1 of 2

Petroleum Marketing Monthly

March 1994

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MASTER

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- ***Weekly Petroleum Status Report***
Updated on Wednesdays (Thursdays in the event of a holiday) at 9:00 a.m.
- ***Petroleum Supply Monthly***
Updated on the 20th of the month.
- ***Petroleum Marketing Monthly***
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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

World market prices for crude oil bottomed out, at least temporarily, in December 1993, after declining since early March. Despite a continuing surplus of worldwide crude oil production compared to demand, the Organization of Petroleum Exporting Countries (OPEC) was unable to reach agreement either internally or with other producing nations to control output and stabilize prices. However, the arrival of winter weather in the United States and Europe, along with the typical slowing of market activity at year-end, appeared to arrest the deterioration of prices after multi-year lows were reached in mid-December.

In the United States, crude oil prices fell during the first half of the month and remained near their low point for the remainder. The daily spot market price of West Texas Intermediate (WTI) crude oil at

Cushing, Oklahoma, dropped below \$14 per barrel for the first time since 1988, closing at \$13.98 per barrel on December 17. The WTI spot price ended the month at \$14.19, down \$1.17 per barrel from the end of November. The monthly average composite refiner acquisition cost of crude oil in the United States plunged \$2.00 (13.8 percent) in December, to \$12.51 per barrel.

Petroleum product price movements on U.S. markets were somewhat varied in December, although all major products showed a decline. The daily spot price for unleaded regular gasoline in New York Harbor fell sharply to a low of 35.1 cents per gallon on December 13, before recovering to end the month at 38.5 cents, 1.1 cents below the end of November. The New York Harbor spot price for No. 2 heating oil declined to 41.9 cents per gallon on December 13, then climbed to close at 44.3 cents, down 1.8 cents for the month. Led by a seasonal increase in distillate volume, total

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					
	December 1993		November 1993		December 1992		December 1993		November 1993		December 1992	
	Price	Volume	Price	Volume	Price	Volume	Price	Volume	Price	Volume	Price	Volume
Motor Gasoline	68.1	55.9	72.6	55.9	78.5	59.3	50.1	281.9	56.8	272.8	63.8	275.8
Leaded Regular	-	-	-	-	81.0	.6	-	-	-	-	65.2	3.1
Unleaded Regular	63.1	36.2	67.8	36.4	73.8	38.5	46.4	194.6	53.4	188.7	60.0	189.5
Unleaded Midgrade	72.2	8.8	76.9	8.9	82.4	9.3	54.9	28.8	60.7	28.6	68.2	28.7
Premium	81.6	10.9	85.7	10.6	91.8	10.8	60.0	58.5	66.4	55.6	74.4	54.5
Aviation Gasoline	91.2	.2	95.7	.2	101.3	.2	86.8	.5	92.7	.5	97.6	.4
Kerosene-Type Jet Fuel	51.2	43.8	59.6	43.4	58.9	38.9	51.1	9.5	58.6	10.0	58.9	8.2
Propane (Consumer Grade)	64.3	5.1	57.9	5.8	68.4	5.9	30.9	34.5	33.6	32.3	36.3	37.9
Kerosene	72.6	.4	79.4	.2	84.0	.3	53.4	5.0	62.4	3.2	62.8	4.2
No. 1 Distillate	62.2	.6	74.8	.4	66.6	.9	56.8	4.4	69.8	3.9	63.7	6.0
No. 2 Distillate	52.9	24.5	62.6	23.7	61.2	24.3	46.1	123.6	57.2	103.9	56.0	114.4
No. 2 Fuel Oil	55.9	3.4	61.5	2.9	63.6	3.6	45.0	49.1	53.5	36.4	55.7	63.6
No. 2 Diesel Fuel	52.4	21.1	62.7	20.9	60.8	20.7	46.8	74.4	59.1	67.6	56.4	50.8
No. 4 Fuel^a	46.4	.9	49.1	.7	53.7	.9	43.6	.6	45.2	.4	51.6	.8
Residual Fuel Oil	29.2	15.5	29.9	12.9	36.2	22.2	24.5	11.6	26.7	11.2	30.6	14.0
Sulfur Content not > 1 %	35.6	5.4	38.7	3.2	40.2	9.0	27.4	5.9	31.0	4.8	35.9	4.5
Sulfur Content > 1 %	25.8	10.1	27.0	9.7	33.4	13.3	21.4	5.7	23.6	6.4	28.1	9.5

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

Dashes (-) = No data reported.

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."

refiner sales of the major petroleum products increased 37.0 million gallons per day (6.4 percent) from November.

December 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 December dropped \$1.32 (10.3 percent) to \$11.55 per barrel. The average landed cost of foreign crude oil fell \$1.60 (11.6 percent) to \$12.21 per barrel. Domestic crude oil first purchase prices decreased \$2.26 (17.9 percent) to \$10.39 per barrel.

The average refiner acquisition cost of domestic crude oil in December was \$12.45 per barrel, a \$2.54 decrease (16.9 percent) from November. The average cost of imported crude oil to U.S. refiners dropped \$1.49 (10.6 percent) to \$12.56 per barrel.

Motor Gasoline

Total refiner sales of finished motor gasoline in December increased 9.1 million gallons per day (2.8 percent) from November levels, to 337.8 million gallons per day. Wholesale sales rose 9.1 million gallons per day (3.3 percent), while retail sales remained flat at 55.9 million gallons per day.

Average refiner prices for motor gasoline dropped 4.5 cents to 68.1 cents per gallon at the retail level, and 6.7 cents to 50.1 cents per gallon at the wholesale level. Including data reported by the sample of motor gasoline marketers, national average retail prices fell 4.6 cents to 67.9 cents per gallon at company-operated re-

tail outlets, and decreased 5.5 cents to 60.6 cents per gallon for sales to other end users. Average wholesale prices dropped 6.6 cents to 50.5 cents per gallon.

No. 2 Distillate

Total refiner sales of No. 2 distillate rose 26.4 million gallons per day (21.7 percent) to 148.1 million gallons per day. No. 2 fuel oil sales climbed 13.3 million gallons per day (33.9 percent), while No. 2 diesel fuel sales dropped 7.2 million gallons per day (7.5 percent).

Average retail prices fell across the board during December. The national average residential price decreased 2.1 cents to 86.5 cents per gallon. The average wholesale price dropped 10.2 cents to 47.4 cents per gallon.

Residual Fuel Oil

Total refiner sales of residual fuel oil rose 2.9 million gallons per day (12.0 percent) to 27.1 million gallons per day. Low-sulfur residual fuel sales increased 3.3 million gallons per day (41.3 percent), while high-sulfur sales fell 400,000 gallons per day (2.5 percent).

Residual fuel oil prices fell in all categories in December. Refiner retail prices of low-sulfur residual fuel fell 3.1 cents to 35.6 cents per gallon, and prices for high-sulfur product fell 1.2 cents to 25.8 cents per gallon. Residual fuel wholesale prices for sales by refiners fell 3.6 cents per gallon and 2.2 cents per gallon, respectively, for low-sulfur and high-sulfur residual fuel. Including data reported by the sample of residual fuel oil marketers, average retail prices fell 2.8 cents per gallon for low-sulfur and 1.5 cents per gallon for high-sulfur. The average wholesale price fell 1.3 cents per gallon for low-sulfur residual, and 3.1 cents for high-sulfur.

Leaded Gasoline Data No Longer Published

As a result of the Clean Air Act Amendments of 1990, significant changes are occurring in petroleum product markets. Beginning in 1992 and phased in through 1996, product specifications for gasoline and diesel fuel are being modified to reduce their contributions to atmospheric pollution. In response to these changes, the *Petroleum Marketing Monthly* will undergo a major revision effective with data for January 1994. At that time, a feature article will thoroughly explain the changes to the products and this publication.

Prior to the overall revision of the *Petroleum Marketing Monthly*, changes in the collection of leaded gasoline data will impact certain tables. Effective with October 1993 data (published in January 1994), sales prices and volumes for leaded gasoline are no longer separately collected on the EIA-782 surveys and published in the *Petroleum Marketing Monthly*. However, the treatment of leaded gasoline differs by survey within the EIA-782 series. On the Form EIA-782A, *Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report*, and the Form EIA-782B, *Resellers'/Retailers' Monthly Petroleum Product Sales Report*, respondents have been asked not to include leaded gasoline in the reported data. On the Form EIA-782C, *Monthly Report of Prime Supplier Sales of Petroleum Products Sold for Local Consumption*, in order to maintain continuity of consumption volumes, respondents have been asked to include leaded gasoline under the appropriate grade.

The tables affected by these changes are as follows:

- EIA-782A/B (leaded gasoline no longer included): Tables HL1, 2-14, 28-31, 42-43, and 50-51
- EIA-782C (leaded gasoline included under appropriate grade): Table 47

**Summary
Statistics**

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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	13.99	14.32	15.28	16.80	16.10	16.50
February	14.04	14.68	15.60	16.54	16.00	16.30
March	14.12	14.96	16.00	16.71	16.36	16.56
April	15.36	16.57	17.40	17.88	17.37	17.66
May	16.38	17.56	18.38	18.86	18.79	18.83
June	17.96	18.38	19.44	20.13	19.83	19.99
July	17.80	18.01	19.13	20.42	19.74	20.10
August	17.07	17.65	18.74	19.84	19.25	19.56
September	17.20	18.04	18.90	19.88	19.26	19.59
October	17.16	17.68	18.75	19.64	19.34	19.49
November	16.00	16.49	17.64	18.90	18.40	18.66
December	14.94	15.62	16.58	17.85	16.94	17.43
1992 Average	15.99	16.77	17.75	18.63	18.20	18.43
1993						
January	14.64	15.24	16.34	17.40	16.78	17.10
February	15.47	16.09	17.12	17.84	17.41	17.64
March	15.88	16.61	17.56	18.31	17.82	18.08
April	16.08	16.39	17.58	18.49	18.35	18.42
May	15.97	16.27	17.35	18.43	17.89	18.16
June	15.00	15.12	16.31	17.70	16.80	17.26
July	13.78	14.23	15.44	16.36	15.82	16.10
August	13.69	14.21	15.26	16.03	15.62	15.84
September	13.39	14.19	15.00	15.82	15.32	15.59
October	13.87	14.21	15.07	16.04	15.59	15.81
November	12.65	12.87	13.81	14.99	14.05	14.51
December	10.39	11.55	12.21	12.45	12.56	12.51
1993 Average	14.24	14.77	15.76	16.66	16.14	16.41

^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	71.9	98.5	54.2	71.3	83.3	60.6	59.7	55.5	56.2	50.6	28.8
February	70.8	98.5	56.5	NA	78.3	63.1	62.0	57.1	57.7	49.6	27.7
March	71.6	98.0	55.5	66.4	80.2	63.2	61.4	56.8	57.4	51.8	27.7
April	75.2	99.1	57.3	70.3	78.3	65.3	60.6	59.2	59.4	49.7	29.6
May	80.8	102.4	61.0	62.5	73.3	67.4	60.9	62.1	62.0	51.7	33.4
June	84.5	106.4	63.9	54.5	68.7	69.3	62.9	64.9	64.7	52.5	34.5
July	83.5	106.8	64.9	52.3	70.5	68.9	62.8	64.5	64.3	51.9	36.7
August	82.3	105.7	64.2	55.8	69.0	68.2	62.3	63.4	63.3	55.3	38.8
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	104.3	66.4	59.9	87.2	75.1	68.2	67.8	67.8	57.9	39.2
November	81.5	103.4	62.7	61.1	83.3	72.0	64.3	64.5	64.5	56.3	39.4
December	78.5	101.3	58.9	68.4	84.0	66.6	63.6	60.8	61.2	53.7	36.2
1992 Average	78.4	102.7	61.0	66.2	78.6	66.5	62.7	61.8	61.9	52.6	33.8
1993											
January	76.9	100.3	58.5	74.8	82.4	64.4	62.7	59.0	59.6	52.4	35.3
February	76.1	99.9	59.8	74.3	81.3	66.5	64.6	60.6	61.2	52.4	34.4
March	75.7	99.4	60.6	75.4	83.2	69.2	66.2	62.9	63.3	54.5	35.6
April	77.8	100.7	59.7	69.4	77.0	66.9	61.9	62.5	62.4	54.8	36.3
May	80.1	102.2	59.9	67.3	68.8	65.8	59.8	62.3	62.0	52.3	36.8
June	79.8	102.5	58.7	63.9	65.3	64.0	57.9	60.5	60.2	50.2	34.7
July	77.6	99.7	55.3	62.2	61.4	61.5	54.1	56.9	56.6	45.4	33.2
August	76.2	98.8	54.6	63.1	61.9	58.9	54.6	56.2	56.0	46.3	31.9
September	74.9	98.2	56.9	62.8	66.5	65.2	57.3	60.4	60.1	46.0	31.5
October	75.4	98.0	61.4	55.1	75.5	76.4	63.4	67.0	66.6	49.6	32.0
November	72.6	95.7	59.6	57.9	79.4	74.8	61.5	62.7	62.6	49.1	29.9
December	68.1	91.2	51.2	64.3	72.6	62.2	55.9	52.4	52.9	46.4	29.2
1993 Average	76.0	99.0	57.9	66.0	75.4	66.4	60.2	60.3	60.3	50.2	33.6

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

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," 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*	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	56.4	.2	36.8	4.7	.3	.9	4.1	20.7	24.8	1.0	28.4
February	58.3	.2	37.9	4.5	.3	.7	3.4	20.6	23.9	.8	27.9
March	59.6	.2	38.5	3.8	.2	.5	3.3	21.9	25.2	.8	26.2
April	60.0	.2	39.3	2.7	.1	.3	3.2	22.4	25.6	.5	22.8
May	59.6	.2	39.1	2.1	.1	.2	2.8	21.3	24.1	.4	19.5
June	60.4	.2	41.3	2.7	.1	.2	2.9	22.1	25.0	.2	21.5
July	60.4	.2	42.0	3.2	.1	.3	2.8	22.0	24.8	.5	21.0
August	59.1	.2	42.1	3.1	.1	.2	2.6	21.6	24.2	.3	18.9
September	58.6	.2	41.3	3.4	.2	.3	2.7	22.4	25.1	.4	20.0
October	59.0	.2	40.3	4.3	.2	.4	3.0	22.0	25.1	.5	19.7
November	56.9	.2	40.1	5.4	.2	.6	2.8	20.6	23.3	.5	20.7
December	59.3	.2	38.9	5.9	.3	.9	3.6	20.7	24.3	.9	22.2
1992 Average	59.0	.2	39.8	3.7	.2	.5	3.1	21.5	24.6	.6	21.6
1993											
January	53.8	.1	39.2	4.9	.3	.8	3.4	19.7	23.2	.8	20.6
February	57.3	.2	39.2	5.2	.3	.9	3.7	20.5	24.2	.9	21.6
March	57.6	.2	40.8	4.4	.2	.6	3.4	21.1	24.5	.8	19.4
April	58.1	.2	40.7	3.1	.1	.3	3.0	21.3	24.3	.5	20.2
May	57.6	.2	41.5	2.0	.1	.2	2.4	19.9	22.3	.4	15.2
June	60.5	.2	42.1	2.3	.1	.3	2.9	21.2	24.1	.4	17.1
July	58.8	.2	43.1	2.1	.1	.3	2.6	20.6	23.2	.5	15.1
August	58.5	.2	42.6	2.5	.1	.2	2.6	20.9	23.5	.4	16.0
September	57.5	.2	42.8	2.8	.2	.3	2.8	20.7	23.5	.5	16.4
October	55.4	.2	42.2	4.7	.2	.3	2.5	21.5	24.0	.6	13.6
November	55.9	.2	43.4	5.8	.2	.4	2.9	20.9	23.7	.7	12.9
December	55.9	.2	43.8	5.1	.4	.6	3.4	21.1	24.5	.9	15.5
1993 Average	57.2	.2	41.8	3.7	.2	.4	3.0	20.8	23.7	.6	16.9

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

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

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

Figure 3. U.S. Refiner Retail Product Volumes

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

Year Month	Motor Gasoline	Aviation Gasoline	Kerosene- Type Jet Fuel	Propane (Consumer Grade)	Kerosene	No. 1 Distillate	No. 2 Distillate			No. 4 Fuel*	Residual Fuel Oil
							No. 2 Fuel Oil	No. 2 Diesel Fuel	Average		
1978 Average	43.4	53.7	38.6	23.7	40.4	40.6	36.9	36.5	36.7	30.5	26.3
1979 Average	63.7	72.1	66.0	29.1	62.4	58.3	56.9	57.4	57.1	47.0	39.9
1980 Average	94.1	112.8	86.8	41.5	86.4	88.0	80.3	80.1	80.2	67.0	52.8
1981 Average	106.4	125.0	101.2	46.6	106.6	107.1	97.6	97.2	97.4	78.3	66.3
1982 Average	97.3	122.8	95.3	42.7	101.8	103.8	91.4	91.4	91.4	73.7	61.2
1983 Average	88.2	117.8	85.4	48.4	89.2	89.6	81.5	80.8	81.2	72.6	60.9
1984 Average	83.2	116.5	83.0	45.0	91.6	89.2	82.1	80.3	81.3	70.7	65.4
1985 Average	83.5	113.0	79.4	39.8	87.4	86.3	77.6	77.2	77.4	67.2	57.7
1986 Average	53.1	91.2	49.5	29.0	60.6	57.9	48.6	45.2	47.0	40.9	30.5
1987 Average	58.9	85.9	53.8	25.2	59.2	59.9	52.7	53.4	53.1	46.2	38.5
1988 Average	57.7	85.0	49.5	24.0	54.9	54.9	47.3	47.3	47.3	42.5	30.0
1989 Average	65.4	95.0	58.3	24.7	66.9	66.8	56.5	56.7	56.6	48.0	38.0
1990 Average	78.6	106.3	77.3	38.6	83.9	83.8	69.7	69.4	69.5	59.0	41.3
1991											
January	76.2	111.2	82.0	42.2	88.0	85.7	76.6	75.5	76.1	71.6	50.2
February	68.0	104.2	74.0	31.6	76.1	74.7	67.9	67.4	67.7	60.1	33.4
March	67.3	97.4	62.4	31.3	66.2	66.0	59.6	57.7	58.6	52.9	28.2
April	70.7	97.8	58.9	31.8	63.0	65.4	57.2	57.4	57.3	50.3	28.7
May	74.2	100.3	60.8	31.9	61.4	63.3	56.0	57.2	56.7	47.0	30.3
June	70.5	99.5	58.8	29.3	59.0	58.9	54.0	54.5	54.3	45.3	29.7
July	69.1	98.9	59.4	27.6	62.6	62.4	56.7	57.1	56.9	46.8	28.8
August	72.7	100.2	63.3	29.6	67.1	67.8	60.6	61.9	61.3	49.5	27.9
September	69.1	99.9	65.9	34.9	68.9	69.6	62.1	62.9	62.5	46.6	27.9
October	68.8	98.8	67.1	40.2	73.5	73.6	66.3	65.6	65.9	50.8	29.5
November	69.9	99.5	68.2	43.0	74.6	75.6	66.6	66.5	66.6	54.4	30.7
December	62.9	97.3	60.1	37.7	62.6	64.7	55.9	55.6	55.7	53.4	28.9
1991 Average	69.9	100.1	65.0	34.9	72.2	73.0	62.2	61.5	61.8	55.6	31.4
1992											
January	60.0	94.9	53.9	30.9	59.9	58.4	51.9	51.4	51.7	49.5	24.4
February	61.7	93.1	55.2	30.2	62.0	62.1	54.0	54.1	54.0	48.2	25.6
March	62.7	92.5	54.6	29.5	59.1	62.3	53.7	54.0	53.9	46.5	24.6
April	66.6	96.4	56.9	29.0	61.6	64.3	56.5	57.0	56.8	46.5	27.4
May	71.5	100.5	60.8	29.4	62.1	66.6	58.8	60.1	59.5	48.4	30.2
June	74.2	101.5	63.3	31.6	63.7	69.3	61.7	62.7	62.2	49.5	32.5
July	71.0	102.0	64.8	31.5	65.7	68.8	61.3	61.8	61.6	49.5	34.7
August	70.6	102.6	63.9	32.9	64.2	68.0	60.1	60.4	60.3	49.1	34.7
September	71.0	102.3	64.3	35.4	68.8	71.4	62.7	63.3	63.0	50.1	34.8
October	70.4	100.5	66.0	36.6	70.1	73.6	64.6	65.5	65.1	52.7	37.4
November	68.1	99.7	61.5	36.2	64.5	68.7	58.8	60.4	59.6	52.2	35.9
December	63.8	97.6	58.9	36.3	62.8	63.7	55.7	56.4	56.0	51.6	30.6
1992 Average	67.7	99.1	60.4	32.8	63.2	65.1	57.9	59.0	58.5	49.5	30.7
1993											
January	63.8	96.9	57.7	40.2	61.4	63.2	54.4	54.9	54.6	50.3	31.2
February	63.8	96.5	60.5	36.7	63.7	65.7	56.9	57.4	57.1	49.3	31.1
March	65.2	97.4	60.3	38.2	65.4	67.4	59.0	60.0	59.5	53.8	32.9
April	67.7	97.7	59.9	36.2	60.8	65.4	57.5	59.9	58.7	52.4	33.6
May	69.2	99.4	60.1	34.0	58.3	66.5	56.9	59.6	58.4	51.3	31.0
June	66.2	99.1	58.4	33.8	56.9	63.0	54.9	57.2	56.2	46.9	30.0
July	62.7	97.9	55.1	33.3	53.6	59.0	51.0	53.1	52.2	45.4	27.4
August	62.9	96.9	55.2	33.3	55.6	57.9	51.0	53.2	52.2	46.7	26.9
September	61.5	96.3	56.8	34.1	58.8	66.1	54.8	58.8	57.3	47.5	26.8
October	61.7	94.8	60.7	34.7	65.6	75.7	58.9	66.0	63.8	45.2	28.7
November	56.8	92.7	58.6	33.6	62.4	69.8	53.5	59.1	57.2	45.2	26.7
December	50.1	86.8	51.1	30.9	53.4	56.8	45.0	46.8	46.1	43.6	24.5
1993 Average	62.5	96.4	57.7	35.1	60.3	64.6	54.5	57.1	55.9	48.8	29.3

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

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

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

Figure 4. U.S. Refiner Wholesale Product Prices

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

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

Year Month	Motor Gasoline	Aviation Gasoline	Kerosene- Type Jet Fuel	Propane (Consumer Grade)	Kerosene	No. 1 Distillate	No. 2 Distillate			No. 4 Fuel ^a	Residual Fuel Oil
							No. 2 Fuel Oil	No. 2 Diesel Fuel	Total		
1983 Average	242.5	0.7	5.4	26.0	2.5	2.4	47.3	38.1	85.5	0.9	20.2
1984 Average	246.3	.8	6.6	26.7	2.2	2.6	51.4	42.8	94.2	1.7	21.3
1985 Average	256.9	.7	7.6	29.2	2.4	2.7	53.9	43.3	97.3	1.2	19.9
1986 Average	257.2	.7	10.1	26.3	2.4	2.4	54.5	46.6	101.1	1.2	18.7
1987 Average	257.2	.8	10.1	27.0	2.3	2.0	49.3	44.3	93.6	1.5	16.9
1988 Average	263.7	.7	10.0	27.7	2.7	2.6	50.1	47.8	97.9	1.2	18.9
1989 Average	260.7	.7	8.6	25.9	2.7	2.7	46.7	50.7	97.5	1.2	21.0
1990 Average	264.8	.7	8.8	25.5	2.2	2.4	45.9	51.9	97.8	.8	17.9
1991											
January	239.9	.5	8.9	33.8	4.4	5.8	61.9	50.3	112.2	.9	19.8
February	244.6	.5	9.7	30.9	3.3	3.2	55.1	47.5	102.6	.7	19.8
March	255.9	.6	8.4	24.8	2.0	1.7	49.3	52.3	101.7	.6	15.4
April	274.3	.7	8.7	21.8	.9	.9	43.8	52.3	96.1	.5	19.5
May	273.6	.8	7.5	19.1	.6	.7	40.4	52.2	92.6	.2	20.4
June	268.4	.9	9.3	19.9	.7	.8	41.8	53.3	95.1	.2	18.9
July	274.1	.9	9.8	23.6	.8	.8	42.7	52.0	94.8	.2	13.0
August	271.4	.9	9.2	23.2	1.0	1.0	42.2	52.8	95.0	.2	18.4
September	257.6	.8	8.2	24.0	1.7	1.5	40.7	52.5	93.2	.3	18.5
October	258.2	.7	7.8	26.2	2.2	2.8	46.5	56.6	103.1	.4	14.4
November	253.7	.5	8.1	27.5	3.2	4.8	43.5	47.0	90.5	.5	15.7
December	262.8	.5	9.0	30.1	3.9	4.5	54.5	48.3	102.8	.6	19.9
1991 Average	261.3	.7	8.7	25.4	2.1	2.4	46.9	51.5	98.3	.4	17.8
1992											
January	249.5	.5	7.4	33.9	4.6	4.6	61.7	47.9	109.6	.8	16.8
February	252.8	.5	8.7	28.4	3.4	3.0	56.4	45.7	102.1	.7	13.6
March	259.5	.7	7.6	24.1	2.4	1.7	50.4	49.4	99.8	.7	16.7
April	271.5	.6	7.7	21.6	1.2	.9	47.4	53.4	100.9	.4	17.9
May	269.5	.8	7.2	19.6	.8	.6	39.5	50.8	90.3	.3	17.1
June	271.7	.8	8.5	20.7	.9	.6	41.9	50.4	92.4	.1	16.2
July	272.8	.9	7.9	22.9	.6	.7	37.6	52.7	90.3	.2	15.6
August	265.8	.8	7.7	24.2	1.1	1.1	39.2	50.8	90.0	.2	12.6
September	268.3	.7	7.9	25.6	1.8	1.9	52.8	52.6	105.4	.2	14.3
October	266.6	.6	9.1	27.4	2.6	2.4	45.5	55.8	101.3	.5	13.1
November	260.9	.5	8.7	33.4	2.9	4.0	50.8	48.9	99.6	.5	14.3
December	275.8	.4	8.2	37.9	4.2	6.0	63.6	50.8	114.4	.8	14.0
1992 Average	265.7	.7	8.0	26.7	2.3	2.3	49.1	51.0	100.1	.4	16.0
1993											
January	245.4	.4	9.2	34.2	3.8	5.3	54.2	47.3	101.5	.6	10.1
February	260.3	.5	7.5	35.1	4.3	4.5	57.1	48.9	105.9	.7	14.2
March	263.0	.6	8.6	30.3	3.3	2.5	56.0	51.1	107.1	.8	13.2
April	268.6	.6	7.4	21.8	1.3	.9	47.1	51.9	99.0	.4	12.1
May	264.0	.7	7.2	19.0	.9	.6	40.1	50.7	90.8	.2	13.8
June	276.3	.8	7.2	23.3	.8	.7	42.3	52.4	94.6	.2	11.2
July	277.0	.8	7.7	21.5	.8	.6	39.5	53.3	92.8	.1	10.6
August	274.3	.8	8.0	24.9	1.1	1.0	43.1	56.1	99.2	.1	10.9
September	267.3	.7	8.0	27.3	1.9	1.4	39.5	61.7	101.3	.1	12.5
October	263.9	.6	7.6	28.4	2.2	1.7	31.8	69.6	101.3	.4	14.0
November	272.8	.5	10.0	32.3	3.2	3.9	36.4	67.6	103.9	.4	11.2
December	281.9	.5	9.5	34.5	5.0	4.4	49.1	74.4	123.6	.6	11.6
1993 Average	267.9	.6	8.2	27.7	2.4	2.3	44.6	57.1	101.7	.4	12.1

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

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

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

Figure 5. U.S. Refiner Wholesale Product Volumes

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

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

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

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

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

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

Product	Major Refiners			Other Refiners			Average		
	Dec. 1993	Nov. 1993	Dec. 1992	Dec. 1993	Nov. 1993	Dec. 1992	Dec. 1993	Nov. 1993	Dec. 1992
Motor Gasoline	68.6	73.0	79.3	66.7	71.6	76.2	68.1	72.6	78.5
Leaded Regular	-	-	78.5	-	-	86.9	-	-	81.0
Unleaded Regular	62.9	67.5	74.1	63.6	68.6	73.2	63.1	67.8	73.8
Unleaded Midgrade	72.6	77.3	83.0	70.6	75.3	79.5	72.2	76.9	82.4
Premium	82.6	86.8	92.7	78.0	81.8	88.1	81.6	85.7	91.8
Aviation Gasoline	92.1	96.9	102.5	85.2	W	92.2	91.2	95.7	101.3
Kerosene-Type Jet Fuel	51.0	59.6	58.8	52.6	60.1	59.5	51.2	59.6	58.9
Propane (Consumer Grade)	45.3	39.3	49.2	71.9	67.7	75.8	64.3	57.9	68.4
Kerosene	74.1	81.2	88.7	62.5	71.0	67.4	72.6	79.4	84.0
No. 1 Distillate	59.4	74.6	63.9	67.6	75.2	73.8	62.2	74.8	66.6
No. 2 Distillate	52.4	62.3	60.9	54.9	63.4	62.5	52.9	62.6	61.2
No. 2 Fuel Oil	55.6	61.6	63.6	56.8	60.8	63.7	55.9	61.5	63.6
No. 2 Diesel Fuel	51.9	62.4	60.4	54.6	63.8	62.3	52.4	62.7	60.8
No. 4 Fuel^a	W	48.4	W	47.6	50.1	53.8	46.4	49.1	53.7
Residual Fuel Oil	29.3	30.2	35.7	29.0	29.6	37.0	29.2	29.9	36.2
Sulfur Content not > 1 %	35.9	38.4	40.9	35.0	39.1	39.6	35.6	38.7	40.2
Sulfur Content > 1 %	25.7	27.2	33.2	25.9	26.8	34.0	25.8	27.0	33.4

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

Dashes (-) = No data reported.

