433	166,598
April 1992	W	W	145,483	W	W	14,646	41,533	693	160,129

Dashes (-) = No data reported.

W = Withheld to avoid disclosure of individual company data.

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

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

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

Geographic Area Month	Leaded Regular		Unleaded Regular		Unleaded Midgrade		Premium	
	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
U.S. Total								
April 1993	16,789	98,656	1,141,646	5,563,290	273,708	843,597	312,303	1,561,586
March 1993	18,943	95,750	1,152,769	5,650,993	278,298	843,207	336,640	1,563,936
April 1992	22,836	131,673	1,139,046	5,595,962	268,825	830,146	329,864	1,622,540
PAD District I Total								
April 1993	W	W	285,873	1,705,701	W	W	105,194	724,131
March 1993	W	W	280,635	1,662,933	W	W	104,304	711,337
April 1992	234	W	282,238	1,599,349	83,147	W	106,059	729,206
Subdistrict IA Total								
April 1993	-	-	14,618	243,827	4,050	43,163	5,567	82,192
March 1993	-	-	12,628	212,132	3,866	44,622	5,003	82,170
April 1992	-	-	13,566	204,611	4,006	42,496	5,994	84,214
Connecticut								
April 1993	-	-	W	51,262	921	14,271	1,375	24,753
March 1993	-	-	W	51,842	861	15,017	1,136	27,551
April 1992	-	-	2,452	52,148	782	15,111	W	25,850
Maine								
April 1993	-	-	267	27,668	W	3,793	W	6,659
March 1993	-	-	147	24,789	W	3,950	W	7,157
April 1992	-	-	W	23,678	W	3,796	W	6,119
Massachusetts								
April 1993	-	-	8,107	131,249	2,083	17,848	2,869	37,807
March 1993	-	-	7,006	100,020	2,039	18,048	2,639	34,801
April 1992	-	-	7,295	92,780	2,126	16,561	3,167	37,444
New Hampshire								
April 1993	-	-	1,846	9,902	W	W	687	W
March 1993	-	-	1,824	10,622	W	2,724	644	3,304
April 1992	-	-	1,957	11,155	W	2,398	711	3,629
Rhode Island								
April 1993	-	-	1,452	21,245	533	4,351	W	8,945
March 1993	-	-	1,364	21,910	492	4,211	W	8,243
April 1992	-	-	1,511	21,488	559	3,972	701	9,855
Vermont								
April 1993	-	-	W	2,501	-	W	-	W
March 1993	-	-	W	2,949	-	672	-	1,114
April 1992	-	-	W	3,362	-	658	-	1,317
Subdistrict IB Total								
April 1993	W	W	103,048	687,375	W	W	35,137	338,272
March 1993	W	W	98,523	684,693	W	W	33,624	325,966
April 1992	W	W	105,710	647,750	W	W	36,381	347,679
Delaware								
April 1993	-	-	676	15,872	243	5,156	W	5,322
March 1993	-	-	621	15,581	217	5,098	W	4,953
April 1992	-	-	602	15,008	W	5,310	W	5,930
District of Columbia								
April 1993	-	-	W	4,175	W	2,611	W	6,207
March 1993	-	-	W	4,037	W	2,527	W	5,880
April 1992	-	-	212	4,017	W	2,426	W	6,234
Maryland								
April 1993	-	-	815	88,346	138	30,232	133	44,273
March 1993	-	-	971	87,953	122	29,463	138	45,691
April 1992	W	-	1,056	77,187	262	30,982	319	45,049
New Jersey								
April 1993	-	-	20,468	166,201	5,546	29,516	10,532	99,686
March 1993	-	-	19,218	189,097	5,285	28,988	9,728	94,221
April 1992	W	-	18,031	167,844	W	30,698	10,070	104,712
New York								
April 1993	W	W	39,238	211,030	7,898	W	11,850	98,042
March 1993	W	W	38,873	186,506	7,876	W	11,523	99,844
April 1992	68	W	40,804	176,033	8,136	W	12,472	100,709
Pennsylvania								
April 1993	W	W	W	201,751	11,739	W	12,380	84,742
March 1993	W	-	W	201,519	11,237	37,878	12,034	75,377
April 1992	W	W	45,005	207,661	W	W	13,215	85,045
Subdistrict IC Total								
April 1993	W	-	168,207	774,499	W	202,444	64,490	303,667
March 1993	W	-	169,484	766,108	W	203,800	65,677	303,201
April 1992	W	W	162,962	746,988	W	W	63,684	297,313

See footnotes at end of table.

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

Geographic Area Month	Leaded Regular		Unleaded Regular		Unleaded Midgrade		Premium	
	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
Florida								
April 1993	-	-	69,028	226,671	26,228	69,512	35,321	114,602
March 1993	-	-	74,584	240,649	27,488	71,613	37,435	119,181
April 1992	-	-	68,216	208,384	25,243	65,112	36,208	111,337
Georgia								
April 1993	-	-	31,415	148,567	10,171	35,682	10,627	53,326
March 1993	-	-	30,666	146,158	9,915	36,471	10,495	52,905
April 1992	-	-	28,322	148,485	8,623	36,273	9,687	53,071
North Carolina								
April 1993	-	-	17,395	167,499	4,752	36,767	4,270	51,833
March 1993	-	-	17,454	160,324	4,622	37,760	4,109	50,914
April 1992	-	-	17,162	165,612	3,818	39,237	3,600	51,650
South Carolina								
April 1993	-	-	19,942	79,100	5,335	17,129	4,831	22,198
March 1993	-	-	19,101	76,592	5,163	16,847	4,590	22,123
April 1992	-	-	17,303	78,094	3,868	17,345	3,521	21,744
Virginia								
April 1993	-	-	18,464	133,769	6,348	38,541	6,868	56,317
March 1993	-	-	17,498	125,338	6,146	36,958	6,672	53,197
April 1992	-	-	19,473	126,977	7,270	38,639	7,801	53,743
West Virginia								
April 1993	W	-	11,963	18,893	W	4,813	2,573	5,391
March 1993	W	-	10,181	17,047	W	4,151	2,376	4,881
April 1992	W	W	12,486	19,436	W	W	2,867	5,768
PAD District II Total								
April 1993	W	W	447,113	1,660,485	W	W	90,725	299,325
March 1993	W	W	432,961	1,668,352	W	W	111,586	309,306
April 1992	919	W	443,562	1,702,923	95,216	W	90,356	312,269
Illinois								
April 1993	-	W	52,931	211,015	12,489	W	13,402	48,771
March 1993	-	W	51,006	207,816	12,824	W	16,298	51,085
April 1992	-	W	50,820	212,766	12,134	W	12,973	55,842
Indiana								
April 1993	W	W	35,666	113,808	7,585	W	W	25,337
March 1993	W	W	33,150	118,792	W	W	11,450	25,346
April 1992	W	W	35,754	120,290	7,324	W	W	23,696
Iowa								
April 1993	W	-	8,469	88,889	739	774	873	6,617
March 1993	W	-	8,556	84,962	960	697	915	6,370
April 1992	W	-	9,829	91,323	W	1,722	1,601	7,403
Kansas								
April 1993	-	W	15,445	98,583	1,553	W	2,193	8,309
March 1993	-	W	15,650	108,990	1,606	W	2,303	9,605
April 1992	W	1,226	14,792	91,920	W	2,690	2,490	9,940
Kentucky								
April 1993	W	56	19,851	76,231	W	18,213	5,213	21,295
March 1993	W	W	18,840	71,471	W	W	5,294	20,957
April 1992	W	W	18,173	71,176	W	W	4,557	19,262
Michigan								
April 1993	-	838	69,325	196,728	11,295	24,174	11,680	38,997
March 1993	W	672	68,691	195,462	W	24,671	15,482	41,603
April 1992	W	1,278	68,863	185,655	W	23,334	11,743	39,476
Minnesota								
April 1993	W	-	32,933	100,796	5,050	6,027	W	8,460
March 1993	W	-	33,135	100,970	5,318	6,277	W	9,373
April 1992	W	W	30,693	100,551	W	W	4,622	8,952
Missouri								
April 1993	-	W	27,951	112,300	5,567	W	6,196	22,012
March 1993	-	-	26,999	111,481	5,672	9,231	8,545	22,401
April 1992	W	W	28,720	120,042	W	W	6,656	23,605
Nebraska								
April 1993	W	W	5,371	51,492	448	W	W	2,780
March 1993	W	W	5,409	49,943	470	W	W	2,690
April 1992	W	W	4,556	52,418	1,526	W	W	2,775
North Dakota								
April 1993	W	W	459	25,836	W	W	66	1,185
March 1993	W	W	485	24,190	38	W	61	1,199
April 1992	W	W	421	23,014	40	W	69	1,295

See footnotes at end of table.

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

Geographic Area Month	Leaded Regular		Unleaded Regular		Unleaded Midgrade		Premium	
	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
Ohio								
April 1993	W	W	114,317	164,987	29,968	W	W	32,893
March 1993	W	W	107,315	161,959	30,673	W	W	34,730
April 1992	W	W	117,044	166,519	31,126	W	W	34,216
Oklahoma								
April 1993	-	60	18,315	142,646	3,689	2,989	3,935	16,986
March 1993	-	56	18,625	156,596	3,795	3,052	4,058	16,870
April 1992	19	1,842	19,043	185,613	3,891	3,118	4,653	22,636
South Dakota								
April 1993	-	W	674	27,076	W	W	W	1,656
March 1993	-	W	674	29,281	W	W	W	1,783
April 1992	-	W	633	29,045	W	W	W	1,653
Tennessee								
April 1993	-	-	26,309	132,123	9,163	33,018	8,877	46,264
March 1993	-	-	25,235	128,898	8,894	34,275	8,702	46,658
April 1992	-	-	24,123	136,190	7,810	31,708	8,187	43,893
Wisconsin								
April 1993	-	-	19,097	117,975	2,646	8,160	3,001	17,763
March 1993	-	-	19,191	117,541	2,736	8,491	3,091	18,636
April 1992	-	-	20,098	116,401	W	6,512	3,392	17,625
PAD District III Total								
April 1993	1,208	10,130	153,390	1,063,749	48,605	151,189	53,179	233,970
March 1993	1,311	10,210	163,584	1,171,802	50,889	147,435	55,820	242,030
April 1992	1,697	13,767	167,968	1,173,601	53,207	137,558	59,812	234,154
Alabama								
April 1993	-	-	9,044	98,627	3,035	20,254	3,139	31,521
March 1993	-	-	8,834	97,386	2,938	20,505	3,082	30,962
April 1992	-	-	7,676	96,663	2,380	19,795	2,508	30,118
Arkansas								
April 1993	-	W	7,266	83,875	W	W	1,309	19,017
March 1993	-	W	7,202	87,759	1,901	W	1,324	20,246
April 1992	-	-	8,118	74,336	2,295	10,253	1,615	17,526
Louisiana								
April 1993	-	-	13,374	122,360	5,191	24,161	6,087	33,639
March 1993	-	-	13,901	145,768	5,342	22,474	6,199	34,220
April 1992	-	-	15,544	95,052	5,700	20,403	7,075	34,196
Mississippi								
April 1993	-	-	2,892	74,497	770	12,112	757	21,540
March 1993	-	-	2,851	97,473	800	12,523	734	26,126
April 1992	-	-	3,526	98,765	W	11,209	W	18,723
New Mexico								
April 1993	W	6,183	7,644	41,174	W	1,449	1,031	4,838
March 1993	W	6,522	7,872	44,594	W	1,528	1,087	5,225
April 1992	1,124	8,450	7,137	39,911	W	821	W	5,191
Texas								
April 1993	W	W	113,170	643,216	37,301	W	40,856	123,415
March 1993	W	W	122,924	698,822	W	W	43,394	125,251
April 1992	573	5,317	125,967	768,874	41,612	75,077	46,618	128,400
PAD District IV Total								
April 1993	1,462	25,257	43,409	171,056	9,473	7,743	10,494	35,451
March 1993	1,996	23,273	45,760	166,819	9,728	7,351	11,103	34,334
April 1992	3,763	33,873	43,768	152,915	8,258	6,514	12,628	31,992
Colorado								
April 1993	W	2,710	34,397	66,958	7,593	5,809	7,009	12,664
March 1993	W	W	36,484	64,357	7,830	W	7,552	11,641
April 1992	W	5,935	33,653	52,510	W	4,972	8,956	11,364
Idaho								
April 1993	W	8,019	333	27,689	-	W	35	W
March 1993	66	W	305	27,003	-	-	W	W
April 1992	98	9,607	442	26,491	-	-	W	3,638
Montana								
April 1993	W	6,314	466	24,467	-	-	W	4,864
March 1993	W	5,560	438	23,362	-	-	53	4,934
April 1992	439	7,597	1,793	21,912	-	-	W	4,626

See footnotes at end of table.

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

Geographic Area Month	Leaded Regular		Unleaded Regular		Unleaded Midgrade		Premium	
	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
Utah								
April 1993	W	5,569	6,854	39,138	1,880	W	W	W
March 1993	W	W	7,160	36,799	W	W	3,111	10,816
April 1992	W	8,191	6,411	39,310	W	W	2,750	W
Wyoming								
April 1993	180	2,645	1,359	12,804	-	-	344	2,497
March 1993	173	W	1,373	15,298	W	-	W	W
April 1992	W	2,543	1,469	12,692	-	W	407	W
PAD District V Total								
April 1993	13,825	58,417	211,861	962,299	34,738	123,294	52,711	268,709
March 1993	15,359	58,802	229,829	981,087	35,707	126,640	53,827	266,929
April 1992	16,223	74,226	201,510	967,174	28,997	122,639	61,009	314,919
Alaska								
April 1993	342	432	6,094	8,332	-	-	1,229	969
March 1993	W	458	5,901	8,700	-	-	W	1,085
April 1992	433	737	4,637	9,544	-	-	847	1,171
Arizona								
April 1993	4,337	13,702	25,279	66,848	198	540	5,617	13,327
March 1993	4,980	13,563	28,931	68,611	178	457	5,775	12,967
April 1992	4,968	17,314	24,681	65,606	167	385	5,898	15,211
California								
April 1993	W	W	133,642	647,935	W	W	35,044	195,854
March 1993	W	W	143,332	667,961	W	W	35,825	194,042
April 1992	W	24	127,818	671,771	27,156	116,404	W	243,693
Hawaii								
April 1993	-	-	5,008	11,413	W	2,356	2,314	7,303
March 1993	-	-	5,334	12,216	W	2,323	2,303	7,672
April 1992	-	-	5,090	13,431	1,039	2,114	2,314	7,683
Nevada								
April 1993	-	135	3,438	50,550	637	5,144	590	11,715
March 1993	-	109	3,928	44,574	727	5,347	W	9,555
April 1992	W	1,308	3,309	41,465	W	3,709	640	9,227
Oregon								
April 1993	2,066	17,230	9,587	69,270	W	-	1,726	11,115
March 1993	2,171	W	10,090	68,044	W	W	W	12,514
April 1992	2,557	22,270	8,808	63,632	W	W	W	W
Washington								
April 1993	W	W	28,813	107,951	W	W	6,191	28,426
March 1993	7,875	W	32,313	110,981	W	W	W	29,094
April 1992	8,217	32,573	27,167	101,725	-	W	6,842	W

Dashes (-) = No data reported.

W = Withheld to avoid disclosure of individual company data.

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

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

**Table 44. Refiner Volumes of Aviation Fuels and Propane
by PAD District and State**
(Thousand Gallons)

Geographic Area Month	Aviation Gasoline		Kerosene-Type Jet Fuel		Propane (Consumer Grade)	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
U.S. Total						
April 1993	6,581	18,105	1,222,001	222,695	91,748	649,251
March 1993	5,956	18,417	1,263,273	266,313	136,480	938,326
April 1992	6,603	19,117	1,178,956	230,397	74,712	653,668
PAD District I Total						
April 1993	2,921	3,424	354,725	34,729	W	86,739
March 1993	2,541	2,927	371,080	36,538	W	169,099
April 1992	3,202	3,810	337,334	27,963	W	101,917
Subdistrict IA Total						
April 1993	W	W	30,671	2,358	W	4,837
March 1993	W	W	30,738	3,076	W	12,803
April 1992	W	W	35,009	1,205	W	6,258
Connecticut						
April 1993	W	W	6,688	257	W	982
March 1993	W	W	6,912	W	W	3,307
April 1992	W	W	6,996	234	277	2,033
Maine						
April 1993	W	-	W	W	W	W
March 1993	W	-	W	W	W	W
April 1992	W	-	2,841	W	W	83
Massachusetts						
April 1993	W	W	20,042	1,962	W	1,945
March 1993	W	W	19,032	2,626	W	5,211
April 1992	W	W	22,763	890	W	2,158
New Hampshire						
April 1993	W	W	528	W	W	1,183
March 1993	W	W	834	W	W	1,779
April 1992	W	W	W	W	W	1,175
Rhode Island						
April 1993	W	W	1,091	W	-	W
March 1993	W	W	1,458	W	-	W
April 1992	W	W	1,470	W	-	184
Vermont						
April 1993	W	W	W	-	W	313
March 1993	W	W	W	W	W	1,611
April 1992	W	W	W	-	W	625
Subdistrict IB Total						
April 1993	W	W	165,879	19,811	W	31,524
March 1993	W	W	182,673	21,651	W	48,234
April 1992	W	W	155,294	17,603	W	44,718
Delaware						
April 1993	W	-	81	W	-	W
March 1993	W	W	73	W	-	W
April 1992	W	-	90	W	-	W
District of Columbia						
April 1993	-	-	-	-	-	-
March 1993	W	-	-	-	-	-
April 1992	-	-	-	-	-	-
Maryland						
April 1993	W	W	7,147	W	W	W
March 1993	W	W	6,849	W	W	W
April 1992	W	W	6,562	W	W	W
New Jersey						
April 1993	W	W	120,029	10,725	W	5,235
March 1993	W	W	138,005	12,071	616	8,133
April 1992	183	W	115,107	12,450	320	6,052
New York						
April 1993	W	127	9,505	3,194	W	6,398
March 1993	W	99	8,526	3,631	W	10,806
April 1992	W	107	8,106	1,511	W	7,834
Pennsylvania						
April 1993	W	96	29,117	5,571	W	18,250
March 1993	W	64	29,220	5,618	W	22,303
April 1992	W	W	25,429	3,303	W	21,182
Subdistrict IC Total						
April 1993	1,959	2,747	158,175	12,560	11,617	50,378
March 1993	1,757	2,388	157,669	11,811	W	108,062
April 1992	2,257	2,885	147,031	9,155	11,075	50,941

See footnotes at end of table.

**Table 44. Refiner Volumes of Aviation Fuels and Propane
by PAD District and State (Continued)**
(Thousand Gallons)

Geographic Area Month	Aviation Gasoline		Kerosene-Type Jet Fuel		Propane (Consumer Grade)	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Florida						
April 1993	1,198	1,399	73,153	6,730	W	15,222
March 1993	1,144	1,316	79,570	6,831	W	20,920
April 1992	1,610	1,320	70,232	5,336	W	14,039
Georgia						
April 1993	179	551	43,071	2,012	W	8,534
March 1993	138	435	36,076	1,665	W	20,452
April 1992	188	590	33,437	1,256	W	9,174
North Carolina						
April 1993	173	W	9,896	1,070	3,246	11,022
March 1993	129	W	9,367	883	W	31,225
April 1992	101	W	7,338	642	2,934	14,059
South Carolina						
April 1993	W	203	1,999	W	W	7,388
March 1993	W	370	W	W	W	19,728
April 1992	W	228	2,270	W	W	8,045
Virginia						
April 1993	152	W	29,667	2,240	NA	W
March 1993	139	W	30,182	2,030	1,762	13,582
April 1992	W	201	33,292	1,524	941	5,096
West Virginia						
April 1993	W	W	389	W	W	W
March 1993	W	W	W	W	W	2,155
April 1992	W	W	462	W	W	528
PAD District II Total						
April 1993	1,375	4,731	237,223	40,903	30,954	200,588
March 1993	1,370	4,454	242,562	25,153	56,009	298,403
April 1992	1,218	5,074	211,564	22,141	32,132	198,727
Illinois						
April 1993	W	W	37,963	3,251	4,415	26,373
March 1993	W	W	38,339	2,946	8,568	36,874
April 1992	W	W	27,523	2,603	3,989	20,844
Indiana						
April 1993	58	678	44,789	8,421	2,382	7,149
March 1993	36	656	46,906	2,067	5,048	14,563
April 1992	W	637	39,758	2,298	2,647	8,395
Iowa						
April 1993	W	251	1,366	610	W	6,956
March 1993	W	220	W	686	W	11,430
April 1992	W	310	W	939	W	8,307
Kansas						
April 1993	W	402	9,240	560	W	60,041
March 1993	W	384	11,153	W	W	83,892
April 1992	W	W	7,208	W	W	59,513
Kentucky						
April 1993	W	125	12,106	1,591	W	7,985
March 1993	W	105	12,471	1,498	W	14,454
April 1992	W	150	21,140	377	2,426	9,136
Michigan						
April 1993	W	W	25,886	1,163	9,841	10,027
March 1993	W	W	27,575	1,431	15,821	11,222
April 1992	W	W	24,831	1,511	10,843	8,496
Minnesota						
April 1993	W	462	27,600	W	W	12,694
March 1993	W	434	26,654	2,713	W	13,835
April 1992	W	446	10,265	2,407	W	14,483
Missouri						
April 1993	W	348	9,219	2,474	W	17,274
March 1993	W	391	9,996	2,535	W	29,122
April 1992	W	348	8,102	1,724	705	12,446
Nebraska						
April 1993	W	172	1,820	474	-	4,173
March 1993	W	180	1,953	537	-	7,785
April 1992	W	192	1,287	499	W	3,369
North Dakota						
April 1993	77	W	473	179	W	3,971
March 1993	29	W	584	197	W	6,174
April 1992	W	W	555	W	W	5,365

See footnotes at end of table.

**Table 44. Refiner Volumes of Aviation Fuels and Propane
by PAD District and State (Continued)**
(Thousand Gallons)

Geographic Area Month	Aviation Gasoline		Kerosene-Type Jet Fuel		Propane (Consumer Grade)	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Ohio						
April 1993	W	313	26,282	3,003	2,466	12,505
March 1993	W	221	25,306	3,616	5,226	20,231
April 1992	W	331	25,395	2,580	2,709	15,550
Oklahoma						
April 1993	W	315	17,380	3,606	W	12,971
March 1993	W	409	20,985	4,014	269	20,141
April 1992	40	628	29,438	5,028	W	14,438
South Dakota						
April 1993	W	W	317	W	W	1,879
March 1993	W	179	W	W	W	3,579
April 1992	W	W	W	W	W	1,986
Tennessee						
April 1993	163	382	18,453	1,055	W	3,251
March 1993	174	394	15,221	1,439	W	6,579
April 1992	W	379	11,481	928	W	4,774
Wisconsin						
April 1993	W	396	4,329	765	3,608	13,339
March 1993	-	322	3,604	776	5,602	18,522
April 1992	-	385	3,115	620	3,085	11,625
PAD District III Total						
April 1993	632	4,068	268,508	88,345	30,713	297,432
March 1993	539	3,839	274,333	136,633	35,466	387,785
April 1992	640	3,761	262,942	111,890	12,614	282,124
Alabama						
April 1993	109	339	3,574	596	1,012	7,324
March 1993	114	287	3,432	565	2,425	18,751
April 1992	140	264	2,983	529	970	7,335
Arkansas						
April 1993	W	W	380	805	W	3,766
March 1993	W	W	449	907	W	9,652
April 1992	W	W	1,414	644	W	2,935
Louisiana						
April 1993	W	124	66,209	16,494	9,441	20,702
March 1993	W	175	55,974	16,081	9,632	31,187
April 1992	134	199	62,383	18,356	W	27,692
Mississippi						
April 1993	83	165	4,542	3,364	W	10,200
March 1993	W	125	16,158	2,823	W	25,794
April 1992	87	227	19,325	14,292	W	14,571
New Mexico						
April 1993	W	W	3,649	795	5,671	14,285
March 1993	W	W	3,864	1,137	6,500	14,938
April 1992	W	W	3,053	489	4,878	9,118
Texas						
April 1993	217	2,823	190,154	66,291	11,766	241,155
March 1993	175	2,750	194,461	115,120	11,831	287,463
April 1992	193	2,453	173,784	77,580	3,660	220,473
PAD District IV Total						
April 1993	369	1,072	38,308	3,143	W	22,185
March 1993	197	991	41,911	3,817	W	27,937
April 1992	327	1,175	35,492	3,026	W	20,205
Colorado						
April 1993	W	405	19,872	1,972	69	7,611
March 1993	W	438	24,699	2,625	72	9,689
April 1992	W	553	19,559	2,175	38	5,439
Idaho						
April 1993	W	48	1,112	314	W	84
March 1993	W	W	1,073	145	W	118
April 1992	W	W	916	219	W	W
Montana						
April 1993	W	W	1,564	W	W	5,475
March 1993	W	W	1,947	W	W	5,570
April 1992	W	W	1,069	W	W	4,536

See footnotes at end of table.

