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Petroleum Marketing Monthly

June 1993

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

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- *Petroleum Marketing Monthly*
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- *Monthly Energy Review*
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- *Short Term Energy Outlook*
Updated 60 days after the end of the quarter.
- *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

Crude oil prices on international markets retreated slightly in March 1993, ending a 2-month recovery from the low point reached in mid-January. The increase in market prices before and after the February meeting of the Organization of Petroleum Exporting Countries (OPEC) reflected cutbacks in the organization's crude oil output quotas, designed to lessen the persistent world oil supply surplus. While OPEC was successful in reducing production for March, market participants appeared to believe that supply still exceeded anticipated demand.

In the United States, crude oil price movements paralleled those in international markets. Although day-to-day prices declined during March, the monthly average was higher than that for February, due to increases over the past 2 months. The West Texas Inter-

mediate crude oil spot price at Cushing, Oklahoma, reached a peak of \$21.05 per barrel on March 4, the highest since October 1992. Prices then fell for the next 2 weeks, recovering late in the month. The composite refiner acquisition cost of crude oil in the United States rose 40 cents (2.3 percent) in March, to \$18.04 per barrel.

U.S. petroleum product prices followed those for crude oil in the first half of March, but diverged toward the end of the month. The daily spot price of unleaded motor gasoline in New York Harbor peaked at 55.9 cents per gallon on March 4, dropped to 51.6 cents on March 22, then climbed sharply through the end of the month in anticipation of the changeover to the low-volatility summer grade. The New York Harbor spot price of No. 2 heating oil peaked similarly at 59.8 cents per gallon on March 4, but fell for the remainder of the month, to close at 55.8 cents per gallon. With slight increases in gasoline and distillate sales offset by

Table HL1. U.S. Refiner Prices and Volumes of Petroleum Products
(Prices: Cents per Gallon Excluding Taxes, Volumes: Million Gallons per Day)

Products	Sales to End Users						Sales for Resale					
	March 1993		February 1993		March 1992		March 1993		February 1993		March 1992	
	Price	Volume	Price	Volume	Price	Volume	Price	Volume	Price	Volume	Price	Volume
Motor Gasoline	75.7	57.6	76.1	57.3	71.0	58.2	65.2	262.6	63.8	260.3	62.4	259.6
Leaded Regular	71.7	.6	75.9	.6	68.2	.8	63.9	3.1	64.4	2.9	60.3	4.0
Unleaded Regular	71.2	37.2	71.5	36.8	66.6	37.5	62.0	182.0	60.4	178.6	59.4	177.5
Unleaded Midgrade	80.3	9.0	80.3	9.0	74.6	8.9	68.7	27.2	67.5	26.9	64.9	26.9
Premium	87.8	10.9	88.0	10.9	83.0	11.0	74.8	50.4	73.3	51.8	71.6	51.2
Aviation Gasoline	99.4	.2	99.9	.2	98.0	.2	96.9	.6	96.5	.5	92.5	.7
Kerosene-Type Jet Fuel	60.6	40.8	59.8	39.2	55.5	38.5	60.3	8.6	60.5	7.5	54.6	7.6
Propane (Consumer Grade)	75.0	4.4	74.3	5.2	70.1	3.4	38.2	30.3	36.7	35.1	29.4	24.5
Kerosene	83.2	.2	81.3	.3	79.1	.2	65.4	3.3	63.7	4.3	58.4	2.7
No. 1 Distillate	69.2	.6	66.5	.9	63.0	.4	67.6	2.4	65.7	4.5	62.1	1.6
No. 2 Distillate	63.3	24.5	61.2	24.2	57.1	25.2	59.5	107.0	57.1	105.9	53.8	100.9
No. 2 Fuel Oil	66.2	3.4	64.6	3.7	60.5	3.2	59.0	56.2	56.9	57.1	53.6	51.5
No. 2 Diesel Fuel	62.9	21.1	60.6	20.5	56.6	22.0	60.0	50.8	57.4	48.9	53.9	49.5
No. 4 Fuel*	54.5	.8	52.4	.9	51.8	.8	53.5	.8	49.3	.7	46.5	.7
Residual Fuel Oil	35.6	19.4	34.4	21.6	27.9	24.8	32.9	13.2	31.1	14.2	24.5	18.0
Sulfur Content not > 1 %	42.6	7.0	40.8	7.7	34.8	8.4	39.0	6.2	35.5	6.8	31.2	5.8
Sulfur Content > 1 %	31.6	12.4	30.8	13.9	24.4	16.4	27.5	7.0	27.1	7.4	21.4	12.2

* 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."

sharply lower volumes of residual fuel, total refiner sales of the major petroleum products decreased 5.5 million gallons per day (0.9 percent) from February.

March 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 March climbed 50 cents (3.1 percent) to \$16.60 per barrel. The average landed cost of foreign crude oil rose 40 cents (2.3 percent) to \$17.50 per barrel. Domestic crude oil first purchase prices increased 42 cents (2.7 percent) to \$15.89 per barrel.

The average refiner acquisition cost of domestic crude oil in March was \$18.31 per barrel, a 47-cent increase (2.6 percent) from February. The average cost of imported crude oil to U.S. refiners rose 33 cents (1.9 percent) to \$17.74 per barrel.

Motor Gasoline

Total refiner sales of finished motor gasoline in March climbed 2.6 million gallons per day (0.8 percent) from February levels, to 320.2 million gallons per day. Wholesale sales increased 2.3 million gallons per day (0.9 percent) and retail sales climbed 300,000 gallons per day (0.5 percent).

Average refiner prices for motor gasoline fell 0.4 cent to 75.7 cents per gallon at the retail level, and rose 1.4 cents to 65.2 cents per gallon for wholesale. Including data reported by the sample of motor gasoline marketers, national average retail prices remained flat at 75.5 cents per gallon at company-operated retail outlets,

and increased 1.2 cents to 72.1 cents per gallon for sales to other end users. Average wholesale prices rose 1.4 cents to 65.4 cents per gallon.

No. 2 Distillate

Total refiner sales of No. 2 distillate climbed 1.4 million gallons per day (1.1 percent) to 131.5 million gallons per day. No. 2 fuel oil sales declined 1.1 million gallons per day (1.8 percent), while No. 2 diesel fuel sales rose 2.5 million gallons per day (3.6 percent).

Average retail prices rose in all categories in March. The national average residential price of No. 2 distillate fuel rose 0.8 cent to 95.4 cents per gallon, and the average wholesale price climbed 2.0 cents to 60.1 cents per gallon.

Residual Fuel Oil

Total refiner sales of residual fuel oil dropped 3.1 million gallons per day (8.7 percent) to 32.7 million gallons per day. Low-sulfur residual fuel sales fell 1.3 million gallons per day (9.0 percent), and high-sulfur sales declined 1.9 million gallons per day (8.9 percent).

Residual fuel oil prices generally increased in all categories in March. Refiner retail prices rose 1.8 and 0.8 cents per gallon for low-sulfur and high-sulfur residual fuel, respectively. Residual fuel wholesale prices for sales by refiners climbed 3.5 cents per gallon for low-sulfur and 0.4 cent per gallon for high-sulfur. Including data reported by the sample of residual fuel oil marketers, average retail prices were flat in the low-sulfur category, and increased 0.4 cent per gallon for high-sulfur. Average wholesale prices climbed 3.8 and 1.2 cents per gallon for low-sulfur and high-sulfur fuels, respectively.

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	16.10	17.10	17.84	17.41	17.64
March	15.89	16.60	17.55	18.31	17.74	18.04

^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	75.0	83.2	69.2	66.2	62.9	63.3	54.5	35.6

^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.

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

^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	No. 2 Distillate										
	Motor Gasoline	Aviation Gasoline	Kerosene Type Jet Fuel	Propane (Consumer Grade)	Kerosene	No. 1 Distillate	No. 2 Fuel Oil	No. 2 Diesel Fuel	Average	No. 4 Fuel ¹	Residual Fuel Oil
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	58.3	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	66.1	93.1	81.0	31.2	69.0	69.7	60.6	57.5	60.1	51.6	50.2
February	68.0	95.7	84.0	31.6	69.1	68.7	60.9	60.4	60.7	60.1	53.4
March	66.3	93.4	82.4	31.3	66.2	66.0	59.6	57.1	59.6	52.9	49.7
April	66.0	91.8	79.0	33.8	63.0	63.4	57.2	57.4	57.3	50.3	49.7
May	67.7	106.3	83.6	31.9	63.4	63.3	56.0	57.2	56.7	47.0	30.3
June	66.5	99.5	78.7	29.3	59.0	59.9	51.0	54.5	54.3	45.3	29.7
July	66.4	98.0	79.4	27.6	60.6	60.4	56.7	57.1	56.9	46.8	29.8
August	67.0	100.1	83.7	29.0	60.1	60.8	60.6	61.9	61.3	49.7	27.9
September	66.1	99.9	82.9	34.9	63.9	69.6	67.1	67.8	67.5	46.6	27.9
October	65.6	98.6	81.1	36.7	71.5	71.6	66.3	65.6	65.9	50.8	29.5
November	66.9	99.5	80.7	43.0	73.6	75.6	66.6	66.5	66.6	51.4	30.7
December	66.3	96.3	80.1	37.7	67.8	64.7	59.9	55.6	55.7	53.4	28.9
1991 Average	69.9	100.1	85.0	34.9	72.2	73.0	62.2	61.5	61.8	55.6	31.4
1992											
January	67.0	94.9	81.9	30.9	66.0	66.3	57.0	51.4	53.1	49.5	24.1
February	64.7	93.3	79.7	30.7	62.1	61.9	54.1	54.1	54.1	48.7	25.1
March	62.4	92.5	74.6	25.4	58.3	62.1	53.6	53.9	53.8	46.5	24.5
April	66.6	96.4	86.5	29.0	63.1	64.2	56.6	57.0	56.8	46.5	27.6
May	67.1	106.4	89.8	29.4	62.1	64.5	58.8	60.1	59.5	48.1	30.5
June	67.7	103.3	87.3	31.5	60.5	60.3	61.8	62.7	62.1	49.5	32.7
July	66.9	103.9	83.0	31.5	60.3	63.2	61.4	61.8	61.6	49.5	34.9
August	66.6	98.4	83.9	31.9	64.9	63.0	60.4	60.4	60.4	49.1	34.6
September	67.9	105.3	82.3	25.4	60.9	57.4	67.7	63.3	63.0	50.1	34.8
October	66.4	100.5	86.0	30.6	66.1	71.0	64.6	65.5	65.1	52.7	31.4
November	68.7	99.7	84.5	36.7	63.7	68.1	58.8	60.4	59.6	52.7	36.0
December	66.0	97.6	82.0	36.3	62.8	63.7	57.7	56.4	56.9	51.6	30.7
1992 Average	67.7	99.1	80.4	32.8	63.2	65.1	57.9	59.0	58.5	49.5	30.7
1993											
January	67.8	96.4	82.1	30.7	61.4	60.2	54.4	54.9	54.6	50.3	31.2
February	66.5	96.5	80.5	36.7	63.1	65.7	56.9	57.4	57.1	49.3	31.1
March	65.2	96.0	80.8	38.2	65.4	67.6	59.0	60.0	59.5	53.5	32.9

¹ Excludes No. 1 fuel oil and No. 3 diesel fuel.

Prices shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Abstract.

Sources: Energy Information Administration Form EIA-289, "Refiner's Gas Plant Operator's Monthly Petroleum Product Sales Report," January 1983 forward; Energy Information Administration Form EIA-103, "Petroleum Industry Monthly Report for Product Prices," source for backward calculations 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	262.6	.6	8.6	30.3	3.3	2.4	56.2	50.8	107.0	.8	13.2

^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 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		
	Mar. 1993	Feb. 1993	Mar. 1992	Mar. 1993	Feb. 1993	Mar. 1992	Mar. 1993	Feb. 1993	Mar. 1992
Motor Gasoline	76.4	76.9	71.6	73.9	74.0	69.4	75.7	76.1	71.0
Leaded Regular	68.3	73.1	65.5	80.8	82.5	74.0	71.7	75.9	68.2
Unleaded Regular	71.2	71.5	66.7	71.3	71.5	66.4	71.2	71.5	66.6
Unleaded Midgrade	81.0	81.0	75.1	77.6	77.7	72.5	80.3	80.3	74.6
Premium	90.1	90.5	83.5	81.1	80.7	81.2	87.8	88.0	83.0
Aviation Gasoline	101.2	101.3	98.8	89.4	W	W	99.4	99.9	98.0
Kerosene-Type Jet Fuel	60.7	59.9	55.3	60.4	59.2	56.7	60.6	59.8	55.5
Propane (Consumer Grade)	51.9	52.9	47.6	84.9	83.0	78.3	75.0	74.3	70.1
Kerosene	87.5	87.6	82.2	69.1	66.0	67.4	83.2	81.3	79.1
No. 1 Distillate	67.4	65.2	60.8	74.6	72.3	69.5	69.2	66.5	63.0
No. 2 Distillate	63.2	61.1	56.8	63.9	61.8	58.2	63.3	61.2	57.1
No. 2 Fuel Oil	66.6	65.1	60.6	64.7	63.2	60.2	66.2	64.6	60.5
No. 2 Diesel Fuel	62.7	60.4	56.3	63.8	61.5	57.8	62.9	60.6	56.6
No. 4 Fuel^a	W	W	W	57.5	53.3	56.8	54.5	52.4	51.8
Residual Fuel Oil	34.6	33.8	27.4	37.3	35.1	28.9	35.6	34.4	27.9
Sulfur Content not > 1 %	43.0	41.7	W	42.2	39.9	W	42.6	40.8	34.8
Sulfur Content > 1 %	31.1	30.7	W	32.9	31.1	W	31.6	30.8	24.4

^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		
	Mar. 1993	Feb. 1993	Mar. 1992	Mar. 1993	Feb. 1993	Mar. 1992	Mar. 1993	Feb. 1993	Mar. 1992
Motor Gasoline	66.6	65.5	63.4	60.2	57.4	59.1	65.2	63.8	62.4
Leaded Regular	63.6	65.7	59.8	64.4	61.5	61.1	63.9	64.4	60.3
Unleaded Regular	63.0	61.8	59.9	59.3	56.5	58.3	62.0	60.4	59.4
Unleaded Midgrade	69.3	68.3	65.3	62.7	59.7	61.3	68.7	67.5	64.9
Premium	76.1	74.7	72.7	65.6	62.4	64.2	74.8	73.3	71.6
Aviation Gasoline	98.7	98.7	94.2	83.8	83.1	81.3	96.9	96.5	92.5
Kerosene-Type Jet Fuel	61.1	61.4	55.4	59.0	59.0	52.9	60.3	60.5	54.6
Propane (Consumer Grade)	38.5	36.9	29.9	37.8	36.5	28.8	38.2	36.7	29.4
Kerosene	66.8	64.7	59.7	62.1	61.0	56.3	65.4	63.7	58.4
No. 1 Distillate	67.4	65.6	60.7	67.9	65.9	63.7	67.6	65.7	62.1
No. 2 Distillate	59.7	57.4	53.8	59.1	56.6	53.7	59.5	57.1	53.8
No. 2 Fuel Oil	59.3	57.2	53.6	58.6	56.3	53.6	59.0	56.9	53.6
No. 2 Diesel Fuel	60.2	57.7	54.0	59.7	56.8	53.8	60.0	57.4	53.9
No. 4 Fuel^a	W	W	W	54.5	48.3	45.8	53.5	49.3	46.5
Residual Fuel Oil	32.4	30.3	24.0	33.6	32.0	24.9	32.9	31.1	24.5
Sulfur Content not > 1 %	39.9	36.1	30.7	37.9	35.1	31.5	39.0	35.5	31.2
Sulfur Content > 1 %	26.6	27.1	21.6	28.9	27.1	21.1	27.5	27.1	21.4

^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 8. U.S. Refiner Petroleum Product Volumes to End Users by Seller
(Thousand Gallons per Day)

Product	Major Refiners			Other Refiners			Total		
	Mar. 1993	Feb. 1993	Mar. 1992	Mar. 1993	Feb. 1993	Mar. 1992	Mar. 1993	Feb. 1993	Mar. 1992
Motor Gasoline	41,943	41,689	42,754	15,671	15,627	15,470	57,614	57,316	58,224
Leaded Regular	449	395	552	170	164	256	619	559	807
Unleaded Regular	26,314	25,959	26,270	10,849	10,827	11,247	37,163	36,786	37,517
Unleaded Midgrade	7,082	7,184	7,207	1,891	1,847	1,688	8,973	9,031	8,895
Premium	8,098	8,151	8,725	2,760	2,788	2,279	10,858	10,939	11,004
Aviation Gasoline	163	W	W	29	W	W	192	173	197
Kerosene-Type Jet Fuel	35,563	33,956	33,329	5,201	5,207	5,212	40,764	39,163	38,541
Propane (Consumer Grade)	1,318	1,490	907	3,084	3,676	2,511	4,403	5,166	3,417
Kerosene	180	227	158	55	52	42	236	319	201
No. 1 Distillate	440	700	335	149	157	113	588	857	448
No. 2 Distillate	19,718	19,314	20,407	4,779	4,886	4,831	24,497	24,201	25,238
No. 2 Fuel Oil	2,655	2,833	2,389	767	837	852	3,422	3,670	3,241
No. 2 Diesel Fuel	17,063	16,481	18,018	4,012	4,049	3,979	21,075	20,531	21,997
No. 4 Fuel^a	W	W	W	W	W	W	821	934	845
Residual Fuel Oil	12,363	12,906	16,371	7,076	8,690	8,402	19,439	21,595	24,773
Sulfur Content not > 1 %	3,646	3,690	W	3,365	3,998	W	7,011	7,688	8,394
Sulfur Content > 1 %	8,717	9,216	W	3,711	4,692	W	12,428	13,907	16,379

^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. 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		
	Mar. 1993	Feb. 1993	Mar. 1992	Mar. 1993	Feb. 1993	Mar. 1992	Mar. 1993	Feb. 1993	Mar. 1992
Motor Gasoline	204,874	205,396	200,073	57,724	54,875	59,483	262,598	260,271	259,556
Leaded Regular	2,104	1,980	2,641	977	928	1,541	3,081	2,907	3,982
Unleaded Regular	134,046	133,277	128,699	47,937	45,370	48,797	181,982	178,647	177,496
Unleaded Midgrade	24,648	24,355	24,544	2,522	2,519	2,354	27,170	26,874	26,898
Premium	44,076	45,784	44,189	6,289	6,058	6,991	50,365	51,842	51,181
Aviation Gasoline	499	422	578	66	68	89	565	470	667
Kerosene-Type Jet Fuel	5,617	4,840	5,183	2,957	2,662	2,465	8,574	7,502	7,649
Propane (Consumer Grade)	17,032	20,362	14,067	13,252	14,781	10,459	30,284	35,143	24,526
Kerosene	2,314	3,265	1,610	999	1,063	1,050	3,313	4,328	2,660
No. 1 Distillate	1,308	2,420	853	1,117	2,038	767	2,425	4,457	1,619
No. 2 Distillate	66,565	69,488	61,116	40,413	36,428	39,830	106,978	105,917	100,947
No. 2 Fuel Oil	36,308	39,261	30,759	19,313	17,800	20,731	56,222	57,060	51,490
No. 2 Diesel Fuel	30,257	30,228	30,357	20,499	18,629	19,099	50,756	48,856	49,456
No. 4 Fuel^a	W	W	W	W	W	W	802	720	651
Residual Fuel Oil	7,895	7,560	7,869	5,321	6,650	10,141	13,216	14,210	8,010
Sulfur Content not > 1 %	3,470	2,671	2,089	2,746	4,116	3,711	6,217	6,787	5,800
Sulfur Content > 1 %	4,425	4,889	5,780	2,575	2,534	6,429	6,999	7,423	2,210

^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. 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									
March 1993	68.2	7,651	100.0	63.1	2,275	100.0	67.1	9,927	100.0
February 1993	67.4	6,918	100.0	61.0	1,974	100.0	66.0	8,892	100.0
March 1992	64.8	7,528	100.0	61.3	2,324	100.0	64.0	9,851	100.0
Sales to End Users									
March 1993	76.4	1,300	17.0	73.9	486	21.4	75.7	1,786	18.0
February 1993	76.9	1,167	16.9	74.0	438	22.2	76.1	1,605	18.0
March 1992	71.6	1,325	17.6	69.4	480	20.6	71.0	1,805	18.3
Through Company Outlets									
March 1993	77.0	1,444	16.3	74.3	466	20.5	76.2	1,710	17.2
February 1993	77.4	1,119	16.2	74.4	421	21.3	76.6	1,540	17.3
March 1992	72.0	1,262	16.8	69.6	457	19.6	71.4	1,719	17.4
Other End Users									
March 1993	65.0	56	.7	64.4	20	.9	64.8	76	.8
February 1993	64.5	49	.7	63.3	16	.8	64.2	65	.7
March 1992	63.1	63	.8	63.7	23	1.0	63.2	86	.9
Sales for Resale									
March 1993	66.6	6,351	83.0	60.2	1,789	78.6	65.2	8,141	82.0
February 1993	65.5	5,751	83.1	57.4	1,537	77.8	63.8	7,288	82.0
March 1992	63.4	6,202	82.4	59.1	1,844	79.4	62.4	8,046	81.7

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 March 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	71.7	72.6	63.9	71.6	62.9	62.0	80.7	67.3	68.7	88.4	71.8	74.8

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	182.0	8.7	.3	27.2	10.5	.4	50.4

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	73.8	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	77.0	65.0	66.6	74.3	64.4	60.2	76.2	64.8	65.2

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	204.9	15.0	.6	57.7	55.2	2.5	262.6

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. 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	62.1	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	72.3	71.7	76.1	60.1

^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	92.1	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	96.3	104.2	90.0	94.5

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	68.2	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	82.9	90.2	84.0	86.5	84.0	87.8	94.0	90.7	99.7	95.4

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

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	6.7	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	3.6	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

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	18.36	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	17.17	18.10	18.31	17.74	18.04

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	14.06
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	17.07	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	15.89	17.05	18.50	17.92	18.62	17.51	18.29	18.92	18.93	18.16	18.22	18.76	16.95

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	20.63	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	18.51	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	17.58	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	18.59	18.40	17.82	18.06	17.90	16.96	18.25	16.47	18.33	18.05	18.09

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	17.18	18.52	16.82	19.17	16.46	12.50	12.28	16.06	13.10	9.95

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	16.25	18.13	13.68	16.51	16.47	16.51
March	W	W	-	15.16	19.36	16.45	18.45	14.35	16.73	16.76	17.06

^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.

NA - Not available.

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 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	17.19	19.28	14.60	18.24	17.23	17.42
March	W	16.45	W	-	15.48	20.27	17.61	19.44	15.21	18.35	17.66	17.93

^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.

Dashes (-) = No data reported.

NA = Not available.

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 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	21.76	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	17.09	18.68	18.67	18.63
March	12.76	13.66	17.11	17.38	18.76	19.71	19.83

^a FOB = Free on Board. See Glossary.

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 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	13.32	13.80	17.05	17.94	19.23	19.49	19.64
March	13.89	14.42	17.58	18.14	19.48	20.41	20.84

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 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	16.09	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	4.42	18.79	19.94	33.35	18.52	3.70	1.27
March	3.98	19.91	19.94	27.72	24.06	2.87	1.53

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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 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	-	-	17.83	13.32
1st Quarter Average	W	17.03	W	-	W	17.14	12.87

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	W	W	W	W	18.45	-
1st Quarter Average	19.14	18.63	19.22	16.55	14.73	18.35	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	33.56	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	18.21	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	-	-	18.30	13.73
1st Quarter Average	W	18.05	W	-	17.02	17.66	13.27

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	35.26	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	21.68	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	19.13	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	18.44	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	18.22	15.75	19.28	W
March	20.61	20.17	20.02	18.57	16.45	19.44	-
1st Quarter Average	19.91	19.51	19.95	18.08	15.67	19.30	W

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 1990 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										
March 1993	75.9	65.1	71.4	62.4	79.1	69.0	86.9	74.9	75.2	65.4
February 1993	76.8	65.2	71.1	60.8	79.0	67.7	87.0	73.3	75.0	64.0
March 1992	71.2	61.5	68.4	60.2	75.7	65.9	83.7	72.1	72.0	63.0
PAD District I Average										
March 1993	77.0	NA	69.0	61.6	79.2	68.2	88.2	74.8	74.7	65.7
February 1993	75.8	84.0	69.4	60.5	79.5	67.3	88.8	73.4	75.1	64.7
March 1992	69.3	62.5	67.3	60.3	76.5	66.1	85.2	73.1	72.6	64.3
Subdistrict IA Average										
March 1993	W	-	73.7	62.0	82.8	68.4	91.5	74.4	78.8	65.7
February 1993	85.8	W	75.4	62.0	83.8	68.9	93.2	74.6	80.4	65.9
March 1992	85.3	-	72.1	61.6	80.3	67.3	87.6	73.6	76.8	65.1
Connecticut										
March 1993	-	-	74.8	64.0	84.0	69.4	95.0	74.6	80.9	67.8
February 1993	-	-	76.6	65.6	85.9	70.8	97.3	75.4	82.7	69.4
March 1992	-	-	72.2	63.1	80.3	68.3	88.6	75.9	77.5	67.3
Maine										
March 1993	-	-	75.7	59.6	87.5	63.6	92.3	70.0	80.1	62.0
February 1993	-	-	76.8	58.2	85.4	63.3	93.0	69.2	80.7	60.5
March 1992	-	-	75.4	60.4	85.4	65.2	91.0	72.1	79.1	62.7
Massachusetts										
March 1993	-	-	71.8	61.3	80.5	69.0	89.3	75.1	77.0	65.2
February 1993	NA	-	73.6	61.2	81.6	69.1	90.6	75.1	78.6	65.2
March 1992	W	-	69.8	60.7	78.6	67.0	86.0	72.5	74.9	64.2
New Hampshire										
March 1993	-	-	74.6	63.8	85.5	68.3	94.3	76.1	79.6	66.9
February 1993	-	-	76.1	63.9	86.8	69.1	95.8	76.5	81.1	67.2
March 1992	-	-	74.1	64.4	82.6	68.5	91.3	75.8	78.3	67.3
Rhode Island										
March 1993	-	-	71.6	60.2	79.7	65.9	86.6	71.9	76.9	63.7
February 1993	-	-	74.0	60.4	82.6	66.1	89.3	71.7	79.5	64.0
March 1992	-	-	69.0	60.1	75.9	64.8	83.4	70.2	74.0	63.2
Vermont										
March 1993	W	-	77.0	66.6	84.7	71.9	93.0	79.0	81.2	69.9
February 1993	W	W	77.9	67.4	84.7	72.4	94.2	80.6	82.2	71.0
March 1992	W	-	78.3	67.0	85.0	71.7	91.6	78.8	81.9	70.2
Subdistrict IB Average										
March 1993	78.2	NA	69.5	61.3	79.1	69.3	88.5	75.4	74.9	66.0
February 1993	79.2	W	71.1	62.0	80.8	70.6	90.4	74.6	76.6	66.6
March 1992	78.1	W	68.8	60.2	77.6	67.4	86.3	74.3	73.8	64.9
Delaware										
March 1993	-	-	68.7	60.5	77.2	65.6	86.9	72.6	73.7	64.0
February 1993	-	-	69.2	61.0	77.3	66.1	87.0	71.8	74.1	64.3
March 1992	-	-	68.0	58.3	76.0	63.1	86.6	68.6	73.1	61.8
District of Columbia										
March 1993	-	-	62.8	66.8	69.7	72.4	75.2	81.0	66.7	74.4
February 1993	-	-	64.4	68.7	72.5	72.0	77.5	82.2	68.4	75.5
March 1992	-	-	63.5	66.2	68.6	73.8	76.8	82.4	67.3	75.4
Maryland										
March 1993	-	-	68.1	63.3	79.1	69.5	85.9	74.7	73.2	67.5
February 1993	-	-	69.8	65.0	80.7	70.3	87.0	75.8	75.0	69.1
March 1992	-	-	70.1	64.6	80.5	71.1	88.2	77.9	75.5	69.5
New Jersey										
March 1993	W	W	75.4	61.1	87.4	73.1	95.6	76.5	82.9	66.5
February 1993	W	W	79.0	62.9	90.7	75.7	98.5	72.9	86.4	67.6
March 1992	W	W	69.3	58.6	80.0	67.2	86.5	72.7	76.1	63.2
New York										
March 1993	79.4	NA	69.9	62.6	79.8	71.0	88.9	77.8	74.8	68.0
February 1993	79.8	W	70.8	62.4	81.1	72.3	90.3	78.8	75.9	68.1
March 1992	79.5	W	69.6	61.5	78.3	69.4	87.2	76.9	74.0	67.0
Pennsylvania										
March 1993	NA	-	67.4	59.4	76.1	65.4	84.5	71.3	72.1	62.8
February 1993	77.6	W	68.8	59.6	77.6	66.2	86.3	71.2	73.8	63.0
March 1992	71.6	-	67.6	59.1	76.0	63.9	84.8	71.3	72.4	62.5

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										
March 1993	74.3	-	68.0	61.6	78.6	67.5	87.6	74.4	73.9	65.5
February 1993	69.9	-	67.6	58.8	78.3	64.9	87.4	71.7	73.5	62.8
March 1992	64.4	W	65.8	60.0	75.5	65.0	84.3	71.8	71.3	63.5
Florida										
March 1993	-	-	70.4	62.5	81.7	69.4	90.1	78.0	76.8	67.7
February 1993	-	-	70.5	59.6	81.8	66.6	90.2	75.7	76.8	65.0
March 1992	W	-	66.1	59.1	76.1	64.1	84.0	72.2	72.0	63.4
Georgia										
March 1993	73.1	-	66.3	61.8	76.8	66.9	86.3	73.5	72.4	65.2
February 1993	68.7	-	65.5	58.6	75.8	63.8	85.8	70.4	71.6	62.0
March 1992	64.8	-	65.0	60.1	74.8	65.0	84.6	71.4	70.9	63.4
North Carolina										
March 1993	-	-	65.7	60.5	75.2	65.7	83.9	70.9	70.8	63.4
February 1993	-	-	65.0	57.8	74.7	63.5	83.6	68.2	70.2	60.8
March 1992	W	-	64.5	60.0	73.9	64.9	83.0	70.4	69.7	62.9
South Carolina										
March 1993	-	-	64.7	61.5	74.8	65.8	84.9	71.1	69.7	63.9
February 1993	-	-	63.7	57.9	73.5	62.0	84.1	67.7	68.6	60.3
March 1992	W	-	64.5	60.3	74.3	64.2	84.0	70.2	69.3	62.8
Virginia										
March 1993	W	-	69.1	61.4	79.9	67.4	88.6	73.2	75.1	65.3
February 1993	W	-	69.3	59.4	80.4	65.9	89.1	71.0	75.4	63.5
March 1992	W	W	67.5	60.9	76.5	66.5	85.8	73.2	73.0	64.8
West Virginia										
March 1993	W	-	73.0	63.6	83.0	69.5	89.1	76.0	77.6	66.9
February 1993	W	-	73.5	61.9	84.2	67.7	89.4	74.2	78.2	65.2
March 1992	W	W	71.5	63.1	80.9	68.2	87.7	75.0	75.9	66.2
PAD District II Average										
March 1993	79.5	64.9	70.3	61.5	77.1	67.6	81.8	71.3	72.9	63.4
February 1993	78.0	62.4	69.2	58.7	76.5	65.3	81.3	68.8	72.0	60.7
March 1992	73.4	62.5	67.9	59.9	74.8	64.7	80.9	69.2	70.6	61.6
Illinois										
March 1993	76.1	69.5	70.8	60.6	78.2	69.9	83.2	73.1	73.9	63.6
February 1993	70.0	66.4	69.2	58.4	76.8	68.3	81.2	71.3	72.5	61.6
March 1992	69.9	67.1	66.7	58.8	73.5	65.1	80.9	67.8	69.8	61.1
Indiana										
March 1993	80.4	63.4	69.2	59.9	75.5	67.0	77.1	70.3	71.7	62.2
February 1993	80.4	61.3	68.3	57.5	75.1	64.1	78.2	68.2	71.1	59.9
March 1992	76.4	60.7	66.1	58.2	73.0	63.3	78.2	68.8	69.0	60.2
Iowa										
March 1993	75.5	63.5	72.6	63.8	80.6	71.2	81.7	71.8	73.6	64.5
February 1993	73.8	63.0	70.8	60.3	77.2	68.4	79.6	69.0	71.7	61.2
March 1992	74.3	65.3	70.4	61.8	77.1	68.2	78.8	69.7	71.3	62.6
Kansas										
March 1993	74.3	66.9	71.6	60.8	79.3	69.3	84.4	69.4	73.4	61.7
February 1993	71.0	63.5	69.9	57.3	77.6	65.8	82.5	66.0	71.7	58.3
March 1992	74.0	61.0	70.8	60.3	76.7	66.8	82.1	67.9	72.4	61.2
Kentucky										
March 1993	79.7	W	67.9	62.1	77.2	67.2	84.2	72.7	72.4	64.9
February 1993	76.0	W	68.1	59.4	77.0	64.7	83.8	70.4	72.4	62.3
March 1992	70.4	68.1	68.5	61.5	76.0	65.8	82.6	72.2	72.1	64.2
Michigan										
March 1993	81.0	65.1	68.1	60.5	74.8	66.2	79.7	70.8	70.6	62.6
February 1993	80.8	63.6	67.9	59.0	75.1	64.8	76.8	69.6	70.5	61.2
March 1992	77.8	64.3	64.6	59.1	71.7	63.4	79.0	69.5	67.4	61.1
Minnesota										
March 1993	79.9	66.4	79.1	65.6	85.8	72.5	90.0	73.9	81.0	66.7
February 1993	79.1	64.8	77.8	62.2	84.3	68.6	88.2	70.8	79.6	63.4
March 1992	74.4	63.9	71.3	62.5	78.9	67.5	80.2	69.7	73.0	63.4
Missouri										
March 1993	73.7	W	67.5	61.9	75.8	68.1	78.5	70.9	70.2	63.6
February 1993	71.6	W	65.7	58.9	74.9	65.4	80.6	67.9	68.9	60.7
March 1992	71.1	64.4	65.9	60.8	73.2	65.0	79.6	69.0	68.8	62.3

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										
March 1993	77.0	65.0	75.0	64.3	81.4	72.0	85.0	71.9	76.2	64.9
February 1993	74.9	61.3	71.7	60.5	78.0	68.8	80.6	68.3	72.9	61.2
March 1992	74.5	64.2	71.2	62.8	76.4	70.1	80.7	71.2	72.4	63.6
North Dakota										
March 1993	87.5	65.6	82.9	65.8	89.8	77.1	90.0	77.0	83.7	66.6
February 1993	85.7	62.3	80.9	62.3	86.8	75.5	89.3	74.3	81.8	63.2
March 1992	79.8	63.1	76.8	63.8	81.4	71.2	85.2	73.3	77.5	64.4
Ohio										
March 1993	84.3	W	68.1	61.4	75.4	67.0	80.0	71.2	71.3	63.4
February 1993	74.8	-	68.1	59.3	76.1	66.2	82.4	69.9	71.6	61.6
March 1992	77.6	62.0	69.7	59.7	77.2	65.2	84.6	70.8	72.9	61.9
Oklahoma										
March 1993	75.7	61.8	68.9	60.2	76.2	65.5	81.4	68.2	71.2	61.1
February 1993	70.9	60.6	66.2	56.3	73.8	62.2	78.8	64.4	68.6	57.3
March 1992	68.8	61.3	66.8	58.6	72.5	63.9	77.4	67.4	68.9	59.6
South Dakota										
March 1993	83.4	66.9	76.7	65.8	83.7	71.5	87.8	74.4	78.2	66.4
February 1993	77.0	62.1	74.3	61.6	81.5	68.9	85.3	69.6	75.7	62.2
March 1992	78.0	64.1	75.2	63.8	75.9	66.9	85.6	71.2	76.1	64.2
Tennessee										
March 1993	W	-	66.2	60.5	76.9	65.8	85.0	71.4	72.1	63.8
February 1993	W	-	64.4	57.0	75.5	62.6	83.7	67.6	70.6	60.3
March 1992	W	W	64.5	59.6	74.8	64.0	82.3	70.0	69.8	62.6
Wisconsin										
March 1993	78.9	66.0	71.5	60.4	79.3	66.9	84.1	69.6	73.6	61.9
February 1993	79.8	65.2	70.4	57.9	77.9	64.3	83.0	67.3	72.6	59.5
March 1992	77.2	63.6	67.4	58.6	73.3	62.7	78.2	67.1	69.4	59.8
PAD District III Average										
March 1993	82.2	70.1	70.3	59.6	78.7	66.1	86.3	70.0	74.5	61.9
February 1993	80.2	64.9	68.8	56.4	77.5	63.2	84.9	66.7	73.2	58.7
March 1992	71.0	61.7	68.1	58.8	76.1	65.5	83.2	69.0	72.2	61.0
Alabama										
March 1993	W	-	69.5	61.5	78.0	66.8	86.2	73.1	74.1	64.8
February 1993	W	-	68.4	58.0	77.2	63.8	85.7	69.9	73.1	61.3
March 1992	W	W	69.3	60.4	76.3	65.8	85.5	72.0	73.3	63.6
Arkansas										
March 1993	66.6	W	69.4	60.5	78.1	65.0	85.3	69.3	72.8	62.5
February 1993	67.5	W	67.6	56.8	75.1	61.5	82.7	65.9	70.7	58.9
March 1992	67.0	W	66.9	60.0	73.9	63.9	81.6	69.0	70.0	62.0
Louisiana										
March 1993	78.3	-	69.7	59.3	79.7	68.0	85.0	72.8	74.7	62.6
February 1993	78.6	-	69.0	56.1	79.0	65.2	85.4	69.3	74.1	59.3
March 1992	75.0	-	68.7	59.9	77.7	66.7	83.5	70.7	73.4	63.1
Mississippi										
March 1993	W	-	69.9	58.8	77.7	64.8	85.7	67.2	74.2	60.9
February 1993	W	-	69.2	55.4	77.2	61.4	84.7	61.8	73.5	57.5
March 1992	W	-	66.9	56.4	73.6	63.8	81.3	67.5	70.7	58.8
New Mexico										
March 1993	84.8	70.5	83.6	69.7	89.0	75.5	95.9	79.0	85.1	70.8
February 1993	81.7	65.2	80.6	65.0	84.6	73.7	93.2	73.9	82.0	66.0
March 1992	72.1	61.8	71.8	60.7	78.9	64.3	84.4	70.2	73.2	61.8
Texas										
March 1993	79.3	69.4	69.4	58.9	78.7	65.6	86.4	68.8	73.9	60.9
February 1993	78.8	64.0	67.7	55.9	77.4	63.1	84.6	66.1	72.5	57.9
March 1992	71.3	61.5	67.7	58.5	76.3	65.6	83.2	68.0	72.1	60.4
PAD District IV Average										
March 1993	77.2	66.0	75.4	65.3	82.8	70.8	87.5	73.2	77.9	66.7
February 1993	75.2	62.3	74.4	62.0	81.7	68.6	86.8	69.9	76.8	63.4
March 1992	73.6	63.4	71.2	63.4	74.2	68.3	81.5	70.7	73.3	64.6
Colorado										
March 1993	81.6	68.0	76.7	65.1	84.8	71.1	91.7	73.1	79.9	66.7
February 1993	80.1	64.9	75.8	62.1	83.5	68.9	90.8	70.5	79.0	63.9
March 1992	75.8	66.8	72.1	65.7	76.6	70.3	83.9	72.8	74.8	67.2

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
Idaho										
March 1993	73.1	65.5	72.1	65.4	79.8	W	82.6	73.3	73.2	66.3
February 1993	70.8	62.6	69.5	62.7	75.9	W	80.5	71.0	70.6	63.6
March 1992	71.5	62.8	70.6	62.8	72.2	65.5	80.9	70.7	71.6	63.5
Montana										
March 1993	76.8	65.4	76.8	65.2	W	-	82.7	73.2	77.5	66.5
February 1993	75.1	60.8	75.0	61.0	W	-	81.8	68.4	75.9	62.1
March 1992	74.8	62.8	72.8	61.9	W	-	79.3	68.9	74.1	63.0
Utah										
March 1993	75.8	65.6	72.2	65.4	77.1	69.5	82.2	72.9	74.9	67.1
February 1993	73.1	62.2	72.0	62.4	75.1	67.9	81.8	70.0	74.1	64.1
March 1992	70.5	60.9	66.8	60.7	67.7	62.8	75.9	68.4	69.0	62.1
Wyoming										
March 1993	78.3	66.6	78.8	66.1	83.3	W	87.2	73.8	79.8	67.3
February 1993	76.7	61.4	76.7	60.7	78.5	W	85.4	68.3	77.7	62.0
March 1992	76.0	64.7	76.1	64.2	W	67.4	84.5	71.6	77.1	65.3
PAD District V Average										
March 1993	73.8	64.0	79.5	69.3	86.2	78.0	96.1	85.5	82.1	72.7
February 1993	76.7	66.8	82.1	71.0	88.2	80.0	99.0	87.5	84.6	74.5
March 1992	69.6	60.5	71.7	61.8	75.0	67.7	86.3	75.7	74.2	64.9
Alaska										
March 1993	110.7	83.7	103.7	79.2	-	-	104.8	85.9	104.2	80.0
February 1993	116.0	90.9	113.6	86.1	-	-	115.0	97.5	113.9	87.1
March 1992	101.1	75.9	100.3	73.8	-	-	98.7	81.4	100.2	74.7
Arizona										
March 1993	79.8	74.7	83.1	75.4	88.5	75.7	99.1	87.3	84.5	76.9
February 1993	79.9	72.4	83.3	73.9	89.5	72.5	100.0	87.6	84.6	75.4
March 1992	69.3	63.0	71.6	65.0	75.1	66.8	86.7	77.9	73.1	66.6
California										
March 1993	W	83.7	79.9	70.8	86.1	78.2	97.2	87.7	83.6	74.9
February 1993	W	82.8	82.3	71.7	88.4	80.1	99.6	89.2	85.9	75.9
March 1992	W	70.9	69.8	61.6	74.4	67.5	84.9	75.3	75.4	65.1
Hawaii										
March 1993	-	-	95.0	92.8	100.6	99.6	110.9	106.4	100.0	98.2
February 1993	-	-	95.0	92.6	99.5	99.2	110.4	106.1	99.7	98.0
March 1992	-	-	89.6	81.0	97.9	90.1	106.0	97.3	95.2	87.2
Nevada										
March 1993	91.2	72.9	80.2	65.7	80.9	71.4	96.9	78.6	82.7	68.2
February 1993	86.3	72.3	80.9	66.3	82.4	71.7	97.5	78.3	83.5	68.8
March 1992	73.9	66.3	75.1	61.6	73.1	62.7	89.4	73.7	76.9	63.8
Oregon										
March 1993	75.6	63.0	79.0	64.4	W	W	95.4	77.2	79.9	65.7
February 1993	78.5	66.5	81.9	68.0	W	-	99.5	81.2	83.0	69.3
March 1992	73.7	59.6	76.9	60.7	W	W	91.6	74.3	77.7	61.9
Washington										
March 1993	64.8	59.4	68.3	59.5	85.5	70.2	84.2	72.4	69.9	61.7
February 1993	70.2	63.4	74.6	64.9	74.2	W	91.0	77.6	76.0	66.8
March 1992	65.3	59.3	68.4	59.0	W	W	83.7	72.5	69.9	61.2