W = Withheld to avoid disclosure of individual company data.

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

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

Table 7. U.S. Refiner Petroleum Product Prices for Resale by Seller
(Cents per Gallon Excluding Taxes)

Product	Major Refiners			Other Refiners			Average		
	Dec. 1993	Nov. 1993	Dec. 1992	Dec. 1993	Nov. 1993	Dec. 1992	Dec. 1993	Nov. 1993	Dec. 1992
Motor Gasoline	52.1	58.6	66.0	42.9	50.5	55.8	50.1	56.8	63.8
Leaded Regular	-	-	68.0	-	-	60.0	-	-	65.2
Unleaded Regular	48.0	54.8	62.0	42.0	49.6	54.7	46.4	53.4	60.0
Unleaded Midgrade	55.7	61.5	69.2	46.1	52.4	58.3	54.9	60.7	68.2
Premium	62.0	68.3	76.2	48.0	55.0	61.9	60.0	66.4	74.4
Aviation Gasoline	90.9	95.2	98.9	69.5	79.0	86.3	86.8	92.7	97.6
Kerosene-Type Jet Fuel	51.9	59.6	59.5	49.7	57.0	57.3	51.1	58.6	58.9
Propane (Consumer Grade)	30.7	33.4	36.4	31.0	33.9	36.1	30.9	33.6	36.3
Kerosene	54.0	63.3	63.9	51.8	60.2	60.0	53.4	62.4	62.8
No. 1 Distillate	56.5	69.0	63.9	57.2	70.5	63.5	56.8	69.8	63.7
No. 2 Distillate	46.2	56.8	56.1	46.0	57.7	55.8	46.1	57.2	56.0
No. 2 Fuel Oil	45.3	53.0	55.7	44.5	54.3	55.7	45.0	53.5	55.7
No. 2 Diesel Fuel	46.8	58.8	56.6	46.9	59.6	56.0	46.8	59.1	56.4
No. 4 Fuel*	W	W	W	42.7	43.9	50.2	43.6	45.2	51.6
Residual Fuel Oil	23.4	25.1	29.9	25.5	28.7	31.6	24.5	26.7	30.6
Sulfur Content not > 1 %	30.0	31.9	36.6	26.2	30.2	35.2	27.4	31.0	35.9
Sulfur Content > 1 %	20.1	21.4	27.4	24.0	27.0	29.3	21.4	23.6	28.1

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

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

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		
	Dec. 1993	Nov. 1993	Dec. 1992	Dec. 1993	Nov. 1993	Dec. 1992	Dec. 1993	Nov. 1993	Dec. 1992
Motor Gasoline	41,013	40,349	43,590	14,924	15,509	15,698	55,937	55,858	59,288
Leaded Regular	-	-	426	-	-	179	-	-	605
Unleaded Regular	25,562	25,312	27,019	10,668	11,100	11,511	36,230	36,412	38,530
Unleaded Midgrade	6,872	6,908	7,547	1,908	1,969	1,796	8,780	8,876	9,343
Premium	8,579	8,129	8,598	2,348	2,440	2,212	10,927	10,569	10,810
Aviation Gasoline	156	W	151	23	W	19	180	201	171
Kerosene-Type Jet Fuel	38,246	38,218	33,789	5,582	5,165	5,149	43,828	43,383	38,938
Propane (Consumer Grade)	1,440	1,988	1,640	3,616	3,769	4,280	5,056	5,758	5,920
Kerosene	335	189	212	50	39	60	385	228	272
No. 1 Distillate	386	246	619	204	189	236	590	435	855
No. 2 Distillate	19,471	19,098	19,595	5,023	4,644	4,740	24,495	23,742	24,336
No. 2 Fuel Oil	2,658	2,243	2,879	715	617	714	3,373	2,859	3,594
No. 2 Diesel Fuel	16,814	16,855	16,716	4,308	4,027	4,026	21,122	20,882	20,742
No. 4 Fuel^a	W	365	W	W	289	W	927	654	861
Residual Fuel Oil	10,533	8,057	13,861	4,931	4,887	8,370	15,464	12,944	22,231
Sulfur Content not > 1 %	3,701	2,137	4,469	1,701	1,105	4,499	5,402	3,242	8,968
Sulfur Content > 1 %	6,832	5,920	9,392	3,230	3,781	3,871	10,062	9,702	13,264

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

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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		
	Dec. 1993	Nov. 1993	Dec. 1992	Dec. 1993	Nov. 1993	Dec. 1992	Dec. 1993	Nov. 1993	Dec. 1992
Motor Gasoline	218,499	212,600	214,953	63,383	60,198	60,850	281,882	272,798	275,803
Leaded Regular	-	-	2,036	-	-	1,068	-	-	3,104
Unleaded Regular	141,975	139,197	139,371	52,583	49,469	50,168	194,558	188,666	189,539
Unleaded Midgrade	26,246	25,980	26,005	2,591	2,579	2,667	28,837	28,559	28,672
Premium	50,277	47,423	47,541	8,209	8,149	6,947	58,487	55,572	54,488
Aviation Gasoline	397	442	395	95	79	45	492	521	439
Kerosene-Type Jet Fuel	6,085	6,100	6,047	3,444	3,905	2,106	9,529	10,005	8,152
Propane (Consumer Grade)	20,257	18,001	20,481	14,276	14,278	17,468	34,533	32,279	37,949
Kerosene	3,676	2,272	3,057	1,321	971	1,191	4,997	3,243	4,248
No. 1 Distillate	2,217	1,871	3,053	2,179	2,045	2,917	4,396	3,916	5,970
No. 2 Distillate	80,423	62,588	73,492	43,160	41,334	40,914	123,583	103,922	114,406
No. 2 Fuel Oil	32,054	21,435	41,032	17,080	14,926	22,590	49,134	36,360	63,623
No. 2 Diesel Fuel	48,369	41,153	32,460	26,080	26,408	18,323	74,449	67,562	50,783
No. 4 Fuel^a	W	W	W	W	W	W	629	396	757
Residual Fuel Oil	5,607	6,099	7,876	5,981	5,121	6,115	11,587	11,220	13,990
Sulfur Content not > 1 %	1,899	2,155	2,118	4,013	2,633	2,389	5,913	4,788	4,507
Sulfur Content > 1 %	3,708	3,944	5,758	1,967	2,488	3,726	5,675	6,432	9,484

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

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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									
December 1993	54.8	8,045	100.0	47.5	2,428	100.0	53.1	10,472	100.0
November 1993	60.9	7,588	100.0	54.8	2,271	100.0	59.5	9,860	100.0
December 1992	68.3	8,015	100.0	59.9	2,373	100.0	66.4	10,388	100.0
Sales to End Users									
December 1993	68.6	1,271	15.8	66.7	463	19.1	68.1	1,734	16.6
November 1993	73.0	1,210	16.0	71.6	465	20.5	72.6	1,676	17.0
December 1992	79.3	1,351	16.9	76.2	487	20.5	78.5	1,838	17.7
Through Company Outlets									
December 1993	69.4	1,217	15.1	67.3	445	18.3	68.9	1,662	15.9
November 1993	73.7	1,154	15.2	72.1	448	19.7	73.3	1,602	16.2
December 1992	79.9	1,299	16.2	76.6	469	19.8	79.0	1,769	17.0
Other End Users									
December 1993	50.4	55	.7	51.6	17	.7	50.7	72	.7
November 1993	58.8	57	.7	57.2	17	.8	58.5	74	.7
December 1992	64.5	52	.6	65.2	17	.7	64.6	69	.7
Sales for Resale									
December 1993	52.1	6,773	84.2	42.9	1,965	80.9	50.1	8,738	83.4
November 1993	58.6	6,378	84.0	50.5	1,806	79.5	56.8	8,184	83.0
December 1992	66.0	6,664	83.1	55.8	1,886	79.5	63.8	8,550	82.3

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

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

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

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

Source: Energy Information Administration, Form EIA-782A, "Refiners/Gas Plant Operators Monthly Petroleum Product Sales Report," providing December 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	67.2	63.6	56.2	67.6	57.3	56.5	76.8	60.7	63.7	85.5	66.7	70.2
February	66.6	64.9	58.5	66.4	59.7	58.5	75.4	61.2	65.0	84.5	69.1	71.6
March	68.3	NA	60.6	67.2	61.2	59.7	76.1	63.6	65.2	85.0	70.3	71.9
April	72.5	70.1	65.8	70.9	65.3	63.7	79.6	68.9	68.8	88.3	74.3	75.4
May	80.8	76.7	73.2	76.7	70.4	68.5	85.0	74.6	73.8	93.7	80.4	80.6
June	85.1	79.1	76.6	80.7	72.9	71.2	88.7	76.7	76.7	97.5	82.4	83.3
July	86.9	78.4	77.3	79.4	70.3	67.7	87.7	73.3	73.7	96.8	79.2	80.6
August	85.7	77.0	74.9	78.2	69.0	67.3	86.6	72.4	73.3	95.9	78.2	80.3
September	83.5	75.8	73.8	78.3	70.5	67.8	86.8	74.1	74.0	95.8	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	80.2
November	84.2	NA	71.7	77.4	67.6	64.4	85.7	70.9	72.2	95.2	76.5	78.9
December	81.0	73.8	65.2	74.3	62.7	60.0	82.9	66.1	68.2	92.5	71.9	74.4
1992 Average	78.5	74.2	69.3	74.5	66.3	64.4	82.6	69.1	70.7	91.3	75.6	77.3
1993												
January	78.4	70.6	63.3	72.6	61.6	60.2	81.6	66.1	68.1	90.6	70.9	74.2
February	75.9	71.2	64.4	71.9	62.1	60.4	80.8	66.4	67.5	88.6	71.7	73.3
March	71.6	72.6	63.9	71.5	62.9	62.0	80.7	67.3	68.7	88.3	71.6	74.7
April	73.0	76.4	66.7	73.5	65.6	64.6	82.9	70.0	70.8	91.7	75.1	76.7
May	77.0	78.5	69.4	75.8	67.8	66.1	84.9	72.3	72.3	93.7	77.9	78.4
June	78.2	77.7	69.5	75.6	66.6	62.9	84.6	69.9	69.7	93.4	75.1	76.0
July	77.8	75.3	66.9	73.2	61.3	59.3	82.4	65.5	66.1	91.2	70.8	72.5
August	76.2	74.4	65.8	71.7	61.1	59.6	81.1	64.9	66.1	90.2	70.2	72.4
September	75.3	68.9	67.4	70.4	59.8	58.1	79.7	63.2	64.3	89.2	68.9	70.9
October	-	-	-	71.1	59.5	58.6	80.3	62.8	64.5	89.7	68.7	71.2
November	-	-	-	68.4	57.2	53.4	77.5	58.6	60.7	86.4	64.3	66.4
December	-	-	-	63.7	48.9	46.4	72.9	52.1	54.9	82.5	57.2	60.0
1993 Average	75.9	73.4	66.5	71.7	61.2	59.2	80.8	64.8	66.0	89.6	70.2	72.0

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.

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	34.4	1.9	170.2	8.4	.3	25.9	10.3	.4	49.7
February	.7	.0	3.8	35.5	1.9	172.8	8.7	.4	26.3	10.7	.4	49.9
March	.8	.0	4.0	36.3	2.0	177.8	8.9	.4	26.8	10.8	.4	50.9
April	.7	.0	4.4	36.7	2.0	185.6	9.0	.3	27.7	10.8	.4	53.8
May	.7	.0	4.3	36.8	1.9	184.9	8.9	.3	27.4	10.5	.4	52.9
June	.8	.0	4.5	37.8	1.9	186.6	9.0	.3	28.1	10.2	.4	52.4
July	.7	.0	4.4	37.5	1.8	186.8	9.1	.3	28.8	10.5	.4	52.8
August	.7	.0	4.3	37.1	1.7	182.1	8.9	.3	28.0	10.0	.4	51.3
September	.7	.0	4.1	37.0	1.7	187.2	8.7	.3	27.4	9.8	.4	49.6
October	.7	.0	3.9	37.0	1.7	182.8	8.9	.3	28.0	10.1	.4	51.9
November	.6	.0	3.3	35.6	1.6	179.9	8.6	.3	27.0	9.8	.4	50.6
December	.6	.0	3.1	36.9	1.6	189.5	9.1	.3	28.7	10.4	.4	54.5
1992 Average	.7	.0	4.0	36.6	1.8	182.5	8.8	.3	27.5	10.4	.4	51.8
1993												
January	.5	.0	2.8	33.4	1.5	169.1	8.3	.3	25.5	9.6	.3	48.1
February	.6	.0	2.9	35.1	1.7	178.6	8.7	.3	26.9	10.6	.4	51.8
March	.6	.0	3.1	35.4	1.8	182.3	8.7	.3	27.2	10.5	.4	50.4
April	.6	.0	3.3	36.3	1.8	184.7	8.8	.3	28.0	10.0	.4	52.6
May	.5	.0	3.3	35.9	1.7	181.7	8.8	.3	27.5	9.9	.4	51.6
June	.6	.0	3.4	37.8	1.8	190.8	9.2	.3	28.4	10.5	.4	53.7
July	.5	.0	3.3	36.3	1.5	189.3	9.2	.3	29.2	10.7	.4	55.2
August	.5	.0	3.4	35.9	1.6	186.6	9.1	.3	28.7	10.6	.4	55.5
September	.6	.0	3.2	35.3	1.7	181.5	8.9	.3	28.2	10.4	.4	54.3
October	-	-	-	34.5	1.7	182.9	8.7	.3	28.3	9.8	.4	52.7
November	-	-	-	34.6	1.8	188.7	8.6	.3	28.6	10.2	.4	55.6
December	-	-	-	34.6	1.6	194.6	8.5	.3	28.8	10.5	.4	58.5
1993 Average	.6	.0	3.2	35.4	1.7	184.3	8.8	.3	27.9	10.3	.4	53.3

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. 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	58.4	57.7
1989 Average	77.1	66.2	66.8	73.5	63.3	60.8	76.3	65.2	65.4
1990 Average	89.4	79.6	80.0	87.0	80.0	74.0	88.8	79.7	78.6
1991									
January	89.8	78.0	77.4	88.0	78.5	72.0	89.3	78.1	76.2
February	80.5	70.3	69.0	78.4	70.1	64.4	79.9	70.3	68.0
March	74.7	68.6	67.6	72.8	68.4	65.7	74.2	68.5	67.3
April	77.6	72.3	71.0	76.3	71.4	69.5	77.3	72.1	70.7
May	82.8	75.8	75.0	81.0	75.2	71.2	82.3	75.7	74.2
June	82.9	72.0	71.7	80.6	72.1	66.2	82.3	72.1	70.5
July	79.9	69.9	69.9	77.7	70.7	66.0	79.3	70.1	69.1
August	82.1	73.5	73.5	79.5	74.4	69.5	81.4	73.7	72.7
September	81.2	70.8	70.4	79.0	69.9	64.6	80.6	70.6	69.1
October	78.8	69.1	69.7	77.2	70.3	65.3	78.4	69.4	68.8
November	79.7	70.2	71.0	78.9	69.8	65.9	79.5	70.1	69.9
December	76.9	63.5	64.4	75.4	63.4	57.2	76.5	63.5	62.9
1991 Average	80.5	71.3	70.9	78.7	71.1	66.5	80.0	71.3	69.9
1992									
January	73.5	58.8	61.5	69.7	60.4	54.3	72.5	59.2	60.0
February	72.2	61.4	63.0	68.8	61.0	56.9	71.3	61.3	61.7
March	72.8	62.8	63.7	69.7	63.7	59.2	72.0	63.0	62.7
April	76.2	67.4	67.4	73.8	66.5	63.7	75.6	67.1	66.6
May	81.9	72.5	72.5	79.4	72.2	67.8	81.2	72.5	71.5
June	85.7	74.7	75.3	83.1	75.3	70.0	85.0	74.9	74.2
July	84.5	71.3	72.3	82.6	74.2	65.7	84.0	72.1	71.0
August	83.3	70.2	71.9	81.2	72.7	65.4	82.8	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	80.0	69.8	60.2	82.0	69.5	68.1
December	79.9	64.5	66.0	76.6	65.2	55.8	79.0	64.6	63.8
1992 Average	79.5	68.0	69.1	77.3	68.7	62.5	78.9	68.2	67.7
1993									
January	78.1	63.7	65.7	75.3	63.3	56.6	77.4	63.6	63.8
February	77.4	64.5	65.5	74.4	63.3	57.4	76.6	64.2	63.8
March	76.9	65.0	66.5	74.3	64.4	60.2	76.2	64.8	65.2
April	78.8	68.1	68.7	76.7	66.5	63.6	78.3	67.7	67.7
May	81.2	70.4	70.4	78.7	69.0	64.7	80.5	70.0	69.2
June	80.8	68.0	67.7	78.8	69.2	60.8	80.2	68.3	66.2
July	78.8	63.8	64.3	76.2	62.4	56.8	78.1	63.4	62.7
August	77.6	63.1	64.4	74.6	63.2	57.7	76.8	63.1	62.9
September	76.2	62.0	62.9	73.6	61.2	56.3	75.5	61.8	61.5
October	76.7	61.6	63.2	74.2	61.3	56.6	76.0	61.5	61.7
November	73.7	58.8	58.6	72.1	57.2	50.5	73.3	58.5	56.8
December	69.4	50.4	52.1	67.3	51.6	42.9	68.9	50.7	50.1
1993 Average	77.2	63.2	64.1	74.7	62.9	56.9	76.5	63.2	62.5

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

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

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	39.3	1.9	197.4	14.5	.7	52.2	53.8	2.6	249.5
February	40.9	2.0	199.1	14.7	.7	53.8	55.6	2.7	252.8
March	42.1	2.1	200.7	14.7	.7	58.8	56.8	2.8	259.5
April	41.8	2.0	212.4	15.5	.7	59.0	57.2	2.7	271.5
May	41.9	2.0	211.2	15.0	.7	58.3	57.0	2.6	269.5
June	42.6	2.0	214.3	15.1	.7	57.4	57.7	2.6	271.7
July	42.3	1.8	216.2	15.6	.7	56.6	57.9	2.5	272.8
August	41.8	1.7	210.8	14.9	.6	55.1	56.7	2.3	265.8
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	202.6	14.6	.6	58.4	54.6	2.3	260.9
December	41.9	1.7	215.0	15.1	.6	60.8	57.1	2.2	275.8
1992 Average	41.5	1.9	207.8	15.0	.7	57.9	56.5	2.5	265.7
1993									
January	37.9	1.6	194.8	13.8	.5	50.7	51.8	2.1	245.4
February	39.9	1.7	205.4	15.0	.6	54.9	55.0	2.3	260.3
March	40.1	1.8	205.4	15.0	.6	57.6	55.2	2.5	263.0
April	40.8	1.8	211.8	14.9	.7	56.8	55.7	2.5	268.6
May	40.5	1.8	207.5	14.7	.6	56.5	55.2	2.4	264.0
June	42.2	1.8	216.1	15.9	.6	60.2	58.1	2.4	276.3
July	41.5	1.6	218.8	15.2	.5	58.2	56.7	2.1	277.0
August	40.7	1.7	215.0	15.5	.6	59.3	56.2	2.3	274.3
September	40.4	1.8	208.7	14.7	.6	58.6	55.1	2.4	267.3
October	38.6	1.8	204.2	14.3	.6	59.8	53.0	2.4	263.9
November	38.5	1.9	212.6	14.9	.6	60.2	53.4	2.5	272.8
December	39.3	1.8	218.5	14.4	.6	63.4	53.6	2.3	281.9
1993 Average	40.0	1.8	209.9	14.9	.6	58.0	54.9	2.3	267.9

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

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

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

Year Month	Sales to End Users						Sales for Resale
	To Residential Consumers ^a	To Commercial/ Institutional Consumers	To Industrial Consumers	Sales Through Company Outlets ^b	To Other End Users ^c	Average	
1983 Average	107.8	86.3	88.3	94.3	89.7	93.3	81.8
1984 Average	109.1	85.7	87.0	92.0	89.2	92.6	81.9
1985 Average	105.3	82.1	83.4	88.6	85.3	89.0	78.1
1986 Average	83.6	51.4	53.7	59.8	56.9	61.4	48.0
1987 Average	80.3	56.6	59.7	64.4	63.1	64.3	53.5
1988 Average	81.3	51.9	54.2	61.6	58.7	61.2	48.2
1989 Average	90.0	60.8	63.8	68.5	66.7	69.5	57.2
1990 Average	106.3	75.1	78.0	85.2	82.8	84.1	70.6
1991							
January	117.1	84.1	85.0	90.6	89.2	96.3	76.9
February	110.5	75.1	76.3	81.1	79.3	86.8	68.7
March	101.6	65.2	67.0	72.0	71.7	76.3	59.9
April	98.9	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	94.2	58.9	60.9	67.9	65.3	72.7	52.8
February	94.2	60.7	62.7	67.3	66.5	73.0	54.9
March	93.2	59.8	62.5	67.4	67.5	71.1	54.6
April	92.5	61.5	65.5	69.5	69.9	70.3	57.5
May	92.3	63.8	67.9	72.0	73.3	70.9	60.1
June	92.0	66.0	70.4	74.2	74.4	72.0	62.7
July	90.4	65.4	69.9	74.6	73.5	71.3	62.1
August	88.6	64.4	68.8	73.8	73.1	70.5	60.9
September	90.1	66.9	70.9	74.3	75.5	73.1	63.5
October	93.7	68.8	72.7	76.2	77.5	76.1	65.4
November	94.8	65.3	69.0	74.9	73.9	75.1	60.3
December	94.5	63.0	66.0	72.1	69.9	74.9	57.0
1992 Average	93.4	63.9	67.5	71.8	72.1	72.6	59.1
1993							
January	94.3	61.6	64.3	70.3	68.4	74.2	55.7
February	94.6	63.5	65.7	70.2	69.9	75.7	58.1
March	95.4	65.3	67.8	72.2	71.7	76.1	60.1
April	92.5	63.9	68.9	72.2	72.2	72.2	59.3
May	91.0	63.2	68.2	71.4	72.6	69.9	58.9
June	88.9	61.3	66.8	70.7	69.9	67.8	56.7
July	85.6	58.0	63.6	68.7	67.0	64.7	53.0
August	84.1	57.8	63.4	67.4	67.1	64.6	53.0
September	85.4	62.0	68.1	70.6	71.7	69.1	57.7
October	88.7	67.7	72.9	78.0	77.9	75.2	63.5
November	88.6	63.8	68.2	75.2	72.6	73.0	57.6
December	86.5	55.5	59.8	65.9	62.6	67.3	47.4
1993 Average	91.1	62.0	66.5	71.1	70.4	71.1	56.6

^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.

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	49.8	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	96.6	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	87.7	93.2	88.1	90.7	92.4	94.4	107.3	101.6	95.6	103.4	91.4	94.3
February	95.5	88.2	92.5	86.5	91.7	92.8	92.7	107.3	100.9	95.1	103.8	91.5	93.7
March	94.0	86.4	91.5	83.3	90.9	92.2	92.4	105.3	100.3	93.5	102.1	90.1	93.7
April	93.3	85.5	91.4	81.8	90.4	91.7	91.5	104.7	99.0	92.9	101.1	89.4	92.6
May	93.1	85.5	91.0	81.7	90.9	91.5	90.2	102.3	97.2	89.2	101.1	88.6	91.7
June	91.8	87.1	91.3	82.9	89.7	90.7	91.4	102.7	97.6	90.4	101.7	86.5	89.6
July	93.1	87.7	90.4	82.3	89.9	89.1	90.6	102.0	95.7	90.3	100.7	83.0	90.2
August	90.5	87.8	89.6	81.8	89.4	89.4	89.5	101.9	95.2	88.1	99.0	81.7	88.4
September	91.8	86.8	90.7	83.0	89.8	91.6	90.3	101.2	95.7	90.8	99.7	84.4	89.4
October	94.9	89.3	93.5	87.6	92.7	92.0	93.7	104.0	98.8	94.0	102.7	87.5	91.9
November	95.8	88.3	93.8	87.6	92.5	92.6	92.8	105.7	100.4	94.6	104.7	89.6	92.1
December	95.2	85.7	93.5	87.7	91.5	92.9	90.9	105.4	100.4	95.4	104.3	89.3	93.3
1992 Average	94.7	87.1	92.4	85.6	91.2	92.2	92.4	105.7	99.9	93.9	102.8	88.9	92.8
1993													
January	94.9	85.2	94.0	87.1	91.7	93.4	90.8	105.2	100.5	96.5	104.3	89.0	92.4
February	96.2	85.4	94.4	87.0	91.8	93.3	90.8	106.8	101.3	96.7	104.2	89.1	93.5
March	96.7	86.5	94.8	86.6	92.4	93.7	92.4	108.5	101.6	96.2	104.2	89.8	94.2
April	93.6	83.0	91.3	85.0	90.3	91.2	91.6	107.1	99.2	95.1	100.1	89.0	90.3
May	91.7	81.5	90.9	83.8	90.6	91.2	89.4	104.3	96.2	91.6	99.3	86.6	88.6
June	88.6	80.8	88.6	82.5	87.6	89.7	90.9	100.4	95.2	88.0	97.8	84.0	86.0
July	86.5	78.2	83.9	78.0	85.2	85.5	90.2	100.2	92.3	87.9	95.2	78.8	84.7
August	84.0	77.3	83.4	76.1	82.7	85.6	83.5	96.1	91.3	85.7	92.9	77.0	84.0
September	84.3	78.3	83.8	75.2	84.1	86.6	85.0	95.0	92.6	85.9	93.5	80.4	84.9
October	88.6	82.8	86.1	77.2	86.0	86.8	88.6	102.3	94.2	88.7	96.1	83.2	85.0
November	88.9	80.6	85.9	77.1	87.7	86.1	88.3	100.6	95.9	89.6	95.9	85.2	84.4
December	87.6	78.8	83.8	78.3	85.9	87.4	NA	100.1	94.6	87.0	94.0	84.4	86.2
1993 Average	91.9	82.4	89.6	83.0	89.3	90.4	90.3	104.5	98.1	92.5	100.1	86.4	89.6

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	77.8	86.6	79.4	82.0	80.1	86.1	92.7	85.3	92.0	94.2
February	86.9	85.6	78.7	86.5	79.6	83.0	79.8	79.2	91.1	83.5	90.9	94.2
March	86.6	88.1	79.5	86.6	79.7	82.5	79.2	82.2	93.0	82.6	91.8	93.2
April	85.6	88.4	80.2	86.7	81.8	82.9	80.4	84.2	92.1	85.5	92.0	92.5
May	84.2	89.0	81.2	86.4	83.9	83.5	81.5	86.1	93.6	88.9	94.3	92.3
June	86.5	90.8	79.6	86.1	82.9	85.3	81.9	84.6	93.9	89.2	90.6	92.0
July	82.3	87.9	82.4	85.0	84.5	81.7	81.1	86.1	93.0	87.3	88.0	90.4
August	81.4	86.4	83.1	85.7	84.1	82.3	80.6	79.4	96.8	84.0	84.0	88.6
September	85.4	88.9	84.8	88.2	85.0	84.7	83.6	86.0	93.4	87.6	90.3	90.1
October	88.3	90.8	85.8	90.0	87.1	86.4	84.1	89.6	96.8	91.7	94.5	93.7
November	88.0	90.4	82.7	88.2	86.0	84.6	83.7	91.7	97.7	92.8	98.7	94.8
December	89.0	88.2	81.8	87.9	83.1	84.5	84.3	86.8	95.8	91.5	99.7	94.5
1992 Average	86.4	87.6	81.1	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	86.3	82.9	84.2	82.1	84.8	95.1	91.7	100.6	94.3
February	88.6	88.2	82.3	87.6	83.0	85.5	83.3	84.2	95.1	89.9	101.4	94.6
March	89.9	90.0	83.1	90.1	83.9	86.6	84.0	87.8	94.2	90.7	99.7	95.4
April	86.9	NA	84.9	90.8	83.3	86.9	84.7	84.1	94.7	92.1	101.5	92.5
May	84.8	84.8	83.6	89.8	84.1	86.0	84.9	82.9	96.6	91.3	100.3	91.0
June	86.7	81.2	82.1	87.4	83.4	85.7	84.2	82.8	97.1	90.2	95.1	88.9
July	81.2	79.4	79.0	83.4	82.0	79.3	84.1	80.0	95.3	86.1	91.3	85.6
August	79.1	77.2	76.6	82.1	80.0	78.6	78.7	77.0	95.5	83.5	89.3	84.1
September	79.2	80.9	80.3	85.5	83.1	81.4	82.8	85.3	94.8	92.0	97.1	85.4
October	83.6	87.0	83.1	89.7	87.1	85.6	82.0	94.8	96.7	100.2	105.5	88.7
November	84.0	82.3	81.0	86.6	85.6	84.5	82.6	98.2	94.3	97.4	104.3	88.6
December	84.6	78.2	76.4	82.1	81.0	80.8	78.8	84.2	91.7	88.3	96.8	86.5
1993 Average	85.2	84.0	81.1	87.2	83.4	83.9	82.3	86.7	94.9	91.9	100.2	91.1

NA = Not available.