**Table 44. Refiner Volumes of Aviation Fuels and Propane
by PAD District and State (Continued)**
(Thousand Gallons)

Geographic Area Month	Aviation Gasoline		Kerosene-Type Jet Fuel		Propane (Consumer Grade)	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Utah						
April 1993	48	455	15,557	550	W	2,322
March 1993	W	383	13,968	766	W	3,051
April 1992	W	440	13,878	429	W	W
Wyoming						
April 1993	W	W	203	W	455	6,693
March 1993	24	W	224	W	880	9,509
April 1992	W	W	70	W	288	7,302
PAD District V Total						
April 1993	1,284	4,810	323,237	55,575	10,228	42,307
March 1993	1,309	6,206	333,382	64,172	12,075	55,102
April 1992	1,216	5,297	331,624	65,378	10,706	50,695
Alaska						
April 1993	W	357	34,973	6,522	W	W
March 1993	W	W	31,314	787	W	W
April 1992	W	W	35,055	3,499	W	W
Arizona						
April 1993	W	407	16,517	3,695	W	333
March 1993	241	438	16,294	2,490	W	847
April 1992	W	W	19,435	1,649	W	1,481
California						
April 1993	690	2,758	189,387	38,649	W	27,737
March 1993	718	3,780	197,483	47,415	W	37,265
April 1992	668	2,736	178,897	44,211	W	34,556
Hawaii						
April 1993	W	W	25,894	W	W	W
March 1993	W	W	25,685	322	W	W
April 1992	W	W	29,709	W	W	W
Nevada						
April 1993	W	W	11,632	3,131	W	1,048
March 1993	W	W	13,271	3,675	W	1,551
April 1992	W	W	12,506	1,552	W	336
Oregon						
April 1993	W	521	10,266	W	W	355
March 1993	W	424	10,799	1,511	W	272
April 1992	W	388	10,271	W	W	91
Washington						
April 1993	W	W	34,568	2,229	W	10,843
March 1993	W	568	38,536	7,972	W	12,739
April 1992	W	987	45,751	13,624	W	12,373

Dashes (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

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

Note: 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.

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

**Table 45. Refiner Volumes of Kerosene and Distillates
by PAD District and State**
(Thousand Gallons)

Geographic Area Month	Kerosene		No. 1 Distillate		No. 2 Distillate	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
U.S. Total						
April 1993	3,743	39,820	8,892	26,535	726,878	2,960,216
March 1993	7,303	102,696	18,237	76,598	760,148	3,320,459
April 1992	3,560	36,870	8,604	25,049	764,731	3,042,487
PAD District I Total						
April 1993	2,487	18,078	994	4,245	226,214	899,067
March 1993	5,115	67,862	2,668	13,785	254,646	1,237,104
April 1992	2,480	21,560	888	3,375	228,604	966,346
Subdistrict IA Total						
April 1993	242	1,919	299	687	14,508	108,543
March 1993	988	6,534	665	3,982	15,369	146,549
April 1992	W	2,506	149	W	13,875	125,108
Connecticut						
April 1993	W	623	W	W	2,565	31,754
March 1993	W	W	132	264	2,527	53,173
April 1992	W	818	-	W	2,204	39,673
Maine						
April 1993	W	846	W	233	1,239	15,199
March 1993	W	3,583	W	1,585	851	16,411
April 1992	W	949	W	W	894	14,551
Massachusetts						
April 1993	W	277	W	136	8,423	33,385
March 1993	W	991	W	W	9,627	49,545
April 1992	W	419	W	W	8,768	45,972
New Hampshire						
April 1993	-	W	W	W	532	W
March 1993	W	116	W	W	490	4,615
April 1992	W	W	W	W	608	5,605
Rhode Island						
April 1993	-	W	W	W	1,261	22,532
March 1993	-	97	273	W	1,207	19,967
April 1992	-	W	W	W	952	15,304
Vermont						
April 1993	-	W	-	W	488	W
March 1993	-	W	-	W	667	2,838
April 1992	-	204	-	W	449	4,003
Subdistrict IB Total						
April 1993	1,884	8,236	189	2,540	76,684	469,894
March 1993	2,960	28,842	1,177	7,163	98,161	730,208
April 1992	1,912	10,350	386	W	76,671	511,678
Delaware						
April 1993	-	W	-	W	1,228	14,693
March 1993	-	W	W	W	W	20,956
April 1992	-	W	-	W	W	W
District of Columbia						
April 1993	-	W	-	-	90	3,131
March 1993	-	W	-	-	W	5,929
April 1992	-	W	-	-	W	W
Maryland						
April 1993	W	921	W	W	8,712	28,074
March 1993	80	2,961	143	108	12,192	40,456
April 1992	W	1,107	44	26	10,607	27,293
New Jersey						
April 1993	W	1,771	W	W	15,307	159,729
March 1993	322	5,235	310	1,128	19,924	269,940
April 1992	W	1,167	21	444	15,016	210,749
New York						
April 1993	1,463	2,388	W	708	21,301	120,534
March 1993	2,022	7,846	W	3,108	25,720	205,906
April 1992	1,358	3,682	206	486	19,726	109,997
Pennsylvania						
April 1993	167	3,076	NA	696	30,046	143,733
March 1993	536	12,712	658	2,725	37,089	187,021
April 1992	195	4,363	115	407	27,837	142,672
Subdistrict IC Total						
April 1993	361	7,923	506	1,018	135,022	320,629
March 1993	1,167	32,486	826	2,640	141,116	360,347
April 1992	W	8,704	353	1,395	138,058	329,560

See footnotes at end of table.

**Table 45. Refiner Volumes of Kerosene and Distillates
by PAD District and State (Continued)**
(Thousand Gallons)

Geographic Area Month	Kerosene		No. 1 Distillate		No. 2 Distillate	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Florida						
April 1993	11	443	W	W	43,431	80,039
March 1993	168	1,874	W	W	46,214	88,853
April 1992	14	552	W	W	42,605	88,550
Georgia						
April 1993	69	478	W	W	27,925	65,258
March 1993	264	2,303	W	W	30,625	57,953
April 1992	58	513	W	W	27,473	57,894
North Carolina						
April 1993	105	3,127	W	W	20,843	65,966
March 1993	217	14,359	109	573	21,429	76,438
April 1992	96	3,838	36	589	22,972	65,184
South Carolina						
April 1993	77	1,287	-	-	11,837	27,554
March 1993	222	5,442	W	-	12,146	30,572
April 1992	62	1,467	W	-	13,363	27,870
Virginia						
April 1993	49	2,327	166	420	17,692	66,708
March 1993	177	7,350	252	1,630	17,478	91,176
April 1992	40	1,981	23	615	19,438	73,743
West Virginia						
April 1993	50	261	W	38	13,294	15,104
March 1993	119	1,158	161	153	13,224	15,355
April 1992	W	353	48	41	12,207	16,319
PAD District II Total						
April 1993	1,072	5,950	4,849	13,521	254,239	837,676
March 1993	1,778	19,386	9,706	40,809	256,810	806,165
April 1992	754	5,819	5,270	13,912	258,383	811,260
Illinois						
April 1993	120	837	W	697	21,587	89,019
March 1993	170	1,385	W	4,316	19,927	85,979
April 1992	52	W	W	746	22,239	108,500
Indiana						
April 1993	W	494	W	516	33,034	73,561
March 1993	W	1,928	580	3,319	34,305	70,497
April 1992	66	459	45	582	35,734	64,581
Iowa						
April 1993	-	19	W	476	9,416	50,111
March 1993	-	61	W	2,440	10,245	43,227
April 1992	-	42	W	371	7,435	52,686
Kansas						
April 1993	-	36	-	504	13,644	61,943
March 1993	-	94	92	2,285	12,582	52,775
April 1992	-	W	W	496	11,667	54,267
Kentucky						
April 1993	78	631	301	240	22,990	44,681
March 1993	154	2,461	671	1,310	22,859	45,740
April 1992	93	643	W	317	22,479	41,248
Michigan						
April 1993	91	1,103	W	3,709	17,013	61,032
March 1993	181	2,246	1,135	6,344	18,045	68,327
April 1992	97	1,074	W	4,623	17,395	57,116
Minnesota						
April 1993	W	66	817	1,600	9,403	58,438
March 1993	W	257	1,463	4,173	9,805	43,042
April 1992	W	92	752	1,164	10,326	54,562
Missouri						
April 1993	-	71	W	230	9,477	50,328
March 1993	-	310	442	1,077	10,895	48,127
April 1992	-	61	W	251	10,792	53,016
Nebraska						
April 1993	-	39	-	510	W	33,865
March 1993	-	W	W	1,657	W	24,470
April 1992	-	W	W	288	12,480	36,972
North Dakota						
April 1993	-	-	-	W	W	24,222
March 1993	W	W	128	1,004	W	18,006
April 1992	W	W	W	W	W	18,276

See footnotes at end of table.

**Table 45. Refiner Volumes of Kerosene and Distillates
by PAD District and State (Continued)**
(Thousand Gallons)

Geographic Area Month	Kerosene		No. 1 Distillate		No. 2 Distillate	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Ohio						
April 1993	642	1,365	48	580	55,734	74,157
March 1993	910	6,912	436	2,145	56,849	88,081
April 1992	392	2,219	64	823	53,574	67,923
Oklahoma						
April 1993	W	22	-	W	11,457	73,712
March 1993	-	63	51	2,173	13,362	75,381
April 1992	W	25	W	W	15,946	57,932
South Dakota						
April 1993	-	W	W	461	306	18,022
March 1993	-	W	38	1,616	276	18,197
April 1992	-	W	W	463	W	21,095
Tennessee						
April 1993	55	625	W	295	28,863	62,024
March 1993	200	3,588	641	1,156	28,417	61,937
April 1992	41	960	W	359	27,260	65,861
Wisconsin						
April 1993	W	37	W	1,470	7,995	62,561
March 1993	W	W	316	5,794	7,405	62,379
April 1992	W	14	W	1,273	7,407	57,225
PAD District III Total						
April 1993	W	W	875	2,433	127,144	676,482
March 1993	W	14,512	1,048	3,163	127,735	704,080
April 1992	W	8,312	841	1,443	127,775	685,524
Alabama						
April 1993	W	236	W	W	14,010	42,438
March 1993	W	1,264	35	W	14,497	41,902
April 1992	W	237	W	W	15,599	41,471
Arkansas						
April 1993	-	112	W	W	10,268	44,223
March 1993	W	126	W	W	10,240	38,060
April 1992	W	111	-	-	11,157	47,223
Louisiana						
April 1993	W	W	-	W	15,304	111,271
March 1993	W	W	W	W	17,101	126,397
April 1992	W	1,112	-	W	17,651	128,977
Mississippi						
April 1993	-	W	W	W	6,569	104,816
March 1993	-	W	49	W	6,563	91,588
April 1992	-	W	W	-	7,919	69,574
New Mexico						
April 1993	-	50	W	66	8,468	20,138
March 1993	W	87	W	269	8,354	20,467
April 1992	-	W	W	77	7,186	20,670
Texas						
April 1993	W	219	W	671	72,525	353,596
March 1993	W	531	W	1,019	70,980	385,666
April 1992	W	470	W	601	68,263	377,609
PAD District IV Total						
April 1993	-	W	477	1,951	28,757	113,547
March 1993	-	138	1,624	9,319	27,481	100,750
April 1992	-	W	446	2,278	29,963	106,992
Colorado						
April 1993	-	W	W	889	7,844	34,377
March 1993	-	W	436	3,544	8,408	27,312
April 1992	-	W	W	1,032	8,657	29,708
Idaho						
April 1993	-	-	-	255	W	19,335
March 1993	-	W	W	1,026	W	17,269
April 1992	-	-	-	287	W	17,568
Montana						
April 1993	-	-	W	376	W	18,702
March 1993	-	-	W	1,490	W	16,657
April 1992	-	-	W	344	W	16,708

See footnotes at end of table.

**Table 45. Refiner Volumes of Kerosene and Distillates
by PAD District and State (Continued)**
(Thousand Gallons)

Geographic Area Month	Kerosene		No. 1 Distillate		No. 2 Distillate	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Utah						
April 1993	-	W	W	196	7,369	23,898
March 1993	-	W	528	1,415	6,866	21,395
April 1992	-	W	W	417	8,193	24,338
Wyoming						
April 1993	-	-	66	235	8,500	17,235
March 1993	-	W	504	1,844	6,949	18,117
April 1992	-	-	37	198	6,948	18,670
PAD District V Total						
April 1993	W	239	1,697	4,385	90,524	433,444
March 1993	W	798	3,191	9,522	93,476	472,360
April 1992	W	W	1,159	4,041	120,006	472,365
Alaska						
April 1993	-	-	694	2,289	2,872	21,995
March 1993	-	-	1,674	5,036	4,781	35,629
April 1992	W	W	631	2,358	13,141	20,659
Arizona						
April 1993	W	W	-	16	9,122	24,188
March 1993	W	W	W	119	8,847	26,091
April 1992	W	W	-	W	10,518	22,621
California						
April 1993	-	94	W	638	41,919	233,205
March 1993	-	527	W	1,061	41,693	253,601
April 1992	-	W	271	305	58,838	254,139
Hawaii						
April 1993	-	-	W	W	9,769	5,263
March 1993	-	-	W	W	10,138	5,722
April 1992	-	-	W	W	11,027	5,408
Nevada						
April 1993	-	-	W	94	3,130	17,065
March 1993	-	-	W	273	2,691	19,753
April 1992	-	-	W	48	2,726	15,727
Oregon						
April 1993	-	W	W	414	13,747	50,250
March 1993	W	W	65	1,292	13,858	49,340
April 1992	-	W	W	313	12,748	50,056
Washington						
April 1993	-	W	W	921	9,965	81,478
March 1993	-	W	147	1,727	11,468	82,224
April 1992	-	W	W	708	11,008	103,755

Dashes (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

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

Note: 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.

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

Table 46. Refiner No. 4 and Residual Fuel Oil Volumes by PAD District
(Thousand Gallons)

Geographic Area Month	No. 4 Fuel		Residual Fuel Oil Sulfur Content Less Than or Equal to 1 Percent		Residual Fuel Oil Sulfur Content Greater Than 1 Percent		Total Residual	
	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
U.S. Total								
April 1993	14,183	12,664	215,963	171,594	390,400	191,501	606,363	363,095
March 1993	25,459	24,199	217,506	192,768	385,266	215,860	602,772	408,628
April 1992	15,933	12,084	181,249	190,860	451,208	407,442	632,457	598,302
PAD District I Total								
April 1993	9,630	8,536	183,600	99,488	146,914	23,936	330,514	123,424
March 1993	20,631	20,468	176,496	118,647	154,573	30,984	331,069	149,631
April 1992	11,408	10,506	144,952	96,146	197,496	56,720	342,448	152,866
Subdistrict IA Total								
April 1993	W	W	W	W	W	W	19,601	23,891
March 1993	W	W	W	W	W	W	40,358	W
April 1992	W	W	W	W	W	W	61,778	W
Subdistrict IB Total								
April 1993	W	6,734	124,220	54,748	45,718	18,575	169,938	73,323
March 1993	W	16,690	118,131	77,622	51,004	22,409	169,135	100,031
April 1992	W	8,018	71,682	88,216	77,233	41,842	148,915	130,058
Subdistrict IC Total								
April 1993	853	W	W	W	W	W	140,975	26,210
March 1993	2,848	W	W	W	W	W	121,576	W
April 1992	635	W	W	W	W	W	131,755	W
PAD District II Total								
April 1993	W	W	W	W	W	W	3,330	10,356
March 1993	W	W	W	W	W	W	4,349	11,498
April 1992	W	W	1,783	W	4,060	W	5,843	18,770
PAD District III Total								
April 1993	W	-	-	45,493	109,931	104,685	109,931	150,178
March 1993	W	-	-	64,192	105,170	118,436	105,170	182,628
April 1992	W	W	-	68,533	153,473	176,109	153,473	244,642
PAD District IV Total								
April 1993	-	W	-	W	W	W	W	2,131
March 1993	-	W	-	W	310	W	310	2,424
April 1992	-	-	-	W	185	W	185	3,340
PAD District V Total								
April 1993	W	4,072	W	24,989	130,609	52,017	W	77,006
March 1993	W	W	W	W	W	W	161,874	62,447
April 1992	W	1,358	34,514	17,544	95,994	161,140	130,508	178,684

Dashes (-) = No data reported.

W = Withheld to avoid disclosure of individual company data.

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

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 47. Prime Supplier Sales Volumes of Motor Gasoline by Grade,
PAD District and State**
(Thousand Gallons)

Geographic Area Month	Leaded Regular	Unleaded Regular	Unleaded Midgrade	Premium	Total
U.S. Total					
April 1993	117,451	6,609,720	1,178,746	1,914,032	9,819,950
March 1993	115,322	6,591,699	1,185,932	1,923,016	9,815,969
April 1992	155,430	6,800,459	1,136,864	1,990,211	10,082,964
PAD District I Total					
April 1993	178	2,113,535	519,071	875,514	3,508,298
March 1993	183	2,091,491	515,661	855,080	3,462,415
April 1992	589	2,014,024	501,439	870,413	3,386,465
Subdistrict IA Total					
April 1993	-	287,677	63,271	109,917	460,865
March 1993	-	287,759	65,337	108,290	461,386
April 1992	-	272,166	59,082	107,820	439,068
Connecticut					
April 1993	-	65,265	17,746	28,300	111,311
March 1993	-	64,680	18,553	28,591	111,824
April 1992	-	61,021	17,649	29,695	108,365
Maine					
April 1993	-	38,678	6,310	9,708	54,696
March 1993	-	40,818	6,767	10,667	58,252
April 1992	-	36,426	6,317	8,563	51,306
Massachusetts					
April 1993	-	121,234	26,679	50,649	198,562
March 1993	-	119,153	26,756	46,846	192,755
April 1992	-	114,377	23,319	47,344	185,040
New Hampshire					
April 1993	-	22,777	4,339	6,347	33,463
March 1993	-	23,216	4,726	6,647	34,589
April 1992	-	22,219	4,296	6,557	33,072
Rhode Island					
April 1993	-	28,373	6,085	11,517	45,975
March 1993	-	27,485	6,226	11,671	45,382
April 1992	-	27,422	5,464	12,024	44,910
Vermont					
April 1993	-	11,350	2,112	3,396	16,858
March 1993	-	12,407	2,309	3,868	18,584
April 1992	-	10,701	2,037	3,637	16,375
Subdistrict IB Total					
April 1993	W	825,840	W	381,659	1,393,272
March 1993	110	811,760	179,861	364,626	1,356,357
April 1992	266	806,410	184,181	394,285	1,385,142
Delaware					
April 1993	-	20,686	6,819	6,786	34,291
March 1993	-	20,262	6,539	7,202	34,003
April 1992	-	18,846	6,410	7,085	32,341
District of Columbia					
April 1993	-	4,955	2,764	6,436	14,155
March 1993	-	5,128	2,652	6,140	13,920
April 1992	-	4,573	2,507	6,388	13,468
Maryland					
April 1993	-	95,539	32,431	46,562	174,532
March 1993	-	94,992	30,735	43,090	168,817
April 1992	W	83,458	W	47,264	163,604
New Jersey					
April 1993	-	178,316	38,351	104,512	321,179
March 1993	-	182,848	37,543	99,689	320,080
April 1992	W	201,149	W	117,587	356,800
New York					
April 1993	90	267,734	47,728	125,293	440,845
March 1993	W	262,729	W	123,640	434,389
April 1992	107	232,876	42,955	119,692	395,630
Pennsylvania					
April 1993	W	258,610	W	92,070	408,270
March 1993	W	245,801	W	84,865	385,148
April 1992	W	265,508	W	96,269	423,299

See footnotes at end of table.

**Table 47. Prime Supplier Sales Volumes of Motor Gasoline by Grade,
PAD District and State (Continued)**
(Thousand Gallons)

Geographic Area Month	Leaded Regular	Unleaded Regular	Unleaded Midgrade	Premium	Total
Subdistrict IC Total					
April 1993	W	1,000,018	W	383,938	1,654,161
March 1993	73	991,972	270,463	382,164	1,644,672
April 1992	323	935,448	258,176	368,308	1,562,255
Florida					
April 1993	-	303,406	97,827	152,181	553,414
March 1993	-	322,111	101,292	157,284	580,687
April 1992	-	276,485	90,594	147,714	514,793
Georgia					
April 1993	W	194,337	W	69,279	313,477
March 1993	W	192,162	W	67,894	309,939
April 1992	W	184,819	W	65,443	296,896
North Carolina					
April 1993	-	198,329	43,022	59,324	300,675
March 1993	-	192,454	43,942	58,839	295,235
April 1992	-	188,525	43,889	56,765	289,179
South Carolina					
April 1993	-	108,332	24,395	28,731	161,458
March 1993	-	104,653	23,670	28,575	156,898
April 1992	-	98,185	21,806	26,111	146,102
Virginia					
April 1993	-	162,496	46,720	65,963	275,179
March 1993	-	151,253	44,491	61,889	257,633
April 1992	-	153,216	47,145	63,122	263,483
West Virginia					
April 1993	W	33,118	W	8,460	49,958
March 1993	W	29,339	W	7,683	44,280
April 1992	W	34,218	W	9,153	51,802
PAD District II Total					
April 1993	5,270	2,121,382	279,849	400,609	2,807,110
March 1993	3,845	2,089,248	283,396	428,892	2,805,381
April 1992	10,853	2,142,312	276,507	403,973	2,833,645
Illinois					
April 1993	W	265,809	W	63,930	375,948
March 1993	W	263,345	W	67,630	379,061
April 1992	W	269,341	W	69,126	385,156
Indiana					
April 1993	W	151,287	W	33,675	213,094
March 1993	W	154,638	W	38,147	218,455
April 1992	W	159,155	W	31,630	220,184
Iowa					
April 1993	W	102,777	W	7,908	112,507
March 1993	W	97,500	W	7,445	106,925
April 1992	W	100,917	W	8,763	111,979
Kansas					
April 1993	W	105,352	W	11,232	120,615
March 1993	W	108,120	W	12,282	124,758
April 1992	1,266	100,850	4,405	12,417	118,938
Kentucky					
April 1993	62	107,886	25,547	30,389	163,884
March 1993	W	101,848	W	30,075	154,300
April 1992	W	100,746	W	27,359	151,394
Michigan					
April 1993	830	271,102	35,460	51,379	358,771
March 1993	669	269,351	36,585	57,741	364,346
April 1992	1,552	255,465	34,643	51,306	342,966
Minnesota					
April 1993	109	136,521	11,048	13,043	160,721
March 1993	104	136,672	11,589	13,944	162,309
April 1992	206	132,879	10,255	13,668	157,008
Missouri					
April 1993	W	157,171	W	31,193	208,238
March 1993	W	153,901	W	33,579	207,116
April 1992	218	154,696	19,705	31,042	205,661

See footnotes at end of table.