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										
March 1993	75.2	78.6	71.6	69.9	79.7	74.2	87.8	78.9	75.5	72.1
February 1993	77.0	76.2	71.4	68.7	79.7	72.5	87.9	77.9	75.5	70.9
March 1992	70.4	74.4	68.4	68.3	76.1	72.4	84.3	77.8	72.2	70.5
PAD District I Average										
March 1993	74.4	78.3	69.4	66.0	80.0	72.4	89.5	77.8	75.3	69.4
February 1993	70.4	79.4	69.9	65.2	80.5	71.2	90.1	77.1	75.8	68.7
March 1992	64.0	78.2	67.5	65.4	77.1	71.8	86.0	77.3	73.0	69.1
Subdistrict IA Average										
March 1993	-	W	74.6	63.4	84.7	68.8	93.5	72.3	80.1	66.4
February 1993	NA	W	76.2	64.5	85.8	68.8	95.3	72.2	81.7	67.3
March 1992	-	85.3	73.2	62.4	82.0	68.4	89.3	71.7	78.0	65.6
Connecticut										
March 1993	-	-	75.3	64.7	85.2	71.1	96.2	75.2	81.6	68.9
February 1993	-	-	77.1	65.9	86.9	73.5	98.5	76.0	83.4	70.4
March 1992	-	-	72.7	62.2	81.4	69.5	89.8	73.1	78.3	66.9
Maine										
March 1993	-	-	76.4	66.8	89.0	73.9	93.6	79.3	80.9	70.4
February 1993	-	-	77.5	69.1	86.9	74.0	94.3	81.1	81.5	72.4
March 1992	-	-	77.0	62.2	87.1	73.7	93.2	72.8	80.8	65.7
Massachusetts										
March 1993	-	-	73.3	60.4	83.4	66.2	92.6	68.6	79.0	63.5
February 1993	NA	-	74.9	60.0	84.6	65.3	94.2	67.3	80.5	63.2
March 1992	-	W	71.0	60.6	81.2	65.8	88.4	69.6	76.5	63.9
New Hampshire										
March 1993	-	-	75.2	66.2	86.2	71.4	94.6	82.2	80.3	68.2
February 1993	-	-	76.5	69.0	87.7	68.5	96.4	76.9	81.7	69.8
March 1992	-	-	75.3	62.8	84.0	66.0	92.3	73.0	79.6	64.3
Rhode Island										
March 1993	-	-	72.2	62.3	80.5	67.5	87.3	71.1	77.6	65.0
February 1993	-	-	74.7	61.9	83.4	68.6	89.8	75.3	80.3	65.7
March 1992	-	-	69.4	61.7	76.4	66.9	83.6	72.4	74.4	63.9
Vermont										
March 1993	-	W	78.1	71.1	86.9	76.3	94.8	82.7	82.7	74.1
February 1993	-	W	79.2	71.8	88.1	73.3	96.0	83.5	83.9	74.1
March 1992	-	W	79.8	71.2	87.4	76.0	93.7	80.2	83.6	73.7
Subdistrict IB Average										
March 1993	W	77.9	70.1	66.4	80.5	71.7	90.3	78.0	75.9	69.4
February 1993	W	79.1	71.9	66.5	82.5	72.0	92.4	77.9	77.8	69.7
March 1992	74.9	78.2	69.3	65.7	78.6	72.4	87.7	77.8	74.5	69.4
Delaware										
March 1993	-	-	69.7	63.3	78.1	72.0	88.3	76.1	74.8	67.0
February 1993	-	-	70.2	64.0	78.8	70.1	88.9	75.3	75.4	67.2
March 1992	-	-	68.6	64.2	76.9	70.1	87.7	76.6	74.0	67.3
District of Columbia										
March 1993	-	-	W	61.8	W	62.6	W	71.4	W	64.2
February 1993	-	-	W	63.0	W	64.1	W	70.5	W	64.6
March 1992	-	-	W	61.3	W	60.5	W	72.8	W	64.2
Maryland										
March 1993	-	-	70.0	63.6	80.7	73.8	87.9	78.3	75.5	67.1
February 1993	-	-	71.3	65.8	82.3	74.6	89.4	78.4	76.8	69.2
March 1992	-	-	72.2	64.7	83.3	72.7	91.1	78.8	78.1	68.6
New Jersey										
March 1993	-	W	77.1	67.2	90.6	71.2	98.9	77.0	85.4	70.4
February 1993	-	W	81.2	68.4	93.6	72.4	101.9	79.3	89.1	71.9
March 1992	-	W	70.5	63.7	81.7	72.0	89.3	74.5	77.8	68.4
New York										
March 1993	W	78.5	70.5	65.9	81.7	69.3	91.1	76.7	75.8	68.7
February 1993	W	79.6	71.5	66.2	82.8	70.2	92.8	75.1	77.0	68.6
March 1992	74.9	79.6	70.1	65.7	79.6	70.1	88.6	76.2	74.8	68.6
Pennsylvania										
March 1993	-	NA	67.2	68.4	76.5	73.2	84.9	81.5	72.3	71.1
February 1993	-	77.6	69.1	66.6	78.6	72.5	87.0	80.6	74.3	70.4
March 1992	-	71.6	67.7	67.4	76.3	74.4	85.2	82.1	72.5	71.3

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										
March 1993	73.1	W	68.2	66.0	79.1	73.6	88.4	78.6	74.2	70.0
February 1993	68.7	W	67.9	64.3	79.0	71.2	88.3	77.4	74.0	68.2
March 1992	W	76.0	65.8	65.8	75.8	72.1	84.8	78.0	71.5	69.5
Florida										
March 1993	-	-	70.6	65.9	82.6	72.3	91.2	77.0	77.2	70.3
February 1993	-	-	70.8	64.4	83.0	69.2	91.3	74.5	77.4	68.0
March 1992	W	-	66.1	65.7	76.7	69.9	84.7	75.3	72.2	69.0
Georgia										
March 1993	73.1	-	66.2	67.0	77.1	73.6	86.9	79.6	72.6	70.4
February 1993	68.7	-	65.5	65.1	76.2	70.6	86.3	79.3	71.9	68.5
March 1992	64.8	-	64.7	68.7	74.9	74.3	84.9	80.9	70.8	72.5
North Carolina										
March 1993	-	-	65.9	63.3	75.3	73.6	84.5	76.3	71.2	66.6
February 1993	-	-	65.2	62.0	74.9	71.2	84.1	75.7	70.6	65.4
March 1992	W	W	64.5	63.9	74.0	73.3	83.3	77.5	69.9	67.1
South Carolina										
March 1993	-	-	64.7	65.0	75.1	70.6	85.5	78.5	69.8	68.9
February 1993	-	-	63.9	61.0	74.3	66.1	84.8	74.4	69.0	64.3
March 1992	W	-	64.5	64.8	74.6	70.1	84.7	75.3	69.3	68.0
Virginia										
March 1993	-	W	69.2	68.6	80.3	77.0	89.6	81.6	75.4	72.8
February 1993	-	W	69.6	67.2	80.9	76.8	90.0	82.5	75.8	72.2
March 1992	W	W	67.7	66.6	77.0	73.3	86.6	80.8	73.3	70.9
West Virginia										
March 1993	-	W	73.6	68.3	84.2	73.9	90.7	80.6	78.4	72.0
February 1993	-	W	74.5	65.7	85.5	72.5	91.7	78.6	79.3	70.1
March 1992	W	W	72.3	66.1	82.1	73.2	89.4	78.7	76.8	69.9
PAD District II Average										
March 1993	79.6	79.4	70.3	70.6	77.2	76.6	82.0	78.9	72.9	72.6
February 1993	78.1	77.8	69.2	68.8	76.7	74.6	81.6	77.5	72.1	70.8
March 1992	71.6	76.2	67.8	68.6	74.8	74.1	81.2	77.7	70.6	70.4
Illinois										
March 1993	80.9	70.1	71.0	69.0	78.4	76.5	83.6	79.4	74.1	72.1
February 1993	77.0	W	69.4	67.5	77.2	74.7	81.6	76.6	72.7	70.3
March 1992	72.7	68.6	66.3	69.4	73.6	72.9	81.3	77.4	69.6	71.2
Indiana										
March 1993	79.3	80.5	69.2	69.1	76.0	72.8	76.7	82.1	71.6	72.3
February 1993	79.1	80.7	68.4	67.3	75.4	72.7	77.9	82.1	71.1	71.1
March 1992	80.3	75.9	66.1	65.8	73.0	72.5	78.1	79.1	68.9	69.6
Iowa										
March 1993	75.2	75.7	71.9	76.7	78.9	NA	81.3	88.1	72.9	77.6
February 1993	76.1	72.1	70.2	74.2	76.3	87.0	79.1	88.0	71.2	74.9
March 1992	77.5	72.2	69.9	72.5	76.5	81.0	78.3	85.2	70.9	73.0
Kansas										
March 1993	75.5	74.1	71.3	75.5	79.2	81.8	84.8	79.6	73.1	76.1
February 1993	73.5	70.5	69.7	72.5	77.4	80.5	83.1	75.7	71.6	73.1
March 1992	74.0	74.0	70.5	73.6	76.5	80.1	82.5	76.3	72.2	74.1
Kentucky										
March 1993	W	W	68.4	64.0	77.8	73.1	84.9	78.4	72.9	68.2
February 1993	W	W	68.7	61.6	78.0	70.2	84.7	74.6	73.2	65.8
March 1992	70.3	W	68.8	66.5	76.0	76.1	82.9	78.8	72.3	70.5
Michigan										
March 1993	81.6	80.1	68.2	67.0	74.8	73.7	80.0	76.1	70.8	69.2
February 1993	82.4	78.7	68.0	67.0	75.2	72.8	76.8	75.6	70.6	69.0
March 1992	76.4	79.7	64.4	67.1	71.6	73.5	79.1	77.8	67.2	69.7
Minnesota										
March 1993	80.2	79.0	79.3	76.9	86.2	84.7	90.2	86.7	81.1	79.6
February 1993	79.8	76.4	78.1	74.2	84.9	81.5	88.3	86.2	79.8	76.5
March 1992	73.3	77.6	71.4	70.1	79.2	77.8	80.3	77.0	73.0	72.3
Missouri										
March 1993	73.6	75.0	66.9	72.2	75.4	79.6	78.3	84.0	69.8	73.9
February 1993	71.4	74.4	65.2	69.4	74.7	77.2	80.5	83.3	68.6	71.4
March 1992	70.3	78.1	65.4	70.1	72.4	79.5	79.3	86.6	68.4	72.3

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										
March 1993	79.2	74.3	75.7	70.2	82.8	W	85.2	76.6	76.8	71.6
February 1993	77.3	72.2	72.2	67.6	78.7	W	80.7	74.6	73.4	69.3
March 1992	75.3	72.5	72.4	NA	76.2	W	80.7	82.7	73.5	NA
North Dakota										
March 1993	89.8	85.1	84.0	80.7	90.5	88.6	93.2	78.5	85.1	81.0
February 1993	88.2	82.2	82.7	77.5	89.3	84.1	91.7	81.2	83.8	78.0
March 1992	81.6	77.5	78.4	74.2	83.5	79.5	85.1	86.4	79.1	74.7
Ohio										
March 1993	71.0	NA	68.1	68.1	75.6	73.5	80.2	76.8	71.4	70.4
February 1993	70.4	81.6	68.2	66.8	76.4	72.7	82.8	76.8	71.8	69.3
March 1992	74.0	83.0	70.0	66.8	77.8	70.9	85.2	77.0	73.3	69.0
Oklahoma										
March 1993	75.7	-	69.1	65.4	76.3	70.0	82.3	70.2	71.5	66.2
February 1993	71.0	W	66.5	63.0	73.8	66.5	79.6	66.4	69.0	63.4
March 1992	69.1	64.4	67.3	62.7	72.7	66.0	78.3	69.2	69.5	63.8
South Dakota										
March 1993	85.1	79.5	76.9	75.9	83.2	NA	89.1	86.2	78.2	78.2
February 1993	77.1	76.2	73.9	76.0	80.9	W	85.9	84.4	75.2	78.0
March 1992	77.1	80.0	75.1	75.4	77.1	72.9	86.2	84.8	75.9	76.4
Tennessee										
March 1993	W	-	66.4	63.6	77.3	69.0	85.9	73.8	72.5	66.3
February 1993	W	-	64.8	59.9	76.0	65.9	84.7	71.4	71.2	63.2
March 1992	W	-	64.9	61.1	75.1	69.9	82.9	75.2	70.3	64.9
Wisconsin										
March 1993	77.5	80.2	71.4	72.4	79.3	79.4	84.1	83.4	73.5	73.8
February 1993	77.7	81.7	70.2	72.1	78.0	76.8	82.9	84.7	72.4	73.8
March 1992	74.8	79.6	67.2	68.6	73.2	74.3	78.3	76.0	69.2	70.2
PAD District III Average										
March 1993	82.5	80.3	70.7	67.4	79.5	70.8	87.8	74.8	75.2	69.3
February 1993	80.6	75.5	69.1	65.7	78.5	68.0	86.5	72.7	73.9	67.4
March 1992	71.0	71.0	68.0	68.4	76.7	70.5	84.0	75.6	72.4	70.0
Alabama										
March 1993	W	-	69.7	67.7	78.9	72.8	87.6	78.6	74.5	71.3
February 1993	W	-	68.7	66.4	78.3	70.1	86.9	77.8	73.6	69.3
March 1992	W	-	69.4	68.5	77.0	72.8	86.3	80.5	73.6	71.8
Arkansas										
March 1993	67.8	W	69.3	70.5	77.9	80.9	86.0	78.7	72.8	72.9
February 1993	68.0	W	67.6	66.9	75.3	73.0	83.6	75.1	70.9	69.1
March 1992	67.3	W	66.9	67.3	74.1	71.7	81.9	76.5	70.1	69.2
Louisiana										
March 1993	W	NA	69.8	69.0	80.1	69.6	88.3	NA	75.3	69.3
February 1993	W	W	69.5	64.9	79.4	69.2	87.6	69.8	75.0	66.5
March 1992	W	W	68.5	71.5	78.0	72.5	85.2	72.5	73.6	71.9
Mississippi										
March 1993	W	-	69.9	69.8	78.2	72.2	86.7	80.1	74.5	72.3
February 1993	W	-	69.5	67.1	77.8	71.0	85.9	77.6	73.9	69.9
March 1992	W	-	66.7	68.3	73.7	73.0	81.5	79.8	70.6	71.1
New Mexico										
March 1993	85.0	83.2	84.4	77.4	90.4	80.2	97.7	85.2	85.9	79.1
February 1993	82.2	77.1	81.5	72.5	86.6	72.5	95.6	80.0	83.0	73.9
March 1992	72.3	71.0	72.2	69.4	79.2	74.3	85.7	77.2	73.7	70.4
Texas										
March 1993	79.4	77.4	70.0	65.7	79.6	68.8	87.7	73.5	74.8	67.2
February 1993	78.9	72.9	68.1	64.8	78.6	66.5	86.1	70.3	73.3	65.9
March 1992	71.4	69.3	67.7	67.8	77.0	69.0	83.9	73.9	72.4	69.0
PAD District IV Average										
March 1993	77.6	76.3	75.5	74.8	83.0	73.2	88.5	82.1	78.3	76.1
February 1993	76.1	73.2	74.7	72.2	81.9	74.0	87.9	79.5	77.3	73.4
March 1992	73.4	73.9	71.0	72.2	74.3	73.1	81.9	78.9	73.2	73.5
Colorado										
March 1993	83.3	78.1	77.0	74.1	85.1	70.2	93.3	81.2	80.4	75.7
February 1993	81.7	75.1	76.3	71.7	83.8	70.4	92.5	77.8	79.7	73.0
March 1992	75.3	77.6	71.8	74.1	76.8	71.6	84.4	80.0	74.7	75.6

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										
March 1993	72.4	74.4	71.7	73.1	W	W	82.4	83.0	72.6	74.3
February 1993	70.2	71.9	69.1	70.5	W	W	80.4	80.6	70.2	71.6
March 1992	71.1	72.1	70.8	69.8	68.8	W	81.1	80.1	71.7	71.2
Montana										
March 1993	76.5	NA	76.4	77.5	W	W	81.9	84.5	77.1	78.2
February 1993	75.9	74.2	75.3	74.3	W	W	81.8	81.8	76.2	75.2
March 1992	73.3	77.0	71.9	75.0	W	W	78.1	83.0	73.1	76.5
Utah										
March 1993	75.7	76.2	72.0	73.3	77.0	NA	82.3	81.1	74.8	75.5
February 1993	73.0	73.7	72.1	70.6	74.9	NA	82.0	79.4	74.2	73.0
March 1992	71.1	67.4	66.9	66.0	67.6	W	76.3	72.3	69.2	67.4
Wyoming										
March 1993	79.7	75.1	78.9	78.5	83.3	-	88.4	84.1	80.2	78.8
February 1993	79.4	71.0	76.9	76.0	78.5	-	86.4	82.4	78.3	75.8
March 1992	77.0	73.3	76.5	74.6	W	-	85.8	80.0	77.7	75.0
PAD District V Average										
March 1993	73.1	79.7	79.9	76.7	87.0	79.7	97.3	87.2	82.5	78.6
February 1993	76.6	77.3	82.8	77.0	89.2	80.0	100.3	88.2	85.4	78.7
March 1992	69.2	72.9	71.8	70.9	75.3	71.7	86.9	81.5	74.4	72.6
Alaska										
March 1993	104.7	NA	NA	88.1	-	-	109.1	86.3	107.7	90.5
February 1993	114.5	126.1	NA	94.7	-	-	120.5	93.6	118.4	95.8
March 1992	100.0	NA	104.4	87.3	-	-	103.6	81.0	103.9	88.1
Arizona										
March 1993	79.7	82.2	83.2	82.1	88.6	W	99.3	97.1	84.6	83.1
February 1993	80.5	75.6	84.0	77.5	89.5	W	100.7	90.5	85.4	78.0
March 1992	69.2	70.5	71.7	70.8	75.1	-	87.0	80.2	73.3	71.4
California										
March 1993	W	W	80.6	75.1	86.8	80.0	98.6	87.2	84.4	77.8
February 1993	W	W	83.2	75.8	89.1	81.3	101.2	88.0	86.9	78.5
March 1992	-	W	69.9	69.5	74.8	70.5	85.4	80.4	73.7	71.6
Hawaii										
March 1993	-	-	103.0	78.5	110.9	77.9	119.2	90.7	108.5	81.5
February 1993	-	-	102.3	79.2	110.1	78.2	118.4	90.9	107.7	82.1
March 1992	-	-	97.5	75.7	110.9	77.0	115.3	87.0	104.2	78.8
Nevada										
March 1993	81.2	NA	80.6	75.0	81.0	76.2	97.1	88.3	83.1	76.6
February 1993	82.7	NA	81.5	74.1	82.6	76.1	97.7	87.6	84.1	75.2
March 1992	73.4	77.2	76.1	69.2	73.3	69.8	90.1	81.4	77.8	70.7
Oregon										
March 1993	74.5	80.4	78.9	79.4	W	W	96.1	89.4	79.9	80.1
February 1993	78.1	80.6	82.2	80.0	W	-	100.4	90.0	83.4	80.8
March 1992	73.7	73.8	77.5	73.4	W	-	92.3	87.2	78.3	74.8
Washington										
March 1993	64.0	72.0	68.0	70.8	W	W	84.9	78.7	69.6	72.5
February 1993	70.0	72.7	74.7	73.9	W	W	91.7	83.2	76.2	74.6
March 1992	64.7	70.4	68.3	69.6	-	W	84.0	79.8	69.8	71.0

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: 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												
March 1993	77.0	65.0	66.6	74.3	64.4	60.2	76.2	64.8	65.2	75.0	73.4	66.4
February 1993	77.4	64.5	65.5	74.4	63.3	57.4	76.6	64.2	63.8	74.7	72.1	64.6
March 1992	72.0	63.1	63.4	69.6	63.7	59.1	71.4	63.2	62.4	72.9	72.0	65.0
PAD District I Average												
March 1993	76.7	62.6	66.1	72.0	62.9	59.3	75.9	62.7	65.4	75.0	70.9	66.8
February 1993	77.4	61.8	65.4	72.4	61.7	56.9	76.6	61.8	64.6	75.4	70.3	65.3
March 1992	71.4	61.4	64.8	70.4	62.7	57.9	71.2	61.9	64.0	73.9	71.1	65.2
Subdistrict IA Average												
March 1993	82.8	60.7	65.9	-	W	57.2	82.8	59.1	65.4	79.7	68.5	66.4
February 1993	85.4	61.0	66.9	-	W	55.1	85.4	58.7	66.2	81.1	69.6	65.2
March 1992	74.7	NA	65.9	-	W	W	74.7	59.2	65.3	78.6	68.6	64.8
Connecticut												
March 1993	W	64.5	67.2	-	W	W	W	63.8	66.9	80.9	71.3	70.8
February 1993	W	64.7	68.8	-	W	58.9	W	64.4	68.6	82.6	73.0	72.0
March 1992	W	NA	66.6	-	W	W	W	63.4	66.5	78.8	68.6	69.6
Maine												
March 1993	-	W	61.2	-	W	W	-	57.1	61.2	80.9	71.8	63.5
February 1993	-	W	60.4	-	W	W	-	56.9	59.1	81.5	73.4	63.9
March 1992	-	W	62.7	-	W	W	-	NA	62.4	80.8	70.9	62.9
Massachusetts												
March 1993	82.9	58.7	66.2	-	W	56.9	82.9	57.8	65.7	78.2	65.5	63.8
February 1993	85.5	59.6	67.6	-	W	W	85.5	57.3	67.2	79.4	65.5	61.0
March 1992	75.6	NA	66.3	-	W	W	75.6	58.6	65.6	76.7	66.2	61.7
New Hampshire												
March 1993	79.9	57.0	66.0	-	W	W	79.9	57.1	65.3	80.4	73.1	69.1
February 1993	82.4	W	66.5	-	W	W	82.4	55.8	65.7	81.5	74.9	69.4
March 1992	74.7	W	66.6	-	W	W	74.7	57.0	66.0	80.7	72.2	69.1
Rhode Island												
March 1993	W	W	65.9	-	W	W	77.0	60.7	64.2	77.7	66.6	62.3
February 1993	W	W	66.5	-	W	W	79.5	60.7	65.3	80.5	67.3	60.7
March 1992	W	W	64.8	-	W	W	72.0	NA	63.6	75.1	64.8	62.0
Vermont												
March 1993	-	W	W	-	W	W	-	W	66.6	82.7	74.5	71.1
February 1993	-	-	W	-	W	W	-	W	66.9	83.9	74.6	72.4
March 1992	-	W	W	-	-	W	-	W	66.7	83.6	73.9	71.6
Subdistrict IB Average												
March 1993	77.6	W	66.9	71.0	64.0	59.2	76.3	63.5	66.1	75.6	70.6	65.6
February 1993	80.4	W	67.9	72.3	63.8	58.3	78.8	63.9	67.0	77.0	71.1	65.4
March 1992	72.9	61.5	W	71.6	W	57.0	72.7	63.8	65.4	76.0	70.7	63.1
Delaware												
March 1993	W	W	W	-	-	57.3	W	W	64.1	74.1	68.4	63.7
February 1993	W	59.8	65.5	-	-	W	W	59.8	64.7	74.7	68.7	63.5
March 1992	W	NA	61.6	-	-	W	W	NA	61.4	73.8	69.6	63.0
District of Columbia												
March 1993	-	W	75.3	-	-	W	-	W	75.2	W	64.1	60.8
February 1993	-	W	76.1	-	-	-	-	W	76.1	W	64.4	63.7
March 1992	-	W	77.0	-	-	-	-	W	77.0	W	67.2	W
Maryland												
March 1993	-	59.5	68.1	-	W	65.7	-	59.6	67.7	75.5	68.2	66.3
February 1993	-	63.7	W	-	W	71.0	-	63.7	69.7	76.8	69.9	66.8
March 1992	-	60.6	71.2	W	W	60.3	W	60.5	69.8	78.1	70.3	68.3
New Jersey												
March 1993	86.6	62.2	68.4	W	W	56.4	86.2	63.2	67.0	84.2	73.0	64.7
February 1993	90.8	62.2	69.3	W	W	55.5	90.3	63.6	68.3	87.2	74.6	64.8
March 1992	77.5	60.0	66.3	W	W	55.5	77.5	63.3	64.8	78.4	69.4	59.8
New York												
March 1993	76.7	68.6	69.2	W	W	58.9	74.1	65.4	68.3	77.2	69.1	66.4
February 1993	78.5	68.1	69.5	W	W	57.1	75.7	65.8	68.6	78.0	69.0	66.1
March 1992	73.8	62.9	68.7	W	W	56.7	72.2	67.9	67.4	77.1	68.7	65.4
Pennsylvania												
March 1993	72.5	62.3	62.4	75.0	64.9	58.1	73.1	64.0	62.0	71.7	72.9	65.7
February 1993	75.4	62.8	63.5	76.5	63.6	55.6	75.6	63.3	62.4	73.1	72.7	65.0
March 1992	69.9	63.3	62.4	76.0	62.8	57.3	71.0	63.0	61.8	74.0	73.5	64.6

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												
March 1993	75.7	62.7	65.4	72.7	63.7	59.8	75.3	63.0	64.7	73.7	71.4	67.7
February 1993	75.4	60.6	62.7	72.4	60.9	56.1	74.9	60.6	61.9	73.6	69.7	65.3
March 1992	70.2	61.4	62.9	69.7	61.3	58.7	70.2	61.4	62.3	72.2	72.1	67.2
Florida												
March 1993	78.7	62.6	68.9	76.6	W	60.2	78.5	62.6	67.6	76.2	73.1	68.5
February 1993	78.1	59.4	66.4	74.4	W	56.6	77.8	59.5	64.9	77.1	71.3	65.8
March 1992	70.0	62.3	63.8	69.5	W	58.6	70.0	61.3	63.0	74.2	72.6	65.6
Georgia												
March 1993	70.2	62.0	63.6	70.2	W	59.6	70.2	62.0	63.2	73.7	72.3	69.8
February 1993	70.2	60.2	60.3	68.8	W	55.6	70.1	60.0	59.8	72.7	70.3	67.2
March 1992	68.1	62.9	61.4	67.1	-	59.1	67.9	62.9	61.1	72.1	73.7	68.5
North Carolina												
March 1993	70.6	60.0	62.5	W	W	59.5	69.9	60.0	62.3	71.4	67.1	65.5
February 1993	70.7	59.0	59.6	W	W	56.0	70.3	59.0	59.4	70.7	66.0	63.6
March 1992	68.3	58.3	61.4	W	-	58.4	68.0	58.3	61.1	70.2	70.3	66.7
South Carolina												
March 1993	68.3	62.5	62.7	W	-	59.2	68.0	62.5	62.4	70.7	69.8	66.8
February 1993	67.2	59.7	59.0	W	W	54.9	66.9	59.6	58.7	70.1	64.9	63.2
March 1992	65.4	63.0	61.3	W	-	58.3	65.6	63.0	61.0	71.0	70.0	66.4
Virginia												
March 1993	82.5	63.0	65.4	W	W	59.7	77.7	62.8	64.9	74.5	74.0	67.7
February 1993	83.4	62.6	63.7	W	W	55.9	78.7	61.6	63.0	74.8	73.2	66.4
March 1992	77.1	62.1	64.8	W	W	59.1	75.1	61.4	64.3	72.6	72.8	67.6
West Virginia												
March 1993	80.5	72.2	65.4	W	W	58.0	80.1	71.2	63.9	76.3	72.4	71.1
February 1993	81.0	70.3	63.4	W	W	56.3	80.5	69.2	62.0	77.7	70.5	69.7
March 1992	81.0	69.7	65.1	W	W	58.9	77.8	69.1	63.9	75.2	70.3	69.9
PAD District II Average												
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
February 1993	73.4	63.3	61.1	69.5	61.4	57.0	72.3	63.1	60.0	72.0	72.1	62.7
March 1992	71.1	63.4	61.3	66.8	59.2	59.4	69.9	63.0	60.7	71.1	71.7	64.2
Illinois												
March 1993	75.7	60.5	64.3	W	-	58.7	74.3	60.5	63.3	73.9	73.0	64.8
February 1993	73.9	59.4	62.3	W	-	56.2	72.4	59.4	61.2	73.0	71.1	62.9
March 1992	68.7	60.3	61.1	W	W	57.9	68.2	60.5	60.4	70.8	71.8	64.0
Indiana												
March 1993	72.3	60.2	62.4	W	W	59.3	70.7	60.2	61.9	72.5	72.9	63.6
February 1993	71.6	58.6	60.2	W	W	56.2	70.2	58.6	59.5	72.0	71.8	61.9
March 1992	68.4	59.9	59.9	W	W	59.1	67.7	59.8	59.7	70.0	70.3	62.9
Iowa												
March 1993	74.7	W	64.8	72.3	-	61.8	72.9	W	63.6	72.9	77.9	66.8
February 1993	75.2	61.3	61.7	71.1	-	58.0	72.0	61.3	60.3	71.0	75.2	63.7
March 1992	71.9	60.1	62.9	68.6	-	60.3	69.4	60.1	61.8	71.4	74.1	64.4
Kansas												
March 1993	74.6	W	64.0	70.7	W	60.0	72.4	62.8	61.1	73.4	77.6	64.9
February 1993	73.1	W	60.3	68.9	W	56.6	70.8	58.7	57.7	71.9	74.8	61.1
March 1992	72.4	62.9	62.3	69.6	W	59.9	70.8	61.9	60.8	72.9	75.1	63.3
Kentucky												
March 1993	74.2	66.0	63.7	69.9	-	61.5	73.7	66.0	63.6	72.4	69.1	67.7
February 1993	75.5	65.3	61.2	68.9	-	57.4	74.7	65.3	61.0	72.3	65.9	65.1
March 1992	72.7	67.9	62.7	68.4	-	60.4	72.1	67.9	62.6	72.4	71.4	67.7
Michigan												
March 1993	71.1	62.5	62.7	W	W	59.4	69.8	62.4	62.2	72.0	72.3	64.5
February 1993	71.2	63.2	61.3	W	W	57.6	69.9	63.0	60.8	71.5	71.4	63.0
March 1992	67.3	61.9	60.6	W	W	58.9	65.1	61.9	60.3	69.5	72.6	64.5
Minnesota												
March 1993	81.4	64.7	67.4	83.6	W	63.8	81.9	64.4	66.0	80.6	80.6	68.7
February 1993	80.0	62.5	63.9	81.8	W	59.9	80.4	64.5	62.4	79.4	77.7	66.0
March 1992	71.9	62.4	63.6	74.7	W	61.0	72.7	62.1	62.6	73.3	73.2	65.4
Missouri												
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
February 1993	73.5	59.2	60.9	67.9	W	56.8	71.0	59.1	59.7	67.6	72.8	62.0
March 1992	68.7	60.9	61.6	66.2	W	59.7	67.6	60.9	61.0	68.7	73.1	64.3

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												
March 1993	W	W	65.1	74.9	W	62.1	76.0	62.1	63.6	77.0	72.2	67.7
February 1993	W	W	61.4	70.4	W	58.1	71.3	W	59.7	74.0	70.0	64.6
March 1992	W	60.4	63.7	70.3	-	61.3	71.5	60.4	62.5	74.1	NA	66.1
North Dakota												
March 1993	84.6	W	68.5	W	-	63.2	84.4	W	65.8	85.1	81.2	68.3
February 1993	82.3	61.8	65.4	W	-	59.5	81.9	61.8	62.4	83.9	78.2	65.0
March 1992	79.0	W	65.3	W	-	62.4	78.2	W	63.9	79.2	74.7	65.4
Ohio												
March 1993	72.2	66.3	63.2	W	W	60.2	71.7	66.4	63.0	70.8	72.7	65.1
February 1993	73.2	66.4	61.7	W	W	57.0	72.6	66.5	61.4	70.0	71.0	62.2
March 1992	74.2	NA	61.4	W	W	59.5	73.7	NA	61.2	72.3	71.0	64.2
Oklahoma												
March 1993	74.1	62.4	61.6	71.1	W	59.6	73.2	61.9	60.4	70.8	68.0	63.6
February 1993	71.9	58.4	57.6	69.0	W	55.8	71.0	58.2	56.6	67.9	65.6	59.2
March 1992	70.1	60.1	60.0	68.8	W	58.6	69.7	59.2	59.2	69.3	67.2	60.5
South Dakota												
March 1993	W	W	66.5	W	W	63.7	76.4	68.2	65.1	78.2	78.3	70.3
February 1993	W	W	62.1	W	W	59.4	74.7	W	60.7	75.2	78.1	66.9
March 1992	W	W	64.4	W	W	62.2	73.4	61.6	63.2	76.0	76.5	67.7
Tennessee												
March 1993	74.3	62.6	63.1	72.8	W	59.5	73.8	62.6	62.6	71.5	66.8	67.2
February 1993	72.9	60.2	59.6	71.3	57.8	55.4	72.4	59.8	59.0	70.1	63.7	63.8
March 1992	71.8	61.7	61.5	68.0	W	58.4	70.3	60.2	60.9	70.3	65.7	67.1
Wisconsin												
March 1993	71.4	61.1	62.6	W	W	59.6	70.9	60.8	61.5	75.2	74.2	62.8
February 1993	70.1	59.2	60.0	W	W	57.1	69.8	58.7	59.2	74.1	74.3	60.5
March 1992	67.7	59.6	59.6	W	W	58.7	66.7	58.9	59.3	71.0	70.6	60.8
PAD District III Average												
March 1993	78.1	63.3	62.3	74.4	58.8	58.6	76.6	61.4	60.9	74.2	70.4	64.6
February 1993	76.5	60.7	58.8	73.0	54.9	54.9	75.2	58.7	57.4	72.9	68.5	62.7
March 1992	73.6	60.8	60.5	70.2	60.2	58.2	72.4	60.6	59.6	72.4	71.1	65.3
Alabama												
March 1993	74.2	60.3	62.7	71.1	W	59.8	73.5	60.4	62.1	74.9	73.0	72.7
February 1993	73.7	58.2	59.2	70.7	W	55.4	73.0	58.3	58.4	73.8	70.7	69.6
March 1992	71.6	60.8	61.7	70.5	W	59.3	71.3	60.9	61.2	74.1	73.2	70.3
Arkansas												
March 1993	74.2	60.8	63.2	W	W	59.6	72.1	60.8	61.6	73.0	73.4	65.1
February 1993	72.9	58.2	59.3	W	W	56.2	70.7	58.2	58.0	70.9	69.5	61.4
March 1992	72.3	60.5	61.7	W	W	59.3	68.9	60.4	60.8	70.5	69.8	65.2
Louisiana												
March 1993	79.8	60.9	62.1	75.5	65.9	58.8	78.9	61.2	61.2	73.1	70.9	66.8
February 1993	79.2	58.4	58.6	75.6	62.9	54.8	78.5	58.7	57.6	72.8	67.9	65.4
March 1992	77.2	59.4	62.2	71.8	68.9	59.1	76.2	60.1	61.3	71.9	73.5	68.4
Mississippi												
March 1993	W	62.9	60.2	74.0	59.8	58.9	73.2	61.9	59.9	74.6	72.9	65.2
February 1993	W	59.9	56.9	72.4	54.8	54.3	72.2	57.7	56.2	74.1	70.7	62.3
March 1992	W	60.5	56.6	67.7	59.3	57.4	66.6	60.2	56.9	71.1	71.9	64.8
New Mexico												
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
February 1993	81.6	68.1	65.7	86.3	66.8	63.3	84.8	67.9	64.7	82.1	74.9	72.9
March 1992	71.3	W	61.6	76.2	61.4	59.3	74.7	60.8	60.5	73.2	71.0	68.7
Texas												
March 1993	78.2	64.3	62.1	73.6	W	57.8	76.3	60.8	60.1	73.1	68.2	62.6
February 1993	76.3	61.5	58.6	72.0	W	54.3	74.7	57.9	56.8	71.7	67.1	61.0
March 1992	73.4	61.2	60.3	69.9	59.8	57.9	72.2	60.7	59.2	72.7	70.1	63.8
PAD District IV Average												
March 1993	78.7	67.1	66.7	80.5	73.2	64.7	79.5	70.1	65.9	77.3	76.4	69.8
February 1993	77.6	62.9	63.4	79.6	66.3	61.1	78.5	64.6	62.5	76.4	73.9	66.5
March 1992	72.6	64.9	64.5	73.8	68.2	63.2	73.0	67.1	63.9	73.4	73.9	67.1

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												
March 1993	80.9	W	67.5	81.0	W	64.1	80.9	W	66.0	79.5	76.0	69.5
February 1993	79.8	W	64.5	80.1	W	61.0	79.9	W	63.2	79.2	73.4	66.7
March 1992	74.8	W	67.9	73.9	W	65.4	74.4	65.8	66.8	75.2	76.1	69.1
Idaho												
March 1993	-	W	65.4	W	-	64.3	W	W	65.0	72.6	74.4	70.1
February 1993	-	W	62.6	W	-	61.5	W	W	62.2	70.1	71.8	67.9
March 1992	W	W	62.7	W	-	61.9	72.8	W	62.3	71.7	71.4	67.1
Montana												
March 1993	-	W	66.2	W	91.4	65.3	W	90.1	65.8	77.3	77.5	68.7
February 1993	-	W	61.2	W	75.2	60.9	W	74.7	61.1	76.4	75.3	64.1
March 1992	W	W	62.4	W	86.0	61.9	W	84.2	62.2	74.1	76.0	65.0
Utah												
March 1993	73.6	68.0	66.9	W	W	65.5	73.7	67.1	66.4	75.4	77.7	70.8
February 1993	72.5	W	64.1	W	W	61.7	72.5	63.1	63.3	75.1	76.0	68.9
March 1992	67.0	63.0	62.1	W	W	60.8	67.1	62.6	61.6	70.2	68.2	65.3
Wyoming												
March 1993	W	69.8	66.8	78.9	W	65.5	77.2	70.3	66.1	80.8	79.2	71.3
February 1993	W	65.7	61.7	78.3	W	60.1	76.7	65.4	60.9	78.6	76.2	65.6
March 1992	W	W	65.6	77.0	W	63.6	75.2	W	64.4	78.3	75.8	67.9
PAD District V Average												
March 1993	82.1	71.8	74.8	83.2	77.6	63.0	82.4	73.0	72.9	82.7	79.8	71.3
February 1993	85.9	73.3	77.0	87.1	78.6	63.6	86.2	74.4	74.9	84.3	79.7	71.4
March 1992	73.3	66.2	65.6	73.2	68.1	60.8	73.3	66.8	64.7	76.1	74.5	65.8
Alaska												
March 1993	W	W	76.9	98.7	77.6	W	98.1	77.8	75.7	NA	105.1	89.6
February 1993	W	W	86.1	110.4	83.7	W	110.1	83.7	83.4	NA	109.1	95.7
March 1992	W	W	72.8	94.8	W	W	93.6	71.6	69.0	NA	102.4	88.2
Arizona												
March 1993	84.4	77.9	77.1	W	W	71.9	84.6	79.4	76.5	84.6	83.6	80.0
February 1993	86.8	74.7	76.9	W	W	66.6	86.9	75.1	75.4	84.5	78.3	75.5
March 1992	71.3	W	66.6	W	67.1	62.7	71.9	67.6	66.0	74.3	72.5	70.5
California												
March 1993	85.9	71.0	77.9	81.1	69.2	62.5	84.5	70.9	75.4	84.1	79.3	71.1
February 1993	88.8	72.7	79.2	84.7	67.4	63.4	87.5	72.3	76.6	85.3	80.0	70.9
March 1992	74.3	65.2	66.4	69.5	65.6	60.4	72.9	65.2	65.2	75.9	74.0	64.6
Hawaii												
March 1993	W	W	W	W	W	W	106.8	W	97.9	W	111.1	108.2
February 1993	W	W	W	W	W	W	106.1	W	97.7	W	109.6	107.2
March 1992	W	W	W	W	W	W	103.6	71.8	86.9	W	106.9	97.2
Nevada												
March 1993	W	72.6	68.1	W	W	64.7	73.8	72.3	67.4	85.8	78.5	74.1
February 1993	W	73.2	69.1	W	W	64.4	74.9	73.0	68.2	86.6	76.3	73.5
March 1992	72.0	68.0	62.8	W	W	64.2	71.6	66.0	63.1	79.7	71.7	69.8
Oregon												
March 1993	81.8	66.6	64.8	W	W	60.2	82.3	72.1	64.1	78.9	80.6	72.2
February 1993	86.9	W	69.8	W	W	59.9	87.0	85.9	68.2	81.9	80.7	74.8
March 1992	77.4	60.1	61.0	W	W	59.5	77.8	64.7	60.8	78.5	75.2	66.7
Washington												
March 1993	66.0	59.7	60.5	W	-	59.0	67.2	59.7	60.3	73.5	73.1	66.6
February 1993	73.6	68.9	67.4	W	-	60.9	74.8	68.9	66.7	78.0	74.9	67.2
March 1992	68.4	61.3	60.2	W	W	60.3	69.3	61.2	60.2	70.6	71.8	65.0

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 31. Refiner/Reseller Leaded 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												
March 1993	68.2	76.0	63.6	81.1	NA	64.4	71.7	72.6	63.9	76.8	78.7	69.1
February 1993	73.1	75.4	65.7	82.8	NA	61.5	75.9	71.2	64.4	77.4	76.2	67.9
March 1992	65.4	69.3	59.8	73.8	75.9	61.1	67.9	74.4	60.3	71.4	74.4	65.6
PAD District I Average												
March 1993	-	W	W	-	-	-	-	W	W	74.4	78.1	NA
February 1993	-	W	W	-	-	-	-	W	W	70.4	79.7	W
March 1992	W	W	W	W	W	W	W	W	W	64.0	73.5	W
Subdistrict IA Average												
March 1993	-	-	-	-	-	-	-	-	-	-	W	-
February 1993	-	-	-	-	-	-	-	-	-	NA	W	W
March 1992	-	-	-	-	-	-	-	-	-	-	85.3	-
Connecticut												
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
February 1993	-	-	-	-	-	-	-	-	-	-	-	-
March 1992	-	-	-	-	-	-	-	-	-	-	-	-
Maine												
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
February 1993	-	-	-	-	-	-	-	-	-	-	-	-
March 1992	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts												
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
February 1993	-	-	-	-	-	-	-	-	-	NA	-	-
March 1992	-	-	-	-	-	-	-	-	-	-	W	-
New Hampshire												
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
February 1993	-	-	-	-	-	-	-	-	-	-	-	-
March 1992	-	-	-	-	-	-	-	-	-	-	-	-
Rhode Island												
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
February 1993	-	-	-	-	-	-	-	-	-	-	-	-
March 1992	-	-	-	-	-	-	-	-	-	-	-	-
Vermont												
March 1993	-	-	-	-	-	-	-	-	-	-	W	-
February 1993	-	-	-	-	-	-	-	-	-	-	W	W
March 1992	-	-	-	-	-	-	-	-	-	-	W	-
Subdistrict IB Average												
March 1993	-	W	W	-	-	-	-	W	W	W	NA	NA
February 1993	-	W	W	-	-	-	-	W	W	W	NA	W
March 1992	W	W	W	W	W	-	W	W	W	W	71.6	W
Delaware												
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
February 1993	-	-	-	-	-	-	-	-	-	-	-	-
March 1992	-	-	-	-	-	-	-	-	-	-	-	-
District of Columbia												
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
February 1993	-	-	-	-	-	-	-	-	-	-	-	-
March 1992	-	-	-	-	-	-	-	-	-	-	-	-
Maryland												
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
February 1993	-	-	-	-	-	-	-	-	-	-	-	-
March 1992	-	-	-	-	-	-	-	-	-	-	-	-
New Jersey												
March 1993	-	-	-	-	-	-	-	-	-	-	W	W
February 1993	-	-	-	-	-	-	-	-	-	-	W	W
March 1992	-	-	-	-	-	-	-	-	-	-	W	W
New York												
March 1993	-	W	W	-	-	-	-	W	W	W	W	NA
February 1993	-	W	W	-	-	-	-	W	W	W	W	69.0
March 1992	W	W	W	W	W	-	W	W	W	W	W	-
Pennsylvania												
March 1993	-	W	-	-	-	-	-	W	-	-	NA	-
February 1993	-	W	W	-	-	-	-	W	W	-	78.0	-
March 1992	-	W	-	-	-	-	-	W	-	-	71.5	-