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

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	30.3	24.7	21.1	28.8	24.4
February	36.2	32.7	23.6	20.9	27.7	25.6
March	34.8	30.8	24.4	21.1	27.7	24.6
April	35.3	31.6	27.5	25.2	29.6	27.4
May	37.2	33.1	32.0	29.1	33.4	30.2
June	38.8	35.9	33.1	30.7	34.5	32.5
July	41.4	38.0	34.9	33.3	36.7	34.7
August	42.1	37.7	37.0	33.2	38.8	34.7
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	39.2	37.6	33.8	39.4	35.9
December	40.2	35.9	33.4	28.1	36.2	30.6
1992 Average	38.9	35.4	31.3	28.4	33.8	30.7
1993						
January	40.8	36.6	32.4	27.2	35.3	31.2
February	40.8	35.5	30.8	27.1	34.4	31.1
March	42.6	39.0	31.6	27.5	35.6	32.9
April	43.6	38.4	32.2	29.2	36.3	33.6
May	41.9	34.7	34.1	27.8	36.8	31.0
June	40.6	33.7	31.5	26.4	34.7	30.0
July	41.9	32.7	28.5	24.6	33.2	27.4
August	37.2	31.5	28.7	23.7	31.9	26.9
September	37.7	31.9	28.6	24.0	31.5	26.8
October	38.7	32.4	29.4	25.7	32.0	28.7
November	38.7	31.0	27.0	23.6	29.9	26.7
December	35.6	27.4	25.8	21.4	29.2	24.5
1993 Average	40.3	33.8	30.2	25.7	33.6	29.3

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	6.0	17.9	10.8	28.4	16.8
February	9.1	5.5	18.8	8.2	27.9	13.6
March	8.4	5.9	17.9	10.7	26.2	16.7
April	6.0	6.3	16.8	11.7	22.8	17.9
May	5.3	4.9	14.1	12.1	19.5	17.1
June	5.2	5.8	16.3	10.5	21.5	16.2
July	5.9	4.5	15.1	11.2	21.0	15.6
August	6.5	4.0	12.4	8.6	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	5.7	13.6	8.6	20.7	14.3
December	9.0	4.5	13.3	9.5	22.2	14.0
1992 Average	7.1	5.2	14.5	10.8	21.6	16.0
1993						
January	7.0	4.3	13.5	5.8	20.6	10.1
February	7.7	6.8	13.9	7.4	21.6	14.2
March	7.0	6.2	12.4	7.0	19.4	13.2
April	7.2	5.7	13.0	6.4	20.2	12.1
May	5.3	6.4	9.9	7.3	15.2	13.8
June	6.1	5.6	11.0	5.6	17.1	11.2
July	5.3	3.7	9.8	6.9	15.1	10.6
August	6.1	4.5	9.9	6.4	16.0	10.9
September	5.2	4.5	11.2	8.0	16.4	12.5
October	3.8	6.2	9.9	7.8	13.6	14.0
November	3.2	4.8	9.7	6.4	12.9	11.2
December	5.4	5.9	10.1	5.7	15.5	11.6
1993 Average	5.8	5.4	11.2	6.7	16.9	12.1

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

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

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

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

Crude Oil Prices

Source: U.S. Energy Information Administration, "Crude Oil Prices," <https://www.eia.com/finance/energy/crudeoil>, accessed 1/11/2024.

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	16.58	16.13	16.37	17.33	15.97	16.83	16.80	16.10	16.50
February	16.30	15.96	16.14	17.10	16.17	16.77	16.54	16.00	16.30
March	16.56	16.46	16.51	17.06	16.05	16.69	16.71	16.36	16.56
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	19.32	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	18.88	19.71	19.88	19.26	19.59
October	19.43	19.44	19.44	20.09	18.99	19.64	19.64	19.34	19.49
November	18.76	18.42	18.59	19.27	18.32	18.86	18.90	18.40	18.66
December	17.79	17.00	17.41	17.99	16.74	17.48	17.85	16.94	17.43
1992 Average	18.46	18.30	18.38	19.01	17.84	18.57	18.63	18.20	18.43
1993									
January	17.33	16.86	17.09	17.58	16.46	17.12	17.40	16.78	17.10
February	17.80	17.61	17.71	17.94	16.70	17.45	17.84	17.41	17.64
March	18.14	17.90	18.02	18.69	17.56	18.25	18.31	17.82	18.08
April	18.34	18.52	18.44	18.80	17.70	18.37	18.49	18.35	18.42
May	18.33	17.94	18.12	18.66	17.71	18.26	18.43	17.89	18.16
June	17.61	16.80	17.19	17.90	16.81	17.45	17.70	16.80	17.26
July	16.24	15.75	16.00	16.68	16.04	16.40	16.36	15.82	16.10
August	15.91	15.48	15.70	16.33	16.08	16.22	16.03	15.62	15.84
September	15.75	15.30	15.53	16.01	15.39	15.76	15.82	15.32	15.59
October	15.96	15.57	15.75	16.22	15.63	15.97	16.04	15.59	15.81
November	14.87	14.10	14.46	15.26	13.87	14.64	14.99	14.05	14.51
December	11.99	12.40	12.21	13.50	13.11	13.33	12.45	12.56	12.51
1993 Average	16.52	16.17	16.34	16.99	16.04	16.59	16.66	16.14	16.41

NA = Not available.

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

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

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

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

Year Month	U.S. Average		PAD District I				PAD District II						
	Total U.S.	Less Alaska North Slope	PAD I Average	New York	Pennsylvania	West Virginia	PAD II Average	Illinois	Indiana	Kansas	Kentucky	Michigan	Nebraska
1978 Average	9.00	9.56	12.25	W	14.72	14.48	11.91	13.81	13.70	13.20	13.73	11.86	11.40
1979 Average	12.64	13.01	14.30	W	24.13	23.35	18.33	23.49	23.28	21.57	22.55	14.47	18.13
1980 Average	21.59	22.65	22.66	W	37.46	36.92	30.12	35.78	35.91	34.20	34.98	23.54	30.60
1981 Average	31.77	33.71	35.22	W	36.03	35.63	35.63	36.03	36.07	35.80	35.90	35.74	35.32
1982 Average	28.52	30.43	31.77	30.91	30.77	29.98	31.65	31.69	31.66	30.79	31.19	31.80	30.98
1983 Average	26.19	28.00	28.32	28.19	28.28	27.27	29.17	29.12	29.06	28.45	28.60	28.93	28.58
1984 Average	25.88	27.59	27.76	27.70	27.71	26.90	28.62	28.76	28.72	27.99	28.24	28.54	27.83
1985 Average	24.09	25.74	25.88	25.19	25.05	24.35	25.94	26.90	26.82	25.33	26.20	26.16	25.42
1986 Average	12.51	14.13	14.76	16.03	15.77	14.68	14.30	14.70	14.55	14.02	14.20	14.61	13.70
1987 Average	15.40	16.83	16.52	17.40	17.43	16.56	17.42	17.53	17.49	17.37	17.19	17.63	17.08
1988 Average	12.58	13.97	14.21	W	15.26	14.35	14.65	14.79	14.78	14.55	14.58	14.92	14.08
1989 Average	15.86	17.13	17.16	W	18.15	17.18	18.04	18.36	18.37	18.18	18.36	18.06	17.36
1990 Average	20.03	21.57	22.06	23.32	23.00	22.16	22.88	23.36	23.46	23.21	23.20	22.92	21.94
1991													
January	19.60	21.44	22.40	23.67	22.46	W	22.63	23.37	23.85	22.99	22.95	22.77	21.77
February	16.28	17.62	18.76	20.00	19.60	W	18.90	19.29	19.29	19.27	18.89	19.03	17.96
March	15.13	16.72	16.92	17.53	17.00	W	18.07	18.59	18.51	18.62	18.24	18.15	17.29
April	16.16	17.65	18.00	18.79	18.42	W	19.05	19.65	19.65	19.54	19.62	19.34	18.30
May	16.44	18.00	18.58	19.59	18.98	W	19.36	20.00	19.99	19.71	19.62	19.65	18.48
June	15.58	17.06	17.51	18.36	18.29	W	18.27	18.98	18.99	18.56	18.58	18.65	17.52
July	16.36	18.01	18.41	19.20	19.11	W	19.56	20.22	20.23	19.70	19.84	19.90	18.83
August	16.60	18.16	19.02	19.23	19.72	W	19.77	20.43	20.44	19.91	20.09	20.10	18.99
September	16.71	18.35	19.29	20.06	19.92	W	19.99	20.62	20.68	20.09	20.25	20.29	19.25
October	17.72	19.54	20.62	21.10	21.43	W	21.33	21.96	21.92	21.45	21.65	21.67	20.63
November	17.12	18.96	20.10	20.44	20.52	W	20.48	21.04	21.05	20.53	20.66	20.86	19.72
December	14.68	16.34	17.54	17.68	17.76	W	17.63	18.18	18.17	17.73	17.87	17.98	16.82
1991 Average	16.54	18.16	19.01	19.67	19.48	W	19.58	20.19	20.20	19.84	19.84	19.88	18.78
1992													
January	13.99	15.55	16.51	16.88	17.10	16.22	16.95	17.65	17.62	16.94	17.17	17.28	16.18
February	14.04	15.61	16.73	W	17.32	16.27	17.06	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	15.36	16.83	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	17.96	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	18.98	19.49	W	19.86	18.77	19.81	20.43	20.54	19.60	19.97	20.20	18.56
August	17.07	18.31	19.33	19.03	19.35	18.66	19.39	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	17.16	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	16.00	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	15.99	17.38	18.52	19.05	19.01	18.09	18.63	19.26	19.27	18.50	18.75	18.99	17.51
1993													
January	14.64	15.90	17.16	W	18.20	17.44	17.15	17.81	17.77	17.11	17.21	17.52	15.93
February	15.47	16.71	17.87	17.78	18.21	17.45	18.09	18.75	18.81	18.05	18.08	18.57	16.88
March	15.88	17.04	18.70	18.62	18.97	18.02	18.30	18.92	18.93	18.16	18.22	18.75	16.95
April	16.08	17.08	19.19	18.71	19.25	18.20	18.20	18.86	18.83	18.06	18.12	18.70	16.91
May	15.97	16.89	18.68	18.72	18.85	17.86	17.78	18.47	18.38	17.50	17.84	18.34	16.28
June	15.00	15.96	18.11	17.85	17.98	17.57	16.74	17.47	17.42	16.35	16.83	17.29	15.40
July	13.78	14.62	16.98	W	17.07	16.41	15.52	16.25	16.25	15.10	15.78	16.00	14.10
August	13.69	14.67	16.98	16.47	16.88	16.22	15.63	16.46	16.50	15.22	16.03	16.18	14.18
September	13.39	14.21	16.55	15.96	16.85	15.91	15.12	15.96	16.03	14.70	15.47	15.74	13.58
October	13.87	14.85	17.41	17.26	17.58	16.88	15.79	16.70	16.47	15.31	16.12	16.31	14.32
November	12.65	13.60	15.90	15.52	16.02	15.27	14.37	15.03	15.04	13.97	14.61	14.88	12.82
December	10.39	11.51	13.99	14.31	14.59	13.63	12.21	12.85	12.83	11.80	12.37	12.81	10.77
1993 Average	14.24	15.26	17.29	17.20	17.56	16.76	16.27	16.97	16.97	15.94	16.51	16.79	14.90

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	12.18	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	29.87	27.26	28.69	28.87	29.38
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	16.43	15.69	17.58	14.93	16.77	16.51	16.64
February	16.43	17.25	17.16	16.70	16.76	16.55	15.92	17.60	15.10	16.86	16.71	16.62
March	16.32	17.05	17.11	16.48	16.68	16.68	15.75	17.49	15.08	16.92	16.61	16.57
April	17.72	18.14	18.48	17.93	18.08	17.94	17.00	18.86	16.46	18.31	18.06	17.87
May	18.39	19.25	19.24	18.71	18.86	18.72	17.77	19.69	17.26	19.13	18.76	18.79
June	19.86	20.67	20.65	20.12	20.29	20.15	19.15	21.09	18.54	20.53	20.21	20.23
July	19.21	19.71	20.00	19.45	19.71	19.56	18.48	20.50	17.88	19.93	19.61	19.71
August	18.85	19.41	19.53	19.16	19.14	18.78	18.02	19.72	17.35	19.25	19.07	19.27
September	19.40	19.93	20.08	19.47	19.66	19.19	18.65	20.00	17.97	19.77	19.59	19.88
October	19.21	20.33	19.77	19.23	19.47	19.26	18.39	19.70	17.83	19.61	19.44	19.59
November	17.92	20.03	18.53	17.84	18.10	18.26	17.13	18.35	16.53	18.32	18.07	18.16
December	16.93	18.79	17.65	17.11	17.23	17.41	16.19	17.57	15.58	17.39	17.19	17.27
1992 Average	18.02	18.96	18.74	18.19	18.37	18.22	17.33	19.00	16.70	18.55	18.32	18.35
1993												
January	16.56	18.22	17.16	16.78	16.88	17.16	15.78	17.16	15.30	17.09	16.84	16.95
February	17.39	18.32	18.20	17.74	17.83	17.78	16.75	18.07	16.28	18.07	17.81	17.85
March	17.68	18.88	18.39	17.82	18.05	17.88	16.96	18.25	16.47	18.33	18.05	18.06
April	17.56	19.08	18.27	17.60	17.96	17.77	16.87	18.16	16.35	18.13	17.96	17.99
May	16.95	18.82	17.97	17.02	17.61	17.38	16.50	17.74	15.85	17.81	17.59	17.73
June	15.82	17.98	17.00	15.72	16.68	16.83	15.46	16.78	14.98	16.97	16.70	16.67
July	14.59	17.03	15.78	14.43	15.47	15.10	14.21	15.51	13.81	15.58	15.51	15.53
August	14.63	16.68	15.90	14.50	15.58	15.49	14.71	15.68	13.96	15.71	15.58	15.66
September	14.06	16.58	15.39	13.92	15.02	14.81	13.96	15.15	13.54	15.29	15.03	15.04
October	14.88	17.38	16.04	14.76	15.68	15.96	14.50	15.86	14.49	15.97	15.72	15.56
November	13.43	15.91	14.63	13.46	14.42	14.47	13.19	14.94	13.09	14.64	14.28	14.56
December	11.26	14.40	12.45	11.21	12.35	12.31	11.00	12.93	10.93	12.61	12.23	12.46
1993 Average	15.42	17.44	16.47	15.39	16.14	15.98	15.00	16.40	14.60	16.34	16.13	16.15

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	6.80	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	14.08	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	15.47	17.33	15.43	17.41	14.57	9.87	9.29	11.56	11.18	8.52
February	15.67	17.46	15.51	17.63	14.78	9.89	9.40	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	19.22	15.99	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	13.70	10.90
June	19.14	20.87	18.78	21.38	18.23	14.35	13.40	18.53	16.19	13.63
July	18.53	20.19	18.26	20.74	17.66	14.87	14.06	18.47	16.52	13.44
August	18.10	19.71	17.84	20.19	17.28	13.90	13.23	17.16	15.19	12.82
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	16.18	17.83	16.18	18.32	15.28	11.42	10.93	14.68	12.52	9.62
1992 Average	17.27	19.04	17.08	19.39	16.38	12.32	11.73	15.56	13.55	10.78
1993										
January	15.83	17.43	15.78	18.01	14.94	11.22	10.83	14.16	12.11	9.16
February	16.77	18.36	16.64	19.01	15.90	11.81	11.58	14.57	12.44	9.52
March	17.19	18.51	16.82	19.22	16.46	12.51	12.28	16.06	13.10	10.00
April	17.14	18.48	16.66	19.23	16.39	13.10	12.91	16.84	13.63	10.59
May	16.77	17.93	16.22	18.86	16.10	13.38	12.96	17.40	14.31	11.25
June	15.85	17.29	15.17	18.02	15.10	12.33	11.79	15.60	13.51	10.21
July	14.56	15.82	13.88	16.74	13.89	11.06	10.81	13.20	11.69	9.14
August	14.72	15.98	14.04	16.90	14.07	10.76	10.47	13.00	11.53	8.58
September	14.22	15.51	13.50	16.25	13.57	10.77	10.55	12.75	11.40	8.46
October	14.93	16.15	14.23	16.87	14.32	11.09	10.76	13.66	11.90	9.12
November	13.53	14.85	12.82	15.76	12.84	10.05	9.71	12.37	10.89	8.13
December	11.39	12.75	10.62	13.76	10.66	7.62	7.00	9.34	8.93	6.30
1993 Average	15.27	16.58	14.71	17.45	14.55	11.29	10.96	14.11	12.09	9.18

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	13.55	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	W	-	12.32	15.44	14.07	14.50
February	W	W	-	12.40	18.28	14.61	W	12.53	16.04	15.35	15.04
March	-	W	-	12.68	18.10	14.87	W	12.45	16.01	15.20	15.28
April	W	16.23	-	14.11	19.59	W	W	14.38	17.10	17.26	17.25
May	W	W	-	16.05	20.47	17.61	W	15.03	18.35	18.13	17.83
June	W	W	-	17.09	21.42	W	20.14	15.33	19.20	17.95	18.44
July	W	W	-	16.88	20.83	17.60	W	15.10	18.74	18.20	18.09
August	W	W	-	16.36	20.33	W	20.00	15.38	18.43	17.99	17.69
September ..	-	W	-	16.88	20.84	16.69	20.20	16.21	18.65	17.11	18.01
October	-	W	-	16.90	20.76	W	W	15.40	18.70	15.89	17.42
November	-	W	-	15.78	20.00	14.62	19.82	13.82	17.57	15.12	15.97
December	W	W	-	14.79	18.42	15.62	W	13.38	16.13	15.91	15.60
1992 Average	W	17.06	-	15.26	19.98	15.85	19.61	14.39	17.65	16.50	16.87
1993											
January	-	W	-	14.14	17.95	15.55	18.29	12.99	15.17	15.60	15.62
February	-	W	-	14.64	19.06	16.17	18.13	13.68	16.51	16.39	16.49
March	W	W	-	15.17	19.33	16.45	18.51	14.22	16.85	16.83	16.92
April	-	W	-	15.04	19.19	16.03	18.36	14.52	16.90	16.24	16.59
May	-	19.14	-	15.15	18.92	14.54	18.29	13.89	16.73	15.03	16.32
June	-	W	-	14.06	18.01	W	17.15	12.47	15.89	14.29	14.94
July	W	16.48	-	13.09	17.46	W	16.07	11.96	14.96	13.56	14.18
August	-	17.74	-	13.20	17.42	W	16.73	12.56	14.68	14.40	14.24
September ..	W	W	-	13.50	16.72	W	16.06	12.72	14.29	13.97	14.37
October	W	W	-	13.76	17.02	12.88	16.31	11.87	14.88	14.03	13.94
November	W	W	-	12.24	15.80	10.58	15.29	9.97	13.88	11.87	12.37
December	W	W	-	11.17	14.21	W	14.77	9.05	11.70	11.12	11.26
1993 Average	W	17.31	-	13.75	17.81	14.24	16.77	12.49	15.21	14.60	14.87

^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	21.68	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	26.36	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	14.81	W	13.20	17.46	15.16	15.38
February	W	15.57	W	-	12.78	19.10	15.61	W	13.47	17.64	15.85	15.87
March	-	15.68	W	-	13.06	19.05	16.05	18.83	13.41	17.44	16.14	16.29
April	W	16.42	17.76	-	14.40	20.32	18.01	18.97	15.06	18.10	18.11	18.07
May	W	17.35	17.66	-	16.39	21.25	18.62	19.99	15.73	19.58	18.80	18.65
June	W	18.40	19.60	-	17.41	22.11	19.49	20.85	16.01	20.93	19.60	19.57
July	W	18.50	21.06	-	17.20	21.49	19.00	21.45	15.78	20.49	19.15	19.06
August	W	18.28	21.26	-	16.74	21.05	18.45	21.37	16.10	20.10	18.79	18.70
September ..	-	18.35	W	-	17.34	21.57	18.45	20.72	16.89	20.12	18.51	18.83
October	W	18.35	W	-	17.26	21.60	17.96	21.17	16.14	20.09	18.08	18.56
November	-	17.26	W	-	16.18	20.79	17.02	21.00	14.51	19.25	17.05	17.28
December	W	15.85	W	-	15.12	19.32	16.64	19.46	14.07	17.80	16.69	16.62
1992 Average	W	17.04	18.76	-	15.60	20.78	17.48	20.63	15.13	19.25	17.63	17.81
1993												
January	-	15.27	W	-	14.50	18.96	16.36	19.12	14.07	17.21	16.39	16.64
February	-	15.84	W	-	14.98	19.92	17.29	19.28	14.60	18.17	17.29	17.43
March	W	16.48	W	-	15.50	20.25	17.56	19.43	15.14	18.43	17.63	17.83
April	W	16.79	19.89	-	15.55	20.18	17.56	19.32	15.54	18.48	17.55	17.77
May	W	16.82	20.57	-	15.57	19.79	16.64	19.33	14.91	18.41	16.79	17.30
June	-	16.25	W	-	14.50	18.93	15.72	18.67	13.53	17.44	15.86	16.03
July	W	15.30	17.86	-	13.44	18.31	14.94	17.51	12.92	16.44	14.96	15.30
August	-	14.94	19.28	-	13.66	18.08	15.11	17.56	13.32	16.01	15.11	15.24
September ..	W	14.56	W	-	13.81	17.62	14.62	17.04	13.46	15.56	14.56	14.96
October	W	15.14	W	-	14.11	17.96	14.46	16.67	12.70	15.71	14.60	14.81
November	W	14.28	W	-	12.60	16.70	12.99	16.57	10.81	14.72	13.10	13.29
December	W	12.44	16.47	-	11.35	15.08	11.51	15.56	9.84	12.58	11.46	11.87
1993 Average	17.34	15.27	18.59	-	14.11	18.75	15.47	18.00	13.42	16.48	15.34	15.73

^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	13.82	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	22.76	22.26
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	18.88
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	14.14	16.15	17.83	18.11	W
February	9.35	11.10	14.02	16.26	18.05	17.82	W
March	9.51	11.70	15.02	16.69	17.79	17.85	W
April	10.21	13.26	16.74	18.34	19.04	19.22	19.43
May	11.30	14.73	17.91	19.12	19.85	20.32	20.23
June	13.09	15.69	18.58	19.71	20.97	21.76	W
July	12.13	15.49	18.34	19.32	20.42	20.83	20.93
August	12.95	15.28	17.94	18.58	20.00	20.02	21.46
September	13.53	15.55	18.05	18.56	20.46	20.61	W
October	13.46	15.46	17.75	18.74	20.46	20.30	W
November	12.51	13.74	15.84	17.41	19.28	19.82	20.41
December	12.58	12.87	15.24	16.76	18.29	18.46	18.99
1992 Average	11.83	13.96	16.74	18.02	19.50	19.58	20.05
1993							
January	11.69	12.53	15.42	16.22	17.71	17.57	W
February	12.19	13.21	16.72	17.01	18.68	18.67	18.63
March	12.81	13.71	17.11	17.45	18.77	19.71	20.50
April	12.60	13.90	16.78	17.38	18.82	18.92	W
May	12.23	13.65	16.60	16.92	18.44	18.93	19.50
June	11.18	12.46	15.97	16.19	17.54	W	W
July	10.58	11.85	14.62	15.27	16.71	18.97	17.50
August	11.48	12.09	14.20	15.14	16.64	W	18.55
September	11.81	12.00	14.44	14.83	16.21	16.48	17.04
October	11.17	11.91	14.13	15.28	16.46	16.71	16.61
November	9.61	10.14	13.26	13.87	15.35	16.21	W
December	8.49	9.18	10.99	11.83	13.70	14.69	13.46
1993 Average	11.35	12.23	15.19	15.63	17.08	17.50	17.62

^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	16.54	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	14.82	16.34	18.19	18.94	20.61
February	10.41	11.89	14.72	16.66	18.38	18.55	20.03
March	10.63	12.54	15.64	17.03	18.41	18.98	19.56
April	11.27	12.81	17.40	18.45	19.26	20.28	20.31
May	12.38	15.31	18.21	19.26	20.33	20.90	21.17
June	13.94	15.31	19.33	20.28	21.46	22.43	22.19
July	13.46	16.18	19.00	19.81	21.19	21.87	21.93
August	13.95	15.92	18.49	19.37	20.82	21.33	21.71
September	14.43	16.13	18.66	19.40	21.12	21.34	22.66
October	14.63	16.11	18.65	19.31	21.10	21.10	21.94
November	13.45	14.32	16.86	18.03	20.16	20.41	20.56
December	13.48	13.47	16.06	17.50	18.74	19.41	19.57
1992 Average	12.89	14.58	17.39	18.50	20.11	20.55	20.95
1993							
January	13.07	13.09	16.19	17.13	18.49	18.50	19.00
February	13.25	13.79	17.04	17.93	19.22	19.49	19.64
March	13.94	14.48	17.55	18.17	19.50	20.41	21.29
April	13.86	14.72	17.54	18.22	19.54	20.22	20.29
May	13.44	14.56	17.33	17.63	19.30	20.12	20.64
June	12.38	13.22	16.59	16.79	18.52	18.94	19.43
July	11.74	12.66	15.48	16.04	17.61	18.77	18.46
August	12.40	12.86	14.98	15.78	17.37	18.78	18.35
September	12.63	12.65	14.94	15.18	16.98	17.41	17.38
October	12.07	12.67	14.84	15.39	17.12	17.64	17.62
November	10.55	10.93	13.72	14.20	16.27	17.05	14.92
December	9.25	9.77	11.50	12.25	14.35	15.30	14.36
1993 Average	12.45	12.97	15.74	16.13	17.92	18.33	18.23

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	2.13	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	23.2*	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	3.58	18.58	26.18	32.19	15.42	2.69	1.36
February	3.04	18.66	20.73	35.10	18.44	2.38	1.66
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	17.87	19.27	32.27	20.83	4.46	1.07
June	4.91	17.09	22.36	28.15	23.37	3.14	.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	3.81	17.54	25.29	27.81	22.36	2.43	.76
October	4.83	17.46	23.20	33.36	18.60	2.18	.37
November	3.85	15.65	20.05	32.64	24.33	2.49	1.00
December	4.12	17.08	23.71	34.71	17.13	2.03	1.22
1992 Average	4.05	17.64	22.41	31.38	20.49	3.00	1.04
1993							
January	4.61	18.53	22.47	27.95	24.49	1.50	.46
February	4.20	18.14	19.51	35.41	17.94	3.57	1.23
March	4.98	18.66	20.35	28.63	23.43	2.50	1.46
April	3.89	19.25	19.05	34.08	20.21	2.46	1.06
May	4.07	17.82	20.13	30.66	22.47	3.42	1.44
June	5.18	18.48	19.05	32.31	22.24	1.56	1.17
July	4.29	20.18	22.37	29.86	20.49	1.55	1.26
August	5.99	21.29	18.91	27.30	23.42	1.69	1.40
September	4.68	19.59	18.68	31.58	21.54	1.90	2.03
October	4.78	18.65	16.52	36.46	17.93	3.56	2.09
November	4.45	19.07	19.72	33.32	19.24	3.19	1.02
December	2.99	16.91	15.21	39.51	18.50	4.85	2.04
1993 Average	4.51	18.88	19.32	32.26	20.99	2.65	1.39

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 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	10.60
1st Quarter Average	W	W	W	W	14.43	15.80	10.21
April	W	W	W	-	-	17.66	12.28
May	W	W	W	-	W	19.23	14.20
June	W	19.63	W	-	W	20.19	15.22
2nd Quarter Average	W	18.74	W	-	W	19.01	13.89
July	W	19.41	W	W	W	19.48	15.35
August	W	W	W	-	W	19.03	14.98
September	-	19.18	W	-	W	19.64	15.18
3rd Quarter Average	W	19.01	W	W	18.28	19.32	15.17
October	-	19.01	W	-	W	19.35	15.35
November	-	18.13	W	-	W	18.22	14.08
December	W	17.47	W	-	W	17.29	12.62
4th Quarter Average	W	18.10	W	-	W	18.18	14.06
1992 Average	W	18.46	W	W	17.60	17.92	13.42
1993							
January	-	16.83	W	-	W	16.27	12.31
February	-	W	W	-	W	17.64	12.95
March	W	W	W	-	W	17.82	13.32
1st Quarter Average	W	17.03	W	-	W	17.18	12.87
April	-	W	W	-	W	17.85	13.60
May	-	17.70	W	W	W	17.88	13.19
June	-	16.70	13.39	W	W	16.97	11.93
2nd Quarter Average	-	17.17	W	W	W	17.56	12.90
July	W	15.71	W	-	14.06	15.47	11.50
August	-	15.64	W	-	W	15.21	11.72
September	W	14.80	W	-	W	W	11.84
3rd Quarter Average	W	15.44	W	-	13.61	15.30	11.68
October	W	15.54	W	-	W	15.54	11.93
November	W	13.85	11.82	-	W	13.97	10.28
December	W	12.01	9.81	-	W	12.11	9.14
4th Quarter Average	W	13.80	11.35	-	W	13.94	10.59
1993 Average	W	15.65	W	W	14.70	16.01	12.04

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	16.32	16.45	16.25	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	-	W
February	W	W	-	16.38	W	-	W
March	W	18.33	W	W	W	W	W
1st Quarter Average	W	18.42	W	16.20	W	W	5.42
April	W	19.75	W	W	W	W	W
May	W	20.55	W	W	16.46	W	8.15
June	W	21.55	-	W	W	W	W
2nd Quarter Average	W	20.51	W	W	16.36	W	8.38
July	W	20.95	W	W	16.67	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	16.16	W	8.61
October	W	20.82	W	W	W	W	W
November	W	20.06	W	W	W	19.92	W
December	W	18.53	W	W	14.38	W	-
4th Quarter Average	W	20.06	W	W	13.86	19.55	9.37
1992 Average	20.26	20.10	19.62	17.34	14.76	19.74	8.25
1993							
January	17.65	17.92	-	16.16	14.26	W	W
February	W	19.14	W	W	W	18.13	W
March	W	19.42	W	W	W	18.51	-
1st Quarter Average	19.14	18.64	19.22	16.55	14.73	18.40	W
April	19.34	19.27	-	W	W	W	-
May	W	18.88	W	W	13.32	W	W
June	W	18.09	-	-	W	W	8.96
2nd Quarter Average	19.15	18.89	W	15.90	13.42	18.41	9.51
July	-	17.59	-	-	W	W	W
August	-	W	-	-	W	W	W
September	W	W	-	-	W	W	W
3rd Quarter Average	W	17.39	-	-	W	W	9.61
October	W	W	-	W	12.38	W	-
November	W	16.26	-	W	W	W	W
December	W	W	-	W	W	14.65	-
4th Quarter Average	15.09	15.58	-	12.85	10.44	15.45	W
1993 Average	17.63	17.89	19.03	15.51	13.00	17.00	9.18

^a FOB = Free on Board. See Glossary.