**Table 47. Prime Supplier Sales Volumes of Motor Gasoline by Grade,
PAD District and State (Continued)**
(Thousand Gallons)

Geographic Area Month	Leaded Regular	Unleaded Regular	Unleaded Midgrade	Premium	Total
Nebraska					
April 1993	211	56,928	441	3,277	60,857
March 1993	254	55,214	463	3,212	59,143
April 1992	573	56,710	2,213	3,600	63,096
North Dakota					
April 1993	W	26,218	W	1,319	29,099
March 1993	W	24,341	W	1,269	26,994
April 1992	W	23,249	W	1,364	26,657
Ohio					
April 1993	W	280,159	W	56,264	388,646
March 1993	W	267,101	W	66,097	387,083
April 1992	W	283,677	W	56,017	391,566
Oklahoma					
April 1993	66	134,241	7,054	21,715	163,076
March 1993	93	135,071	7,212	21,799	164,175
April 1992	1,886	178,875	6,929	24,725	212,415
South Dakota					
April 1993	432	28,049	40	1,687	30,208
March 1993	W	29,960	W	1,803	32,363
April 1992	W	29,679	W	1,694	32,240
Tennessee					
April 1993	-	155,208	38,824	52,174	246,206
March 1993	-	149,490	40,754	51,402	241,646
April 1992	-	154,984	37,424	49,289	241,697
Wisconsin					
April 1993	W	142,674	W	21,424	175,240
March 1993	W	142,696	W	22,467	176,707
April 1992	W	141,089	W	21,973	172,688
PAD District III Total					
April 1993	11,386	1,000,759	196,760	267,560	1,476,465
March 1993	11,524	1,014,945	198,615	271,874	1,496,958
April 1992	15,319	1,274,303	191,648	296,403	1,777,673
Alabama					
April 1993	-	109,908	23,746	35,693	169,347
March 1993	-	107,310	23,873	34,884	166,067
April 1992	-	105,672	22,456	33,072	161,200
Arkansas					
April 1993	W	87,543	W	20,055	120,670
March 1993	W	90,247	W	21,585	125,229
April 1992	-	87,023	12,720	19,436	119,179
Louisiana					
April 1993	-	102,978	26,975	38,359	168,312
March 1993	-	109,349	27,517	39,081	175,947
April 1992	-	115,588	26,009	42,335	183,932
Mississippi					
April 1993	-	77,470	13,796	21,040	112,306
March 1993	-	87,039	14,193	20,790	122,022
April 1992	-	92,707	12,587	20,472	125,766
New Mexico					
April 1993	7,417	49,832	1,868	6,088	65,205
March 1993	7,724	52,961	1,955	6,471	69,111
April 1992	9,671	47,835	1,220	6,514	65,240
Texas					
April 1993	W	573,028	W	146,325	840,625
March 1993	W	568,039	W	149,063	838,582
April 1992	5,648	825,478	116,656	174,574	1,122,356
PAD District IV Total					
April 1993	27,257	215,852	17,170	46,319	306,598
March 1993	25,707	215,807	17,134	45,543	304,191
April 1992	38,290	200,929	14,862	45,096	299,177
Colorado					
April 1993	3,744	100,305	13,392	20,248	137,689
March 1993	4,766	102,878	13,624	19,779	141,047
April 1992	8,892	88,486	11,648	21,234	130,260

See footnotes at end of table.

**Table 47. Prime Supplier Sales Volumes of Motor Gasoline by Grade,
PAD District and State (Continued)**
(Thousand Gallons)

Geographic Area Month	Leaded Regular	Unleaded Regular	Unleaded Midgrade	Premium	Total
Idaho					
April 1993	8,244	28,368	W	W	40,967
March 1993	7,480	27,646	-	4,303	39,429
April 1992	9,875	27,472	-	3,710	41,057
Montana					
April 1993	6,307	24,814	-	4,886	36,007
March 1993	5,560	23,680	-	4,972	34,212
April 1992	7,988	23,624	-	5,060	36,672
Utah					
April 1993	5,944	46,493	W	W	70,095
March 1993	W	44,858	W	13,465	67,082
April 1992	8,417	46,172	W	W	70,122
Wyoming					
April 1993	3,018	15,872	-	2,950	21,840
March 1993	W	16,745	W	3,024	22,421
April 1992	3,118	15,175	W	W	21,066
PAD District V Total					
April 1993	73,360	1,158,193	165,896	324,030	1,721,479
March 1993	74,063	1,180,208	171,126	321,627	1,747,024
April 1992	90,379	1,168,891	152,408	374,326	1,786,004
Alaska					
April 1993	774	14,454	-	2,198	17,426
March 1993	784	14,617	-	1,861	17,262
April 1992	1,170	14,227	-	2,017	17,414
Arizona					
April 1993	18,222	94,147	812	19,435	132,616
March 1993	18,260	97,705	884	18,679	135,528
April 1992	22,404	91,389	566	21,379	135,738
California					
April 1993	W	767,476	W	232,813	1,155,739
March 1993	W	780,962	W	230,437	1,171,954
April 1992	37	802,920	144,505	285,700	1,233,162
Hawaii					
April 1993	-	16,448	3,403	9,631	29,482
March 1993	-	17,542	3,328	9,967	30,837
April 1992	-	18,418	3,087	9,935	31,440
Nevada					
April 1993	170	49,124	6,166	12,138	67,598
March 1993	142	47,065	6,299	10,559	64,065
April 1992	1,348	41,513	4,200	9,450	56,511
Oregon					
April 1993	W	76,918	W	12,852	109,131
March 1993	W	78,872	W	14,274	113,561
April 1992	24,641	72,319	W	W	110,258
Washington					
April 1993	W	139,626	W	34,963	209,487
March 1993	W	143,445	W	35,850	213,817
April 1992	40,779	128,105	W	W	201,481

Dashes (-) = No data reported.

W = Withheld to avoid disclosure of individual company data.

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

Source: Energy Information Administration Form EIA-782C, "Monthly Report of Petroleum Products Sold into States for Consumption."

Table 48. Prime Supplier Sales Volumes of Aviation Fuels, Propane, and Residual Fuel Oil by PAD District and State
(Thousand Gallons)

Geographic Area Month	Aviation Gasoline	Kerosene- Type Jet Fuel	Naphtha- Type Jet Fuel	Propane (Consumer Grade)	Residual Fuel Oil		
					Sulfur Content Less Than or Equal to 1 Percent	Sulfur Content Greater Than 1 Percent	Total Residual
U.S. Total							
April 1993	24,419	1,470,991	152,672	790,935	391,302	648,474	1,039,776
March 1993	23,175	1,482,749	174,620	1,175,950	436,409	691,385	1,127,794
April 1992	25,694	1,442,394	193,141	769,299	499,215	981,743	1,480,958
PAD District I Total							
April 1993	6,527	386,363	W	142,431	328,766	282,473	611,239
March 1993	5,535	397,660	W	258,626	357,638	321,452	679,090
April 1992	7,016	371,654	W	146,341	354,428	366,333	720,761
Subdistrict IA Total							
April 1993	719	33,000	W	15,334	54,547	49,225	103,772
March 1993	501	33,933	-	29,442	102,025	55,124	157,149
April 1992	653	37,009	-	16,985	56,676	80,570	137,246
Connecticut							
April 1993	91	6,817	W	2,815	11,627	-	11,627
March 1993	84	7,228	-	5,442	W	W	24,803
April 1992	83	7,230	-	3,604	W	W	23,664
Maine							
April 1993	W	W	-	1,516	7,605	19,774	27,379
March 1993	W	W	-	2,528	22,976	22,409	45,385
April 1992	W	2,888	-	1,841	25,822	21,708	47,530
Massachusetts							
April 1993	220	22,030	-	4,345	30,779	23,124	53,903
March 1993	W	21,672	-	8,829	47,239	16,753	63,992
April 1992	W	24,448	-	4,901	18,192	40,477	58,669
New Hampshire							
April 1993	55	609	-	3,737	238	5,477	5,715
March 1993	47	914	-	6,675	824	14,948	15,772
April 1992	68	W	-	3,689	1,720	2,274	3,994
Rhode Island							
April 1993	W	1,144	-	1,025	W	W	4,208
March 1993	W	1,485	-	1,759	W	W	6,079
April 1992	W	1,488	-	995	2,412	-	2,412
Vermont							
April 1993	35	W	-	1,896	W	W	940
March 1993	59	W	-	4,209	W	W	1,118
April 1992	41	W	-	1,955	W	W	977
Subdistrict IB Total							
April 1993	1,178	184,925	W	49,035	194,244	89,055	283,299
March 1993	943	196,400	W	75,008	216,009	110,746	326,755
April 1992	1,222	177,304	W	53,597	268,077	140,400	408,477
Delaware							
April 1993	W	310	W	2,398	W	3,079	W
March 1993	W	232	W	7,208	W	W	W
April 1992	W	289	W	W	11,968	9,569	21,537
District of Columbia							
April 1993	-	-	-	-	W	-	W
March 1993	W	-	-	-	W	-	W
April 1992	-	-	-	-	W	-	W
Maryland							
April 1993	W	7,294	W	3,285	22,420	16,815	39,235
March 1993	128	6,870	-	5,399	W	W	37,476
April 1992	W	6,701	W	W	W	15,481	W
New Jersey							
April 1993	315	131,357	W	7,711	34,634	13,956	48,590
March 1993	233	143,880	-	10,495	27,907	26,228	54,135
April 1992	522	131,894	-	7,606	63,341	49,751	113,092
New York							
April 1993	350	11,257	-	13,968	115,079	36,134	151,213
March 1993	277	10,341	-	23,122	129,580	30,749	160,329
April 1992	263	9,664	-	13,600	162,883	36,887	199,770
Pennsylvania							
April 1993	369	34,707	-	21,673	6,072	19,071	25,143
March 1993	262	35,077	-	28,784	27,345	25,544	52,889
April 1992	323	28,756	W	23,102	19,001	28,712	47,713

See footnotes at end of table.

Table 48. Prime Supplier Sales Volumes of Aviation Fuels, Propane, and Residual Fuel Oil by PAD District and State (Continued)
(Thousand Gallons)

Geographic Area Month	Aviation Gasoline	Kerosene- Type Jet Fuel	Naphtha- Type Jet Fuel	Propane (Consumer Grade)	Residual Fuel Oil		
					Sulfur Content Less Than or Equal to 1 Percent	Sulfur Content Greater Than 1 Percent:	Total Residual
Subdistrict IC Total							
April 1993	4,630	168,438	-	78,062	79,975	144,193	224,168
March 1993	4,091	167,327	-	154,176	39,604	155,582	195,186
April 1992	5,141	157,341	-	75,759	29,675	145,363	175,038
Florida							
April 1993	2,553	76,914	-	25,830	78,306	90,222	168,528
March 1993	2,424	83,535	-	35,845	37,410	83,575	120,985
April 1992	2,930	75,567	-	23,252	27,585	93,628	121,213
Georgia							
April 1993	707	45,156	-	13,570	-	9,773	9,773
March 1993	573	37,899	-	31,871	W	10,119	W
April 1992	778	34,946	-	14,463	-	4,759	4,759
North Carolina							
April 1993	575	11,325	-	17,791	W	18,906	W
March 1993	266	10,648	-	43,911	W	W	28,527
April 1992	613	8,610	-	19,792	W	19,297	W
South Carolina							
April 1993	364	2,473	-	9,231	W	W	W
March 1993	497	2,377	-	22,475	W	W	W
April 1992	411	2,659	-	8,996	W	W	W
Virginia							
April 1993	330	32,117	-	10,264	310	16,609	16,919
March 1993	241	32,361	-	17,664	609	23,855	24,464
April 1992	W	35,028	-	8,069	975	22,899	23,874
West Virginia							
April 1993	101	453	-	1,376	W	W	862
March 1993	90	507	-	2,410	W	W	1,963
April 1992	W	531	-	1,187	W	W	639
PAD District II Total							
April 1993	6,089	266,145	27,926	245,227	W	W	18,321
March 1993	5,814	266,360	29,431	401,969	1,359	18,058	19,417
April 1992	6,263	234,656	39,732	250,367	4,595	18,655	23,250
Illinois							
April 1993	530	26,625	W	28,999	W	W	340
March 1993	407	26,824	-	48,764	W	W	68
April 1992	W	17,283	W	24,146	W	W	3,546
Indiana							
April 1993	745	52,112	W	12,924	W	W	1,573
March 1993	691	48,684	W	28,860	W	W	2,402
April 1992	743	42,221	W	15,384	W	W	1,139
Iowa							
April 1993	257	1,976	W	11,815	-	-	-
March 1993	216	1,686	W	21,895	-	-	-
April 1992	316	2,093	W	13,935	-	W	W
Kansas							
April 1993	427	10,339	W	51,893	-	-	-
March 1993	418	11,605	W	70,937	W	-	W
April 1992	474	7,518	W	57,323	W	-	W
Kentucky							
April 1993	172	13,698	-	10,214	W	W	606
March 1993	124	13,971	-	18,691	W	W	531
April 1992	159	21,517	-	12,434	W	W	474
Michigan							
April 1993	575	27,039	-	23,596	W	W	990
March 1993	785	28,995	-	34,599	W	W	1,487
April 1992	540	26,342	W	24,979	W	W	1,618
Minnesota							
April 1993	487	29,682	W	16,020	W	W	6,972
March 1993	467	29,169	W	25,330	W	W	5,290
April 1992	476	12,671	W	18,567	W	W	6,570
Missouri							
April 1993	379	26,297	W	23,385	W	W	W
March 1993	417	26,864	W	39,374	W	W	W
April 1992	369	22,675	W	18,556	W	W	W

See footnotes at end of table.

Table 48. Prime Supplier Sales Volumes of Aviation Fuels, Propane, and Residual Fuel Oil by PAD District and State (Continued)
(Thousand Gallons)

Geographic Area Month	Aviation Gasoline	Kerosene- Type Jet Fuel	Naphtha- Type Jet Fuel	Propane (Consumer Grade)	Residual Fuel Oil		
					Sulfur Content Less Than or Equal to 1 Percent	Sulfur Content Greater Than 1 Percent	Total Residual
Nebraska							
April 1993	202	2,293	-	4,774	-	W	W
March 1993	205	2,490	-	8,743	-	W	W
April 1992	278	1,785	-	3,981	-	W	W
North Dakota							
April 1993	W	651	W	4,283	-	-	-
March 1993	W	735	W	6,334	-	-	-
April 1992	W	694	W	5,199	-	-	-
Ohio							
April 1993	701	29,471	W	16,148	W	W	1,061
March 1993	498	29,556	W	31,858	W	W	2,556
April 1992	677	28,361	7,288	15,995	1,164	2,296	3,460
Oklahoma							
April 1993	351	20,715	9,174	13,669	-	-	-
March 1993	445	23,681	9,453	22,262	W	W	W
April 1992	520	34,529	13,453	14,513	W	W	338
South Dakota							
April 1993	W	580	W	2,671	-	W	W
March 1993	W	724	W	5,067	-	W	W
April 1992	W	486	W	2,900	-	W	W
Tennessee							
April 1993	546	19,549	W	6,654	W	W	960
March 1993	567	16,568	W	13,252	W	W	1,323
April 1992	564	12,501	W	4,774	W	W	927
Wisconsin							
April 1993	405	5,118	-	18,182	-	4,110	4,110
March 1993	322	4,808	-	26,003	W	W	3,242
April 1992	385	3,980	-	17,681	W	W	4,413
PAD District III Total							
April 1993	4,407	368,016	67,143	310,372	16,768	186,006	202,774
March 1993	4,080	361,337	93,826	404,311	27,387	166,882	194,269
April 1992	4,403	370,070	85,555	283,387	85,451	319,217	404,668
Alabama							
April 1993	447	4,281	W	9,272	-	W	W
March 1993	401	4,062	W	23,090	W	W	9,945
April 1992	404	3,641	W	9,322	-	W	W
Arkansas							
April 1993	W	2,701	W	7,626	-	-	-
March 1993	W	1,357	W	14,826	-	W	W
April 1992	W	2,058	W	6,005	-	W	W
Louisiana							
April 1993	258	74,770	38,155	27,504	3,213	101,462	104,675
March 1993	270	65,910	28,374	38,330	W	W	98,333
April 1992	333	74,267	29,985	23,496	36,536	176,124	212,660
Mississippi							
April 1993	W	18,406	3,430	10,835	-	W	W
March 1993	W	25,929	W	26,740	-	W	W
April 1992	314	30,212	4,680	13,538	-	W	W
New Mexico							
April 1993	290	4,445	W	19,472	W	-	W
March 1993	266	5,002	W	21,917	W	-	W
April 1992	W	3,543	6,014	13,819	W	-	W
Texas							
April 1993	2,748	263,413	17,361	235,663	W	W	87,101
March 1993	2,628	259,077	52,004	279,408	26,343	59,199	85,542
April 1992	2,648	256,349	41,873	217,207	W	W	182,354
PAD District IV Total							
April 1993	1,440	41,455	W	23,851	W	W	1,808
March 1993	1,186	45,726	W	30,657	1,836	891	2,727
April 1992	1,501	38,457	W	21,300	2,683	233	2,916
Colorado							
April 1993	461	21,845	W	8,266	-	-	-
March 1993	482	27,322	W	10,452	-	-	-
April 1992	594	21,670	W	5,962	-	-	-

See footnotes at end of table.

Table 48. Prime Supplier Sales Volumes of Aviation Fuels, Propane, and Residual Fuel Oil by PAD District and State (Continued)
(Thousand Gallons)

Geographic Area Month	Aviation Gasoline	Kerosene- Type Jet Fuel	Naphtha- Type Jet Fuel	Propane (Consumer Grade)	Residual Fuel Oil		
					Sulfur Content Less Than or Equal to 1 Percent	Sulfur Content Greater Than 1 Percent	Total Residual
Idaho							
April 1993	W	1,426	-	2,155	W	-	W
March 1993	81	1,218	-	2,536	W	-	W
April 1992	W	1,134	-	1,624	-	-	-
Montana							
April 1993	W	1,781	W	3,944	-	-	-
March 1993	W	2,142	W	5,090	-	W	W
April 1992	W	1,194	W	4,700	-	W	W
Utah							
April 1993	503	16,106	7,034	3,586	W	W	399
March 1993	383	14,733	5,305	4,306	W	W	897
April 1992	457	14,309	W	3,595	W	W	W
Wyoming							
April 1993	105	297	W	5,900	W	W	W
March 1993	W	311	W	8,273	W	W	1,765
April 1992	93	150	-	5,419	W	W	W
PAD District V Total							
April 1993	5,956	409,012	34,101	69,054	42,775	162,859	205,634
March 1993	6,560	411,666	31,977	80,387	48,189	184,102	232,291
April 1992	6,511	427,557	42,511	67,904	52,058	277,305	329,363
Alaska							
April 1993	W	41,308	W	W	-	-	-
March 1993	W	31,825	W	W	-	W	W
April 1992	W	38,554	W	W	-	W	W
Arizona							
April 1993	613	20,211	W	3,248	W	-	W
March 1993	690	18,782	W	4,750	W	-	W
April 1992	570	21,386	W	4,175	-	-	-
California							
April 1993	3,322	241,482	32,959	40,649	11,078	62,779	73,857
March 1993	3,511	242,784	30,289	47,585	W	W	77,891
April 1992	3,404	237,732	35,260	40,393	18,065	134,365	152,430
Hawaii							
April 1993	W	26,192	-	W	W	W	44,813
March 1993	W	26,007	-	W	W	W	51,321
April 1992	W	30,028	-	W	W	W	44,804
Nevada							
April 1993	207	14,746	W	2,841	W	W	W
March 1993	204	16,933	W	3,887	W	W	W
April 1992	235	14,059	W	1,746	W	-	W
Oregon							
April 1993	528	11,316	-	3,820	-	W	W
March 1993	441	12,301	-	4,010	-	20,855	20,855
April 1992	411	10,796	-	3,671	-	20,329	20,329
Washington							
April 1993	584	53,757	-	13,873	-	69,205	69,205
March 1993	656	63,034	-	15,169	-	69,950	69,950
April 1992	1,045	75,002	-	13,533	-	74,713	74,713

Dashes (-) = No data reported.

W = Withheld to avoid disclosure of individual company data.

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

Source: Energy Information Administration Form EIA-782C, "Monthly Report of Petroleum Products Sold into States for Consumption."

**Table 49. Prime Supplier Sales Volumes of Distillate Fuel Oils
by PAD District and State**
(Thousand Gallons)

Geographic Area Month	Kerosene	No. 1 Distillate	No. 2 Distillate			No. 4 Fuel	Total Distillate and Kerosene
			No. 2 Fuel Oil	No. 2 Diesel	Total		
U.S. Total							
April 1993	35,667	38,574	1,543,633	2,234,241	3,777,874	40,057	3,892,172
March 1993	122,837	99,855	2,108,735	2,294,555	4,403,290	72,239	4,698,221
April 1992	48,283	39,872	1,728,606	2,335,467	4,064,073	42,890	4,195,118
PAD District I Total							
April 1993	26,567	9,549	889,844	503,694	1,393,538	31,826	1,461,480
March 1993	95,097	20,937	1,460,654	552,626	2,013,280	66,664	2,195,978
April 1992	29,494	9,878	991,170	493,159	1,484,329	36,787	1,560,488
Subdistrict IA Total							
April 1993	4,911	1,102	215,824	42,003	257,827	8,795	272,635
March 1993	14,483	3,425	391,860	48,897	440,757	17,128	475,793
April 1992	5,266	726	250,822	39,376	290,198	9,774	305,964
Connecticut							
April 1993	730	268	48,613	10,040	58,653	1,417	61,068
March 1993	1,974	507	99,585	11,055	110,640	2,856	115,977
April 1992	723	W	65,200	9,301	74,501	W	77,144
Maine							
April 1993	1,747	220	32,893	5,949	38,842	634	41,443
March 1993	6,799	1,580	41,847	6,179	48,026	897	57,302
April 1992	2,033	290	28,090	5,285	33,375	651	36,349
Massachusetts							
April 1993	1,312	110	79,111	14,607	93,718	4,678	99,818
March 1993	3,166	365	157,672	17,118	174,790	9,589	187,910
April 1992	1,343	66	99,141	14,070	113,211	5,310	119,930
New Hampshire							
April 1993	430	W	21,227	5,655	26,882	W	28,138
March 1993	1,609	W	36,608	8,578	45,186	W	48,228
April 1992	684	W	22,566	5,539	28,105	W	29,440
Rhode Island							
April 1993	499	W	29,279	3,832	33,111	W	35,089
March 1993	340	492	46,990	3,739	50,729	2,372	53,933
April 1992	144	W	28,584	3,129	31,713	W	33,201
Vermont							
April 1993	193	W	4,701	1,920	6,621	W	7,079
March 1993	595	W	9,158	2,228	11,386	W	12,443
April 1992	339	W	7,241	2,052	9,293	W	9,900
Subdistrict IB Total							
April 1993	13,230	6,292	487,012	140,722	627,734	21,669	668,925
March 1993	42,323	13,254	851,720	151,656	1,003,376	45,766	1,104,719
April 1992	14,055	6,780	561,367	135,637	697,004	25,756	743,595
Delaware							
April 1993	233	W	10,565	6,990	17,555	W	17,836
March 1993	855	W	17,404	8,395	25,799	W	26,785
April 1992	472	W	15,618	7,126	22,744	W	23,249
District of Columbia							
April 1993	W	W	3,731	577	4,308	187	5,154
March 1993	20	W	11,115	561	11,676	W	13,106
April 1992	W	W	4,474	500	4,974	153	5,817
Maryland							
April 1993	1,092	W	28,737	19,775	48,512	W	50,349
March 1993	3,901	818	63,094	21,822	84,916	1,009	90,644
April 1992	1,177	410	31,186	20,037	51,223	275	53,085
New Jersey							
April 1993	1,868	2,325	149,580	25,194	174,774	3,608	182,575
March 1993	6,987	2,749	285,027	26,783	311,810	8,104	329,650
April 1992	1,664	3,261	212,339	22,087	234,426	5,054	244,405
New York							
April 1993	6,503	900	157,551	32,563	190,114	17,437	214,954
March 1993	16,416	4,383	278,873	34,414	313,287	35,666	369,752
April 1992	5,647	626	171,691	24,142	195,833	20,015	222,121
Pennsylvania							
April 1993	W	1,888	136,848	55,623	192,471	W	198,057
March 1993	14,144	W	196,207	59,681	255,888	W	274,782
April 1992	W	1,782	126,059	61,745	187,804	W	194,918

See footnotes at end of table.