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													
March 1993	-	W	-	-	-	-	-	W	-	73.1	W	-	
February 1993	-	W	-	-	-	-	-	W	-	68.7	W	-	
March 1992	-	W	-	-	-	W	-	W	W	W	76.3	W	
Florida													
March 1993	-	-	-	-	-	-	-	-	-	-	-	-	
February 1993	-	-	-	-	-	-	-	-	-	-	-	-	
March 1992	-	-	-	-	-	-	-	-	-	W	-	-	
Georgia													
March 1993	-	-	-	-	-	-	-	-	-	73.1	-	-	
February 1993	-	-	-	-	-	-	-	-	-	68.7	-	-	
March 1992	-	-	-	-	-	-	-	-	-	64.8	-	-	
North Carolina													
March 1993	-	-	-	-	-	-	-	-	-	-	-	-	
February 1993	-	-	-	-	-	-	-	-	-	-	-	-	
March 1992	-	-	-	-	-	-	-	-	-	W	W	-	
South Carolina													
March 1993	-	-	-	-	-	-	-	-	-	-	-	-	
February 1993	-	-	-	-	-	-	-	-	-	-	-	-	
March 1992	-	-	-	-	-	-	-	-	-	W	-	-	
Virginia													
March 1993	-	-	-	-	-	-	-	-	-	-	W	-	
February 1993	-	-	-	-	-	-	-	-	-	-	W	-	
March 1992	-	-	-	-	-	W	-	-	W	W	W	W	
West Virginia													
March 1993	-	W	-	-	-	-	-	W	-	-	-	-	
February 1993	-	W	-	-	-	-	-	W	-	-	-	-	
March 1992	-	W	-	-	-	W	-	W	W	W	W	-	
PAD District II Average													
March 1993	W	W	65.2	W	-	62.6	80.4	W	62.9	79.6	79.4	67.6	
February 1993	W	W	60.9	W	-	59.7	77.8	W	59.8	78.1	77.8	64.9	
March 1992	W	W	61.5	72.3	W	61.1	72.4	W	61.2	71.6	76.3	65.0	
Illinois													
March 1993	-	-	-	-	-	W	-	-	W	80.9	70.1	72.7	
February 1993	-	-	-	-	-	W	-	-	W	77.0	W	70.1	
March 1992	-	-	-	-	-	W	-	-	W	72.7	68.6	67.9	
Indiana													
March 1993	-	W	-	-	-	W	-	W	W	79.3	80.5	71.6	
February 1993	-	W	-	-	-	W	-	W	W	79.1	80.7	69.8	
March 1992	-	W	-	-	-	W	-	W	W	80.3	75.9	65.3	
Iowa													
March 1993	-	-	-	W	-	-	W	-	-	75.5	75.7	63.5	
February 1993	-	-	-	W	-	-	W	-	-	76.3	72.1	63.0	
March 1992	-	-	-	W	-	-	W	-	-	78.2	72.2	65.3	
Kansas													
March 1993	-	-	-	-	-	W	-	-	W	75.5	74.1	W	
February 1993	-	-	-	W	-	59.0	W	-	59.0	73.5	70.5	W	
March 1992	-	-	66.2	72.5	-	60.6	72.5	-	60.6	74.2	74.0	65.5	
Kentucky													
March 1993	-	W	W	W	-	W	W	W	W	W	-	-	
February 1993	-	W	-	W	-	W	W	W	W	W	-	-	
March 1992	-	W	W	W	-	W	W	W	68.1	W	-	-	
Michigan													
March 1993	-	-	NA	W	-	W	W	-	62.1	81.6	90.1	69.0	
February 1993	-	-	NA	W	-	W	W	-	60.5	82.4	78.7	67.4	
March 1992	-	-	59.4	W	-	W	W	-	61.0	77.3	79.7	70.1	
Minnesota													
March 1993	W	-	-	W	-	-	W	-	-	79.7	79.0	66.4	
February 1993	W	-	-	W	-	-	W	-	-	79.9	76.4	64.8	
March 1992	W	-	-	69.6	-	-	72.1	-	-	73.6	77.6	63.9	
Missouri													
March 1993	-	-	-	-	-	-	-	-	-	73.6	75.0	W	
February 1993	-	-	-	W	-	-	W	-	-	71.4	74.4	W	
March 1992	-	-	-	W	-	W	W	-	W	70.1	78.1	64.7	

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	
Nebraska												
March 1993	-	-	W	W	-	64.4	W	-	64.6	79.4	74.3	65.1
February 1993	-	-	W	W	-	58.9	W	-	59.2	77.6	72.2	62.3
March 1992	-	-	65.1	W	-	63.8	W	-	64.0	75.9	72.5	64.3
North Dakota												
March 1993	W	-	W	-	-	63.8	W	-	64.1	89.7	85.1	68.7
February 1993	W	-	W	W	-	60.6	W	-	60.7	88.2	82.2	65.1
March 1992	W	-	61.6	W	-	62.5	W	-	62.2	81.9	77.5	65.1
Ohio												
March 1993	-	W	W	-	-	-	-	W	W	NA	W	W
February 1993	-	W	-	-	-	-	-	W	-	NA	W	-
March 1992	-	W	62.0	-	-	-	-	W	62.0	74.0	90.4	-
Oklahoma												
March 1993	-	-	W	-	-	63.4	-	-	63.6	75.7	-	60.5
February 1993	-	-	-	-	-	58.4	-	-	58.4	71.0	W	60.8
March 1992	W	-	W	W	W	60.5	W	W	60.5	69.0	W	63.3
South Dakota												
March 1993	-	-	W	-	-	66.5	-	-	66.3	NA	79.5	68.4
February 1993	-	-	W	-	-	60.9	-	-	60.8	77.1	76.2	65.1
March 1992	-	-	64.1	-	-	63.1	-	-	63.4	77.1	80.0	65.9
Tennessee												
March 1993	-	-	-	-	-	-	-	-	-	W	-	-
February 1993	-	-	-	-	-	-	-	-	-	W	-	-
March 1992	-	-	-	-	-	W	-	-	W	W	-	W
Wisconsin												
March 1993	-	-	-	-	-	-	-	-	-	77.5	80.2	66.0
February 1993	-	-	W	-	-	-	-	-	W	77.7	81.7	65.3
March 1992	-	-	-	-	-	-	-	-	-	74.8	79.6	63.6
PAD District III Average												
March 1993	W	-	71.0	88.6	W	68.4	88.5	W	69.1	80.8	80.4	76.5
February 1993	W	-	64.1	86.2	W	63.3	86.2	W	63.6	79.0	75.7	73.4
March 1992	W	W	61.1	73.3	W	59.8	73.0	W	60.3	70.7	71.3	68.1
Alabama												
March 1993	-	-	-	-	-	-	-	-	-	W	-	-
February 1993	-	-	-	-	-	-	-	-	-	W	-	-
March 1992	-	-	-	-	-	-	-	-	-	W	-	W
Arkansas												
March 1993	-	-	-	-	-	W	-	-	W	NA	W	W
February 1993	-	-	-	-	-	W	-	-	W	NA	W	W
March 1992	-	-	-	-	-	W	-	-	W	67.3	W	-
Louisiana												
March 1993	-	-	-	-	-	-	-	-	-	W	NA	-
February 1993	-	-	-	-	-	-	-	-	-	W	W	-
March 1992	-	-	-	-	-	-	-	-	-	W	W	-
Mississippi												
March 1993	-	-	-	-	-	-	-	-	-	W	-	-
February 1993	-	-	-	-	-	-	-	-	-	W	-	-
March 1992	-	-	-	-	-	-	-	-	-	W	-	-
New Mexico												
March 1993	W	-	70.1	87.5	W	69.0	87.5	W	69.3	84.1	83.5	75.9
February 1993	W	-	63.5	85.0	W	63.8	85.0	W	63.6	81.1	77.5	73.6
March 1992	NA	W	61.3	73.9	W	59.4	73.8	W	60.1	71.8	71.0	68.7
Texas												
March 1993	-	-	72.8	W	-	67.4	W	-	68.8	77.3	77.4	NA
February 1993	-	-	66.3	W	-	62.3	W	-	63.5	76.7	72.9	72.8
March 1992	W	-	60.9	W	W	60.7	71.3	W	60.8	71.4	W	67.8
PAD District IV Average												
March 1993	W	W	65.0	82.0	W	64.6	80.7	66.5	64.8	76.9	76.3	69.1
February 1993	W	W	61.1	79.7	W	60.8	79.0	61.4	61.0	75.4	73.3	66.2
March 1992	71.3	62.8	62.3	73.2	W	62.5	72.2	61.8	62.4	73.8	74.0	66.3

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	
Colorado												
March 1993	W	-	W	84.4	-	65.7	84.0	-	W	82.7	78.1	71.1
February 1993	W	-	W	81.9	-	62.5	82.1	-	W	81.5	75.1	68.3
March 1992	W	-	66.7	74.0	-	65.7	73.6	-	66.1	76.5	77.6	69.0
Idaho												
March 1993	-	W	64.3	W	-	63.7	W	W	W	72.4	74.4	69.4
February 1993	-	W	61.1	W	-	60.8	W	W	W	70.1	71.9	67.5
March 1992	W	W	61.3	W	-	61.6	70.0	W	61.4	71.1	72.2	66.3
Montana												
March 1993	-	-	W	W	-	64.6	W	-	64.8	76.7	NA	66.9
February 1993	-	-	W	W	W	60.1	W	W	59.9	76.1	74.3	63.1
March 1992	W	W	62.0	W	W	61.8	69.8	W	61.9	74.6	77.1	65.0
Utah												
March 1993	W	W	65.2	W	W	64.5	W	W	64.8	76.2	76.7	69.6
February 1993	W	W	61.7	W	W	60.7	W	W	61.2	73.3	74.5	68.2
March 1992	W	W	60.5	W	W	59.9	W	W	60.2	71.6	67.7	64.3
Wyoming												
March 1993	W	-	65.9	78.8	-	65.5	77.0	-	W	80.1	75.1	69.5
February 1993	W	W	61.1	77.4	-	60.1	75.9	W	W	79.9	71.0	64.5
March 1992	W	-	64.5	75.2	W	63.5	73.4	W	63.7	77.7	73.3	67.3
PAD District V Average												
March 1993	67.5	W	62.8	77.1	NA	61.4	69.1	70.4	62.6	75.5	79.9	68.6
February 1993	72.7	75.9	67.1	82.8	W	61.8	74.5	71.7	66.2	77.8	77.4	68.8
March 1992	64.4	66.4	59.1	74.6	64.0	60.1	66.4	65.4	59.2	70.9	73.2	65.0
Alaska												
March 1993	W	-	W	W	W	W	W	W	78.4	NA	NA	93.2
February 1993	W	-	W	W	W	W	W	W	87.8	NA	NA	95.3
March 1992	W	W	72.5	W	W	W	W	W	72.4	NA	116.0	84.3
Arizona												
March 1993	77.8	W	74.6	W	W	71.5	78.4	76.4	74.2	80.2	82.4	77.9
February 1993	80.9	W	73.6	W	W	66.3	81.4	71.6	72.2	80.2	75.6	73.4
March 1992	66.5	W	62.2	W	W	61.7	67.4	66.9	62.1	70.2	70.8	68.3
California												
March 1993	W	-	-	-	-	W	W	-	W	-	W	W
February 1993	W	-	-	-	-	W	W	-	W	-	W	W
March 1992	-	-	-	-	-	W	-	-	W	-	W	71.1
Hawaii												
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
February 1993	-	-	-	-	-	-	-	-	-	-	-	-
March 1992	-	-	-	-	-	-	-	-	-	-	-	-
Nevada												
March 1993	-	-	66.2	-	-	64.5	-	-	65.8	81.2	NA	75.6
February 1993	-	-	62.7	-	-	W	-	-	62.4	82.7	NA	76.8
March 1992	W	W	65.1	-	-	W	W	W	65.0	72.8	77.3	70.4
Oregon												
March 1993	73.8	W	61.5	W	W	59.4	75.6	W	61.0	74.2	80.6	70.0
February 1993	78.6	W	66.3	W	-	59.4	79.5	W	64.9	77.7	80.6	72.5
March 1992	69.6	-	58.0	W	W	W	70.9	W	58.0	74.5	73.9	65.5
Washington												
March 1993	NA	W	57.4	W	-	58.8	60.7	W	57.6	68.1	72.0	64.5
February 1993	NA	70.5	63.4	W	-	59.6	67.5	70.5	62.9	72.6	72.7	64.8
March 1992	61.1	59.7	58.0	W	W	59.2	63.3	59.6	58.1	66.2	70.7	62.9

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												
March 1993	71.6	62.8	63.0	71.6	62.9	59.3	71.6	62.9	62.0	71.6	71.2	63.8
February 1993	71.9	62.2	61.8	71.9	61.6	56.5	71.9	62.1	60.4	71.1	70.0	61.9
March 1992	67.1	61.3	59.9	66.6	61.9	58.3	66.9	61.5	59.4	69.4	69.8	62.4
PAD District I Average												
March 1993	68.9	60.5	61.3	68.0	60.6	57.8	68.7	60.6	60.9	69.7	67.3	63.5
February 1993	69.7	59.6	60.6	68.6	59.3	55.4	69.5	59.5	59.9	70.0	66.6	62.0
March 1992	64.8	59.5	60.2	66.8	60.0	56.5	65.2	59.7	59.7	68.6	67.4	61.9
Subdistrict IA Average												
March 1993	74.3	58.0	61.8	-	W	56.1	74.3	57.3	61.4	74.7	65.9	63.2
February 1993	77.0	58.1	62.8	-	W	54.3	77.0	56.7	62.1	76.1	67.8	62.0
March 1992	68.6	NA	62.1	-	W	W	68.6	58.0	61.6	73.8	65.7	61.7
Connecticut												
March 1993	W	W	63.1	-	W	W	W	58.9	62.9	75.0	67.7	67.3
February 1993	W	W	64.8	-	W	W	W	58.9	64.7	76.6	69.5	68.4
March 1992	W	NA	62.3	-	W	W	W	59.7	62.1	73.2	63.6	65.6
Maine												
March 1993	-	W	58.7	-	W	W	-	56.8	58.7	76.4	68.5	61.2
February 1993	-	W	57.9	-	W	W	-	56.9	56.9	77.5	70.4	61.7
March 1992	-	W	60.3	-	W	W	-	NA	60.1	77.0	68.1	60.8
Massachusetts												
March 1993	74.6	57.6	61.9	-	W	56.2	74.6	56.9	61.5	73.1	62.5	60.9
February 1993	77.4	57.9	63.3	-	W	W	77.4	56.1	62.9	74.5	63.0	58.4
March 1992	69.1	NA	62.4	-	W	W	69.1	57.9	61.8	71.4	62.7	59.1
New Hampshire												
March 1993	72.0	57.0	62.5	-	W	W	72.0	56.9	62.0	75.8	71.5	66.0
February 1993	74.2	W	62.9	-	W	W	74.2	55.3	62.2	76.9	74.5	66.2
March 1992	69.2	W	63.5	-	W	W	69.2	56.4	63.0	76.4	70.8	66.3
Rhode Island												
March 1993	68.9	W	61.6	-	W	W	68.9	59.7	60.1	73.0	63.6	60.4
February 1993	71.4	W	62.0	-	W	W	71.4	60.3	61.0	75.6	62.6	59.1
March 1992	65.5	W	61.1	-	W	W	65.5	NA	60.2	70.5	61.8	59.9
Vermont												
March 1993	-	W	W	-	W	W	-	W	63.2	78.1	71.6	67.7
February 1993	-	-	W	-	-	W	-	-	63.2	79.2	71.8	68.7
March 1992	-	W	W	-	-	W	-	W	63.4	79.8	71.5	68.4
Subdistrict IB Average												
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
February 1993	72.5	61.7	62.7	69.3	60.9	56.7	71.7	61.3	61.9	72.0	67.9	62.2
March 1992	66.8	59.7	61.0	68.5	62.7	55.7	67.1	61.0	60.2	71.1	66.9	60.1
Delaware												
March 1993	W	W	60.6	-	-	W	W	W	60.2	69.3	64.5	61.3
February 1993	W	W	61.6	-	-	W	W	W	61.0	69.8	65.5	60.8
March 1992	W	NA	58.0	-	-	W	W	NA	57.8	68.6	66.5	59.5
District of Columbia												
March 1993	-	W	68.0	-	-	W	-	W	67.8	W	61.8	W
February 1993	-	W	69.4	-	-	-	-	W	69.4	W	62.9	60.4
March 1992	-	W	69.4	-	-	-	-	W	69.4	W	62.9	W
Maryland												
March 1993	-	57.4	63.5	-	W	W	-	57.4	63.3	70.0	64.6	63.1
February 1993	-	61.6	65.1	-	W	68.2	-	61.7	65.5	71.3	66.3	63.2
March 1992	-	NA	65.8	W	W	56.9	W	NA	64.4	72.2	66.0	65.5
New Jersey												
March 1993	77.7	61.2	62.5	W	W	55.4	77.6	61.1	61.3	76.2	69.9	60.7
February 1993	82.1	60.6	64.9	W	W	54.5	82.0	60.9	63.6	79.9	71.2	60.9
March 1992	70.3	58.4	60.6	W	W	54.7	70.7	63.1	59.5	70.0	63.9	57.1
New York												
March 1993	69.7	64.9	62.9	W	W	57.8	67.8	62.6	62.3	72.7	66.3	63.9
February 1993	71.3	65.0	62.8	W	W	56.1	69.2	63.3	62.1	73.2	66.6	63.4
March 1992	68.4	60.5	62.1	W	W	56.0	67.2	62.3	61.2	72.6	66.2	62.6
Pennsylvania												
March 1993	65.2	60.3	58.5	71.7	62.5	56.8	66.8	61.6	58.3	67.6	70.4	62.9
February 1993	68.0	60.6	59.5	73.2	60.9	54.4	69.3	60.8	58.7	69.0	69.4	62.2
March 1992	63.7	61.5	58.4	72.7	60.5	56.1	65.7	60.7	58.1	69.6	69.6	61.8

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												
March 1993	68.0	60.8	61.0	68.2	61.7	58.3	68.0	61.0	60.7	68.2	67.1	64.4
February 1993	67.6	58.4	58.2	68.1	58.5	54.5	67.7	58.4	57.7	68.0	65.5	61.9
March 1992	63.3	59.5	59.0	65.6	59.3	57.2	63.8	59.4	58.8	66.7	68.1	63.8
Florida												
March 1993	70.2	61.0	62.9	71.4	W	58.7	70.3	60.6	62.1	70.9	68.0	64.4
February 1993	69.6	57.5	60.1	69.5	W	54.9	69.6	57.0	59.2	71.7	67.5	61.5
March 1992	62.2	59.8	58.9	65.0	W	57.1	62.6	59.0	58.6	68.7	69.0	61.9
Georgia												
March 1993	63.5	60.2	60.1	65.9	W	58.0	63.8	60.3	59.8	67.3	68.6	66.4
February 1993	63.5	58.2	56.8	64.8	W	53.8	63.7	58.1	56.4	66.4	66.8	63.7
March 1992	61.6	62.3	58.2	62.8	-	57.4	61.8	62.3	58.1	66.0	69.9	64.8
North Carolina												
March 1993	65.3	59.3	59.6	W	W	58.3	64.8	59.3	59.5	66.1	63.7	62.5
February 1993	65.2	58.0	56.7	W	W	54.7	65.1	58.0	56.5	65.3	62.4	60.4
March 1992	63.1	57.4	58.6	W	-	57.0	63.0	57.4	58.4	64.8	66.9	63.3
South Carolina												
March 1993	63.0	60.2	59.8	W	-	58.2	62.8	60.2	59.7	65.7	65.8	64.9
February 1993	62.0	57.2	56.2	W	W	53.7	61.9	57.1	55.9	65.0	61.7	61.3
March 1992	61.0	61.2	58.6	W	-	57.3	61.4	61.2	58.4	65.9	66.7	64.2
Virginia												
March 1993	74.2	61.6	61.4	W	W	58.3	70.6	60.8	61.0	68.7	69.4	63.4
February 1993	75.3	60.5	59.4	W	W	54.3	71.7	59.3	58.9	68.8	67.9	61.8
March 1992	69.5	60.0	60.6	W	W	57.4	68.8	59.3	60.3	67.2	67.9	64.0
West Virginia												
March 1993	74.5	67.7	62.1	W	W	56.7	75.2	67.8	60.7	71.4	68.5	67.7
February 1993	75.0	65.3	60.0	W	W	54.8	75.5	65.8	58.8	73.1	65.7	66.4
March 1992	75.6	66.2	61.9	W	W	57.4	73.0	66.2	60.9	71.0	66.1	66.8
PAD District II Average												
March 1993	69.7	61.9	61.2	68.4	61.5	59.9	69.3	61.9	60.8	71.0	72.3	63.8
February 1993	69.2	60.9	58.6	67.5	60.4	56.4	68.7	60.9	57.9	69.6	70.2	60.9
March 1992	67.2	61.7	59.1	64.3	58.4	58.9	66.3	61.4	59.0	69.0	70.0	62.4
Illinois												
March 1993	70.6	59.6	60.6	W	-	58.0	70.1	59.6	60.0	71.5	70.1	62.7
February 1993	68.4	58.9	58.3	W	-	55.9	68.0	58.9	57.8	70.4	68.5	60.7
March 1992	64.3	59.5	58.1	W	W	57.5	64.1	59.7	57.9	68.1	70.1	61.7
Indiana												
March 1993	69.1	59.5	59.8	W	W	58.2	68.2	59.5	59.5	70.0	69.8	61.5
February 1993	68.3	58.0	57.6	W	W	55.0	67.5	57.9	57.1	69.1	68.0	59.8
March 1992	65.2	59.3	57.6	W	W	58.1	64.6	59.2	57.7	67.4	66.6	61.0
Iowa												
March 1993	73.4	W	64.1	70.7	-	61.6	71.4	W	63.0	72.0	77.0	65.8
February 1993	73.8	61.3	60.8	69.6	-	57.8	70.6	61.3	59.6	70.2	74.5	62.5
March 1992	70.4	60.1	62.0	66.8	-	60.1	67.8	60.1	61.1	70.5	73.7	63.4
Kansas												
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
February 1993	68.9	W	58.5	67.5	W	56.2	68.0	57.4	56.8	70.4	74.3	60.1
March 1992	68.6	62.3	60.7	68.2	W	59.4	68.3	61.2	59.8	71.5	74.6	62.4
Kentucky												
March 1993	68.6	63.1	61.1	68.3	-	59.7	68.5	63.1	61.0	68.2	64.4	64.5
February 1993	70.3	62.0	58.5	67.0	-	55.7	69.8	62.0	58.3	68.2	61.4	61.9
March 1992	68.5	65.8	60.1	66.4	-	59.1	68.2	65.8	60.1	69.1	66.8	64.5
Michigan												
March 1993	67.8	60.6	60.2	W	W	58.5	67.0	60.6	59.9	69.5	70.1	62.7
February 1993	67.8	60.9	58.8	W	W	56.6	67.4	60.7	58.4	68.7	69.4	61.3
March 1992	64.0	60.5	58.2	W	W	57.9	61.9	60.5	58.2	67.0	70.0	62.9
Minnesota												
March 1993	79.0	64.0	65.9	81.3	W	63.3	79.6	63.8	64.8	79.2	78.2	67.8
February 1993	77.5	62.2	62.3	79.4	W	59.4	78.0	64.3	61.1	78.1	75.6	65.0
March 1992	69.0	62.1	62.3	72.9	W	60.6	70.1	61.8	61.6	72.2	71.2	64.7
Missouri												
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
February 1993	67.3	58.6	58.4	64.6	W	56.0	66.0	58.6	57.6	64.9	70.7	60.6
March 1992	63.6	60.5	59.6	63.3	W	58.9	63.4	60.4	59.3	66.2	70.8	62.9

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	
Nebraska												
March 1993	W	W	64.4	73.9	W	61.9	74.9	61.7	62.2	75.8	70.9	67.1
February 1993	W	W	60.6	69.4	W	57.9	70.2	W	59.2	72.7	68.5	63.9
March 1992	W	60.4	62.9	68.5	-	61.1	69.9	60.4	62.0	72.9	NA	64.9
North Dakota												
March 1993	82.4	W	66.9	W	-	63.0	82.1	W	64.8	84.1	80.9	67.8
February 1993	79.5	61.8	63.6	W	-	59.4	79.2	61.8	61.4	82.9	77.7	64.5
March 1992	77.1	W	64.1	W	-	62.2	76.5	W	63.2	78.5	74.3	65.0
Ohio												
March 1993	68.2	63.6	60.9	66.5	W	58.9	68.1	63.7	60.8	68.1	70.6	63.6
February 1993	69.0	63.3	59.2	W	W	55.6	68.7	63.5	59.0	67.3	68.8	60.5
March 1992	70.2	NA	58.9	W	W	58.2	69.9	NA	58.9	70.0	68.7	62.7
Oklahoma												
March 1993	69.9	61.2	60.3	68.6	W	59.1	69.4	60.6	59.6	69.0	67.3	62.4
February 1993	67.7	57.2	56.3	66.3	W	55.4	67.2	56.9	55.7	66.2	65.2	57.9
March 1992	66.5	59.0	58.8	66.6	W	58.1	66.5	58.3	58.4	67.7	66.4	59.0
South Dakota												
March 1993	W	W	65.7	W	W	63.3	76.0	68.2	64.5	76.9	76.1	70.1
February 1993	W	W	61.3	W	W	59.0	W	W	60.2	73.9	76.2	66.4
March 1992	W	W	63.7	W	W	61.9	W	61.6	62.7	75.3	75.5	67.8
Tennessee												
March 1993	67.3	61.1	59.9	67.5	W	58.0	67.4	61.3	59.6	65.6	64.0	63.2
February 1993	65.5	58.9	56.3	65.9	57.5	53.7	65.6	58.6	55.8	64.1	60.1	60.0
March 1992	65.0	60.7	58.4	63.6	W	56.8	64.4	59.3	58.0	65.3	61.5	64.0
Wisconsin												
March 1993	68.0	59.9	60.5	W	W	58.9	67.9	59.8	59.9	73.4	72.9	61.5
February 1993	66.7	58.5	57.9	W	W	56.4	66.8	58.0	57.4	72.2	72.6	59.0
March 1992	64.8	59.5	58.0	W	W	58.2	64.2	58.8	58.0	69.3	69.0	59.6
PAD District III Average												
March 1993	71.1	61.9	59.8	70.3	57.9	57.7	70.7	60.0	58.9	70.7	68.6	61.6
February 1993	69.4	59.3	56.2	68.8	53.8	54.1	69.2	57.2	55.4	69.1	66.9	59.6
March 1992	67.2	59.6	57.9	66.0	58.8	57.3	66.7	59.4	57.7	68.9	69.4	62.2
Alabama												
March 1993	68.0	58.3	59.5	67.1	W	58.6	67.8	58.3	59.3	70.3	69.3	68.7
February 1993	67.4	56.1	56.0	66.7	W	54.1	67.2	56.0	55.6	69.1	67.5	65.7
March 1992	65.7	59.4	58.5	65.8	W	58.2	65.7	59.3	58.4	70.3	69.6	66.5
Arkansas												
March 1993	68.6	60.8	60.8	W	W	58.6	67.4	60.8	59.7	69.9	71.1	62.9
February 1993	67.3	57.5	56.9	W	-	55.2	66.0	57.5	56.1	68.1	67.4	59.0
March 1992	67.0	60.2	59.4	W	W	58.1	64.9	60.2	58.8	67.6	68.1	63.1
Louisiana												
March 1993	72.0	58.5	58.7	70.0	W	57.5	71.6	58.7	58.4	68.9	71.1	62.0
February 1993	71.6	56.1	55.1	70.0	W	53.6	71.3	56.2	54.7	68.6	66.4	61.1
March 1992	69.9	57.6	59.1	66.5	60.9	57.7	69.2	57.8	58.7	68.1	73.4	63.7
Mississippi												
March 1993	67.9	W	58.0	68.8	58.5	57.8	68.2	59.9	58.0	70.1	70.3	62.0
February 1993	67.3	58.0	54.7	66.9	53.7	53.3	67.1	56.0	54.2	69.7	67.9	59.9
March 1992	62.2	59.7	NA	63.8	57.9	56.1	62.9	59.2	54.7	67.1	68.9	62.3
New Mexico												
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
February 1993	78.1	67.2	64.5	84.8	67.0	62.6	82.7	67.2	63.7	80.9	73.7	71.8
March 1992	67.8	W	60.3	74.6	61.2	58.7	72.5	60.6	59.6	72.1	70.1	67.6
Texas												
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
February 1993	69.1	60.0	56.2	67.6	W	53.7	68.4	56.4	55.0	67.8	66.1	58.3
March 1992	67.0	60.3	58.0	65.4	58.7	57.2	66.3	59.6	57.7	69.1	68.8	61.2
PAD District IV Average												
March 1993	74.2	66.3	65.0	77.4	74.0	63.8	75.8	69.7	64.5	75.4	75.1	68.5
February 1993	73.2	61.8	61.6	76.6	66.6	60.3	74.8	63.9	61.1	74.6	72.8	65.2
March 1992	69.2	64.1	62.9	70.9	68.2	62.3	70.0	66.7	62.7	71.9	72.6	66.1

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												
March 1993	76.0	W	65.3	77.7	-	63.2	76.9	W	64.3	77.1	74.5	68.1
February 1993	74.8	W	62.2	77.0	-	60.0	76.0	W	61.3	76.8	72.2	65.3
March 1992	71.2	W	65.9	70.9	W	64.4	71.0	64.5	65.2	73.2	74.7	67.9
Idaho												
March 1993	-	W	64.4	W	-	63.8	W	W	64.1	71.7	73.3	69.2
February 1993	-	W	61.4	W	-	61.1	W	W	61.3	69.1	70.7	67.0
March 1992	W	W	61.8	W	-	61.5	71.9	W	61.7	70.8	70.0	66.3
Montana												
March 1993	-	W	64.9	W	NA	64.3	W	NA	64.7	76.7	76.3	67.0
February 1993	-	W	60.1	W	NA	60.0	W	NA	60.1	75.5	74.2	63.0
March 1992	W	W	61.1	W	86.4	60.9	W	84.6	61.0	72.9	74.0	63.8
Utah												
March 1993	69.8	66.0	65.0	W	W	64.3	70.0	65.3	64.8	72.9	75.7	69.3
February 1993	68.7	W	62.2	W	W	60.7	68.8	61.0	61.6	73.4	73.5	67.2
March 1992	63.6	60.8	60.5	W	W	59.8	63.7	60.9	60.2	68.3	66.9	64.4
Wyoming												
March 1993	W	69.8	65.5	77.2	W	64.8	75.3	69.6	65.1	79.6	79.0	70.0
February 1993	W	W	60.4	76.5	W	59.3	74.7	64.4	59.8	77.2	76.2	64.0
March 1992	W	W	64.1	75.6	W	62.8	73.5	W	63.3	77.3	75.4	67.0
PAD District V Average												
March 1993	78.4	69.2	71.0	81.3	77.2	61.8	79.2	70.9	69.3	81.0	77.9	69.6
February 1993	82.1	71.0	73.2	85.3	77.0	62.6	83.1	72.3	71.3	82.5	78.0	69.6
March 1992	69.6	64.1	61.9	71.2	66.9	59.6	70.1	65.1	61.4	74.4	72.6	63.9
Alaska												
March 1993	W	W	75.5	98.0	76.8	W	97.4	77.0	74.6	NA	100.5	89.0
February 1993	W	W	84.5	109.6	83.3	W	109.3	83.3	82.1	NA	106.9	95.2
March 1992	W	W	71.5	94.2	W	W	93.0	70.9	67.2	144.3	100.8	88.2
Arizona												
March 1993	82.5	77.4	75.6	W	W	71.3	82.7	79.3	75.1	83.6	82.5	78.6
February 1993	84.7	73.8	75.4	W	W	66.1	84.7	74.7	73.9	83.5	77.8	74.2
March 1992	69.2	W	64.6	W	66.8	62.5	69.7	67.2	64.3	73.3	72.0	69.9
California												
March 1993	81.2	67.3	73.5	78.7	69.3	61.1	80.5	67.4	71.0	80.8	76.6	68.9
February 1993	84.1	69.8	74.7	82.6	67.4	62.1	83.6	69.5	72.2	82.0	77.3	68.7
March 1992	69.6	62.8	62.2	67.4	64.3	59.1	68.9	63.1	61.4	72.5	71.5	62.4
Hawaii												
March 1993	W	W	94.3	W	W	W	101.6	W	92.5	W	NA	103.3
February 1993	W	W	94.2	W	W	W	101.0	W	92.2	W	104.7	102.3
March 1992	W	W	85.0	W	W	W	97.3	69.5	80.7	W	100.1	91.9
Nevada												
March 1993	W	72.3	65.1	W	W	64.2	72.1	72.0	64.9	83.1	76.4	71.5
February 1993	W	73.0	66.2	W	W	63.7	73.1	72.8	65.7	83.9	74.8	71.7
March 1992	70.5	68.2	60.0	W	W	63.2	70.0	66.0	60.7	78.0	70.0	68.4
Oregon												
March 1993	80.0	66.1	63.4	W	W	59.7	80.7	76.4	62.8	78.1	79.6	71.9
February 1993	85.3	W	68.4	W	W	59.3	85.5	85.9	66.9	80.8	79.7	74.2
March 1992	76.2	60.1	59.6	W	W	58.9	76.7	64.9	59.6	77.8	74.0	65.6
Washington												
March 1993	63.7	59.3	58.2	W	-	58.0	65.1	59.3	58.1	72.7	71.6	64.8
February 1993	71.5	68.1	65.2	W	-	60.2	72.9	68.1	64.7	77.3	74.3	65.7
March 1992	66.2	60.9	57.8	W	W	59.6	67.3	60.5	58.0	69.7	70.6	63.1

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: 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												
March 1993	81.4	68.4	69.3	78.2	64.4	62.7	80.7	67.3	68.7	78.8	75.3	70.0
February 1993	81.4	67.5	68.3	78.3	63.4	59.7	80.8	66.4	67.5	78.7	73.5	68.5
March 1992	75.6	63.5	65.3	73.0	64.4	61.3	75.1	63.7	64.9	77.0	74.2	69.3
PAD District I Average												
March 1993	81.8	66.0	68.0	77.1	64.7	62.3	81.2	65.4	67.7	79.4	73.5	69.8
February 1993	82.5	64.3	67.4	77.6	63.4	59.3	81.9	63.9	66.9	79.8	72.5	68.6
March 1992	75.3	62.1	65.5	74.8	64.3	61.2	75.2	63.0	65.3	78.2	73.8	69.0
Subdistrict IA Average												
March 1993	88.2	67.9	68.6	-	W	W	88.2	64.8	68.2	84.1	69.5	68.9
February 1993	90.3	68.8	69.2	-	W	57.1	90.3	64.5	68.8	85.1	69.6	69.3
March 1992	76.9	67.7	67.2	-	W	W	76.9	62.2	66.6	83.0	69.7	69.1
Connecticut												
March 1993	W	70.2	69.1	-	W	W	W	69.5	68.8	84.4	72.0	71.3
February 1993	W	72.1	70.6	-	W	W	W	71.7	70.3	86.1	74.4	72.5
March 1992	W	68.3	67.4	-	W	W	W	66.4	67.2	82.2	71.1	71.6
Maine												
March 1993	-	W	62.9	-	W	W	-	W	62.9	89.0	74.1	64.7
February 1993	-	-	62.4	-	-	W	-	-	62.3	86.9	74.0	65.1
March 1992	-	NA	63.9	-	W	W	-	W	63.7	87.1	74.2	67.9
Massachusetts												
March 1993	88.2	63.0	69.8	-	W	W	88.2	60.3	69.3	82.3	66.9	67.8
February 1993	90.2	63.2	70.1	-	W	W	90.2	60.0	69.6	83.2	66.0	66.9
March 1992	78.2	68.5	67.8	-	W	W	78.2	W	67.1	82.0	67.1	66.9
New Hampshire												
March 1993	87.4	-	67.5	-	W	W	87.4	W	67.0	85.9	72.7	71.4
February 1993	90.0	-	68.1	-	W	W	90.0	W	W	87.0	71.2	72.8
March 1992	77.9	-	67.8	-	W	W	77.9	W	67.6	86.0	70.3	70.5
Rhode Island												
March 1993	82.2	W	67.6	-	W	W	82.2	W	66.6	80.0	68.7	63.7
February 1993	84.2	W	68.1	-	W	W	84.2	W	67.0	83.2	70.2	63.1
March 1992	74.4	NA	66.1	-	W	W	74.4	W	64.9	77.0	68.0	64.7
Vermont												
March 1993	-	-	W	-	-	W	-	-	68.5	86.9	76.3	73.3
February 1993	-	-	W	-	W	W	-	W	W	88.1	75.4	73.9
March 1992	-	-	W	-	-	W	-	-	69.7	87.4	76.0	72.7
Subdistrict IB Average												
March 1993	82.8	68.4	69.3	W	66.5	66.4	81.9	67.4	W	79.4	72.4	69.7
February 1993	85.5	67.7	70.7	77.5	67.3	67.4	84.5	67.5	W	80.8	72.6	70.3
March 1992	76.7	60.8	67.3	W	72.3	64.3	76.6	64.5	67.1	80.5	74.1	68.6
Delaware												
March 1993	W	W	66.7	-	-	59.1	W	W	66.0	77.3	73.2	64.6
February 1993	W	64.5	66.9	-	-	W	W	64.5	66.2	77.9	71.4	65.8
March 1992	W	W	62.7	-	-	W	W	W	62.5	76.7	72.1	64.9
District of Columbia												
March 1993	-	W	72.6	-	-	-	-	W	72.6	W	62.4	64.1
February 1993	-	-	72.4	-	-	-	-	-	72.4	W	64.1	65.1
March 1992	-	W	74.1	-	-	-	-	W	74.1	W	66.5	W
Maryland												
March 1993	-	63.5	69.5	-	-	W	-	63.5	69.8	80.7	74.7	68.3
February 1993	-	63.4	70.4	-	-	74.0	-	63.4	70.7	82.3	75.9	68.5
March 1992	-	59.1	71.3	W	-	72.5	W	59.1	71.4	83.3	75.2	69.2
New Jersey												
March 1993	91.3	65.9	73.5	-	W	61.0	91.3	64.0	73.2	89.4	73.0	73.0
February 1993	94.9	64.6	76.0	W	W	W	94.8	64.5	75.8	91.5	74.5	75.3
March 1992	80.7	59.0	67.1	-	W	W	80.7	62.0	66.6	83.5	75.7	70.1
New York												
March 1993	82.8	78.1	71.2	W	W	W	80.6	69.3	71.1	82.7	69.3	70.1
February 1993	84.5	78.3	72.6	W	W	W	82.3	69.5	72.5	83.3	70.3	71.5
March 1992	77.6	64.3	69.6	W	W	W	76.8	69.1	W	82.5	70.3	69.7
Pennsylvania												
March 1993	78.2	65.8	64.4	W	71.5	60.2	78.3	69.7	64.3	75.0	73.7	69.2
February 1993	81.0	65.5	65.6	W	W	60.5	80.9	69.4	65.5	76.5	72.8	68.6
March 1992	74.4	62.5	63.0	W	W	60.2	74.9	66.3	62.9	77.8	75.6	67.5

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												
March 1993	80.9	64.4	67.0	77.9	64.5	61.3	80.5	64.4	66.6	78.4	75.2	70.1
February 1993	80.6	61.8	64.6	77.7	61.6	57.2	80.3	61.7	63.9	78.3	73.0	67.7
March 1992	74.4	62.3	63.9	74.4	61.9	60.4	74.4	62.1	63.6	76.6	74.4	69.2
Florida												
March 1993	83.5	63.8	69.9	W	W	61.9	83.4	63.5	69.2	81.9	74.7	70.5
February 1993	83.1	60.9	67.5	W	W	57.9	82.8	60.4	66.4	83.2	72.2	67.9
March 1992	73.7	62.9	63.8	73.3	W	60.5	73.6	61.4	63.5	79.8	73.1	67.4
Georgia												
March 1993	75.4	63.5	65.4	74.1	W	60.9	75.3	63.4	65.0	78.0	75.3	70.9
February 1993	75.4	61.0	62.2	72.8	W	56.5	75.1	60.9	61.5	76.8	72.3	68.7
March 1992	72.4	63.1	62.6	71.6	-	60.2	72.3	63.1	62.4	76.1	74.8	70.4
North Carolina												
March 1993	76.0	62.9	64.3	W	W	61.0	75.6	62.9	64.3	75.3	74.2	68.6
February 1993	76.8	62.2	62.0	W	W	56.8	76.4	62.2	61.8	74.7	71.8	66.4
March 1992	74.1	61.3	62.8	W	-	60.1	74.2	61.3	62.7	73.9	75.0	69.2
South Carolina												
March 1993	73.4	63.6	64.7	W	-	60.7	73.4	63.6	64.5	76.2	71.0	68.3
February 1993	72.4	W	61.2	W	-	56.2	72.3	W	60.9	75.5	66.4	64.3
March 1992	69.9	66.2	63.1	W	-	59.6	70.3	66.2	62.8	76.6	70.6	67.6
Virginia												
March 1993	87.4	63.8	67.0	W	W	60.2	83.4	64.3	66.5	79.1	78.4	72.2
February 1993	88.0	62.1	65.6	W	W	56.4	84.5	62.0	65.0	79.5	78.5	70.5
March 1992	80.2	59.6	66.2	W	W	60.9	78.4	60.4	65.8	76.4	76.5	71.0
West Virginia												
March 1993	87.6	76.0	66.7	W	W	W	86.7	75.7	66.6	80.4	73.3	73.3
February 1993	87.8	NA	64.8	W	W	W	87.1	71.9	64.6	83.0	72.7	71.9
March 1992	86.4	69.8	66.7	W	W	W	83.2	70.3	66.4	80.0	74.6	71.0
PAD District II Average												
March 1993	78.3	69.9	67.1	75.5	70.1	62.9	77.8	69.9	W	76.6	77.4	69.7
February 1993	78.1	69.4	65.0	75.0	70.1	59.9	77.5	69.5	W	75.7	75.2	67.1
March 1992	75.4	66.7	63.6	71.4	65.9	61.2	74.7	66.7	W	75.0	75.0	68.4
Illinois												
March 1993	80.8	W	69.2	W	-	63.4	79.8	W	69.0	77.1	76.6	73.5
February 1993	79.4	W	67.7	W	-	60.5	77.9	W	67.5	76.4	74.7	71.3
March 1992	72.3	W	63.3	W	-	62.5	72.2	W	63.3	75.1	73.0	71.7
Indiana												
March 1993	76.3	W	67.1	W	-	W	75.3	W	66.8	76.5	72.9	67.5
February 1993	75.3	W	64.1	W	-	W	74.6	W	63.9	76.1	72.7	65.0
March 1992	71.9	64.8	62.9	W	-	W	71.5	64.8	62.9	74.4	72.7	65.7
Iowa												
March 1993	W	-	68.1	76.9	-	W	76.8	-	68.1	79.9	NA	72.2
February 1993	W	-	66.1	75.1	-	W	75.0	-	66.1	76.9	87.0	69.2
March 1992	-	-	63.5	W	-	W	W	-	63.5	77.8	81.0	70.8
Kansas												
March 1993	80.8	W	69.6	78.1	-	63.1	80.5	W	69.5	78.5	85.5	67.3
February 1993	79.0	W	66.3	77.1	-	60.2	78.7	W	66.0	76.6	84.3	63.8
March 1992	76.4	W	67.2	74.5	-	63.0	76.1	W	66.9	76.9	81.5	65.9
Kentucky												
March 1993	79.6	W	65.6	77.0	-	61.3	79.5	W	65.5	76.7	72.7	70.6
February 1993	80.1	W	63.4	75.7	-	57.0	80.0	W	63.2	76.7	69.8	67.9
March 1992	76.7	W	64.1	73.2	-	60.2	76.6	W	64.0	75.7	76.6	70.1
Michigan												
March 1993	76.0	W	66.1	W	W	W	75.1	W	65.9	74.5	74.7	68.1
February 1993	76.2	W	64.8	W	W	59.8	75.6	65.5	64.6	74.5	73.9	66.2
March 1992	71.2	W	62.7	W	-	61.6	70.2	W	62.6	73.6	74.5	67.8
Minnesota												
March 1993	85.9	W	73.9	89.6	-	W	86.7	W	72.9	85.4	84.8	71.2
February 1993	84.5	W	69.3	88.0	-	W	85.2	W	68.6	84.3	81.7	68.8
March 1992	81.4	-	67.5	78.7	-	W	80.8	-	67.5	76.7	77.8	67.4
Missouri												
March 1993	80.7	W	68.2	75.5	-	63.5	79.2	W	67.8	73.3	80.3	68.7
February 1993	80.1	W	65.4	75.1	W	59.6	78.6	W	64.9	72.4	77.9	66.2
March 1992	72.5	W	63.4	70.4	W	62.0	72.0	W	63.2	72.6	79.5	68.3