Dashes (-) = No data reported.

W = Withheld to avoid disclosure of individual company data.

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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	18.45	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	11.11
1st Quarter Average	W	17.91	W	W	15.50	16.33	10.68
April	W	W	W	-	W	18.09	12.63
May	W	19.07	W	-	18.26	19.46	14.61
June	W	20.21	W	-	20.27	20.61	15.61
2nd Quarter Average	W	19.25	W	-	19.12	19.38	14.28
July	W	20.38	W	W	W	19.89	15.70
August	W	19.70	W	-	19.19	19.49	15.35
September	-	20.03	W	-	19.11	20.13	15.55
3rd Quarter Average	W	20.04	W	W	19.24	19.77	15.53
October	-	20.10	W	-	W	19.85	15.77
November	-	19.75	W	-	18.36	18.62	14.49
December	W	18.43	W	-	W	17.81	13.00
4th Quarter Average	W	19.40	W	-	18.48	18.66	14.46
1992 Average	W	19.59	W	W	18.52	18.40	13.80
1993							
January	-	17.74	W	-	16.72	16.83	12.71
February	-	17.74	W	-	17.70	18.14	13.35
March	W	18.80	W	-	W	18.30	13.73
1st Quarter Average	W	18.05	W	-	17.23	17.69	13.28
April	-	18.71	W	-	W	18.48	14.07
May	-	18.80	W	W	18.27	18.53	13.69
June	-	17.77	14.54	W	16.45	17.55	12.47
2nd Quarter Average	-	18.40	W	W	17.50	18.18	13.40
July	W	17.17	13.41	-	15.83	16.06	11.94
August	-	16.70	13.35	-	15.06	15.76	12.23
September	W	15.91	12.97	-	14.57	W	12.18
3rd Quarter Average	W	16.67	13.23	-	15.28	15.84	12.12
October	W	16.43	13.77	-	15.54	16.06	12.30
November	W	15.10	12.91	-	14.32	14.49	10.68
December	W	13.35	10.92	-	13.05	12.57	9.50
4th Quarter Average	W	14.96	12.47	-	14.40	14.43	10.91
1993 Average	W	16.93	13.65	W	15.86	16.55	12.45

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	19.19	17.68	23.26	W
1980 Average	37.02	38.58	36.91	29.57	28.16	34.57	20.34
1981 Average	40.01	39.25	38.70	34.32	33.02	37.58	W
1982 Average	36.26	36.45	34.70	35.65	32.64	34.53	20.32
1983 Average	31.44	31.06	30.79	30.95	28.12	31.26	20.69
1984 Average	30.71	30.46	29.99	30.61	28.10	29.89	23.20
1985 Average	29.14	28.98	28.16	25.35	23.69	28.49	22.85
1986 Average	14.89	15.00	15.07	13.06	12.17	14.64	10.42
1987 Average	19.39	19.26	18.96	17.88	16.20	18.71	16.65
1988 Average	16.06	16.02	15.45	14.04	12.80	15.84	13.23
1989 Average	19.34	19.38	18.67	17.96	16.56	18.83	13.16
1990 Average	24.29	23.21	21.53	22.49	21.46	24.40	13.43
1991 Average	22.27	21.57	21.66	18.49	15.28	21.65	10.17
1992							
January	-	19.29	W	16.18	13.66	W	W
February	W	19.19	-	16.76	14.16	W	W
March	19.35	19.22	W	17.50	15.14	18.93	W
1st Quarter Average	19.53	19.23	W	16.81	14.36	18.82	6.71
April	20.67	20.43	W	19.44	17.17	18.84	W
May	W	21.43	21.49	19.76	17.31	19.94	9.54
June	W	22.22	W	20.38	18.11	20.71	W
2nd Quarter Average	21.76	21.30	21.09	19.91	17.54	20.04	9.98
July	W	21.58	21.88	19.74	17.65	21.45	9.97
August	W	21.10	W	19.22	17.25	21.44	W
September	W	21.54	W	19.30	17.26	20.72	9.78
3rd Quarter Average	21.59	21.42	21.73	19.42	17.39	21.21	9.77
October	22.15	21.54	21.36	18.44	16.59	21.19	W
November	W	20.74	W	17.75	15.67	21.07	W
December	W	19.35	W	17.78	15.22	19.52	-
4th Quarter Average	21.45	20.82	20.71	17.98	15.76	20.78	11.11
1992 Average	21.25	20.85	20.96	18.54	16.10	20.68	9.65
1993							
January	19.09	18.80	-	17.52	15.07	19.05	W
February	19.98	20.07	W	18.27	15.77	19.28	W
March	20.61	20.18	20.02	18.42	16.34	19.43	-
1st Quarter Average	19.91	19.52	19.95	18.11	15.69	19.31	W
April	20.73	20.26	-	17.93	16.12	19.60	-
May	W	19.65	W	17.42	15.27	19.46	W
June	W	18.91	W	16.82	14.41	18.98	11.20
2nd Quarter Average	20.31	19.82	19.31	17.46	15.23	19.35	11.54
July	W	18.26	-	16.10	13.56	17.67	W
August	W	W	-	16.30	13.97	17.65	W
September	W	W	-	15.53	13.76	17.11	W
3rd Quarter Average	W	17.95	-	15.99	13.75	17.46	11.42
October	W	17.71	-	15.25	13.70	16.95	-
November	W	17.24	-	14.04	12.05	16.51	W
December	W	W	-	12.65	10.59	15.66	-
4th Quarter Average	16.19	16.50	-	14.02	11.83	16.45	W
1993 Average	18.64	18.76	19.72	16.66	14.16	18.16	11.32

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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										
December 1993	-	-	63.1	47.0	71.0	55.3	79.9	60.1	67.2	50.5
November 1993	-	-	68.0	54.0	75.5	61.0	84.2	66.2	71.9	57.1
December 1992	80.4	66.2	73.3	60.4	81.2	68.4	89.7	74.4	77.3	63.9
PAD District I Average										
December 1993	-	-	61.7	47.6	72.1	55.8	81.4	62.2	67.7	52.4
November 1993	-	-	65.7	53.6	75.6	61.1	84.9	67.7	71.4	58.1
December 1992	77.9	81.0	72.9	62.4	83.0	69.4	92.0	76.0	78.6	66.9
Subdistrict IA Average										
December 1993	-	-	65.4	49.6	75.0	57.6	83.5	62.6	71.0	53.7
November 1993	-	-	69.1	54.1	78.2	62.3	86.5	67.2	74.4	58.0
December 1992	W	W	79.6	65.2	88.2	72.5	96.4	78.0	84.5	69.3
Connecticut										
December 1993	-	-	67.4	51.3	76.7	59.2	88.7	66.5	73.9	56.2
November 1993	-	-	70.4	56.7	79.6	63.2	91.3	70.9	76.7	61.0
December 1992	-	-	80.6	68.7	90.1	75.1	100.3	78.9	86.7	72.7
Maine										
December 1993	-	-	69.1	49.4	77.0	53.7	84.3	60.0	72.9	51.8
November 1993	-	-	73.9	53.2	81.0	57.7	87.4	64.6	77.2	55.6
December 1992	-	-	82.4	62.1	91.3	68.0	97.1	73.1	85.9	64.6
Massachusetts										
December 1993	-	-	62.1	48.4	73.0	57.0	80.9	60.7	68.3	52.4
November 1993	-	-	65.9	52.4	76.3	62.2	83.9	65.2	71.7	56.3
December 1992	-	-	77.8	64.8	86.2	72.0	93.8	78.2	82.8	69.0
New Hampshire										
December 1993	-	-	68.5	53.5	78.6	63.6	87.5	67.7	73.8	58.5
November 1993	-	-	71.3	59.7	81.3	67.3	90.4	73.4	76.4	64.0
December 1992	-	-	79.8	67.0	89.6	72.0	98.7	79.8	84.4	70.2
Rhode Island										
December 1993	-	-	62.8	46.5	70.4	53.4	77.4	59.4	68.1	50.2
November 1993	-	-	66.7	52.2	74.1	58.9	80.8	64.8	71.8	55.7
December 1992	-	-	77.5	60.8	85.4	69.3	93.2	75.8	82.8	64.9
Vermont										
December 1993	-	-	71.4	57.0	79.3	63.3	86.5	69.7	75.8	60.6
November 1993	-	-	75.4	62.5	82.7	68.8	91.3	74.3	79.4	65.8
December 1992	W	W	81.3	70.6	88.8	75.9	96.5	83.7	85.3	74.0
Subdistrict IB Average										
December 1993	-	-	63.6	49.7	73.1	60.1	82.6	65.4	69.2	55.1
November 1993	-	-	67.1	55.7	75.9	64.6	85.6	70.7	72.4	60.8
December 1992	79.8	W	76.0	65.4	85.7	74.7	94.9	79.2	81.4	70.6
Delaware										
December 1993	-	-	58.6	49.4	67.5	54.2	76.3	62.5	63.8	52.9
November 1993	-	-	61.0	53.9	69.5	59.6	78.5	67.4	66.0	57.5
December 1992	-	-	72.7	62.7	81.0	68.2	90.3	73.6	77.7	65.9
District of Columbia										
December 1993	-	-	55.5	62.1	61.6	68.7	66.3	76.4	60.0	70.2
November 1993	-	-	60.0	65.2	65.3	71.7	71.1	79.4	64.5	73.3
December 1992	-	-	64.5	75.1	72.4	80.1	78.1	89.0	68.6	82.5
Maryland										
December 1993	-	-	60.9	54.6	70.7	61.9	76.9	68.4	66.1	59.6
November 1993	-	-	64.6	59.0	73.3	65.7	80.0	72.2	69.4	63.9
December 1992	-	-	74.1	68.9	84.9	74.3	91.9	80.0	79.4	73.1
New Jersey										
December 1993	-	-	66.9	48.4	81.6	63.0	89.2	63.9	75.4	54.1
November 1993	-	-	70.9	57.1	85.0	67.2	92.2	70.4	79.0	62.7
December 1992	W	W	83.5	66.8	94.3	80.8	102.0	82.4	90.5	73.0
New York										
December 1993	-	-	65.5	51.7	73.9	62.8	84.0	69.7	70.3	58.0
November 1993	-	-	69.1	56.4	77.2	67.2	87.8	74.7	73.8	62.2
December 1992	81.6	W	75.3	66.4	85.2	76.8	94.5	79.9	80.3	72.0
Pennsylvania										
December 1993	-	-	61.3	47.3	71.1	55.7	79.6	60.1	66.9	51.2
November 1993	-	-	64.6	53.2	73.5	60.7	81.8	65.3	69.6	56.8
December 1992	77.5	-	74.5	62.2	83.6	69.9	91.9	74.1	79.4	66.1

See footnotes at end of table.

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

Geographic Area Month	Leaded Regular		Unleaded Regular		Unleaded Midgrade		Premium		Motor Gasoline Average	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Subdistrict IC Average										
December 1993	-	-	59.9	45.2	71.1	52.6	80.2	59.0	66.2	49.6
November 1993	-	-	64.2	51.5	75.0	58.5	84.1	64.9	70.3	55.8
December 1992	74.0	-	70.4	58.9	81.0	65.3	89.9	71.9	76.2	63.0
Florida										
December 1993	-	-	60.9	47.0	73.3	55.2	82.4	64.2	67.9	53.1
November 1993	-	-	65.6	52.7	76.5	60.7	86.3	69.2	72.0	58.7
December 1992	W	-	72.7	59.9	84.0	66.9	92.1	76.1	79.1	65.5
Georgia										
December 1993	-	-	58.9	43.2	69.2	49.5	78.5	55.1	65.2	46.8
November 1993	-	-	63.4	49.8	73.5	55.9	82.3	61.6	69.4	53.3
December 1992	W	-	67.8	58.1	78.7	64.2	87.7	70.1	74.0	61.7
North Carolina										
December 1993	-	-	56.3	44.7	66.5	50.5	75.6	55.6	62.0	47.9
November 1993	-	-	60.9	50.7	71.1	56.8	80.7	61.3	66.5	53.9
December 1992	W	-	68.8	58.1	77.9	63.6	86.9	68.3	73.8	61.1
South Carolina										
December 1993	-	-	56.4	42.1	68.5	47.8	77.6	52.3	62.5	44.9
November 1993	-	-	60.4	49.4	72.8	54.4	81.3	60.3	66.3	52.3
December 1992	-	-	66.5	57.8	76.6	61.7	86.8	67.4	71.4	60.1
Virginia										
December 1993	-	-	62.3	47.4	72.9	55.8	81.9	60.7	68.6	52.1
November 1993	-	-	66.1	53.7	76.8	61.0	85.4	66.5	72.2	58.2
December 1992	W	-	71.8	60.1	83.1	66.9	92.2	72.2	78.1	64.4
West Virginia										
December 1993	-	-	68.9	49.1	78.4	57.5	84.1	61.6	73.3	52.8
November 1993	-	-	70.7	55.6	80.7	62.7	86.2	68.3	75.1	59.2
December 1992	W	-	77.9	62.2	87.0	68.6	92.8	74.6	82.2	65.7
PAD District II Average										
December 1993	-	-	59.8	44.4	67.5	53.1	73.8	55.0	62.9	46.8
November 1993	-	-	66.2	52.2	73.1	59.1	79.3	62.2	69.0	54.3
December 1992	78.9	59.7	69.8	57.5	77.3	64.9	83.3	68.1	72.7	59.6
Illinois										
December 1993	-	-	61.7	45.9	68.2	56.8	75.3	58.5	64.7	49.4
November 1993	-	-	67.4	51.9	72.9	62.3	79.3	64.4	69.9	55.1
December 1992	NA	63.2	71.6	57.7	79.1	69.2	86.4	71.8	74.9	61.1
Indiana										
December 1993	-	-	58.3	43.9	65.4	52.5	71.5	54.9	61.9	46.7
November 1993	-	-	63.5	51.4	70.6	58.5	76.7	62.2	66.9	54.0
December 1992	82.4	58.4	69.5	56.9	76.2	63.8	81.8	67.6	72.6	59.3
Iowa										
December 1993	-	-	56.5	43.8	66.9	56.6	66.1	53.0	57.8	44.9
November 1993	-	-	65.8	53.5	75.3	63.2	77.4	63.0	67.1	54.4
December 1992	75.0	60.1	69.4	57.5	75.6	66.1	78.2	65.6	70.4	58.4
Kansas										
December 1993	-	-	58.8	41.8	63.9	53.4	68.7	51.2	60.1	42.9
November 1993	-	-	68.4	51.7	74.4	62.2	79.6	59.6	69.8	52.7
December 1992	74.1	62.2	68.6	54.7	74.8	62.4	80.0	63.3	70.3	55.6
Kentucky										
December 1993	-	-	61.5	45.5	69.7	50.6	77.6	56.5	66.2	48.6
November 1993	-	-	66.2	51.7	74.8	56.4	82.5	63.3	70.8	54.8
December 1992	79.5	W	69.6	59.4	77.6	64.5	84.3	70.5	73.6	62.2
Michigan										
December 1993	-	-	57.8	44.3	65.5	50.9	72.9	54.6	61.2	46.7
November 1993	-	-	64.3	51.7	72.6	57.7	78.1	62.1	67.4	53.9
December 1992	81.3	63.0	67.2	57.8	74.5	62.9	81.7	68.3	70.1	60.0
Minnesota										
December 1993	-	-	71.4	48.4	77.0	59.0	84.8	57.0	73.6	50.3
November 1993	-	-	76.5	57.5	81.9	64.4	89.1	66.0	78.5	59.1
December 1992	78.5	60.8	76.1	60.2	81.7	71.0	86.8	68.6	78.0	61.6
Missouri										
December 1993	-	-	55.3	43.8	64.5	52.5	69.9	52.8	58.4	45.9
November 1993	-	-	63.3	51.9	71.0	58.9	77.0	61.1	66.1	53.9
December 1992	70.9	69.3	65.8	56.9	74.4	64.1	78.9	66.1	68.9	58.7

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										
December 1993	-	-	63.2	43.3	68.6	53.2	76.8	52.0	64.6	44.2
November 1993	-	-	72.4	54.2	77.2	62.5	81.2	62.4	73.6	55.0
December 1992	79.0	58.1	72.5	58.3	78.4	68.3	83.1	66.4	74.2	59.2
North Dakota										
December 1993	-	-	75.1	47.0	82.9	61.3	86.8	57.5	76.2	48.0
November 1993	-	-	79.4	57.6	86.4	70.5	91.5	67.8	80.4	58.6
December 1992	86.1	59.1	81.6	59.7	88.1	72.7	91.7	70.9	82.6	60.5
Ohio										
December 1993	-	-	59.0	45.4	66.7	53.6	74.5	56.7	62.8	48.1
November 1993	-	-	63.1	52.1	70.7	59.1	77.6	63.7	66.7	54.7
December 1992	76.0	W	70.6	59.1	78.3	66.6	85.3	70.3	74.0	61.5
Oklahoma										
December 1993	-	-	53.1	41.8	60.0	49.7	64.9	47.8	55.7	42.6
November 1993	-	-	62.7	49.8	70.1	58.5	74.6	56.9	65.2	50.7
December 1992	66.9	57.6	65.0	54.9	72.6	59.7	76.6	62.3	67.4	55.8
South Dakota										
December 1993	-	-	72.3	47.2	72.4	63.2	80.9	59.2	73.0	48.4
November 1993	-	-	79.9	59.1	77.8	69.8	88.5	70.1	80.3	60.1
December 1992	77.0	58.3	74.7	58.4	78.9	66.3	85.4	66.0	76.0	59.0
Tennessee										
December 1993	-	-	58.2	43.0	68.6	49.6	77.4	54.7	64.5	46.8
November 1993	-	-	63.3	49.6	73.3	55.7	82.3	61.1	69.2	53.2
December 1992	W	-	66.8	56.6	78.3	62.0	85.9	67.6	72.8	59.9
Wisconsin										
December 1993	-	-	58.9	44.0	67.2	51.1	72.4	54.3	61.3	45.9
November 1993	-	-	65.9	52.2	74.3	58.0	79.2	61.6	68.2	53.8
December 1992	80.8	63.0	70.8	57.3	78.3	63.9	83.6	66.7	73.1	59.0
PAD District III Average										
December 1993	-	-	61.6	42.5	70.9	49.6	78.8	51.9	66.3	44.8
November 1993	-	-	65.9	49.7	75.1	56.6	82.9	58.6	70.5	52.0
December 1992	82.4	62.8	71.7	55.5	80.3	62.6	87.6	66.6	76.0	57.9
Alabama										
December 1993	-	-	61.0	44.1	68.7	50.1	77.5	55.5	66.0	47.5
November 1993	-	-	65.0	50.4	73.0	57.0	81.6	61.6	70.1	53.9
December 1992	W	-	71.3	57.8	79.4	63.6	87.8	69.7	75.7	61.1
Arkansas										
December 1993	-	-	60.2	42.6	68.7	48.4	75.9	52.0	63.8	44.9
November 1993	-	-	65.4	51.1	74.4	55.9	80.6	60.3	68.9	53.2
December 1992	64.1	59.1	69.4	55.3	77.4	60.2	84.6	64.5	72.7	57.5
Louisiana										
December 1993	-	-	62.7	43.0	74.5	52.3	81.5	52.3	69.0	45.8
November 1993	-	-	66.8	48.5	77.8	57.9	85.1	60.8	72.7	51.7
December 1992	81.8	-	72.3	56.6	82.2	65.1	87.8	70.0	77.3	60.2
Mississippi										
December 1993	-	-	60.7	41.6	69.2	45.9	77.8	49.5	65.5	44.2
November 1993	-	-	63.7	49.0	73.0	54.0	80.7	54.4	68.5	51.0
December 1992	W	-	70.4	55.2	78.5	60.6	86.0	65.6	74.6	57.4
New Mexico										
December 1993	-	-	74.3	52.3	77.5	60.0	87.1	61.9	75.8	53.6
November 1993	-	-	79.7	64.1	86.0	68.5	93.4	73.6	81.4	65.2
December 1992	84.6	63.3	83.4	62.9	86.9	70.9	94.8	71.8	84.8	63.9
Texas										
December 1993	-	-	60.3	41.8	70.7	49.6	78.5	51.4	65.3	43.9
November 1993	-	-	64.8	49.0	75.0	56.4	82.7	57.6	69.6	51.0
December 1992	80.7	61.4	71.1	54.8	80.5	62.2	87.7	65.1	75.7	56.8
PAD District IV Average										
December 1993	-	-	74.3	55.0	82.3	59.0	87.2	64.1	77.0	56.7
November 1993	-	-	78.6	65.8	86.8	68.6	91.1	73.3	81.3	67.2
December 1992	80.1	61.6	78.1	60.9	84.6	68.1	89.6	68.9	80.4	62.4
Colorado										
December 1993	-	-	75.5	49.9	84.3	56.7	92.8	58.9	79.0	51.8
November 1993	-	-	80.5	62.8	90.3	68.7	98.3	70.0	84.2	64.5
December 1992	82.6	63.4	78.5	60.8	86.2	68.0	92.9	69.4	81.6	62.7

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										
December 1993	-	-	73.2	60.8	87.7	57.6	82.2	69.6	74.3	62.0
November 1993	-	-	76.7	68.4	92.7	66.5	86.0	77.2	77.8	69.6
December 1992	77.5	64.5	77.0	64.3	81.9	W	87.3	73.5	77.9	65.3
Montana										
December 1993	-	-	78.2	59.8	NA	W	87.8	68.0	79.6	61.3
November 1993	-	-	83.6	70.1	83.3	W	93.5	78.6	84.8	71.5
December 1992	83.4	58.8	82.1	59.0	W	-	91.2	65.9	83.4	60.0
Utah										
December 1993	-	-	69.3	57.1	75.9	63.1	80.3	66.5	72.2	59.5
November 1993	-	-	71.8	64.9	75.8	68.3	83.0	73.4	74.7	66.9
December 1992	76.6	60.5	74.5	61.0	79.0	68.5	83.4	69.0	76.7	62.7
Wyoming										
December 1993	-	-	78.3	52.8	81.8	58.8	86.4	60.8	79.5	54.1
November 1993	-	-	82.3	67.7	85.6	68.0	91.5	75.4	83.6	68.9
December 1992	82.0	58.7	82.9	58.2	83.1	66.0	91.6	65.8	83.8	59.4
PAD District V Average										
December 1993	-	-	73.4	57.1	78.0	65.2	90.4	72.1	76.5	60.8
November 1993	-	-	77.2	61.7	83.0	69.2	94.0	74.9	80.3	65.1
December 1992	80.7	69.9	84.9	69.3	90.2	79.3	101.4	87.3	87.5	73.4
Alaska										
December 1993	-	-	101.5	75.6	W	-	106.6	86.2	102.1	76.7
November 1993	-	-	102.9	79.3	W	W	108.6	88.6	103.5	80.4
December 1992	122.1	94.0	115.9	88.0	-	-	119.2	99.6	116.6	89.2
Arizona										
December 1993	-	-	81.3	65.2	87.4	65.0	99.2	79.8	83.8	67.4
November 1993	-	-	84.3	69.9	86.0	68.3	101.1	84.4	86.6	72.0
December 1992	81.3	71.2	84.9	73.0	91.1	73.9	101.8	86.6	86.3	74.6
California										
December 1993	-	-	67.6	55.1	75.8	64.8	85.9	70.4	71.8	59.4
November 1993	-	-	71.9	59.3	81.9	68.8	89.8	72.8	76.2	63.4
December 1992	W	85.5	83.9	68.3	90.4	79.3	101.1	87.6	87.7	73.2
Hawaii										
December 1993	-	-	96.9	85.7	98.4	92.3	111.9	99.6	101.0	91.3
November 1993	-	-	98.9	89.3	100.0	95.3	114.4	102.2	102.9	94.3
December 1992	-	-	93.0	91.9	98.2	98.5	110.5	105.5	98.4	97.4
Nevada										
December 1993	-	-	76.0	57.1	83.2	63.5	95.1	69.6	79.5	59.9
November 1993	-	-	81.2	59.4	87.0	67.9	99.2	71.6	84.4	62.4
December 1992	88.4	62.1	84.3	64.2	85.3	71.5	99.9	76.9	86.7	67.0
Oregon										
December 1993	-	-	78.6	56.8	83.5	60.6	95.0	72.2	80.9	59.2
November 1993	-	-	81.4	64.5	82.1	W	98.2	79.0	83.6	66.7
December 1992	81.6	70.0	86.3	70.5	W	-	102.9	86.0	87.0	72.2
Washington										
December 1993	-	-	72.7	59.2	75.8	63.2	89.9	73.6	75.4	62.3
November 1993	-	-	77.1	65.0	84.5	70.8	93.6	79.6	79.8	67.7
December 1992	77.6	68.5	82.3	70.8	77.8	71.3	98.1	84.7	83.5	72.7

Dashes (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

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

Sources: 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										
December 1993	-	-	63.6	58.4	71.9	62.8	81.1	68.2	67.9	60.6
November 1993	-	-	68.5	64.4	76.4	67.5	85.3	73.2	72.5	66.1
December 1992	80.9	78.6	73.8	69.5	82.0	73.5	90.8	79.1	77.9	71.8
PAD District I Average										
December 1993	-	-	62.5	54.1	73.3	60.7	82.9	66.2	68.8	57.8
November 1993	-	-	66.4	59.4	76.9	64.9	86.4	70.3	72.4	62.5
December 1992	74.1	80.0	73.6	67.0	84.1	73.1	93.4	79.3	79.4	70.7
Subdistrict IA Average										
December 1993	-	-	66.7	50.6	76.9	57.9	85.7	62.9	72.6	54.9
November 1993	-	-	70.2	57.1	80.0	63.7	88.6	65.7	75.7	60.4
December 1992	-	W	80.6	66.1	90.0	71.6	98.5	75.0	85.9	69.3
Connecticut										
December 1993	-	-	68.5	51.3	80.0	57.8	90.2	66.1	75.6	56.1
November 1993	-	-	71.3	58.8	82.7	62.9	92.9	70.9	78.1	62.4
December 1992	-	-	81.3	68.2	91.4	75.8	101.8	79.1	87.5	72.8
Maine										
December 1993	-	-	70.3	53.4	78.8	63.4	86.3	66.0	74.2	58.2
November 1993	-	-	74.7	63.2	82.4	71.4	89.3	70.9	78.1	66.9
December 1992	-	-	83.3	70.3	93.3	74.0	99.1	81.5	87.0	73.2
Massachusetts										
December 1993	-	-	63.8	47.4	75.0	51.2	84.1	59.3	70.3	51.3
November 1993	-	-	67.3	52.9	78.1	57.9	86.9	60.4	73.5	55.6
December 1992	-	-	79.3	61.6	88.6	68.0	96.9	70.6	84.7	65.3
New Hampshire										
December 1993	-	-	68.9	55.3	79.5	64.4	88.1	74.4	74.4	61.1
November 1993	-	-	71.7	59.2	82.0	68.9	90.9	74.4	76.9	64.3
December 1992	-	-	80.6	68.9	91.0	68.6	99.4	76.9	85.4	69.6
Rhode Island										
December 1993	-	-	63.6	48.4	70.9	NA	77.8	68.9	68.8	55.0
November 1993	-	-	67.5	55.4	74.7	65.6	81.3	71.8	72.5	60.7
December 1992	-	-	78.3	62.7	86.3	68.2	93.9	74.6	83.7	65.9
Vermont										
December 1993	-	-	73.2	62.4	82.5	68.4	88.5	74.5	77.8	65.8
November 1993	-	-	77.1	67.2	85.6	72.5	93.2	80.1	81.4	70.1
December 1992	-	W	83.2	72.9	91.3	79.7	98.8	84.8	87.3	76.2
Subdistrict IB Average										
December 1993	-	-	64.6	55.9	74.8	61.7	84.4	68.3	70.5	59.4
November 1993	-	-	68.1	60.6	77.4	66.4	87.3	72.5	73.6	63.8
December 1992	W	79.6	77.0	69.4	87.5	75.3	97.1	81.7	82.8	73.0
Delaware										
December 1993	-	-	59.6	53.8	69.4	59.4	77.4	68.6	65.1	57.2
November 1993	-	-	61.7	57.8	71.1	62.8	79.3	73.3	67.0	61.2
December 1992	-	-	74.0	66.0	82.7	71.8	92.3	78.5	79.2	69.4
District of Columbia										
December 1993	-	-	W	50.3	W	52.1	W	W	W	52.5
November 1993	-	-	W	55.3	W	57.0	W	W	W	57.8
December 1992	-	-	W	61.0	W	64.1	W	70.6	W	63.5
Maryland										
December 1993	-	-	62.9	55.6	73.1	63.7	79.4	68.6	68.5	59.5
November 1993	-	-	66.3	60.2	75.3	67.9	81.6	74.1	71.3	64.0
December 1992	-	-	76.1	68.3	87.0	76.9	94.8	82.0	81.8	72.1
New Jersey										
December 1993	-	-	68.4	55.7	84.1	61.6	91.6	70.1	77.4	60.5
November 1993	-	-	72.4	59.7	87.4	64.8	94.9	72.8	81.0	64.2
December 1992	-	W	86.0	71.0	97.4	76.5	105.6	83.4	93.4	75.3
New York										
December 1993	-	-	66.8	55.0	76.5	56.7	86.6	65.2	71.9	57.5
November 1993	-	-	70.3	59.7	79.6	63.3	90.0	69.5	75.2	62.1
December 1992	W	81.5	76.2	68.6	87.4	72.3	97.0	79.4	81.6	71.5
Pennsylvania										
December 1993	-	-	61.7	57.4	71.8	65.1	80.2	72.2	67.5	61.4
November 1993	-	-	64.9	62.4	74.1	69.3	82.4	75.5	70.1	65.7
December 1992	-	77.5	75.0	70.9	84.6	77.2	92.8	84.1	80.1	74.3