**Table 49. Prime Supplier Sales Volumes of Distillate Fuel Oils
by PAD District and State (Continued)**
(Thousand Gallons)

Geographic Area Month	Kerosene	No. 1 Distillate	No. 2 Distillate			No. 4 Fuel	Total Distillate and Kerosene
			No. 2 Fuel Oil	No. 2 Diesel	Total		
Subdistrict IC Total							
April 1993	8,425	2,155	187,008	320,969	507,977	1,362	519,919
March 1993	38,291	4,258	217,074	352,073	569,147	3,770	615,466
April 1992	10,173	2,372	178,981	318,146	497,127	1,257	510,929
Florida							
April 1993	247	461	30,720	107,903	138,623	425	139,756
March 1993	2,198	686	28,365	117,870	146,235	556	149,675
April 1992	567	W	23,374	108,229	131,603	W	132,859
Georgia							
April 1993	575	W	27,715	73,385	101,100	W	101,847
March 1993	2,741	77	23,349	76,477	99,826	190	102,834
April 1992	763	W	25,285	70,376	95,661	W	96,597
North Carolina							
April 1993	3,430	518	46,310	49,398	95,708	219	99,875
March 1993	15,567	670	54,558	59,687	114,245	101	130,583
April 1992	4,135	612	44,490	49,032	93,522	258	98,527
South Carolina							
April 1993	W	-	20,201	23,481	43,682	W	45,092
March 1993	5,997	W	21,794	25,795	47,589	W	53,675
April 1992	1,554	W	18,688	24,430	43,118	W	44,728
Virginia							
April 1993	2,422	1,068	53,641	45,806	99,447	527	103,464
March 1993	10,161	2,498	78,954	52,436	131,390	2,833	146,882
April 1992	2,652	1,117	56,396	47,536	103,932	629	108,330
West Virginia							
April 1993	W	W	8,421	20,996	29,417	W	29,885
March 1993	1,627	W	10,054	19,808	29,862	W	31,817
April 1992	502	W	10,748	18,543	29,291	W	29,888
PAD District II Total							
April 1993	7,437	W	471,455	648,353	1,119,808	W	1,150,167
March 1993	23,682	W	468,837	634,331	1,103,168	W	1,183,130
April 1992	6,940	W	469,713	622,612	1,092,325	W	1,121,741
Illinois							
April 1993	941	W	55,764	65,269	121,033	W	127,413
March 1993	1,430	W	52,011	62,382	114,393	W	125,699
April 1992	292	W	73,051	67,126	140,177	W	143,747
Indiana							
April 1993	578	W	41,074	66,730	107,804	W	111,295
March 1993	2,166	W	54,490	61,887	116,377	W	124,782
April 1992	605	W	42,706	59,932	102,638	W	107,470
Iowa							
April 1993	19	547	24,588	38,992	63,580	-	64,146
March 1993	279	2,818	22,609	33,901	56,510	-	59,607
April 1992	95	420	29,428	34,700	64,128	-	64,643
Kansas							
April 1993	52	624	31,903	31,752	63,655	-	64,331
March 1993	235	1,982	26,821	27,528	54,349	-	56,566
April 1992	W	W	27,701	31,657	59,358	-	59,862
Kentucky							
April 1993	796	W	24,774	55,022	79,796	W	81,152
March 1993	3,074	W	23,423	55,295	78,718	W	83,781
April 1992	802	630	17,849	51,264	69,113	-	70,545
Michigan							
April 1993	1,263	W	48,789	31,629	80,418	W	86,077
March 1993	3,005	7,729	56,590	32,674	89,264	-	99,998
April 1992	1,253	4,324	49,803	26,482	76,285	-	81,862
Minnesota							
April 1993	69	W	33,446	37,740	71,186	W	73,206
March 1993	148	W	30,095	30,465	60,560	W	67,723
April 1992	94	W	33,845	33,651	67,496	W	69,810
Missouri							
April 1993	122	504	21,884	50,730	72,614	-	73,240
March 1993	499	1,845	20,016	54,746	74,762	-	77,106
April 1992	77	362	18,440	48,031	66,471	-	66,910

See footnotes at end of table.

**Table 49. Prime Supplier Sales Volumes of Distillate Fuel Oils
by PAD District and State (Continued)**
(Thousand Gallons)

Geographic Area Month	Kerosene	No. 1 Distillate	No. 2 Distillate			No. 4 Fuel	Total Distillate and Kerosene
			No. 2 Fuel Oil	No. 2 Diesel	Total		
Nebraska							
April 1993	W	W	13,160	30,401	43,561	-	44,108
March 1993	W	W	8,195	23,748	31,943	-	33,814
April 1992	W	W	16,381	31,214	47,595	-	48,567
North Dakota							
April 1993	W	W	15,706	11,678	27,384	-	27,548
March 1993	77	1,038	12,088	9,795	21,883	-	22,998
April 1992	W	W	11,465	9,980	21,445	-	21,674
Ohio							
April 1993	2,659	W	49,505	84,047	133,552	W	136,948
March 1993	8,490	W	58,419	91,646	150,065	W	161,325
April 1992	2,624	798	50,073	77,380	128,253	-	131,675
Oklahoma							
April 1993	W	W	28,377	42,448	70,825	-	72,918
March 1993	63	2,140	23,579	43,742	67,321	-	69,524
April 1992	32	1,967	21,996	40,384	62,380	-	64,379
South Dakota							
April 1993	W	W	9,526	8,883	18,409	-	18,980
March 1993	W	W	9,760	8,755	18,515	-	20,141
April 1992	W	W	9,238	12,332	21,570	-	22,047
Tennessee							
April 1993	652	W	26,014	68,922	94,936	W	96,328
March 1993	3,963	W	22,150	73,783	95,933	W	101,915
April 1992	1,006	W	21,239	76,128	97,367	W	98,909
Wisconsin							
April 1993	205	1,317	46,945	24,110	71,055	-	72,577
March 1993	208	5,368	48,591	23,984	72,575	-	78,151
April 1992	33	1,559	45,698	22,351	68,049	-	69,641
PAD District III Total							
April 1993	1,298	W	122,767	495,081	617,848	W	621,438
March 1993	2,736	W	125,532	499,886	625,518	W	631,651
April 1992	W	3,354	209,414	548,871	758,325	W	772,417
Alabama							
April 1993	267	222	12,866	44,653	57,519	-	58,008
March 1993	1,384	478	13,269	44,364	57,633	-	59,495
April 1992	248	219	W	W	57,603	-	58,070
Arkansas							
April 1993	112	26	W	W	54,337	-	54,475
March 1993	142	41	W	W	55,800	-	55,983
April 1992	W	W	4,886	54,071	58,957	-	59,077
Louisiana							
April 1993	W	W	9,586	102,194	111,780	-	112,457
March 1993	W	W	8,761	101,580	110,341	-	111,129
April 1992	W	W	27,798	117,952	145,750	-	147,469
Mississippi							
April 1993	93	W	27,477	37,195	64,672	W	64,829
March 1993	285	W	23,848	38,103	61,951	W	62,304
April 1992	W	W	25,877	39,922	65,799	W	70,312
New Mexico							
April 1993	W	W	W	W	29,486	-	29,709
March 1993	W	W	W	W	30,071	-	30,624
April 1992	48	155	W	W	29,107	-	29,310
Texas							
April 1993	536	1,370	65,016	235,038	300,054	-	301,960
March 1993	625	1,769	73,445	236,277	309,722	-	312,116
April 1992	4,697	2,373	135,130	265,979	401,109	-	408,179
PAD District IV Total							
April 1993	56	W	34,249	110,566	144,815	W	147,431
March 1993	100	11,017	27,294	100,975	128,269	-	139,386
April 1992	W	W	26,674	111,630	138,304	-	141,081
Colorado							
April 1993	W	W	17,871	25,488	43,359	-	44,732
March 1993	W	W	13,554	22,937	36,491	-	40,228
April 1992	W	W	12,239	28,015	40,254	-	41,114

See footnotes at end of table.

**Table 49. Prime Supplier Sales Volumes of Distillate Fuel Oils
by PAD District and State (Continued)**
(Thousand Gallons)

Geographic Area Month	Kerosene	No. 1 Distillate	No. 2 Distillate			No. 4 Fuel	Total Distillate and Kerosene
			No. 2 Fuel Oil	No. 2 Diesel	Total		
Idaho							
April 1993	-	315	W	W	21,319	-	21,634
March 1993	W	W	3,673	14,475	18,148	-	19,224
April 1992	-	287	W	W	19,290	-	19,577
Montana							
April 1993	-	397	W	W	21,700	-	22,097
March 1993	-	1,610	W	W	19,802	-	21,412
April 1992	-	366	W	W	20,943	-	21,309
Utah							
April 1993	W	205	4,262	27,117	31,379	W	31,610
March 1993	W	W	W	W	27,765	-	29,674
April 1992	W	W	3,567	28,420	31,987	-	32,418
Wyoming							
April 1993	-	300	1,919	25,139	27,058	-	27,358
March 1993	W	W	1,841	24,222	26,063	-	28,448
April 1992	-	233	2,654	23,176	25,830	-	26,063
PAD District V Total							
April 1993	309	W	25,318	476,547	501,865	W	511,656
March 1993	1,022	13,262	26,418	506,637	533,055	737	548,076
April 1992	1,244	5,205	31,595	559,195	590,790	2,152	599,391
Alaska							
April 1993	-	2,955	NA	8,438	W	W	18,673
March 1993	-	7,155	4,509	W	W	W	34,395
April 1992	W	2,990	9,527	24,100	33,627	W	38,419
Arizona							
April 1993	W	16	W	W	35,101	W	35,328
March 1993	W	W	W	W	36,142	-	36,518
April 1992	W	W	W	W	33,163	-	33,314
California							
April 1993	94	W	2,182	262,972	265,154	W	266,398
March 1993	527	W	W	W	273,123	W	275,848
April 1992	W	580	W	W	310,985	W	312,846
Hawaii							
April 1993	-	W	W	14,593	W	-	15,482
March 1993	-	W	W	15,500	W	-	16,343
April 1992	-	W	W	16,325	W	-	16,729
Nevada							
April 1993	-	W	W	W	19,966	W	20,079
March 1993	-	W	W	W	22,090	W	22,640
April 1992	-	272	537	17,368	17,905	-	18,177
Oregon							
April 1993	W	W	5,261	57,296	62,557	-	63,029
March 1993	W	W	5,036	59,178	64,214	-	65,718
April 1992	W	322	6,606	W	W	-	63,501
Washington							
April 1993	W	W	13,028	78,619	91,647	-	92,667
March 1993	W	1,878	14,989	79,639	94,628	W	96,614
April 1992	W	727	14,682	100,898	115,580	W	116,405

Dashes (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

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

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

Source: Energy Information Administration Form EIA-782C, "Monthly Report of Petroleum Products Sold into States for Consumption."

**Standard
Errors and
Survey
Response
Percentages**

**Table 50. Standard Errors of Total Motor Gasoline Prices^a
by Sales Type, PAD District and State
(Cents per Gallon, Excluding Taxes)**

Geographic Area Month	Refiner/Reseller				Reseller			
	Sales to End Users			Sales for Resale	Sales to End Users			Sales for Resale
	Through Company Outlets	Other End Users	Average		Through Company Outlets	Other End Users	Average	
U.S. Average								
April 1993	0.1	0.3	0.1	0.1	0.2	0.4	0.2	0.2
March 1993	.1	.3	.1	.1	.2	.4	.2	.3
PAD District I Average								
April 1993	.2	.5	.2	.1	.3	.6	.2	.3
March 1993	.3	.3	.2	.1	.4	.4	.4	.4
Subdistrict IA Average								
April 1993	.3	.4	.2	.1	.3	.6	.3	.2
March 1993	.3	.3	.4	.1	.4	.5	.5	.4
Connecticut								
April 1993	.2	1.5	.3	.1	.3	2.3	.3	.8
March 1993	.7	1.0	.7	.5	.9	1.1	.9	3.3
Maine								
April 1993	.4	1.4	.4	.1	.4	1.8	.3	.2
March 1993	.7	1.5	.7	.3	.7	1.5	.7	.7
Massachusetts								
April 1993	.4	.5	.4	.1	.5	.6	.5	.2
March 1993	.5	.8	.7	.2	.7	.4	.9	.7
New Hampshire								
April 1993	1.2	.8	1.2	.3	1.5	.9	1.5	.5
March 1993	.1	.8	.2	.2	.2	1.6	.2	.3
Rhode Island								
April 1993	.9	.0	.6	.1	1.3	.0	1.0	.3
March 1993	1.0	.4	.8	.1	1.3	.5	1.1	.3
Vermont								
April 1993	.2	.8	.2	.2	.2	.7	.2	.3
March 1993	.3	.3	.2	.1	.3	.3	.2	.1
Subdistrict IB Average								
April 1993	.3	.7	.3	.1	.5	.8	.4	.4
March 1993	.3	.5	.3	.1	.5	.6	.4	.5
Delaware								
April 1993	.2	1.1	.2	.1	.2	1.2	.2	.2
March 1993	.2	.6	.3	.2	.3	.6	.3	.6
District of Columbia								
April 1993	NA	.2	.1	.3	NA	.2	.1	1.6
March 1993	NA	.7	.4	.0	NA	.7	.4	.0
Maryland								
April 1993	.4	.6	.3	.1	.4	.6	.3	.3
March 1993	.6	1.0	.7	.1	.6	1.0	.7	.5
New Jersey								
April 1993	1.8	1.1	1.4	.2	2.3	1.3	1.8	1.1
March 1993	.4	1.6	.8	.3	1.2	2.0	1.9	1.3
New York								
April 1993	.2	2.0	.4	.1	.5	2.1	.6	.4
March 1993	.4	1.1	.4	.1	1.0	1.2	.7	.6
Pennsylvania								
April 1993	.6	.6	.5	.2	.9	.7	.7	.7
March 1993	.4	.8	.4	.2	.8	1.0	.7	.9
Subdistrict IC Average								
April 1993	.2	.8	.2	.2	.4	.8	.3	.7
March 1993	.4	.5	.4	.2	.6	.5	.5	.6
Florida								
April 1993	.6	1.5	.5	.3	1.0	1.3	.9	2.5
March 1993	.3	.6	.3	.2	.6	.8	.5	1.3
Georgia								
April 1993	.3	1.3	.3	.4	.5	1.4	.4	1.5
March 1993	1.8	1.4	1.7	.5	2.3	1.7	2.1	1.7
North Carolina								
April 1993	.4	.6	.4	.2	.5	.7	.5	.8
March 1993	.3	.9	.3	.3	.4	.9	.3	.9
South Carolina								
April 1993	.5	1.7	.5	.3	.8	1.8	.7	.8
March 1993	.8	1.3	.7	.6	1.2	1.4	1.0	1.5

See footnotes at end of table.

**Table 50. Standard Errors of Total Motor Gasoline Prices^a
by Sales Type, PAD District and State (Continued)**
(Cents per Gallon, Excluding Taxes)

Geographic Area Month	Refiner/Reseller				Reseller			
	Sales to End Users			Sales for Resale	Sales to End Users			Sales for Resale
	Through Company Outlets	Other End Users	Average		Through Company Outlets	Other End Users	Average	
Virginia								
April 1993	0.4	1.0	0.4	0.2	0.5	1.0	0.5	0.8
March 1993	.6	1.0	.5	.1	.7	1.1	.7	.7
West Virginia								
April 1993	.3	.5	.3	.6	.7	.8	.6	1.1
March 1993	.3	.9	.3	.4	.9	1.3	.7	.8
PAD District II Average								
April 1993	.1	.6	.1	.1	.2	.7	.2	.2
March 1993	.2	.4	.2	.1	.3	.5	.3	.2
Illinois								
April 1993	.6	3.4	.7	.1	1.0	3.4	1.1	.5
March 1993	.2	1.1	.2	.1	.5	1.1	.4	.8
Indiana								
April 1993	.2	1.2	.3	.4	.4	1.2	.4	1.6
March 1993	.3	1.1	.3	.1	.6	1.1	.5	.7
Iowa								
April 1993	.5	.9	.4	.1	.6	.9	.5	.4
March 1993	.3	.8	.3	.2	.4	.8	.4	.5
Kansas								
April 1993	.4	1.0	.4	.3	.6	.9	.6	.9
March 1993	.5	1.8	.5	.2	.7	1.9	.6	1.0
Kentucky								
April 1993	.8	1.5	.8	.2	1.3	1.8	1.3	.8
March 1993	.3	1.4	.3	.3	.5	1.7	.5	.5
Michigan								
April 1993	.2	.8	.2	.1	.5	1.4	.5	.6
March 1993	.5	1.3	.4	.1	1.2	1.6	1.1	.4
Minnesota								
April 1993	.4	1.1	.4	.3	.9	1.1	.7	1.0
March 1993	.3	1.1	.3	.1	.4	1.1	.4	.4
Missouri								
April 1993	.3	1.0	.3	.3	.5	1.2	.5	.8
March 1993	.5	2.5	.6	.2	.8	2.7	.8	.5
Nebraska								
April 1993	.6	1.3	.6	.2	.7	1.4	.7	.7
March 1993	.7	.8	.6	.3	.8	.8	.7	.9
North Dakota								
April 1993	1.1	1.2	.8	.1	1.1	1.3	.8	.3
March 1993	.7	1.0	.6	.2	.8	1.0	.6	.5
Ohio								
April 1993	.2	.9	.2	.1	.7	1.2	.6	.7
March 1993	.2	.8	.2	.1	.7	1.1	.6	.5
Oklahoma								
April 1993	.4	.7	.4	.5	.6	.5	.6	1.2
March 1993	.4	.9	.4	.2	.6	1.3	.6	.7
South Dakota								
April 1993	.9	1.8	.9	.3	.9	1.9	.9	.8
March 1993	1.0	1.4	.7	.5	1.0	1.4	.8	1.0
Tennessee								
April 1993	.3	1.3	.3	.2	.6	1.4	.6	.9
March 1993	.7	.9	.6	.4	1.3	1.0	1.2	1.1
Wisconsin								
April 1993	.3	1.7	.3	.2	.5	1.7	.5	.5
March 1993	.3	1.0	.3	.3	.5	1.1	.5	.9
PAD District III Average								
April 1993	.2	.9	.3	.2	.4	1.0	.4	.7
March 1993	.2	.7	.2	.2	.3	.8	.4	.8
Alabama								
April 1993	1.1	1.1	1.0	.4	1.3	1.1	1.2	1.2
March 1993	.4	1.1	.4	.3	.5	1.0	.5	1.0
Arkansas								
April 1993	.4	1.3	.6	.4	.4	1.4	.7	1.2
March 1993	.6	2.7	.8	.3	.8	2.8	1.0	1.1

See footnotes at end of table.

**Table 50. Standard Errors of Total Motor Gasoline Prices^a
by Sales Type, PAD District and State (Continued)**
(Cents per Gallon, Excluding Taxes)

Geographic Area Month	Refiner/Reseller				Reseller			
	Sales to End Users			Sales for Resale	Sales to End Users			Sales for Resale
	Through Company Outlets	Other End Users	Average		Through Company Outlets	Other End Users	Average	
Louisiana								
April 1993	0.7	0.8	0.7	0.6	1.1	0.6	1.0	2.0
March 1993	.4	.7	.5	.8	.6	.9	.7	2.6
Mississippi								
April 1993	.7	1.2	.6	.4	.7	1.2	.6	1.2
March 1993	1.0	1.0	.9	.3	1.0	.9	1.0	.9
New Mexico								
April 1993	.7	.8	.6	.4	1.0	.9	.9	1.1
March 1993	.4	1.7	.5	.2	.7	1.8	.7	.8
Texas								
April 1993	.3	1.8	.3	.3	.7	2.0	.7	.9
March 1993	.2	1.3	.3	.4	.7	1.4	.9	1.2
PAD District IV Average								
April 1993	.2	.6	.2	.1	.4	.7	.4	.3
March 1993	.2	1.0	.3	.1	.5	1.1	.5	.3
Colorado								
April 1993	.3	1.5	.3	.1	.6	1.6	.7	.6
March 1993	.4	2.3	.5	.2	.9	2.3	1.0	.5
Idaho								
April 1993	.9	.9	.6	.2	.9	.9	.6	.8
March 1993	.5	.8	.5	.4	.5	.9	.5	1.0
Montana								
April 1993	1.0	.9	.7	.1	1.1	.9	.8	.5
March 1993	2.1	1.0	1.5	.2	2.3	1.1	1.7	.4
Utah								
April 1993	.5	1.0	.5	.2	.8	1.4	.8	.4
March 1993	.6	.8	.6	.1	.9	1.0	.8	.3
Wyoming								
April 1993	.8	1.5	.7	.4	.9	1.6	.8	1.1
March 1993	.8	1.1	.6	.3	.9	1.0	.7	1.0
PAD District V Average								
April 1993	.3	1.6	.4	.1	.7	2.0	.9	.8
March 1993	.3	1.4	.3	.1	.9	1.6	.7	.8
Alaska								
April 1993	1.6	3.0	1.2	.5	7.0	7.6	4.9	1.8
March 1993	9.0	2.3	7.4	1.8	NA	6.0	NA	5.1
Arizona								
April 1993	.4	.5	.5	.3	.7	.6	.8	1.5
March 1993	.2	1.0	.1	.2	.3	1.1	.2	1.5
California								
April 1993	.4	2.4	.7	.2	2.1	2.9	2.1	1.3
March 1993	.5	2.6	.5	.2	1.9	3.1	1.6	1.2
Hawaii								
April 1993	.1	3.3	.4	.1	.2	3.3	1.4	NA
March 1993	.9	2.4	1.8	.1	NA	3.8	1.1	1.6
Nevada								
April 1993	.8	1.3	.8	.1	.9	1.6	.9	1.2
March 1993	.8	2.0	.8	.5	.9	2.4	.9	4.3
Oregon								
April 1993	.7	2.0	.7	.5	1.0	2.1	1.0	2.9
March 1993	.6	1.6	.6	.5	1.0	1.6	.9	2.0
Washington								
April 1993	.3	.8	.3	.3	.9	.8	.7	1.7
March 1993	.3	1.5	.4	.4	.5	1.6	.6	1.5

^a Sales prices shown in Tables 28, 29 and 30.

NA = Not available.

Note: Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual. Standard errors are not additive. Standard errors that are less than 0.1 and greater than zero are displayed as 0.1.