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												
March 1993	W	-	-	W	-	W	77.7	-	W	84.3	W	72.0
February 1993	W	-	-	W	-	W	72.0	-	W	80.9	W	68.8
March 1992	W	-	W	W	-	W	70.9	-	W	80.1	W	70.4
North Dakota												
March 1993	91.5	-	W	-	-	-	91.5	-	W	90.2	88.6	76.5
February 1993	91.1	-	W	-	-	-	91.1	-	W	88.7	84.1	NA
March 1992	84.4	-	W	-	-	-	84.4	-	W	83.0	79.5	70.3
Ohio												
March 1993	76.4	70.0	66.9	69.6	W	64.5	76.0	70.2	66.8	74.7	75.6	67.5
February 1993	77.5	70.4	66.8	73.4	W	62.2	77.3	70.6	66.7	74.1	74.1	64.8
March 1992	NA	NA	65.2	74.9	W	62.8	NA	NA	65.1	76.2	73.5	65.7
Oklahoma												
March 1993	78.5	W	64.3	75.7	W	63.6	77.8	64.5	64.2	74.6	72.2	67.8
February 1993	76.2	W	60.4	73.4	W	59.5	75.6	59.7	60.3	71.7	71.0	65.3
March 1992	73.3	W	62.9	72.1	W	62.1	73.0	W	62.8	72.3	67.9	65.1
South Dakota												
March 1993	W	-	W	W	-	-	W	-	W	83.1	NA	71.3
February 1993	W	-	W	W	-	-	W	-	W	80.8	W	69.0
March 1992	W	-	W	-	-	-	W	-	W	77.1	72.9	66.4
Tennessee												
March 1993	78.4	66.7	64.8	W	W	60.8	78.5	65.6	64.5	76.4	69.5	69.2
February 1993	77.3	63.2	61.5	W	W	56.7	77.2	62.3	61.1	75.0	66.2	66.3
March 1992	75.7	61.6	62.8	W	W	59.6	74.7	61.0	62.3	75.5	71.4	67.9
Wisconsin												
March 1993	79.2	W	67.2	W	-	W	78.3	W	66.6	80.2	79.4	67.8
February 1993	77.9	W	64.4	74.2	-	W	77.1	W	64.0	78.7	76.8	65.1
March 1992	73.7	-	62.1	W	-	W	72.3	-	62.0	74.0	74.3	65.5
PAD District III Average												
March 1993	82.3	61.9	65.2	78.8	60.7	61.5	81.1	61.5	64.4	78.0	72.0	70.3
February 1993	80.8	59.1	62.0	77.6	56.8	57.3	79.7	58.5	60.9	77.3	69.0	68.7
March 1992	77.1	59.4	63.9	75.1	59.9	61.0	76.5	59.5	63.2	76.8	72.2	71.2
Alabama												
March 1993	78.6	60.4	64.5	75.3	W	61.6	78.0	60.4	64.1	79.3	74.9	73.8
February 1993	78.1	58.3	61.4	74.6	W	57.4	77.4	58.3	60.8	78.6	72.4	71.3
March 1992	75.4	59.9	63.7	74.8	W	61.4	75.3	60.0	63.4	77.7	75.3	71.8
Arkansas												
March 1993	78.6	-	64.8	W	-	61.7	78.8	-	63.9	77.5	80.9	67.1
February 1993	77.2	-	61.2	W	W	58.1	77.1	W	60.3	74.5	73.3	63.7
March 1992	75.7	-	63.2	W	W	60.9	73.9	W	62.5	74.2	72.0	67.2
Louisiana												
March 1993	83.7	62.1	65.8	81.5	W	62.3	83.3	62.5	65.1	77.6	75.8	76.4
February 1993	82.7	W	63.2	81.5	W	58.3	82.5	59.4	62.2	77.0	75.0	75.4
March 1992	80.9	59.8	64.8	79.0	W	61.8	80.6	60.0	64.2	75.7	75.8	73.4
Mississippi												
March 1993	77.8	64.6	63.9	79.1	61.0	61.4	78.3	63.2	63.5	78.2	73.2	69.0
February 1993	77.4	61.1	60.5	77.4	56.0	57.2	77.4	59.6	59.9	77.8	71.7	66.2
March 1992	70.0	57.9	62.3	71.5	60.9	60.6	70.7	58.6	62.0	74.0	74.4	68.4
New Mexico												
March 1993	W	-	75.9	-	-	73.6	W	-	75.4	90.2	NA	77.0
February 1993	W	-	74.0	-	-	67.8	W	-	72.9	86.0	NA	79.0
March 1992	W	-	63.3	-	-	W	W	-	63.5	80.5	74.3	70.9
Texas												
March 1993	82.5	62.9	65.3	78.7	60.4	61.2	81.1	61.3	W	77.2	69.6	68.8
February 1993	80.7	59.4	61.9	77.5	56.6	56.8	79.6	58.1	W	77.0	67.1	67.9
March 1992	76.7	59.2	63.9	75.3	W	60.7	76.3	59.3	W	78.2	70.6	71.5
PAD District IV Average												
March 1993	82.3	-	70.9	W	-	68.7	83.6	-	70.7	81.6	73.2	71.0
February 1993	80.9	-	69.0	85.0	-	64.1	82.2	-	68.8	81.0	74.0	67.8
March 1992	73.6	W	68.8	W	-	66.5	75.0	W	68.4	72.4	73.1	68.3

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												
March 1993	84.9	-	71.7	W	-	67.0	85.4	-	71.2	84.0	70.2	70.6
February 1993	83.3	-	69.6	W	-	63.3	84.0	-	69.2	83.0	70.4	66.9
March 1992	76.2	W	70.4	W	-	66.5	76.8	W	69.5	76.5	71.5	73.2
Idaho												
March 1993	-	-	-	-	-	-	-	-	-	W	W	W
February 1993	-	-	-	-	-	-	-	-	-	W	W	W
March 1992	-	-	-	-	-	-	-	-	-	68.8	W	65.5
Montana												
March 1993	-	-	-	-	-	-	-	-	-	W	W	-
February 1993	-	-	-	-	-	-	-	-	-	W	W	-
March 1992	-	-	-	-	-	-	-	-	-	W	W	-
Utah												
March 1993	76.0	-	W	-	-	W	76.0	-	W	78.1	NA	71.7
February 1993	74.7	-	W	-	-	W	74.7	-	W	75.3	NA	69.9
March 1992	68.2	-	W	-	-	W	68.2	-	W	66.6	W	62.3
Wyoming												
March 1993	-	-	-	W	-	-	W	-	-	84.7	-	W
February 1993	-	-	-	W	-	-	W	-	-	79.0	-	W
March 1992	-	-	72.3	-	-	-	-	-	72.3	W	-	65.9
PAD District V Average												
March 1993	88.4	73.0	80.7	80.8	67.2	65.4	86.4	72.3	79.0	88.4	82.6	71.0
February 1993	90.5	74.0	82.5	84.3	W	66.2	88.8	74.3	80.8	90.1	82.2	73.8
March 1992	75.3	64.0	67.8	66.1	W	63.2	73.5	64.5	67.6	78.7	77.9	68.3
Alaska												
March 1993	-	-	-	-	-	-	-	-	-	-	-	-
February 1993	-	-	-	-	-	-	-	-	-	-	-	-
March 1992	-	-	-	-	-	-	-	-	-	-	-	-
Arizona												
March 1993	84.4	-	73.3	-	-	W	84.4	-	75.1	89.2	W	78.5
February 1993	86.7	-	72.1	-	-	W	86.7	-	72.2	89.9	W	74.1
March 1992	74.4	-	66.6	-	-	W	74.4	-	67.4	75.3	-	65.9
California												
March 1993	88.6	72.2	80.8	80.2	W	65.6	86.3	72.0	79.2	88.2	82.3	71.4
February 1993	90.7	73.4	82.7	83.8	W	66.2	88.8	73.3	80.9	90.1	83.8	73.9
March 1992	74.8	62.1	67.5	W	W	63.0	72.9	62.4	67.4	78.9	77.0	68.3
Hawaii												
March 1993	W	W	99.7	W	W	W	109.4	W	99.5	W	NA	W
February 1993	W	W	99.2	W	W	W	108.8	W	99.1	W	NA	W
March 1992	W	W	90.2	W	W	W	111.9	W	90.1	W	116.9	-
Nevada												
March 1993	W	W	70.5	W	-	W	69.8	W	70.4	84.8	W	80.2
February 1993	W	W	70.8	W	-	-	71.3	W	70.8	86.3	W	78.8
March 1992	W	W	61.9	W	-	W	65.1	W	61.9	76.1	W	68.1
Oregon												
March 1993	W	-	-	-	W	W	W	W	W	-	-	W
February 1993	W	-	-	-	-	-	W	-	-	-	-	-
March 1992	W	-	W	-	-	-	W	-	W	-	-	-
Washington												
March 1993	W	-	W	-	-	-	W	-	W	NA	W	W
February 1993	W	-	W	-	-	-	W	-	W	W	W	W
March 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												
March 1993	90.7	72.8	76.1	81.6	69.7	65.6	88.4	71.8	74.8	87.2	80.3	75.2
February 1993	91.1	72.5	74.7	81.2	69.5	62.4	88.6	71.7	73.3	87.3	79.1	73.6
March 1992	84.0	71.1	72.7	81.8	68.8	64.2	83.5	70.5	71.6	85.1	79.4	74.1
PAD District I Average												
March 1993	91.3	70.0	75.5	85.4	67.2	64.6	90.6	68.6	74.7	88.8	79.5	75.3
February 1993	92.1	69.6	73.9	85.1	67.2	62.0	91.3	68.5	73.2	89.4	78.7	74.2
March 1992	84.0	69.3	73.7	83.8	66.3	62.4	83.9	68.1	72.9	87.3	79.3	74.1
Subdistrict IA Average												
March 1993	97.5	68.0	74.8	-	W	W	97.5	63.9	74.1	92.7	73.5	75.0
February 1993	99.6	69.6	75.0	-	W	W	99.6	63.7	74.5	94.4	73.2	75.0
March 1992	85.3	NA	73.8	-	W	W	85.3	64.7	73.1	90.3	73.2	75.0
Connecticut												
March 1993	W	W	73.8	-	W	W	W	68.1	73.5	95.2	77.0	79.4
February 1993	W	W	74.3	-	W	W	W	69.1	74.2	97.5	77.2	81.2
March 1992	W	NA	74.9	-	W	W	W	69.3	74.8	91.1	74.4	79.6
Maine												
March 1993	-	W	69.3	-	W	W	-	W	69.2	93.6	79.7	71.8
February 1993	-	-	68.1	-	-	W	-	-	67.9	94.3	81.1	72.6
March 1992	-	NA	71.1	-	W	W	-	W	70.7	93.2	73.1	75.3
Massachusetts												
March 1993	97.6	W	76.4	-	W	W	97.6	61.8	75.7	91.2	69.6	72.9
February 1993	99.6	69.6	76.7	-	W	W	99.6	62.5	76.0	92.6	68.0	71.8
March 1992	86.9	76.4	73.7	-	W	W	86.9	W	73.0	88.9	71.0	71.3
New Hampshire												
March 1993	94.1	-	75.9	-	W	W	94.1	W	74.5	94.8	83.2	78.3
February 1993	96.7	-	76.5	-	W	W	96.7	W	75.1	96.2	82.1	78.5
March 1992	85.0	-	75.0	-	W	W	85.0	W	74.2	94.7	82.3	77.9
Rhode Island												
March 1993	90.3	W	75.6	-	W	W	90.3	66.3	73.6	86.5	NA	66.5
February 1993	92.6	W	76.3	-	-	W	92.6	W	74.7	89.1	76.0	63.9
March 1992	83.3	W	72.0	-	-	W	83.3	W	70.6	83.7	75.2	68.5
Vermont												
March 1993	-	-	W	-	-	W	-	-	74.2	94.8	82.7	80.8
February 1993	-	-	W	-	-	W	-	-	W	96.0	83.5	82.6
March 1992	-	-	W	-	-	W	-	-	74.0	93.7	80.2	80.9
Subdistrict IB Average												
March 1993	93.2	74.1	76.4	85.2	70.0	64.9	92.3	71.4	75.7	88.7	79.1	73.9
February 1993	96.1	74.5	75.4	86.1	70.9	63.5	95.0	72.3	74.8	90.2	78.9	73.8
March 1992	85.9	68.9	76.0	86.7	73.5	60.5	86.0	70.3	74.9	89.2	78.9	71.7
Delaware												
March 1993	W	W	74.4	-	-	W	W	W	74.2	87.2	77.2	68.5
February 1993	W	W	74.1	-	-	W	W	W	72.7	87.7	76.0	69.7
March 1992	W	W	68.2	-	-	W	W	W	68.0	87.3	78.1	70.3
District of Columbia												
March 1993	-	W	81.3	-	-	-	-	W	81.3	W	71.4	67.5
February 1993	-	W	82.5	-	-	-	-	W	82.5	W	70.0	69.3
March 1992	-	W	82.9	-	-	-	-	W	82.9	W	78.2	66.1
Maryland												
March 1993	-	71.1	75.0	-	-	74.1	-	71.1	74.9	87.9	79.1	73.9
February 1993	-	71.9	75.7	-	W	79.2	-	71.3	76.0	89.4	79.5	74.8
March 1992	-	68.0	79.7	W	W	63.0	W	67.8	78.3	91.1	81.3	75.3
New Jersey												
March 1993	100.3	72.6	77.3	W	W	62.8	100.1	69.4	76.6	97.2	79.2	76.1
February 1993	104.3	76.2	72.9	W	W	61.7	104.2	70.7	72.6	98.7	81.5	75.0
March 1992	88.1	66.1	74.8	W	W	58.3	88.3	66.4	73.5	90.7	75.3	69.3
New York												
March 1993	92.5	77.9	79.7	W	W	62.7	90.9	71.8	78.8	91.3	77.2	72.6
February 1993	94.4	75.9	80.8	W	W	61.3	92.6	72.3	79.9	93.0	75.4	73.1
March 1992	86.6	72.0	79.0	W	W	59.6	86.0	73.5	77.7	91.3	76.5	72.6
Pennsylvania												
March 1993	87.5	74.6	71.5	87.2	73.8	62.5	87.5	74.1	70.7	82.5	82.9	73.6
February 1993	90.5	75.5	71.9	89.8	73.9	59.9	90.4	74.4	70.6	83.8	81.9	73.3
March 1992	83.6	72.4	71.4	89.9	W	63.8	84.5	72.7	70.9	85.9	83.9	72.8

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												
March 1993	89.8	68.7	74.6	85.5	65.8	64.9	89.2	67.5	73.8	87.9	81.1	76.4
February 1993	89.4	67.6	71.9	84.7	64.6	61.4	88.8	66.6	71.0	87.9	79.8	74.3
March 1992	82.8	69.2	71.2	82.4	65.0	64.2	82.7	67.7	70.6	86.0	80.9	75.8
Florida												
March 1993	91.5	66.8	79.2	89.4	W	65.6	91.4	65.9	77.9	91.0	81.3	79.2
February 1993	91.0	64.4	77.1	87.0	W	62.3	90.7	64.0	75.7	92.0	78.9	76.0
March 1992	81.8	NA	72.5	80.8	W	64.5	81.7	66.3	71.9	88.5	79.8	74.9
Georgia												
March 1993	84.4	67.3	71.9	80.7	W	65.0	84.0	67.3	71.2	88.3	82.5	79.0
February 1993	84.2	67.6	68.7	79.0	W	61.2	83.6	67.4	68.0	87.7	82.0	75.9
March 1992	81.8	NA	69.3	79.8	-	64.4	81.6	NA	68.7	86.3	81.7	77.8
North Carolina												
March 1993	84.6	70.7	70.0	W	W	64.1	84.0	70.2	69.7	84.6	76.4	73.3
February 1993	85.4	68.3	66.5	W	W	61.4	84.4	68.2	66.2	84.1	75.8	72.6
March 1992	82.3	66.2	68.7	W	-	63.7	82.5	66.2	68.3	83.4	79.6	74.9
South Carolina												
March 1993	83.6	68.9	70.7	W	-	64.0	83.4	68.9	70.2	86.6	80.1	73.0
February 1993	82.5	66.2	67.2	W	-	60.3	82.3	66.2	66.7	86.1	76.4	69.7
March 1992	79.4	68.6	69.2	W	-	63.5	79.8	68.6	68.7	86.6	77.4	73.3
Virginia												
March 1993	94.4	68.5	73.6	W	W	63.6	91.5	65.8	72.7	88.9	84.0	76.4
February 1993	95.0	69.4	71.3	W	W	59.5	91.9	68.2	70.2	89.2	83.7	76.1
March 1992	88.5	68.6	73.3	W	W	63.3	87.7	68.2	72.6	86.0	83.5	76.6
West Virginia												
March 1993	96.4	78.7	73.7	88.4	W	66.9	93.3	79.1	72.9	88.2	81.2	80.4
February 1993	95.9	77.5	71.9	91.7	W	64.7	94.5	77.5	71.0	88.9	79.1	78.7
March 1992	95.8	76.2	73.0	82.9	W	68.1	91.6	76.7	72.5	86.5	79.5	78.8
PAD District II Average												
March 1993	86.2	71.5	71.7	73.3	67.4	65.7	81.2	71.3	70.8	82.9	80.6	73.0
February 1993	86.1	71.6	69.5	72.9	64.3	62.1	80.9	71.2	68.4	82.3	78.9	70.3
March 1992	82.6	72.4	69.4	77.6	69.6	63.5	81.3	72.3	68.3	81.1	78.7	72.2
Illinois												
March 1993	89.3	73.8	74.4	W	-	63.2	82.9	73.8	73.2	84.6	79.6	72.3
February 1993	87.6	70.7	72.6	W	-	59.1	80.2	70.7	71.4	83.9	76.8	70.9
March 1992	80.1	76.0	69.8	W	-	58.9	79.7	76.0	67.2	83.3	77.5	71.5
Indiana												
March 1993	82.1	67.9	71.2	W	W	63.3	74.6	65.8	70.0	79.8	82.3	71.8
February 1993	81.3	W	68.9	W	W	60.6	75.4	65.0	67.8	81.2	82.2	70.8
March 1992	78.3	65.7	68.9	W	-	64.0	77.4	65.7	68.1	78.9	79.5	73.3
Iowa												
March 1993	85.3	-	71.4	81.0	-	68.1	82.2	-	70.8	81.0	88.1	74.5
February 1993	85.7	-	68.8	78.4	-	64.6	80.4	-	68.1	78.6	88.0	71.5
March 1992	82.2	-	69.9	75.8	-	66.4	77.2	-	69.2	79.0	85.2	70.8
Kansas												
March 1993	90.5	W	71.2	80.9	W	66.6	85.3	W	68.8	84.6	83.2	71.7
February 1993	88.7	W	67.7	78.2	W	63.1	83.0	W	65.5	83.2	78.2	67.8
March 1992	85.6	W	68.5	78.0	W	66.0	81.5	W	67.4	83.1	77.7	70.2
Kentucky												
March 1993	87.5	77.8	71.0	74.2	-	67.8	85.8	77.8	70.8	84.4	78.5	76.6
February 1993	88.0	76.6	68.9	75.3	-	64.6	86.6	76.6	68.7	83.7	74.1	74.2
March 1992	83.6	76.5	70.4	76.0	-	65.2	82.7	76.5	70.0	83.1	79.5	76.7
Michigan												
March 1993	83.0	69.1	71.1	W	W	65.6	77.9	69.0	70.5	83.1	84.4	72.2
February 1993	84.3	70.5	70.1	W	W	64.0	73.5	70.4	69.4	84.3	82.8	70.4
March 1992	79.1	69.9	69.4	W	-	65.7	77.6	69.9	69.1	80.8	81.9	71.8
Minnesota												
March 1993	93.1	W	76.0	94.9	W	70.0	93.5	74.4	74.3	88.2	86.8	73.3
February 1993	91.9	W	72.4	92.9	W	65.6	92.2	W	70.8	85.9	86.4	70.8
March 1992	80.7	W	71.6	83.3	W	65.5	81.5	71.7	69.4	79.5	77.2	70.2
Missouri												
March 1993	88.9	W	71.5	71.0	W	66.4	78.6	W	70.4	78.2	86.2	71.8
February 1993	89.7	W	69.0	79.0	W	62.3	85.1	W	67.6	78.0	86.0	68.4
March 1992	81.3	W	68.8	77.9	W	65.6	80.0	71.9	68.1	78.9	87.1	70.5

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												
March 1993	W	-	73.6	84.0	W	68.5	86.9	W	72.5	84.7	NA	70.4
February 1993	W	-	70.0	79.6	W	63.5	82.0	W	68.4	80.4	NA	68.0
March 1992	W	-	72.0	78.1	-	67.7	81.2	-	71.0	80.4	82.7	71.5
North Dakota												
March 1993	94.9	-	79.4	W	-	69.8	94.5	-	76.9	93.0	78.5	77.1
February 1993	94.5	-	76.3	W	-	65.7	93.7	-	74.0	91.6	81.2	75.0
March 1992	86.4	-	74.7	W	-	67.5	85.1	-	72.3	85.1	86.4	77.3
Ohio												
March 1993	84.5	73.3	71.2	W	W	65.8	79.8	73.5	70.9	81.1	78.9	72.3
February 1993	85.6	75.2	70.2	W	W	63.3	83.4	75.3	69.9	81.4	77.6	69.7
March 1992	NA	NA	70.7	W	W	65.6	86.3	NA	70.4	82.6	77.7	72.4
Oklahoma												
March 1993	87.3	68.5	67.8	81.9	W	66.9	85.8	67.0	67.5	80.2	72.2	70.3
February 1993	84.4	64.4	63.9	79.7	W	62.0	83.2	63.4	63.3	77.1	69.8	67.3
March 1992	79.9	66.0	66.6	77.2	W	65.4	79.2	65.9	66.2	77.7	70.6	70.2
South Dakota												
March 1993	W	-	75.6	W	-	71.9	85.2	-	74.4	89.2	86.2	74.6
February 1993	W	-	70.7	W	-	66.5	81.5	-	69.2	86.0	84.4	71.9
March 1992	W	-	72.4	W	-	68.4	82.8	-	71.0	86.3	84.8	72.2
Tennessee												
March 1993	87.9	70.2	70.7	85.6	W	63.4	87.1	69.8	69.6	84.7	74.1	76.0
February 1993	86.9	65.8	67.2	85.0	W	59.7	86.3	64.8	66.0	83.2	72.0	72.1
March 1992	84.9	67.2	69.0	79.4	W	63.7	82.8	66.7	68.1	83.0	76.0	75.0
Wisconsin												
March 1993	84.0	W	71.3	W	-	65.5	82.8	W	69.9	85.2	84.1	69.1
February 1993	82.2	W	68.2	W	W	63.8	81.6	67.7	67.4	83.9	85.2	67.2
March 1992	77.2	W	67.7	W	W	62.9	76.3	W	66.7	80.0	76.1	67.9
PAD District III Average												
March 1993	89.7	68.6	70.0	88.1	65.7	63.4	89.2	68.0	68.3	86.4	75.7	75.0
February 1993	88.2	66.3	66.6	86.9	62.7	59.1	87.9	65.7	64.6	85.1	73.5	73.2
March 1992	84.1	65.3	68.3	83.7	69.4	63.2	84.0	65.8	66.8	84.0	76.7	75.5
Alabama												
March 1993	87.6	67.0	70.4	79.5	W	64.6	85.5	66.7	69.6	88.3	80.1	82.4
February 1993	87.5	65.1	67.2	79.9	W	61.1	85.5	64.6	66.3	87.5	79.5	79.5
March 1992	84.8	67.4	69.6	82.3	W	64.6	84.2	66.7	68.9	86.9	82.2	79.5
Arkansas												
March 1993	88.6	-	70.4	W	-	64.8	87.3	-	68.4	85.6	78.7	71.8
February 1993	87.0	W	66.7	W	-	61.2	85.3	W	64.9	83.0	75.2	68.3
March 1992	86.3	W	68.9	W	-	65.5	81.5	W	67.8	82.1	76.7	72.0
Louisiana												
March 1993	91.5	66.7	72.4	91.9	NA	64.4	91.5	67.2	70.8	85.4	NA	78.1
February 1993	90.5	64.3	68.6	92.8	NA	60.4	90.7	65.5	66.8	84.9	70.4	77.8
March 1992	87.9	65.5	68.5	84.5	NA	64.7	87.5	67.8	67.7	83.1	72.9	79.5
Mississippi												
March 1993	67.2	70.7	65.3	86.1	63.9	65.1	86.7	68.6	65.3	86.7	80.7	NA
February 1993	85.6	67.6	61.5	85.9	60.2	56.7	85.7	64.3	60.2	96.0	78.2	67.2
March 1992	77.5	67.9	66.1	77.0	63.7	63.7	77.2	66.5	65.4	81.8	80.4	74.2
New Mexico												
March 1993	100.9	W	78.4	100.6	-	75.8	100.7	W	77.8	95.7	86.4	85.0
February 1993	97.5	W	73.4	99.0	-	70.6	98.5	W	72.8	93.5	80.9	80.2
March 1992	85.1	W	69.3	89.8	-	67.4	88.2	W	68.8	83.8	77.2	79.5
Texas												
March 1993	89.4	68.8	69.8	87.8	W	62.2	89.0	67.3	67.4	85.4	74.4	72.4
February 1993	87.1	66.5	66.7	86.5	61.3	58.4	87.4	65.5	64.2	84.0	71.0	72.3
March 1992	83.4	64.5	68.1	84.1	70.3	62.4	83.6	65.1	66.1	84.6	75.5	73.7
PAD District IV Average												
March 1993	89.1	72.7	73.3	94.8	W	70.5	90.9	72.0	72.4	86.0	82.8	75.6
February 1993	88.1	68.7	69.9	93.5	W	67.2	89.7	67.4	69.1	85.9	80.9	72.4
March 1992	80.6	W	70.7	85.2	W	69.2	82.0	68.7	70.2	81.6	80.0	72.9

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												
March 1993	94.5	-	74.5	96.2	W	69.3	95.2	W	72.6	89.8	81.2	74.8
February 1993	93.2	W	70.9	95.0	W	67.5	93.9	68.5	70.0	89.7	77.9	72.2
March 1992	83.9	W	73.6	85.7	W	71.0	84.6	70.4	72.7	83.8	80.5	73.5
Idaho												
March 1993	-	W	72.7	W	-	70.9	W	W	W	82.3	83.1	76.4
February 1993	-	W	70.3	W	-	68.3	W	W	W	80.3	80.7	74.0
March 1992	W	-	69.7	W	-	W	83.8	-	69.5	81.0	80.1	74.3
Montana												
March 1993	-	W	72.6	W	W	72.0	W	W	72.4	81.9	84.8	74.8
February 1993	-	-	67.4	W	W	67.5	W	W	67.4	81.9	82.6	70.4
March 1992	W	-	68.0	W	-	68.1	W	-	68.0	79.7	83.0	71.2
Utah												
March 1993	80.6	W	72.9	W	W	71.0	80.7	71.9	72.3	83.3	NA	76.4
February 1993	79.5	W	70.1	W	W	67.0	79.6	67.8	69.3	83.9	86.4	74.1
March 1992	73.8	W	68.2	W	W	67.1	73.9	W	67.8	78.3	74.0	71.8
Wyoming												
March 1993	W	-	73.2	W	W	70.9	85.5	W	W	89.3	85.7	77.9
February 1993	W	W	67.8	W	W	65.6	85.4	66.1	W	86.7	86.0	71.9
March 1992	W	W	71.6	W	W	69.7	83.4	W	W	86.8	83.6	74.1
PAD District V Average												
March 1993	97.6	81.5	86.9	97.8	84.0	71.7	97.7	82.1	85.7	96.5	88.8	83.5
February 1993	101.5	83.0	89.2	101.1	85.9	72.6	101.4	83.6	87.9	98.2	89.7	83.3
March 1992	86.5	74.9	76.2	85.1	74.5	69.3	86.2	74.8	75.6	88.4	84.3	76.4
Alaska												
March 1993	W	W	85.2	107.6	W	W	106.1	W	83.9	NA	108.0	95.7
February 1993	W	W	96.9	119.5	W	W	118.7	W	95.4	NA	112.3	104.6
March 1992	W	W	W	103.2	W	W	101.2	W	79.4	115.5	94.8	93.0
Arizona												
March 1993	99.1	W	86.9	W	-	82.1	99.1	W	86.8	99.4	97.5	93.0
February 1993	101.6	W	88.0	W	-	77.3	101.4	W	87.5	99.9	90.7	88.2
March 1992	85.0	W	77.7	W	W	73.6	85.5	W	77.6	88.7	81.2	82.3
California												
March 1993	100.4	81.1	89.7	95.1	W	71.0	99.3	81.0	88.0	96.6	89.0	84.0
February 1993	103.3	82.6	91.2	98.5	W	72.0	102.1	82.5	89.6	97.9	89.4	84.2
March 1992	86.3	74.1	76.1	81.3	W	68.8	85.2	74.0	75.3	86.4	83.3	75.7
Hawaii												
March 1993	W	W	107.1	W	W	W	117.3	W	106.1	W	123.4	117.5
February 1993	W	W	106.8	W	W	W	116.6	W	105.8	W	121.4	117.2
March 1992	W	W	97.7	W	W	W	114.1	77.2	97.0	W	118.8	108.0
Nevada												
March 1993	W	W	78.1	W	-	73.3	88.2	W	77.8	99.2	89.5	88.1
February 1993	W	W	78.6	W	-	72.2	89.4	W	78.0	99.6	88.4	83.9
March 1992	85.0	W	73.1	W	-	74.3	84.5	W	73.2	91.7	81.9	79.5
Oregon												
March 1993	98.9	W	76.3	W	W	70.3	99.1	W	75.8	94.4	89.5	83.3
February 1993	104.0	-	81.5	W	-	70.3	104.0	-	80.8	98.5	90.0	83.9
March 1992	92.6	-	73.9	W	W	W	92.8	W	73.6	92.0	87.3	77.4
Washington												
March 1993	83.4	W	71.2	W	-	69.3	83.8	W	71.2	87.0	78.7	78.2
February 1993	91.7	W	77.7	W	-	72.3	92.1	W	77.5	91.2	83.2	77.8
March 1992	84.0	W	72.1	W	W	67.3	84.1	72.5	W	84.0	80.2	75.4

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.

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						
March 1993	99.4	96.9	60.6	60.3	75.0	38.2
February 1993	99.9	96.5	59.8	60.5	74.3	36.7
March 1992	98.0	92.5	55.5	54.6	70.1	29.4
PAD District I Average						
March 1993	97.9	96.1	60.2	62.4	W	44.0
February 1993	98.0	96.3	58.3	61.0	W	40.8
March 1992	97.8	94.4	55.9	59.5	W	35.3
Subdistrict IA Average						
March 1993	W	W	63.1	63.1	W	44.4
February 1993	W	W	61.4	61.7	W	42.4
March 1992	W	W	58.2	61.7	W	36.8
Connecticut						
March 1993	W	W	62.1	W	W	45.1
February 1993	W	W	60.5	62.1	W	43.4
March 1992	W	W	58.1	W	W	37.1
Maine						
March 1993	W	-	W	W	W	W
February 1993	W	-	W	W	W	W
March 1992	W	-	62.3	W	W	W
Massachusetts						
March 1993	W	W	62.3	62.7	W	44.6
February 1993	W	W	60.9	61.6	W	42.3
March 1992	W	W	57.5	61.9	W	37.0
New Hampshire						
March 1993	W	W	66.3	W	W	40.6
February 1993	W	W	62.9	W	W	39.1
March 1992	W	W	61.2	W	W	34.2
Rhode Island						
March 1993	W	W	64.4	W	-	45.3
February 1993	W	W	61.7	W	-	44.2
March 1992	W	W	59.6	W	-	37.3
Vermont						
March 1993	W	W	W	W	W	46.3
February 1993	W	W	W	W	W	43.7
March 1992	W	W	W	W	W	39.0
Subdistrict IB Average						
March 1993	100.0	98.7	60.1	61.3	W	45.9
February 1993	W	98.0	57.8	59.4	W	42.6
March 1992	99.5	90.7	55.3	58.5	W	34.3
Delaware						
March 1993	W	W	67.1	W	-	W
February 1993	W	W	65.5	W	-	W
March 1992	W	-	63.1	59.9	-	W
District of Columbia						
March 1993	W	-	-	-	-	-
February 1993	-	-	-	-	-	-
March 1992	-	-	-	-	-	-
Maryland						
March 1993	W	W	59.2	62.1	W	45.4
February 1993	W	W	58.6	W	W	41.7
March 1992	W	W	55.0	58.8	W	W
New Jersey						
March 1993	W	W	59.9	61.3	90.0	46.8
February 1993	W	W	57.3	58.7	96.4	43.4
March 1992	97.4	W	54.7	58.8	96.3	34.1
New York						
March 1993	W	97.5	64.2	NA	W	45.0
February 1993	W	93.3	62.4	65.8	W	42.7
March 1992	W	93.4	59.6	62.9	W	36.2
Pennsylvania						
March 1993	W	100.1	60.0	60.7	W	46.0
February 1993	W	102.2	58.5	58.3	W	42.9
March 1992	W	W	56.7	55.7	W	34.0
Subdistrict IC Average						
March 1993	96.6	95.6	59.8	64.4	W	43.1
February 1993	96.4	96.0	58.2	62.8	W	39.9
March 1992	96.7	94.9	55.9	61.2	W	35.8

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						
March 1993	94.5	93.6	60.3	64.3	W	45.7
February 1993	94.6	93.8	59.1	62.9	W	43.2
March 1992	94.9	92.6	56.8	62.8	W	39.0
Georgia						
March 1993	97.9	98.2	58.8	63.1	W	40.6
February 1993	96.7	98.6	56.5	62.0	W	37.3
March 1992	98.9	97.6	54.2	56.8	W	33.6
North Carolina						
March 1993	101.4	W	59.3	65.5	W	42.6
February 1993	101.4	W	58.2	62.6	W	39.5
March 1992	102.6	97.6	55.0	63.4	W	35.3
South Carolina						
March 1993	W	97.3	63.7	66.3	W	41.8
February 1993	W	97.2	62.9	W	W	39.5
March 1992	W	95.7	60.4	W	97.4	34.3
Virginia						
March 1993	104.1	W	59.2	64.5	71.6	45.4
February 1993	W	W	57.9	62.1	69.6	41.6
March 1992	100.5	W	55.2	61.1	83.8	36.3
West Virginia						
March 1993	W	W	W	W	W	45.1
February 1993	W	W	W	W	W	40.8
March 1992	W	W	67.3	W	W	33.4
PAD District II Average						
March 1993	93.9	94.8	59.8	63.3	82.9	39.3
February 1993	95.7	95.3	58.3	62.1	82.5	37.4
March 1992	93.9	93.1	55.8	57.9	71.5	27.3
Illinois						
March 1993	W	W	58.7	61.0	83.0	40.4
February 1993	W	W	57.1	60.1	82.1	37.0
March 1992	W	W	54.7	56.1	NA	27.1
Indiana						
March 1993	95.7	93.1	58.3	63.8	88.4	42.6
February 1993	96.3	93.2	57.0	60.6	87.3	39.7
March 1992	W	90.5	54.2	54.6	77.9	29.8
Iowa						
March 1993	W	96.1	W	68.8	W	40.8
February 1993	W	97.2	62.6	67.7	W	38.7
March 1992	W	94.1	59.8	60.8	W	28.6
Kansas						
March 1993	W	92.8	58.6	W	W	35.5
February 1993	W	94.2	56.1	67.6	W	35.2
March 1992	W	93.3	53.7	63.5	W	25.1
Kentucky						
March 1993	W	96.1	62.6	61.8	W	37.5
February 1993	W	W	60.2	59.1	71.2	37.2
March 1992	W	99.1	57.7	63.9	33.1	29.1
Michigan						
March 1993	W	W	60.7	63.7	90.8	40.6
February 1993	W	W	58.8	61.9	90.8	39.9
March 1992	W	W	56.2	56.4	85.2	30.3
Minnesota						
March 1993	W	96.7	61.3	62.5	W	40.7
February 1993	W	97.4	59.5	61.3	W	38.2
March 1992	W	94.0	57.0	57.7	W	26.8
Missouri						
March 1993	W	95.9	60.2	65.8	W	41.1
February 1993	W	96.2	59.4	65.2	W	38.3
March 1992	W	94.0	57.0	W	53.8	28.4
Nebraska						
March 1993	W	95.8	61.2	70.5	-	40.1
February 1993	W	95.8	59.7	68.9	W	37.4
March 1992	W	92.8	58.0	64.9	W	27.6
North Dakota						
March 1993	95.8	W	68.4	71.5	W	37.6
February 1993	95.5	W	66.0	70.0	W	34.9
March 1992	W	W	61.1	64.2	W	24.6

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						
March 1993	W	94.8	61.3	62.4	86.9	41.9
February 1993	W	96.6	59.9	61.5	86.0	39.2
March 1992	W	92.8	57.8	60.9	89.6	29.4
Oklahoma						
March 1993	W	92.2	58.4	60.8	71.2	38.0
February 1993	W	W	57.1	62.8	65.6	37.1
March 1992	88.9	88.6	54.3	56.6	30.3	26.4
South Dakota						
March 1993	W	98.8	70.3	W	W	41.2
February 1993	W	W	67.3	W	W	38.5
March 1992	W	97.0	65.6	W	W	27.8
Tennessee						
March 1993	97.8	95.1	59.2	64.0	W	45.2
February 1993	97.7	95.7	58.3	62.5	W	41.2
March 1992	W	96.2	60.1	60.4	W	34.0
Wisconsin						
March 1993	-	95.4	60.8	65.3	79.1	43.1
February 1993	W	95.7	59.3	63.7	79.7	39.6
March 1992	-	93.8	58.0	61.3	65.6	28.8
PAD District III Average						
March 1993	95.8	87.3	57.0	57.3	47.4	35.0
February 1993	96.3	86.2	55.5	56.0	46.2	34.0
March 1992	96.2	85.2	53.3	52.6	43.3	29.2
Alabama						
March 1993	98.9	97.2	62.3	64.9	84.2	39.2
February 1993	100.4	96.9	60.7	62.7	85.2	37.0
March 1992	99.3	99.1	58.9	60.8	83.0	32.5
Arkansas						
March 1993	W	W	63.3	65.4	W	42.3
February 1993	W	W	62.6	65.0	W	40.0
March 1992	W	W	54.2	63.9	NA	32.9
Louisiana						
March 1993	W	88.4	57.3	57.5	38.8	34.9
February 1993	W	90.9	55.8	56.4	38.7	33.6
March 1992	W	94.7	53.4	52.3	70.2	29.0
Mississippi						
March 1993	W	97.9	56.5	57.7	W	38.0
February 1993	96.9	W	54.2	55.8	W	36.3
March 1992	97.1	97.2	54.8	52.0	W	31.7
New Mexico						
March 1993	W	W	61.6	65.5	36.8	36.1
February 1993	W	W	60.2	62.6	38.6	37.0
March 1992	W	W	57.1	59.4	31.7	27.9
Texas						
March 1993	95.2	84.2	56.8	57.1	35.1	34.1
February 1993	94.8	82.8	55.3	55.7	33.4	33.3
March 1992	96.5	81.9	53.0	52.7	29.4	28.8
PAD District IV Average						
March 1993	101.7	101.9	63.6	68.2	77.7	35.8
February 1993	101.1	103.3	63.2	67.5	77.2	35.6
March 1992	97.3	96.9	58.4	62.7	W	24.0
Colorado						
March 1993	W	101.8	60.3	60.1	67.1	38.1
February 1993	W	102.5	59.3	64.4	70.8	36.9
March 1992	W	94.2	55.2	60.8	73.6	26.5
Idaho						
March 1993	W	W	74.8	77.5	W	35.7
February 1993	W	W	74.9	77.5	W	36.9
March 1992	W	106.5	66.6	72.2	W	W
Montana						
March 1993	W	W	73.3	W	W	33.6
February 1993	W	W	73.0	W	W	32.3
March 1992	W	W	67.4	W	W	22.2

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						
March 1993	W	100.9	67.2	70.0	W	35.5
February 1993	W	101.9	66.4	69.8	W	37.9
March 1992	99.2	98.6	61.2	67.3	NA	24.0
Wyoming						
March 1993	103.2	W	79.3	W	60.6	34.7
February 1993	103.4	W	78.5	75.4	NA	35.4
March 1992	W	W	74.7	W	56.6	22.8
PAD District V Average						
March 1993	109.1	105.1	64.4	63.9	77.6	38.1
February 1993	110.0	105.6	65.6	65.4	82.4	40.6
March 1992	103.2	94.9	56.1	54.3	79.4	30.6
Alaska						
March 1993	W	W	68.8	68.4	W	W
February 1993	W	W	69.1	W	W	W
March 1992	W	W	65.3	56.2	W	W
Arizona						
March 1993	102.5	101.5	65.7	68.2	W	41.2
February 1993	W	102.6	67.9	68.7	W	40.8
March 1992	W	98.5	56.7	59.0	W	W
California						
March 1993	110.1	102.7	63.3	63.2	W	39.6
February 1993	110.4	104.2	64.3	64.3	W	42.5
March 1992	100.9	90.3	54.1	53.8	W	31.0
Hawaii						
March 1993	W	W	68.1	92.8	W	W
February 1993	W	W	68.6	W	W	W
March 1992	W	W	59.0	W	W	W
Nevada						
March 1993	W	W	66.1	65.5	W	36.0
February 1993	W	W	67.8	67.2	W	39.5
March 1992	W	W	56.1	58.0	W	26.4
Oregon						
March 1993	W	103.1	64.1	68.9	W	41.7
February 1993	W	103.6	66.5	69.0	W	NA
March 1992	W	98.3	56.5	66.7	W	32.9
Washington						
March 1993	W	104.8	62.7	63.9	W	31.2
February 1993	W	W	64.7	68.1	W	32.8
March 1992	W	99.7	54.9	54.2	NA	23.2

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						
March 1993	83.2	65.4	69.2	67.6	63.3	59.5
February 1993	81.3	63.7	66.5	65.7	61.2	57.1
March 1992	79.1	58.4	63.0	62.1	57.1	53.8
PAD District I Average						
March 1993	81.0	66.2	67.6	65.7	64.3	59.6
February 1993	78.8	64.0	65.1	63.6	62.9	57.6
March 1992	76.1	59.1	61.6	59.5	58.2	53.9
Subdistrict IA Average						
March 1993	66.7	66.9	66.5	66.6	67.5	60.8
February 1993	W	63.4	64.1	64.7	66.8	58.9
March 1992	59.8	59.1	57.8	61.3	61.0	54.3
Connecticut						
March 1993	W	W	69.3	66.6	63.7	60.3
February 1993	W	66.9	67.0	64.4	62.2	59.0
March 1992	W	61.0	60.8	62.1	56.8	55.2
Maine						
March 1993	W	66.5	W	67.7	61.8	61.4
February 1993	W	61.1	W	W	59.4	59.3
March 1992	-	59.1	W	61.6	55.9	54.6
Massachusetts						
March 1993	W	66.1	W	W	69.1	61.2
February 1993	W	61.7	W	W	69.1	58.6
March 1992	W	57.3	NA	W	62.5	53.7
New Hampshire						
March 1993	W	66.3	W	W	61.1	61.6
February 1993	W	W	W	W	59.0	59.6
March 1992	W	W	W	W	56.1	55.6
Rhode Island						
March 1993	-	64.7	64.6	W	70.5	60.3
February 1993	-	W	W	W	72.0	58.5
March 1992	-	W	W	W	65.8	54.0
Vermont						
March 1993	-	W	-	W	64.9	63.0
February 1993	-	W	W	W	62.3	60.9
March 1992	-	57.3	W	W	58.5	56.2
Subdistrict IB Average						
March 1993	78.7	66.5	68.5	65.4	67.1	59.7
February 1993	78.6	63.7	65.2	63.3	65.8	57.7
March 1992	72.8	57.7	62.7	58.8	60.8	53.9
Delaware						
March 1993	-	W	W	W	62.3	59.4
February 1993	-	W	66.5	W	59.6	56.7
March 1992	-	W	W	W	56.0	W
District of Columbia						
March 1993	-	W	-	-	W	59.0
February 1993	-	W	-	-	57.8	57.8
March 1992	-	W	-	-	54.4	NA
Maryland						
March 1993	NA	67.4	69.4	68.2	60.5	60.1
February 1993	NA	64.6	66.3	66.2	59.2	57.8
March 1992	60.9	59.0	60.7	W	53.9	54.4
New Jersey						
March 1993	69.6	64.6	65.1	61.5	63.5	59.0
February 1993	69.1	61.9	61.6	59.7	61.5	57.5
March 1992	62.4	57.3	57.9	54.7	56.8	53.1
New York						
March 1993	80.1	68.3	W	66.5	71.7	60.1
February 1993	81.5	65.7	W	64.0	70.0	58.0
March 1992	74.6	59.4	57.7	59.0	67.0	54.9
Pennsylvania						
March 1993	80.9	66.0	70.2	65.6	68.4	60.1
February 1993	75.8	63.2	66.9	63.7	67.1	57.7
March 1992	77.7	56.5	69.6	60.4	60.9	54.0
Subdistrict IC Average						
March 1993	98.9	65.8	67.2	65.2	62.1	59.1
February 1993	97.6	64.4	65.7	63.2	60.3	57.0
March 1992	94.1	60.6	63.8	59.6	56.4	53.6