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										
December 1993	-	-	60.5	53.5	72.0	60.8	81.4	65.2	67.0	57.1
November 1993	-	-	64.8	58.8	76.1	64.1	85.4	69.7	71.1	61.9
December 1992	W	W	70.8	65.1	81.9	72.0	90.9	78.2	76.9	69.1
Florida										
December 1993	-	-	61.5	NA	74.6	NA	83.7	NA	68.8	NA
November 1993	-	-	66.2	60.1	78.7	60.8	87.9	69.3	73.2	62.0
December 1992	W	-	73.2	65.1	85.4	70.6	93.4	76.3	79.8	69.1
Georgia										
December 1993	-	-	59.3	53.6	69.9	55.7	79.6	64.4	65.8	56.5
November 1993	-	-	63.9	57.7	74.1	59.7	83.4	68.8	70.0	60.6
December 1992	W	-	68.1	64.6	79.4	70.3	88.8	76.3	74.5	68.0
North Carolina										
December 1993	-	-	57.1	48.2	67.0	59.3	76.8	61.4	62.8	52.5
November 1993	-	-	61.5	54.8	71.7	64.9	81.8	67.6	67.2	58.8
December 1992	W	-	69.3	63.5	78.4	71.1	87.5	77.4	74.4	66.8
South Carolina										
December 1993	-	-	56.6	54.1	68.4	70.9	78.1	71.4	62.7	59.8
November 1993	-	-	60.5	59.4	72.2	78.8	82.1	71.6	66.4	65.2
December 1992	-	-	66.8	61.8	77.7	66.2	87.8	74.5	71.9	64.7
Virginia										
December 1993	-	-	63.2	54.7	74.1	60.9	83.5	66.5	69.8	58.1
November 1993	-	-	66.9	59.5	78.1	66.1	86.6	71.2	73.3	62.9
December 1992	-	W	72.1	69.0	83.7	79.1	93.2	84.7	78.6	74.2
West Virginia										
December 1993	-	-	70.3	55.1	80.0	62.1	86.1	68.5	74.7	59.1
November 1993	-	-	71.5	61.0	82.0	67.8	87.8	73.7	76.0	65.1
December 1992	-	W	79.4	65.7	88.5	72.7	95.0	78.7	83.7	69.5
PAD District II Average										
December 1993	-	-	60.0	57.5	67.9	63.7	74.4	66.4	63.2	59.4
November 1993	-	-	66.4	64.4	73.5	69.5	79.8	72.2	69.3	66.0
December 1992	78.2	79.6	69.8	69.3	77.6	75.4	83.8	78.2	72.8	71.5
Illinois										
December 1993	-	-	62.0	57.0	68.5	63.6	75.8	67.0	65.0	59.3
November 1993	-	-	67.7	62.8	73.3	69.3	79.7	72.2	70.3	65.2
December 1992	NA	NA	72.0	67.9	79.9	73.9	87.5	76.3	75.4	70.4
Indiana										
December 1993	-	-	58.5	57.3	65.8	63.1	71.7	70.0	62.2	59.9
November 1993	-	-	63.6	63.0	70.7	69.5	76.7	76.8	67.0	66.0
December 1992	81.4	82.5	69.7	67.5	76.6	73.8	81.7	82.1	72.6	72.2
Iowa										
December 1993	-	-	55.9	61.4	68.3	60.5	66.1	63.4	57.3	61.4
November 1993	-	-	65.6	67.0	76.0	71.2	77.6	72.1	67.0	67.3
December 1992	76.2	74.4	68.6	74.2	74.8	82.9	78.0	82.1	69.6	74.6
Kansas										
December 1993	-	-	58.8	59.0	63.9	67.3	69.1	62.7	60.2	59.4
November 1993	-	-	68.5	67.8	74.5	71.5	80.2	72.3	70.0	68.2
December 1992	70.5	75.0	68.1	74.3	74.4	81.5	80.4	74.3	69.9	74.6
Kentucky										
December 1993	-	-	62.7	54.1	71.2	62.5	79.3	67.1	67.5	58.4
November 1993	-	-	67.3	59.3	76.5	66.2	84.0	73.2	72.0	63.3
December 1992	W	W	70.2	65.1	78.0	75.7	84.9	79.7	74.1	70.1
Michigan										
December 1993	-	-	57.9	57.0	65.9	59.4	73.5	62.6	61.5	57.7
November 1993	-	-	64.5	61.8	72.8	69.7	78.7	69.7	67.8	63.6
December 1992	82.1	80.4	67.1	68.3	74.5	74.7	81.9	78.5	70.0	70.8
Minnesota										
December 1993	-	-	71.9	66.7	77.4	75.0	85.6	70.3	74.2	68.7
November 1993	-	-	77.1	72.2	82.9	78.4	89.7	80.3	79.2	74.1
December 1992	78.3	79.4	76.3	74.4	81.8	81.1	86.9	84.3	78.1	76.6
Missouri										
December 1993	-	-	55.4	54.4	64.8	61.1	70.4	60.9	58.7	55.6
November 1993	-	-	63.1	65.0	71.4	67.3	77.5	69.4	66.1	65.6
December 1992	70.4	75.5	65.4	70.1	73.9	78.9	78.7	84.9	68.6	72.2

See footnotes at end of table.

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

Geographic Area Month	Leaded Regular		Unleaded Regular		Unleaded Midgrade		Premium		Motor Gasoline Average	
	Through Company Outlets	Other End Users	Through Company Outlets	Other End Users	Through Company Outlets	Other End Users	Through Company Outlets	Other End Users	Through Company Outlets	Other End Users
Nebraska										
December 1993	-	-	63.8	59.6	69.5	59.1	77.3	55.1	65.3	59.5
November 1993	-	-	72.4	72.7	77.9	63.3	81.6	65.6	73.7	72.1
December 1992	81.2	71.9	73.5	66.2	80.0	W	83.3	76.3	75.1	68.1
North Dakota										
December 1993	-	-	77.3	69.0	86.0	69.1	86.7	87.1	78.2	70.8
November 1993	-	-	80.4	76.4	89.3	74.3	91.5	91.3	81.4	77.6
December 1992	89.9	81.4	84.0	77.3	91.4	85.4	92.2	88.9	85.0	78.1
Ohio										
December 1993	-	-	59.2	55.7	67.2	62.3	75.0	66.6	63.1	58.8
November 1993	-	-	63.3	60.9	71.1	67.6	77.9	71.5	66.9	63.9
December 1992	72.6	82.2	70.8	67.9	78.7	73.7	85.9	77.4	74.2	70.4
Oklahoma										
December 1993	-	-	53.1	52.2	59.9	61.1	65.6	56.1	55.9	53.3
November 1993	-	-	63.0	58.8	70.2	66.1	75.3	64.4	65.5	59.9
December 1992	67.7	W	65.2	61.9	72.8	64.4	77.3	66.4	67.7	62.6
South Dakota										
December 1993	-	-	73.3	66.5	72.2	73.2	82.3	78.7	73.7	69.5
November 1993	-	-	80.5	77.6	77.9	77.6	92.6	83.7	80.8	78.6
December 1992	76.9	77.7	74.3	76.5	78.5	82.8	85.5	85.2	75.3	78.5
Tennessee										
December 1993	-	-	58.9	48.4	69.2	NA	78.2	NA	65.1	54.3
November 1993	-	-	63.9	55.2	74.3	60.4	83.7	64.9	70.0	58.3
December 1992	W	-	67.4	59.2	78.8	66.4	87.2	71.4	73.6	62.7
Wisconsin										
December 1993	-	-	59.5	54.4	67.2	66.9	73.1	62.4	62.0	55.5
November 1993	-	-	66.5	61.3	74.3	72.6	80.1	68.0	68.9	62.3
December 1992	78.0	83.5	70.9	70.6	78.3	77.9	83.7	82.3	73.2	72.6
PAD District III Average										
December 1993	-	-	62.3	55.1	71.8	58.8	80.4	64.9	67.2	57.4
November 1993	-	-	66.4	60.7	75.9	64.2	84.1	69.7	71.2	62.7
December 1992	83.1	75.8	72.4	66.0	81.5	67.9	89.2	73.3	77.0	67.6
Alabama										
December 1993	-	-	61.7	53.8	69.4	61.0	79.0	63.2	67.0	57.1
November 1993	-	-	65.7	58.6	74.1	63.3	83.2	67.8	71.0	61.4
December 1992	W	-	71.9	65.7	81.1	69.0	89.7	76.6	76.7	68.8
Arkansas										
December 1993	-	-	60.9	56.9	70.4	60.3	79.5	63.8	64.9	58.7
November 1993	-	-	66.3	61.1	76.0	66.3	84.0	69.7	70.1	63.4
December 1992	67.4	W	69.9	64.3	78.0	70.3	85.7	73.8	73.3	66.3
Louisiana										
December 1993	-	-	64.3	52.5	76.2	58.1	84.5	64.9	71.0	56.3
November 1993	-	-	67.6	59.1	78.8	67.1	86.9	72.1	73.7	63.5
December 1992	W	W	72.7	69.1	82.6	75.1	90.1	72.2	78.0	70.6
Mississippi										
December 1993	-	-	61.5	54.1	70.3	60.2	79.8	63.9	66.6	57.3
November 1993	-	-	64.2	60.0	73.9	64.5	82.2	71.0	69.3	62.9
December 1992	W	-	70.7	68.4	79.2	72.3	87.0	79.4	75.2	70.9
New Mexico										
December 1993	-	-	75.2	64.7	78.1	66.0	88.2	72.8	76.8	65.4
November 1993	-	-	80.2	74.5	86.9	77.6	94.2	82.1	82.1	75.2
December 1992	85.1	80.6	84.7	73.8	89.2	70.1	97.3	82.7	86.0	75.5
Texas										
December 1993	-	-	60.8	55.0	71.3	56.3	79.3	65.9	65.9	56.9
November 1993	-	-	65.2	59.7	75.5	60.3	83.5	67.4	70.1	60.8
December 1992	80.9	W	71.9	64.3	81.8	65.4	89.2	70.0	76.8	65.3
PAD District IV Average										
December 1993	-	-	75.0	69.7	83.2	66.8	88.7	74.6	77.9	70.2
November 1993	-	-	79.0	76.2	87.5	74.8	92.2	82.0	81.9	76.9
December 1992	82.2	75.3	79.0	72.6	84.8	75.4	91.1	79.6	81.5	74.0
Colorado										
December 1993	-	-	76.5	65.3	85.5	59.4	94.5	69.1	80.2	65.2
November 1993	-	-	81.2	73.7	91.3	70.3	99.7	80.6	85.1	74.1
December 1992	84.9	74.8	79.4	70.9	86.4	71.1	95.0	76.6	82.7	72.2

See footnotes at end of table.

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

Geographic Area Month	Leaded Regular		Unleaded Regular		Unleaded Midgrade		Premium		Motor Gasoline Average	
	Through Company Outlets	Other End Users	Through Company Outlets	Other End Users	Through Company Outlets	Other End Users	Through Company Outlets	Other End Users	Through Company Outlets	Other End Users
Idaho										
December 1993	-	-	73.5	71.8	89.7	W	82.4	80.6	74.7	72.4
November 1993	-	-	77.1	75.3	94.5	69.1	85.8	88.1	78.2	76.0
December 1992	79.1	75.1	78.8	73.0	W	84.3	86.8	83.9	79.6	74.4
Montana										
December 1993	-	-	79.3	75.7	NA	NA	89.5	82.7	80.9	76.7
November 1993	-	-	84.2	82.4	84.4	W	94.3	90.6	85.7	83.1
December 1992	86.5	80.3	85.1	76.5	W	W	91.9	89.8	86.1	78.9
Utah										
December 1993	-	-	69.6	66.5	75.9	NA	81.3	73.4	72.5	68.4
November 1993	-	-	72.0	70.3	75.7	W	83.6	79.2	74.9	73.5
December 1992	78.2	67.0	75.0	68.5	78.8	NA	84.1	74.9	77.4	69.7
Wyoming										
December 1993	-	-	79.1	73.6	81.8	-	88.1	NA	80.4	73.9
November 1993	-	-	82.9	79.9	85.6	-	92.5	85.7	84.3	80.5
December 1992	84.9	74.2	84.6	77.1	83.1	-	94.0	83.7	85.8	77.3
PAD District V Average										
December 1993	-	-	74.5	66.6	78.9	72.2	91.8	79.5	77.7	68.9
November 1993	-	-	78.3	71.1	84.3	74.1	95.7	83.1	81.6	73.0
December 1992	80.7	80.9	86.0	76.6	91.6	77.6	102.9	87.5	88.6	78.4
Alaska										
December 1993	-	-	105.0	90.5	-	W	109.5	88.9	105.6	90.7
November 1993	-	-	106.1	91.7	-	W	111.0	91.9	106.7	91.7
December 1992	119.4	NA	120.3	99.5	-	-	123.4	100.0	120.5	101.5
Arizona										
December 1993	-	-	82.8	60.0	88.7	56.8	100.0	64.8	85.2	60.2
November 1993	-	-	85.3	69.4	89.2	51.5	101.6	74.9	87.6	69.1
December 1992	81.8	76.7	85.6	78.3	91.1	-	102.2	90.2	87.0	78.5
California										
December 1993	-	-	68.2	64.4	76.4	72.3	86.9	78.7	72.5	67.6
November 1993	-	-	72.7	68.5	83.1	74.7	91.2	82.2	77.2	71.2
December 1992	W	W	85.4	73.4	91.5	79.0	102.9	86.6	89.3	76.2
Hawaii										
December 1993	-	-	106.9	69.8	110.4	65.8	123.7	84.0	111.5	73.3
November 1993	-	-	107.7	73.1	111.2	70.0	125.8	86.9	112.5	76.6
December 1992	-	-	102.1	73.1	113.7	68.6	120.3	85.7	108.6	75.6
Nevada										
December 1993	-	-	77.7	65.6	83.8	70.0	95.9	77.9	81.2	66.4
November 1993	-	-	83.1	70.2	87.1	80.9	99.8	90.1	86.2	71.9
December 1992	86.5	NA	85.0	76.4	85.5	76.0	100.3	85.2	87.4	77.1
Oregon										
December 1993	-	-	80.3	71.7	83.8	W	96.9	83.1	82.6	72.9
November 1993	-	-	82.6	76.0	82.4	W	99.6	88.2	84.8	77.2
December 1992	81.5	82.5	86.8	82.6	W	-	103.8	94.1	87.6	83.4
Washington										
December 1993	-	-	73.2	68.0	76.7	73.6	90.9	79.2	76.0	69.6
November 1993	-	-	77.3	75.5	84.5	NA	95.5	81.3	80.2	76.5
December 1992	77.5	78.4	82.6	79.1	W	W	99.0	88.3	83.9	79.8

Dashes (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

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

Sources: 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												
December 1993	69.4	50.4	52.1	67.3	51.6	42.9	68.9	50.7	50.1	67.3	62.4	51.8
November 1993	73.7	58.8	58.6	72.1	57.2	50.5	73.3	58.5	56.8	72.0	67.6	58.0
December 1992	79.9	64.5	66.0	76.6	65.2	55.8	79.0	64.6	63.8	77.1	73.0	64.5
PAD District I Average												
December 1993	71.0	47.3	53.4	66.4	50.8	42.9	70.2	48.5	52.2	68.1	60.5	52.8
November 1993	74.3	53.9	59.0	70.0	58.1	50.0	73.5	55.3	58.1	71.9	64.3	58.2
December 1992	81.1	63.3	67.9	76.6	63.1	58.1	80.4	63.2	66.9	79.0	72.3	67.0
Subdistrict 1A Average												
December 1993	76.7	47.9	55.1	-	W	43.1	76.7	46.5	54.0	72.1	56.9	52.9
November 1993	79.5	53.2	58.9	-	W	49.7	79.5	53.9	58.1	75.2	61.8	57.8
December 1992	89.5	64.2	70.3	-	W	58.4	89.5	61.9	69.9	85.3	71.5	68.0
Connecticut												
December 1993	W	53.6	57.3	-	-	W	W	53.6	56.5	74.7	56.2	55.2
November 1993	W	58.5	63.4	-	W	W	W	58.9	61.6	77.3	62.6	59.1
December 1992	W	68.2	72.4	-	W	W	W	67.1	72.2	86.8	74.7	74.4
Maine												
December 1993	-	W	49.2	-	-	W	-	W	49.2	74.2	59.5	56.1
November 1993	-	53.3	54.8	-	-	W	-	53.3	54.6	78.1	67.8	57.2
December 1992	-	W	63.2	-	W	W	-	61.1	63.1	87.0	74.2	67.9
Massachusetts												
December 1993	75.5	47.1	54.9	-	W	W	75.5	45.2	54.1	69.4	53.2	48.7
November 1993	78.6	W	57.1	-	W	W	78.6	53.2	56.8	72.5	56.3	55.0
December 1992	89.3	62.5	70.8	-	W	W	89.3	60.4	70.5	83.6	67.4	65.3
New Hampshire												
December 1993	75.8	W	60.6	-	W	W	75.8	51.8	58.6	74.2	66.9	58.5
November 1993	77.6	W	64.2	-	W	W	77.6	W	64.2	76.8	69.3	63.8
December 1992	W	60.0	69.9	-	W	W	W	59.3	69.0	85.1	73.6	72.1
Rhode Island												
December 1993	W	W	54.1	-	W	W	72.6	46.0	50.9	68.1	NA	47.5
November 1993	W	W	59.0	-	W	W	76.4	51.5	56.5	71.8	67.8	53.0
December 1992	84.4	W	69.9	-	W	W	84.4	63.5	68.5	83.5	66.9	59.1
Vermont												
December 1993	-	W	57.8	-	W	W	-	W	56.6	77.8	66.3	62.5
November 1993	-	-	63.3	-	W	W	-	W	62.0	81.4	70.7	67.4
December 1992	-	W	W	-	W	W	-	W	70.3	87.3	77.0	75.2
Subdistrict 1B Average												
December 1993	73.9	W	56.9	67.8	55.6	44.7	72.8	52.1	55.6	69.1	61.4	53.3
November 1993	76.3	W	62.2	69.9	62.4	52.1	75.1	58.6	61.2	72.6	65.2	59.5
December 1992	85.3	W	72.6	77.9	66.3	60.9	84.0	66.6	71.3	81.9	74.4	68.1
Delaware												
December 1993	W	48.7	54.0	-	-	W	W	48.7	52.9	63.7	58.6	53.1
November 1993	W	W	58.5	-	-	W	W	W	57.6	65.7	62.5	57.0
December 1992	W	W	69.5	-	-	W	W	W	68.0	78.4	70.5	63.2
District of Columbia												
December 1993	-	W	W	-	-	W	-	W	71.4	W	55.5	54.3
November 1993	-	W	W	-	-	W	-	W	74.2	W	59.8	55.8
December 1992	-	W	82.9	-	-	-	-	W	82.9	W	66.2	69.0
Maryland												
December 1993	-	48.6	61.0	W	W	61.1	W	48.6	61.0	68.5	62.3	54.0
November 1993	-	55.5	64.9	W	W	65.4	W	55.5	65.0	71.3	66.2	58.8
December 1992	-	65.9	W	-	W	75.5	-	65.4	74.0	81.8	73.1	69.4
New Jersey												
December 1993	80.5	51.2	56.3	W	W	40.9	80.1	51.3	54.7	73.5	64.9	50.1
November 1993	83.9	57.4	64.2	W	W	50.7	83.4	57.8	63.2	77.4	67.0	59.3
December 1992	95.4	68.7	76.4	W	W	59.3	95.0	68.1	74.5	91.1	77.4	68.1
New York												
December 1993	73.0	51.3	61.7	W	W	44.1	70.5	50.5	59.5	72.8	58.8	53.3
November 1993	75.7	57.7	64.5	W	W	51.3	73.1	56.9	63.2	76.6	63.0	58.8
December 1992	82.9	70.2	73.8	W	W	59.8	80.4	68.0	72.3	82.5	72.1	70.4
Pennsylvania												
December 1993	70.5	49.0	51.1	72.1	59.6	41.9	70.8	55.6	50.1	65.4	63.2	54.6
November 1993	72.0	55.0	56.5	74.4	66.0	48.3	72.5	62.0	55.5	68.5	66.7	60.6
December 1992	81.3	66.2	67.0	82.2	66.3	57.4	81.5	66.2	65.8	79.0	76.8	66.9

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												
December 1993	68.7	45.6	49.6	65.5	47.5	41.4	68.1	46.1	48.6	66.5	60.5	52.4
November 1993	72.6	52.5	56.1	70.0	54.7	48.5	72.1	53.0	55.2	70.6	64.2	57.5
December 1992	78.1	60.5	62.9	75.9	59.9	55.8	77.7	60.3	62.0	76.5	70.7	65.7
Florida												
December 1993	70.7	44.2	54.6	61.5	W	42.4	69.7	44.9	52.9	68.1	NA	53.7
November 1993	75.0	51.1	60.3	70.2	W	49.1	74.5	51.7	58.8	72.2	NA	58.3
December 1992	80.2	59.4	67.0	77.2	W	56.4	80.0	58.9	65.4	79.7	72.9	65.6
Georgia												
December 1993	65.3	45.2	46.6	64.6	W	40.8	65.2	45.1	45.7	66.0	59.9	49.2
November 1993	68.7	52.8	53.3	68.3	W	47.9	68.6	52.7	52.6	70.6	63.0	54.9
December 1992	73.2	60.2	60.4	71.2	W	55.3	72.9	60.1	59.6	75.3	69.2	66.8
North Carolina												
December 1993	64.4	44.2	45.4	W	NA	41.4	63.5	44.0	45.0	62.7	55.0	53.6
November 1993	68.4	51.1	52.1	W	W	48.5	67.8	50.8	51.7	67.1	60.6	58.2
December 1992	75.3	59.6	59.6	W	-	55.5	75.1	59.6	59.2	74.3	67.5	64.8
South Carolina												
December 1993	59.3	44.9	43.5	W	-	39.0	59.3	44.9	43.1	64.6	62.6	49.4
November 1993	63.1	52.1	51.4	W	-	47.0	63.0	52.1	50.9	68.4	67.5	55.4
December 1992	69.8	59.4	58.5	W	-	55.1	69.6	59.4	58.1	73.2	65.4	64.4
Virginia												
December 1993	79.2	47.9	52.2	W	43.1	41.3	74.5	47.0	51.2	68.4	60.7	55.8
November 1993	82.4	54.0	58.4	W	52.5	49.0	77.3	53.7	57.6	72.2	64.5	60.7
December 1992	86.6	62.0	65.0	W	W	56.2	81.9	60.6	64.0	77.3	75.1	66.4
West Virginia												
December 1993	78.8	56.8	50.0	W	W	41.0	77.9	57.5	48.2	70.8	60.3	58.3
November 1993	80.7	64.8	56.8	W	W	49.6	79.6	63.8	55.4	71.6	66.1	63.3
December 1992	86.2	69.4	64.5	W	W	56.4	84.7	68.7	62.8	82.2	70.0	69.7
PAD District II Average												
December 1993	63.9	51.6	46.5	62.5	47.2	41.9	63.5	51.3	45.3	63.1	60.7	51.1
November 1993	69.0	58.5	54.1	68.9	55.0	50.4	68.9	58.2	53.2	69.5	67.3	57.5
December 1992	74.2	64.2	60.1	70.1	59.5	55.5	73.1	64.0	58.8	72.7	72.6	61.9
Illinois												
December 1993	64.0	48.2	49.0	W	NA	43.5	64.7	48.1	48.2	65.3	59.9	52.5
November 1993	68.8	55.5	55.3	W	-	49.2	69.2	55.5	54.3	71.1	65.7	57.5
December 1992	76.3	59.0	62.5	W	W	55.0	75.6	59.1	61.0	75.3	71.2	61.3
Indiana												
December 1993	61.0	46.1	45.7	W	W	43.0	61.2	45.7	45.3	62.8	60.3	50.8
November 1993	65.9	54.5	53.3	W	W	49.8	65.9	54.1	52.8	67.9	66.3	58.2
December 1992	72.9	57.2	59.4	W	W	55.7	72.0	57.3	58.7	73.2	72.9	62.0
Iowa												
December 1993	56.9	W	44.9	55.7	-	40.9	56.0	W	43.3	57.5	61.7	49.7
November 1993	69.5	W	55.1	67.2	-	51.0	67.8	W	53.4	66.9	67.5	57.2
December 1992	70.9	58.6	58.3	69.1	-	55.5	69.5	58.6	57.2	69.7	74.9	62.2
Kansas												
December 1993	56.0	45.4	43.9	58.1	NA	40.0	57.2	45.1	41.5	61.4	61.6	47.5
November 1993	67.2	55.5	53.3	68.3	W	49.8	67.8	54.0	51.0	70.8	70.0	57.3
December 1992	70.0	W	57.1	66.5	W	54.1	68.0	56.4	55.0	70.7	76.3	59.4
Kentucky												
December 1993	67.3	51.4	46.4	64.2	-	42.3	67.0	51.4	46.2	67.7	60.2	55.0
November 1993	72.8	57.9	53.6	71.9	-	49.5	72.7	57.9	53.4	71.6	64.7	58.6
December 1992	75.4	65.7	60.8	70.3	-	56.1	74.8	65.7	60.4	73.7	71.2	66.0
Michigan												
December 1993	61.7	53.1	46.7	W	NA	41.9	61.4	53.1	46.0	61.7	59.5	49.5
November 1993	66.9	59.2	54.0	W	W	50.1	67.1	59.1	53.5	68.7	66.0	55.8
December 1992	69.6	65.0	59.8	W	W	56.9	68.8	64.9	59.4	71.3	72.8	62.3
Minnesota												
December 1993	76.8	56.5	50.0	76.7	NA	NA	76.8	54.5	48.1	71.6	69.4	54.7
November 1993	80.9	64.5	60.3	80.1	W	54.4	80.7	62.7	57.7	77.6	74.6	61.5
December 1992	76.4	67.4	63.1	78.7	W	57.3	77.0	65.9	60.8	78.9	77.4	63.9
Missouri												
December 1993	60.3	51.4	45.5	58.4	NA	40.9	59.4	51.2	44.2	58.4	56.2	49.2
November 1993	67.4	57.8	53.7	66.1	W	49.8	66.7	57.6	52.5	65.9	66.4	56.1
December 1992	70.8	59.5	59.0	67.2	-	54.8	69.3	59.5	57.6	68.3	73.3	60.4