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

**Table 51. Standard Errors of Motor Gasoline Prices^a by Grade,
PAD District, and State**
(Cents per Gallon, Excluding Taxes)

Geographic Area Month	Refiner/Reseller											
	Leaded Regular			Unleaded Regular			Unleaded Midgrade			Premium		
	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
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
U.S. Average												
April 1993	0.3	0.5	0.1	0.1	0.4	0.1	0.1	0.4	0.1	0.2	0.5	0.1
March 1993	.4	.7	.2	.1	.3	.1	.2	.5	.1	.2	.6	.1
PAD District I Average												
April 1993	.7	3.5	.2	.2	.8	.1	.2	.5	.1	.3	.8	.1
March 1993	.0	2.0	NA	.2	.3	.1	.3	.5	.1	.4	.5	.1
Subdistrict IA Average												
April 1993	-	NA	NA	.3	.4	.1	.4	.6	.1	.4	.6	.1
March 1993	-	NA	-	.3	.3	.1	.7	.9	.2	.5	.5	.1
Connecticut												
April 1993	-	-	-	.1	1.8	.1	.3	1.8	.1	.5	1.3	.1
March 1993	-	-	-	.8	1.1	.3	1.4	1.1	.8	.9	1.1	.3
Maine												
April 1993	-	-	-	.3	1.2	.1	.7	1.9	.1	.8	2.4	.1
March 1993	-	-	-	.3	1.1	.4	3.5	3.8	.5	.4	1.3	.1
Massachusetts												
April 1993	-	-	-	.3	.4	.1	.5	.6	.1	.7	1.0	.2
March 1993	-	-	-	.7	.7	.2	.3	.4	.1	.4	.5	.2
New Hampshire												
April 1993	-	-	-	1.5	.7	.1	1.2	.9	.5	1.7	2.5	.8
March 1993	-	-	-	.1	1.0	.2	.3	.1	.2	.5	1.8	.1
Rhode Island												
April 1993	-	-	-	.5	.0	.1	1.9	.0	.1	2.0	.0	.1
March 1993	-	-	-	.7	.0	.1	2.1	.0	.1	2.1	1.0	.1
Vermont												
April 1993	-	NA	NA	.3	1.0	.2	.4	.2	.2	.3	1.0	.3
March 1993	-	NA	-	.3	.4	.1	.3	.3	.1	.3	.8	.1
Subdistrict IB Average												
April 1993	1.3	2.4	1.8	.3	.5	.1	.4	.9	.1	.7	1.5	.1
March 1993	NA	2.3	NA	.2	.5	.1	.3	.6	.1	.4	.7	.1
Delaware												
April 1993	-	-	-	.1	.7	.1	.1	1.0	.1	.2	2.4	.1
March 1993	-	-	-	.2	.5	.1	.3	.9	.2	.3	1.0	.5
District of Columbia												
April 1993	-	-	-	NA	.2	.3	NA	.0	.2	NA	.2	.1
March 1993	-	-	-	NA	.5	.0	NA	.0	.0	NA	1.2	.0
Maryland												
April 1993	-	-	-	.3	.2	.1	.4	2.0	.1	.6	.7	.1
March 1993	-	-	-	.4	.4	.1	.7	2.3	.1	.7	1.2	.1
New Jersey												
April 1993	-	NA	-	1.2	1.0	.2	1.5	.8	.1	3.2	2.0	.2
March 1993	-	NA	NA	.2	1.9	.2	.2	1.3	.3	.2	1.6	.3
New York												
April 1993	.6	1.0	2.2	.2	1.4	.1	.3	2.6	.1	.4	4.0	.3
March 1993	NA	.0	NA	.4	1.2	.1	.6	.5	.1	.3	1.4	.3
Pennsylvania												
April 1993	NA	1.4	NA	.4	.4	.2	.6	.8	.3	.7	1.0	.2
March 1993	-	2.2	-	.4	.7	.2	.3	.8	.2	.6	1.3	.2
Subdistrict IC Average												
April 1993	.1	2.0	NA	.2	1.3	.1	.2	.7	.2	.3	1.0	.2
March 1993	.0	NA	-	.3	.3	.2	.4	.8	.1	.5	.9	.2
Florida												
April 1993	-	-	-	.6	2.8	.3	.4	1.3	.4	.4	2.2	.3
March 1993	-	-	-	.3	.5	.2	.3	1.2	.3	.3	1.8	.2
Georgia												
April 1993	.0	-	-	.2	1.1	.4	.5	1.6	.6	1.1	2.2	.5
March 1993	.0	-	-	1.3	1.1	.5	1.5	2.5	.4	2.1	2.2	.7
North Carolina												
April 1993	NA	NA	NA	.3	.7	.2	.5	1.3	.3	.6	.8	.3
March 1993	NA	-	-	.3	.7	.2	.5	1.4	.3	.7	1.8	.5

See footnotes at end of table.

**Table 51. Standard Errors of Motor Gasoline Prices^a by Grade,
PAD District, and State (Continued)**
(Cents per Gallon, Excluding Taxes)

Geographic Area Month	Refiner/Reseller											
	Leaded Regular			Unleaded Regular			Unleaded Midgrade			Premium		
	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
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
South Carolina												
April 1993	-	-	-	0.5	1.5	0.3	0.9	1.3	0.2	0.7	2.7	0.3
March 1993	-	-	-	.8	1.0	.9	.8	1.1	.4	.9	1.4	.4
Virginia												
April 1993	-	-	-	.3	.7	.2	.4	1.3	.2	.4	1.3	.2
March 1993	-	NA	-	.5	.7	.1	.6	1.5	.2	.5	1.0	.2
West Virginia												
April 1993	-	NA	-	.2	.4	.6	.2	.6	.7	.6	.7	.6
March 1993	-	NA	-	.2	.9	.3	.2	1.2	.5	.7	1.0	.4
PAD District II Average												
April 1993	0.7	0.7	0.4	.2	.7	.1	.1	.7	.2	.2	1.0	.1
March 1993	.8	1.0	.4	.2	.4	.1	.2	.8	.1	.2	.8	.1
Illinois												
April 1993	1.3	2.1	NA	.8	3.8	.1	.5	2.1	.2	.6	2.8	.2
March 1993	1.2	3.2	2.3	.5	1.0	.1	.4	1.9	.1	.4	1.6	.2
Indiana												
April 1993	1.7	1.0	.8	.2	1.1	.4	.3	1.4	.4	.4	2.5	.4
March 1993	1.0	1.5	.9	.3	1.2	.1	.6	1.4	.2	.4	1.6	.2
Iowa												
April 1993	.7	.7	1.1	.5	.9	.1	.8	3.3	.4	.5	1.0	.2
March 1993	.5	.5	.7	.3	.9	.2	.8	2.8	1.0	.4	2.4	.3
Kansas												
April 1993	1.5	-	1.5	.4	1.1	.2	.6	1.7	.8	.6	.7	.4
March 1993	2.4	.5	1.4	.5	2.2	.2	.5	3.1	.1	.7	2.7	.3
Kentucky												
April 1993	NA	NA	.0	.6	1.2	.2	1.0	1.5	.2	.9	2.5	.3
March 1993	NA	NA	NA	.2	.8	.2	.4	1.7	.3	.4	1.8	.4
Michigan												
April 1993	1.5	2.5	.7	.3	.8	.1	.3	2.2	.2	.4	1.1	.2
March 1993	1.5	1.3	1.1	.5	1.5	.1	.7	2.4	.1	.6	1.9	.1
Minnesota												
April 1993	.7	.9	1.1	.4	.7	.3	.8	1.9	1.7	.6	2.4	.6
March 1993	.7	2.6	.7	.3	.8	.1	.4	1.0	.3	.8	2.3	.2
Missouri												
April 1993	5.0	2.4	1.2	.3	.9	.3	.5	2.1	.4	.5	2.1	.3
March 1993	1.5	1.3	NA	.4	2.0	.3	.5	3.2	.3	.7	8.3	.2
Nebraska												
April 1993	1.6	.8	.2	.6	1.7	.2	.6	1.2	.4	.8	1.2	.2
March 1993	1.1	1.4	.3	.7	.9	.3	.4	NA	.2	.5	2.3	.2
North Dakota												
April 1993	1.9	.5	.7	1.1	1.2	.1	.6	2.4	.2	1.3	1.8	.3
March 1993	.5	1.2	.6	.7	1.0	.2	.8	.8	.3	1.3	1.2	.4
Ohio												
April 1993	NA	NA	NA	.2	.8	.1	.2	1.6	.3	.3	1.1	.2
March 1993	5.6	NA	NA	.2	.9	.1	.3	1.3	.1	.5	1.0	.1
Oklahoma												
April 1993	.0	-	.0	.4	.9	.4	.3	3.8	.8	.9	1.1	.7
March 1993	1.5	-	1.1	.4	1.0	.2	.4	1.4	.5	.6	1.1	.3
South Dakota												
April 1993	.7	1.2	.9	1.0	2.3	.3	2.6	1.9	1.0	3.4	.8	.4
March 1993	.5	2.1	.2	.9	2.3	.6	.4	NA	.6	1.3	2.6	.2
Tennessee												
April 1993	NA	-	-	.3	1.0	.2	.3	1.5	.3	.4	2.2	.4
March 1993	NA	-	-	.3	.6	.3	.6	1.3	.5	.7	2.0	.7
Wisconsin												
April 1993	1.1	1.6	.7	.4	1.4	.2	.7	2.5	.3	.3	2.6	.2
March 1993	2.4	2.6	2.5	.3	1.0	.3	.3	2.4	.5	.5	3.3	.3
PAD District III Average												
April 1993	.9	1.5	.4	.2	1.1	.1	.4	1.1	.3	.3	1.2	.3
March 1993	.4	3.1	.2	.2	.8	.2	.2	1.2	.4	.2	1.3	.4

See footnotes at end of table.

**Table 51. Standard Errors of Motor Gasoline Prices^a by Grade,
PAD District, and State (Continued)**
(Cents per Gallon, Excluding Taxes)

Geographic Area Month	Refiner/Reseller											
	Leaded Regular			Unleaded Regular			Unleaded Midgrade			Premium		
	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
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
Alabama												
April 1993	NA	-	-	0.8	1.2	0.3	1.3	1.5	0.4	1.8	2.0	0.6
March 1993	NA	-	-	.5	.9	.3	.5	1.2	.3	.5	1.1	.3
Arkansas												
April 1993	NA	-	NA	.4	1.4	.3	.7	1.5	.6	.9	2.2	.6
March 1993	2.8	NA	NA	.5	2.6	.3	.7	4.9	.4	.9	1.4	.4
Louisiana												
April 1993	.5	-	-	.6	1.0	.4	.7	1.8	.7	1.1	1.4	1.0
March 1993	NA	NA	-	.3	1.4	.6	.5	1.6	1.1	.7	NA	1.2
Mississippi												
April 1993	NA	-	-	.6	1.3	.3	1.5	1.1	.4	.8	1.8	.5
March 1993	NA	-	-	1.0	1.1	.2	.6	1.8	.3	1.0	.9	.5
New Mexico												
April 1993	.5	1.6	0.4	.7	.8	.4	1.0	.3	.3	1.4	.8	.5
March 1993	.4	2.3	.3	.4	1.8	.2	1.0	.4	.1	.4	.5	.2
Texas												
April 1993	.8	2.2	.5	.4	2.0	.2	.4	2.5	.5	.3	2.9	.5
March 1993	.1	.5	.0	.2	1.5	.3	.2	2.0	.7	.2	1.4	.7
PAD District IV Average												
April 1993	.4	.7	.1	.2	.7	.1	.3	.8	.2	.4	.8	.1
March 1993	.4	1.0	.2	.2	1.0	.1	.3	.9	.1	.5	1.7	.1
Colorado												
April 1993	.7	2.2	.4	.3	1.7	.2	.3	.4	.3	.3	1.2	.2
March 1993	.8	2.3	.5	.3	2.2	.2	.3	.6	.1	.9	3.2	.2
Idaho												
April 1993	.8	.9	.2	.8	1.1	.2	.3	NA	.1	1.4	1.0	.2
March 1993	.7	1.2	.6	.5	.9	.5	NA	NA	NA	.5	1.3	.2
Montana												
April 1993	.8	1.2	.2	1.2	.9	.1	NA	NA	-	1.3	1.4	.1
March 1993	2.3	NA	.2	2.3	1.0	.1	NA	NA	-	3.0	1.7	.3
Utah												
April 1993	.6	NA	.2	.5	.9	.2	.7	-	.6	.7	1.2	.3
March 1993	1.1	.9	.2	.6	.8	.1	.5	NA	.1	.5	.8	.1
Wyoming												
April 1993	1.0	1.7	.3	.8	1.6	.6	.8	NA	NA	.8	2.0	.2
March 1993	.9	1.4	.3	.7	1.0	.2	2.5	-	NA	1.2	1.3	.3
PAD District V Average												
April 1993	.3	1.1	.2	.3	1.6	.1	.5	1.8	.2	.2	1.7	.1
March 1993	.5	1.4	.2	.4	1.4	.1	.5	2.3	.3	.3	1.9	.1
Alaska												
April 1993	.7	2.0	.1	1.8	4.0	.5	-	-	-	1.1	.6	.8
March 1993	7.1	NA	1.8	NA	1.6	2.1	-	-	-	1.5	.5	.1
Arizona												
April 1993	.3	.9	.3	.3	.8	.3	2.6	.1	1.7	.4	.5	.4
March 1993	.3	1.0	.2	.2	.9	.2	.9	NA	.6	.2	2.3	.2
California												
April 1993	NA	-	1.9	.5	2.3	.1	.5	2.0	.2	.3	2.3	.1
March 1993	NA	NA	1.3	.5	2.6	.1	.5	2.7	.3	.4	2.7	.2
Hawaii												
April 1993	-	-	-	.1	4.3	.2	.1	1.2	.1	.1	3.2	.1
March 1993	-	-	-	.8	2.2	.1	.8	.7	.1	1.0	3.4	.1
Nevada												
April 1993	4.1	NA	.1	.9	1.3	.1	.3	.7	.2	.7	.5	.1
March 1993	5.1	-	1.6	.9	2.3	.5	.4	.2	.7	.8	1.7	.6
Oregon												
April 1993	.6	1.9	.5	.8	1.9	.5	NA	-	-	.8	2.2	.4
March 1993	.9	1.5	.5	.7	1.7	.5	NA	NA	NA	.7	1.5	.5
Washington												
April 1993	.5	1.1	.2	.3	.9	.3	.1	NA	1.4	.5	1.3	.2
March 1993	.4	2.5	.4	.5	1.4	.4	NA	NA	.1	.3	2.9	.4

^a Sales prices shown in Tables 28 and 29.

Dashes (-) = No data reported.

NA = Not available.

Note: Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual. Standard errors are not additive. Standard errors that are less than 0.1 and greater than zero are displayed as 0.1.

**Table 52. Standard Errors of No. 2 Distillate Prices^a by Sales Type,
PAD District, and Selected States**
(Cents per Gallon, Excluding Taxes)

Geographic Area Month	Sales to End Users						Sales for Resale
	To Residential Consumers ^b	To Commercial/ Institutional Consumers	To Industrial Consumers	Sales Through Company Outlets ^c	To Other End Users	Average	
U.S. Average							
April 1993	0.5	0.2	0.6	0.3	0.4	0.3	0.1
March 1993	.5	.5	.9	.3	.5	.7	.1
PAD District I Average							
April 1993	.6	.3	.7	.4	.8	.5	.1
March 1993	.6	.4	.6	.6	.7	.8	.1
Subdistrict IA Average							
April 1993	.8	.6	.5	.3	.6	.9	.1
March 1993	.7	.7	.4	1.6	1.0	1.2	.1
Connecticut							
April 1993	1.5	1.0	1.0	1.3	2.1	1.5	.3
March 1993	1.2	1.1	.4	1.2	4.6	1.2	.2
Maine							
April 1993	1.2	.6	1.0	.2	.7	.7	.1
March 1993	1.0	.4	.2	.1	.5	.8	.1
Massachusetts							
April 1993	1.3	1.2	.9	.7	.5	2.0	.1
March 1993	1.1	1.0	1.3	.9	.6	2.8	.1
New Hampshire							
April 1993	1.5	1.4	2.0	.7	2.7	1.2	.4
March 1993	.9	.8	1.9	1.0	2.5	.7	.1
Rhode Island							
April 1993	3.0	.7	1.3	.9	.1	2.4	.1
March 1993	2.1	1.8	1.0	1.1	.0	1.7	.1
Vermont							
April 1993	.7	1.3	.8	.9	2.3	.7	.1
March 1993	1.0	.6	.6	1.4	1.4	1.2	.1
Subdistrict IB Average							
April 1993	1.0	.6	1.4	.5	.8	.8	.2
March 1993	.8	.7	1.2	.5	1.1	1.0	.1
Delaware							
April 1993	.4	.4	.5	1.6	1.5	.7	.2
March 1993	.6	.4	.8	.1	1.0	.8	.1
District of Columbia							
April 1993	1.1	.7	NA	NA	1.4	.8	.1
March 1993	.5	.1	NA	NA	.0	.3	.1
Maryland							
April 1993	1.3	.6	.9	.5	1.5	1.0	.2
March 1993	.5	.6	.8	.4	.9	.9	.1
New Jersey							
April 1993	1.6	1.2	.3	1.3	1.7	1.8	.1
March 1993	3.0	1.4	1.0	.2	NA	2.3	.1
New York							
April 1993	1.9	1.6	4.8	1.6	.6	1.6	.5
March 1993	.7	1.1	4.3	.9	1.1	1.4	.2
Pennsylvania							
April 1993	1.2	.8	1.2	.5	1.9	.7	.1
March 1993	1.0	.9	1.5	.8	3.1	.9	.1
Subdistrict IC Average							
April 1993	1.1	.5	.8	.7	1.2	.4	.2
March 1993	1.2	.4	.6	.5	.9	2.3	.1
Virginia							
April 1993	.6	1.2	1.7	.4	1.7	.7	.1
March 1993	1.5	.8	2.1	.9	1.3	1.3	.1
West Virginia							
April 1993	2.0	.3	.5	.9	.7	.3	.3
March 1993	1.8	.4	.7	.3	1.4	.5	.1
PAD District II Average							
April 1993	.5	.3	.7	.4	.5	.4	.1
March 1993	.4	.2	.7	.2	.6	.2	.1
Illinois							
April 1993	1.8	.8	2.2	.5	1.3	.8	.2
March 1993	2.3	1.2	2.3	.4	1.1	.9	.3

See footnotes at end of table.

Table 52. Standard Errors of No. 2 Distillate Prices^a by Sales Type, PAD District, and Selected States (Continued)
(Cents per Gallon, Excluding Taxes)

Geographic Area Month	Sales to End Users						Sales for Resale
	To Residential Consumers ^b	To Commercial/ Institutional Consumers	To Industrial Consumers	Sales Through Company Outlets ^c	To Other End Users	Average	
Indiana							
April 1993	2.2	0.6	1.4	1.5	1.8	1.0	0.2
March 1993	.9	.4	1.1	.6	1.6	.6	.1
Michigan							
April 1993	1.2	1.2	.9	1.5	1.8	.9	.5
March 1993	1.3	.8	1.6	.8	2.2	.8	.2
Minnesota							
April 1993	1.3	1.4	2.1	1.2	1.6	.7	.2
March 1993	1.3	.8	1.2	.9	1.1	.6	.2
Ohio							
April 1993	.6	.8	1.2	.3	3.0	.6	.2
March 1993	.7	.6	1.2	.5	2.7	.5	.1
Wisconsin							
April 1993	1.2	1.7	1.8	1.2	1.7	.7	.2
March 1993	.8	.8	1.1	.8	1.5	.6	.3
PAD District III Average							
April 1993	1.9	.5	1.1	.5	1.4	.5	.1
March 1993	NA	.7	2.3	1.0	1.3	1.5	.1
PAD District IV Average							
April 1993	1.6	1.5	.6	1.8	.8	1.2	.2
March 1993	2.1	1.0	1.7	.8	1.0	.5	.1
Idaho							
April 1993	2.9	1.2	2.1	1.6	1.2	1.1	.1
March 1993	2.7	1.1	.4	1.1	1.4	1.0	.4
PAD District V Average							
April 1993	1.3	.6	1.5	.6	.8	.5	.1
March 1993	1.7	.6	1.0	.8	1.3	.6	.2
Alaska							
April 1993	2.4	2.2	.4	4.1	.8	1.6	.8
March 1993	1.3	1.5	3.0	1.6	.6	1.1	1.4
Oregon							
April 1993	1.1	.7	2.2	1.2	1.2	.6	.2
March 1993	1.4	.9	1.5	1.6	2.8	.9	.2
Washington							
April 1993	2.3	1.6	2.6	1.7	2.4	1.1	.1
March 1993	2.5	.7	1.3	.9	1.1	1.8	.6

^a Sales prices shown in Table 38.

^b No. 2 fuel oil only.

^c No. 2 diesel fuel only.

NA = Not available.

Note: Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual. Standard errors are not additive. Standard errors that are less than 0.1 and greater than zero are displayed as 0.1.

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

**Table 53. Standard Errors of No. 2 Fuel Oil Prices,^a by Sales Type,
PAD District, and Selected States**
(Cents per Gallon, Excluding Taxes)

Geographic Area Month	Sales to End Users					Sales for Resale
	To Residential Consumers	To Commercial/ Institutional Consumers	To Industrial Consumers	To Other End Users	Average	
U.S. Average						
April 1993	0.5	0.5	0.5	0.5	0.6	0.1
March 1993	.5	.5	.5	.7	.7	.1
PAD District I Average						
April 1993	.6	.7	.6	.6	.6	.1
March 1993	.6	.6	.7	1.0	.8	.1
Subdistrict IA Average						
April 1993	.8	.7	.6	.3	.9	.1
March 1993	.7	.9	.5	.4	1.1	.1
Connecticut						
April 1993	1.5	1.6	1.2	.7	1.6	.3
March 1993	1.2	1.4	.6	1.0	1.3	.2
Maine						
April 1993	1.2	.7	.5	NA	.8	.2
March 1993	1.0	.3	.1	NA	.6	.1
Massachusetts						
April 1993	1.3	1.5	1.4	.4	1.7	.1
March 1993	1.1	1.3	1.8	.6	2.5	.1
New Hampshire						
April 1993	1.5	1.4	2.1	NA	1.4	.1
March 1993	.9	.9	2.2	NA	.8	.1
Rhode Island						
April 1993	3.0	1.4	2.8	.0	2.8	.1
March 1993	2.1	2.5	2.4	NA	1.8	.1
Vermont						
April 1993	.7	2.6	1.4	NA	.6	.1
March 1993	1.0	.6	.3	2.1	1.1	.1
Subdistrict IB Average						
April 1993	1.0	1.4	.6	.6	.9	.2
March 1993	.8	.9	1.1	1.6	1.0	.1
Delaware						
April 1993	.4	.5	.7	.1	.4	.3
March 1993	.6	.4	.5	.0	.7	.1
District of Columbia						
April 1993	1.1	.5	-	NA	1.4	.0
March 1993	.5	.1	NA	NA	.3	.1
Maryland						
April 1993	1.3	1.0	1.5	1.9	1.3	.1
March 1993	.5	.9	.4	.1	.8	.1
New Jersey						
April 1993	1.6	3.4	.1	1.1	1.8	.1
March 1993	3.0	3.9	.9	NA	2.7	.1
New York						
April 1993	1.9	3.0	1.0	1.0	1.7	.6
March 1993	.7	1.5	.2	2.8	1.3	.2
Pennsylvania						
April 1993	1.2	1.8	1.5	2.0	1.0	.1
March 1993	1.0	1.3	2.5	4.7	1.0	.1
Subdistrict IC Average						
April 1993	1.1	.8	1.6	1.1	.8	.1
March 1993	1.2	1.2	1.3	1.4	3.9	.1
Virginia						
April 1993	.6	1.7	2.7	1.6	1.3	.1
March 1993	1.5	1.1	2.3	2.3	1.5	.1
West Virginia						
April 1993	2.0	1.4	.3	.9	1.1	.2
March 1993	1.8	.7	.7	.6	1.6	.1
PAD District II Average						
April 1993	.5	.9	1.1	1.2	.6	.1
March 1993	.4	.5	.8	1.5	.6	.1
Illinois						
April 1993	1.8	1.3	.6	2.9	.9	.1
March 1993	2.3	1.3	.9	2.0	1.5	.1

See footnotes at end of table.

**Table 53. Standard Errors of No. 2 Fuel Oil Prices,^a by Sales Type,
PAD District, and Selected States (Continued)**
(Cents per Gallon, Excluding Taxes)

Geographic Area Month	Sales to End Users					Sales for Resale
	To Residential Consumers	To Commercial/ Institutional Consumers	To Industrial Consumers	To Other End Users	Average	
Indiana						
April 1993	2.2	1.4	0.6	4.8	1.1	0.1
March 1993	.9	.7	.7	1.5	.9	.1
Michigan						
April 1993	1.2	1.3	1.2	1.1	1.7	.4
March 1993	1.3	1.4	4.8	2.3	1.1	.3
Minnesota						
April 1993	1.3	3.9	3.2	2.2	1.8	.4
March 1993	1.3	1.7	1.2	1.7	1.0	.1
Ohio						
April 1993	.6	3.4	2.6	1.6	1.3	.1
March 1993	.7	1.6	1.6	.6	1.2	.1
Wisconsin						
April 1993	1.2	1.9	4.4	NA	1.1	.2
March 1993	.8	1.7	3.1	1.4	1.0	.5
PAD District III Average						
April 1993	1.9	.0	1.5	.3	.7	.1
March 1993	NA	.1	.4	.1	.2	.0
PAD District IV Average						
April 1993	1.6	1.0	NA	1.1	1.1	.1
March 1993	2.1	.6	NA	.2	2.4	.1
Idaho						
April 1993	2.9	1.7	-	NA	2.2	.1
March 1993	2.7	NA	-	NA	2.6	.1
PAD District V Average						
April 1993	1.3	1.8	1.5	1.1	1.4	.2
March 1993	1.7	2.8	1.5	.7	1.8	.8
Alaska						
April 1993	2.4	4.2	3.1	NA	2.1	NA
March 1993	1.3	3.0	NA	NA	1.3	1.9
Oregon						
April 1993	1.1	2.7	NA	NA	1.2	.1
March 1993	1.4	2.3	NA	1.4	1.2	.1
Washington						
April 1993	2.3	.8	1.0	2.0	2.5	.1
March 1993	2.5	.1	.0	.1	2.6	.3

^a Sales prices shown in Table 39.