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						
March 1993	107.2	68.1	W	W	62.5	59.3
February 1993	114.7	65.9	W	W	61.0	57.1
March 1992	103.0	59.8	W	W	57.0	53.4
Georgia						
March 1993	NA	64.2	W	W	62.1	58.9
February 1993	NA	63.4	W	66.2	60.5	56.6
March 1992	114.3	59.8	W	W	56.4	53.3
North Carolina						
March 1993	NA	65.7	64.6	62.2	60.4	58.8
February 1993	NA	64.1	62.2	60.5	59.1	56.6
March 1992	93.4	61.9	60.6	57.0	54.9	53.5
South Carolina						
March 1993	NA	66.3	W	-	61.8	59.2
February 1993	NA	65.2	W	W	59.5	56.9
March 1992	111.0	60.8	W	W	55.9	53.7
Virginia						
March 1993	67.5	65.0	62.8	64.7	61.8	59.1
February 1993	65.2	63.8	63.3	62.9	59.2	57.2
March 1992	66.2	58.3	64.9	58.9	56.1	53.9
West Virginia						
March 1993	NA	68.3	78.4	72.7	64.3	60.8
February 1993	W	66.1	72.5	69.8	62.9	58.4
March 1992	79.2	63.0	70.7	68.7	58.1	55.1
PAD District II Average						
March 1993	91.1	68.2	65.8	65.9	62.2	60.1
February 1993	90.2	65.5	63.6	63.7	59.8	57.2
March 1992	95.1	60.8	60.2	60.5	56.4	54.9
Illinois						
March 1993	88.4	62.6	W	63.3	61.4	58.9
February 1993	97.2	61.8	W	62.1	58.5	55.8
March 1992	W	W	W	59.8	54.8	54.2
Indiana						
March 1993	W	67.7	66.9	64.9	61.3	59.7
February 1993	105.6	64.8	63.2	63.2	58.6	56.1
March 1992	89.1	61.6	60.8	60.4	55.2	53.9
Iowa						
March 1993	-	73.3	W	66.6	62.1	61.6
February 1993	-	72.1	W	64.4	59.5	58.7
March 1992	-	64.7	61.7	61.3	57.4	56.3
Kansas						
March 1993	-	72.1	65.4	63.8	60.3	58.8
February 1993	-	71.9	63.1	61.8	58.2	56.2
March 1992	-	62.8	60.2	58.7	55.7	54.5
Kentucky						
March 1993	90.6	69.3	70.2	67.9	63.1	60.3
February 1993	NA	66.9	68.7	65.8	61.6	57.9
March 1992	96.5	64.9	NA	63.9	56.9	54.7
Michigan						
March 1993	NA	69.7	66.5	66.6	61.9	60.6
February 1993	NA	65.7	63.3	62.9	59.0	57.2
March 1992	116.9	63.3	61.7	61.5	56.0	54.9
Minnesota						
March 1993	W	70.0	65.4	68.0	61.7	62.3
February 1993	W	70.1	64.0	65.7	58.1	59.3
March 1992	W	67.0	60.7	62.5	58.0	56.5
Missouri						
March 1993	-	64.9	65.6	65.3	62.3	59.6
February 1993	-	64.0	63.6	63.3	60.1	57.0
March 1992	-	61.2	W	60.9	56.8	54.8
Nebraska						
March 1993	-	W	W	66.4	W	61.4
February 1993	-	72.1	W	64.5	W	58.6
March 1992	-	W	W	60.6	53.5	56.4
North Dakota						
March 1993	W	W	68.6	69.1	W	63.7
February 1993	W	W	67.0	67.4	W	59.9
March 1992	W	W	W	64.3	W	57.7

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						
March 1993	81.2	69.5	73.8	67.3	65.1	62.2
February 1993	81.5	65.8	69.0	63.7	62.5	58.9
March 1992	87.8	61.8	72.1	61.8	58.4	56.0
Oklahoma						
March 1993	-	68.7	66.7	61.3	59.9	57.9
February 1993	-	64.8	62.1	59.6	57.9	55.6
March 1992	-	W	W	55.2	54.5	53.5
South Dakota						
March 1993	-	W	67.8	68.0	62.0	62.0
February 1993	-	W	66.2	65.8	59.6	58.7
March 1992	-	-	W	62.7	W	57.4
Tennessee						
March 1993	103.3	66.4	63.3	64.6	61.5	58.4
February 1993	102.4	64.1	63.4	62.4	59.6	56.3
March 1992	112.6	59.9	NA	60.2	56.2	52.8
Wisconsin						
March 1993	W	W	66.4	66.1	61.9	60.4
February 1993	W	70.6	62.1	63.4	59.0	57.0
March 1992	W	W	60.3	61.0	56.3	55.1
PAD District III Average						
March 1993	86.0	57.6	64.1	65.8	61.4	57.0
February 1993	NA	57.8	62.2	64.2	58.9	54.9
March 1992	74.8	W	58.2	59.4	55.0	51.8
Alabama						
March 1993	W	64.6	63.7	W	60.2	58.1
February 1993	W	63.8	62.4	W	58.5	56.0
March 1992	W	60.5	W	59.4	54.8	52.8
Arkansas						
March 1993	W	65.5	W	W	61.7	58.4
February 1993	-	63.6	67.6	W	59.8	56.0
March 1992	W	59.8	NA	-	54.7	53.5
Louisiana						
March 1993	W	W	W	W	59.4	55.9
February 1993	W	W	W	W	56.8	54.2
March 1992	W	52.9	-	W	52.7	50.9
Mississippi						
March 1993	-	W	63.8	-	59.4	55.6
February 1993	-	W	61.7	W	57.7	54.2
March 1992	-	W	57.7	W	54.5	50.4
New Mexico						
March 1993	W	84.2	W	75.1	71.3	65.8
February 1993	W	75.8	W	70.1	66.4	57.8
March 1992	-	77.7	W	67.1	63.7	59.0
Texas						
March 1993	W	64.6	W	67.6	61.2	56.9
February 1993	W	59.7	W	63.6	58.6	54.7
March 1992	W	58.4	W	59.1	54.7	51.7
PAD District IV Average						
March 1993	-	72.6	75.6	72.4	64.7	64.5
February 1993	-	71.6	71.4	69.7	60.5	60.0
March 1992	-	71.3	69.9	66.6	59.5	59.9
Colorado						
March 1993	-	W	79.7	70.5	65.0	63.4
February 1993	-	W	74.3	65.8	60.7	58.4
March 1992	-	W	73.9	65.6	62.6	60.3
Idaho						
March 1993	-	W	W	76.2	W	67.3
February 1993	-	W	W	73.9	W	64.4
March 1992	-	-	W	67.8	W	62.2
Montana						
March 1993	-	-	70.4	71.8	62.0	61.7
February 1993	-	-	67.0	69.9	56.0	56.1
March 1992	-	-	64.3	68.2	58.5	57.8

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						
March 1993	-	W	75.8	76.4	66.0	67.3
February 1993	-	W	71.9	73.9	63.7	64.1
March 1992	-	W	64.5	67.5	57.5	59.6
Wyoming						
March 1993	-	W	72.7	71.4	63.7	62.6
February 1993	-	-	68.8	68.1	59.3	56.7
March 1992	-	-	67.6	67.6	59.5	59.7
PAD District V Average						
March 1993	W	66.9	79.5	73.6	65.9	60.7
February 1993	W	65.9	78.3	72.7	63.9	58.1
March 1992	W	67.0	70.6	67.9	58.3	53.2
Alaska						
March 1993	-	-	85.1	75.9	79.1	62.8
February 1993	-	-	82.8	75.7	86.8	60.1
March 1992	W	W	82.9	78.6	84.8	57.9
Arizona						
March 1993	W	W	W	79.1	69.4	66.6
February 1993	W	W	W	72.8	66.3	60.8
March 1992	W	W	68.7	65.7	58.5	54.2
California						
March 1993	-	63.7	W	68.3	65.3	59.5
February 1993	-	64.6	W	67.3	61.8	56.9
March 1992	-	W	W	NA	56.8	52.4
Hawaii						
March 1993	-	-	W	W	65.4	72.7
February 1993	-	-	W	W	64.8	71.9
March 1992	-	-	W	W	62.9	67.1
Nevada						
March 1993	-	-	W	71.6	66.4	63.3
February 1993	-	-	W	70.0	64.0	60.4
March 1992	-	-	W	63.3	59.4	55.0
Oregon						
March 1993	W	W	72.6	71.5	62.6	61.4
February 1993	W	W	73.7	70.2	61.3	59.1
March 1992	-	W	75.2	63.3	54.2	52.8
Washington						
March 1993	-	W	79.8	71.3	64.5	59.8
February 1993	-	W	76.1	70.7	65.6	58.3
March 1992	-	W	83.9	64.6	58.0	52.7

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									
March 1993	89.8	62.7	59.5	95.5	71.1	61.6	95.4	68.5	60.1
February 1993	88.9	60.5	57.1	94.7	69.3	60.2	94.6	66.5	58.1
March 1992	86.7	56.5	53.8	93.1	66.6	56.2	93.0	63.3	54.5
PAD District I Average									
March 1993	89.8	62.9	59.6	96.6	71.7	61.2	96.5	69.2	60.3
February 1993	88.9	61.2	57.6	96.0	70.6	60.2	95.9	68.0	58.7
March 1992	87.4	56.9	53.9	94.6	68.1	55.6	94.4	64.7	54.6
Subdistrict IA Average									
March 1993	W	63.1	60.8	93.5	75.1	61.8	93.5	74.0	61.5
February 1993	W	61.4	58.9	92.8	74.2	60.3	92.7	73.0	59.8
March 1992	W	56.7	54.3	90.9	71.0	54.8	90.9	69.4	54.6
Connecticut									
March 1993	-	63.7	60.3	96.7	77.2	61.2	96.7	76.0	60.8
February 1993	-	62.2	59.0	96.2	76.0	59.6	96.2	75.0	59.3
March 1992	-	56.8	55.2	94.0	70.6	53.6	94.0	69.6	54.1
Maine									
March 1993	-	61.8	61.4	86.5	74.1	62.6	86.5	73.6	62.2
February 1993	-	59.4	59.3	85.4	73.6	62.5	85.4	73.1	61.5
March 1992	-	55.9	54.6	86.4	71.8	57.0	86.4	70.9	56.1
Massachusetts									
March 1993	W	63.2	61.2	94.9	74.0	61.9	94.8	72.7	61.7
February 1993	W	61.7	58.6	94.5	73.1	60.4	94.4	71.8	59.7
March 1992	W	56.8	53.7	91.6	70.0	53.3	91.5	68.0	53.5
New Hampshire									
March 1993	-	61.1	61.6	86.6	76.5	62.3	86.6	75.6	62.2
February 1993	-	59.0	59.6	87.0	74.9	59.3	87.0	73.4	59.4
March 1992	-	56.1	55.6	83.4	72.3	59.8	83.4	70.5	59.3
Rhode Island									
March 1993	W	61.9	60.3	92.5	75.8	61.1	92.4	74.2	60.8
February 1993	W	60.5	58.5	91.9	75.4	60.2	91.8	73.9	59.5
March 1992	W	55.8	54.0	91.0	72.9	54.8	90.9	70.7	54.5
Vermont									
March 1993	-	64.9	63.0	93.7	76.6	64.8	93.7	75.6	64.2
February 1993	-	62.3	60.9	93.3	75.9	62.3	93.3	74.6	61.8
March 1992	-	58.5	56.2	92.2	74.8	59.3	92.2	73.5	57.9
Subdistrict IB Average									
March 1993	90.0	64.2	59.7	98.9	73.8	60.8	98.7	71.0	60.1
February 1993	88.8	62.5	57.7	98.4	72.8	60.1	98.2	69.9	58.6
March 1992	87.4	57.8	53.9	97.1	69.6	56.0	96.8	66.2	54.7
Delaware									
March 1993	-	62.3	59.4	92.4	69.8	62.9	92.4	67.6	60.1
February 1993	-	59.6	56.7	90.8	68.3	61.6	90.8	66.3	57.7
March 1992	W	56.0	W	92.4	63.1	56.0	92.4	61.8	53.6
District of Columbia									
March 1993	-	W	59.0	108.5	69.8	59.2	108.5	67.0	59.1
February 1993	-	57.8	57.8	106.8	67.8	W	106.8	66.9	57.8
March 1992	-	54.4	NA	105.3	66.9	W	105.3	66.2	54.1
Maryland									
March 1993	W	60.5	60.1	101.6	71.6	61.8	101.6	68.4	60.8
February 1993	W	59.2	57.8	101.4	70.6	62.0	101.3	67.3	59.1
March 1992	W	53.9	54.4	100.3	68.8	59.2	100.2	64.4	55.8
New Jersey									
March 1993	-	63.5	59.0	96.3	71.4	58.8	96.3	68.4	59.0
February 1993	-	61.5	57.5	96.7	71.1	58.7	96.7	67.4	57.9
March 1992	-	56.8	53.1	93.1	65.4	53.8	93.1	62.5	53.4
New York									
March 1993	W	67.6	60.1	104.4	78.2	61.4	104.2	75.5	60.7
February 1993	W	65.9	58.0	104.4	76.7	60.5	104.2	73.8	59.1
March 1992	W	62.5	54.9	102.2	73.7	57.2	102.0	71.0	55.9

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	
Pennsylvania									
March 1993	W	63.9	60.1	90.2	72.3	62.3	90.0	70.0	60.9
February 1993	W	61.7	57.7	89.3	71.4	60.9	89.1	68.8	58.9
March 1992	W	57.0	54.0	90.2	68.9	56.8	89.9	65.3	55.0
Subdistrict IC Average^b									
March 1993	80.3	62.1	59.1	95.5	68.7	61.3	95.5	66.5	59.8
February 1993	W	60.3	57.0	95.0	67.1	59.8	95.0	64.9	57.7
March 1992	W	56.4	53.6	94.2	65.6	57.1	94.2	62.1	54.5
Virginia									
March 1993	W	61.7	59.1	94.5	69.8	59.6	94.5	68.0	59.3
February 1993	W	59.1	57.2	93.6	69.0	58.1	93.5	66.6	57.4
March 1992	W	56.1	53.9	93.7	67.1	56.1	93.7	63.8	54.4
West Virginia									
March 1993	W	64.2	60.8	90.2	70.4	65.4	89.9	67.6	61.3
February 1993	W	62.8	58.4	88.9	69.1	63.7	88.6	66.4	59.2
March 1992	W	58.0	55.1	87.2	66.0	61.6	86.6	62.5	55.9
PAD District II Average^b									
March 1993	W	62.1	60.1	85.4	70.8	62.3	85.4	67.7	60.7
February 1993	W	59.7	57.2	84.0	68.9	60.0	84.0	65.5	57.9
March 1992	W	56.3	54.9	81.1	66.2	57.6	81.1	62.5	55.5
Illinois									
March 1993	-	61.4	58.9	90.0	73.3	61.6	90.0	70.0	59.7
February 1993	-	58.5	55.8	88.2	71.7	58.7	88.2	68.1	56.8
March 1992	-	54.8	54.2	88.1	67.4	56.7	88.1	64.0	54.9
Indiana									
March 1993	W	61.2	59.7	83.0	70.3	60.5	82.9	66.3	60.0
February 1993	W	58.5	56.1	82.3	68.0	58.1	82.3	63.8	56.8
March 1992	W	55.2	53.9	79.7	66.9	57.4	79.7	61.1	55.1
Michigan									
March 1993	-	61.9	60.6	90.2	74.4	64.1	90.2	69.1	61.7
February 1993	-	59.0	57.2	87.6	73.5	62.5	87.6	67.8	58.9
March 1992	-	56.0	54.9	86.6	70.4	59.3	86.6	65.1	56.3
Minnesota									
March 1993	-	61.7	62.3	84.0	75.0	64.7	84.0	70.6	62.8
February 1993	-	58.1	59.3	83.0	73.7	63.3	83.0	68.6	60.4
March 1992	-	58.0	56.5	78.9	68.7	59.1	78.9	65.7	57.1
Ohio									
March 1993	W	64.8	62.2	86.6	70.8	62.9	86.5	67.8	62.3
February 1993	W	62.2	58.9	85.6	69.2	59.7	85.5	65.3	59.1
March 1992	W	58.1	56.0	82.7	66.6	56.5	82.5	61.9	56.1
Wisconsin									
March 1993	-	61.9	60.4	84.0	71.4	62.6	84.0	69.6	61.0
February 1993	-	59.0	57.0	83.3	68.9	59.1	83.3	67.3	57.6
March 1992	-	56.3	55.1	79.3	65.7	56.4	79.3	63.9	55.4
PAD District III Average									
March 1993	-	61.4	57.0	NA	66.4	58.2	NA	65.0	57.2
February 1993	-	58.9	54.9	71.2	64.2	57.1	71.2	62.6	55.3
March 1992	-	55.0	51.8	68.4	62.0	54.3	68.4	59.7	52.2
PAD District IV Average^b									
March 1993	-	64.7	64.5	86.9	76.0	67.1	86.9	72.3	65.0
February 1993	-	60.5	60.0	83.7	73.5	64.2	83.7	68.8	60.8
March 1992	-	59.5	59.9	80.9	71.1	63.9	80.9	67.3	60.7
Idaho									
March 1993	-	W	67.3	87.8	78.4	71.8	87.8	76.1	68.1
February 1993	-	W	64.4	84.2	76.4	68.8	84.2	74.7	65.5
March 1992	-	W	62.2	82.2	73.0	65.8	82.2	70.5	62.9

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									
March 1993	92.0	65.2	60.7	96.7	75.0	67.3	96.2	72.3	61.8
February 1993	92.8	63.0	58.1	97.2	72.5	67.4	96.8	69.7	59.5
March 1992	86.7	57.8	53.2	90.0	68.3	59.4	89.6	65.0	54.1
Alaska									
March 1993	W	77.3	62.8	97.8	90.3	80.3	94.0	86.7	66.4
February 1993	W	87.0	60.1	99.3	88.4	78.5	95.1	88.1	64.2
March 1992	W	84.0	57.9	95.7	82.4	69.7	92.8	82.7	61.0
Oregon									
March 1993	W	61.4	61.4	89.8	76.6	66.1	90.7	72.1	61.9
February 1993	W	59.7	59.1	89.0	75.3	64.8	89.9	70.4	59.7
March 1992	W	53.5	52.8	82.1	67.8	58.7	82.8	63.7	53.5
Washington									
March 1993	W	61.5	59.8	100.1	72.9	68.4	99.7	69.6	61.1
February 1993	W	61.9	58.3	101.7	72.5	66.4	101.4	70.0	59.4
March 1992	W	56.1	52.7	92.9	67.8	59.9	92.3	65.4	53.6

^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."

**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							
March 1993	95.4	65.3	67.8	72.3	71.7	76.1	60.1
February 1993	94.6	63.5	65.7	70.2	69.9	75.7	58.1
March 1992	93.0	60.0	62.6	67.0	67.3	70.9	54.5
PAD District I Average							
March 1993	96.5	68.5	68.1	72.3	68.5	82.7	60.3
February 1993	95.9	67.5	66.7	70.8	67.3	82.8	58.7
March 1992	94.4	63.7	63.4	68.3	64.9	78.8	54.6
Subdistrict IA Average							
March 1993	93.5	73.1	70.2	82.9	73.4	87.3	61.5
February 1993	92.7	72.1	69.4	82.7	74.0	86.9	59.8
March 1992	90.9	69.0	66.8	78.4	64.2	83.7	54.6
Connecticut							
March 1993	96.7	73.6	67.2	86.8	70.8	91.4	60.8
February 1993	96.2	72.5	66.0	86.8	70.9	90.8	59.3
March 1992	94.0	69.1	NA	79.5	56.7	86.2	54.1
Maine							
March 1993	86.5	72.3	71.9	80.3	74.4	81.1	62.2
February 1993	85.4	71.5	72.4	80.3	74.5	80.5	61.5
March 1992	86.4	69.2	69.3	78.2	71.4	80.4	56.1
Massachusetts							
March 1993	94.8	72.6	70.8	80.7	69.8	86.8	61.7
February 1993	94.4	71.6	69.2	80.6	72.7	86.6	59.7
March 1992	91.5	68.3	63.3	76.2	60.6	83.0	53.5
New Hampshire							
March 1993	86.6	73.8	65.1	77.9	88.7	84.0	62.2
February 1993	87.0	71.8	64.1	77.0	83.4	84.4	59.4
March 1992	83.4	68.7	63.0	76.3	75.9	80.1	59.3
Rhode Island							
March 1993	92.4	75.8	71.1	76.8	64.4	88.7	60.8
February 1993	91.8	76.1	69.6	77.9	61.3	88.6	59.5
March 1992	90.9	73.9	63.5	75.9	62.9	86.8	54.5
Vermont							
March 1993	93.7	75.1	72.4	80.4	79.6	87.1	64.2
February 1993	93.3	74.0	72.1	80.3	78.0	86.7	61.8
March 1992	92.2	72.4	71.2	82.2	77.5	85.0	57.9
Subdistrict IB Average							
March 1993	98.7	70.9	70.4	75.2	68.5	87.6	60.1
February 1993	98.2	70.0	68.4	74.8	67.0	87.7	58.6
March 1992	96.8	65.9	64.1	71.3	65.0	83.9	54.7
Delaware							
March 1993	92.4	66.4	66.7	72.8	65.7	82.5	60.1
February 1993	90.8	65.2	65.7	72.0	63.3	82.1	57.7
March 1992	92.4	60.1	62.0	67.7	60.8	78.5	53.6
District of Columbia							
March 1993	108.5	67.1	W	W	63.6	75.7	59.1
February 1993	106.8	67.0	W	W	63.3	78.5	57.8
March 1992	105.3	65.9	-	W	W	78.7	54.1
Maryland							
March 1993	101.6	68.0	68.0	75.5	67.2	83.2	60.8
February 1993	101.3	67.5	66.7	74.4	64.9	83.5	59.1
March 1992	100.2	63.0	64.7	72.5	65.3	78.9	55.8
New Jersey							
March 1993	96.3	68.6	65.9	75.5	W	84.5	59.0
February 1993	96.7	67.6	64.0	74.9	W	85.8	57.9
March 1992	93.1	62.9	59.0	65.5	W	80.5	53.4
New York							
March 1993	104.2	76.2	77.1	78.3	70.9	95.8	60.7
February 1993	104.2	74.6	74.3	78.5	68.9	95.5	59.1
March 1992	102.0	71.2	70.5	77.8	NA	92.5	55.9

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	
Pennsylvania							
March 1993	90.0	68.4	70.0	74.0	69.9	80.8	60.9
February 1993	89.1	67.5	68.1	73.4	68.9	80.6	58.9
March 1992	89.9	64.2	63.2	70.4	66.0	77.3	55.0
Subdistrict IC Average^d							
March 1993	95.5	63.4	66.1	69.9	68.2	72.2	59.8
February 1993	95.0	61.8	65.0	67.9	67.0	71.9	57.7
March 1992	94.2	58.3	61.7	65.9	64.9	67.3	54.5
Virginia							
March 1993	94.5	65.9	67.4	70.2	70.9	75.8	59.3
February 1993	93.5	64.2	67.4	68.5	69.3	75.5	57.4
March 1992	93.7	60.4	63.3	68.4	67.2	71.3	54.4
West Virginia							
March 1993	89.9	64.6	68.9	75.5	67.5	69.1	61.3
February 1993	88.6	62.7	67.8	74.7	67.2	68.3	59.2
March 1992	86.6	59.4	65.1	66.9	63.6	63.8	55.9
PAD District II Average^d							
March 1993	85.4	62.7	68.5	70.2	74.4	69.7	60.7
February 1993	84.0	60.4	66.5	68.0	73.1	68.4	57.9
March 1992	81.1	57.5	63.1	64.9	69.6	64.4	55.5
Illinois							
March 1993	90.0	65.7	73.9	71.5	73.4	71.0	59.7
February 1993	88.2	63.0	72.5	69.6	72.9	69.5	56.8
March 1992	88.1	58.8	67.2	64.3	69.8	64.8	54.9
Indiana							
March 1993	82.9	61.5	65.7	68.1	80.5	68.0	60.0
February 1993	82.3	59.9	63.7	64.7	78.3	66.7	56.8
March 1992	79.7	56.5	61.4	63.0	76.0	62.7	55.1
Michigan							
March 1993	90.2	63.8	71.7	72.7	76.1	74.9	61.7
February 1993	87.6	61.4	69.5	71.1	77.5	74.3	58.9
March 1992	86.6	60.1	65.5	67.3	72.7	71.1	56.3
Minnesota							
March 1993	84.0	65.2	68.3	73.0	77.5	75.0	62.8
February 1993	83.0	63.6	66.6	69.8	76.0	74.9	60.4
March 1992	78.9	60.4	65.6	68.3	71.7	69.8	57.1
Ohio							
March 1993	86.5	64.1	69.1	70.6	74.3	70.2	62.3
February 1993	85.5	61.8	66.4	68.3	71.1	68.8	59.1
March 1992	82.5	58.0	63.8	65.5	68.7	64.3	56.1
Wisconsin							
March 1993	84.0	65.2	67.0	72.0	77.7	74.2	61.0
February 1993	83.3	62.2	64.9	70.7	75.5	73.1	57.6
March 1992	79.3	60.2	60.6	65.9	71.1	68.3	55.4
PAD District III Average							
March 1993	NA	59.5	63.7	71.6	71.1	65.0	57.2
February 1993	71.2	57.3	61.3	69.1	69.5	62.6	55.3
March 1992	68.4	55.2	59.0	65.3	66.4	59.7	52.2
PAD District IV Average^d							
March 1993	86.9	67.0	70.9	77.6	76.2	72.6	65.0
February 1993	83.7	62.9	68.5	75.0	73.3	69.4	60.8
March 1992	80.9	63.1	65.0	71.6	72.3	67.5	60.7
Idaho							
March 1993	87.8	69.8	74.2	79.7	79.2	77.4	68.1
February 1993	84.2	68.9	73.7	77.8	76.4	76.1	65.5
March 1992	82.2	62.5	67.8	73.7	73.8	71.3	62.9

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							
March 1993	96.2	67.8	72.6	78.9	72.8	74.0	61.8
February 1993	96.8	65.0	70.3	76.5	70.1	72.1	59.5
March 1992	89.6	60.4	65.2	71.6	66.9	66.3	54.1
Alaska							
March 1993	94.0	87.3	86.6	85.8	83.3	88.2	66.4
February 1993	95.1	89.1	83.8	91.7	82.9	90.0	64.2
March 1992	92.8	83.9	80.5	80.6	80.5	84.8	61.0
Oregon							
March 1993	90.7	66.7	74.7	78.1	77.7	74.2	61.9
February 1993	89.9	64.9	74.3	77.2	75.9	73.6	59.7
March 1992	82.8	58.3	67.7	71.7	68.3	65.2	53.5
Washington							
March 1993	99.7	64.7	70.9	79.3	72.6	77.6	61.1
February 1993	101.4	66.4	69.8	77.7	72.2	80.1	59.4
March 1992	91.3	60.6	64.7	71.9	70.5	69.6	53.6

^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.

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 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						
March 1993	95.4	72.0	68.2	67.8	88.9	59.6
February 1993	94.6	70.8	66.9	67.0	88.5	57.8
March 1992	93.0	67.6	62.9	63.3	85.8	54.1
PAD District I Average						
March 1993	96.5	73.8	68.1	66.9	90.6	60.1
February 1993	95.9	72.3	66.9	65.7	90.0	58.6
March 1992	94.4	69.7	63.0	62.4	87.8	54.4
Subdistrict IA Average						
March 1993	93.5	74.4	71.1	71.2	89.3	61.2
February 1993	92.7	73.4	70.4	71.8	88.6	59.6
March 1992	90.9	70.6	65.6	60.3	86.1	54.4
Connecticut						
March 1993	96.7	75.4	69.1	65.6	93.7	60.5
February 1993	96.2	74.3	68.0	65.8	92.8	59.1
March 1992	94.0	71.6	64.1	54.3	89.9	53.9
Maine						
March 1993	86.5	73.2	72.1	W	82.5	62.1
February 1993	85.4	72.5	72.6	W	81.7	61.4
March 1992	86.4	72.7	69.4	69.8	82.7	55.9
Massachusetts						
March 1993	94.8	73.8	72.6	70.0	88.8	61.5
February 1993	94.4	72.7	70.0	73.8	88.3	59.6
March 1992	91.5	69.2	65.1	59.5	84.9	53.3
New Hampshire						
March 1993	86.6	74.0	65.1	W	85.0	61.6
February 1993	87.0	72.2	63.9	W	85.4	58.6
March 1992	83.4	69.7	62.8	58.3	81.3	59.2
Rhode Island						
March 1993	92.4	79.2	69.8	W	90.6	60.6
February 1993	91.8	78.1	69.2	W	90.0	59.5
March 1992	90.9	79.4	61.3	56.0	88.8	54.4
Vermont						
March 1993	93.7	79.1	74.1	78.1	90.8	63.1
February 1993	93.3	77.7	NA	75.2	90.1	61.0
March 1992	92.2	75.1	70.9	75.3	88.4	56.8
Subdistrict IB Average						
March 1993	98.7	76.3	68.5	67.5	93.1	59.9
February 1993	98.2	75.0	66.9	66.5	92.7	58.5
March 1992	96.8	71.9	62.9	63.4	90.3	54.5
Delaware						
March 1993	92.4	70.4	64.9	62.2	87.7	60.0
February 1993	90.8	69.4	64.1	60.4	86.5	57.5
March 1992	92.4	64.8	64.2	55.5	87.5	53.5
District of Columbia						
March 1993	108.5	67.3	W	W	76.5	58.9
February 1993	106.8	67.2	W	W	80.1	57.5
March 1992	105.3	70.8	-	-	85.8	NA
Maryland						
March 1993	101.6	72.2	68.7	64.1	89.2	60.4
February 1993	101.3	72.3	68.1	62.6	89.5	58.7
March 1992	100.2	66.7	63.8	58.5	85.3	55.3
New Jersey						
March 1993	96.3	74.7	65.5	W	90.5	58.8
February 1993	96.7	73.5	63.7	W	91.5	57.8
March 1992	93.1	67.5	59.3	W	87.5	53.3
New York						
March 1993	104.2	79.3	69.0	73.6	99.3	60.5
February 1993	104.2	77.3	67.1	70.3	98.5	59.0
March 1992	102.0	74.9	64.8	NA	95.6	55.8

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						
March 1993	90.0	75.9	69.3	71.0	86.7	60.7
February 1993	89.1	73.8	67.4	70.9	85.8	58.8
March 1992	89.9	72.0	62.7	67.5	85.1	54.8
Subdistrict IC Average^b						
March 1993	95.5	66.3	65.6	65.0	84.3	59.2
February 1993	95.0	63.5	64.9	63.0	84.2	57.2
March 1992	94.2	61.7	61.4	61.4	81.7	53.9
Virginia						
March 1993	94.5	70.4	69.3	66.5	84.9	59.1
February 1993	93.5	68.6	69.2	61.6	84.5	57.2
March 1992	93.7	67.4	65.3	59.2	83.2	53.9
West Virginia						
March 1993	89.9	70.1	69.4	61.8	76.8	60.2
February 1993	88.6	69.6	66.6	59.7	76.1	57.7
March 1992	86.6	62.8	64.6	57.2	72.9	54.5
PAD District II Average^b						
March 1993	85.4	62.7	68.7	70.7	77.6	60.0
February 1993	84.0	60.7	67.4	71.3	77.7	57.2
March 1992	81.1	57.9	63.8	65.2	72.9	54.7
Illinois						
March 1993	90.0	63.9	75.5	71.4	77.0	59.1
February 1993	88.2	60.6	74.4	72.7	76.4	56.1
March 1992	88.1	58.0	70.5	64.3	70.9	54.9
Indiana						
March 1993	82.9	62.0	66.3	79.4	74.0	59.1
February 1993	82.3	60.3	64.7	80.4	75.1	56.0
March 1992	79.7	56.4	62.6	70.8	69.5	53.2
Michigan						
March 1993	90.2	62.0	73.3	73.5	83.2	61.1
February 1993	87.6	61.5	75.4	74.0	82.7	58.1
March 1992	86.6	57.3	69.8	73.5	80.6	55.4
Minnesota						
March 1993	84.0	65.8	66.8	77.2	81.2	62.2
February 1993	83.0	60.0	67.3	75.8	80.2	59.3
March 1992	78.9	59.5	61.9	66.2	76.3	56.3
Ohio						
March 1993	86.5	63.4	67.8	67.2	76.4	61.6
February 1993	85.5	61.5	65.9	63.3	77.0	58.2
March 1992	82.5	59.2	65.1	58.1	71.8	55.3
Wisconsin						
March 1993	84.0	65.4	72.0	76.2	81.0	60.5
February 1993	83.3	63.5	70.3	72.4	80.3	57.1
March 1992	79.3	62.7	66.5	66.4	75.7	54.8
PAD District III Average						
March 1993	NA	57.0	60.0	55.9	58.1	55.6
February 1993	71.2	56.9	58.2	54.3	57.1	53.6
March 1992	68.4	53.8	53.1	54.5	54.3	50.7
PAD District IV Average^b						
March 1993	86.9	64.7	70.7	85.7	77.6	63.4
February 1993	83.7	66.5	68.6	81.9	80.6	59.2
March 1992	80.9	61.6	62.1	69.8	72.9	59.3
Idaho						
March 1993	87.8	W	NA	W	87.1	66.8
February 1993	84.2	W	NA	W	83.5	63.7
March 1992	82.2	69.4	-	W	81.0	61.4

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						
March 1993	96.2	84.0	72.0	77.7	92.4	60.9
February 1993	96.8	83.0	69.8	80.2	93.3	60.1
March 1992	89.6	72.2	67.8	75.9	84.4	56.2
Alaska						
March 1993	94.0	90.0	W	W	92.6	61.1
February 1993	95.1	89.7	W	W	93.3	59.4
March 1992	92.8	85.1	W	82.5	89.6	59.4
Oregon						
March 1993	90.7	77.1	W	77.3	87.8	62.5
February 1993	89.9	76.9	W	W	87.7	61.3
March 1992	82.8	69.5	W	W	79.4	53.3
Washington						
March 1993	99.7	74.3	72.7	69.0	97.4	61.1
February 1993	101.4	74.2	72.4	76.8	99.4	61.3
March 1992	92.3	61.8	64.6	W	85.4	54.1

^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								
March 1993	54.5	53.5	42.6	39.0	31.6	27.5	35.6	32.9
February 1993	52.4	49.3	40.8	35.5	30.8	27.1	34.4	31.1
March 1992	51.8	46.5	34.8	31.2	24.4	21.4	27.9	24.5
PAD District I Average								
March 1993	54.3	54.5	41.6	41.6	34.8	30.9	38.4	39.4
February 1993	53.5	50.2	39.9	38.3	34.6	29.2	37.7	37.3
March 1992	52.5	47.0	34.0	34.6	25.9	23.8	29.5	30.9
Subdistrict IA Average								
March 1993	W	W	37.9	W	W	W	37.7	W
February 1993	W	W	37.4	35.8	W	W	37.3	35.8
March 1992	W	W	31.3	W	24.4	W	27.2	W
Subdistrict IB Average								
March 1993	W	56.0	43.7	43.5	34.7	30.1	41.0	40.5
February 1993	W	W	42.1	40.1	35.2	29.2	40.4	38.3
March 1992	W	48.3	W	35.0	25.4	23.5	31.6	31.6
Subdistrict IC Average								
March 1993	46.3	W	W	W	34.8	W	35.2	33.8
February 1993	46.2	-	W	W	34.3	W	34.5	W
March 1992	46.5	W	31.2	-	W	24.7	28.1	24.7
PAD District II Average								
March 1993	W	W	40.5	W	W	26.8	30.2	27.3
February 1993	W	W	42.2	W	W	25.8	29.2	26.4
March 1992	W	NA	36.8	W	18.9	19.0	22.6	19.6
PAD District III Average								
March 1993	W	-	-	35.8	28.5	26.9	28.5	30.0
February 1993	-	-	-	33.2	27.8	26.0	27.8	29.0
March 1992	W	W	-	27.3	21.4	19.8	21.4	21.7
PAD District IV Average								
March 1993	-	W	-	W	30.6	15.0	30.6	20.0
February 1993	-	W	W	W	W	13.1	25.8	23.9
March 1992	-	-	-	24.8	27.8	W	27.8	24.4
PAD District V Average								
March 1993	W	W	W	W	30.3	27.4	34.5	27.4
February 1993	W	W	46.6	W	30.0	29.3	33.4	28.8
March 1992	W	40.5	39.4	31.3	25.2	23.4	29.8	24.5

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.

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						
March 1993	42.1	40.3	32.9	29.5	36.7	34.2
February 1993	42.1	36.5	32.5	28.3	36.3	32.1
March 1992	35.6	33.5	25.1	22.2	29.2	26.4
PAD District I Average						
March 1993	42.3	42.7	35.7	33.2	39.1	39.4
February 1993	42.5	39.8	36.0	32.2	39.6	37.6
March 1992	35.8	36.7	26.2	24.1	30.7	33.6
Subdistrict IA Average^a						
March 1993	38.4	38.9	32.6	35.6	36.2	38.8
February 1993	40.1	36.3	33.5	29.9	37.8	35.1
March 1992	32.9	31.9	24.6	25.1	28.0	29.8
Connecticut						
March 1993	38.3	W	W	-	38.3	W
February 1993	37.4	W	W	-	37.4	W
March 1992	30.6	W	W	-	30.6	W
Maine						
March 1993	37.6	W	33.4	33.0	35.6	W
February 1993	41.7	43.5	34.2	W	35.9	W
March 1992	33.5	W	27.2	W	29.3	W
Massachusetts						
March 1993	38.6	38.7	32.7	36.8	36.5	38.6
February 1993	40.9	35.9	32.5	37.2	38.5	35.9
March 1992	36.0	W	23.8	27.1	27.2	31.0
New Hampshire						
March 1993	43.5	-	30.9	W	31.2	W
February 1993	39.3	-	34.7	W	35.1	W
March 1992	W	W	25.2	W	25.7	W
Rhode Island						
March 1993	40.6	38.2	W	-	40.6	38.2
February 1993	40.9	36.6	W	W	40.9	36.6
March 1992	34.1	32.8	W	-	34.1	32.8
Subdistrict IB Average^a						
March 1993	46.4	44.2	39.3	34.2	43.9	41.0
February 1993	45.1	41.5	40.4	33.7	43.7	40.0
March 1992	37.5	37.1	27.1	23.5	34.1	34.7
Delaware						
March 1993	38.5	W	33.7	-	37.3	W
February 1993	37.0	-	34.7	-	36.6	-
March 1992	33.6	NA	26.6	W	30.1	W
Maryland						
March 1993	W	40.6	W	W	38.6	W
February 1993	38.7	W	37.7	W	38.3	33.7
March 1992	31.5	W	24.1	W	27.6	W
New Jersey						
March 1993	45.4	43.4	35.9	29.9	42.5	38.5
February 1993	43.5	38.2	34.7	33.0	40.8	36.7
March 1992	W	39.5	24.4	23.6	29.9	34.8
New York						
March 1993	49.4	47.1	42.6	46.9	47.0	47.1
February 1993	46.8	46.1	43.7	41.5	45.9	46.0
March 1992	39.0	37.7	33.0	W	37.9	37.7
Pennsylvania						
March 1993	43.1	39.9	33.6	34.8	37.9	38.9
February 1993	43.8	36.8	34.5	W	39.6	36.2
March 1992	37.6	33.7	25.0	W	29.7	27.7
Subdistrict IC Average^a						
March 1993	33.1	W	34.6	31.3	34.2	31.6
February 1993	35.7	W	34.4	31.7	34.7	31.7
March 1992	32.6	-	27.1	25.1	27.9	25.1
Florida						
March 1993	32.2	W	34.2	NA	33.6	NA
February 1993	34.8	W	33.1	W	33.6	W
March 1992	31.2	-	26.6	W	27.4	W
Georgia						
March 1993	W	-	35.4	-	35.4	-
February 1993	-	-	36.8	-	36.8	-
March 1992	-	-	28.6	-	28.6	-

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						
March 1993	50.8	-	34.9	W	35.6	W
February 1993	W	-	36.2	W	36.8	W
March 1992	45.6	-	28.2	W	29.1	W
South Carolina						
March 1993	W	-	W	-	W	-
February 1993	W	-	W	-	W	-
March 1992	W	-	W	-	W	-
Virginia						
March 1993	47.8	W	34.1	W	34.6	W
February 1993	50.4	-	34.8	W	35.5	W
March 1992	40.5	-	27.7	27.3	28.7	27.3
PAD District II Average^a						
March 1993	40.3	37.1	31.9	27.1	34.6	28.0
February 1993	40.0	35.8	31.5	26.1	33.7	27.2
March 1992	34.2	31.8	23.5	19.2	27.6	20.5
Illinois						
March 1993	44.4	W	W	W	43.9	W
February 1993	46.5	W	W	W	46.7	W
March 1992	W	W	W	W	44.3	20.0
Indiana						
March 1993	34.9	W	W	W	36.5	W
February 1993	38.7	W	W	W	38.6	W
March 1992	31.3	-	25.9	22.5	28.9	22.5
Michigan						
March 1993	43.8	W	W	W	41.4	33.4
February 1993	44.1	W	32.9	W	39.2	33.7
March 1992	37.6	W	24.9	W	34.6	29.5
Minnesota						
March 1993	W	-	27.7	W	27.9	W
February 1993	W	W	26.7	W	26.9	W
March 1992	W	W	18.4	W	18.6	W
Ohio						
March 1993	W	W	33.4	W	34.5	W
February 1993	W	W	34.7	W	35.7	W
March 1992	30.1	W	22.2	W	24.9	W
PAD District III Average^a						
March 1993	W	35.8	28.7	28.2	29.0	30.5
February 1993	W	33.0	27.9	26.5	28.1	29.2
March 1992	26.1	27.3	21.7	21.4	22.2	22.6
Alabama						
March 1993	-	W	30.2	W	30.2	W
February 1993	-	W	31.9	W	31.9	W
March 1992	-	-	24.0	-	24.0	-
Louisiana						
March 1993	W	W	28.1	28.7	28.8	29.5
February 1993	W	W	27.7	26.6	28.1	29.9
March 1992	W	33.6	21.1	21.1	22.4	22.9
Mississippi						
March 1993	-	-	W	NA	W	NA
February 1993	-	-	W	-	W	-
March 1992	-	-	W	W	W	W
Texas						
March 1993	-	35.7	28.9	27.4	28.9	31.3
February 1993	-	31.3	27.6	26.3	27.6	28.6
March 1992	W	24.9	21.7	21.7	21.7	22.5
PAD District IV Average						
March 1993	W	32.2	30.5	15.0	34.4	20.2
February 1993	W	34.8	29.1	13.1	30.2	23.9
March 1992	-	24.8	27.0	21.4	27.0	24.3
PAD District V Average^a						
March 1993	47.0	28.0	30.6	28.2	34.1	28.2
February 1993	46.4	W	30.7	29.8	33.6	29.3
March 1992	39.1	30.5	25.9	23.6	29.3	24.8

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						
March 1993	W	28.0	31.3	30.2	31.3	29.6
February 1993	W	W	31.6	30.3	31.6	29.4
March 1992	28.5	30.5	23.2	23.7	23.5	25.5
Hawaii						
March 1993	W	-	33.1	W	43.9	W
February 1993	W	-	26.3	W	39.3	W
March 1992	W	-	27.6	W	W	W
Oregon						
March 1993	W	-	31.3	37.4	31.4	37.4
February 1993	W	-	35.5	37.5	35.6	37.5
March 1992	W	-	26.8	W	26.9	W
Washington						
March 1993	-	-	29.1	W	29.1	W
February 1993	-	-	30.2	31.5	30.2	31.5
March 1992	W	-	26.8	24.4	26.8	24.4