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												
December 1993	W	W	44.7	60.2	W	41.1	62.0	43.3	42.8	66.0	60.2	48.4
November 1993	W	55.4	55.8	71.5	W	51.7	73.1	54.4	53.7	73.9	73.2	58.0
December 1992	W	W	58.5	70.9	W	55.9	72.5	55.8	57.2	75.8	68.8	63.9
North Dakota												
December 1993	75.4	W	49.6	-	-	43.8	75.4	W	46.9	78.3	71.0	52.0
November 1993	81.0	W	60.4	-	-	55.0	81.0	W	57.7	81.4	77.8	60.7
December 1992	83.4	W	62.0	W	-	57.9	83.2	W	59.9	85.1	78.2	62.1
Ohio												
December 1993	63.7	53.5	47.7	W	W	41.5	63.7	53.8	47.3	61.4	62.8	51.6
November 1993	67.1	59.8	54.6	W	W	50.0	67.3	60.0	54.3	65.8	66.9	56.4
December 1992	75.5	68.3	61.7	W	W	56.4	75.0	68.5	61.3	72.7	71.4	61.9
Oklahoma												
December 1993	54.7	43.6	40.7	55.9	43.1	41.6	55.0	43.5	41.2	56.3	56.8	49.4
November 1993	67.0	53.9	50.1	68.1	W	48.8	67.3	53.5	49.5	64.6	62.7	56.3
December 1992	69.2	56.3	55.2	68.0	W	54.6	68.8	55.9	54.9	67.2	65.7	58.5
South Dakota												
December 1993	W	W	47.7	W	W	44.3	68.3	55.3	46.1	74.0	70.1	54.6
November 1993	W	W	59.4	W	W	56.1	75.1	67.9	57.8	81.0	79.0	64.4
December 1992	W	W	59.0	W	W	56.8	W	W	57.9	75.4	78.6	63.0
Tennessee												
December 1993	68.3	49.1	45.6	64.4	38.7	40.7	66.8	47.3	44.9	64.1	55.3	52.9
November 1993	72.4	55.4	52.3	68.8	48.4	47.7	71.0	54.3	51.7	69.4	59.0	57.8
December 1992	76.2	59.9	59.4	74.7	57.1	54.9	75.6	59.3	58.5	71.8	63.1	63.8
Wisconsin												
December 1993	59.0	45.5	45.6	W	W	NA	60.3	44.9	44.6	62.5	55.8	48.6
November 1993	66.8	54.0	53.6	W	W	50.7	68.0	53.1	52.7	69.2	62.6	56.0
December 1992	72.1	57.3	59.3	W	W	56.4	71.5	57.1	58.4	74.3	72.8	60.2
PAD District III Average												
December 1993	70.4	46.4	45.5	65.6	NA	40.7	68.6	44.7	43.6	66.5	59.3	47.7
November 1993	74.5	55.3	52.6	69.6	46.9	48.1	72.5	51.5	50.8	70.4	64.2	54.7
December 1992	79.9	59.3	58.0	76.3	54.9	53.9	78.5	58.5	56.5	75.9	68.6	61.9
Alabama												
December 1993	66.0	43.9	45.3	61.8	W	40.2	64.9	43.9	44.2	67.3	59.2	58.1
November 1993	70.8	51.0	51.9	65.9	48.3	47.6	69.6	50.8	51.1	71.3	63.0	62.1
December 1992	76.2	57.0	58.5	75.4	W	54.8	76.0	57.0	57.7	76.9	70.6	71.3
Arkansas												
December 1993	W	W	44.4	W	W	40.6	64.3	44.5	42.5	65.1	58.9	49.6
November 1993	72.9	W	52.3	W	W	48.8	70.0	52.6	50.7	70.1	63.5	NA
December 1992	82.3	57.0	57.6	W	W	54.5	75.6	57.0	56.4	72.5	66.7	60.2
Louisiana												
December 1993	75.2	43.7	46.5	68.1	49.9	39.8	74.0	43.8	44.7	70.0	58.5	51.6
November 1993	78.4	50.7	52.0	71.1	51.7	46.6	76.9	50.7	50.5	72.6	65.0	57.1
December 1992	82.4	57.6	58.8	78.3	61.5	54.8	81.6	57.9	57.8	75.8	73.1	69.0
Mississippi												
December 1993	66.1	47.2	42.6	W	41.3	41.1	66.3	46.4	42.3	66.6	58.6	51.7
November 1993	W	51.9	50.8	70.2	47.6	47.1	68.9	50.4	49.5	69.3	63.7	55.1
December 1992	W	56.9	56.9	75.3	54.8	53.7	75.6	56.2	55.9	75.2	71.9	61.9
New Mexico												
December 1993	82.4	W	54.7	88.9	W	49.9	87.0	57.5	52.6	72.5	66.0	58.0
November 1993	87.9	W	66.7	89.5	W	62.1	89.1	71.1	64.6	79.3	75.4	67.5
December 1992	87.6	67.2	63.8	88.4	62.4	60.8	88.1	66.3	62.5	84.9	76.7	71.2
Texas												
December 1993	69.8	49.1	45.5	63.4	NA	40.4	67.4	44.4	43.2	64.5	59.4	45.5
November 1993	74.2	61.3	52.6	67.9	W	47.5	71.5	51.3	50.3	68.7	63.0	52.7
December 1992	79.6	60.3	57.6	75.5	W	53.3	78.0	58.6	55.8	75.4	66.0	59.4
PAD District IV Average												
December 1993	79.2	59.8	57.3	80.0	70.1	52.3	79.5	64.4	55.3	76.7	70.7	60.0
November 1993	82.7	69.1	68.1	84.6	76.5	64.4	83.5	72.4	66.6	80.7	77.2	68.7
December 1992	80.8	63.6	63.0	83.5	70.5	59.3	81.9	66.8	61.4	81.2	74.5	65.8

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												
December 1993	81.1	W	53.0	80.1	W	46.6	80.6	54.6	50.4	79.5	65.6	54.9
November 1993	87.1	W	66.4	85.0	W	60.8	86.0	68.7	64.0	83.6	74.3	65.6
December 1992	82.4	W	64.0	83.7	W	58.7	83.0	W	61.6	82.0	72.6	67.5
Idaho												
December 1993	-	W	61.2	W	W	59.1	W	63.4	60.3	74.6	72.8	NA
November 1993	-	W	69.6	W	-	67.8	W	W	68.9	78.2	76.1	71.7
December 1992	-	W	64.6	W	-	62.6	W	W	63.9	79.6	74.5	69.1
Montana												
December 1993	-	W	60.6	W	104.7	59.4	W	87.7	60.2	80.8	76.1	63.7
November 1993	-	W	71.5	W	105.0	70.0	W	95.9	71.0	85.7	82.5	72.6
December 1992	-	W	59.8	W	80.8	59.4	W	80.4	59.6	86.1	78.8	60.8
Utah												
December 1993	75.3	W	59.9	W	W	54.9	75.5	60.1	58.3	71.1	70.1	63.2
November 1993	73.0	W	67.2	W	W	64.9	73.2	67.2	66.4	75.6	74.7	68.5
December 1992	77.2	W	63.2	W	W	59.3	77.2	64.0	61.8	77.5	71.2	67.6
Wyoming												
December 1993	W	63.5	53.5	78.4	W	49.6	76.8	63.1	51.3	81.2	74.8	59.7
November 1993	W	72.4	69.6	82.3	W	65.2	80.7	72.8	67.1	85.1	80.9	72.3
December 1992	W	63.6	59.1	84.1	W	57.4	82.3	64.1	58.1	86.5	78.1	63.7
PAD District V Average												
December 1993	75.9	60.0	63.7	76.1	68.4	48.9	76.0	61.9	61.2	80.4	69.9	58.9
November 1993	80.7	67.9	68.3	79.8	66.9	52.4	80.5	67.7	65.6	83.3	74.2	62.5
December 1992	89.5	69.4	77.2	89.7	78.2	56.6	89.5	71.4	74.1	87.4	80.2	69.0
Alaska												
December 1993	W	W	75.6	103.2	W	W	102.3	W	73.5	123.6	95.4	82.9
November 1993	W	W	77.5	104.8	W	W	103.8	W	76.3	121.9	99.2	87.3
December 1992	W	W	88.0	114.3	90.7	W	113.9	90.7	85.9	NA	112.5	96.5
Arizona												
December 1993	86.1	60.7	73.1	92.4	W	48.8	86.5	60.2	68.3	84.2	60.2	63.5
November 1993	89.9	71.9	76.2	W	W	56.4	90.2	68.2	73.6	85.8	69.2	67.2
December 1992	87.8	71.5	76.3	W	75.3	63.3	87.8	72.7	74.7	86.5	79.2	73.6
California												
December 1993	73.2	60.0	62.3	70.4	W	48.2	72.4	60.3	59.8	72.9	68.2	56.5
November 1993	78.4	68.5	67.0	74.6	W	50.7	77.2	68.6	64.0	76.9	71.8	59.9
December 1992	91.4	69.4	77.9	86.3	60.6	54.4	89.9	68.8	74.3	87.5	78.1	66.3
Hawaii												
December 1993	W	W	W	W	W	W	108.5	W	90.7	114.0	93.6	106.5
November 1993	W	W	W	W	W	W	109.7	W	93.9	114.9	96.0	105.9
December 1992	W	W	W	W	W	W	107.7	W	97.1	W	110.9	108.0
Nevada												
December 1993	W	61.6	62.0	W	W	53.9	72.6	61.4	60.5	83.4	67.0	56.7
November 1993	W	66.5	64.7	W	W	54.5	76.1	63.2	62.7	88.2	73.6	60.7
December 1992	W	74.4	69.3	W	W	56.9	80.7	73.1	66.8	89.1	78.7	68.5
Oregon												
December 1993	82.0	59.3	62.5	W	W	45.5	82.3	70.1	58.2	82.7	73.0	63.8
November 1993	86.2	67.9	68.2	W	W	54.7	86.4	66.2	66.1	84.2	77.7	69.5
December 1992	91.0	72.0	73.3	W	W	60.3	91.1	82.7	71.6	86.1	83.4	75.1
Washington												
December 1993	73.7	59.0	64.0	W	-	50.8	74.7	59.0	62.5	77.9	70.2	61.3
November 1993	78.8	63.9	69.4	W	-	58.9	79.7	63.9	68.4	81.0	77.0	64.8
December 1992	82.8	74.0	74.1	W	-	62.0	83.8	74.0	72.8	83.9	80.0	72.3

Dashes (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

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

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

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

Geographic Area Month	Major Refiners			Other Refiners			All Refiners			Resellers		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
U.S. Average												
December 1993	-	-	-	-	-	-	-	-	-	-	-	-
November 1993	-	-	-	-	-	-	-	-	-	-	-	-
December 1992	78.5	75.1	68.0	87.1	NA	60.0	81.0	73.8	65.2	80.8	78.6	69.2
PAD District I Average												
December 1993	-	-	-	-	-	-	-	-	-	-	-	-
November 1993	-	-	-	-	-	-	-	-	-	-	-	-
December 1992	-	W	W	-	-	-	-	W	W	74.1	80.0	W
Subdistrict IA Average												
December 1993	-	-	-	-	-	-	-	-	-	-	-	-
November 1993	-	-	-	-	-	-	-	-	-	-	-	-
December 1992	-	-	-	-	-	-	-	-	-	-	W	W
Connecticut												
December 1993	-	-	-	-	-	-	-	-	-	-	-	-
November 1993	-	-	-	-	-	-	-	-	-	-	-	-
December 1992	-	-	-	-	-	-	-	-	-	-	-	-
Maine												
December 1993	-	-	-	-	-	-	-	-	-	-	-	-
November 1993	-	-	-	-	-	-	-	-	-	-	-	-
December 1992	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts												
December 1993	-	-	-	-	-	-	-	-	-	-	-	-
November 1993	-	-	-	-	-	-	-	-	-	-	-	-
December 1992	-	-	-	-	-	-	-	-	-	-	-	-
New Hampshire												
December 1993	-	-	-	-	-	-	-	-	-	-	-	-
November 1993	-	-	-	-	-	-	-	-	-	-	-	-
December 1992	-	-	-	-	-	-	-	-	-	-	-	-
Rhode Island												
December 1993	-	-	-	-	-	-	-	-	-	-	-	-
November 1993	-	-	-	-	-	-	-	-	-	-	-	-
December 1992	-	-	-	-	-	-	-	-	-	-	-	-
Vermont												
December 1993	-	-	-	-	-	-	-	-	-	-	-	-
November 1993	-	-	-	-	-	-	-	-	-	-	-	-
December 1992	-	-	-	-	-	-	-	-	-	-	W	W
Subdistrict IB Average												
December 1993	-	-	-	-	-	-	-	-	-	-	-	-
November 1993	-	-	-	-	-	-	-	-	-	-	-	-
December 1992	-	W	W	-	-	-	-	W	W	W	NA	W
Delaware												
December 1993	-	-	-	-	-	-	-	-	-	-	-	-
November 1993	-	-	-	-	-	-	-	-	-	-	-	-
December 1992	-	-	-	-	-	-	-	-	-	-	-	-
District of Columbia												
December 1993	-	-	-	-	-	-	-	-	-	-	-	-
November 1993	-	-	-	-	-	-	-	-	-	-	-	-
December 1992	-	-	-	-	-	-	-	-	-	-	-	-
Maryland												
December 1993	-	-	-	-	-	-	-	-	-	-	-	-
November 1993	-	-	-	-	-	-	-	-	-	-	-	-
December 1992	-	-	-	-	-	-	-	-	-	-	-	-
New Jersey												
December 1993	-	-	-	-	-	-	-	-	-	-	-	-
November 1993	-	-	-	-	-	-	-	-	-	-	-	-
December 1992	-	-	-	-	-	-	-	-	-	-	W	W
New York												
December 1993	-	-	-	-	-	-	-	-	-	-	-	-
November 1993	-	-	-	-	-	-	-	-	-	-	-	-
December 1992	-	W	W	-	-	-	-	W	W	W	W	-
Pennsylvania												
December 1993	-	-	-	-	-	-	-	-	-	-	-	-
November 1993	-	-	-	-	-	-	-	-	-	-	-	-
December 1992	-	W	-	-	-	-	-	W	-	-	78.0	-

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	
Subdistrict IC Average												
December 1993	-	-	-	-	-	-	-	-	-	-	-	-
November 1993	-	-	-	-	-	-	-	-	-	-	-	-
December 1992	-	W	-	-	-	-	-	W	-	W	W	-
Florida												
December 1993	-	-	-	-	-	-	-	-	-	-	-	-
November 1993	-	-	-	-	-	-	-	-	-	-	-	-
December 1992	-	-	-	-	-	-	-	-	-	W	-	-
Georgia												
December 1993	-	-	-	-	-	-	-	-	-	-	-	-
November 1993	-	-	-	-	-	-	-	-	-	-	-	-
December 1992	-	-	-	-	-	-	-	-	-	W	-	-
North Carolina												
December 1993	-	-	-	-	-	-	-	-	-	-	-	-
November 1993	-	-	-	-	-	-	-	-	-	-	-	-
December 1992	-	-	-	-	-	-	-	-	-	W	-	-
South Carolina												
December 1993	-	-	-	-	-	-	-	-	-	-	-	-
November 1993	-	-	-	-	-	-	-	-	-	-	-	-
December 1992	-	-	-	-	-	-	-	-	-	-	-	-
Virginia												
December 1993	-	-	-	-	-	-	-	-	-	-	-	-
November 1993	-	-	-	-	-	-	-	-	-	-	-	-
December 1992	-	-	-	-	-	-	-	-	-	-	W	-
West Virginia												
December 1993	-	-	-	-	-	-	-	-	-	-	-	-
November 1993	-	-	-	-	-	-	-	-	-	-	-	-
December 1992	-	W	-	-	-	-	-	W	-	-	-	-
PAD District II Average												
December 1993	-	-	-	-	-	-	-	-	-	-	-	-
November 1993	-	-	-	-	-	-	-	-	-	-	-	-
December 1992	81.4	W	57.2	74.1	-	57.8	77.5	W	57.7	78.2	79.6	62.5
Illinois												
December 1993	-	-	-	-	-	-	-	-	-	-	-	-
November 1993	-	-	-	-	-	-	-	-	-	-	-	-
December 1992	-	-	-	-	-	W	-	-	W	78.1	NA	NA
Indiana												
December 1993	-	-	-	-	-	-	-	-	-	-	-	-
November 1993	-	-	-	-	-	-	-	-	-	-	-	-
December 1992	-	W	-	-	-	W	-	W	W	81.4	82.6	64.4
Iowa												
December 1993	-	-	-	-	-	-	-	-	-	-	-	-
November 1993	-	-	-	-	-	-	-	-	-	-	-	-
December 1992	-	-	-	W	-	-	W	-	-	76.6	74.4	60.1
Kansas												
December 1993	-	-	-	-	-	-	-	-	-	-	-	-
November 1993	-	-	-	-	-	-	-	-	-	-	-	-
December 1992	-	-	-	W	-	W	W	-	W	70.4	75.0	64.1
Kentucky												
December 1993	-	-	-	-	-	-	-	-	-	-	-	-
November 1993	-	-	-	-	-	-	-	-	-	-	-	-
December 1992	-	W	W	W	-	W	W	W	W	W	-	-
Michigan												
December 1993	-	-	-	-	-	-	-	-	-	-	-	-
November 1993	-	-	-	-	-	-	-	-	-	-	-	-
December 1992	-	-	NA	W	-	W	W	-	60.1	82.1	80.4	67.2
Minnesota												
December 1993	-	-	-	-	-	-	-	-	-	-	-	-
November 1993	-	-	-	-	-	-	-	-	-	-	-	-
December 1992	W	-	-	W	-	-	W	-	-	77.8	79.4	60.8
Missouri												
December 1993	-	-	-	-	-	-	-	-	-	-	-	-
November 1993	-	-	-	-	-	-	-	-	-	-	-	-
December 1992	-	-	-	W	-	-	W	-	-	70.4	75.5	69.3

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												
December 1993	-	-	-	-	-	-	-	-	-	-	-	-
November 1993	-	-	-	-	-	-	-	-	-	-	-	-
December 1992	-	-	W	W	-	56.6	W	-	56.8	81.8	71.9	58.8
North Dakota												
December 1993	-	-	-	-	-	-	-	-	-	-	-	-
November 1993	-	-	-	-	-	-	-	-	-	-	-	-
December 1992	W	-	W	W	-	57.6	W	-	57.5	89.8	81.4	61.4
Ohio												
December 1993	-	-	-	-	-	-	-	-	-	-	-	-
November 1993	-	-	-	-	-	-	-	-	-	-	-	-
December 1992	-	W	W	-	-	-	-	W	W	72.6	W	-
Oklahoma												
December 1993	-	-	-	-	-	-	-	-	-	-	-	-
November 1993	-	-	-	-	-	-	-	-	-	-	-	-
December 1992	W	-	W	-	-	55.0	W	-	55.1	67.7	W	60.7
South Dakota												
December 1993	-	-	-	-	-	-	-	-	-	-	-	-
November 1993	-	-	-	-	-	-	-	-	-	-	-	-
December 1992	-	-	W	-	-	57.5	-	-	57.2	76.9	77.7	61.5
Tennessee												
December 1993	-	-	-	-	-	-	-	-	-	-	-	-
November 1993	-	-	-	-	-	-	-	-	-	-	-	-
December 1992	-	-	-	-	-	-	-	-	-	W	-	-
Wisconsin												
December 1993	-	-	-	-	-	-	-	-	-	-	-	-
November 1993	-	-	-	-	-	-	-	-	-	-	-	-
December 1992	-	-	-	-	-	-	-	-	-	78.0	83.5	63.0
PAD District III Average												
December 1993	-	-	-	-	-	-	-	-	-	-	-	-
November 1993	-	-	-	-	-	-	-	-	-	-	-	-
December 1992	W	-	62.0	88.0	W	60.6	88.0	W	61.1	81.7	75.9	72.3
Alabama												
December 1993	-	-	-	-	-	-	-	-	-	-	-	-
November 1993	-	-	-	-	-	-	-	-	-	-	-	-
December 1992	-	-	-	-	-	-	-	-	-	W	-	-
Arkansas												
December 1993	-	-	-	-	-	-	-	-	-	-	-	-
November 1993	-	-	-	-	-	-	-	-	-	-	-	-
December 1992	-	-	-	-	-	W	-	-	W	67.4	W	W
Louisiana												
December 1993	-	-	-	-	-	-	-	-	-	-	-	-
November 1993	-	-	-	-	-	-	-	-	-	-	-	-
December 1992	-	-	-	-	-	-	-	-	-	W	W	-
Mississippi												
December 1993	-	-	-	-	-	-	-	-	-	-	-	-
November 1993	-	-	-	-	-	-	-	-	-	-	-	-
December 1992	-	-	-	-	-	-	-	-	-	W	-	-
New Mexico												
December 1993	-	-	-	-	-	-	-	-	-	-	-	-
November 1993	-	-	-	-	-	-	-	-	-	-	-	-
December 1992	W	-	61.1	87.0	W	61.3	87.0	W	61.2	84.3	80.7	72.4
Texas												
December 1993	-	-	-	-	-	-	-	-	-	-	-	-
November 1993	-	-	-	-	-	-	-	-	-	-	-	-
December 1992	-	-	64.8	W	-	58.9	W	-	60.9	78.9	W	72.7
PAD District IV Average												
December 1993	-	-	-	-	-	-	-	-	-	-	-	-
November 1993	-	-	-	-	-	-	-	-	-	-	-	-
December 1992	W	W	60.7	83.9	W	59.4	83.0	64.8	60.1	82.0	75.4	65.6

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												
December 1993	-	-	-	-	-	-	-	-	-	-	-	-
November 1993	-	-	-	-	-	-	-	-	-	-	-	-
December 1992	W	-	W	85.1	-	60.3	85.3	-	61.0	84.6	74.8	68.1
Idaho												
December 1993	-	-	-	-	-	-	-	-	-	-	-	-
November 1993	-	-	-	-	-	-	-	-	-	-	-	-
December 1992	-	W	62.7	W	-	62.1	W	W	62.5	79.1	75.1	69.3
Montana												
December 1993	-	-	-	-	-	-	-	-	-	-	-	-
November 1993	-	-	-	-	-	-	-	-	-	-	-	-
December 1992	-	-	W	W	W	58.1	W	W	58.3	86.5	80.3	59.8
Utah												
December 1993	-	-	-	-	-	-	-	-	-	-	-	-
November 1993	-	-	-	-	-	-	-	-	-	-	-	-
December 1992	W	W	60.3	W	W	58.5	W	W	59.4	78.5	67.2	66.8
Wyoming												
December 1993	-	-	-	-	-	-	-	-	-	-	-	-
November 1993	-	-	-	-	-	-	-	-	-	-	-	-
December 1992	W	-	58.5	82.5	-	57.3	80.5	-	W	85.7	74.2	62.3
PAD District V Average												
December 1993	-	-	-	-	-	-	-	-	-	-	-	-
November 1993	-	-	-	-	-	-	-	-	-	-	-	-
December 1992	78.2	71.3	70.9	88.9	NA	61.2	80.2	73.1	69.2	80.9	81.1	72.2
Alaska												
December 1993	-	-	-	-	-	-	-	-	-	-	-	-
November 1993	-	-	-	-	-	-	-	-	-	-	-	-
December 1992	W	-	W	W	W	W	W	W	91.3	NA	NA	98.5
Arizona												
December 1993	-	-	-	-	-	-	-	-	-	-	-	-
November 1993	-	-	-	-	-	-	-	-	-	-	-	-
December 1992	81.2	W	73.0	W	W	63.0	81.5	71.0	70.9	82.0	76.9	72.9
California												
December 1993	-	-	-	-	-	-	-	-	-	-	-	-
November 1993	-	-	-	-	-	-	-	-	-	-	-	-
December 1992	W	-	-	-	-	-	W	-	-	-	W	85.5
Hawaii												
December 1993	-	-	-	-	-	-	-	-	-	-	-	-
November 1993	-	-	-	-	-	-	-	-	-	-	-	-
December 1992	-	-	-	-	-	-	-	-	-	-	-	-
Nevada												
December 1993	-	-	-	-	-	-	-	-	-	-	-	-
November 1993	-	-	-	-	-	-	-	-	-	-	-	-
December 1992	-	-	60.0	-	-	W	-	-	60.4	86.5	NA	NA
Oregon												
December 1993	-	-	-	-	-	-	-	-	-	-	-	-
November 1993	-	-	-	-	-	-	-	-	-	-	-	-
December 1992	83.6	W	71.0	W	-	59.6	84.4	W	68.9	80.6	82.5	73.9
Washington												
December 1993	-	-	-	-	-	-	-	-	-	-	-	-
November 1993	-	-	-	-	-	-	-	-	-	-	-	-
December 1992	74.3	68.5	69.3	W	-	60.6	76.7	68.5	68.0	78.4	78.4	70.1

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 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												
December 1993	63.6	48.6	48.0	64.1	49.8	42.0	63.7	48.9	46.4	63.5	60.2	49.0
November 1993	68.0	57.7	54.8	69.1	55.4	49.6	68.4	57.2	53.4	68.5	65.8	55.5
December 1992	74.6	62.4	62.0	73.5	63.6	54.7	74.3	62.7	60.0	73.4	70.7	61.6
PAD District I Average												
December 1993	62.6	45.5	48.0	62.5	48.8	41.4	62.6	46.5	47.0	62.5	56.5	49.3
November 1993	66.2	52.2	53.8	66.0	56.3	48.5	66.1	53.4	53.0	66.6	61.0	55.0
December 1992	73.6	61.0	62.8	73.0	60.8	56.4	73.5	60.9	61.9	73.6	68.5	63.7
Subdistrict IA Average												
December 1993	67.9	46.4	50.5	-	W	42.0	67.9	44.6	49.6	66.6	52.3	49.6
November 1993	71.1	51.3	54.5	-	W	49.1	71.1	52.3	53.9	70.1	58.3	54.6
December 1992	81.3	61.0	65.9	-	W	56.6	81.3	59.6	65.6	80.6	68.9	64.6
Connecticut												
December 1993	W	49.8	52.2	-	-	W	W	49.8	51.5	68.1	51.4	50.6
November 1993	W	55.1	59.3	-	W	W	W	55.1	57.3	70.9	59.1	55.2
December 1992	84.7	W	68.1	-	W	W	84.7	61.1	67.9	80.9	71.2	70.7
Maine												
December 1993	-	W	46.7	-	-	W	-	W	46.7	70.3	54.8	53.9
November 1993	-	51.2	52.2	-	-	W	-	51.2	52.1	74.7	64.4	54.8
December 1992	-	W	60.6	-	W	W	-	60.9	60.6	83.3	71.7	65.1
Massachusetts												
December 1993	66.7	46.2	50.2	-	W	W	66.7	42.8	49.5	63.3	48.9	46.2
November 1993	70.2	W	52.7	-	W	W	70.2	51.3	52.5	66.9	53.3	52.0
December 1992	81.4	60.5	66.4	-	W	W	81.4	59.0	66.1	78.8	63.6	62.2
New Hampshire												
December 1993	67.6	W	56.4	-	W	W	67.6	49.9	54.4	69.1	61.8	52.8
November 1993	69.9	W	60.2	-	W	W	69.9	W	60.1	71.9	64.3	59.5
December 1992	W	60.0	66.3	-	W	W	W	58.8	65.6	80.8	73.3	69.1
Rhode Island												
December 1993	64.7	W	49.5	-	W	W	64.7	44.5	46.8	63.5	NA	45.3
November 1993	68.9	W	54.5	-	W	W	68.9	50.8	52.6	67.3	63.3	50.9
December 1992	77.0	W	64.8	-	W	W	77.0	62.6	63.7	78.6	62.8	57.4
Vermont												
December 1993	-	W	54.3	-	W	W	-	W	53.1	73.2	63.1	58.6
November 1993	-	-	60.0	-	W	W	-	W	58.7	77.1	67.9	64.0
December 1992	-	W	W	-	W	W	-	W	66.6	83.2	74.0	71.8
Subdistrict IB Average												
December 1993	65.7	48.1	50.8	64.0	53.1	43.0	65.3	49.9	49.6	64.2	57.9	50.0
November 1993	68.4	54.5	56.3	66.4	60.0	50.1	68.0	50.5	55.5	68.1	61.9	56.7
December 1992	77.7	64.6	66.9	74.8	63.4	58.9	77.1	64.0	65.7	77.0	70.9	64.7
Delaware												
December 1993	W	W	50.1	-	-	W	W	W	49.1	58.7	55.2	50.7
November 1993	W	W	54.6	-	-	W	W	W	53.8	NA	59.1	54.4
December 1992	W	W	65.5	-	-	W	W	W	64.4	73.4	67.1	60.8
District of Columbia												
December 1993	-	W	63.9	-	-	W	-	W	63.6	W	53.3	51.6
November 1993	-	W	66.4	-	-	W	-	W	66.2	W	57.6	53.0
December 1992	-	W	75.7	-	-	-	-	W	75.7	W	64.0	65.4
Maryland												
December 1993	-	46.4	55.3	W	W	59.0	W	46.4	55.7	62.9	58.2	50.7
November 1993	-	53.4	59.7	W	W	62.2	W	53.4	60.0	66.2	62.1	55.3
December 1992	-	63.7	69.3	-	W	72.7	-	63.4	69.8	76.1	69.2	66.0
New Jersey												
December 1993	70.3	50.1	50.2	W	W	39.9	70.4	49.4	48.7	65.7	59.2	46.8
November 1993	74.2	56.1	58.1	W	W	49.4	74.1	55.6	57.2	70.2	61.9	56.3
December 1992	87.1	67.4	69.9	W	W	57.8	87.3	65.9	68.0	84.3	72.7	64.0
New York												
December 1993	65.8	49.4	53.9	W	W	43.1	64.0	48.6	52.1	68.3	56.4	50.6
November 1993	68.5	55.8	57.3	W	W	50.3	66.6	55.0	56.4	72.4	60.7	56.2
December 1992	75.8	66.3	67.6	W	W	58.2	74.0	64.9	66.2	78.0	69.2	67.2
Pennsylvania												
December 1993	62.6	47.2	46.9	68.0	56.3	40.6	63.9	52.6	46.1	60.4	59.4	51.0
November 1993	64.9	53.3	52.5	70.6	63.0	46.9	66.3	59.4	51.6	64.0	63.5	57.7
December 1992	74.3	64.1	62.9	78.9	63.5	55.9	75.4	63.7	61.7	74.7	73.7	63.7

See footnotes at end of table.