Dashes (-) = No data reported.

NA = Not available.

Note: Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual. Standard errors are not additive. Standard errors that are less than 0.1 and greater than zero are displayed as 0.1.

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

Table 54. Standard Errors of Residual Fuel Oil Prices,^a by PAD District and Selected States
(Cents per Gallon, Excluding Taxes)

Geographic Area Month	Residual Fuel Oil Sulfur Content Less Than or Equal to 1 Percent		Residual Fuel Oil Sulfur Content 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
U.S. Average						
April 1993	0.4	0.1	0.1	0.1	0.2	0.1
March 1993	1.0	.4	1.4	.8	1.2	.4
PAD District I Average						
April 1993	.5	.1	.1	.0	.3	.1
March 1993	1.2	.5	2.1	2.8	1.6	.6
Subdistrict IA Average						
April 1993	.1	.0	.2	.0	.1	.0
March 1993	.5	.0	.2	.0	.5	.0
Connecticut						
April 1993	.0	NA	NA	-	.2	NA
March 1993	.0	NA	NA	-	.0	NA
Maine						
April 1993	.1	NA	.0	.0	.1	.0
March 1993	.0	NA	.0	.0	.0	NA
Massachusetts						
April 1993	.0	.0	.0	.0	.0	.0
March 1993	1.0	.0	.4	.0	1.0	.0
New Hampshire						
April 1993	NA	-	.0	NA	.0	NA
March 1993	.0	-	.0	NA	.0	NA
Rhode Island						
April 1993	.0	NA	NA	-	.0	NA
March 1993	.5	.0	NA	-	.4	.0
Subdistrict IB Average						
April 1993	.7	.1	.2	.0	.6	.1
March 1993	1.7	.6	5.1	3.9	2.7	.7
Delaware						
April 1993	.1	NA	.1	NA	.1	NA
March 1993	.1	NA	.0	-	.1	NA
Maryland						
April 1993	NA	NA	.1	NA	.1	.1
March 1993	NA	.1	.0	NA	.0	.1
New Jersey						
April 1993	.1	.0	.0	.0	.1	.0
March 1993	.1	.6	.0	.0	.1	.7
New York						
April 1993	.9	.1	.4	.0	.9	.1
March 1993	2.5	.7	7.1	.5	3.6	.6
Pennsylvania						
April 1993	1.1	.0	.1	.0	.7	.0
March 1993	1.2	.0	.1	.0	.8	.0
Subdistrict IC Average						
April 1993	.1	NA	.1	.0	.1	.0
March 1993	.1	NA	.1	.0	.1	.0
Florida						
April 1993	.0	NA	.0	NA	.0	.0
March 1993	.0	NA	.0	NA	.0	.0
Georgia						
April 1993	-	-	.1	NA	.1	NA
March 1993	NA	-	.0	-	.0	-
North Carolina						
April 1993	NA	-	.0	NA	.0	NA
March 1993	.1	-	.1	NA	.1	NA
South Carolina						
April 1993	NA	-	NA	-	NA	-
March 1993	NA	-	NA	-	NA	-
Virginia						
April 1993	.3	NA	.0	.0	.1	.0
March 1993	1.3	NA	.2	NA	.2	NA
PAD District II Average						
April 1993	.8	.0	.0	.0	.3	.0
March 1993	.2	.0	.0	.0	.3	.0

See footnotes at end of table.

Table 54. Standard Errors of Residual Fuel Oil Prices,^a by PAD District and Selected States (Continued)
(Cents per Gallon, Excluding Taxes)

Geographic Area Month	Residual Fuel Oil Sulfur Content Less Than or Equal to 1 Percent		Residual Fuel Oil Sulfur Content 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
Illinois						
April 1993	0.0	0.0	NA	NA	0.0	0.0
March 1993	2.5	NA	NA	NA	1.0	NA
Indiana						
April 1993	.0	NA	0.0	0.0	.0	.0
March 1993	.0	NA	NA	NA	.0	NA
Michigan						
April 1993	1.1	.0	.0	NA	1.1	.0
March 1993	.4	NA	NA	NA	.1	.0
Minnesota						
April 1993	NA	-	.0	NA	.0	NA
March 1993	NA	-	.0	NA	.0	NA
Ohio						
April 1993	NA	NA	.0	NA	.0	NA
March 1993	NA	NA	.0	NA	.0	NA
PAD District III Average						
April 1993	NA	.1	.1	.0	.1	.1
March 1993	NA	.0	.1	.0	.1	.0
Alabama						
April 1993	NA	-	.0	NA	.1	NA
March 1993	-	NA	.0	NA	.0	NA
Louisiana						
April 1993	NA	.0	.1	.0	.1	.0
March 1993	NA	NA	.1	.0	.1	.0
Mississippi						
April 1993	-	NA	NA	NA	NA	.0
March 1993	-	-	NA	NA	NA	NA
Texas						
April 1993	-	.1	.1	.0	.1	.1
March 1993	-	.0	.0	.0	.0	.0
PAD District IV Average						
April 1993	NA	.0	.0	NA	.0	.0
March 1993	NA	.0	.1	.0	.5	.0
PAD District V Average						
April 1993	.1	.2	.1	.1	.1	.1
March 1993	.1	.5	.1	.3	.1	.2
California						
April 1993	NA	.2	.0	.1	.1	.1
March 1993	.0	.5	.1	.4	.1	.3
Hawaii						
April 1993	NA	NA	.0	.0	.0	NA
March 1993	NA	-	.0	NA	.0	NA
Oregon						
April 1993	NA	-	.0	.0	.1	.0
March 1993	NA	-	.0	.0	.1	.0
Washington						
April 1993	NA	-	.1	.0	.1	.0
March 1993	-	-	.0	NA	.0	NA

^a Sales prices shown in Table 41.

Dashes (-) = No data reported.

NA = Not available.

Note: Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual. Standard errors are not additive. Standard errors that are less than 0.1 and greater than zero are displayed as 0.1.

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

Table 55. Response Rate by Entity, PAD District, and State
(Percent)

Geographic Area	Refiners		Resellers and Retailers		Suppliers	
	April 1993	March 1993	April 1993	March 1993	April 1993	March 1993
U.S. Average	98.7	99.7	93.7	92.9	99.3	99.9
PAD District I Average	97.9	99.6	95.3	93.9	99.0	100.0
Subdistrict IA Average	96.7	99.1	95.3	93.6	99.2	100.0
Connecticut	91.3	95.8	96.8	94.3	100.0	100.0
Maine	100.0	100.0	94.2	92.4	97.4	100.0
Massachusetts	95.6	100.0	94.5	93.2	100.0	100.0
New Hampshire	100.0	100.0	93.3	93.5	100.0	100.0
Rhode Island	95.2	100.0	96.8	93.0	97.4	100.0
Vermont	100.0	100.0	96.5	95.2	100.0	100.0
Subdistrict IB Average	96.8	99.4	95.3	94.2	98.2	100.0
Delaware	100.0	100.0	98.1	98.1	100.0	100.0
District of Columbia	100.0	100.0	96.7	96.3	100.0	100.0
Maryland	96.1	100.0	96.1	97.0	97.9	100.0
New Jersey	93.5	96.7	95.0	90.6	96.5	100.0
New York	97.0	100.0	92.9	91.9	100.0	100.0
Pennsylvania	97.2	100.0	96.2	94.8	96.7	100.0
Subdistrict IC Average	99.5	100.0	95.3	93.8	99.7	100.0
Florida	100.0	100.0	96.4	95.6	100.0	100.0
Georgia	100.0	100.0	94.3	94.9	100.0	100.0
North Carolina	100.0	100.0	95.1	92.6	100.0	100.0
South Carolina	100.0	100.0	91.9	90.1	100.0	100.0
Virginia	97.5	100.0	96.6	94.1	100.0	100.0
West Virginia	100.0	100.0	97.3	96.9	97.4	100.0
PAD District II Average	99.4	99.6	93.6	93.0	99.6	100.0
Illinois	97.3	100.0	93.9	94.9	100.0	100.0
Indiana	100.0	100.0	94.1	98.1	100.0	100.0
Iowa	100.0	100.0	93.6	96.1	100.0	100.0
Kansas	100.0	100.0	88.9	92.4	98.1	100.0
Kentucky	100.0	100.0	94.9	94.8	100.0	100.0
Michigan	96.7	96.5	94.5	92.4	100.0	100.0
Minnesota	100.0	100.0	92.5	91.8	100.0	100.0
Missouri	100.0	97.3	89.5	88.6	100.0	100.0
Nebraska	100.0	100.0	91.1	93.9	100.0	100.0
North Dakota	100.0	100.0	93.2	90.0	100.0	100.0
Ohio	97.3	100.0	97.0	92.2	98.2	100.0
Oklahoma	100.0	100.0	93.1	93.0	100.0	100.0
South Dakota	100.0	100.0	96.0	91.3	100.0	100.0
Tennessee	100.0	100.0	98.9	92.5	100.0	100.0
Wisconsin	100.0	100.0	92.9	90.7	97.6	100.0
PAD District III Average	99.3	100.0	93.3	92.5	99.1	99.7
Alabama	100.0	100.0	97.7	92.8	100.0	100.0
Arkansas	97.4	100.0	91.3	94.5	100.0	100.0
Louisiana	100.0	100.0	91.8	90.9	98.3	100.0
Mississippi	100.0	100.0	92.5	91.7	98.0	100.0
New Mexico	100.0	100.0	91.5	89.6	100.0	100.0
Texas	98.6	100.0	93.9	94.0	98.9	99.0
PAD District IV Average	99.2	100.0	90.4	88.9	100.0	100.0
Colorado	100.0	100.0	92.1	92.4	100.0	100.0
Idaho	100.0	100.0	89.8	91.1	100.0	100.0
Montana	100.0	100.0	90.2	84.9	100.0	100.0
Utah	96.0	100.0	86.4	84.6	100.0	100.0
Wyoming	100.0	100.0	93.1	90.4	100.0	100.0
PAD District V Average	97.5	100.0	90.6	91.6	99.0	99.5
Alaska	93.8	100.0	87.5	81.5	94.4	100.0
Arizona	100.0	100.0	91.2	97.7	100.0	100.0
California	97.4	100.0	91.4	92.8	100.0	100.0
Hawaii	100.0	100.0	75.0	100.0	100.0	100.0
Nevada	95.4	100.0	91.7	86.1	96.4	100.0
Oregon	100.0	100.0	90.3	93.3	100.0	96.5
Washington	95.2	100.0	91.6	90.8	100.0	100.0

Note: Values shown for the current month are preliminary. Values shown for previous month 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," EIA-782B, "Reseller/Retailers' Monthly Petroleum Product Sales Report," and EIA-782C, "Monthly Report of Petroleum Products Sold into States for Consumption."

Explanatory Notes

Explanatory Notes

The EIA-782 Survey

Background

The EIA-782 survey was implemented to fulfill the data requirements necessary to meet Energy Information Administration (EIA) legislative mandates and user community data needs. The requirements include petroleum product price, market distribution, demand (or sales), and product supply data, which are needed for a complete evaluation of petroleum market performance. In the past, these data requirements were fulfilled through the following surveys:

- EIA-460: "Petroleum Industry Monthly Report for Product Prices"
- EIA-9A: "No. 2 Distillate Price Monitoring Report"
- EIA-25: "Prime Supplier's Monthly Report"
- FEA-P306: "Refiner/Importer Monthly Report of Petroleum Product Distribution"
- FEA-P314: "Monthly Survey of Distillate and Residual Fuel Oil Sales to Ultimate Consumers"
- FEA-P315: "Monthly Survey of Propane Sales Volume to Ultimate Consumers"
- SG-1, 2, 4, and 7: "Survey of Gallonage Sales of Gasoline."

The President's Executive Order 12287 on decontrol in January 1981, and the expiration of the Emergency Petroleum Allocation Act (EPAA) on September 30, 1981, brought changes in EIA's legislative mandates and data requirements. These changes, along with EIA's previous commitment to consolidate its data collection, motivated the development of an EIA survey which eliminated regulatory data elements and integrated, consolidated, and continued the collection of basic statistical elements from previous forms.

Comments solicited from the petroleum industry and data users led to the development of this new consolidated survey--the Form EIA-782 series, which includes the Form EIA-782A, *Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report*, Form EIA-782B, *Reseller/Retailers' Monthly Petroleum Prod-*

uct Sales Report, and Form EIA-782C, *Monthly Report of Petroleum Products Sold into States for Consumption*.

The Form EIA-782A replaced the refiner and gas plant operator portion of the Form EIA-460. Major changes include deleting 10 product categories and redefining and regrouping other product categories formerly on the Form EIA-460 survey, shifting reporting from a national to a State-specific basis, and revising respondent lists and respondent groupings used for publication. The Form EIA-782A collects refiner and gas plant operator monthly price and volume data on a State level for various petroleum products for retail and wholesale marketing categories, with more detailed retail customer sales categories for No. 2 distillate.

The Form EIA-782B replaced the nonrefiner portions of the Form EIA-9A and the Form EIA-460. Major changes to the Form EIA-9A included deleting purchase, inventory, storage capacity, and tax data; regrouping customer sales categories; and revising the frame and sample.

The Form EIA-782C replaced Form EIA-25. Changes made include deletion of some product categories and the regrouping of others.

Discussion of Sample Design

The Form EIA-782A was sent to a census of refiners and gas plant operators. Respondents were selected with certainty due to their small number and because of the relative size of their sales volume.

The Form EIA-782B was sent to a scientifically selected sample of motor gasoline resellers, and distillate and residual fuel oil resellers and retailers. The Form EIA-863, "Petroleum Product Sales Identification Survey," served as the basis of the sampling frame of dealers. Information obtained from the Form EIA-863 was supplemented with information from the Form EIA-821, "Annual Fuel Oil and Kerosene Sales Report," to provide separate stratification schemes that vary by product and State. Dealers selling in four or more States and company/State units comprising 5 percent or more of sales in that State were selected with certainty. The remaining company/State units on

the frame were stratified within geographic area and sales type by urban/rural designation and volume of product sales. The geographic areas were defined as (a) the 24 States in which No. 2 distillate was a significant heating source and 51 States for residual and motor gasoline, or as (b) the PAD Districts for districts where not all State estimates are provided. The type-of-sale classifications were retail and resale for motor gasoline and residual fuel oil, and residential and non-residential retail and wholesale for distillate. Three volume-of-sales classifications (zero, low, and high) were defined with volume boundaries and numbers of strata, differing by State, sales type, and product.

The design of the EIA-782B sample was based on seven target variables: total retail motor gasoline, total wholesale motor gasoline, residential No. 2 fuel oil, other retail No. 2 fuel oil, total wholesale No. 2 fuel oil, total retail residual fuel oil, and total wholesale residual fuel oil. The required level of accuracy for each target variable was defined by a volume coefficient of variation (CV) of 15 percent for No. 2 distillate and 10 percent for motor gasoline and residual fuel oil, determined at the publishable State level (24 States for distillate, 51 for motor gasoline and residual). Studies on the relationship of volume CV to price CV have shown that this will produce price CVs of less than 1 percent. The reliability of current month estimates will vary from these goals due to the deterioration of the frame over time and the changing distributions of price and volume.

The samples resulting from the separate stratification schemes were combined by means of a linked-selection procedure designed to maximize the overlap among samples. This procedure produced a sample size of approximately 2,788 companies. Each company selected was required to file completed survey forms for all States in which it had petroleum sales.

The Form EIA-782C was sent to all prime suppliers of any of the selected products on the EIA-782C. A prime supplier is a firm that produces, imports, or transports any of the selected petroleum products across State boundaries and local marketing areas and sells the product to local distributors, local retailers, or end users. They were selected with certainty due to their small number and the relative size of their sales volumes.

Discussion of the Sampling Frame

The Form EIA-782A mailing list consisted of all companies included on the mailing lists for the Form EIA-87, "Refiners Report," and the Form EIA-64, "Natural Gas Liquids Operations Report," in addition to those companies identified as refiners or gas plant operators on the Form EIA-460, "Petroleum Industry Monthly Report for Product Prices," name and address

file. The records from these combined files provided comprehensive coverage of the target population of refiners and gas plant operators. Currently, there are 161 companies responding to the EIA-782A.

The EIA-863 data base provided the sampling frame for the EIA-782B survey. The EIA-863, "Petroleum Product Sales Identification Survey," was mailed to approximately 27,000 companies in January 1989, in order to collect 1988 State level sales volume data for No. 2 distillate, residual, and motor gasoline. The No. 2 distillate data were further identified by residential/nonresidential end-use and non-end-use sales, while the residual and motor gasoline data were identified by end-use and non-end-use sales. The mailing list for the EIA-863 survey was constructed by merging and unduplicating the previous master frame file and approximately 47 State and commercial lists.

Data from the 1988 EIA-821, "Annual Fuel Oil and Kerosene Sales Report" survey were merged with data from the EIA-863 survey to yield a combined file. A transformed and edited version of this file was created to form the sample file used to design and select the EIA-782B sample.

NOTE: Truck stops selling No. 2 diesel fuel were not specifically included in the frame. Therefore, the EIA-782B end-use category, "sales through company outlets," does not incorporate all sales of No. 2 distillate.

The initial Form EIA-782C mailing list consisted of all companies included on the mailing lists for the Forms EIA-782A and EIA-25 and all other firms believed to qualify for reporting. The Form EIA-782C frame currently includes approximately 238 firms.

Reliability of Data

There are two types of errors possible in an estimate based on a sample survey: sampling and nonsampling. Sampling errors occur because observations are made only on a sample, not on the entire population. Nonsampling errors can be attributed to many sources in the collection and processing of data. The accuracy of survey results are determined by the joint effects of sampling and nonsampling errors.

Measures of Sampling Variability

Tables 15, 16, 28 to 34, 37 to 39, and 41 utilize a particular sample of nonrefiners and, therefore, have sampling error. The remainder of the tables published are based on census data; therefore, there is no error due

to sampling. The particular sample used for the EIA-782B is one of a large number of all possible samples that could have been selected using the same design. Estimates derived from the different samples would differ from each other. The average of these estimates would be close to the estimate derived from a complete enumeration of the population (a census), assuming that a complete enumeration has the same nonsampling errors as the sample survey.

The sampling error, or standard error of the estimate, is a measure of the variability among the estimates from all possible samples of the same size and design and, thus, is a measure of the precision with which an estimate from a particular sample approximates the results of a complete enumeration. Tables 50 to 54 provide the upper bounds of standard errors for sales prices of motor gasoline, No. 2 distillate, No. 2 fuel oil, and residual fuel oil, respectively.

Nonsampling Errors

Nonsampling errors can be attributed to many sources: (1) inability to obtain complete information about all cases in the sample (i.e., nonresponse), (2) response errors, (3) definitional difficulties, (4) differences in the interpretation of questions, (5) mistakes in recording or coding the data obtained, and (6) other errors of collection, response, coverage, and estimation for missing data. These nonsampling errors also occur in complete censuses.

Although no direct measurement of the biases due to nonsampling errors can be obtained, precautionary steps were taken in all phases of the frame development and data collection, processing, and tabulation processes, in an effort to minimize their influence. In addition, the close cooperative consultation between EIA and the EIA-782 survey respondents and data users results in a more accurate information gathering and reporting process. EIA-782 survey response rates are presented by type of entity in Table 55.

Imputation and Estimation

Survey data gathered from the respondents invariably contain incomplete reporting, nonresponse, and values that fail editing. These missing data are estimated, or imputed for, as follows. First, for all survey units, the previous month's reported value and the previous month's predicted value are weighted together to yield a predicted value for the current month. The sum of the weighted, predicted values for nonrespondents in the current month is then multiplied by a chain link multiplier (the ratio of the sum of the weighted, re-

ported values for respondents in the current month to the sum of the weighted, predicted values for respondents in the current month). The resulting estimate for nonreported values is then added to the reported values. That is,

$$\hat{V}_t = \sum_R W_i^* V_{i,t} + \frac{\sum_R W_i V_{i,t}}{\sum_R W_i \tilde{V}_{i,t}} \cdot \sum_{NR} W_i^* \tilde{V}_{i,t} \quad (1)$$

Where

$$W_i^* = \frac{N}{\sum_{i=1} W_i} (W_i)$$

W_i = the weight for company i. For resellers/retailers responding to EIA-782B, W_i is inversely proportional to the probability of inclusion. For all certainty units $W_i = 1$. The certainty units are all respondents to the EIA-782A, the EIA-782C, and the units selected with certainty for the EIA-782B.

N = total number of population units,

n = number of sampled units,

$\sum_R$ = summation across current month respondents,

$\sum_{NR}$ = summation across current month nonrespondents,

$V_{i,t}$ = current month (t) reported volume for company i,

$\hat{V}_t$ = current month (t) estimated total volume,

$\tilde{V}_{i,t}$ = current month (t) predicted volume for company i,

$$\tilde{V}_{i,t} = \alpha \tilde{V}_{i,t-1} + (1 - \alpha) V_{i,t-1} \quad (2)$$

where

$\tilde{V}_{i,t-1}$ = previous month (t-1) predicted volume for company i,

$V_{i,t-1}$ = previous month (t-1) reported volume for company i,

α = constant between 0 and 1, set by product and type of sale.

Analogously, revenue formulas are expressed by replacing $\hat{V}_t$, $V_{i,t}$, and $V_{i,t-1}$ in (1) and (2) with $\hat{Q}_t$, $Q_{i,t}$, and $Q_{i,t-1}$, where Q represents revenue; i.e., price times volume. The resulting estimated revenues

and volumes, $\hat{Q}_t$ and $\hat{V}_t$, are aggregated to the publishable level to yield $\hat{Q}_t$ and $\hat{V}_t$, respectively. Current period volume weighted average price is therefore estimated by:

$$\hat{P}_t = \frac{\hat{Q}_t}{\hat{V}_t} \quad (3)$$

where (t.) represents aggregation to the publishable level for the current month (t).

Multiple product data collection and linked sample selection yield two types of respondents: basic and supplemental. Both types are used for imputation, estimation, and standard errors.

Standard errors are obtained by taking the square root of the variance. The variance is estimated by using an approximation to the variance of an estimated ratio for use with an unequal probability sample.

The variance estimate is:

$$VAR(\hat{P}_t) = \frac{1}{\hat{V}_t^2} \sum_k N_k^2 n_k (1-f_k) \frac{M_k}{(\sum_i W_{ik})^2}$$

where

N_k = the number of population units in group k

n_k = the number of basic and volunteer respondents in group k

W_{ik} = the sampling weight for respondent i in group k

$$f_k = \frac{n_k}{N_k}$$

and $\hat{P}_t$ and $\hat{V}_t$ are as previously defined.

The term M_k is computed as follows:

$$M_k = \frac{\sum_i (M_{ik})^2}{n_k - 1}$$

where

$$M_{ik} = W_{ik} V_{ik} D_{ik} - \frac{W_{ik}}{(\sum_i W_{ik})} \times (\sum_i W_{ik} V_{ik} D_{ik})$$

and

$$D_{ik} = P_{ik} - \hat{P}_t$$

V_{ik} = reported volume for respondent i in group k

P_{ik} = reported price for respondent i in group k.

Data Continuity

The transition from the EIA-460, the EIA-9A, and the EIA-25 to the EIA-782, as discussed under "Background," occurred late in 1982 and involved many changes. These included changes in the reporting forms (such as changes in product definition), the frame, the nonresponse adjustment (imputation procedure), the sample, and the operating system; i.e., the editing and computational procedures. All these changes may be expected to have an impact on the volumes and prices derived from the EIA-782 survey and presented in this publication.

Since the transition from the EIA-460, the EIA-9A, and the EIA-25 to the EIA-782 took place over a period of 4 months, rather than occurring at one time, it was possible to compare data from the predecessor surveys with data from the new survey during the transition period for some data elements. This comparative analysis yielded adjustment factors which reflected the estimated overall effect of the changes.