▪ 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									
March 1993	1,244,010	56,221	6,351,090	465,906	19,882	1,789,442	1,709,916	76,103	8,140,532
February 1993	1,118,581	48,715	5,751,079	421,298	16,249	1,536,506	1,539,870	64,964	7,287,585
March 1992	1,262,263	63,113	6,202,275	456,565	22,994	1,843,968	1,718,828	86,107	8,046,243
PAD District I Total									
March 1993	370,871	16,885	2,473,938	70,946	10,799	289,385	441,817	27,684	2,763,323
February 1993	342,109	14,788	2,248,961	67,010	9,097	248,434	409,119	23,885	2,497,395
March 1992	373,446	21,391	2,373,585	75,154	12,353	302,820	448,600	33,744	2,676,405
Subdistrict IA Total									
March 1993	18,126	W	318,792	-	W	20,330	18,126	3,371	339,122
February 1993	16,450	W	278,304	-	W	19,021	16,450	2,608	297,325
March 1992	18,838	NA	W	-	W	W	18,838	4,814	309,861
Connecticut									
March 1993	W	W	W	-	W	W	W	695	94,410
February 1993	W	490	83,460	-	W	1,300	W	W	84,760
March 1992	W	NA	W	-	W	W	W	W	91,114
Maine									
March 1993	-	W	W	-	W	W	-	156	36,094
February 1993	-	W	W	-	W	W	-	92	42,158
March 1992	-	W	W	-	W	W	-	NA	34,460
Massachusetts									
March 1993	9,614	W	143,545	-	W	9,324	9,614	2,070	152,869
February 1993	8,748	W	W	-	W	W	8,748	1,633	121,724
March 1992	10,284	NA	W	-	W	W	10,284	2,222	126,920
New Hampshire									
March 1993	2,690	94	W	-	W	W	2,690	W	16,650
February 1993	2,465	W	W	-	W	W	2,465	193	15,983
March 1992	2,492	W	W	-	W	W	2,492	691	16,599
Rhode Island									
March 1993	W	W	W	-	W	W	W	176	34,364
February 1993	W	W	W	-	W	W	W	135	28,388
March 1992	W	W	W	-	W	W	W	NA	35,503
Vermont									
March 1993	-	W	W	-	W	W	-	W	4,735
February 1993	-	-	W	-	W	W	-	W	4,312
March 1992	-	W	W	-	-	W	-	W	5,264
Subdistrict IB Total									
March 1993	118,496	W	1,027,664	27,260	W	120,278	145,756	10,918	1,147,942
February 1993	110,543	W	954,331	25,402	W	98,424	135,945	9,786	1,052,755
March 1992	128,811	W	W	28,016	W	W	156,827	11,434	1,111,959
Delaware									
March 1993	W	W	W	-	-	W	W	W	25,632
February 1993	W	291	W	-	-	W	W	291	22,356
March 1992	W	NA	W	-	-	W	W	NA	27,132
District of Columbia									
March 1993	-	W	W	-	-	W	-	W	12,444
February 1993	-	W	11,423	-	-	-	-	W	11,423
March 1992	-	W	12,644	-	-	-	-	W	12,644
Maryland									
March 1993	-	W	140,144	-	W	22,963	-	1,231	163,107
February 1993	-	879	W	-	W	W	-	W	138,399
March 1992	-	1,577	132,414	W	W	18,636	W	W	151,050
New Jersey									
March 1993	W	W	275,282	W	W	37,024	31,185	2,791	312,306
February 1993	W	W	279,069	W	W	21,583	29,026	2,217	300,652
March 1992	W	W	266,707	W	W	43,392	28,505	1,737	310,099
New York									
March 1993	42,696	W	292,152	W	W	27,527	W	2,480	319,679
February 1993	39,823	W	273,735	W	W	21,127	W	2,153	294,862
March 1992	W	W	275,546	W	W	32,976	60,359	3,099	308,522
Pennsylvania									
March 1993	45,978	1,522	284,272	11,980	2,623	30,502	57,958	4,145	314,774
February 1993	42,936	1,439	247,025	11,141	2,755	38,038	54,077	4,194	285,063
March 1992	54,835	1,130	270,665	12,311	3,206	31,847	67,146	4,336	302,512

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									
March 1993	234,249	9,367	1,127,482	43,686	4,028	148,777	277,935	13,395	1,276,259
February 1993	215,116	8,205	1,016,326	41,608	3,286	130,989	256,724	11,491	1,147,315
March 1992	225,797	12,537	1,101,424	47,138	4,959	153,161	272,935	17,496	1,254,585
Florida									
March 1993	122,192	W	369,519	11,529	W	65,074	133,721	5,786	434,593
February 1993	110,554	W	324,647	10,781	W	55,990	121,335	5,063	380,637
March 1992	119,507	W	358,357	12,981	W	63,147	132,488	6,577	421,504
Georgia									
March 1993	43,149	W	207,538	5,207	W	27,996	48,356	2,720	235,534
February 1993	40,334	W	188,769	5,356	W	24,722	45,690	2,432	213,491
March 1992	41,460	1,191	204,843	5,705	-	28,843	47,165	1,191	233,686
North Carolina									
March 1993	W	W	231,517	W	W	17,481	24,808	1,377	248,998
February 1993	W	W	205,846	W	W	18,194	23,130	1,147	224,040
March 1992	W	4,616	220,016	W	-	23,298	20,802	4,616	243,314
South Carolina									
March 1993	W	683	104,384	W	-	11,178	28,171	683	115,562
February 1993	W	W	94,238	W	W	9,151	26,128	660	103,389
March 1992	W	1,203	99,292	W	-	13,456	23,650	1,203	112,748
Virginia									
March 1993	W	W	193,802	W	W	21,691	28,678	1,638	215,493
February 1993	W	W	182,851	W	W	18,294	27,035	1,133	201,145
March 1992	W	W	195,642	W	W	19,091	31,918	2,604	214,733
West Virginia									
March 1993	W	W	20,722	W	W	5,357	14,201	1,191	26,079
February 1993	W	W	19,975	W	W	4,638	13,406	1,056	24,613
March 1992	W	W	23,275	W	W	5,326	16,913	1,305	28,601
PAD District II Total									
March 1993	434,904	22,269	1,555,000	182,016	1,315	585,641	616,920	23,584	2,140,641
February 1993	400,365	18,757	1,421,205	166,304	1,314	491,947	566,669	20,071	1,913,152
March 1992	443,079	23,056	1,530,387	178,060	2,412	591,846	621,130	25,469	2,122,233
Illinois									
March 1993	W	1,338	241,626	W	-	49,186	78,790	1,338	290,812
February 1993	W	1,174	215,634	W	-	43,752	74,507	1,174	259,386
March 1992	W	W	230,930	W	W	63,050	77,112	1,089	293,980
Indiana									
March 1993	W	W	134,780	W	W	26,898	51,393	758	161,678
February 1993	W	W	121,561	W	W	25,622	45,537	632	147,183
March 1992	W	W	131,521	W	W	36,080	50,403	1,142	167,601
Iowa									
March 1993	2,390	W	54,445	7,869	-	37,584	10,259	W	92,029
February 1993	2,125	182	48,255	7,053	-	30,986	9,178	182	79,241
March 1992	2,845	1,101	52,477	8,968	-	39,638	11,813	1,101	92,115
Kansas									
March 1993	8,362	W	32,340	10,606	W	88,389	18,968	591	120,729
February 1993	7,383	W	28,653	9,274	W	65,587	16,657	560	94,240
March 1992	7,862	W	36,495	10,646	W	63,900	18,508	474	100,395
Kentucky									
March 1993	23,253	2,443	101,939	3,189	-	5,941	26,442	2,443	107,880
February 1993	20,771	1,834	93,733	2,961	-	5,290	23,732	1,834	99,023
March 1992	21,254	2,292	96,930	3,295	-	6,151	24,549	2,292	103,081
Michigan									
March 1993	W	W	222,618	W	W	39,790	91,095	5,004	262,408
February 1993	W	W	201,249	W	W	34,817	84,172	3,831	236,066
March 1992	W	W	209,024	W	W	36,866	90,819	3,836	245,890
Minnesota									
March 1993	32,160	W	70,625	10,131	W	45,995	42,291	660	116,620
February 1993	29,688	W	63,107	9,587	W	37,821	39,275	722	100,928
March 1992	28,597	W	65,251	10,664	W	43,202	39,261	723	108,453
Missouri									
March 1993	21,328	W	100,037	18,431	W	43,076	39,759	1,457	143,113
February 1993	19,025	W	87,947	15,387	W	36,305	34,412	1,214	124,252
March 1992	23,775	W	104,396	17,584	W	50,370	41,359	956	154,766

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									
March 1993	W	W	26,735	W	W	26,104	6,106	277	52,839
February 1993	W	W	22,297	W	W	22,765	5,541	W	45,062
March 1992	W	362	24,850	W	-	24,765	7,238	362	49,615
North Dakota									
March 1993	W	W	13,088	W	-	13,632	531	W	26,720
February 1993	W	50	11,034	W	-	11,017	535	50	22,051
March 1992	W	W	11,621	W	-	10,987	549	W	22,608
Ohio									
March 1993	W	W	204,761	W	W	14,872	160,529	7,988	219,633
February 1993	W	W	192,122	W	W	10,536	148,010	6,974	202,658
March 1992	W	NA	191,646	W	W	11,860	166,214	NA	203,506
Oklahoma									
March 1993	16,035	W	74,439	7,464	W	102,135	23,499	1,500	176,574
February 1993	15,145	W	68,578	6,691	W	87,260	21,836	1,522	155,838
March 1992	18,275	W	99,493	7,776	W	110,198	26,051	3,500	209,691
South Dakota									
March 1993	W	W	16,087	W	W	15,571	651	52	31,658
February 1993	W	W	13,091	W	W	12,912	576	W	26,003
March 1992	W	W	13,630	W	W	14,972	639	31	28,602
Tennessee									
March 1993	27,055	W	179,263	14,824	W	30,568	41,879	952	209,831
February 1993	25,258	679	162,459	13,772	164	29,789	39,030	843	192,248
March 1992	23,863	W	168,564	15,900	W	40,169	39,763	1,314	208,733
Wisconsin									
March 1993	W	W	82,217	W	W	45,900	24,728	290	128,117
February 1993	W	W	91,485	W	W	37,488	23,671	258	128,973
March 1992	W	W	93,560	W	W	39,638	26,862	351	133,198
PAD District III Total									
March 1993	156,419	5,940	974,600	104,760	4,287	597,077	261,179	10,227	1,571,677
February 1993	143,297	5,156	878,199	87,848	2,736	520,578	231,145	7,892	1,398,777
March 1992	170,869	5,167	951,486	97,384	1,728	598,596	268,253	6,895	1,550,083
Alabama									
March 1993	10,478	W	120,052	3,240	W	29,001	13,718	1,136	149,053
February 1993	9,718	W	108,180	3,104	W	28,597	12,822	899	136,777
March 1992	8,414	W	120,094	3,226	W	31,242	11,640	994	151,336
Arkansas									
March 1993	W	W	65,217	W	W	53,744	10,249	178	118,961
February 1993	W	W	56,760	W	W	42,315	8,994	159	99,075
March 1992	W	W	59,529	W	W	38,173	12,202	242	97,702
Louisiana									
March 1993	19,406	1,148	148,377	4,619	71	54,085	24,025	1,219	202,462
February 1993	18,295	983	138,492	3,823	81	52,952	22,118	1,064	191,444
March 1992	22,145	765	125,374	4,709	61	52,409	26,854	826	177,783
Mississippi									
March 1993	W	312	103,676	W	155	32,446	3,918	467	136,122
February 1993	W	235	83,493	W	187	33,922	3,604	422	117,415
March 1992	W	336	97,466	W	126	43,498	4,829	462	140,964
New Mexico									
March 1993	3,037	433	33,235	6,857	130	24,634	9,894	563	57,869
February 1993	2,814	420	28,476	6,206	84	20,268	9,020	504	48,744
March 1992	3,030	W	29,924	6,622	W	25,657	9,652	298	55,581
Texas									
March 1993	118,810	W	504,043	80,565	W	403,167	199,375	6,664	907,210
February 1993	108,285	W	462,798	66,302	W	342,524	174,587	4,844	805,322
March 1992	131,293	2,716	519,099	71,783	1,357	407,617	203,076	4,073	926,716
PAD District IV Total									
March 1993	37,419	745	136,944	29,716	707	94,833	67,135	1,452	231,777
February 1993	34,565	709	121,083	25,244	665	74,785	59,809	1,374	195,868
March 1992	39,164	526	125,581	27,002	992	95,461	66,166	1,518	221,042

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									
March 1993	25,835	W	47,845	27,068	W	37,107	52,903	W	84,952
February 1993	24,308	W	43,280	22,867	W	25,000	47,175	W	68,280
March 1992	26,091	W	44,543	24,224	W	36,002	50,315	427	80,545
Idaho									
March 1993	-	W	24,840	W	-	14,034	W	W	38,874
February 1993	-	W	20,087	W	-	12,955	W	W	33,042
March 1992	W	W	22,414	W	-	14,835	493	W	37,249
Montana									
March 1993	-	W	20,430	W	W	13,426	W	190	33,856
February 1993	-	W	17,871	W	W	11,561	W	203	29,432
March 1992	W	W	18,058	W	W	13,643	W	211	31,701
Utah									
March 1993	W	W	34,537	W	W	19,607	11,823	703	54,144
February 1993	W	W	32,149	W	W	16,391	10,509	662	48,540
March 1992	W	W	33,957	W	W	20,869	10,958	562	54,826
Wyoming									
March 1993	W	W	9,292	W	W	10,659	1,744	171	19,951
February 1993	W	W	7,696	W	W	8,878	1,544	102	16,574
March 1992	W	W	6,609	1,174	W	10,112	W	W	16,721
PAD District V Total									
March 1993	244,397	10,382	1,210,608	78,468	2,774	222,506	322,865	13,156	1,433,114
February 1993	198,245	9,305	1,081,631	74,892	2,437	200,762	273,137	11,742	1,282,393
March 1992	235,705	12,973	1,221,235	70,965	5,509	255,245	314,670	18,482	1,476,480
Alaska									
March 1993	W	W	W	W	W	W	6,000	1,008	10,243
February 1993	W	W	W	W	W	W	5,069	827	8,931
March 1992	W	W	W	W	W	W	5,036	942	11,681
Arizona									
March 1993	W	W	84,569	W	W	10,418	38,813	1,051	94,987
February 1993	W	W	76,764	W	W	13,797	32,132	870	90,561
March 1992	W	W	78,270	W	W	13,551	38,379	2,043	91,821
California									
March 1993	148,057	6,449	817,672	58,212	273	162,472	206,269	6,722	980,144
February 1993	120,359	5,969	746,236	56,938	474	145,768	177,297	6,443	892,004
March 1992	142,717	9,121	841,451	58,451	1,592	198,399	201,168	10,713	1,039,850
Hawaii									
March, 1993	W	W	W	W	W	W	5,818	W	22,211
February 1993	W	W	W	W	W	W	5,299	W	19,125
March 1992	W	W	W	W	W	W	5,570	3,101	23,546
Nevada									
March 1993	W	419	48,288	W	W	11,297	4,849	W	59,585
February 1993	W	416	39,612	W	W	8,891	3,976	W	48,503
March 1992	W	W	42,462	W	W	9,258	4,923	478	51,720
Oregon									
March 1993	W	W	84,364	W	W	14,982	14,080	527	99,346
February 1993	W	W	70,895	W	W	13,200	11,670	214	84,035
March 1992	W	W	84,653	W	W	8,852	13,620	407	93,505
Washington									
March 1993	W	433	149,133	W	-	17,465	47,036	433	166,598
February 1993	W	363	125,061	W	-	14,113	37,694	363	139,174
March 1992	W	W	147,432	W	W	16,924	45,974	798	164,356

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.

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								
March 1993	19,197	95,501	1,152,066	5,641,453	278,164	842,265	336,592	1,561,313
February 1993	15,665	81,407	1,030,022	5,002,125	252,869	752,485	306,288	1,451,568
March 1992	25,021	123,431	1,163,036	5,502,389	275,745	833,826	341,133	1,586,597
PAD District I Total								
March 1993	W	W	280,635	1,666,281	W	W	104,049	711,337
February 1993	W	W	258,887	1,460,157	W	W	95,192	687,225
March 1992	W	W	289,177	1,579,567	W	W	106,569	706,583
Subdistrict IA Total								
March 1993	-	-	12,628	212,330	3,866	44,622	5,003	82,170
February 1993	-	-	10,984	180,338	3,554	40,588	4,520	76,399
March 1992	-	-	13,907	185,482	4,052	44,144	5,693	80,235
Connecticut								
March 1993	-	-	W	51,842	861	15,017	1,136	27,551
February 1993	-	-	1,991	43,818	W	13,886	1,003	27,056
March 1992	-	-	2,293	50,641	808	15,308	W	25,165
Maine								
March 1993	-	-	147	24,987	W	3,950	W	7,157
February 1993	-	-	92	31,857	-	3,665	-	6,636
March 1992	-	-	NA	24,117	W	4,061	W	6,282
Massachusetts								
March 1993	-	-	7,006	100,020	2,039	18,048	2,639	34,801
February 1993	-	-	6,114	74,381	1,863	16,140	2,404	31,203
March 1992	-	-	7,297	75,317	2,165	16,980	3,045	34,624
New Hampshire								
March 1993	-	-	1,824	10,622	W	2,724	644	3,304
February 1993	-	-	1,598	10,201	458	W	602	W
March 1992	-	-	1,976	10,678	533	2,561	674	3,360
Rhode Island								
March 1993	-	-	1,364	21,910	492	4,211	W	8,243
February 1993	-	-	1,189	17,427	W	3,734	511	7,227
March 1992	-	-	1,433	21,376	W	4,580	670	9,547
Vermont								
March 1993	-	-	W	2,949	-	672	-	1,114
February 1993	-	-	-	2,654	W	W	-	W
March 1992	-	-	W	3,353	-	654	-	1,257
Subdistrict IB Total								
March 1993	W	W	98,523	684,693	W	W	33,369	325,966
February 1993	W	W	91,309	595,006	W	W	30,838	332,523
March 1992	W	W	105,346	636,956	W	W	34,967	329,556
Delaware								
March 1993	-	-	621	15,581	217	5,098	W	4,953
February 1993	-	-	598	12,941	254	4,485	W	4,930
March 1992	-	-	608	14,862	W	5,185	W	7,084
District of Columbia								
March 1993	-	-	W	4,037	W	2,527	W	5,880
February 1993	-	-	W	3,748	-	2,367	W	5,308
March 1992	-	-	W	3,806	W	2,544	W	6,294
Maryland								
March 1993	-	-	971	87,953	122	29,463	138	45,691
February 1993	-	-	603	69,611	W	27,084	170	41,704
March 1992	-	-	W	76,887	266	30,590	351	43,573
New Jersey								
March 1993	-	-	19,218	189,097	5,285	28,988	9,473	94,221
February 1993	-	-	17,501	153,394	5,229	26,760	8,513	120,498
March 1992	-	-	16,585	176,777	5,164	33,515	8,493	99,808
New York								
March 1993	W	W	38,873	186,506	7,876	W	11,523	99,844
February 1993	W	W	35,991	174,973	7,385	W	10,871	90,367
March 1992	W	W	41,886	176,862	W	W	12,425	99,917
Pennsylvania								
March 1993	W	-	W	201,519	11,237	37,878	12,034	75,377
February 1993	W	W	W	180,339	10,558	W	11,110	69,716
March 1992	W	-	44,998	187,762	W	41,870	13,423	72,880
Subdistrict IC Total								
March 1993	W	-	169,484	769,258	W	203,500	65,677	303,201
February 1993	W	-	156,594	684,813	W	184,199	59,834	278,303
March 1992	W	W	169,924	757,129	W	W	65,909	296,793

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								
March 1993	-	-	74,584	243,799	27,488	71,613	37,435	119,181
February 1993	-	-	67,842	211,471	24,996	64,798	33,560	104,368
March 1992	-	-	74,213	235,874	26,926	70,291	37,926	115,339
Georgia								
March 1993	-	-	30,666	146,158	9,915	36,471	10,495	52,905
February 1993	-	-	28,944	132,884	9,286	33,131	9,892	47,476
March 1992	-	-	29,396	145,757	8,864	35,015	10,096	52,913
North Carolina								
March 1993	-	-	17,454	160,324	4,622	37,760	4,109	50,914
February 1993	-	-	16,187	143,113	4,290	32,400	3,800	48,527
March 1992	-	-	17,939	157,000	3,803	36,668	3,676	49,645
South Carolina								
March 1993	-	-	19,101	76,592	5,163	16,847	4,590	22,123
February 1993	-	-	17,742	68,950	4,823	15,158	4,223	19,281
March 1992	-	-	17,103	75,397	4,056	16,185	3,694	21,165
Virginia								
March 1993	-	-	17,498	125,338	6,146	36,958	6,672	53,197
February 1993	-	-	16,306	112,407	5,708	34,743	6,154	53,995
March 1992	-	W	19,266	124,244	7,604	W	7,651	52,267
West Virginia								
March 1993	W	-	10,181	17,047	W	4,151	2,376	4,881
February 1993	W	-	9,573	15,988	W	3,969	2,205	4,656
March 1992	W	W	12,007	18,856	W	W	2,866	5,463
PAD District II Total								
March 1993	W	W	431,890	1,655,689	W	W	111,333	306,353
February 1993	W	W	391,114	1,471,289	W	W	105,605	280,654
March 1992	W	W	449,907	1,630,401	W	W	97,301	308,829
Illinois								
March 1993	-	W	51,006	207,816	12,824	W	16,298	51,085
February 1993	-	W	46,301	185,892	11,940	W	17,440	45,430
March 1992	-	W	51,671	203,082	12,736	W	13,793	59,132
Indiana								
March 1993	W	W	33,150	118,792	W	W	11,450	25,346
February 1993	W	W	29,980	106,896	W	W	9,193	22,793
March 1992	W	W	35,695	123,964	W	W	7,935	23,061
Iowa								
March 1993	W	-	8,556	84,962	960	697	915	6,370
February 1993	W	-	7,547	72,497	W	733	890	6,011
March 1992	W	-	10,561	84,102	W	1,210	1,570	6,803
Kansas								
March 1993	-	W	15,650	108,990	1,606	W	2,303	9,605
February 1993	W	7	13,636	84,617	W	2,052	2,106	7,564
March 1992	60	1,414	14,735	86,519	1,659	2,526	2,528	9,936
Kentucky								
March 1993	W	W	18,840	71,471	W	W	5,294	20,957
February 1993	W	W	16,522	65,841	4,264	W	W	19,046
March 1992	W	16	17,883	66,920	W	16,927	4,715	19,218
Michigan								
March 1993	W	672	68,691	195,462	W	24,671	15,482	41,603
February 1993	W	537	56,616	174,963	W	23,031	20,944	37,535
March 1992	W	911	69,726	182,634	W	23,029	12,601	39,317
Minnesota								
March 1993	W	-	33,135	100,970	5,318	6,277	W	9,373
February 1993	W	-	30,538	86,477	5,145	5,785	W	8,666
March 1992	182	-	30,600	93,075	4,551	6,054	4,651	9,324
Missouri								
March 1993	-	-	26,999	111,481	5,672	9,231	8,545	22,401
February 1993	W	-	24,628	96,188	W	8,012	5,676	20,052
March 1992	W	W	28,718	118,612	W	W	7,089	24,194
Nebraska								
March 1993	W	W	5,409	49,943	470	W	W	2,690
February 1993	W	W	4,820	42,511	497	W	422	2,388
March 1992	W	W	5,026	46,306	1,599	W	W	2,388
North Dakota								
March 1993	W	W	485	24,190	39	W	62	1,196
February 1993	W	W	475	19,891	W	W	64	1,032
March 1992	W	W	449	19,813	47	W	70	1,102

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								
March 1993	W	W	107,315	161,953	30,673	W	W	34,730
February 1993	W	-	101,681	152,222	28,508	19,114	W	31,322
March 1992	W	0	118,349	152,835	NA	19,458	24,261	31,212
Oklahoma								
March 1993	-	56	17,554	156,596	3,641	3,052	3,804	16,870
February 1993	-	52	16,199	136,911	3,416	2,713	3,743	16,162
March 1992	28	1,815	20,578	185,284	4,009	2,878	4,935	19,714
South Dakota								
March 1993	-	W	674	29,281	W	W	W	1,783
February 1993	-	W	576	23,914	W	W	25	1,565
March 1992	-	W	642	26,270	W	W	W	1,475
Tennessee								
March 1993	-	-	25,235	128,898	8,894	34,275	8,702	46,658
February 1993	-	-	23,387	118,437	8,220	30,068	8,266	43,743
March 1992	-	W	24,636	131,835	7,857	W	8,583	45,515
Wisconsin								
March 1993	-	-	19,191	104,884	2,736	7,547	3,091	15,686
February 1993	-	W	18,208	104,032	2,653	W	3,068	17,345
March 1992	-	-	20,637	109,150	2,898	7,609	3,678	16,439
PAD District III Total								
March 1993	1,311	10,210	163,457	1,171,802	50,854	147,435	55,784	242,230
February 1993	1,137	9,898	143,625	1,042,354	44,661	127,481	49,614	219,044
March 1992	1,699	12,632	161,521	1,162,313	52,120	139,242	59,809	235,895
Alabama								
March 1993	-	-	8,834	97,386	2,938	20,505	3,082	31,162
February 1993	-	-	8,192	91,074	2,741	17,853	2,788	27,850
March 1992	-	-	7,623	101,207	2,428	19,572	2,583	30,557
Arkansas								
March 1993	-	W	7,202	87,759	1,901	W	1,324	20,246
February 1993	-	W	6,221	72,758	1,737	W	1,195	16,928
March 1992	-	W	8,352	70,347	2,385	W	1,707	16,849
Louisiana								
March 1993	-	-	13,774	145,768	5,307	22,474	6,163	34,220
February 1993	-	-	12,521	138,732	4,871	19,291	5,790	33,421
March 1992	-	-	15,023	117,764	5,544	21,206	7,113	36,813
Mississippi								
March 1993	-	-	2,851	97,473	800	12,523	734	26,126
February 1993	-	-	2,645	78,935	691	10,896	690	27,584
March 1992	-	-	3,574	108,429	W	11,209	W	21,326
New Mexico								
March 1993	W	6,522	7,872	44,594	W	1,528	1,087	5,225
February 1993	W	6,882	7,220	36,505	W	846	983	4,511
March 1992	1,103	8,415	7,298	41,489	W	639	W	5,038
Texas								
March 1993	W	W	122,924	698,822	W	W	43,394	125,251
February 1993	W	W	106,826	624,350	W	W	38,168	108,750
March 1992	596	W	119,651	723,078	40,515	W	46,387	123,312
PAD District IV Total								
March 1993	1,996	23,273	45,760	166,819	9,728	7,351	11,103	34,334
February 1993	1,800	20,140	40,469	139,616	8,794	5,677	10,120	30,435
March 1992	3,708	31,265	42,804	150,648	7,904	7,011	13,268	32,118
Colorado								
March 1993	W	W	36,484	64,357	7,830	W	7,552	11,641
February 1993	W	W	32,351	51,124	7,078	W	6,877	10,297
March 1992	W	6,261	32,654	55,749	W	5,545	9,486	12,990
Idaho								
March 1993	66	W	305	27,003	-	-	W	W
February 1993	W	W	276	23,130	-	-	28	W
March 1992	97	9,121	433	24,626	-	-	W	3,502
Montana								
March 1993	W	5,560	438	23,362	-	-	53	4,934
February 1993	W	5,035	421	20,133	-	-	58	4,264
March 1992	432	6,745	1,798	20,728	-	-	W	4,228

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								
March 1993	W	W	7,160	36,799	W	W	3,111	10,816
February 1993	W	W	6,300	33,001	W	W	2,835	9,906
March 1992	W	6,691	6,475	37,478	W	W	2,842	W
Wyoming								
March 1993	173	W	1,373	15,298	W	-	W	W
February 1993	W	W	1,121	12,228	W	-	322	W
March 1992	W	2,447	1,444	12,067	-	W	424	W
PAD District V Total								
March 1993	15,613	58,553	230,324	980,862	35,761	126,640	54,323	267,059
February 1993	12,465	48,663	195,927	888,709	30,731	110,811	45,757	234,210
March 1992	18,103	71,032	219,628	979,460	31,234	122,817	64,187	303,171
Alaska								
March 1993	W	458	5,901	8,700	-	-	W	1,085
February 1993	293	309	4,969	7,901	-	-	634	721
March 1992	470	825	4,658	9,499	-	-	850	1,357
Arizona								
March 1993	4,980	13,314	28,931	68,386	178	457	5,775	12,830
February 1993	3,960	13,446	23,925	65,349	156	328	4,961	11,438
March 1992	5,721	16,048	28,363	61,048	198	374	6,141	14,351
California								
March 1993	W	W	143,413	667,961	W	W	35,912	194,309
February 1993	W	W	124,308	615,553	W	W	30,458	171,942
March 1992	-	W	137,885	689,456	29,279	116,418	44,717	W
Hawaii								
March 1993	-	-	5,404	12,216	W	2,323	2,340	7,672
February 1993	-	-	4,798	10,482	961	1,994	W	6,649
March 1992	-	-	5,286	13,702	1,032	2,125	2,353	7,719
Nevada								
March 1993	-	109	3,928	44,574	727	5,347	W	9,555
February 1993	-	93	3,308	35,914	594	3,979	W	8,517
March 1992	W	639	3,899	38,056	W	3,872	747	9,153
Oregon								
March 1993	2,215	W	10,434	68,044	W	W	W	12,514
February 1993	W	14,364	8,529	59,688	W	-	1,508	10,043
March 1992	W	W	9,394	60,786	W	W	1,834	10,738
Washington								
March 1993	8,085	W	32,313	110,981	W	W	W	29,094
February 1993	6,397	W	26,090	93,822	W	W	W	24,900
March 1992	9,133	31,541	30,143	106,914	-	W	7,496	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. 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						
March 1993	5,956	17,526	1,263,679	265,787	136,480	938,818
February 1993	4,852	13,708	1,096,554	210,045	144,648	984,012
March 1992	6,106	20,685	1,194,760	237,107	105,937	760,306
PAD District I Total						
March 1993	2,541	2,925	371,080	36,538	W	169,587
February 1993	2,193	2,759	317,532	28,072	W	164,665
March 1992	2,679	3,641	356,932	25,059	W	114,872
Subdistrict IA Total						
March 1993	W	W	30,738	3,076	W	12,803
February 1993	W	W	27,512	2,882	W	11,041
March 1992	W	W	38,149	1,192	W	7,996
Connecticut						
March 1993	W	W	6,912	W	W	3,307
February 1993	W	W	5,815	208	W	2,967
March 1992	W	W	7,831	W	W	2,362
Maine						
March 1993	W	-	W	W	W	W
February 1993	W	-	W	W	W	W
March 1992	W	-	2,754	W	W	W
Massachusetts						
March 1993	W	W	19,032	2,626	W	5,211
February 1993	W	W	17,790	2,528	W	3,936
March 1992	W	W	24,905	833	W	2,829
New Hampshire						
March 1993	W	W	834	W	W	1,779
February 1993	W	W	599	W	W	1,719
March 1992	W	W	W	W	W	1,395
Rhode Island						
March 1993	W	W	1,458	W	-	W
February 1993	W	W	1,363	W	-	W
March 1992	W	W	1,575	W	-	W
Vermont						
March 1993	W	W	W	W	W	1,611
February 1993	W	W	W	W	W	1,471
March 1992	W	W	W	W	W	962
Subdistrict IB Total						
March 1993	W	W	182,673	21,651	W	48,243
February 1993	W	W	157,586	13,767	W	49,184
March 1992	W	W	167,301	15,899	W	46,375
Delaware						
March 1993	W	W	73	W	-	W
February 1993	W	W	65	W	-	W
March 1992	W	-	80	203	-	W
District of Columbia						
March 1993	W	-	-	-	-	-
February 1993	-	-	-	-	-	-
March 1992	-	-	-	-	-	-
Maryland						
March 1993	W	W	6,849	W	W	W
February 1993	W	W	6,144	W	W	W
March 1992	W	W	8,071	160	W	W
New Jersey						
March 1993	W	W	138,005	12,071	616	8,133
February 1993	W	W	114,512	6,779	458	8,318
March 1992	179	W	124,414	10,557	471	5,824
New York						
March 1993	W	99	8,526	3,631	W	10,806
February 1993	W	78	8,148	1,524	W	11,062
March 1992	W	106	10,527	1,444	W	9,241
Pennsylvania						
March 1993	W	62	29,220	5,618	W	22,303
February 1993	W	86	28,717	5,101	W	18,702
March 1992	W	W	24,209	3,535	W	19,958
Subdistrict IC Total						
March 1993	1,757	2,388	157,669	11,811	W	108,541
February 1993	1,523	2,281	132,434	11,423	W	104,440
March 1992	1,811	3,000	151,482	7,968	W	60,501

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						
March 1993	1,144	1,316	79,570	6,831	W	20,920
February 1993	997	1,279	62,520	6,741	W	18,606
March 1992	1,139	1,561	75,765	3,956	W	14,731
Georgia						
March 1993	138	435	36,076	1,665	W	20,452
February 1993	141	391	31,618	1,465	W	24,149
March 1992	182	496	35,615	2,085	W	11,761
North Carolina						
March 1993	129	W	9,367	883	W	31,225
February 1993	118	W	7,928	978	W	31,727
March 1992	128	480	6,959	714	W	17,310
South Carolina						
March 1993	W	370	W	W	W	19,728
February 1993	W	168	W	W	W	19,316
March 1992	W	239	1,805	W	854	9,660
Virginia						
March 1993	139	W	30,182	2,030	1,762	14,061
February 1993	W	W	28,326	1,885	1,672	9,131
March 1992	73	W	30,852	773	1,130	6,332
West Virginia						
March 1993	W	W	W	W	W	2,155
February 1993	W	W	W	W	W	1,511
March 1992	W	W	486	W	W	707
PAD District II Total						
March 1993	1,370	4,454	242,968	25,153	56,009	298,407
February 1993	995	3,293	225,394	21,185	60,307	354,767
March 1992	1,193	4,569	225,407	26,738	40,522	240,498
Illinois						
March 1993	W	W	38,339	2,946	8,568	36,874
February 1993	W	W	32,864	2,575	8,687	40,422
March 1992	W	W	32,580	4,052	5,299	30,239
Indiana						
March 1993	36	656	46,906	2,067	5,048	14,563
February 1993	34	565	47,120	1,801	5,338	19,027
March 1992	W	732	41,041	5,177	2,632	9,847
Iowa						
March 1993	W	220	W	686	W	11,430
February 1993	W	180	1,296	432	W	17,692
March 1992	W	249	1,353	968	W	7,963
Kansas						
March 1993	W	384	11,153	W	W	83,892
February 1993	W	197	9,630	368	W	99,338
March 1992	W	316	8,525	505	W	69,003
Kentucky						
March 1993	W	105	12,471	1,498	W	14,454
February 1993	W	W	13,363	2,546	458	13,961
March 1992	W	145	20,885	224	3,132	10,555
Michigan						
March 1993	W	W	27,575	1,431	15,821	11,209
February 1993	W	W	23,458	1,383	17,451	13,700
March 1992	W	W	26,908	2,565	13,072	9,997
Minnesota						
March 1993	W	434	26,654	2,713	W	13,835
February 1993	W	323	26,707	2,127	W	21,169
March 1992	W	414	11,499	2,811	W	17,239
Missouri						
March 1993	W	391	9,996	2,535	W	29,122
February 1993	W	229	7,562	1,988	W	33,843
March 1992	W	359	8,373	W	906	17,571
Nebraska						
March 1993	W	180	1,953	537	-	7,785
February 1993	W	124	1,515	451	W	10,231
March 1992	W	204	1,452	535	W	4,719
North Dakota						
March 1993	29	W	584	197	W	6,174
February 1993	28	W	585	W	W	9,237
March 1992	W	W	561	144	W	5,661

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						
March 1993	W	221	25,306	3,616	5,226	20,248
February 1993	W	218	25,274	3,139	5,208	22,957
March 1992	W	199	22,930	3,236	3,837	22,705
Oklahoma						
March 1993	W	409	20,985	4,014	269	20,141
February 1993	W	W	20,304	2,347	343	21,708
March 1992	54	502	35,887	2,965	100	14,723
South Dakota						
March 1993	W	179	W	W	W	3,579
February 1993	W	W	448	W	W	5,447
March 1992	W	138	158	W	W	3,424
Tennessee						
March 1993	174	394	15,221	1,439	W	6,579
February 1993	149	313	11,306	1,039	W	5,259
March 1992	W	301	10,074	1,010	W	2,914
Wisconsin						
March 1993	-	322	4,010	776	5,602	18,522
February 1993	W	300	3,962	673	5,906	20,776
March 1992	-	389	3,181	899	3,625	13,938
PAD District III Total						
March 1993	539	3,839	274,338	136,107	35,466	387,785
February 1993	518	3,295	224,433	89,286	39,577	389,558
March 1992	664	4,406	249,125	116,802	26,735	333,805
Alabama						
March 1993	114	287	3,432	565	2,425	18,751
February 1993	112	247	3,011	582	2,590	19,161
March 1992	151	223	3,042	536	1,408	10,147
Arkansas						
March 1993	W	W	449	907	W	9,652
February 1993	W	W	293	581	W	9,882
March 1992	W	W	1,360	734	NA	4,337
Louisiana						
March 1993	W	175	55,974	15,961	9,632	31,187
February 1993	W	109	43,992	14,648	8,071	23,295
March 1992	W	128	73,586	19,572	1,047	43,277
Mississippi						
March 1993	W	125	16,158	2,417	W	25,794
February 1993	83	W	11,697	6,540	W	24,177
March 1992	91	183	8,857	24,386	W	26,930
New Mexico						
March 1993	W	W	3,864	1,137	6,500	14,938
February 1993	W	W	3,678	1,104	6,659	17,056
March 1992	W	W	3,061	534	6,675	10,802
Texas						
March 1993	175	2,750	194,461	115,120	11,831	287,463
February 1993	166	2,418	161,762	65,831	16,863	295,987
March 1992	227	3,359	159,179	71,040	13,448	238,312
PAD District IV Total						
March 1993	197	991	41,911	3,817	W	27,937
February 1993	161	601	32,090	3,707	W	28,011
March 1992	307	1,117	35,975	4,240	W	24,131
Colorado						
March 1993	W	438	24,699	2,625	72	9,689
February 1993	W	277	17,797	2,407	64	10,334
March 1992	W	431	19,123	3,256	33	7,458
Idaho						
March 1993	W	W	1,073	145	W	118
February 1993	W	W	1,063	245	W	132
March 1992	W	73	1,007	211	W	W
Montana						
March 1993	W	W	1,947	W	W	5,570
February 1993	W	W	1,722	W	W	6,263
March 1992	W	W	1,254	W	W	5,389

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						
March 1993	W	383	13,968	766	W	3,051
February 1993	W	205	11,211	703	W	2,968
March 1992	26	440	14,425	587	NA	W
Wyoming						
March 1993	24	W	224	W	880	9,509
February 1993	11	W	297	W	817	8,314
March 1992	W	W	166	W	420	8,181
PAD District V Total						
March 1993	1,309	5,317	333,382	64,172	12,075	55,102
February 1993	985	3,760	297,105	67,795	11,950	47,011
March 1992	1,263	6,952	327,321	64,268	11,001	47,000
Alaska						
March 1993	W	W	31,314	787	W	W
February 1993	W	W	27,744	W	W	W
March 1992	W	W	35,041	3,706	W	W
Arizona						
March 1993	241	438	16,294	2,490	W	847
February 1993	W	270	12,824	2,835	W	879
March 1992	W	344	18,362	1,137	W	W
California						
March 1993	718	2,891	197,483	47,415	W	37,265
February 1993	532	2,194	172,247	49,460	W	32,311
March 1992	627	4,446	177,432	49,185	W	30,868
Hawaii						
March 1993	W	W	25,685	322	W	W
February 1993	W	W	28,935	W	W	W
March 1992	W	W	30,294	W	W	W
Nevada						
March 1993	W	W	13,271	3,675	W	1,551
February 1993	W	W	12,001	4,686	W	1,764
March 1992	W	W	14,714	1,177	W	637
Oregon						
March 1993	W	424	10,799	1,511	W	272
February 1993	W	321	9,060	1,061	W	294
March 1992	W	504	10,872	W	W	153
Washington						
March 1993	W	568	38,536	7,972	W	12,739
February 1993	W	W	34,294	2,665	W	10,088
March 1992	W	812	40,606	8,493	NA	11,514

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						
March 1993	7,303	102,696	18,233	75,187	759,405	3,316,306
February 1993	8,941	121,196	24,005	124,804	677,618	2,965,670
March 1992	6,217	82,452	13,897	50,199	782,374	3,129,346
PAD District I Total						
March 1993	5,115	67,862	2,668	13,785	254,285	1,238,154
February 1993	6,409	80,154	3,428	13,473	228,622	1,195,551
March 1992	4,083	48,176	2,081	7,805	248,671	1,138,197
Subdistrict IA Total						
March 1993	988	6,534	665	3,982	15,369	146,549
February 1993	W	6,319	669	2,942	14,306	162,510
March 1992	400	5,626	605	1,510	15,926	196,960
Connecticut						
March 1993	W	W	132	264	2,527	53,173
February 1993	W	2,133	129	454	2,061	46,795
March 1992	W	1,377	33	130	2,424	43,088
Maine						
March 1993	W	3,583	W	1,585	851	16,411
February 1993	W	1,863	W	W	817	15,967
March 1992	-	2,611	W	777	898	22,824
Massachusetts						
March 1993	W	991	W	W	9,627	49,545
February 1993	W	1,723	W	W	8,821	67,961
March 1992	W	894	NA	W	9,963	104,243
New Hampshire						
March 1993	W	116	W	W	490	4,615
February 1993	W	W	W	W	827	6,003
March 1992	W	W	W	W	970	6,821
Rhode Island						
March 1993	-	97	273	W	1,207	19,967
February 1993	-	W	W	W	1,041	22,167
March 1992	-	W	W	W	1,130	15,418
Vermont						
March 1993	-	W	-	W	667	2,838
February 1993	-	W	W	W	739	3,617
March 1992	-	600	W	W	541	4,566
Subdistrict IB Total						
March 1993	2,960	28,842	1,177	7,163	97,800	730,208
February 1993	3,202	31,638	1,783	6,988	89,427	689,965
March 1992	2,807	22,706	923	3,717	87,865	606,987
Delaware						
March 1993	-	W	W	W	W	20,956
February 1993	-	W	25	W	1,065	19,409
March 1992	-	W	W	W	1,005	W
District of Columbia						
March 1993	-	W	-	-	W	5,929
February 1993	-	W	-	-	347	2,821
March 1992	-	W	-	-	117	NA
Maryland						
March 1993	80	2,961	143	108	12,192	40,456
February 1993	48	3,348	286	101	10,991	43,118
March 1992	81	2,671	162	W	10,821	39,547
New Jersey						
March 1993	322	5,235	310	1,128	19,563	272,041
February 1993	361	5,015	463	900	16,445	252,780
March 1992	433	2,718	178	644	15,606	218,743
New York						
March 1993	2,022	7,846	W	3,108	25,720	199,019
February 1993	2,073	7,828	W	3,039	26,771	186,004
March 1992	1,849	6,681	231	1,848	22,257	145,537
Pennsylvania						
March 1993	536	12,712	658	2,725	37,089	191,807
February 1993	720	15,411	927	2,762	33,808	185,833
March 1992	445	10,590	340	1,111	38,057	180,188
Subdistrict IC Total						
March 1993	1,167	32,486	826	2,640	141,116	361,397
February 1993	W	42,197	976	3,543	124,889	343,076
March 1992	876	19,843	553	2,578	144,880	334,250