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

Geographic Area Month	Major Refiners			Other Refiners			All Refiners			Resellers		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
Subdistrict IC Average												
December 1993	60.2	43.6	44.7	61.3	45.1	39.8	60.4	43.9	44.0	60.5	56.4	48.7
November 1993	64.3	50.6	51.2	65.8	51.9	47.0	64.6	50.8	50.6	64.8	60.9	54.0
December 1992	70.6	58.2	58.3	71.7	57.6	54.2	70.8	58.0	57.7	70.8	66.5	62.4
Florida												
December 1993	60.6	42.2	47.9	56.8	W	40.6	60.1	42.2	46.7	62.3	NA	48.7
November 1993	65.6	49.3	53.5	65.1	W	47.3	65.5	49.2	52.5	66.6	NA	54.1
December 1992	71.8	56.8	60.6	72.4	W	54.6	71.9	56.1	59.5	74.1	68.7	61.8
Georgia												
December 1993	58.1	43.4	42.6	60.1	W	39.2	58.4	43.2	42.0	59.7	56.4	45.7
November 1993	61.8	51.2	49.5	64.2	W	46.2	62.0	51.2	48.9	64.7	59.5	51.5
December 1992	66.6	58.4	56.6	67.1	W	53.6	66.7	58.3	56.1	68.8	65.7	63.1
North Carolina												
December 1993	58.1	42.8	42.1	W	NA	40.1	58.1	42.6	41.9	56.9	49.9	50.1
November 1993	62.2	49.4	48.9	W	W	47.1	62.2	49.1	48.7	61.3	56.2	54.7
December 1992	70.1	58.9	56.4	W	-	53.8	70.2	58.9	56.1	69.1	64.1	61.7
South Carolina												
December 1993	53.3	42.9	40.7	W	-	37.8	53.5	42.9	40.4	58.3	56.3	46.5
November 1993	57.0	49.6	48.5	W	-	45.8	57.3	49.6	48.1	62.4	61.2	52.3
December 1992	64.6	56.3	55.6	W	-	53.6	64.5	56.3	55.3	68.0	62.5	62.7
Virginia												
December 1993	70.5	46.4	47.1	W	40.4	39.7	67.1	45.5	46.2	62.1	56.7	52.1
November 1993	73.7	52.5	53.5	W	48.3	47.6	69.9	51.9	52.8	66.1	60.9	57.3
December 1992	78.4	58.4	60.4	W	W	54.6	75.0	57.2	59.7	71.1	69.8	62.3
West Virginia												
December 1993	73.7	52.2	46.5	W	W	W	73.3	54.6	44.7	66.6	55.6	54.6
November 1993	75.4	59.2	53.3	W	W	48.4	75.0	60.5	52.1	67.3	61.5	59.5
December 1992	81.8	64.3	61.0	W	W	54.9	80.5	65.2	59.4	77.6	66.0	66.4
PAD District II Average												
December 1993	59.3	49.6	43.6	59.4	45.2	41.2	59.4	49.3	42.9	60.4	58.9	48.8
November 1993	64.7	56.5	51.6	66.3	53.6	49.8	65.2	56.3	51.0	67.2	65.7	55.6
December 1992	69.9	61.9	57.5	67.3	57.9	54.8	69.1	61.7	56.6	70.3	70.5	60.0
Illinois												
December 1993	58.6	47.6	44.5	W	NA	42.4	59.9	47.6	44.2	63.3	57.7	50.3
November 1993	63.6	54.3	51.4	W	-	48.5	64.9	54.3	50.8	69.4	63.4	55.2
December 1992	71.3	58.5	58.3	W	W	54.2	70.7	58.6	57.3	72.9	68.9	59.2
Indiana												
December 1993	57.4	45.1	42.7	W	W	40.5	57.9	44.8	42.4	59.0	57.7	48.1
November 1993	62.5	53.1	50.5	W	W	48.7	62.8	52.7	50.2	64.2	63.4	55.6
December 1992	69.6	56.6	56.6	W	W	54.3	68.9	56.6	56.2	70.5	68.3	60.2
Iowa												
December 1993	55.5	W	43.8	54.4	-	40.7	54.7	W	42.5	56.1	61.8	48.1
November 1993	68.2	W	54.1	66.1	-	50.8	66.7	W	52.6	65.5	67.2	55.9
December 1992	69.4	58.5	57.4	67.5	-	55.3	67.9	58.5	56.5	68.7	74.5	61.1
Kansas												
December 1993	51.8	43.8	42.7	56.7	NA	39.6	54.9	43.7	40.7	60.3	60.9	45.8
November 1993	63.3	54.1	51.7	67.0	W	49.3	65.6	52.6	50.1	69.6	69.5	56.4
December 1992	65.4	55.2	55.3	64.9	W	53.7	65.1	54.8	54.2	69.2	75.9	58.3
Kentucky												
December 1993	61.4	48.8	43.4	62.7	-	40.8	61.5	48.8	43.2	63.3	55.9	51.4
November 1993	66.8	55.1	50.6	70.6	-	47.9	67.1	55.1	50.4	67.3	60.6	54.8
December 1992	70.9	62.5	58.0	68.7	-	54.4	70.5	62.5	57.6	70.0	65.9	63.0
Michigan												
December 1993	58.0	50.9	43.8	W	NA	40.8	57.8	50.8	43.3	58.1	59.1	48.0
November 1993	63.3	56.7	51.4	W	W	49.1	63.7	56.6	51.0	65.5	64.4	54.1
December 1992	66.0	62.5	57.4	W	W	55.9	65.5	62.5	57.1	68.8	70.3	60.5
Minnesota												
December 1993	74.2	56.3	47.9	74.3	NA	NA	74.2	54.3	46.5	69.5	67.5	52.7
November 1993	78.4	64.1	58.5	77.9	W	53.6	78.3	62.3	56.3	75.9	72.8	60.4
December 1992	73.8	66.7	61.0	76.8	W	56.9	74.6	65.4	59.3	77.3	75.3	63.0
Missouri												
December 1993	53.8	51.6	42.8	54.8	NA	39.9	54.3	51.3	41.9	55.9	54.8	47.6
November 1993	61.5	57.4	51.1	62.8	W	49.0	62.2	57.2	50.4	63.5	65.9	54.5
December 1992	64.4	59.3	56.3	63.7	-	53.9	64.1	59.3	55.5	65.9	71.1	58.9

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												
December 1993	W	W	43.8	58.7	W	40.9	60.2	43.0	42.2	64.5	60.3	47.2
November 1993	W	55.4	55.0	70.3	W	51.5	71.7	54.0	53.2	72.5	73.8	56.9
December 1992	W	W	57.8	69.1	W	55.8	70.6	55.5	56.7	74.0	66.9	62.9
North Dakota												
December 1993	72.7	W	47.7	-	-	43.5	72.7	W	45.6	77.4	69.2	51.6
November 1993	78.2	W	58.6	-	-	54.7	78.2	W	56.6	80.5	76.6	60.3
December 1992	80.8	W	60.2	W	-	57.7	80.6	W	58.8	84.2	77.5	61.7
Ohio												
December 1993	58.9	51.1	44.7	W	W	40.2	59.1	51.3	44.3	59.3	59.7	49.6
November 1993	62.7	57.7	51.6	W	W	48.6	63.2	57.8	51.5	63.5	63.6	54.5
December 1992	71.6	65.6	59.0	W	W	55.2	71.2	65.7	58.7	70.1	69.2	60.3
Oklahoma												
December 1993	50.0	42.5	39.7	52.8	39.5	41.3	50.9	41.8	40.7	54.2	55.7	47.9
November 1993	62.6	52.6	49.1	65.4	50.5	48.4	63.5	52.1	48.7	62.8	61.6	54.7
December 1992	64.8	55.0	53.9	65.4	W	54.2	65.0	54.6	54.1	65.3	65.0	57.3
South Dakota												
December 1993	W	W	46.5	W	W	43.9	67.5	54.3	45.2	73.7	67.3	52.9
November 1993	W	W	58.0	W	W	55.6	74.3	66.8	56.8	80.7	78.1	63.6
December 1992	W	W	58.3	W	W	56.5	W	W	57.4	74.3	76.6	62.4
Tennessee												
December 1993	60.4	49.4	41.8	59.1	38.4	39.0	59.8	47.2	41.3	58.3	48.7	48.5
November 1993	64.8	55.3	48.7	63.4	W	45.9	64.2	54.0	48.2	63.7	55.4	53.7
December 1992	68.8	58.8	56.0	69.5	56.9	53.4	69.1	58.3	55.5	66.2	59.4	59.9
Wisconsin												
December 1993	55.1	44.2	43.4	W	W	NA	56.9	43.8	42.7	60.3	54.7	46.6
November 1993	63.2	52.9	51.6	W	W	49.9	64.9	52.1	51.0	67.1	61.5	54.7
December 1992	69.2	56.0	57.1	W	W	55.7	68.8	56.0	56.7	72.2	70.9	58.7
PAD District III Average												
December 1993	62.8	44.8	42.6	61.5	NA	39.8	62.2	42.9	41.4	62.4	57.0	45.1
November 1993	67.2	54.3	49.8	65.4	45.8	47.2	66.4	49.9	48.7	66.5	62.1	52.2
December 1992	73.2	58.0	55.4	72.1	53.8	53.0	72.7	57.1	54.4	72.2	66.9	58.7
Alabama												
December 1993	59.6	41.6	41.7	57.8	W	39.0	59.1	41.5	41.0	62.2	55.5	55.0
November 1993	64.4	49.0	48.4	62.2	W	46.2	63.8	48.8	47.9	66.1	60.1	58.3
December 1992	70.1	54.7	55.3	71.2	W	53.6	70.3	54.7	54.9	72.4	67.2	67.5
Arkansas												
December 1993	W	W	41.7	W	W	39.6	59.3	W	40.5	61.3	57.2	47.2
November 1993	66.8	W	49.7	W	W	47.6	65.2	52.6	48.7	66.6	61.3	55.8
December 1992	78.1	57.0	55.0	W	W	53.3	71.2	57.0	54.3	69.5	64.9	57.9
Louisiana												
December 1993	66.8	42.8	43.7	62.2	W	38.6	65.8	42.8	42.1	63.9	54.8	47.4
November 1993	70.3	48.6	48.5	65.6	W	45.5	69.1	48.5	47.6	67.2	60.3	52.9
December 1992	75.2	55.2	55.1	72.7	W	53.5	74.6	55.5	54.6	71.7	71.6	64.5
Mississippi												
December 1993	60.7	44.7	39.5	62.2	39.0	39.4	61.3	43.9	39.5	61.5	55.4	48.7
November 1993	62.7	49.2	48.2	65.6	46.0	45.6	63.8	48.0	47.2	64.2	60.7	54.2
December 1992	71.2	55.7	54.6	NA	53.5	52.6	70.4	54.9	54.0	70.7	69.3	59.1
New Mexico												
December 1993	78.9	W	53.0	87.5	W	49.3	85.2	57.5	51.3	71.1	65.3	57.3
November 1993	83.1	W	65.2	87.9	W	61.4	87.0	70.9	63.4	77.6	74.7	66.6
December 1992	84.3	66.1	62.5	87.2	62.4	60.1	86.3	65.3	61.5	83.9	75.2	69.9
Texas												
December 1993	61.9	47.3	42.5	58.3	NA	39.6	60.3	NA	41.0	61.1	57.4	43.4
November 1993	66.7	61.0	49.7	63.0	W	46.8	64.9	49.6	48.3	65.4	61.9	50.5
December 1992	72.7	59.1	55.3	71.0	W	52.5	71.9	57.2	54.0	71.8	65.0	56.7
PAD District IV Average												
December 1993	74.0	58.4	55.3	76.2	72.1	51.2	75.0	64.2	53.5	74.9	70.1	58.6
November 1993	77.7	68.3	66.3	80.9	77.6	63.4	79.3	72.1	65.1	78.8	76.4	67.5
December 1992	76.6	62.4	61.2	80.6	72.0	58.3	78.5	66.5	59.9	79.4	73.1	64.4

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												
December 1993	75.5	W	50.4	76.2	-	45.6	75.9	W	48.2	77.2	65.8	53.5
November 1993	81.7	W	64.0	81.2	-	59.3	81.4	W	61.9	81.0	73.9	64.5
December 1992	77.7	W	61.7	80.6	-	57.3	79.3	W	59.6	79.6	71.4	66.0
Idaho												
December 1993	-	W	59.4	W	W	58.4	W	62.2	58.9	73.4	72.1	NA
November 1993	-	W	68.1	W	-	67.1	W	W	67.7	77.0	75.5	70.6
December 1992	-	W	63.4	W	-	62.1	W	W	62.9	78.8	73.1	68.0
Montana												
December 1993	-	W	59.2	W	NA	58.2	W	NA	58.9	79.2	74.7	62.2
November 1993	-	W	70.1	W	NA	68.9	W	NA	69.7	84.2	81.7	71.2
December 1992	-	W	58.7	W	NA	58.6	W	NA	58.7	85.1	75.8	59.8
Utah												
December 1993	70.4	W	57.3	W	W	53.5	70.7	58.3	55.9	69.2	NA	60.9
November 1993	68.1	W	65.1	W	W	63.6	68.4	65.2	64.5	73.2	71.4	66.3
December 1992	73.7	60.8	61.3	W	W	58.2	73.8	61.5	60.1	75.6	70.3	65.9
Wyoming												
December 1993	W	63.5	51.7	76.0	W	48.6	74.3	62.9	49.9	80.0	74.4	58.7
November 1993	W	72.4	67.9	80.0	W	64.3	78.3	71.4	65.7	83.8	80.2	71.5
December 1992	W	63.6	57.8	82.3	W	56.6	80.4	63.3	57.1	85.4	77.7	62.2
PAD District V Average												
December 1993	71.5	57.3	59.6	74.0	67.5	47.8	72.2	59.6	57.2	77.9	67.5	56.6
November 1993	76.0	67.1	64.5	77.8	65.5	51.4	76.5	66.9	61.9	80.9	72.0	61.0
December 1992	85.8	67.4	73.0	88.0	76.8	55.3	86.4	69.7	69.8	85.5	78.3	66.2
Alaska												
December 1993	W	W	74.0	102.1	W	W	101.3	W	72.2	NA	94.9	81.9
November 1993	W	W	75.9	103.8	W	W	102.9	W	75.0	NA	98.8	86.3
December 1992	W	W	86.2	113.5	89.7	W	113.0	89.7	84.4	NA	109.1	95.8
Arizona												
December 1993	82.9	59.7	71.0	W	W	48.2	83.3	59.3	65.9	82.3	60.1	61.8
November 1993	86.7	71.2	74.2	W	W	55.7	87.1	70.3	71.4	84.1	69.2	65.5
December 1992	85.8	70.4	74.7	W	75.9	62.9	85.8	72.1	73.2	85.5	79.2	71.9
California												
December 1993	67.8	55.8	57.6	67.5	W	46.9	67.7	56.3	55.4	69.5	65.0	53.7
November 1993	72.5	W	62.4	71.8	W	49.4	72.3	W	59.6	73.8	68.7	57.7
December 1992	86.7	66.5	72.9	84.5	60.3	53.1	86.0	65.9	69.2	83.9	75.2	62.9
Hawaii												
December 1993	W	W	87.1	W	W	W	103.8	W	85.2	109.3	87.3	98.7
November 1993	W	W	90.4	W	W	W	104.6	61.4	88.7	110.1	89.9	102.2
December 1992	W	W	93.3	W	W	W	101.8	W	91.6	W	105.7	102.2
Nevada												
December 1993	W	61.4	58.8	W	W	53.0	69.7	61.2	57.5	80.1	66.1	55.3
November 1993	W	66.4	61.4	W	W	53.7	73.2	63.1	59.5	85.3	71.7	58.8
December 1992	W	74.1	66.5	W	W	56.3	79.2	72.8	63.9	86.5	77.9	66.8
Oregon												
December 1993	78.8	59.3	60.1	W	W	44.8	79.3	70.4	55.8	NA	71.7	61.2
November 1993	83.0	67.5	66.0	W	W	54.0	83.5	65.9	63.9	82.2	76.5	67.4
December 1992	89.2	71.7	71.4	W	W	59.7	89.5	83.0	69.8	85.6	82.6	73.8
Washington												
December 1993	70.2	57.5	60.8	W	-	49.7	71.6	57.5	59.3	75.7	68.7	58.9
November 1993	75.1	63.9	66.7	W	-	57.8	76.5	63.9	65.6	78.5	76.1	62.5
December 1992	80.9	73.3	72.1	W	-	61.5	82.2	73.3	70.9	83.3	79.4	70.7

Dashes (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

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

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

**Table 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												
December 1993	73.3	51.9	55.7	71.3	52.9	46.1	72.9	52.1	54.9	71.1	64.6	56.7
November 1993	77.9	58.6	61.5	76.0	58.4	52.4	77.5	58.6	60.7	75.6	68.9	61.9
December 1992	83.5	66.6	69.2	80.1	64.9	58.3	82.9	66.1	66.2	81.3	74.6	69.0
PAD District I Average												
December 1993	75.8	48.3	56.1	71.2	53.2	46.3	75.2	50.1	55.6	72.4	63.5	56.6
November 1993	78.9	55.2	61.5	75.0	60.2	52.7	78.4	57.0	61.0	76.1	66.5	61.4
December 1992	85.9	66.4	69.8	81.5	65.0	60.1	85.3	65.7	69.1	83.5	74.3	70.2
Subdistrict 1A Average												
December 1993	80.0	53.0	58.4	-	W	W	80.0	48.1	57.5	76.5	59.3	58.1
November 1993	82.4	60.1	62.7	-	W	W	82.4	55.6	62.2	79.6	64.9	62.6
December 1992	93.9	73.3	73.1	-	W	W	93.9	68.3	72.6	89.4	72.3	72.3
Connecticut												
December 1993	W	57.4	60.1	-	-	W	W	57.4	58.9	79.1	57.8	60.4
November 1993	W	63.2	63.5	-	W	W	W	64.0	62.8	81.9	62.8	65.7
December 1992	W	77.9	75.2	-	W	W	W	77.1	74.9	90.5	75.2	75.7
Maine												
December 1993	-	W	51.1	-	-	W	-	W	51.1	78.8	64.0	58.0
November 1993	-	W	56.2	-	-	W	-	W	56.1	82.4	71.8	61.2
December 1992	-	W	65.3	-	W	W	-	W	65.2	93.3	74.1	73.6
Massachusetts												
December 1993	78.7	52.3	58.9	-	W	W	78.7	W	58.0	74.2	53.0	52.6
November 1993	81.6	W	63.8	-	W	W	81.6	W	63.2	77.3	59.6	59.5
December 1992	93.4	67.1	73.5	-	W	W	93.4	63.3	73.0	87.4	69.1	68.5
New Hampshire												
December 1993	79.8	-	62.0	-	W	W	79.8	W	61.1	79.5	67.8	65.5
November 1993	80.8	-	65.5	-	W	-	80.8	W	65.5	82.2	70.0	69.0
December 1992	W	-	71.7	-	W	W	W	W	71.1	90.4	70.1	74.3
Rhode Island												
December 1993	75.8	W	58.3	-	-	W	75.8	W	54.6	69.8	NA	48.9
November 1993	79.5	W	60.7	-	-	W	79.5	W	60.0	73.7	66.8	55.3
December 1992	88.6	W	72.3	-	W	W	88.6	W	70.9	85.8	69.8	64.4
Vermont												
December 1993	-	-	60.1	-	-	W	-	-	59.7	82.5	68.4	65.4
November 1993	-	-	65.4	-	-	W	-	-	64.7	85.6	72.5	71.2
December 1992	-	-	W	-	-	W	-	-	W	91.3	79.7	76.8
Subdistrict 1B Average												
December 1993	78.8	52.8	60.6	W	62.6	53.9	78.0	57.1	60.4	72.6	62.5	59.1
November 1993	80.9	59.9	65.1	W	69.1	59.7	80.1	63.7	64.8	75.5	66.8	63.8
December 1992	90.2	70.4	75.3	83.0	70.2	69.0	89.3	70.3	W	86.0	76.0	73.0
Delaware												
December 1993	W	W	55.5	-	-	W	W	W	54.1	67.9	60.0	54.5
November 1993	W	W	60.7	-	-	50.3	W	W	59.6	NA	63.5	59.2
December 1992	W	W	70.7	-	-	W	W	W	69.5	81.6	72.6	66.1
District of Columbia												
December 1993	-	W	69.4	-	-	W	-	W	69.4	W	NA	57.1
November 1993	-	W	72.3	-	-	-	-	W	72.3	W	NA	57.6
December 1992	-	W	80.4	-	-	-	-	W	80.4	W	66.3	70.4
Maryland												
December 1993	-	50.1	62.6	W	-	64.1	W	50.1	62.8	73.1	66.4	57.2
November 1993	-	57.3	66.3	W	-	67.9	W	57.3	66.4	75.3	70.0	62.0
December 1992	-	68.5	74.5	-	-	77.8	-	68.5	74.8	87.0	77.7	71.7
New Jersey												
December 1993	86.6	51.0	63.6	-	W	45.6	86.6	51.1	63.2	79.9	NA	61.2
November 1993	89.8	58.8	67.8	-	W	52.2	89.8	57.8	67.4	83.5	67.2	65.3
December 1992	99.2	67.7	81.3	W	W	63.5	98.9	67.1	80.8	94.7	78.3	80.3
New York												
December 1993	77.7	60.1	63.8	W	W	W	75.8	57.0	63.5	77.1	56.6	58.9
November 1993	80.6	67.6	68.0	W	W	W	78.6	63.9	67.8	80.4	63.3	63.7
December 1992	88.6	82.0	77.5	W	W	W	86.6	71.8	77.1	88.1	72.4	75.3
Pennsylvania												
December 1993	75.4	53.4	54.3	W	71.9	45.9	75.5	66.7	54.1	69.3	64.9	59.6
November 1993	76.6	60.1	59.5	W	79.5	53.5	76.9	74.5	59.3	72.1	68.7	64.5
December 1992	86.5	67.6	69.8	W	74.6	60.9	86.4	72.6	69.5	82.9	77.9	71.1

See footnotes at end of table.

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

Geographic Area Month	Major Refiners			Other Refiners			All Refiners			Resellers		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
Subdistrict IC Average												
December 1993	73.7	46.7	52.1	70.4	49.0	43.2	73.3	47.3	51.6	71.3	65.8	55.2
November 1993	77.6	53.2	58.4	75.2	56.9	49.8	77.2	54.3	57.9	75.5	66.7	60.1
December 1992	83.1	62.3	64.9	80.8	W	57.1	82.8	61.9	64.2	81.4	73.6	68.4
Florida												
December 1993	75.5	46.0	56.5	W	W	43.9	74.6	46.9	55.2	74.6	NA	55.0
November 1993	79.5	52.0	62.6	W	W	50.4	79.1	53.5	61.3	78.3	NA	57.7
December 1992	85.2	60.9	68.0	W	W	57.4	81.9	60.3	66.8	85.8	73.8	67.7
Georgia												
December 1993	70.5	45.7	48.7	68.4	W	42.0	70.3	45.6	48.4	69.7	61.7	51.5
November 1993	73.7	52.9	55.5	71.9	W	48.9	73.6	52.8	55.1	74.4	65.4	57.2
December 1992	78.0	60.3	62.5	74.7	W	56.7	77.7	60.2	61.8	80.3	71.3	69.5
North Carolina												
December 1993	69.4	45.8	47.2	W	NA	43.1	68.5	45.6	47.1	66.7	63.1	56.6
November 1993	73.7	53.0	54.0	W	W	49.8	73.2	52.7	53.9	71.3	67.5	61.9
December 1992	80.7	63.6	61.8	W	-	57.1	80.7	63.6	61.6	78.0	71.6	67.6
South Carolina												
December 1993	64.5	46.7	46.1	W	-	39.7	64.5	46.7	45.8	70.5	74.3	52.3
November 1993	68.7	53.8	53.1	W	-	48.4	68.7	53.8	52.8	74.4	81.7	58.0
December 1992	75.0	W	60.7	W	-	56.7	74.9	W	60.3	79.3	66.6	65.4
Virginia												
December 1993	83.7	47.3	55.4	W	W	42.8	80.3	46.7	54.9	72.4	66.6	59.4
November 1993	86.8	54.2	60.9	W	W	49.0	83.1	54.9	60.3	76.7	68.4	63.9
December 1992	90.5	64.5	67.0	W	-	57.0	87.1	64.5	66.3	82.3	79.7	70.5
West Virginia												
December 1993	84.2	58.4	52.7	W	W	W	83.5	61.2	52.3	74.9	62.6	62.4
November 1993	87.2	W	58.7	W	W	W	85.7	W	58.3	76.5	67.9	67.2
December 1992	90.5	71.6	66.1	W	W	W	89.3	72.4	65.9	87.1	72.9	72.1
PAD District II Average												
December 1993	68.5	55.0	51.8	68.4	62.0	46.1	68.5	55.2	51.5	67.4	64.5	56.5
November 1993	73.5	61.0	58.2	74.4	61.2	52.8	73.6	61.0	57.9	73.5	70.4	61.7
December 1992	78.7	69.6	64.8	76.2	69.7	58.1	78.2	69.6	W	76.8	75.9	66.6
Illinois												
December 1993	68.7	W	56.8	W	-	46.3	69.2	W	56.0	68.0	63.6	58.7
November 1993	73.5	W	62.0	W	-	53.3	73.6	W	61.8	73.0	69.3	63.2
December 1992	82.0	W	69.3	W	-	59.9	81.3	W	69.1	78.6	74.0	69.7
Indiana												
December 1993	64.5	W	51.2	W	-	45.7	64.7	W	50.6	66.6	63.1	57.6
November 1993	69.7	62.8	57.6	W	W	52.9	69.6	61.7	57.2	71.5	69.6	62.5
December 1992	76.3	W	63.9	W	-	W	75.9	W	63.5	77.3	73.9	65.3
Iowa												
December 1993	W	-	51.2	W	-	W	W	-	51.1	69.3	60.5	58.0
November 1993	W	-	60.3	W	-	W	W	-	60.2	76.3	71.2	63.9
December 1992	W	-	63.7	72.3	-	W	72.3	-	63.7	76.2	82.9	67.1
Kansas												
December 1993	61.6	W	51.0	62.5	-	45.2	61.7	W	50.7	65.1	68.7	56.4
November 1993	73.0	-	61.7	73.9	-	55.7	73.1	-	61.5	75.1	71.5	63.3
December 1992	74.8	W	62.8	73.5	-	57.9	74.6	W	62.5	74.3	84.5	61.6
Kentucky												
December 1993	72.4	W	48.4	67.3	-	42.4	72.2	W	48.3	70.7	NA	57.3
November 1993	78.5	W	54.8	74.7	-	49.0	78.4	W	54.7	75.4	66.3	62.0
December 1992	78.9	W	62.7	77.7	-	56.7	78.9	W	62.5	77.4	76.1	68.6
Michigan												
December 1993	66.5	W	50.9	W	-	NA	66.7	W	50.8	64.7	60.1	51.6
November 1993	72.3	W	57.8	W	-	W	72.8	W	57.5	72.7	70.7	58.8
December 1992	74.5	W	62.5	W	-	59.2	74.6	W	62.4	74.3	76.4	65.8
Minnesota												
December 1993	82.1	W	60.9	81.5	-	NA	82.0	W	59.4	74.1	75.1	58.9
November 1993	86.2	W	69.9	85.6	-	NA	86.1	W	68.4	80.6	78.5	63.0
December 1992	80.9	W	73.1	82.6	-	65.9	81.2	W	73.0	82.8	81.2	65.8
Missouri												
December 1993	67.8	W	52.7	65.3	-	43.7	67.0	W	51.9	63.5	61.2	53.4
November 1993	74.0	-	59.0	72.6	-	50.9	73.5	-	58.6	70.3	67.3	59.1
December 1992	77.0	W	64.5	74.5	-	57.6	76.3	W	63.9	72.6	79.7	64.6