These adjustment factors were applied to the appropriate predecessor survey prices to yield a backcast estimate. A complete description of the estimation of historical data prior to January 1983 is contained in the feature article of the December 1983(3) issue of the PMM.

The backcast price estimation employed the predecessor survey published price as the initial approximation. The initial approximation, however, frequently represented less aggregated product categories and more aggregated seller/sales categories. Therefore, more comparable product categories were formed by volume weighting the disaggregated predecessor survey product prices. For the EIA-9A, comparable categories were formed by subtracting from the price the average taxes reported. Comparable seller/sales categories were formed by multiplying the predecessor price by the ratio of the EIA-782 price for the category to be estimated divided by the volume weighted prices for the aggregate of the EIA-782 categories most comparable to the predecessor category. That is,

$$\hat{P}_{460,i} = \hat{P}_{460,j} \frac{\hat{P}_{782,i}}{\hat{P}_{782,j}}$$

where i represents the EIA-782 category to be backcast and j represents the most similar category on the predecessor survey.

The backcast price series were estimated by multiplying the estimate for the previous time period from the predecessor survey by an adjustment factor:

$$\hat{P}_{782,i,t} = \hat{P}_{\text{Predecessor},i,t} \times (\text{Adjustment Factor})$$

where t = reference month.

Adjustment factors were computed by dividing the EIA-782 December price by the derived December predecessor price for comparable categories:

$$\text{Adjustment Factor} = \frac{\hat{P}_{782,i,\text{December}}}{\hat{P}_{\text{Predecessor},i,\text{December}}}$$

The EIA-782 December 1982 price for all respondents had to be estimated since not all of the EIA-782 respondents were reporting in December. This estimate was based on the average of the ratios of the prices for the December respondents to the prices for all respondents in January, February, and March of 1982. That is,

$$\hat{P}_{782,i,\text{December}} = \hat{P}_{782,i,r,\text{December}} \div \frac{\sum_m \frac{\hat{P}_{782,i,r,m}}{\hat{P}_{782,i,m}}}{3}$$

where r = respondents who reported in the December reference month and m = the months of January, February, and March.

Starting with the January 1984 final estimates, prices published are derived using the sample described under "Discussion of Sample Design." Prices published for January through December 1983 were derived using a different sample and design (see the December 1983(3) issue of the PMM for further description). Therefore, there may be some minor discontinuity between the December 1983 and January 1984 estimates.

Collection Methods

Survey data are collected by mail every month. It is mandatory for each respondent to submit completed forms to EIA within the specified time allotted. For the EIA-782A and B, completed forms must be submitted no later than 30 calendar days after the close of each reference month. For the EIA-782C, completed forms must be submitted no later than 20 calendar days after the close of the reference month. Telephone fol-

low-up calls to nonrespondents begin the day after the established due date in order to collect all outstanding data. Late submissions and resubmissions are processed when received.

Data Processing

As EIA-782 forms are received, they are logged into an automated Survey Control File which maintains monthly status codes for each company. The data are reviewed manually and then entered onto the computer files. They are then processed through an automated edit program which detects missing data, inconsistent prices, volumes and prices that significantly differ from those previously reported by the company, and outlying values that will affect published estimates. Data that fail the edits are resolved through telephone calls to the data reporters, and corrections and verification codes are entered on the computer files. Statistical reports, including publication tables, are then generated using only acceptable and verified data.

Nondisclosure

The data contained in this publication are subject to statistical nondisclosure procedures. The objective of the disclosure-avoidance procedures, as stated in the Energy Information Administration Standard 88-05-06, Subject: "Nondisclosure of Company Identifiable Data in Aggregate Cells," is to ensure that confidential, company-identifiable data are not disclosed in tables where "company specific responses may be proprietary and prohibited from public disclosure by 18 U.S.C. 1905." Statistics representing data aggregated from fewer than three companies or that are dominated by input from one or two companies are withheld. EIA identifies cells that are sensitive according to these criteria by applying a statistical formula to the data contained in each cell to determine if a few companies "dominate" the cell.

If a cell is sensitive, the data in that cell are suppressed and a "W" is placed in the publication cell. Also, since many tables include row or column totals, some nonsensitive data cells have been suppressed to prevent the reader from calculating the suppressed numbers by simply subtracting the published numbers from the total.

Relationship of Refiner and Prime Supplier Sales Volumes

The refiner sales volumes collected on the EIA-782A are related to the prime supplier sales volumes collected on the EIA-782C, but conceptual differences exist which cause variations between these data. In general, EIA-782A volumes are intended to reflect *refiner sales* of petroleum products into *all secondary and tertiary markets*, while EIA-782C volumes are designed to measure *prime supplier sales* into only the *local markets of ultimate consumption*. Specifically:

- The reporting universe for the EIA-782C survey is significantly larger than that of the EIA-782A. While nearly all refiners and gas plant operators report on both surveys (a small number do not qualify as prime suppliers), some large, inter-State distributors and retailers, as well as some importers, report only on the EIA-782C.
- EIA-782A respondents are asked only to exclude sales to other refiners (that is, other respondents that comprise the primary market), while EIA-782C respondents are asked to exclude sales to any company that is not a local distributor, local retailer, or end user (DRE). Therefore, EIA-782C respondents are asked not only to exclude sales to refiners, but also to most large inter-State resellers, importers, traders, and retailers who transport product across State boundaries.
- The EIA-782A is designed to gather data on the sales of selected petroleum products made in each State, regardless of where the products are physically located or will be consumed. In contrast, the EIA-782C is designed to collect data reflecting only delivered sales of selected petroleum products into those States where the products are expected to be locally consumed.

Consequently, EIA-782A and EIA-782C volumetric data generally vary at national, regional, and State levels. In particular, differences are expected in States and regions in which major supply origination, pipeline distribution, or transfer points are located. In these States, large volumes of product may change hands

many times, often for eventual shipment outside the State. Since the EIA-782C is intended to measure only those sales into the final local markets of consumption (sales to DREs), all preceding sales are excluded. Furthermore, sales by EIA-782C respondents are reported wherever the product was delivered, which may differ from the State where title transferred. In contrast, the EIA-782A reflects all sales made to secondary resellers, wherever title transfers.

Additionally, the EIA-782C reflects imports by firms that are neither refiners nor gas plant operators, that would not be measured on the EIA-782A unless they were transferred to a distribution chain. This would mostly affect regions with a high level of product imports, such as the New England or Mid-Atlantic States.

Therefore, States with major refining areas, such as Texas or California, generally show higher prime supplier sales, since some of the volumes reported on the EIA-782A are excluded on the EIA-782C or are reported in different States. Conversely, net consuming States (e.g., most PAD District I and PAD District II States) may show larger prime supplier sales on the EIA-782C due to inter-State movements or imports by resellers and/or differences in State of delivery versus title transfer. However, this may be partially or entirely offset by some refiners reporting larger sales volumes on the EIA-782A than on the EIA-782C (due to fewer exclusions taken on the EIA-782A).

In summary, caution should be exercised when comparing sales volumes between refiners and prime suppliers. Whereas EIA-782A data reflect the marketing of product by refiners to non-refiners where the sale occurs, EIA-782C data reflect prime supplier sales to local distributors, local retailers, and end users where the product is delivered. Therefore, the EIA-782A and EIA-782C surveys differ by the respondents reporting (refiners versus prime suppliers), the types of sales reported (sales to non-refiners versus sales to DREs), and the location of the reported sales (point of title transfer versus destination of the sale). While refiner volumes and prime supplier sales are related, the complex nature of the U.S. distribution system will result in varying degrees of dissimilarity between them.

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

	Motor Gasoline	Diesel Fuel	Gasohol		Motor Gasoline	Diesel Fuel	Gasohol
Federal ²	14.10	20.10	8.70	Mississippi ⁴	18.20	18.20	18.20
Average State Tax	18.77	18.66	18.24	Missouri ⁴	13.10	13.10	13.10
Alabama ⁴	18.00	19.00	18.00	Montana ⁴	21.40	21.40	21.40
Alaska	8.00	8.00	8.00	Nebraska ¹	24.60	24.60	24.60
Arizona	19.00	19.00	19.00	Nevada ⁴	23.60	27.60	23.60
Arkansas	18.70	18.70	18.70	New Hampshire	18.70	18.70	18.70
California ^{3 4}	17.60	17.60	17.60	New Jersey	14.50	17.50	14.50
Colorado	22.31	20.81	22.31	New Mexico ⁴	17.00	17.00	17.00
Connecticut ³	28.00	18.00	27.00	New York ^{3 4}	22.89	24.89	22.89
Delaware	19.00	19.00	19.00	North Carolina	22.15	22.15	22.15
District of Columbia ...	20.00	20.00	20.00	North Dakota	17.25	17.25	17.25
Florida ⁴	11.80	11.80	11.80	Ohio	21.00	21.00	21.00
Georgia ³	7.60	7.60	7.60	Oklahoma	17.00	14.00	17.00
Hawaii ^{3 4}	16.00	16.00	-	Oregon ⁴	24.00	24.00	19.00
Idaho	22.00	22.00	18.00	Pennsylvania	22.35	22.35	22.35
Illinois ^{3 4}	19.30	21.80	19.30	Rhode Island	26.00	26.00	26.00
Indiana ³	15.08	16.08	15.08	South Carolina ⁴	16.75	16.75	16.75
Iowa ³	20.00	22.50	19.00	South Dakota	19.00	19.00	17.00
Kansas	18.02	20.02	18.02	Tennessee	21.40	18.40	21.00
Kentucky	15.40	12.40	15.40	Texas	20.00	20.00	20.00
Louisiana ³	20.03	20.03	20.03	Utah	19.50	19.50	19.50
Maine	19.00	20.00	19.00	Vermont	16.00	17.00	16.00
Maryland	23.50	21.75	23.50	Virginia ^{3 4}	17.70	16.20	17.70
Massachusetts	21.00	21.00	21.00	Washington ⁴	23.12	23.12	19.44
Michigan ³	15.88	15.88	15.88	West Virginia	20.35	20.35	20.35
Minnesota	20.00	20.00	20.00	Wisconsin	24.20	24.20	24.20
				Wyoming	9.00	9.00	5.00

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 as of January 1, 1993. We are aware of the following rate changes that will take effect in the next 6 months: Maryland: on July 1, 1993, diesel fuel will increase to 24.25 cents per gallon; Nebraska: on April 1, 1993 gasoline, gasohol, and diesel fuel will change to 22.7 cents per gallon; Wisconsin: on April 1, 1993, gasoline, gasohol, and diesel fuel will increase to 23.2 cents per gallon.

² The Federal tax on motor gasoline and diesel fuel increased 5.0 cents, to 14.1 and 20.1 cents, respectively, on December 1, 1990.

³ Additional State taxes are levied as follows: California: 7.25-8.25 percent sales tax; Connecticut: 5 percent gross earnings tax; Georgia: 3 percent second motor fuel tax plus 1 percent sales tax; Hawaii: 4 percent sales tax; Illinois: sales tax varies by jurisdiction, from 6.25 to 8.0 percent; Indiana: 5 percent sales and use tax; Iowa: 1 percent environmental protection tax; Louisiana: 3 percent motor gasoline, 4 percent diesel for off-road use; Michigan: 4 percent sales tax; New York: 4 percent sales tax; Virginia: sales and use tax of 2 percent in areas where mass transit systems exist.

⁴ Local option taxes are allowed. In Florida, the State assesses a SCETS tax of two-thirds the county rate (of 1 to 6 cents per gallon) in addition to the regular excise tax.

- Exempt.

Source: State revenue/taxation offices.

Table EN 2. U.S. Postal Two-Letter State Abbreviations

AL	Alabama	KY	Kentucky	ND	North Dakota
AK	Alaska	LA	Louisiana	OH	Ohio
AZ	Arizona	ME	Maine	OK	Oklahoma
AR	Arkansas	MD	Maryland	OR	Oregon
CA	California	MA	Massachusetts	PA	Pennsylvania
CO	Colorado	MI	Michigan	RI	Rhode Island
CT	Connecticut	MN	Minnesota	SC	South Carolina
DE	Delaware	MS	Mississippi	SD	South Dakota
DC	District of Columbia	MO	Missouri	TN	Tennessee
FL	Florida	MT	Montana	TX	Texas
GA	Georgia	NE	Nebraska	UT	Utah
HI	Hawaii	NV	Nevada	VT	Vermont
ID	Idaho	NH	New Hampshire	VA	Virginia
IL	Illinois	NJ	New Jersey	WA	Washington
IN	Indiana	NM	New Mexico	WI	Wisconsin
IA	Iowa	NY	New York	WV	West Virginia
KS	Kansas	NC	North Carolina	WY	Wyoming

Revision Error

The petroleum product price and volume data shown for the current month are preliminary. These numbers may be revised in the next month's publication based on data received late or revisions received. For example, if the latest data shown are for the month of Feb-

ruary, the February data are preliminary and the January data may have been revised due to the receipt of late or revised data. The data are final upon publication in the *Petroleum Marketing Annual* (PMA). The difference between the data when they appear in the *Petroleum Marketing Monthly* (PMM) and when they appear in the PMA is called the revision error. The amount of revision error for some selected EIA-782 data series is shown in the following tables.

Table EN3. Revision Error in Selected 1991 U.S. Average Price Data
(Cents per Gallon Excluding Taxes)

Date	Refiner/Reseller Unleaded Regular Sales to End Users			No. 2 Distillate Sales to Residential Customers			Residual Fuel Oil Sales to End Users		
	Preliminary	Final	Difference	Preliminary	Final	Difference	Preliminary	Final	Difference
January	86.7	86.6	0.1	116.7	117.1	-0.4	53.4	53.4	0.0
February	77.6	77.5	.1	110.2	110.5	-.3	39.7	39.8	-.1
March	73.7	73.5	.2	102.5	102.6	-.1	32.3	32.3	.0
April	76.7	76.8	-.1	96.6	96.9	-.3	30.3	30.2	.1
May	80.8	80.6	.2	92.5	92.5	.0	31.0	31.0	.0
June	79.7	79.7	.0	89.1	89.3	-.2	29.5	29.5	.0
July	77.3	77.3	.0	86.6	86.6	.0	31.2	31.2	.0
August	79.3	79.2	.1	87.1	87.0	.1	31.0	31.1	-.1
September	78.0	78.0	.0	89.8	89.7	.1	30.9	30.6	.3
October	76.3	76.3	.0	94.0	94.0	.0	32.3	32.3	.0
November	77.0	76.9	.1	97.9	98.0	-.1	35.1	35.1	.0
December	73.3	73.4	-.1	95.9	95.9	.0	33.1	33.1	.0

Sources: Preliminary data are from Tables 15, 28, and 40 of the *Petroleum Marketing Monthly*. Final data are from Tables 15, 28, and 40 of the *Petroleum Marketing Annual, 1991*.

Table EN4. Revision Error in Selected 1991 Refiner Sales Volume Data
(Million Gallons)

Date	Motor Gasoline Sales for Resale			No. 2 Distillate Sales for Resale			Residual Fuel Oil Sales to End Users		
	Preliminary	Final	Percent Change	Preliminary	Final	Percent Change	Preliminary	Final	Percent Change
January	7,423	7,437	-0.2	3,513	3,477	1.0	743	726	2.3
February	6,764	6,850	-1.3	2,832	2,872	-1.4	646	635	1.7
March	7,881	7,932	-.6	3,143	3,151	-.3	796	789	.9
April	8,174	8,230	-.7	2,876	2,884	-.3	682	662	2.9
May	8,485	8,481	.0	2,867	2,871	-.1	719	719	.0
June	8,037	8,052	-.2	2,829	2,852	-.8	779	778	.1
July	8,507	8,497	.1	2,943	2,938	.2	876	876	.0
August	8,410	8,413	.0	2,932	2,945	-.4	768	770	-.3
September	7,726	7,727	.0	2,787	2,795	-.3	682	694	-1.8
October	8,015	8,003	.1	3,192	3,196	-.1	615	615	.0
November	7,614	7,612	.0	2,708	2,714	-.2	652	652	.0
December	8,160	8,148	.1	3,173	3,186	-.4	855	854	.1

Sources: Preliminary data are from Tables 10, 45, and 46 of the *Petroleum Marketing Monthly* (PMM). Final data are from Tables 10, 45, and 46 of the *Petroleum Marketing Annual, 1991*.

Table EN5. Revision Error in Selected Volumes of 1991 First Sales Data
(Million Gallons)

Date	Total Motor Gasoline			Total No. 2 Distillate			Total Residual Fuel Oil		
	Preliminary	Final	Percent Change	Preliminary	Final	Percent Change	Preliminary	Final	Percent Change
January	9,601	9,556	0.5	4,719	4,728	-0.2	1,488	1,541	-3.6
February	8,803	8,845	-.5	3,797	3,832	-.9	1,369	1,375	-.4
March	10,058	10,056	.0	4,140	4,129	.3	1,524	1,463	4.0
April	10,264	10,252	.1	3,842	3,840	.1	1,467	1,454	.9
May	10,729	10,707	.2	3,785	3,778	.2	1,501	1,493	.5
June	10,185	10,183	.0	3,557	3,526	.9	1,609	1,587	1.4
July	10,744	10,731	.1	3,701	3,667	.9	1,532	1,527	.3
August	10,748	10,698	.5	3,836	3,834	.1	1,607	1,594	.8
September	9,675	9,668	.1	3,729	3,698	.8	1,503	1,507	-.3
October	10,230	10,186	.4	4,202	4,172	.7	1,262	1,259	.2
November	9,648	9,613	.4	3,801	3,774	.7	1,341	1,316	1.9
December	10,060	10,026	.3	4,269	4,246	.5	1,716	1,738	-1.3

Sources: Preliminary data are from Tables 47, 48, and 49 of the *Petroleum Marketing Monthly* (PMM). Final data are from Tables 47, 48, and 49 of the *Petroleum Marketing Annual, 1991*.

The Crude Oil Price Surveys

Background

Form EIA-182: "Domestic Crude Oil First Purchasers' Report"

Each month, EIA-182 provides data from the buyers on first purchases of domestic crude oil. A "first purchase" constitutes a transfer of ownership of crude oil during or immediately after the physical removal of the crude oil from a production property for the first time. Transactions between affiliated companies are reported as if they were "arms-length" transactions. (This definition is consistent with the Windfall Profits Tax (WPT) concepts of "first sale" and "removal price.") The primary objective is to calculate an average first purchase price at various levels of aggregation. A company's monthly average first purchase prices are volume weighted across given geographical areas and are computed from the following reported data elements:

- **Area of production.** The producing State or non-State production "area" (i.e., Alaska North Slope, Alaska Other Mainland, Federal Offshore California and Federal Offshore Gulf--about one-fifth off Texas and the remainder off Louisiana).
- **Total amount paid.** Reported f.o.b. the lease boundary and based on the actual purchase expenditures, including discounts or premiums paid.
- **Total volume purchased.** The amount of crude bought and paid for as it is measured at the lease boundary (usually at a lease automatic custody transfer unit--a LACT unit), adjusted for basic sediment and water (BS&W) and temperature.

Prices published from data collected on Form EIA-182 are calculated by dividing the sum of the total amounts paid by the sum of the total volumes purchased.

Form EIA-856: "Foreign Crude Oil Acquisition Report"

The EIA-856 provides monthly price and volume data for about 90 percent of all the crude oil imported into the United States. It also provides classification data that enable EIA to determine the terms of an acquisition. The data are reported for the parent company and all the affiliates controlled by the parent. Under this definition, the acquisition price reported for each cargo is the one paid to an unaffiliated seller, in principle an "arms-length" price, which is consistent with use of the data to represent market trends, rather than monitoring internal company transfer pricing policies.

Each month, respondents report the following for cargos acquired for U.S. importation:

- **Offshore inventories.** Crude oil owned by the respondent that is intended for importation into the United States. These inventories include oil in tankers enroute to the United States and floating or on-land storage outside the United States.
- **Crude type.** Includes the country of origin of the cargo of crude, the stream or type of crude oil (e.g., Saudi Light), and the API gravity.
- **Volume.** The number of 42 gallon barrels in the cargo.
- **Dates.** The date of loading/acquisition and the expected month of landing.
- **Transportation.** Ports of loading and landing and the name of the vessel.
- **Prices.** Acquisition cost, landed cost, and other costs such as demurrage, agent's fees, import tariffs and fees, etc. (all costs are reported in dollars per barrel).
- **Days credit.** The number of days credit is extended to the purchaser by the seller.
- **Purchase classifying information.** Type of transaction (e.g., purchase from host government), terms of transaction (spot or contract), and point of transaction (f.o.b. (free on board), country of origin or CIF (cost, insurance, and freight), U.S. port of entry).

Published prices are calculated by first multiplying the purchase volume by a price to obtain a total cost, then the sums of the total costs are divided by the sums of the purchase volumes.

The prices associated with data collected on Form EIA-856 are aggregated within the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. By design, the prices are not aggregated for the month in which they are determined, unless the acquisition and price determination month are the same. EIA-856 data reflect types of trades occurring over the entire spectrum of international crude oil markets, ranging from continuing supply agreements to spot market purchases. Prices can be determined at time of loading or at time of landing. Prices can be negotiated between the parties involved or tied to spot or futures market price levels. The methodology chosen for the EIA-856 provides a consistent historical series even though its prices may not always agree with measures of prices from other sources.

International crude oil markets are complex and dynamic. For example, a cargo of Saudi Arabian crude oil could be acquired in June at a loading port in Saudi Arabia. The cargo may land in the United States in August. The price for the crude oil could be determined by spot crude oil prices in effect during the 5 days

before and after landing. For the PMM, the price for this cargo will be aggregated in the month of June, when it was acquired. Conversely, a cargo of Brent crude may be acquired in June, but its price may have been determined in the forward Brent market in April. This cargo's price will also be aggregated in June, when the purchaser took title to the crude.

In the early 1980s, most crude oil prices were set by the country selling the crude. Gradually, as the supply of crude oil became more abundant, markets became more competitive. A robust spot market for crude evolved, in which prices for crude oil were determined by demand and supply. Frequently, the official sales price set by the selling government was considerably different than spot market assessments. As buyers began to purchase more crude oil on the spot market, the control that sellers had theretofore exercised eroded.

In order to protect their market share, crude oil producing governments began to tie prices for their crude to market-related prices. When these market-related pricing formulae came into prominence in late 1985, many crude oil prices were tied to a "netback realization," wherein a crude oil's value was determined by volume weighted spot market prices of products derivable from that crude. The weights essentially reflected the relative yield of selected products from a given crude stream. These netback-based formulae gradually gave way to formulae based on spot crude oil assessments.

The formulae and terms used by sellers of crude oil continue to change. Since the EIA-856 prices are aggregated by month of acquisition--not necessarily the same as month of price determination--they may not always show the same pattern as a series from another source (e.g., trade-press publications). During periods of dramatic change in crude oil prices, aggregate prices derived from EIA-856 data will tend to "lead" the market. That is, these prices will show the emerging trend earlier, reach the inflection point sooner, and then return to the underlying trend. When averaged over longer periods of time, however, EIA-856 prices show the same relative price movements as exogenous sources.

Form EIA-14: "Refiners' Monthly Cost Report"

The EIA-14 is a monthly census of all U.S. refiners. It collects the net acquisition costs and volumes of crude oil, both domestic and imported, on a corporate national basis (i.e., not for individual refineries). Included in the costs are all charges associated with the acquisition, transportation, and storage of crude incurred by respondents up to the time the oil is booked into their refineries.

Each month, refiners report the volume (in thousands of barrels) and costs (in thousands of dollars) for:

- **Domestic crude oil.** Oil produced in the United States or from its outer continental shelf.
- **Imported crude oil.** Oil produced outside the United States and brought into the United States for domestic processing.
- **Unfinished oils.** All other oils, both domestic and imported, requiring further refining, except those requiring only mechanical blending.

Average prices are calculated by dividing the sum of the costs by the sum of the volumes.

Respondent Frame

EIA-182:

All firms that buy domestic crude oil at the lease boundary, acquiring ownership of the crude in a first purchase transaction. The list initially was compiled from the 1974 Federal Energy Administration (FEA) Oil and Gas Survey of Producers and Operators. Collection of data from first purchasers began in February 1976. By 1978, the frame consisted of 340 respondents. Of these, 198 purchased more than 150,000 barrels per year and together represented 99.9 percent of the total reported volume.