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						
March 1993	168	1,874	W	W	46,214	89,903
February 1993	184	2,641	W	W	37,912	78,745
March 1992	51	894	W	W	45,341	81,921
Georgia						
March 1993	264	2,303	W	W	30,625	57,953
February 1993	301	2,484	W	93	26,942	59,204
March 1992	145	957	W	W	27,043	62,186
North Carolina						
March 1993	217	14,359	109	573	21,429	76,438
February 1993	336	19,434	141	860	19,805	74,606
March 1992	191	8,476	180	615	23,506	68,297
South Carolina						
March 1993	222	5,442	W	-	12,146	30,572
February 1993	300	7,556	W	W	11,297	29,301
March 1992	158	3,459	W	W	14,653	27,573
Virginia						
March 1993	177	7,350	252	1,630	17,478	91,176
February 1993	212	8,455	306	2,143	18,414	87,373
March 1992	81	5,117	104	1,566	22,160	77,827
West Virginia						
March 1993	119	1,158	161	153	12,224	15,355
February 1993	W	1,627	244	261	10,519	13,847
March 1992	250	941	124	184	12,178	16,447
PAD District II Total						
March 1993	1,778	19,386	9,706	40,448	256,773	801,008
February 1993	2,148	25,044	13,992	74,259	221,236	686,176
March 1992	1,375	16,760	7,232	27,333	263,650	800,849
Illinois						
March 1993	170	1,385	W	4,316	19,927	85,979
February 1993	145	1,317	W	6,997	16,942	71,233
March 1992	W	W	W	1,798	23,324	96,301
Indiana						
March 1993	W	1,928	580	3,319	34,305	70,497
February 1993	235	2,260	1,129	5,416	28,921	66,340
March 1992	188	965	337	1,714	36,537	70,983
Iowa						
March 1993	-	61	W	2,440	10,245	37,891
February 1993	-	131	W	6,437	8,353	33,384
March 1992	-	68	93	1,238	7,651	46,584
Kansas						
March 1993	-	94	92	1,960	12,563	52,775
February 1993	-	101	381	5,278	10,987	37,388
March 1992	-	16	79	1,066	14,846	49,683
Kentucky						
March 1993	154	2,461	671	1,310	22,859	45,740
February 1993	183	3,555	867	1,785	19,059	41,112
March 1992	191	1,365	NA	750	24,523	40,555
Michigan						
March 1993	181	2,246	1,135	6,344	18,045	68,327
February 1993	226	3,162	1,475	7,569	15,346	62,487
March 1992	146	2,078	1,090	5,392	15,493	58,339
Minnesota						
March 1993	W	257	1,463	4,173	9,805	43,042
February 1993	W	310	2,001	9,736	7,359	35,631
March 1992	W	86	1,100	2,609	7,606	49,125
Missouri						
March 1993	-	310	442	1,077	10,895	48,127
February 1993	-	491	903	2,095	9,007	40,103
March 1992	-	41	W	370	11,753	51,883
Nebraska						
March 1993	-	W	W	1,657	W	24,470
February 1993	-	151	W	4,427	W	17,103
March 1992	-	W	W	797	8,250	33,390
North Dakota						
March 1993	W	W	128	1,004	W	18,861
February 1993	W	W	255	2,666	W	12,087
March 1992	W	W	W	554	W	14,857

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						
March 1993	910	6,912	436	2,145	56,849	88,081
February 1993	1,149	9,317	726	3,217	53,712	86,042
March 1992	690	5,337	203	1,662	57,882	75,119
Oklahoma						
March 1993	-	63	51	2,173	13,343	75,381
February 1993	-	75	159	2,511	11,299	52,466
March 1992	-	W	W	3,711	17,287	70,999
South Dakota						
March 1993	-	W	38	1,625	276	18,197
February 1993	-	W	74	3,537	222	13,362
March 1992	-	-	W	853	W	18,821
Tennessee						
March 1993	200	3,588	641	1,156	28,417	61,937
February 1993	193	4,094	810	1,400	24,612	59,299
March 1992	93	2,446	NA	635	26,496	65,965
Wisconsin						
March 1993	W	W	316	5,749	7,405	61,703
February 1993	W	47	747	11,188	5,817	58,139
March 1992	W	W	291	4,184	7,777	58,245
PAD District III Total						
March 1993	W	14,512	1,048	2,113	127,751	704,063
February 1993	W	12,743	1,059	3,302	119,223	589,558
March 1992	W	W	921	1,844	138,522	670,197
Alabama						
March 1993	W	1,264	35	W	14,497	41,902
February 1993	W	1,121	24	W	13,460	36,823
March 1992	W	374	W	248	15,064	40,504
Arkansas						
March 1993	W	126	W	W	10,240	38,060
February 1993	-	131	57	W	9,593	31,405
March 1992	W	132	NA	-	11,992	37,131
Louisiana						
March 1993	W	W	W	W	17,101	126,397
February 1993	W	W	W	W	18,471	110,038
March 1992	W	1,715	-	W	22,912	121,921
Mississippi						
March 1993	-	W	49	-	6,563	91,588
February 1993	-	W	51	W	5,943	71,815
March 1992	-	W	56	W	7,267	86,773
New Mexico						
March 1993	W	87	W	269	8,354	20,467
February 1993	W	180	W	1,003	8,722	18,310
March 1992	-	60	W	377	9,324	19,472
Texas						
March 1993	W	531	W	1,019	70,996	385,649
February 1993	W	1,896	W	1,511	63,034	321,167
March 1992	W	620	W	808	71,963	364,396
PAD District IV Total						
March 1993	-	138	1,624	9,319	27,481	100,750
February 1993	-	274	2,223	18,146	24,254	78,169
March 1992	-	W	1,065	5,150	28,250	96,922
Colorado						
March 1993	-	W	436	3,544	8,408	27,312
February 1993	-	W	549	5,106	6,891	19,269
March 1992	-	W	474	2,881	6,650	23,049
Idaho						
March 1993	-	W	W	1,026	W	17,269
February 1993	-	W	W	2,381	W	13,720
March 1992	-	-	W	298	W	16,039
Montana						
March 1993	-	-	W	1,490	W	16,657
February 1993	-	-	W	3,766	W	12,568
March 1992	-	-	W	651	W	17,947

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						
March 1993	-	W	528	1,415	6,866	21,395
February 1993	-	W	728	3,552	5,602	17,135
March 1992	-	W	154	418	8,189	21,803
Wyoming						
March 1993	-	W	504	1,844	6,949	18,117
February 1993	-	-	643	3,341	7,062	15,477
March 1992	-	-	361	902	7,018	18,084
PAD District V Total						
March 1993	W	798	3,187	9,522	93,114	472,331
February 1993	W	2,981	3,303	15,624	84,283	416,216
March 1992	W	1,874	2,597	8,067	103,281	423,181
Alaska						
March 1993	-	-	1,674	5,036	4,839	35,600
February 1993	-	-	1,586	7,479	3,230	27,889
March 1992	W	W	1,046	3,759	3,448	21,582
Arizona						
March 1993	W	W	W	119	8,490	26,091
February 1993	W	W	W	179	8,304	24,237
March 1992	W	W	40	63	11,236	21,859
California						
March 1993	-	527	W	1,061	41,659	253,601
February 1993	-	1,678	W	1,464	40,886	213,893
March 1992	-	W	W	2,352	52,825	221,864
Hawaii						
March 1993	-	-	W	W	10,140	5,722
February 1993	-	-	W	W	10,299	4,425
March 1992	-	-	W	W	9,478	6,201
Nevada						
March 1993	-	-	W	273	2,691	19,753
February 1993	-	-	W	486	1,956	15,364
March 1992	-	-	W	121	2,680	16,806
Oregon						
March 1993	W	W	61	1,292	13,828	49,340
February 1993	W	W	208	2,400	11,736	42,588
March 1992	-	W	34	633	13,950	46,727
Washington						
March 1993	-	W	147	1,727	11,468	82,224
February 1993	-	W	301	3,609	7,872	87,820
March 1992	-	W	25	825	9,664	88,142

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								
March 1993	25,459	24,864	217,332	192,715	385,266	216,978	602,598	409,693
February 1993	26,146	20,162	215,264	190,034	389,403	207,843	604,667	397,877
March 1992	26,198	20,179	260,218	179,800	507,744	378,497	767,962	558,299
PAD District I Total								
March 1993	20,631	20,468	176,496	118,647	154,573	30,984	331,069	149,631
February 1993	20,604	16,867	186,922	97,505	138,570	11,415	325,492	108,920
March 1992	22,372	18,679	218,589	85,698	267,447	44,092	486,036	129,790
Subdistrict IA Total								
March 1993	W	W	W	W	W	W	40,358	W
February 1993	W	W	W	W	W	W	50,421	W
March 1992	W	W	54,521	W	78,441	W	132,962	W
Subdistrict IB Total								
March 1993	W	16,690	118,131	77,622	51,004	22,409	169,135	100,031
February 1993	W	W	112,945	57,624	37,766	10,776	150,711	68,400
March 1992	W	14,018	W	W	W	W	230,839	108,836
Subdistrict IC Total								
March 1993	2,848	W	W	W	W	W	121,576	W
February 1993	2,247	-	W	W	W	W	124,360	W
March 1992	752	W	W	-	W	W	122,235	W
PAD District II Total								
March 1993	W	W	W	W	W	W	4,349	11,498
February 1993	W	W	W	W	W	W	5,206	13,762
March 1992	W	NA	1,249	W	4,793	W	6,042	14,975
PAD District III Total								
March 1993	W	-	-	64,192	105,170	118,436	105,170	182,628
February 1993	-	-	-	85,115	141,015	117,443	141,015	200,558
March 1992	W	W	-	69,891	150,414	200,191	150,414	270,082
PAD District IV Total								
March 1993	-	W	-	W	310	W	310	1,371
February 1993	-	W	W	W	W	W	416	3,155
March 1992	-	-	-	W	238	W	238	2,945
PAD District V Total								
March 1993	W	W	W	W	W	W	161,700	63,565
February 1993	W	W	27,739	W	104,799	W	132,538	71,482
March 1992	W	1,250	40,380	20,533	84,852	119,973	125,232	140,506

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.

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					
March 1993	115,322	6,599,318	1,185,916	1,931,521	9,832,077
February 1993	99,132	5,889,796	1,060,510	1,731,684	8,781,122
March 1992	151,628	6,753,354	1,144,630	1,962,609	10,012,222
PAD District I Total					
March 1993	183	2,091,226	515,645	855,291	3,462,345
February 1993	206	1,884,299	469,373	778,585	3,132,463
March 1992	452	2,027,271	508,094	861,651	3,397,468
Subdistrict IA Total					
March 1993	-	287,759	65,285	108,342	461,386
February 1993	-	266,738	59,837	99,736	426,311
March 1992	-	279,284	62,901	107,999	450,184
Connecticut					
March 1993	-	64,680	18,501	28,643	111,824
February 1993	-	60,598	17,014	26,346	103,958
March 1992	-	61,192	18,361	29,418	108,971
Maine					
March 1993	-	40,818	6,767	10,667	58,252
February 1993	-	38,444	6,220	9,754	54,418
March 1992	-	46,605	6,929	9,290	62,824
Massachusetts					
March 1993	-	119,153	26,756	46,846	192,755
February 1993	-	107,349	24,221	42,633	174,203
March 1992	-	107,262	24,710	47,033	179,005
New Hampshire					
March 1993	-	23,216	4,726	6,647	34,589
February 1993	-	21,796	4,434	6,406	32,636
March 1992	-	22,601	4,629	6,546	33,776
Rhode Island					
March 1993	-	27,485	6,226	11,671	45,382
February 1993	-	27,024	5,707	10,797	43,528
March 1992	-	30,160	6,149	11,978	48,287
Vermont					
March 1993	-	12,407	2,309	3,868	18,584
February 1993	-	11,527	2,241	3,800	17,568
March 1992	-	11,464	2,123	3,734	17,321
Subdistrict IB Total					
March 1993	110	811,517	179,894	364,788	1,356,309
February 1993	110	720,785	166,099	335,762	1,222,756
March 1992	NA	793,685	184,997	383,249	1,362,193
Delaware					
March 1993	-	20,262	6,539	7,202	34,003
February 1993	-	17,243	5,976	5,859	29,078
March 1992	-	18,018	6,247	8,049	32,314
District of Columbia					
March 1993	-	5,128	2,652	6,140	13,920
February 1993	-	4,172	2,494	5,513	12,179
March 1992	-	4,623	2,683	6,480	13,786
Maryland					
March 1993	-	94,995	30,734	43,089	168,818
February 1993	-	80,369	28,246	39,068	147,683
March 1992	-	86,259	32,998	46,407	165,664
New Jersey					
March 1993	-	182,327	37,542	99,722	319,591
February 1993	-	156,532	35,080	93,630	285,242
March 1992	NA	192,957	W	111,648	344,937
New York					
March 1993	W	263,004	W	123,770	434,829
February 1993	91	232,563	43,213	111,524	387,391
March 1992	101	238,890	44,363	120,128	403,482
Pennsylvania					
March 1993	W	245,801	W	84,865	385,148
February 1993	19	229,906	51,090	80,168	361,183
March 1992	W	252,938	W	90,537	402,010

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					
March 1993	73	991,950	270,466	382,161	1,644,650
February 1993	96	896,776	243,437	343,087	1,483,396
March 1992	191	954,302	260,196	370,403	1,585,091
Florida					
March 1993	-	322,111	101,292	157,284	580,687
February 1993	-	287,766	91,453	140,520	519,739
March 1992	-	311,242	97,092	153,468	561,802
Georgia					
March 1993	W	192,162	W	67,894	309,939
February 1993	W	173,746	W	61,042	279,006
March 1992	W	182,065	W	65,843	293,384
North Carolina					
March 1993	-	192,427	43,942	58,836	295,205
February 1993	-	173,869	37,784	51,109	262,762
March 1992	-	180,953	41,427	54,620	277,000
South Carolina					
March 1993	-	104,653	23,670	28,575	156,898
February 1993	-	93,638	21,235	25,106	139,979
March 1992	-	95,862	21,509	25,882	143,252
Virginia					
March 1993	-	151,253	44,491	61,889	257,633
February 1993	W	140,189	W	58,044	240,152
March 1992	W	151,146	W	61,779	259,924
West Virginia					
March 1993	W	29,344	W	7,683	44,288
February 1993	W	27,568	W	7,266	41,758
March 1992	W	33,034	W	8,811	49,729
PAD District II Total					
March 1993	3,845	2,089,283	283,396	428,831	2,805,355
February 1993	3,162	1,865,842	258,089	390,953	2,518,046
March 1992	9,603	2,093,502	279,516	405,054	2,787,675
Illinois					
March 1993	W	263,345	W	67,630	379,061
February 1993	W	237,669	W	62,819	343,544
March 1992	W	263,109	W	72,889	383,184
Indiana					
March 1993	W	154,638	W	38,147	218,455
February 1993	W	139,368	W	32,245	196,483
March 1992	W	160,141	W	30,445	219,452
Iowa					
March 1993	W	97,500	W	7,445	106,925
February 1993	W	84,098	W	7,132	93,177
March 1992	W	95,278	W	8,148	105,358
Kansas					
March 1993	W	108,127	W	12,282	124,765
February 1993	12	89,869	4,145	10,327	104,353
March 1992	1,434	95,226	4,149	11,764	112,573
Kentucky					
March 1993	W	101,848	W	30,075	154,300
February 1993	W	91,198	W	26,991	138,538
March 1992	78	97,734	24,206	28,089	150,107
Michigan					
March 1993	669	269,351	36,585	57,741	364,346
February 1993	534	236,252	33,524	59,121	329,431
March 1992	1,169	254,521	34,987	52,319	342,996
Minnesota					
March 1993	104	136,665	11,589	13,944	162,302
February 1993	W	119,037	W	13,054	143,095
March 1992	191	125,670	10,586	14,034	150,481
Missouri					
March 1993	W	153,940	W	33,540	207,116
February 1993	14	137,842	18,441	28,472	184,769
March 1992	210	154,902	22,251	32,200	209,563

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					
March 1993	254	55,214	463	3,212	59,143
February 1993	209	48,100	491	2,866	51,666
March 1992	421	51,120	2,210	3,256	57,007
North Dakota					
March 1993	W	24,352	W	1,258	26,994
February 1993	W	20,319	W	1,098	22,591
March 1992	W	20,051	W	1,165	22,968
Ohio					
March 1993	W	267,101	W	66,097	387,083
February 1993	W	252,087	W	56,785	356,842
March 1992	W	267,590	W	54,729	373,053
Oklahoma					
March 1993	93	135,082	7,212	21,788	164,175
February 1993	188	121,087	6,271	20,163	147,709
March 1992	1,859	192,652	6,828	23,597	224,936
South Dakota					
March 1993	W	29,934	W	1,803	32,337
February 1993	W	24,726	W	1,581	26,836
March 1992	W	26,898	W	1,517	29,276
Tennessee					
March 1993	-	149,490	40,754	51,402	241,646
February 1993	-	138,015	35,762	47,343	221,120
March 1992	W	152,046	W	49,691	238,198
Wisconsin					
March 1993	W	142,696	W	22,467	176,707
February 1993	W	126,175	W	20,956	157,892
March 1992	W	136,564	W	21,211	168,523
PAD District III Total					
March 1993	11,524	1,021,689	198,615	280,172	1,512,000
February 1993	10,941	892,296	172,443	246,584	1,322,264
March 1992	14,301	1,232,726	192,505	284,146	1,723,678
Alabama					
March 1993	-	107,310	23,873	34,884	166,067
February 1993	-	101,236	21,019	31,413	153,668
March 1992	W	113,019	W	34,585	171,024
Arkansas					
March 1993	W	90,247	W	21,585	125,229
February 1993	W	82,929	W	18,964	113,434
March 1992	W	79,427	W	18,995	111,408
Louisiana					
March 1993	-	111,877	27,517	39,081	178,475
February 1993	-	97,189	23,894	36,673	157,756
March 1992	W	128,587	W	42,128	197,401
Mississippi					
March 1993	-	87,039	14,193	20,790	122,022
February 1993	-	77,453	12,421	21,369	111,243
March 1992	-	100,516	12,620	20,603	133,739
New Mexico					
March 1993	7,724	52,961	1,955	6,471	69,111
February 1993	7,806	43,980	1,167	5,560	58,513
March 1992	9,644	49,566	1,076	6,365	66,651
Texas					
March 1993	W	572,255	W	157,361	851,096
February 1993	W	489,509	W	132,605	727,650
March 1992	4,548	761,611	115,826	161,470	1,043,455
PAD District IV Total					
March 1993	25,707	215,807	17,134	45,543	304,191
February 1993	22,344	182,848	15,233	39,884	260,309
March 1992	35,474	196,870	14,947	45,739	293,030
Colorado					
March 1993	4,766	102,878	13,624	19,779	141,047
February 1993	3,998	85,121	12,174	16,924	118,217
March 1992	8,990	90,221	11,759	23,038	134,008

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					
March 1993	7,480	27,646	-	4,303	39,429
February 1993	6,405	23,666	-	3,678	33,749
March 1992	9,262	25,669	-	3,546	38,477
Montana					
March 1993	5,560	23,680	-	4,972	34,212
February 1993	5,058	20,600	-	4,318	29,976
March 1992	7,149	22,378	-	4,672	34,199
Utah					
March 1993	W	44,858	W	13,465	67,082
February 1993	W	39,439	W	12,256	59,282
March 1992	7,152	44,136	3,064	11,797	66,149
Wyoming					
March 1993	W	16,745	W	3,024	22,421
February 1993	W	14,022	W	2,708	19,085
March 1992	2,921	14,466	124	2,686	20,197
PAD District V Total					
March 1993	74,063	1,181,313	171,126	321,684	1,748,186
February 1993	62,479	1,064,511	145,372	275,678	1,548,040
March 1992	91,798	1,202,985	149,569	366,019	1,810,371
Alaska					
March 1993	784	14,617	-	1,861	17,262
February 1993	604	12,900	-	1,353	14,857
March 1992	1,295	13,029	-	2,005	16,329
Arizona					
March 1993	18,260	97,705	884	18,679	135,528
February 1993	17,682	91,583	557	16,609	126,431
March 1992	23,198	97,101	766	20,367	141,432
California					
March 1993	W	782,067	W	230,494	1,173,116
February 1993	W	716,222	W	198,273	1,051,542
March 1992	22	829,645	141,271	277,567	1,248,505
Hawaii					
March 1993	-	17,542	3,328	9,967	30,837
February 1993	-	15,282	2,951	8,775	27,008
March 1992	-	18,944	3,144	10,067	32,155
Nevada					
March 1993	142	47,065	6,299	10,559	64,065
February 1993	118	38,077	4,771	8,934	51,900
March 1992	1,274	42,355	4,342	10,051	58,022
Oregon					
March 1993	W	78,872	W	14,274	113,561
February 1993	W	68,235	W	11,454	95,871
March 1992	25,265	70,529	W	W	108,535
Washington					
March 1993	W	143,445	W	35,850	213,817
February 1993	W	122,212	W	30,280	180,431
March 1992	40,744	131,382	W	W	205,393

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.

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							
March 1993	23,177	1,492,379	174,465	1,175,967	439,755	676,591	1,116,346
February 1993	18,345	1,343,169	144,314	1,242,948	377,332	623,217	1,000,549
March 1992	26,133	1,477,445	178,956	943,421	548,227	1,017,025	1,565,252
PAD District I Total							
March 1993	5,537	396,428	W	258,626	360,894	306,658	667,552
February 1993	5,125	354,865	W	254,087	325,298	245,679	570,977
March 1992	6,456	390,361	W	182,631	417,084	434,583	851,667
Subdistrict IA Total							
March 1993	501	33,933	-	29,442	94,595	55,124	149,719
February 1993	430	30,510	-	28,450	89,621	44,196	133,817
March 1992	477	39,336	-	21,959	94,484	126,602	221,086
Connecticut							
March 1993	84	7,228	-	5,442	W	W	17,373
February 1993	62	6,092	-	4,939	W	W	27,288
March 1992	46	8,101	-	3,786	W	W	26,947
Maine							
March 1993	W	W	-	2,528	22,976	22,409	45,385
February 1993	W	W	-	2,529	6,651	23,190	29,841
March 1992	W	2,802	-	2,576	13,960	28,571	42,531
Massachusetts							
March 1993	W	21,672	-	8,829	47,239	16,753	63,992
February 1993	107	20,345	-	8,144	48,933	13,396	62,329
March 1992	W	25,731	-	6,104	36,347	81,605	117,952
New Hampshire							
March 1993	47	914	-	6,675	824	14,948	15,772
February 1993	W	650	-	6,608	705	6,553	7,258
March 1992	53	W	-	5,208	W	W	27,125
Rhode Island							
March 1993	W	1,485	-	1,759	W	W	6,079
February 1993	W	1,385	-	1,905	W	W	5,911
March 1992	W	1,586	-	1,229	W	W	5,522
Vermont							
March 1993	59	W	-	4,209	W	W	1,118
February 1993	38	W	-	4,325	W	W	1,190
March 1992	45	W	-	3,056	W	W	1,009
Subdistrict IB Total							
March 1993	945	195,168	W	75,008	227,091	104,992	332,083
February 1993	953	172,811	W	72,824	201,329	69,422	270,751
March 1992	1,038	188,435	W	65,453	303,729	147,320	451,049
Delaware							
March 1993	W	232	W	7,205	W	W	W
February 1993	27	207	W	W	W	2,319	W
March 1992	W	283	W	W	W	7,278	W
District of Columbia							
March 1993	W	-	-	-	W	-	W
February 1993	-	-	-	W	W	-	W
March 1992	-	-	-	-	W	-	W
Maryland							
March 1993	128	6,870	-	5,399	W	W	37,476
February 1993	80	6,365	W	5,022	5,991	7,692	13,683
March 1992	W	8,244	-	W	16,307	17,801	34,108
New Jersey							
March 1993	233	142,648	-	10,495	38,988	22,831	61,819
February 1993	380	122,018	-	10,525	36,706	19,970	56,676
March 1992	382	134,582	-	10,009	77,899	62,603	140,502
New York							
March 1993	277	10,341	-	23,122	129,581	30,749	160,330
February 1993	215	10,515	-	20,928	119,596	24,127	143,723
March 1992	238	17,641	-	19,222	187,311	20,811	208,122
Pennsylvania							
March 1993	264	35,077	-	28,784	27,345	23,187	50,532
February 1993	251	33,706	-	26,174	27,341	15,314	42,655
March 1992	286	27,685	W	23,103	16,569	38,827	55,396

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							
March 1993	4,091	167,327	-	154,176	39,208	146,542	185,750
February 1993	3,742	151,544	-	152,813	34,348	132,061	166,409
March 1992	4,941	162,590	-	95,219	18,871	160,661	179,532
Florida							
March 1993	2,424	83,535	-	35,845	37,410	83,575	120,985
February 1993	2,222	69,210	-	32,548	32,696	75,307	108,003
March 1992	2,827	79,721	-	26,986	16,213	102,990	119,203
Georgia							
March 1993	573	37,899	-	31,871	W	10,119	W
February 1993	524	40,251	-	36,649	W	8,443	W
March 1992	679	38,026	-	19,669	-	5,929	5,929
North Carolina							
March 1993	266	10,648	-	43,911	W	W	28,527
February 1993	414	9,296	-	44,499	W	W	25,640
March 1992	609	8,381	-	25,987	W	18,687	W
South Carolina							
March 1993	497	2,377	-	22,475	W	W	W
February 1993	276	1,937	-	22,693	W	W	W
March 1992	426	2,821	-	11,070	W	W	W
Virginia							
March 1993	241	32,361	-	17,664	213	14,815	15,028
February 1993	221	30,357	-	14,139	212	13,670	13,882
March 1992	282	33,132	-	10,106	1,232	26,799	28,031
West Virginia							
March 1993	90	507	-	2,410	W	W	1,963
February 1993	85	493	-	2,285	W	W	343
March 1992	118	509	-	1,401	W	W	812
PAD District II Total							
March 1993	5,814	266,360	29,431	401,986	1,359	18,058	19,417
February 1993	4,248	247,872	21,750	463,689	1,505	15,575	17,080
March 1992	5,781	250,624	31,827	319,022	1,727	18,450	20,177
Illinois							
March 1993	407	26,824	-	48,764	W	W	68
February 1993	300	22,758	-	53,833	W	W	W
March 1992	W	22,488	W	35,726	W	W	1,141
Indiana							
March 1993	691	48,684	W	28,860	W	W	2,402
February 1993	600	50,091	W	33,009	W	W	772
March 1992	840	45,425	W	19,453	328	1,044	1,372
Iowa							
March 1993	216	1,686	W	21,895	-	-	-
February 1993	187	1,499	W	32,105	-	W	W
March 1992	256	2,322	W	16,150	-	W	W
Kansas							
March 1993	418	11,605	W	70,937	W	-	W
February 1993	223	9,998	W	77,908	W	W	W
March 1992	396	9,030	W	68,714	W	-	W
Kentucky							
March 1993	124	13,971	-	18,691	W	W	531
February 1993	93	15,909	-	19,384	W	W	W
March 1992	177	21,109	-	17,042	W	W	537
Michigan							
March 1993	785	28,995	-	34,599	W	W	1,487
February 1993	510	24,784	-	40,773	146	1,512	1,658
March 1992	476	28,409	-	28,443	W	W	1,588
Minnesota							
March 1993	467	29,169	W	25,330	W	W	5,290
February 1993	344	28,605	W	32,095	W	W	4,121
March 1992	437	14,310	W	23,381	W	W	7,075
Missouri							
March 1993	417	26,864	W	39,374	W	W	W
February 1993	250	22,651	W	43,379	W	W	691
March 1992	394	23,954	W	23,853	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							
March 1993	205	2,490	-	8,743	-	W	W
February 1993	138	1,966	-	11,646	-	W	W
March 1992	223	1,987	-	5,507	-	W	W
North Dakota							
March 1993	W	735	W	6,334	-	-	-
February 1993	63	719	W	9,419	-	W	W
March 1992	W	704	W	6,297	-	-	-
Ohio							
March 1993	498	29,556	W	31,875	W	W	2,556
February 1993	430	29,793	W	35,931	W	W	1,954
March 1992	550	25,852	W	24,916	W	W	4,072
Oklahoma							
March 1993	445	23,681	9,453	22,262	W	W	W
February 1993	W	21,473	6,836	24,546	W	W	W
March 1992	523	39,266	12,956	15,848	W	W	W
South Dakota							
March 1993	W	724	W	5,067	-	W	W
February 1993	W	623	W	7,130	-	W	W
March 1992	141	528	W	4,703	-	W	W
Tennessee							
March 1993	567	16,568	W	13,252	W	W	1,323
February 1993	462	12,345	W	11,947	W	W	1,396
March 1992	447	11,147	W	6,460	W	W	588
Wisconsin							
March 1993	322	4,808	-	26,003	W	W	3,242
February 1993	308	4,658	-	30,584	-	2,623	2,623
March 1992	389	4,093	-	22,529	W	W	2,932
PAD District III Total							
March 1993	4,080	372,199	93,826	404,311	27,387	166,882	194,269
February 1993	3,611	321,423	70,026	411,531	12,573	212,106	224,679
March 1992	4,258	374,175	84,859	346,331	65,942	336,281	402,223
Alabama							
March 1993	401	4,062	W	23,090	W	W	9,945
February 1993	360	3,630	W	24,011	W	W	7,186
March 1992	374	3,579	W	11,798	-	W	W
Arkansas							
March 1993	W	1,357	W	14,826	-	W	W
February 1993	W	826	W	15,567	-	W	W
March 1992	W	2,094	W	9,160	-	W	W
Louisiana							
March 1993	270	65,910	28,374	38,330	W	W	98,333
February 1993	208	53,318	23,181	28,757	W	W	106,076
March 1992	W	91,701	27,036	40,802	W	W	172,473
Mississippi							
March 1993	W	25,929	W	26,740	-	W	W
February 1993	W	23,510	5,905	23,132	-	W	W
March 1992	274	28,001	W	24,975	-	W	W
New Mexico							
March 1993	266	5,002	W	21,917	W	-	W
February 1993	235	4,783	W	24,365	W	W	155
March 1992	328	3,816	5,685	18,672	W	-	W
Texas							
March 1993	2,628	269,939	52,004	279,408	26,343	59,199	85,542
February 1993	2,390	235,362	33,140	295,699	12,166	98,837	111,003
March 1992	2,774	244,984	44,937	240,924	41,924	176,419	218,343
PAD District IV Total							
March 1993	1,186	45,726	W	30,657	1,836	891	2,727
February 1993	761	35,727	W	33,633	2,761	987	3,748
March 1992	1,424	39,805	W	24,708	2,567	617	3,184
Colorado							
March 1993	482	27,322	W	10,452	-	-	-
February 1993	325	20,204	W	12,059	-	-	-
March 1992	466	21,965	W	8,202	-	-	-

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							
March 1993	81	1,218	-	2,536	W	-	W
February 1993	W	1,310	-	2,796	W	-	W
March 1992	87	1,219	-	1,813	-	-	-
Montana							
March 1993	W	2,142	W	5,090	-	W	W
February 1993	W	1,914	W	6,092	-	W	W
March 1992	W	1,377	W	4,659	-	W	W
Utah							
March 1993	383	14,733	5,305	4,306	W	W	897
February 1993	217	11,914	5,362	4,794	W	W	1,772
March 1992	466	15,011	W	3,921	W	W	W
Wyoming							
March 1993	W	311	-	8,273	W	W	1,765
February 1993	39	385	W	7,892	W	W	1,851
March 1992	W	233	-	6,113	W	W	2,270
PAD District V Total							
March 1993	6,560	411,666	31,977	80,387	48,279	184,102	232,381
February 1993	4,600	383,282	33,993	80,008	35,195	148,870	184,065
March 1992	8,214	422,480	43,224	70,729	60,907	227,094	288,001
Alaska							
March 1993	W	31,825	W	W	-	W	W
February 1993	W	34,511	749	W	-	W	W
March 1992	W	38,748	W	W	-	W	W
Arizona							
March 1993	690	18,782	W	4,750	W	-	W
February 1993	407	15,656	W	4,986	W	-	W
March 1992	557	19,939	W	5,592	W	-	W
California							
March 1993	3,511	242,784	30,289	47,585	W	W	77,891
February 1993	2,581	216,141	32,681	47,923	W	W	65,237
March 1992	5,072	240,548	36,419	41,548	21,001	102,335	123,336
Hawaii							
March 1993	W	26,007	-	W	W	W	51,411
February 1993	W	29,329	-	W	W	W	43,873
March 1992	W	30,305	-	W	W	12,519	W
Nevada							
March 1993	204	16,933	W	3,887	W	W	W
February 1993	144	16,684	W	4,590	W	W	W
March 1992	203	15,890	W	2,835	W	-	W
Oregon							
March 1993	441	12,301	-	4,010	-	20,855	20,855
February 1993	327	10,120	-	4,159	-	9,762	9,762
March 1992	511	11,177	-	3,846	-	W	W
Washington							
March 1993	656	63,034	-	15,169	-	69,950	69,950
February 1993	537	60,841	-	14,253	-	47,406	47,406
March 1992	889	65,873	-	12,075	-	62,099	62,099

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							
March 1993	122,881	99,864	2,104,691	2,294,519	4,399,210	70,139	4,692,094
February 1993	148,319	155,634	2,022,954	1,987,879	4,010,833	74,031	4,388,817
March 1992	110,035	68,213	2,028,773	2,242,486	4,271,259	70,243	4,519,750
PAD District I Total							
March 1993	95,141	20,937	1,456,787	552,604	2,009,391	64,564	2,190,033
February 1993	111,670	21,561	1,457,336	481,724	1,939,060	65,872	2,138,163
March 1992	66,230	13,197	1,321,590	497,303	1,818,893	64,939	1,963,259
Subdistrict IA Total							
March 1993	13,791	3,425	391,860	48,897	440,757	17,128	475,101
February 1993	17,933	3,515	420,965	46,347	467,312	18,868	507,628
March 1992	11,690	1,974	408,296	42,424	450,720	16,266	480,650
Connecticut							
March 1993	1,974	507	99,585	11,055	110,640	2,856	115,977
February 1993	2,729	655	103,728	9,762	113,490	2,978	119,852
March 1992	1,600	169	93,487	9,224	102,711	3,060	107,540
Maine							
March 1993	6,107	1,580	41,847	6,179	48,026	897	56,610
February 1993	7,011	1,454	50,107	6,158	56,265	848	65,578
March 1992	4,938	828	40,588	6,230	46,818	850	53,434
Massachusetts							
March 1993	3,166	365	157,672	17,118	174,790	9,589	187,910
February 1993	3,956	437	165,677	16,332	182,009	10,869	197,271
March 1992	2,555	294	194,709	15,031	209,740	9,123	221,712
New Hampshire							
March 1993	1,609	W	36,608	8,578	45,186	W	48,228
February 1993	2,518	W	39,707	8,937	48,644	W	52,880
March 1992	1,245	197	31,423	6,839	38,262	1,027	40,731
Rhode Island							
March 1993	340	492	46,990	3,739	50,729	2,372	53,933
February 1993	703	428	50,267	2,953	53,220	2,470	56,821
March 1992	262	W	37,478	3,024	40,502	W	43,006
Vermont							
March 1993	595	W	9,158	2,228	11,386	W	12,443
February 1993	1,016	W	11,479	2,205	13,684	W	15,226
March 1992	1,090	W	10,611	2,076	12,687	W	14,227
Subdistrict IB Total							
March 1993	43,057	13,254	847,853	151,686	999,539	44,207	1,100,057
February 1993	46,343	12,922	817,255	135,166	952,421	44,320	1,056,006
March 1992	31,722	7,300	728,603	136,376	864,979	46,747	950,748
Delaware							
March 1993	855	W	18,249	8,395	26,644	W	27,630
February 1993	944	W	16,467	7,321	23,788	W	24,982
March 1992	888	W	15,308	7,064	22,372	W	23,327
District of Columbia							
March 1993	20	W	11,115	561	11,676	W	13,106
February 1993	21	W	6,764	447	7,211	W	8,276
March 1992	W	W	7,002	423	7,425	W	10,309
Maryland							
March 1993	3,902	818	63,064	21,817	84,881	1,009	90,610
February 1993	3,811	935	61,051	19,499	80,550	742	86,038
March 1992	2,849	551	44,112	20,839	64,951	477	68,828
New Jersey							
March 1993	7,657	2,749	281,376	26,787	308,163	6,545	325,114
February 1993	5,997	2,631	253,721	24,429	278,150	6,607	293,385
March 1992	4,454	2,398	255,356	24,297	279,653	7,824	294,329
New York							
March 1993	16,479	4,383	277,842	34,445	312,287	35,666	368,815
February 1993	18,206	3,553	280,816	31,451	312,267	36,167	370,193
March 1992	13,711	2,010	236,292	23,421	259,713	35,673	311,107
Pennsylvania							
March 1993	14,144	W	196,207	59,681	255,888	W	274,782
February 1993	17,364	W	198,436	52,019	250,455	W	273,132
March 1992	W	1,615	170,533	60,332	230,865	W	242,848

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							
March 1993	38,293	4,258	217,074	352,021	569,095	3,229	614,875
February 1993	47,394	5,124	219,116	300,211	519,327	2,684	574,529
March 1992	22,818	3,923	184,691	318,503	503,194	1,926	531,861
Florida							
March 1993	2,198	686	28,365	117,870	146,235	556	149,675
February 1993	2,648	584	27,857	100,737	128,594	391	132,217
March 1992	914	W	21,301	107,198	128,499	W	130,187
Georgia							
March 1993	2,741	77	23,349	76,477	99,826	190	102,834
February 1993	2,991	W	22,887	64,883	87,770	W	91,037
March 1992	1,440	W	24,630	69,191	93,821	W	95,469
North Carolina							
March 1993	15,567	670	54,558	59,635	114,193	101	130,531
February 1993	20,647	1,001	58,971	48,306	107,277	127	129,052
March 1992	9,008	763	47,698	50,122	97,820	160	107,751
South Carolina							
March 1993	5,997	W	21,794	25,795	47,589	W	53,675
February 1993	8,271	W	21,241	22,901	44,142	W	52,448
March 1992	3,567	W	18,182	24,872	43,054	W	46,672
Virginia							
March 1993	10,161	W	78,954	52,436	131,390	W	146,341
February 1993	10,714	W	78,910	46,880	125,790	W	141,371
March 1992	6,514	W	62,239	48,289	110,528	W	120,626
West Virginia							
March 1993	1,629	W	10,054	19,808	29,862	W	31,819
February 1993	2,123	W	9,250	16,504	25,754	W	28,404
March 1992	1,375	309	10,641	18,831	29,472	-	31,156
PAD District II Total							
March 1993	23,682	W	468,660	634,325	1,102,985	W	1,182,956
February 1993	30,045	W	414,243	535,544	949,787	W	1,073,761
March 1992	17,767	W	452,252	616,643	1,068,895	W	1,125,569
Illinois							
March 1993	1,430	W	52,011	62,382	114,393	W	125,699
February 1993	1,960	W	48,438	57,133	105,571	W	118,932
March 1992	W	4,973	61,533	67,057	128,590	W	138,236
Indiana							
March 1993	2,166	W	54,490	61,887	116,377	W	124,782
February 1993	3,408	W	44,900	52,194	97,094	W	110,463
March 1992	1,310	W	49,466	58,890	108,356	W	114,992
Iowa							
March 1993	279	2,818	22,600	33,901	56,501	-	59,598
February 1993	168	7,557	17,199	25,701	42,900	-	50,625
March 1992	118	1,421	25,680	31,927	57,607	-	59,146
Kansas							
March 1993	235	1,982	26,821	27,528	54,349	-	56,566
February 1993	187	4,944	18,536	21,105	39,641	-	44,772
March 1992	58	1,300	26,209	31,574	57,783	-	59,141
Kentucky							
March 1993	3,074	W	23,423	55,295	78,718	W	83,781
February 1993	4,343	W	25,456	45,536	70,992	W	77,972
March 1992	1,798	1,186	17,524	52,772	70,296	-	73,280
Michigan							
March 1993	3,005	7,729	56,590	32,674	89,264	-	99,998
February 1993	3,628	W	51,295	28,820	80,115	W	93,019
March 1992	2,284	W	49,463	27,256	76,719	W	85,641
Minnesota							
March 1993	148	W	30,095	30,465	60,560	W	67,723
February 1993	319	W	27,211	22,383	49,594	W	63,355
March 1992	89	W	30,288	29,004	59,292	W	63,849
Missouri							
March 1993	499	1,845	20,016	54,746	74,762	-	77,106
February 1993	684	3,706	17,299	45,160	62,459	-	66,849
March 1992	54	697	20,435	49,277	69,712	-	70,463

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							
March 1993	W	W	8,173	23,748	31,921	-	33,792
February 1993	151	4,717	4,053	20,168	24,221	-	29,089
March 1992	W	W	11,836	30,129	41,965	-	42,784
North Dakota							
March 1993	77	1,038	12,088	9,795	21,883	-	22,998
February 1993	W	W	8,752	6,161	14,913	-	17,822
March 1992	W	W	10,144	8,111	18,255	-	18,883
Ohio							
March 1993	8,490	W	58,419	91,646	150,065	W	161,325
February 1993	10,545	W	61,191	82,127	143,318	W	157,929
March 1992	5,098	W	49,047	83,951	132,998	W	139,822
Oklahoma							
March 1993	63	2,140	23,573	43,736	67,309	-	69,512
February 1993	75	2,657	15,369	36,976	52,345	-	55,077
March 1992	W	W	28,028	40,735	68,763	-	72,564
South Dakota							
March 1993	W	W	9,620	8,755	18,375	-	20,010
February 1993	W	W	6,733	6,393	13,126	-	16,792
March 1992	-	870	8,842	10,332	19,174	-	20,044
Tennessee							
March 1993	3,963	W	22,150	73,783	95,933	W	101,915
February 1993	4,428	W	22,270	65,609	87,879	W	94,692
March 1992	2,458	W	18,587	73,298	91,885	W	95,291
Wisconsin							
March 1993	208	5,368	48,591	23,984	72,575	-	78,151
February 1993	115	10,639	45,541	20,078	65,619	-	76,373
March 1992	49	3,884	45,170	22,330	67,500	-	71,433
PAD District III Total							
March 1993	2,936	W	125,532	499,986	625,518	W	631,651
February 1993	3,091	4,378	113,372	442,055	555,427	-	562,896
March 1992	23,508	W	196,449	541,281	737,730	W	764,226
Alabama							
March 1993	1,384	478	13,269	44,364	57,633	-	59,495
February 1993	1,249	352	12,378	39,362	51,740	-	53,341
March 1992	398	270	12,512	45,254	57,766	-	58,434
Arkansas							
March 1993	142	41	W	W	55,800	-	55,983
February 1993	137	86	W	W	48,168	-	48,391
March 1992	139	-	W	W	52,097	-	52,236
Louisiana							
March 1993	W	W	8,761	101,580	110,341	-	111,129
February 1993	W	W	10,023	89,837	99,860	-	100,664
March 1992	W	W	21,124	117,336	138,460	-	140,631
Mississippi							
March 1993	285	W	23,848	38,103	61,951	W	62,304
February 1993	341	54	21,094	34,073	55,167	-	55,562
March 1992	W	71	37,898	45,406	83,304	W	95,037
New Mexico							
March 1993	W	W	W	W	30,071	-	30,624
February 1993	W	W	W	W	28,232	-	29,626
March 1992	61	544	W	W	30,618	-	31,223
Texas							
March 1993	625	1,769	73,445	236,277	309,722	-	312,116
February 1993	848	2,204	64,618	207,642	272,260	-	275,312
March 1992	W	W	119,866	255,619	375,485	-	386,665
PAD District IV Total							
March 1993	100	11,017	27,294	100,975	128,269	-	139,386
February 1993	313	20,173	17,590	85,122	102,712	-	123,198
March 1992	87	6,242	23,210	103,250	126,460	-	132,789
Colorado							
March 1993	W	W	13,554	22,937	36,491	-	40,628
February 1993	W	W	6,282	20,192	26,474	-	32,310
March 1992	W	W	9,160	22,326	31,486	-	34,943

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							
March 1993	W	W	3,673	14,475	18,148	-	19,224
February 1993	W	W	2,671	12,289	14,960	-	17,478
March 1992	-	333	W	W	18,304	-	18,637
Montana							
March 1993	-	1,610	W	W	19,802	-	21,412
February 1993	W	W	W	W	15,813	-	19,592
March 1992	-	689	W	W	21,920	-	22,609
Utah							
March 1993	W	W	W	W	27,765	-	29,674
February 1993	W	W	W	W	22,408	-	26,753
March 1992	W	W	3,360	26,149	29,509	-	30,093
Wyoming							
March 1993	W	W	1,841	24,222	26,063	-	28,448
February 1993	-	4,008	1,262	21,795	23,057	-	27,065
March 1992	-	1,266	2,204	23,037	25,241	-	26,507
PAD District V Total							
March 1993	1,022	13,262	26,418	506,629	533,047	737	548,068
February 1993	3,200	W	20,413	443,434	463,847	W	490,799
March 1992	2,443	10,658	35,272	484,009	519,281	1,525	533,907
Alaska							
March 1993	-	7,155	4,509	W	W	W	34,395
February 1993	W	9,064	4,455	15,667	20,122	W	33,245
March 1992	W	4,805	13,020	11,644	24,664	W	31,631
Arizona							
March 1993	W	W	W	W	36,142	-	36,518
February 1993	W	197	W	33,479	W	-	33,982
March 1992	W	W	33	32,717	32,750	-	33,152
California							
March 1993	527	W	W	W	273,115	W	275,840
February 1993	1,678	W	W	W	228,526	W	232,748
March 1992	W	3,442	W	W	271,201	W	275,743
Hawaii							
March 1993	-	W	W	15,500	W	-	16,343
February 1993	-	W	W	14,490	W	-	15,127
March 1992	-	W	W	W	W	-	16,003
Nevada							
March 1993	-	W	W	W	22,090	W	22,640
February 1993	-	1,062	W	W	17,046	-	18,108
March 1992	-	483	587	18,364	18,951	-	19,434
Oregon							
March 1993	W	W	5,036	59,178	64,214	-	65,718
February 1993	W	W	4,192	49,354	53,546	-	57,256
March 1992	W	658	W	54,801	W	-	60,534
Washington							
March 1993	W	1,878	14,989	79,639	94,628	W	96,614
February 1993	W	3,806	10,631	85,747	96,378	W	100,333
March 1992	W	856	16,326	80,099	96,425	W	97,410

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.