Adjustments to the frame have mostly been "deaths," with relatively few "births." Following decontrol in January 1981, there was a major contraction of the list of active first purchasers. Many small firms went out of business or were absorbed by larger companies. More recent changes include several mergers among majors and one breakup of a major company. Currently, the EIA-182 survey collects data from 170 active respondents.

EIA-856:

All companies that were reporting data on the ERA-51, "Transfer Pricing Report," as of June 1982, are required to prepare and submit an EIA-856 each month, regardless of the total volumes of crude oil that are imported. In addition, all other companies that acquire more than 500,000 barrels of foreign crude oil in the report month for importation into the United States are required to prepare and submit an EIA-856 for that month.

EIA-14:

All refiners of crude oil in the United States, including its territories and possessions. There are currently 107 active respondents to the EIA-14.

The list of respondents to the EIA-14 is updated annually by supplementation from the EIA-782A, "Refiner/Gas Plant Operators' Monthly Petroleum Product Sales Report," and the EIA-810, "Monthly Refinery Report."

Data Collection Processing

All three crude oil data collection systems are operated independently. Each performs similar data collection and processing functions that are outlined below.

Survey data are collected by mail every month. It is mandatory for each respondent to submit completed forms to EIA no later than 30 calendar days after the close of each reference month. Telephone follow-up calls to nonrespondents begin 2 days after the established due date in order to collect all outstanding data. Late submissions and resubmissions are processed when received.

The forms are logged and reviewed manually. The data are then entered onto computer files. The files are then processed through an automated edit program which detects missing data, inconsistent prices, and outlying values that affect published estimates. Data that fail the edits are resolved through telephone calls to data reporters, and corrections and verification codes are entered onto computer files. Statistical reports, including publication tables, are then generated using only acceptable and verified data. Response rates are normally 100 percent by the time final statistics are calculated.

Nondisclosure

The data contained in this publication are subject to statistical nondisclosure procedures. The objective of the disclosure-avoidance procedures, as stated in the Energy Information Administration Standard 88-05-06, Subject: "Nondisclosure of Company Identifiable Data in Aggregate Cells," is to ensure that confidential, company-identifiable data are not disclosed in tables where "company specific responses may be proprietary and prohibited from public disclosure by 18 U.S.C. 1905." Statistics representing data aggregated from fewer than three companies or that are dominated by input from one or two companies are withheld. EIA identifies cells that are sensitive according to these criteria by applying a statistical formula to the data contained in each cell to determine if a few companies "dominate" the cell.

If a cell is sensitive, the data in that cell are suppressed and a "W" is placed in the publication cell. Also, since

many tables include row or column totals, some nonsensitive data cells have been suppressed to prevent the reader from calculating the suppressed numbers by simply subtracting the published numbers from the total.

Data Continuity

The crude oil statistics published in the *Petroleum Marketing Monthly* constitute both a republishing of numbers that already appear in the *Monthly Energy Review* (MER) and the *Annual Energy Review* (AER), and a simple extension of the detail of such statistics. These statistics have been published for a number of years in the MER and AER. The data currently collected through the crude oil surveys are compatible with data used to derive statistics for the historical series. The definitions, respondents, and processing have not changed substantially over the years the data have been collected. The target populations and the computational algorithms have remained virtually unchanged.

Reliability of Data

There are two types of errors possible in an estimate based on a sample survey: sampling and nonsampling. Sampling errors occur because observations are made only on a sample, not on the entire population. Since the crude oil surveys are based on a census of the population, these surveys contain no sampling error.

Nonsampling errors can be attributed to many sources: (1) inability to obtain complete information from all respondents in the survey (i.e., nonresponse), (2) response errors, (3) definitional difficulties, (4) differences in the interpretation of questions, (5) mistakes in recording or coding the data obtained, and (6) other errors of collection, response, coverage, and estimation for missing data.

Although no direct measurement of the biases due to nonsampling errors can be obtained, precautionary steps were taken in all phases of the frame development and data collection, processing, and tabulation processes, in an effort to minimize their influence. In addition, the close cooperative consultation between EIA and the survey respondents and data users results in a more accurate information gathering and reporting process.

Imputation

Since the response rates for the crude oil survey are virtually 100 percent, there are no imputation procedures in the PMM data for nonresponse to these surveys. Imputation is performed, however, on EIA-182 volume data used in estimating crude oil production published in the *Petroleum Supply Monthly* (PSM). Since production estimates for the PSM are required on an expedited schedule, some responses are imputed for the PSM. However, all responses are received prior to the publication of the PMM, thus no imputation is required for the price data published in the PMM. See Note 8 in the Explanatory Notes in the PSM for additional information on the use of EIA-182 data in estimating domestic crude oil production.

Revision Error

The crude oil values shown for Domestic First Purchase Prices and Refiner Acquisition Cost (RAC) for the current month and for Average Landed Costs for the current 2 months are preliminary. These numbers are revised in the month after the preliminary month(s) based on data received late or revisions received. For example, in the February publication, the February RAC data are preliminary and the January RAC data may have been revised due to receipt of late or revised data. The data are final upon publication in the *Petroleum Marketing Annual* (PMA). The difference between the data when they first appear in the *Petroleum Marketing Monthly* (PMM) and when they appear in the PMA is called the revision error. The amount of revision error for some selected crude oil data series is shown in the tables which follow.

Table EN6. 1991 Revision Error: Form EIA-14¹
(Dollars per Barrel)

Date	Refiner Acquisition Costs								
	Domestic			Imported			Composite		
	Preliminary	Final	Difference	Preliminary	Final	Difference	Preliminary	Final	Difference
January	23.24	23.25	-0.01	22.57	22.30	0.27	22.96	22.85	0.11
February	19.64	19.55	.09	18.65	18.30	.35	19.23	19.03	.20
March	18.12	18.12	.00	17.59	17.58	.01	17.89	17.89	.00
April	18.53	18.56	-.03	18.27	18.32	-.05	18.42	18.46	-.04
May	18.97	18.98	-.01	18.14	18.36	-.22	18.59	18.70	-.11
June	18.16	18.16	.00	17.79	17.78	.01	17.99	17.98	.01
July	18.91	18.91	.00	18.14	18.14	.00	18.57	18.57	.00
August	19.02	19.10	-.08	18.71	18.71	.00	18.88	18.92	-.04
September	19.31	19.31	.00	18.94	19.00	-.06	19.14	19.17	-.03
October	20.39	20.39	.00	20.04	19.86	.18	20.23	20.16	.07
November	20.01	20.01	.00	19.35	19.35	.00	19.72	19.72	.00
December	17.84	17.84	.00	17.17	17.17	.00	17.56	17.56	.00

¹ "Refiners' Monthly Cost Report"

Sources: Preliminary data are from Table 1 of the *Petroleum Marketing Monthly* for each respective month. Final data are from Table 1 of the *Petroleum Marketing Annual, 1991*.

Table EN7. 1991 Revision Error: Form EIA-182¹
(Dollars per Barrel)

Month	Preliminary	Final	Difference
January	19.57	19.60	-0.03
February	16.20	16.26	-.06
March	15.08	15.12	-.04
April	16.14	16.15	-.01
May	16.32	16.43	-.11
June	15.55	15.57	-.02
July	16.33	16.34	-.01
August	16.56	16.58	-.02
September	16.67	16.70	-.03
October	17.68	17.70	-.02
November	17.16	17.11	.05
December	14.64	14.66	-.02

¹ "Domestic Crude Oil First Purchase Report"

Sources: Preliminary data are from Table 1 of the *Petroleum Marketing Monthly* for each respective month. Final data are from Table 1 of the *Petroleum Marketing Annual, 1991*.

Table EN8. 1991 Revision Error: Form EIA-856¹
(Dollars per Barrel)

Month	FOB Cost of Imports			Landed Cost of Imports		
	Preliminary	Final	Difference	Preliminary	Final	Difference
January	20.61	19.95	0.66	21.65	20.86	0.79
February	16.19	16.31	-.12	17.13	17.26	-.13
March	15.51	15.89	-.38	16.85	17.16	-.31
April	16.58	16.58	.00	17.76	17.78	-.02
May	16.58	16.45	.13	17.84	17.82	.02
June	15.82	15.81	.01	17.11	17.16	-.05
July	16.60	16.73	-.13	17.70	17.84	-.14
August	16.93	16.99	-.06	18.04	18.20	-.16
September	17.31	17.48	-.17	18.44	18.63	-.19
October	18.42	18.12	.30	19.30	19.03	.27
November	17.83	17.51	.32	18.68	18.33	.35
December	15.12	15.11	.01	16.22	16.19	.03

¹ "Monthly Foreign Crude Oil Acquisition Report"

Sources: Preliminary data are from Table 1 of the *Petroleum Marketing Monthly* for each respective month. Final data are from Table 1 of the *Petroleum Marketing Annual, 1991*.

Product Guide

Product Guide

Category	Table		
	Prices	Volumes	Prime Supplier Sales
Crude Oil			
Refiner Acquisition Cost			
U.S. Average	1	--	--
-by type of refiner	19	--	--
Domestic First Purchases			
U.S. Average	1	--	--
U.S., PAD District, and State	20	--	--
Imports			
FOB Costs	1	--	--
-from selected countries	21	--	--
-by API gravity	23	--	--
-for selected crude streams	26	--	--
Landed Costs			
-from selected countries	22	--	--
-by API gravity	24	--	--
-for selected crude streams	27	--	--
Motor Gasoline			
U.S. Average or Total	HL1	HL1	47
-by seller type	6, 7	8, 9	--
-detailed sales type data	10	10	--
-from 1978 to present	2, 4, 13	--	--
-from 1983 to present	11	3, 5, 12, 14	--
U.S., PAD District, and State			
-by seller type with			
-detailed sales type data	28, 29, 30	42	--
U.S. and State	--	--	47
Leaded Motor Gasoline			
U.S. Average or Total	HL1	HL1	47
-by seller type	6, 7	8, 9	--
U.S., PAD District, and State			
-detailed sales type data	28, 29, 31	43	--
U.S. and State	--	--	47
Unleaded Regular Motor Gasoline			
U.S. Average or Total	HL1	HL1	47
-by seller type	6, 7	8, 9	--
U.S., PAD District, and State			
-detailed sales type data	28, 29, 32	43	--
U.S. and State	--	--	47
Unleaded Midgrade Motor Gasoline			
U.S. Average or Total	HL1	HL1	47
-by seller type	6, 7	8, 9	--
U.S., PAD District, and State			
-detailed sales type data	28, 29, 33	43	--
U.S. and State	--	--	47
Premium Motor Gasoline			
U.S. Average or Total	HL1	HL1	47
-by seller type	6, 7	8, 9	--
U.S., PAD District, and State			
-detailed sales type data	28, 29, 34	43	--
U.S. and State	--	--	47

Product Guide

Category	Table		
	Prices	Volumes	Prime Supplier Sales
Aviation Gasoline			
U.S. Average or Total	HL1	HL1	48
-by seller type	6, 7	8, 9	--
-from 1978 to present	2, 4	--	--
-from 1983 to present	--	3, 5	--
U.S., PAD District, and State	35	44	--
U.S. and State	--	--	48
Kerosene-Type Jet Fuel			
U.S. Average or Total	HL1	HL1	48
-by seller type	6, 7	8, 9	--
-from 1978 to present	2, 4	--	--
-from 1983 to present	--	3, 5	--
U.S., PAD District, and State	35	44	--
U.S. and State	--	--	48
Propane, Consumer Grade			
U.S. Average or Total	HL1	HL1	48
-by seller type	6, 7	8, 9	--
-from 1978 to present	2, 4	--	--
-from 1983 to present	--	3, 5	--
U.S., PAD District, and State	35	44	--
U.S. and State	--	--	48
Kerosene			
U.S. Average or Total	HL1	HL1	--
-by seller type	6, 7	8, 9	--
-from 1978 to present	2, 4	--	--
-from 1983 to present	--	3, 5	--
U.S., PAD District, and State	36	45	--
No. 1 Distillate			
U.S. Average or Total	HL1	HL1	--
-by seller type	6, 7	8, 9	--
-from 1978 to present	2, 4	--	--
-from 1983 to present	--	3, 5	--
U.S., PAD District, and State	36	45	--
No. 2 Distillate			
U.S. Average or Total	HL1	HL1	49
-by seller type	6, 7	8, 9	--
-from 1978 to present	2, 4, 16	--	--
-from 1983 to present	15	3, 5	--
U.S., PAD District, and State	--	--	--
-with detailed sales type data	36, 37, 38	45	--
U.S. and State	--	--	49
No. 2 Fuel Oil			
U.S. Average or Total	HL1	HL1	49
-by seller type	6, 7	8, 9	--
-from 1978 to present	2, 4	--	--
-from 1983 to present	--	3, 5	--
U.S., PAD District, and State	--	--	--
-with detailed sales type data	39	--	--
U.S. and State	--	--	49

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Category	Table		
	Prices	Volumes	Prime Supplier Sales
No. 2 Diesel Fuel			
U.S. Average or Total	HL1	HL1	49
-by seller type	6, 7	8, 9	--
-from 1978 to present	2, 4	--	--
-from 1983 to present	--	3, 5	--
U.S. and State	--	--	49
No. 4 Fuel			
U.S. Average or Total	HL1	HL1	--
-by seller type	6, 7	8, 9	--
-from 1978 to present	2, 4	--	--
-from 1983 to present	--	3, 5	--
U.S. and PAD District	40	46	--
Residual Fuel Oil			
U.S. Average or Total	HL1	HL1	48
-by seller type	6, 7	8, 9	--
-from 1978 to present	2, 4, 17	--	--
-from 1983 to present	--	3, 5, 18	--
U.S., PAD District, and/or State	40, 41	46	--
U.S. and State	--	--	48
Residual Fuel Oil (sulfur content less than or equal to 1 percent)			
U.S. Average or Total	HL1	HL1	--
-by seller type	6, 7	8, 9	--
-from 1978 to present	17	--	--
-from 1983 to present	--	18	--
U.S., PAD District, and/or State	40, 41	46	--
Residual Fuel Oil (sulfur content greater than 1 percent)			
U.S. Average or Total	HL1	HL1	--
-by seller type	6, 7	8, 9	--
-from 1978 to present	17	--	--
-from 1983 to present	--	18	--
U.S., PAD District, and/or State	40, 41	46	--

-- = Not applicable

Glossary

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.

Aviation Gasoline (Finished): All special grades of gasoline for use in aviation reciprocating engines, as given in ASTM Specification D 910 and Military Specification MIL-G-5572. Excludes blending components which will be used in blending or compounding into finished aviation gasoline.

Barrel: One barrel of crude oil contains 42 gallons.

CIF: Cost, insurance, and freight. A transaction for which the seller assumes the costs and risks of bringing the product to the point of destination (generally the port of landing). Thus, a CIF price is a delivered price.

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.

Company Outlet: Any retail outlet (e.g., service station) selling gasoline or diesel fuel that is under the direct control of the company filing this report 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 company.

Crude Oil (including lease condensate): A mixture of hydrocarbons that existed in liquid phase in under-

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

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

Distillate Fuel Oil: A general classification for one of the petroleum fractions produced in conventional distillation operations. It is used primarily for space heating, on- and off-highway diesel engine fuel (including railroad engine fuel and fuel for agricultural machinery), and electric power generation. Included are products known as No. 1, No. 2, and No. 4 fuel oils and No. 1, No. 2, and No. 4 diesel fuels.

1. **No. 1 Distillate:** A petroleum distillate which meets the specifications for No. 1 heating or fuel

oil as defined in ASTM D 396 and/or the specifications for No. 1 diesel fuel as defined in ASTM Specification D 975.

- a. **No. 1 Diesel Fuel:** A volatile distillate fuel oil with a boiling range between 300-575 degrees Fahrenheit and used in high-speed diesel engines generally operated under wide variations in speed and load. Includes type C-B diesel fuel used for city buses and similar operations. Properties are defined in ASTM Specification D 975.
 - b. **No. 1 Fuel Oil:** A light distillate fuel oil intended for use in vaporizing pot-type burners. ASTM Specification D 396 specifies for this grade maximum distillation temperatures of 400 degrees Fahrenheit at the 10-percent recovery point and 550 degrees Fahrenheit at the 90-percent point, and kinematic viscosities between 1.4 and 2.2 centistokes at 100 degrees Fahrenheit.
2. **No. 2 Distillate:** A petroleum distillate which meets the specifications for No. 2 heating or fuel oil as defined in ASTM D 396 and/or the specifications for No. 2 diesel fuel as defined in ASTM Specification D 975.
- a. **No. 2 Diesel Fuel:** A gas oil type distillate of lower volatility with distillation temperatures at the 90-percent point between 540-640 degrees Fahrenheit for use in high speed diesel engines generally operated under uniform speed and load conditions. Includes Type R-R diesel fuel used for railroad locomotive engines, and Type T-T for diesel-engine trucks. Properties are defined in ASTM Specification D 975.
 - b. **No. 2 Fuel Oil:** A distillate fuel oil for use in atomizing type burners for domestic heating or for moderate capacity commercial-industrial burner units. ASTM Specification D 396 specifies for this grade distillation temperatures at the 90-percent point between 540 and 640 degrees Fahrenheit, and kinematic viscosities between 2.0 and 3.6 centistokes at 100 degrees Fahrenheit.

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

3. **No. 4 Fuel:** A fuel oil for commercial burner installations not equipped with preheating facilities. It is used extensively in industrial plants. This

grade is a blend of distillate fuel oil and residual fuel oil stocks that conforms to ASTM Specification D 396 or Federal Specification VV-F-815C; its kinematic viscosity is between 5.8 and 26.4 centistokes at 100 degrees Fahrenheit. Also included is No. 4-D, a fuel oil for low- and medium-speed diesel engines that conforms to ASTM Specification D 975.

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

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

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

Gasohol: A blend of finished motor gasoline (leaded or unleaded) and alcohol (generally ethanol but sometimes methanol) in which 10 percent or more of the product is alcohol. For the purposes of this publication, gasohol may be included in any of the grades of gasoline, depending on how it was marketed.

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

Kerosene: A petroleum distillate that has a maximum distillation temperature of 401 degrees Fahrenheit at the 10-percent recovery point, a final boiling point of 572 degrees Fahrenheit, and a minimum flash point of 100 degrees Fahrenheit. Included are the two grades designated in ASTM D3699: No. 1-K and No. 2-K, and all grades of kerosene called range or stove oil. Kerosene is used in space heaters, cook stoves, and water heaters; it is suitable for use as an illuminant when burned in wick lamps.

Kerosene-Type Jet Fuel: A quality kerosene product with an average gravity of 40.7 degrees API, and a 10-percent distillation temperature of 400 degrees Fahrenheit. It is covered by ASTM Specification D

1655 and Military Specification MIL-T-5624L (Grades JP-5 and JP-8). A relatively low freezing point distillate of the kerosene type, it is used primarily for commercial turbojet and turboprop aircraft engines.

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

Major Refiners: Refiners with a total refinery capacity in the United States and its possessions of greater than or equal to 275,000 barrels per day as of January 1, 1982. See Tables 5 and 6 of the *Petroleum Supply Annual*, 1981 (pages 107-137) for a listing of refiners and their capacities. The following companies comprise the major refiners for this survey:

Amerada Hess; Amoco Oil Company; Ashland Oil, Inc.; Atlantic Richfield Company; BP Oil; Champlin Refining; Chevron; Citgo Petroleum; Conoco Inc.; Exxon; Lyondell Petrochemical; Marathon Oil Company; Mobil Oil Corporation; Phillips Petroleum Company; Shell Oil Company; Star Enterprise; Sun Company, Inc.; Texaco, Inc.; Unocal (formerly Union Oil Company of California); and Uno-Ven Company.

Prior to being acquired by other major refiners, Getty Oil Company and the Gulf Oil Corporation were also included as major refiners.

Motor Gasoline (Finished): A complex mixture of relatively volatile hydrocarbons, with or without small quantities of additives, blended to form a fuel suitable for use in spark-ignition engines. Specifications for motor gasoline, as given in ASTM Specification D 439-88 or Federal Specification VV-G-1690B, include a boiling range of 122 to 158 degrees Fahrenheit at the 10-percent point to 365 to 374 degrees Fahrenheit at the 90-percent point and a Reid vapor pressure range from 9 to 15 psi. "Motor gasoline" includes finished leaded gasoline, finished unleaded gasoline, and gasohol. Blendstock is excluded until blending has been completed. (Alcohol that is to be used in the blending of gasohol is also excluded.)

1. **Leaded Regular Gasoline:** Gasoline having an antiknock index ($R + M/2$) greater than or equal to 87 and less than or equal to 90, and containing more than 0.05 grams of lead or 0.005 grams of phosphorus per gallon.
2. **Unleaded Regular Gasoline:** Gasoline having an antiknock index ($R + M/2$) greater than or equal to 85 and less than 88, and containing not more than 0.05 grams of lead or 0.005 grams of phosphorus per gallon.

3. **Unleaded Midgrade Gasoline:** Gasoline having an antiknock index ($R + M/2$) greater than or equal to 88 and less than or equal to 90, and containing not more than 0.05 grams of lead or 0.005 grams of phosphorus per gallon.

4. **Premium Gasoline:** Gasoline having an antiknock index ($R + M/2$) greater than 90. Includes both *leaded* and *unleaded* premium gasoline.

- a. **Leaded Premium Gasoline:** Gasoline having an antiknock index ($R + M/2$) greater than 90, and containing more than 0.05 grams of lead or 0.005 grams of phosphorus per gallon.

- b. **Unleaded Premium Gasoline:** Gasoline having an antiknock index ($R + M/2$) greater than 90, and containing not more than 0.05 grams of lead or 0.005 grams of phosphorus per gallon.

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

Naphtha-Type Jet Fuel: A fuel in the heavy naphtha boiling range with an average gravity of 52.8 degrees API and 20 to 90 percent distillation temperatures of 290 degrees to 470 degrees F., meeting Military Specification MIL-T-5624L (Grade Jp-4). JP-4 is used for turbojet and turboprop aircraft engines, primarily by the military. Excludes ram-jet and petroleum rocket fuels.

OPEC: The acronym for the 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, Ecuador, Gabon, Indonesia, Iran, Iraq, Kuwait, Libya, Nigeria, Qatar, Saudi Arabia, United Arab Emirates, and Venezuela.

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.

Other Refiners: Refiners with a total refinery capacity in the United States and its possessions of less than 275,000 barrels per day as of January 1, 1982. See Tables 5 and 6 of the *Petroleum Supply Annual*, 1981 (pages 107-137) for a listing of refiners and their capacities.

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, South Dakota, Ohio, Oklahoma, 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.

Prime Supplier: 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.

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. Excludes feedstock propanes, which are propanes not classified as consumer grade propanes, including the propane portion of any natural gas liquids (NGL) mixes; i.e., butane-propane mix.

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.

Reseller: A firm (other than a refiner) that carries on the trade or business of purchasing refined petroleum products and reselling them without substantially changing their form 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 without substantially changing their form to purchasers who may be either ultimate or other than ultimate consumers.

Residential: In cases of sales of No. 2 fuel oil, includes individual customers or households (as opposed to businesses or institutions) that ostensibly use the fuel in a residence. Sales to apartment buildings/complexes or to other multifamily dwellings are excluded from the residential category and are included in the commercial/institutional category.

Residual Fuel Oils: The topped crude of refinery operations, which includes No. 5 and No. 6 fuel oils as defined in ASTM Specification D 396 and Federal Specification VV-F-815C, Navy Special fuel oil as defined in Military Specification MIL-F-859E including Amendment 2 (NATO symbol F-77), and bunker C fuel oil. Residual fuel oil is used for the production of electric power, space heating, vessel bunkering, and various industrial purposes.

Retailer: A firm (other than a refiner, reseller, or reseller/retailer) that carries on the trade or business of purchasing refined petroleum products and reselling them to ultimate consumers without substantially changing their form.

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 given up exceeds the amount received and the differential is invoiced as a sale during the reference month.

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

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

Seller Type: Categories of major refiners and other refiners and gas plant operators.

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.

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