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								
March 1993	0.1	0.3	0.1	0.1	0.2	0.4	0.2	0.3
February 1993	.1	.3	.1	.1	.3	.4	.2	.3
PAD District I Average								
March 1993	.3	.3	.3	.1	.4	.4	.4	.4
February 1993	.3	.4	.3	.1	.5	.4	.4	.4
Subdistrict 1A Average								
March 1993	.3	.3	.4	.1	.4	.5	.5	.4
February 1993	.3	.6	.4	.2	.4	1.1	.5	.5
Connecticut								
March 1993	.8	1.0	.7	.5	.9	1.1	.9	3.3
February 1993	.8	.8	.8	.5	1.0	.8	1.0	3.1
Maine								
March 1993	.7	1.5	.7	.3	.7	1.5	.7	.7
February 1993	.4	2.1	.4	.4	.4	2.1	.4	.6
Massachusetts								
March 1993	.5	.8	.7	.2	.7	.4	.9	.7
February 1993	.6	.6	.8	.4	.8	.8	1.0	.9
New Hampshire								
March 1993	.1	.8	.2	.2	.2	1.6	.2	.3
February 1993	.2	1.1	.2	.1	.2	1.2	.2	.3
Rhode Island								
March 1993	1.0	.2	.8	.1	1.3	.2	1.1	.3
February 1993	.2	.7	.2	.1	.4	.8	.3	.3
Vermont								
March 1993	.3	.3	.2	.1	.3	.3	.2	.1
February 1993	.3	.4	.2	.1	.3	.4	.2	.1
Subdistrict 1B Average								
March 1993	.3	.6	.3	.1	.5	.6	.5	.5
February 1993	.3	.6	.3	.1	.5	.7	.4	.5
Delaware								
March 1993	.2	.6	.3	.2	.3	.6	.3	.6
February 1993	.3	.5	.3	.2	.3	.5	.3	.6
District of Columbia								
March 1993	NA	.9	.5	.0	NA	.9	.5	.0
February 1993	NA	.4	.2	.0	NA	.4	.2	.0
Maryland								
March 1993	.6	1.0	.7	.1	.6	1.1	.7	.6
February 1993	.6	.8	.6	.1	.6	.8	.6	.5
New Jersey								
March 1993	.4	1.6	.8	.3	1.2	2.0	1.9	1.3
February 1993	.2	1.5	.7	.2	.5	1.9	1.6	1.1
New York								
March 1993	.4	1.1	.4	.1	1.0	1.2	.7	.6
February 1993	.5	1.2	.4	.1	1.2	1.4	.8	.4
Pennsylvania								
March 1993	.5	.9	.4	.2	.9	1.1	.8	1.0
February 1993	.4	.9	.4	.3	.7	1.1	.7	1.0
Subdistrict 1C Average								
March 1993	.4	.5	.4	.2	.6	.6	.6	.7
February 1993	.5	.5	.4	.2	.7	.6	.6	.8
Florida								
March 1993	.4	.7	.4	.2	.7	.9	.6	1.5
February 1993	.7	1.0	.6	.2	1.2	1.1	1.2	1.3
Georgia								
March 1993	1.9	1.4	1.7	.5	2.3	1.7	2.1	1.7
February 1993	1.8	1.4	1.7	.9	2.3	1.6	2.2	2.7
North Carolina								
March 1993	.3	.9	.3	.3	.4	1.0	.3	.9
February 1993	.4	.8	.4	.3	.4	.9	.4	.8
South Carolina								
March 1993	1.0	1.4	1.0	.6	1.7	1.7	1.5	1.7
February 1993	.7	1.8	.6	.5	1.1	2.0	.9	1.6

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								
March 1993	0.6	1.1	0.6	0.1	0.8	1.2	0.8	0.7
February 1993	.5	1.1	.5	.1	.6	1.2	.6	.8
West Virginia								
March 1993	.5	.9	.4	.4	1.3	1.4	1.0	1.0
February 1993	.3	1.1	.2	.5	.9	1.7	.6	1.0
PAD District II Average								
March 1993	.2	.4	.2	.1	.3	.5	.3	.2
February 1993	.2	.4	.2	.1	.3	.4	.3	.2
Illinois								
March 1993	.2	1.1	.2	.1	.5	1.1	.4	.8
February 1993	.3	1.1	.3	.1	.5	1.2	.5	.7
Indiana								
March 1993	.4	1.2	.3	.1	.7	1.3	.6	.8
February 1993	.3	1.3	.3	.1	.6	1.3	.6	.7
Iowa								
March 1993	.3	.9	.4	.2	.4	.9	.4	.5
February 1993	.3	.9	.3	.1	.4	.9	.4	.6
Kansas								
March 1993	.5	1.8	.5	.2	.7	1.9	.6	1.0
February 1993	.5	2.2	.5	.2	.7	2.4	.7	.8
Kentucky								
March 1993	.3	1.4	.3	.3	.6	1.8	.5	.6
February 1993	.3	1.2	.3	.3	.5	1.6	.5	.6
Michigan								
March 1993	.5	1.4	.4	.1	1.2	1.6	1.1	.5
February 1993	.6	1.0	.6	.1	1.6	1.3	1.4	.5
Minnesota								
March 1993	.3	1.1	.3	.1	.4	1.1	.4	.4
February 1993	.4	.8	.3	.1	.6	.8	.5	.3
Missouri								
March 1993	.5	2.5	.6	.3	.8	2.7	.8	.5
February 1993	.6	1.7	.6	.3	.8	1.8	.8	.7
Nebraska								
March 1993	.8	.8	.7	.3	1.0	.8	.9	.9
February 1993	.6	.8	.5	.3	.8	.8	.7	.8
North Dakota								
March 1993	.7	1.0	.6	.2	.8	1.0	.6	.5
February 1993	.6	1.3	.7	.2	.7	1.3	.7	.8
Ohio								
March 1993	.3	.8	.3	.2	.8	1.1	.7	.5
February 1993	.2	.8	.2	.2	.5	1.1	.5	.9
Oklahoma								
March 1993	.4	.9	.4	.2	.6	1.3	.6	.7
February 1993	.4	1.6	.4	.2	.6	2.1	.6	.7
South Dakota								
March 1993	.5	1.6	.5	.5	.6	1.6	.5	1.0
February 1993	.6	1.8	.6	.4	.6	1.8	.6	.9
Tennessee								
March 1993	.7	.9	.7	.4	1.4	1.0	1.3	1.1
February 1993	.9	.9	.8	.5	1.7	1.0	1.6	1.1
Wisconsin								
March 1993	.3	1.0	.3	.3	.5	1.1	.5	1.0
February 1993	.3	1.2	.3	.2	.5	1.3	.5	.5
PAD District III Average								
March 1993	.2	.8	.2	.2	.4	.9	.4	.9
February 1993	.4	1.0	.4	.3	.9	1.0	.9	.9
Alabama								
March 1993	.5	1.1	.4	.3	.6	1.1	.6	1.3
February 1993	.5	1.2	.5	.4	.7	1.1	.6	1.4
Arkansas								
March 1993	.7	4.1	1.0	.4	1.0	4.3	1.3	1.4
February 1993	.6	2.3	.6	.3	.8	2.4	.8	1.0

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								
March 1993	0.6	1.1	0.5	0.9	0.8	1.0	0.8	2.7
February 1993	.3	1.5	.5	1.0	.4	2.0	.7	3.3
Mississippi								
March 1993	1.1	1.0	1.0	.4	1.2	.9	1.1	1.2
February 1993	.9	1.4	.9	.3	1.0	1.3	.9	.8
New Mexico								
March 1993	.4	1.7	.5	.2	.7	1.8	.7	.8
February 1993	.5	.8	.6	.2	.9	.9	.9	1.1
Texas								
March 1993	.2	1.3	.3	.4	.8	1.4	.9	1.2
February 1993	.7	1.9	.8	.4	2.4	2.0	2.3	1.3
PAD District IV Average								
March 1993	.2	1.1	.3	.1	.5	1.1	.5	.3
February 1993	.2	1.0	.3	.1	.4	1.1	.5	.5
Colorado								
March 1993	.4	2.3	.5	.2	.9	2.3	1.0	.5
February 1993	.3	2.3	.4	.2	.9	2.4	1.0	.5
Idaho								
March 1993	.6	.9	.6	.4	.6	.9	.6	1.0
February 1993	.6	1.0	.6	.6	.7	1.0	.7	1.4
Montana								
March 1993	2.1	1.0	1.5	.2	2.3	1.1	1.7	.4
February 1993	1.8	.8	1.3	.5	1.9	.9	1.4	.3
Utah								
March 1993	.6	1.2	.6	.1	.9	1.3	.9	.3
February 1993	.4	1.4	.4	.2	.7	1.6	.7	1.0
Wyoming								
March 1993	.8	1.1	.6	.3	.9	1.0	.7	1.0
February 1993	.7	1.4	.6	.2	.8	1.3	.7	.7
PAD District V Average								
March 1993	.3	1.4	.3	.1	.8	1.7	.7	.9
February 1993	.3	1.1	.3	.1	.8	1.4	.7	.8
Alaska								
March 1993	9.0	2.3	7.4	1.8	NA	6.1	NA	5.1
February 1993	8.6	2.3	7.1	1.7	NA	5.3	NA	4.6
Arizona								
March 1993	.2	1.0	.1	.2	.3	1.1	.2	1.5
February 1993	.4	1.8	.4	.2	.5	2.0	.5	2.0
California								
March 1993	.4	2.6	.4	.2	1.6	3.2	1.4	1.3
February 1993	.3	2.0	.4	.1	1.5	2.4	1.2	1.2
Hawaii								
March 1993	.9	2.3	1.7	.1	NA	4.5	1.1	1.6
February 1993	.9	2.3	1.6	.1	NA	4.1	1.2	1.8
Nevada								
March 1993	.8	2.0	.8	.5	.9	2.4	.9	4.3
February 1993	.9	1.3	.9	.4	1.1	1.7	1.1	3.5
Oregon								
March 1993	.6	1.6	.6	.5	1.0	1.7	.9	1.9
February 1993	1.2	1.8	1.2	.3	2.1	1.9	1.9	1.5
Washington								
March 1993	.4	1.4	.4	.5	.6	1.5	.5	2.3
February 1993	.3	1.5	.3	.3	.9	1.6	.6	1.2

^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 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												
March 1993	0.4	0.7	0.2	0.1	0.3	0.1	0.2	0.5	0.1	0.2	0.5	0.1
February 1993	.4	.7	.1	.2	.3	.1	.2	.5	.1	.2	.5	.1
PAD District I Average												
March 1993	.4	2.8	NA	.2	.3	.1	.4	.5	.1	.4	.6	.1
February 1993	.0	1.8	.5	.3	.3	.1	.4	.5	.1	.4	.6	.1
Subdistrict IA Average												
March 1993	-	NA	-	.3	.3	.1	.7	.9	.2	.5	.5	.1
February 1993	NA	NA	NA	.3	.5	.2	.5	1.2	.2	.4	1.2	.1
Connecticut												
March 1993	-	-	-	.8	1.1	.3	1.4	1.1	.8	1.0	1.1	.3
February 1993	-	-	-	.7	.8	.3	1.5	1.5	.9	.9	1.2	.3
Maine												
March 1993	-	-	-	.3	1.1	.4	3.5	3.8	.5	.4	1.3	.1
February 1993	-	-	-	.3	2.0	.5	1.2	2.5	.6	.3	2.1	.1
Massachusetts												
March 1993	-	-	-	.7	.7	.2	.3	.4	.1	.4	.5	.2
February 1993	NA	-	-	.7	.9	.4	.5	1.1	.1	.4	.7	.3
New Hampshire												
March 1993	-	-	-	.1	1.0	.2	.3	.1	.2	.5	1.8	.1
February 1993	-	-	-	.1	1.5	.2	.1	.1	.1	.6	1.6	.2
Rhode Island												
March 1993	-	-	-	.7	.0	.1	2.1	.0	.1	2.1	.2	.1
February 1993	-	-	-	.2	.0	.1	.4	.0	.1	.6	1.9	.1
Vermont												
March 1993	-	NA	-	.3	.4	.1	.3	.3	.1	.3	.8	.1
February 1993	-	NA	NA	.3	.4	.1	.3	.4	.1	.3	.8	.1
Subdistrict IB Average												
March 1993	NA	3.2	NA	.2	.5	.1	.3	.6	.1	.4	.8	.1
February 1993	NA	2.0	NA	.2	.6	.1	.3	.5	.1	.3	.8	.1
Delaware												
March 1993	-	-	-	.2	.5	.1	.3	.9	.2	.3	1.0	.5
February 1993	-	-	-	.2	.6	.2	.3	.5	.1	.3	.9	.3
District of Columbia												
March 1993	-	-	-	NA	.6	.0	NA	.0	.0	NA	1.4	.0
February 1993	-	-	-	NA	.6	.0	NA	.0	.0	NA	.2	.0
Maryland												
March 1993	-	-	-	.4	.5	.1	.7	2.5	.1	.8	1.4	.1
February 1993	-	-	-	.4	.4	.1	.6	2.0	.1	.6	1.0	.1
New Jersey												
March 1993	-	NA	NA	.2	1.9	.2	.2	1.3	.3	.2	1.7	.3
February 1993	-	NA	NA	.2	1.8	.2	.3	1.1	.3	.5	2.0	.2
New York												
March 1993	NA	.0	NA	.4	1.2	.1	.6	.5	.1	.3	1.4	.3
February 1993	NA	.0	NA	.4	1.4	.1	.7	.5	.1	.5	1.7	.3
Pennsylvania												
March 1993	-	NA	-	.5	.8	.2	.3	.9	.3	.7	1.5	.3
February 1993	-	2.0	NA	.4	1.0	.2	.3	.8	.2	.5	1.6	.3
Subdistrict IC Average												
March 1993	.2	NA	-	.3	.4	.2	.5	.8	.1	.5	.9	.2
February 1993	.0	NA	-	.4	.3	.2	.5	.8	.2	.5	1.0	.2
Florida												
March 1993	-	-	-	.4	.6	.2	.3	1.4	.3	.3	1.9	.2
February 1993	-	-	-	.8	.7	.2	.8	1.5	.2	.6	2.1	.2
Georgia												
March 1993	.2	-	-	1.4	1.1	.5	1.5	2.5	.4	2.1	2.2	.7
February 1993	.0	-	-	1.3	.8	.8	1.4	1.8	.9	2.0	2.5	1.1
North Carolina												
March 1993	-	-	-	.3	.7	.2	.6	1.4	.3	.7	1.8	.5
February 1993	-	-	-	.3	.6	.2	.5	1.3	.3	.5	1.4	.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	
South Carolina												
March 1993	-	-	-	1.1	1.2	0.9	1.0	1.3	0.5	1.3	1.5	0.4
February 1993	-	-	-	.7	1.0	.8	.8	1.3	.3	1.0	5.5	.4
Virginia												
March 1993	-	NA	-	.6	.8	.1	.6	1.5	.2	.6	1.1	.2
February 1993	-	NA	-	.5	.7	.1	.5	1.8	.2	.5	1.0	.2
West Virginia												
March 1993	-	NA	-	.3	.9	.4	.2	1.3	.5	.9	1.1	.4
February 1993	-	NA	-	.2	.6	.4	.3	.9	.6	.7	1.3	.5
PAD District II Average												
March 1993	0.9	1.0	0.4	.2	.4	.1	.2	.8	.1	.2	.8	.1
February 1993	1.2	1.2	.5	.2	.4	.1	.2	.7	.1	.2	.8	.1
Illinois												
March 1993	1.2	3.2	2.3	.5	1.0	.1	.4	1.9	.1	.4	1.6	.2
February 1993	.5	NA	1.8	.6	.9	.1	.3	1.9	.1	.4	2.2	.2
Indiana												
March 1993	1.2	1.5	.9	.4	1.3	.1	.6	1.6	.2	.4	1.9	.2
February 1993	1.4	2.7	1.3	.3	1.1	.1	.6	1.8	.2	.4	1.7	.2
Iowa												
March 1993	.5	.5	.9	.4	.9	.2	.8	NA	1.0	.4	2.4	.3
February 1993	1.3	.3	.8	.3	.9	.1	.7	3.4	1.0	.4	1.9	.3
Kansas												
March 1993	2.4	.5	1.4	.5	2.2	.2	.5	3.1	.1	.7	2.7	.3
February 1993	2.7	.6	2.3	.6	2.6	.1	.5	3.9	.1	.7	2.5	.3
Kentucky												
March 1993	NA	NA	NA	.2	.8	.3	.4	1.7	.4	.4	1.9	.4
February 1993	NA	NA	NA	.3	.8	.2	.3	1.2	.3	.4	1.3	.3
Michigan												
March 1993	1.5	1.4	1.1	.5	1.5	.1	.7	2.7	.1	.6	2.0	.1
February 1993	1.3	1.6	1.2	.8	1.1	.1	.9	2.7	.1	.7	1.6	.1
Minnesota												
March 1993	.7	2.6	.4	.3	.8	.1	.4	1.0	.3	.8	2.3	.2
February 1993	.6	2.0	.4	.3	.9	.1	.5	.7	.3	.9	1.6	.1
Missouri												
March 1993	1.5	1.3	NA	.4	2.1	.3	.6	3.2	.4	.6	8.3	.2
February 1993	1.4	1.0	NA	.4	1.4	.3	.8	2.1	.6	1.5	5.5	.3
Nebraska												
March 1993	1.2	1.4	.3	.8	.9	.3	.4	NA	.2	.5	2.3	.2
February 1993	1.4	1.2	.3	.6	1.0	.3	.7	NA	.5	.3	2.9	.1
North Dakota												
March 1993	.5	1.2	.6	.7	1.0	.2	.8	.8	.3	1.3	1.2	.4
February 1993	.9	1.4	.5	.6	1.4	.2	1.2	2.3	.2	1.2	1.7	.5
Ohio												
March 1993	5.6	NA	NA	.3	.9	.2	.3	1.3	.1	.5	1.1	.1
February 1993	5.9	4.6	-	.2	.9	.2	.2	1.2	.4	.4	.7	.1
Oklahoma												
March 1993	1.5	-	1.1	.4	1.0	.2	.4	1.4	.5	.6	1.1	.3
February 1993	1.5	NA	.8	.4	1.8	.2	.4	2.5	.5	.6	1.4	.4
South Dakota												
March 1993	.2	2.1	.2	.5	2.7	.6	.5	NA	.6	.7	2.6	.2
February 1993	.6	2.7	.5	.6	1.9	.5	1.5	NA	.7	.9	3.0	.2
Tennessee												
March 1993	NA	-	-	.4	.6	.3	.6	1.3	.5	.7	2.0	.7
February 1993	NA	-	-	.5	.7	.4	1.0	1.4	.5	.7	2.1	.6
Wisconsin												
March 1993	2.4	2.7	2.6	.3	1.0	.3	.3	2.4	.5	.5	3.3	.4
February 1993	2.0	2.1	3.8	.3	1.1	.1	.4	1.4	.2	.6	2.0	.3
PAD District III Average												
March 1993	.6	3.2	.2	.2	.9	.2	.2	1.3	.4	.2	.8	.4
February 1993	.5	1.3	.2	.3	.9	.2	.2	2.0	.4	.2	1.0	.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												
March 1993	NA	-	-	0.5	1.0	0.3	0.5	1.3	0.3	0.5	1.1	0.5
February 1993	NA	-	-	.5	1.2	.4	.6	1.1	.4	.6	1.4	.5
Arkansas												
March 1993	3.1	NA	NA	.5	4.1	.4	.8	6.4	.5	.9	1.5	.5
February 1993	3.1	NA	NA	.5	2.6	.2	.8	3.9	.5	1.1	1.5	.5
Louisiana												
March 1993	NA	NA	-	.4	1.9	.6	.6	1.7	1.1	.8	NA	1.2
February 1993	NA	NA	-	.2	1.3	.7	.4	1.9	1.5	.5	1.0	1.4
Mississippi												
March 1993	NA	-	-	1.2	1.1	.3	.8	1.9	.4	1.2	.9	.6
February 1993	NA	-	-	1.0	1.4	.2	.7	1.5	.3	1.0	1.5	.4
New Mexico												
March 1993	.4	2.3	0.3	.4	1.8	.2	1.0	.4	.1	.4	.5	.2
February 1993	.6	1.0	.2	.5	1.0	.2	1.1	.3	.4	.6	.2	.3
Texas												
March 1993	.6	.5	.1	.3	1.5	.3	.2	2.0	.7	.2	1.4	.7
February 1993	.4	2.4	.5	.6	1.8	.3	.2	3.7	.7	.2	2.1	.7
PAD District IV Average												
March 1993	.4	1.0	.2	.2	1.1	.1	.3	.9	.1	.5	1.7	.1
February 1993	.4	.9	.3	.2	1.2	.1	.4	1.6	.1	.4	1.6	.1
Colorado												
March 1993	.8	2.3	.5	.3	2.2	.2	.3	.6	.1	.9	3.2	.2
February 1993	.7	2.4	.2	.3	2.4	.2	.5	1.6	.1	.8	3.0	.2
Idaho												
March 1993	.8	1.2	.6	.6	1.0	.5	NA	NA	NA	.6	1.4	.2
February 1993	1.0	1.7	.8	.6	1.0	.6	NA	NA	NA	.8	1.5	.4
Montana												
March 1993	2.3	NA	.2	2.3	1.0	.1	NA	NA	-	3.0	1.7	.3
February 1993	2.1	.7	.5	1.8	1.0	.5	NA	NA	-	2.1	.8	.5
Utah												
March 1993	1.1	1.0	.2	.6	1.1	.1	.5	NA	.1	.5	1.4	.1
February 1993	.7	1.3	.3	.4	1.3	.2	.3	NA	.3	.4	1.8	.2
Wyoming												
March 1993	.9	1.4	.3	.7	1.0	.2	2.5	-	NA	1.2	1.3	.3
February 1993	.8	1.5	.1	.8	1.4	.2	2.1	-	NA	.3	2.9	.2
PAD District V Average												
March 1993	.5	1.2	.3	.4	1.4	.1	.4	2.3	.3	.2	2.2	.1
February 1993	.5	1.5	.2	.3	1.2	.1	.3	2.1	.3	.3	1.5	.1
Alaska												
March 1993	7.1	NA	1.8	NA	1.6	2.1	-	-	-	1.5	.5	.1
February 1993	.1	3.0	.6	NA	2.6	1.9	-	-	-	.8	2.2	.2
Arizona												
March 1993	.3	1.0	.2	.2	.9	.2	.9	NA	.5	.2	2.3	.2
February 1993	.3	2.4	.2	.4	1.7	.2	1.1	NA	.3	.2	1.0	.2
California												
March 1993	NA	NA	1.2	.5	2.7	.1	.4	2.7	.3	.3	2.8	.2
February 1993	NA	NA	2.1	.4	2.1	.1	.4	2.3	.4	.2	2.3	.2
Hawaii												
March 1993	-	-	-	.8	2.1	.1	.8	.5	.1	1.0	3.4	.1
February 1993	-	-	-	.7	2.4	.1	.7	.5	.1	1.0	2.9	.1
Nevada												
March 1993	5.1	NA	1.6	.9	2.3	.5	.4	.2	.7	.8	1.7	.6
February 1993	7.2	NA	2.9	1.0	1.5	.5	.5	.1	.7	1.0	2.0	.2
Oregon												
March 1993	.9	1.7	.5	.6	1.8	.5	NA	NA	NA	.7	1.6	.5
February 1993	1.1	2.0	.3	1.4	2.0	.3	NA	-	-	1.7	2.3	.3
Washington												
March 1993	.5	2.0	.5	.5	1.5	.5	NA	NA	.1	.3	6.0	.5
February 1993	.3	2.6	.3	.3	1.6	.3	NA	NA	NA	.5	1.8	.3

^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							
March 1993	0.5	0.5	1.0	0.3	0.5	0.7	0.1
February 1993	.6	.4	.8	.3	.5	.7	.1
PAD District I Average							
March 1993	.6	.4	.6	.6	.7	.8	.1
February 1993	.7	.4	.6	.7	.8	.8	.1
Subdistrict IA Average							
March 1993	.7	.7	.4	1.6	1.0	1.2	.1
February 1993	.7	.9	.4	1.6	.8	1.3	.1
Connecticut							
March 1993	1.2	1.1	.4	1.1	4.6	1.2	.2
February 1993	1.3	1.0	.5	1.1	4.2	1.2	.1
Maine							
March 1993	1.0	.4	.2	.1	.5	.8	.1
February 1993	.9	.5	.2	.1	.8	.6	.1
Massachusetts							
March 1993	1.1	1.0	1.3	.9	.6	2.9	.1
February 1993	1.2	1.4	1.7	1.0	1.1	3.0	.1
New Hampshire							
March 1993	.9	.8	1.9	1.0	2.5	.7	.1
February 1993	.9	1.1	2.0	.9	2.8	.9	.1
Rhode Island							
March 1993	2.1	1.8	1.0	1.1	.0	1.7	.1
February 1993	1.9	1.4	.7	1.2	.6	1.5	.1
Vermont							
March 1993	1.0	.6	.6	1.4	1.4	1.2	.1
February 1993	.8	.6	.3	1.2	1.4	1.2	.1
Subdistrict IB Average							
March 1993	.8	.7	1.3	.5	1.1	1.0	.1
February 1993	1.0	.6	1.2	.5	1.2	1.1	.1
Delaware							
March 1993	.6	.4	.8	.1	1.0	.8	.1
February 1993	.6	.4	1.1	.1	.8	.7	.1
District of Columbia							
March 1993	.5	.1	NA	NA	.0	.3	.1
February 1993	.3	.1	NA	NA	.0	.3	.0
Maryland							
March 1993	.6	.6	1.0	.5	1.0	.8	.1
February 1993	.6	.8	.4	.4	.9	1.0	.2
New Jersey							
March 1993	3.0	1.5	1.0	.4	NA	2.3	.1
February 1993	2.4	1.6	.9	.2	NA	2.1	.1
New York							
March 1993	.7	1.1	4.3	.9	1.1	1.4	.2
February 1993	1.2	.9	4.2	.8	1.3	1.8	.1
Pennsylvania							
March 1993	1.0	.9	1.6	.8	3.2	1.0	.1
February 1993	.9	.9	1.7	.8	3.5	.9	.1
Subdistrict IC Average							
March 1993	1.2	.4	.6	.5	.9	2.4	.1
February 1993	1.3	.3	.7	.5	1.1	2.7	.1
Virginia							
March 1993	1.6	.8	2.1	.9	1.4	1.4	.1
February 1993	1.2	.7	1.8	1.2	1.3	1.2	.1
West Virginia							
March 1993	1.3	.5	.8	.4	1.9	.5	.2
February 1993	2.2	.4	.7	.3	1.9	.6	.3
PAD District II Average							
March 1993	.4	.2	.8	.2	.6	.2	.1
February 1993	.5	.2	.8	.2	.6	.3	.1
Illinois							
March 1993	2.4	1.2	2.3	.4	1.1	.9	.1
February 1993	2.5	1.3	2.7	.4	1.3	1.0	.2

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							
March 1993	0.9	0.4	1.4	0.6	1.6	0.6	0.2
February 1993	.9	.4	1.1	.7	1.8	.7	.2
Michigan							
March 1993	1.3	.8	1.6	.8	2.2	.8	.2
February 1993	2.2	1.1	1.9	.7	2.3	.9	.3
Minnesota							
March 1993	1.3	.8	1.2	.9	1.1	.6	.2
February 1993	1.4	1.3	.8	.8	1.3	.7	.2
Ohio							
March 1993	.7	.6	1.2	.5	2.8	.5	.1
February 1993	.7	.7	1.1	.6	2.0	.5	.1
Wisconsin							
March 1993	.8	.9	1.2	.8	1.6	.6	.3
February 1993	1.0	1.0	1.1	.6	2.0	.8	.1
PAD District III Average							
March 1993	NA	.7	2.4	1.0	1.4	1.5	.1
February 1993	2.2	.6	1.7	.6	1.3	1.2	.1
PAD District IV Average							
March 1993	2.1	1.1	1.7	.8	1.0	.5	.1
February 1993	2.1	.8	2.1	.8	1.3	.5	.2
Idaho							
March 1993	2.7	1.1	.4	1.1	1.4	1.0	.4
February 1993	2.9	1.7	3.4	1.1	1.8	1.3	.3
PAD District V Average							
March 1993	2.2	.7	1.0	.8	1.3	.7	.2
February 1993	1.5	.7	1.6	1.0	1.3	.9	.4
Alaska							
March 1993	1.3	1.5	3.0	2.0	.6	1.1	1.4
February 1993	1.5	1.3	.6	1.3	.8	.9	3.2
Oregon							
March 1993	1.4	.9	1.5	1.6	2.8	.9	.2
February 1993	1.4	1.1	2.8	1.6	2.7	.8	.3
Washington							
March 1993	3.3	.7	1.1	1.2	1.1	2.3	.6
February 1993	2.1	1.1	1.6	.7	1.2	2.0	.5

^a Sales prices shown in Table 38.

^b No. 2 fuel oil only.

^c No. 2 diesel fuel only.

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 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						
March 1993	0.5	0.5	0.6	0.7	0.7	0.1
February 1993	.6	.4	.6	.9	.8	.1
PAD District I Average						
March 1993	.6	.6	.7	1.0	.8	.1
February 1993	.7	.5	.8	1.1	.8	.1
Subdistrict IA Average						
March 1993	.7	.9	.5	.4	1.1	.1
February 1993	.7	1.1	.5	.5	1.2	.1
Connecticut						
March 1993	1.2	1.4	.6	1.0	1.3	.2
February 1993	1.3	1.2	.6	1.6	1.3	.2
Maine						
March 1993	1.0	.3	.1	NA	.6	.1
February 1993	.9	.3	.2	NA	.6	.1
Massachusetts						
March 1993	1.1	1.3	1.8	.6	2.5	.1
February 1993	1.2	1.7	2.0	1.3	2.7	.1
New Hampshire						
March 1993	.9	.9	2.2	NA	.8	.1
February 1993	.9	1.3	2.1	NA	.9	.1
Rhode Island						
March 1993	2.1	2.5	2.4	NA	1.8	.1
February 1993	1.9	1.8	2.5	NA	1.6	.0
Vermont						
March 1993	1.0	.6	.3	2.1	1.1	.1
February 1993	.8	.6	.1	2.0	1.1	.1
Subdistrict IB Average						
March 1993	.8	.9	1.3	1.6	1.0	.1
February 1993	1.0	.8	1.3	1.8	1.1	.1
Delaware						
March 1993	.6	.4	.5	.0	.7	.1
February 1993	.6	.4	1.5	.1	.6	.1
District of Columbia						
March 1993	.5	.1	NA	NA	.3	.1
February 1993	.3	.1	NA	NA	.3	.0
Maryland						
March 1993	.6	.9	.1	.1	.8	.1
February 1993	.6	1.3	.5	.3	.8	.2
New Jersey						
March 1993	3.0	4.0	.9	NA	2.7	.1
February 1993	2.4	3.4	1.1	NA	2.3	.1
New York						
March 1993	.7	1.5	.2	2.8	1.3	.2
February 1993	1.2	1.3	.1	2.5	1.7	.1
Pennsylvania						
March 1993	1.0	1.4	2.8	4.7	1.1	.1
February 1993	.9	1.3	2.8	5.6	1.0	.1
Subdistrict IC Average						
March 1993	1.2	1.3	1.3	1.5	3.9	.1
February 1993	1.3	.7	1.5	1.4	4.0	.1
Virginia						
March 1993	1.6	1.1	2.3	2.3	1.6	.1
February 1993	1.2	1.2	2.3	.7	1.4	.1
West Virginia						
March 1993	1.3	.7	.9	.8	1.5	.1
February 1993	2.2	1.6	.5	.5	1.7	.1
PAD District II Average						
March 1993	.4	.5	.8	1.6	.3	.1
February 1993	.5	.6	.9	1.4	.4	.1
Illinois						
March 1993	2.4	1.3	.9	2.0	1.5	.1
February 1993	2.5	1.4	1.4	2.2	1.6	.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						
March 1993	0.9	0.7	0.8	1.5	1.0	0.1
February 1993	.9	.6	.8	1.6	.9	.1
Michigan						
March 1993	1.3	1.4	4.8	2.3	1.1	.3
February 1993	2.2	2.7	4.0	3.7	1.5	.4
Minnesota						
March 1993	1.3	1.7	1.2	1.7	1.0	.1
February 1993	1.4	.9	.8	.9	1.2	.1
Ohio						
March 1993	.7	1.6	1.6	.6	1.2	.1
February 1993	.7	1.6	1.9	1.6	1.1	.1
Wisconsin						
March 1993	.8	1.8	3.1	1.4	1.1	.5
February 1993	1.0	1.6	2.6	4.3	1.1	.2
PAD District III Average						
March 1993	NA	.1	.4	.1	.2	.1
February 1993	2.2	.1	1.1	.1	.4	.0
PAD District IV Average						
March 1993	2.1	.6	.1	.2	2.4	.1
February 1993	2.1	1.4	.2	4.6	2.1	.1
Idaho						
March 1993	2.7	NA	NA	NA	2.6	.1
February 1993	2.9	NA	NA	NA	2.8	.1
PAD District V Average						
March 1993	2.2	2.8	1.5	.7	2.2	.8
February 1993	1.5	2.4	2.5	.7	1.6	1.0
Alaska						
March 1993	1.3	3.0	NA	NA	1.3	1.9
February 1993	1.5	3.7	NA	NA	1.5	2.2
Oregon						
March 1993	1.4	2.3	NA	1.4	1.2	.1
February 1993	1.4	2.8	NA	NA	1.2	.2
Washington						
March 1993	3.3	1.0	.7	1.1	3.5	.3
February 1993	2.1	.1	.0	.1	2.2	.2

^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						
March 1993	1.2	0.4	1.5	0.8	1.3	0.5
February 1993	1.1	.6	1.5	.1	1.3	.3
PAD District I Average						
March 1993	1.3	.5	2.5	2.4	1.7	.7
February 1993	1.3	.8	2.6	.3	1.8	.7
Subdistrict IA Average						
March 1993	.5	.0	.2	.0	.5	.0
February 1993	1.3	.0	.3	.0	1.2	.0
Connecticut						
March 1993	.0	NA	NA	-	.0	NA
February 1993	.0	NA	NA	-	.0	NA
Maine						
March 1993	.0	NA	.0	.0	.0	NA
February 1993	.0	.0	.0	NA	.0	NA
Massachusetts						
March 1993	1.0	.0	.4	.0	1.0	.0
February 1993	1.9	.0	.6	.0	1.9	.0
New Hampshire						
March 1993	.0	-	.0	NA	.0	NA
February 1993	.0	-	.0	NA	.0	NA
Rhode Island						
March 1993	.5	.0	NA	-	.4	.0
February 1993	.4	.0	NA	NA	.4	.0
Subdistrict IB Average						
March 1993	1.8	.6	6.2	2.9	2.8	.7
February 1993	2.0	1.1	6.2	.7	3.0	1.0
Delaware						
March 1993	.1	NA	.0	-	.1	NA
February 1993	.1	-	.0	-	.1	-
Maryland						
March 1993	NA	.1	NA	NA	.0	NA
February 1993	.0	NA	.0	NA	.0	.1
New Jersey						
March 1993	.1	.6	.1	.0	.1	.7
February 1993	.1	.8	.0	.0	.1	.6
New York						
March 1993	2.5	.8	7.9	.5	3.7	.6
February 1993	2.8	1.4	7.2	1.8	3.8	1.4
Pennsylvania						
March 1993	1.2	.0	.1	.0	.8	.0
February 1993	1.0	.0	.1	NA	.8	.0
Subdistrict IC Average						
March 1993	1.3	NA	.2	1.4	.3	1.5
February 1993	.1	NA	.1	.0	.1	.0
Florida						
March 1993	1.2	NA	.3	NA	.5	NA
February 1993	.0	NA	.0	NA	.0	NA
Georgia						
March 1993	NA	-	1.0	-	1.0	-
February 1993	-	-	1.1	-	1.1	-
North Carolina						
March 1993	.1	-	.1	NA	.1	NA
February 1993	NA	-	.3	NA	.2	NA
South Carolina						
March 1993	NA	-	NA	-	NA	-
February 1993	NA	-	NA	-	NA	-
Virginia						
March 1993	1.3	NA	.3	NA	.2	NA
February 1993	1.4	-	.3	NA	.3	NA
PAD District II Average						
March 1993	.2	.0	.0	.0	.3	.0
February 1993	.2	.0	.0	.0	.2	.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						
March 1993	2.5	NA	NA	NA	1.0	NA
February 1993	1.6	NA	NA	NA	1.5	NA
Indiana						
March 1993	.0	NA	NA	NA	.0	NA
February 1993	.0	NA	NA	NA	.0	NA
Michigan						
March 1993	.4	NA	NA	NA	.1	0.0
February 1993	.5	NA	0.0	NA	.4	.0
Minnesota						
March 1993	NA	-	.0	NA	.0	NA
February 1993	NA	NA	.0	NA	.0	NA
Ohio						
March 1993	NA	NA	.0	NA	.0	NA
February 1993	NA	NA	.0	NA	.0	NA
PAD District III Average						
March 1993	NA	0.0	.1	0.1	.2	.1
February 1993	NA	.0	.1	.0	.1	.0
Alabama						
March 1993	-	NA	.9	NA	.9	NA
February 1993	-	NA	.0	NA	.0	NA
Louisiana						
March 1993	NA	NA	.1	.1	.4	.1
February 1993	NA	NA	.1	.0	.1	.0
Mississippi						
March 1993	-	-	NA	NA	NA	NA
February 1993	-	-	NA	-	NA	-
Texas						
March 1993	-	.0	.1	.1	.1	.1
February 1993	-	.0	.0	.0	.0	.0
PAD District IV Average						
March 1993	NA	.0	.1	.0	.5	.0
February 1993	NA	.0	.3	.0	.1	.0
PAD District V Average						
March 1993	.1	.5	.1	.2	.1	.2
February 1993	.1	NA	.0	.0	.1	.0
California						
March 1993	NA	.5	.1	.4	.1	.3
February 1993	NA	NA	.0	.0	.0	.0
Hawaii						
March 1993	NA	-	.0	NA	.0	NA
February 1993	NA	-	.0	NA	.0	NA
Oregon						
March 1993	NA	-	.0	.0	.1	.0
February 1993	NA	-	.0	.0	.1	.0
Washington						
March 1993	-	-	.0	NA	.0	NA
February 1993	-	-	.0	.0	.0	.0

^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	
	March 1993	February 1993	March 1993	February 1993	March 1993	February 1993
U.S. Average	98.8	99.1	91.2	93.3	99.8	99.6
PAD District I Average	99.0	99.6	92.0	94.2	99.6	99.4
Subdistrict IA Average	99.1	99.1	92.9	93.2	100.0	99.6
Connecticut	95.8	100.0	93.2	94.4	100.0	97.7
Maine	100.0	100.0	92.4	93.9	100.0	100.0
Massachusetts	100.0	95.4	91.4	90.6	100.0	100.0
New Hampshire	100.0	100.0	93.5	92.4	100.0	100.0
Rhode Island	100.0	100.0	93.0	94.5	100.0	100.0
Vermont	100.0	100.0	95.2	95.2	100.0	100.0
Subdistrict IB Average	98.1	99.4	91.7	93.7	99.3	99.3
Delaware	100.0	100.0	98.1	98.1	100.0	100.0
District of Columbia	100.0	100.0	92.6	100.0	100.0	100.0
Maryland	100.0	100.0	95.0	94.9	100.0	97.8
New Jersey	93.3	96.9	86.9	91.3	98.3	98.2
New York	100.0	100.0	91.0	90.9	100.0	100.0
Pennsylvania	97.3	100.0	90.6	94.2	98.3	100.0
Subdistrict IC Average	99.5	100.0	91.5	95.6	99.7	99.3
Florida	100.0	100.0	92.3	96.6	100.0	100.0
Georgia	100.0	100.0	92.3	96.1	98.1	98.0
North Carolina	100.0	100.0	92.6	95.6	100.0	100.0
South Carolina	100.0	100.0	87.6	93.9	100.0	100.0
Virginia	97.6	100.0	90.6	95.8	100.0	100.0
West Virginia	100.0	100.0	93.8	95.4	100.0	97.6
PAD District II Average	98.8	99.0	91.8	93.4	100.0	99.9
Illinois	100.0	97.3	94.2	96.4	100.0	98.2
Indiana	100.0	100.0	94.4	98.1	100.0	100.0
Iowa	96.9	100.0	95.1	96.2	100.0	100.0
Kansas	97.8	97.7	92.4	91.2	100.0	100.0
Kentucky	100.0	100.0	90.9	94.9	100.0	100.0
Michigan	96.5	96.9	92.4	92.3	100.0	100.0
Minnesota	100.0	100.0	91.8	91.0	100.0	100.0
Missouri	97.3	100.0	86.7	89.7	100.0	100.0
Nebraska	100.0	100.0	92.7	95.1	100.0	100.0
North Dakota	96.5	100.0	90.0	90.0	100.0	100.0
Ohio	100.0	97.3	91.1	93.3	100.0	100.0
Oklahoma	97.7	100.0	93.0	91.5	100.0	100.0
South Dakota	100.0	100.0	90.0	92.7	100.0	100.0
Tennessee	100.0	100.0	90.0	92.5	100.0	100.0
Wisconsin	100.0	96.8	89.5	94.2	100.0	100.0
PAD District III Average	99.3	98.5	89.9	92.7	100.0	99.7
Alabama	100.0	100.0	91.6	92.7	100.0	100.0
Arkansas	100.0	100.0	90.5	91.9	100.0	100.0
Louisiana	100.0	96.1	87.0	90.9	100.0	100.0
Mississippi	97.7	97.7	89.1	93.9	100.0	98.0
New Mexico	100.0	100.0	89.6	93.9	100.0	100.0
Texas	98.6	98.6	91.2	93.3	100.0	100.0
PAD District IV Average	100.0	99.2	88.2	89.2	99.3	99.3
Colorado	100.0	100.0	92.4	95.4	97.8	100.0
Idaho	100.0	100.0	89.3	89.3	100.0	95.6
Montana	100.0	100.0	84.9	90.4	100.0	100.0
Utah	100.0	100.0	82.7	82.3	100.0	100.0
Wyoming	100.0	96.4	90.4	86.8	100.0	100.0
PAD District V Average	96.8	98.7	89.6	92.2	99.5	99.5
Alaska	100.0	100.0	81.5	88.9	100.0	94.4
Arizona	100.0	100.0	97.7	97.7	100.0	100.0
California	97.4	94.9	90.2	92.6	100.0	100.0
Hawaii	100.0	100.0	83.3	100.0	100.0	100.0
Nevada	95.8	100.0	86.1	86.1	100.0	100.0
Oregon	90.9	100.0	93.3	90.2	96.5	100.0
Washington	95.2	100.0	86.1	93.8	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

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

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 $\hat{Q}_t$, $Q_{i,t}$, $Q_{i,t}$, 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	30.5	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 ¹	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.

END

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