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												
December 1993	W	-	-	W	-	W	68.6	-	W	69.5	59.1	53.2
November 1993	W	-	-	W	-	W	78.3	-	W	77.8	63.3	62.5
December 1992	W	-	-	W	-	W	NA	-	W	84.1	W	68.3
North Dakota												
December 1993	W	-	W	-	-	-	W	-	W	86.4	69.1	56.1
November 1993	W	-	W	-	-	-	W	-	W	89.3	74.3	67.0
December 1992	90.2	-	W	-	-	-	90.2	-	W	92.1	85.4	68.6
Ohio												
December 1993	68.1	W	53.3	68.6	W	45.1	68.1	55.8	53.1	64.1	65.6	55.8
November 1993	71.3	W	59.0	73.0	W	W	71.4	61.1	58.8	69.8	71.1	60.7
December 1992	79.6	71.7	67.7	76.6	W	59.5	79.5	71.9	67.3	76.8	74.6	64.1
Oklahoma												
December 1993	58.9	W	43.2	60.8	W	42.6	59.4	W	43.1	60.5	62.1	56.7
November 1993	71.6	W	53.7	73.0	W	52.3	72.0	W	53.4	68.4	66.5	63.2
December 1992	73.0	W	57.7	72.2	W	57.0	72.8	56.9	57.7	72.7	71.4	65.0
South Dakota												
December 1993	W	-	W	W	-	-	W	-	W	72.2	73.2	64.2
November 1993	W	-	W	W	-	W	W	-	W	77.9	77.6	68.8
December 1992	W	-	W	-	-	-	W	-	W	78.5	82.8	66.2
Tennessee												
December 1993	72.2	45.9	47.7	W	W	42.4	71.2	45.5	47.4	68.1	NA	55.4
November 1993	76.5	53.4	54.5	W	W	49.9	75.7	52.9	54.2	73.4	61.1	59.9
December 1992	80.7	62.5	61.1	W	W	56.5	80.5	61.0	60.5	77.2	67.2	66.2
Wisconsin												
December 1993	66.6	-	50.3	W	-	NA	67.0	-	50.3	67.3	66.9	53.0
November 1993	74.4	-	58.1	W	-	W	74.7	-	57.5	74.2	72.6	59.0
December 1992	76.7	W	63.9	75.4	-	W	76.3	W	63.6	79.9	78.0	64.7
PAD District III Average												
December 1993	74.6	45.5	48.9	69.9	NA	43.4	73.0	45.0	47.8	70.9	60.7	54.4
November 1993	78.6	51.9	55.8	74.4	48.6	50.8	77.1	50.6	54.7	74.9	65.9	61.0
December 1992	83.8	57.7	61.2	81.0	55.9	56.7	82.8	57.5	60.3	80.1	69.1	68.1
Alabama												
December 1993	69.1	43.7	47.6	63.6	-	42.5	67.9	43.7	47.1	69.7	64.7	59.1
November 1993	74.4	51.1	54.2	69.3	-	41.4	73.4	51.0	53.8	74.2	65.5	64.8
December 1992	80.8	57.5	60.7	79.6	-	41.7	80.6	57.4	60.2	81.3	71.5	72.9
Arkansas												
December 1993	W	-	46.4	W	-	43.3	70.8	W	45.6	70.2	60.5	51.6
November 1993	77.4	-	53.8	W	-	50.5	77.2	-	53.0	75.6	66.3	NA
December 1992	85.6	-	59.7	W	-	56.4	81.7	-	58.8	76.3	70.3	63.0
Louisiana												
December 1993	79.7	W	51.9	74.5	-	43.2	78.8	W	50.4	75.2	59.7	59.3
November 1993	83.1	W	57.7	77.7	W	49.8	82.1	W	56.3	77.5	69.0	62.8
December 1992	85.7	W	62.9	84.7	W	57.8	85.5	58.4	61.9	80.3	82.4	74.7
Mississippi												
December 1993	71.0	W	43.9	71.6	NA	42.2	71.2	W	43.6	70.2	61.6	56.3
November 1993	73.0	W	52.8	74.9	50.7	49.1	73.7	52.3	52.2	74.0	65.1	61.4
December 1992	80.6	W	59.4	82.2	56.9	56.0	81.3	57.6	58.9	79.0	73.2	65.6
New Mexico												
December 1993	W	W	63.5	-	-	54.5	W	W	60.7	73.9	NA	56.5
November 1993	93.9	W	73.1	-	-	64.2	93.9	W	68.6	84.0	NA	67.9
December 1992	W	W	72.4	-	-	65.1	W	W	70.9	87.4	NA	71.5
Texas												
December 1993	74.0	W	49.6	69.8	NA	43.4	72.5	44.3	48.2	69.6	58.6	53.1
November 1993	78.1	54.1	56.2	74.1	48.4	50.6	76.6	49.2	54.8	73.8	62.8	60.0
December 1992	83.6	57.6	61.2	80.9	W	56.5	82.6	57.0	W	80.5	66.2	66.7
PAD District IV Average												
December 1993	83.2	W	58.6	86.3	-	54.5	84.2	W	58.4	80.6	66.8	60.5
November 1993	87.0	W	68.9	90.9	-	64.0	88.4	W	68.6	85.1	74.8	68.8
December 1992	83.8	-	69.9	W	-	62.7	85.3	-	67.9	83.1	75.4	68.9

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												
December 1993	85.2	W	56.9	W	-	53.2	85.7	W	56.7	84.6	59.4	56.6
November 1993	91.6	-	69.7	W	-	63.6	91.4	-	69.1	90.8	70.3	67.2
December 1992	85.8	-	70.4	W	-	62.6	86.9	-	67.8	84.7	71.1	69.5
Idaho												
December 1993	-	-	W	-	-	W	-	-	W	89.7	W	NA
November 1993	-	W	W	-	-	-	-	W	W	94.5	W	69.3
December 1992	-	-	-	-	-	-	-	-	-	W	84.3	W
Montana												
December 1993	-	-	-	-	-	-	-	-	-	NA	NA	W
November 1993	-	-	-	-	-	-	-	-	-	84.4	W	W
December 1992	-	-	-	-	-	-	-	-	-	W	W	-
Utah												
December 1993	77.9	-	63.2	W	-	55.1	77.9	-	62.7	73.3	NA	NA
November 1993	75.7	-	67.6	W	-	67.3	75.7	-	67.6	75.7	W	70.1
December 1992	79.0	-	W	-	-	W	79.0	-	W	78.5	NA	68.5
Wyoming												
December 1993	-	-	W	W	-	-	W	-	W	80.3	-	58.8
November 1993	-	-	W	W	-	-	W	-	W	84.9	-	68.8
December 1992	-	-	W	W	-	-	W	-	W	W	-	W
PAD District V Average												
December 1993	80.5	W	67.0	72.2	W	50.9	77.2	62.3	65.2	81.4	74.4	65.5
November 1993	88.7	67.2	71.4	76.0	57.9	53.9	84.4	65.9	69.3	84.0	76.1	68.3
December 1992	93.0	68.3	82.3	83.1	W	57.5	91.5	68.5	80.8	91.8	81.6	72.1
Alaska												
December 1993	-	-	-	-	-	-	-	-	-	-	W	-
November 1993	-	-	-	-	-	-	-	-	-	-	W	W
December 1992	-	-	-	-	-	-	-	-	-	-	-	-
Arizona												
December 1993	W	-	64.2	W	-	W	97.2	-	64.2	87.7	56.8	67.6
November 1993	W	-	68.4	-	W	69.5	W	W	68.5	89.0	NA	67.7
December 1992	90.1	-	74.1	-	-	W	90.1	-	73.9	91.3	-	73.8
California												
December 1993	79.4	W	66.7	71.2	-	50.8	76.1	W	64.7	77.2	73.7	65.8
November 1993	88.1	68.2	71.0	75.3	W	53.5	83.8	68.1	68.8	81.0	75.8	68.5
December 1992	93.1	69.2	82.5	81.9	-	57.4	91.4	69.2	80.8	91.9	82.6	72.0
Hawaii												
December 1993	W	W	92.4	W	W	W	109.0	W	92.3	111.7	NA	W
November 1993	W	W	95.3	W	W	W	110.9	W	95.2	111.4	NA	W
December 1992	W	W	98.7	W	W	W	113.2	W	98.4	W	W	W
Nevada												
December 1993	W	W	64.0	W	-	-	W	W	64.0	83.9	71.5	60.6
November 1993	W	W	68.3	W	-	-	W	W	68.3	87.2	NA	65.7
December 1992	W	W	71.1	W	-	W	NA	W	71.0	88.9	W	76.3
Oregon												
December 1993	W	-	W	-	-	-	W	-	W	NA	W	W
November 1993	W	-	-	-	-	-	W	-	-	82.4	W	W
December 1992	W	-	-	-	-	-	W	-	-	-	-	-
Washington												
December 1993	W	-	W	-	-	W	W	-	63.0	W	73.6	63.8
November 1993	W	-	W	-	-	W	W	-	70.1	W	NA	W
December 1992	W	-	W	-	-	W	W	-	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												
December 1993	83.4	57.5	62.0	79.1	56.3	48.0	82.5	57.2	60.0	79.9	70.4	60.5
November 1993	87.6	64.9	68.3	82.7	63.0	55.0	86.4	64.3	66.4	84.3	75.0	65.5
December 1992	93.4	72.1	76.2	88.9	71.3	61.9	92.5	71.9	74.4	89.4	80.4	74.3
PAD District I Average												
December 1993	85.7	54.1	63.6	77.9	54.6	48.5	84.7	54.3	62.5	81.8	69.0	61.2
November 1993	88.9	60.6	69.1	82.2	61.6	55.8	88.1	61.0	68.1	85.4	72.4	66.0
December 1992	95.2	69.9	77.0	89.2	69.1	63.4	94.5	69.5	76.0	92.7	81.1	76.2
Subdistrict IA Average												
December 1993	91.6	58.9	64.1	-	W	W	91.6	51.8	63.2	84.7	65.0	61.2
November 1993	94.2	62.1	68.0	-	W	W	94.2	57.8	67.5	87.6	67.2	66.3
December 1992	103.1	72.4	78.4	-	W	62.6	103.1	68.5	77.9	97.5	75.7	78.5
Connecticut												
December 1993	W	W	67.3	-	-	W	W	W	66.4	88.7	66.2	66.9
November 1993	W	W	71.0	-	-	W	W	W	70.5	91.6	71.3	72.9
December 1992	W	W	78.0	-	W	W	W	71.4	77.8	100.7	80.2	84.4
Maine												
December 1993	-	W	57.8	-	-	-	-	W	57.8	86.3	66.7	63.7
November 1993	-	W	63.3	-	-	W	-	W	63.1	89.3	71.1	67.6
December 1992	-	W	71.9	-	W	W	-	W	71.6	99.1	81.7	76.6
Massachusetts												
December 1993	89.9	59.8	63.2	-	W	W	89.9	W	62.3	82.8	62.0	56.0
November 1993	93.0	W	66.7	-	W	W	93.0	W	66.2	85.4	61.4	61.9
December 1992	102.9	72.7	79.4	-	W	W	102.9	67.9	78.9	95.1	70.8	75.7
New Hampshire												
December 1993	90.3	-	70.5	-	W	W	90.3	W	68.1	87.6	75.8	67.3
November 1993	92.8	-	74.0	-	W	-	92.8	W	74.0	90.5	79.1	73.0
December 1992	W	-	80.5	-	W	W	W	W	W	99.4	81.7	81.1
Rhode Island												
December 1993	84.9	W	63.1	-	W	W	84.9	55.7	61.3	76.4	NA	52.6
November 1993	88.9	W	68.2	-	W	W	88.9	55.8	67.4	79.9	76.2	57.5
December 1992	96.5	W	79.7	-	-	W	96.5	W	78.0	93.2	75.4	68.2
Vermont												
December 1993	-	-	65.5	-	-	W	-	-	63.8	88.5	74.5	72.5
November 1993	-	-	71.4	-	-	W	-	-	69.9	93.2	80.1	76.2
December 1992	-	-	W	-	-	W	-	-	78.8	98.8	84.8	85.5
Subdistrict IB Average												
December 1993	88.6	57.7	67.1	82.1	59.6	50.7	87.8	58.6	66.1	82.0	70.3	61.6
November 1993	91.1	64.2	72.4	84.1	66.5	58.7	90.3	65.3	71.6	85.1	73.9	66.4
December 1992	100.6	76.2	80.6	92.1	73.6	66.1	99.7	74.6	79.5	94.9	83.0	77.4
Delaware												
December 1993	W	W	63.4	-	-	47.5	W	W	62.9	75.2	69.8	60.2
November 1993	W	W	68.6	-	-	53.3	W	W	68.0	NA	74.6	63.9
December 1992	W	W	78.6	-	-	W	W	W	76.5	91.1	79.3	69.5
District of Columbia												
December 1993	-	W	77.2	-	-	W	-	W	77.1	W	W	58.7
November 1993	-	W	80.1	-	-	W	-	W	80.1	W	W	59.9
December 1992	-	W	89.2	-	-	-	-	W	89.2	W	73.2	76.2
Maryland												
December 1993	-	56.2	69.9	W	-	66.2	W	56.2	69.6	79.3	71.5	61.7
November 1993	-	63.1	73.4	W	W	73.8	W	63.2	73.4	81.6	76.6	65.8
December 1992	-	73.7	80.2	-	-	83.5	-	73.7	80.4	94.8	82.9	77.5
New Jersey												
December 1993	94.6	58.4	65.0	W	W	47.2	94.3	56.3	64.3	87.5	NA	60.5
November 1993	98.0	65.5	72.2	W	W	54.5	97.6	63.6	71.3	90.5	76.0	64.4
December 1992	108.2	78.9	84.3	-	W	64.6	108.2	74.3	83.0	102.2	85.8	79.2
New York												
December 1993	87.8	57.4	74.1	W	W	47.8	86.3	56.4	71.8	86.9	66.1	60.5
November 1993	90.9	64.3	78.3	W	W	55.3	89.3	63.2	76.6	90.4	70.2	66.0
December 1992	98.8	80.6	81.1	W	W	64.8	97.2	75.4	80.0	96.8	79.9	78.7
Pennsylvania												
December 1993	84.4	62.3	59.7	85.4	68.1	50.2	84.5	66.2	59.2	77.2	73.3	63.6
November 1993	85.4	67.1	64.8	87.2	75.3	58.1	85.7	72.5	64.4	80.0	75.9	68.5
December 1992	95.9	78.2	74.8	96.4	75.6	62.9	96.0	76.3	73.7	89.9	85.7	75.9

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	
Subdistrict IC Average												
December 1993	83.2	52.1	59.5	75.7	51.6	47.1	82.2	52.0	58.3	80.9	69.0	61.0
November 1993	87.0	59.0	65.8	81.2	58.8	54.0	86.3	59.0	64.7	84.9	72.4	65.6
December 1992	91.5	66.8	72.3	87.9	64.1	61.1	91.0	65.8	71.2	90.8	80.7	74.5
Florida												
December 1993	84.5	50.6	66.0	73.5	W	48.3	83.7	50.7	64.4	83.7	NA	NA
November 1993	88.7	W	71.0	83.2	W	55.2	88.3	57.6	69.7	87.5	NA	66.5
December 1992	92.7	64.7	77.6	89.2	W	61.8	92.5	63.8	76.1	94.5	81.3	76.1
Georgia												
December 1993	79.9	49.9	55.0	74.1	W	46.7	79.2	49.9	53.9	79.7	67.8	57.8
November 1993	82.5	57.5	61.7	76.8	W	53.6	81.9	57.4	60.7	84.1	71.3	63.4
December 1992	86.5	65.2	69.0	82.6	W	60.9	86.1	65.1	68.0	90.2	78.2	75.2
North Carolina												
December 1993	78.6	50.3	53.1	W	NA	46.6	76.4	49.8	52.6	76.9	63.5	61.8
November 1993	83.3	W	59.9	W	W	53.1	81.7	56.4	59.2	81.8	69.8	65.4
December 1992	88.4	68.9	66.8	W	-	60.5	88.0	68.9	66.2	87.4	77.5	73.3
South Carolina												
December 1993	74.5	51.6	50.7	W	-	44.7	74.1	51.6	50.3	80.2	75.1	57.3
November 1993	78.6	59.3	59.1	W	-	52.7	78.3	59.3	58.6	84.5	74.3	64.3
December 1992	85.0	65.4	66.6	W	-	60.5	84.9	65.4	66.0	89.3	76.8	70.9
Virginia												
December 1993	91.0	54.8	61.3	W	49.0	46.1	86.5	53.7	60.2	82.4	68.7	63.6
November 1993	94.6	60.0	67.4	W	55.6	53.4	90.4	59.2	66.4	85.5	73.1	67.4
December 1992	98.7	69.3	73.0	W	W	60.3	95.3	67.7	71.8	92.4	86.0	75.3
West Virginia												
December 1993	91.9	W	58.2	90.3	W	50.6	91.4	65.1	57.3	81.2	70.6	66.5
November 1993	94.3	72.2	65.4	90.3	W	58.2	92.9	71.5	64.6	82.8	75.2	72.0
December 1992	97.4	76.4	72.8	94.3	W	65.6	96.4	77.3	71.8	93.4	79.4	78.6
PAD District II Average												
December 1993	76.4	59.1	55.2	72.9	53.0	47.3	75.4	58.6	53.8	73.4	68.3	58.8
November 1993	81.6	66.3	62.6	76.4	60.7	55.7	80.0	65.9	61.4	79.7	73.7	64.9
December 1992	86.5	73.0	68.8	81.3	63.3	61.4	85.2	72.4	67.6	82.5	79.4	69.6
Illinois												
December 1993	77.2	63.7	59.6	W	-	47.2	76.5	63.7	58.1	75.0	67.0	60.1
November 1993	81.9	72.0	65.7	W	-	53.2	79.3	72.0	64.2	80.2	72.2	65.1
December 1992	90.2	69.7	73.4	W	-	61.3	88.7	69.7	71.9	86.3	76.4	70.9
Indiana												
December 1993	69.9	52.7	55.0	W	W	49.6	69.8	50.7	54.0	73.2	70.3	57.6
November 1993	75.3	63.6	62.4	W	W	53.4	74.3	61.1	60.9	78.7	77.0	67.5
December 1992	82.4	W	68.8	W	W	61.1	81.3	62.3	67.7	82.2	82.4	67.0
Iowa												
December 1993	67.8	-	53.5	64.3	-	47.2	65.4	-	52.2	66.3	63.4	55.9
November 1993	80.4	-	63.8	75.0	-	57.3	76.7	-	62.4	77.7	72.1	65.0
December 1992	81.2	W	64.7	77.9	-	62.0	78.8	W	64.2	77.7	82.6	70.2
Kansas												
December 1993	71.1	W	51.1	66.8	NA	47.0	68.8	W	49.1	69.3	68.9	55.0
November 1993	82.6	W	59.5	77.2	W	56.8	79.6	W	58.4	80.5	77.0	61.9
December 1992	85.4	W	64.6	74.9	W	60.7	79.6	W	62.7	80.8	78.3	66.0
Kentucky												
December 1993	79.9	59.0	53.7	71.3	-	49.2	79.4	59.0	53.5	79.2	68.9	64.7
November 1993	88.5	65.7	61.5	78.4	-	57.3	86.1	65.7	61.3	82.9	74.9	68.1
December 1992	86.8	76.3	68.6	75.7	-	63.9	85.5	76.3	68.4	84.5	80.3	75.1
Michigan												
December 1993	74.6	61.3	55.2	W	-	47.3	73.0	61.3	54.3	73.9	64.9	55.6
November 1993	80.1	67.6	62.7	W	-	56.2	77.9	67.6	61.9	79.7	72.4	62.9
December 1992	82.5	73.1	68.4	W	-	62.9	82.0	73.1	67.8	81.9	84.0	70.8
Minnesota												
December 1993	88.9	W	58.9	88.9	NA	NA	88.9	W	55.8	82.0	70.4	60.2
November 1993	93.1	W	69.4	90.1	-	59.8	92.3	W	65.2	86.5	80.3	68.1
December 1992	87.2	W	72.3	88.0	W	61.6	87.4	69.4	68.4	86.7	84.7	68.9
Missouri												
December 1993	77.7	50.4	53.3	71.3	NA	47.1	74.7	50.3	51.9	68.2	63.0	54.6
November 1993	83.8	60.6	61.8	78.3	W	55.4	81.2	60.5	60.3	75.7	70.7	62.3
December 1992	86.5	W	66.9	79.2	-	60.9	83.7	W	65.5	76.5	88.3	67.0

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												
December 1993	W	-	53.3	69.5	W	47.6	74.8	W	51.8	78.1	56.7	52.7
November 1993	W	-	64.6	80.0	W	58.2	84.2	W	63.0	81.0	67.2	60.9
December 1992	W	-	67.2	79.5	W	62.1	83.8	W	66.1	83.2	NA	67.1
North Dakota												
December 1993	90.4	-	60.9	-	-	50.5	90.4	-	57.6	86.6	87.1	57.3
November 1993	92.7	-	71.6	-	-	62.0	92.7	-	68.3	91.5	91.3	66.3
December 1992	94.0	-	72.4	W	-	63.1	93.6	-	69.9	92.1	88.9	76.0
Ohio												
December 1993	76.4	62.6	56.7	W	W	47.2	76.2	63.0	56.2	70.3	69.8	60.0
November 1993	79.8	W	63.9	W	W	56.0	78.4	69.3	63.5	75.9	74.0	64.7
December 1992	87.2	78.4	70.8	W	W	62.8	86.7	78.5	70.4	83.9	76.9	69.7
Oklahoma												
December 1993	67.1	49.0	46.9	66.5	W	44.6	67.0	48.9	45.8	64.8	NA	58.1
November 1993	79.9	60.0	55.2	78.8	W	54.8	79.6	59.0	55.1	72.7	69.0	62.8
December 1992	80.5	61.6	61.0	77.3	W	60.2	79.7	60.8	60.8	75.7	70.9	66.2
South Dakota												
December 1993	W	-	57.7	W	W	53.8	83.3	W	56.5	82.3	79.3	69.5
November 1993	W	-	69.6	W	W	67.4	87.8	W	69.0	92.8	83.9	73.0
December 1992	W	-	67.0	W	-	63.3	W	-	65.7	85.7	85.2	68.0
Tennessee												
December 1993	81.3	51.4	53.3	76.7	W	45.7	79.7	51.2	52.3	77.1	NA	62.5
November 1993	85.5	57.2	60.2	82.0	W	52.9	84.4	56.7	59.3	83.2	65.9	67.0
December 1992	90.1	64.6	67.0	87.7	W	60.1	89.3	64.0	65.9	85.3	71.8	71.9
Wisconsin												
December 1993	72.3	W	53.9	W	NA	NA	72.9	54.8	52.7	73.2	62.6	57.7
November 1993	80.0	62.3	62.0	W	-	56.8	80.6	62.3	60.9	79.9	68.2	63.1
December 1992	83.5	W	67.5	W	-	62.7	82.8	W	66.5	84.5	82.7	67.1
PAD District III Average												
December 1993	82.5	52.1	52.5	79.6	NA	44.9	81.7	51.0	50.3	79.4	66.8	57.4
November 1993	86.5	59.6	60.1	83.9	53.6	51.2	85.7	58.1	57.1	83.0	71.2	63.6
December 1992	91.1	65.0	66.1	90.0	64.0	59.1	90.8	64.9	64.3	87.5	74.3	73.6
Alabama												
December 1993	79.3	50.3	53.3	70.4	W	45.4	76.9	49.7	52.1	79.4	65.4	64.9
November 1993	83.9	58.1	59.8	73.4	W	52.7	81.2	57.5	58.8	83.6	68.9	69.8
December 1992	90.5	63.6	66.6	86.0	W	60.6	89.5	63.1	65.7	89.8	78.2	80.4
Arkansas												
December 1993	W	-	51.6	W	W	46.5	79.7	W	49.7	79.5	63.8	55.6
November 1993	88.0	-	59.5	W	-	54.7	84.6	-	57.8	83.8	69.7	64.9
December 1992	92.6	-	65.0	W	-	60.0	89.0	-	63.5	84.5	73.8	67.2
Louisiana												
December 1993	87.1	W	52.1	85.0	W	44.4	86.9	W	50.5	83.6	66.1	67.4
November 1993	90.1	W	61.8	88.1	W	51.2	89.9	55.6	59.3	85.5	73.9	66.9
December 1992	93.0	63.3	69.3	94.7	NA	59.8	93.2	64.2	67.3	87.2	73.5	78.2
Mississippi												
December 1993	79.3	53.0	47.9	75.8	45.4	45.8	77.9	51.3	47.6	79.9	65.3	61.2
November 1993	82.3	57.3	55.5	80.0	51.7	50.8	81.3	56.2	54.0	82.2	72.0	55.3
December 1992	88.8	63.1	64.8	83.1	61.5	59.5	88.5	62.5	63.4	86.9	80.1	71.7
New Mexico												
December 1993	98.7	-	62.5	W	-	57.5	99.1	-	61.1	83.3	72.8	65.7
November 1993	103.2	-	74.4	101.2	-	70.5	101.7	-	73.3	90.9	82.1	74.7
December 1992	102.4	W	71.3	98.7	-	68.1	99.9	W	70.6	95.3	84.0	79.3
Texas												
December 1993	81.8	53.8	53.8	78.6	NA	44.3	81.0	51.7	50.3	76.9	NA	54.6
November 1993	85.9	62.6	60.2	83.3	W	50.3	85.1	59.3	56.2	80.9	70.0	63.0
December 1992	90.7	65.3	65.2	89.7	W	58.4	90.4	65.2	63.1	87.1	70.6	71.6
PAD District IV Average												
December 1993	90.6	65.8	64.5	94.9	W	59.4	91.9	64.8	62.9	85.8	75.8	67.1
November 1993	93.2	W	75.0	99.2	W	69.0	95.2	73.4	72.7	89.8	82.9	75.2
December 1992	91.0	70.1	69.5	97.1	W	65.2	92.8	68.4	68.1	89.2	80.8	71.7

See footnotes at end of table.

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

Geographic Area Month	Major Refiners			Other Refiners			All Refiners			Resellers		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
Colorado												
December 1993	95.4	W	59.8	96.2	W	53.0	95.7	W	57.5	92.1	69.3	61.8
November 1993	101.6	-	74.0	101.0	W	65.4	101.3	W	69.5	96.3	80.7	71.6
December 1992	95.6	W	70.1	98.2	W	65.1	96.5	W	68.4	92.1	76.6	73.4
Idaho												
December 1993	-	W	69.5	W	-	66.2	W	W	68.7	82.4	82.7	NA
November 1993	-	W	77.2	W	-	75.4	W	W	76.7	85.7	88.4	78.9
December 1992	-	W	73.8	W	-	69.2	W	W	72.8	88.7	84.0	75.3
Montana												
December 1993	-	W	67.0	W	-	67.2	W	W	67.1	89.5	83.6	70.3
November 1993	-	W	78.6	W	-	77.4	W	W	78.2	94.3	91.3	79.3
December 1992	-	W	65.7	W	W	65.5	W	W	65.7	92.0	91.4	66.5
Utah												
December 1993	83.7	W	66.2	W	W	61.8	84.0	64.7	65.1	79.2	75.4	71.0
November 1993	81.5	W	73.2	W	W	71.3	81.8	W	72.7	84.7	80.3	75.5
December 1992	83.7	W	69.6	W	W	64.9	83.8	69.0	68.2	84.4	78.3	73.3
Wyoming												
December 1993	W	-	60.3	W	W	56.7	85.1	W	W	89.0	NA	65.4
November 1993	W	-	76.1	W	W	72.3	89.0	W	W	93.6	87.3	77.1
December 1992	W	-	64.8	W	W	63.0	91.0	W	64.0	94.9	86.9	70.7
PAD District V Average												
December 1993	90.6	69.6	74.3	90.1	W	56.2	90.5	70.2	72.6	94.7	81.2	67.8
November 1993	94.9	75.6	78.8	93.9	74.0	59.4	94.7	75.1	77.0	97.8	84.5	65.8
December 1992	104.3	78.4	89.6	101.8	85.6	65.9	103.8	80.0	87.9	101.2	90.2	82.0
Alaska												
December 1993	W	W	84.5	110.0	W	W	108.4	W	83.5	NA	103.0	94.2
November 1993	W	W	86.0	111.8	W	W	109.9	W	85.0	NA	111.0	97.4
December 1992	W	W	99.1	123.4	W	W	122.3	W	97.7	129.1	112.5	106.0
Arizona												
December 1993	100.8	W	83.4	W	-	55.9	100.8	W	W	98.9	63.0	74.5
November 1993	102.7	W	86.1	W	W	63.1	102.6	79.9	84.9	100.2	73.5	81.9
December 1992	102.3	84.7	87.0	W	-	73.9	102.2	84.7	W	102.1	91.1	86.4
California												
December 1993	87.8	70.7	72.9	84.4	W	55.2	87.1	70.7	71.2	86.2	79.6	63.8
November 1993	92.3	77.6	77.5	88.7	-	57.7	91.4	77.6	75.4	90.2	82.8	62.4
December 1992	105.3	79.1	90.3	98.5	W	64.1	103.8	79.0	88.3	100.2	88.9	80.0
Hawaii												
December 1993	W	W	100.0	W	W	W	118.9	W	98.7	128.5	106.3	117.0
November 1993	W	W	103.0	W	W	W	121.1	W	101.8	130.7	108.4	114.4
December 1992	W	W	106.0	W	W	W	118.9	W	105.1	W	122.6	116.3
Nevada												
December 1993	W	-	70.9	W	W	61.7	86.8	W	70.0	97.9	78.1	64.9
November 1993	W	-	73.3	W	W	61.8	90.5	W	72.2	101.5	NA	67.4
December 1992	W	W	77.7	W	W	64.9	94.9	79.5	76.6	101.6	86.4	81.7
Oregon												
December 1993	98.6	-	74.1	W	W	52.9	98.6	W	71.1	95.8	83.4	77.0
November 1993	102.3	W	79.3	W	W	66.4	102.3	W	78.5	98.2	88.6	80.9
December 1992	106.4	W	86.4	W	-	71.9	106.4	W	85.6	102.2	94.1	88.4
Washington												
December 1993	90.4	W	74.1	W	-	60.4	90.6	W	73.5	91.4	79.3	74.4
November 1993	95.6	-	79.9	W	-	69.0	95.7	-	79.4	95.3	81.3	80.7
December 1992	99.4	W	85.6	W	-	72.7	99.7	W	85.0	97.7	88.3	83.6

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						
December 1993	91.2	86.8	51.2	51.1	64.3	30.9
November 1993	95.7	92.7	59.6	58.6	57.9	33.6
December 1992	101.3	97.6	58.9	58.9	68.4	36.3
PAD District I Average						
December 1993	88.3	87.5	50.3	52.3	83.1	33.4
November 1993	93.3	91.8	58.0	59.6	77.0	35.7
December 1992	100.0	96.1	57.7	59.7	W	39.5
Subdistrict IA Average						
December 1993	W	W	53.5	53.7	W	35.3
November 1993	W	W	61.1	61.7	W	38.0
December 1992	W	W	60.9	59.8	W	40.2
Connecticut						
December 1993	W	W	54.8	54.7	W	35.9
November 1993	W	92.6	61.5	W	W	38.0
December 1992	W	W	60.9	W	W	41.5
Maine						
December 1993	W	-	W	W	W	35.5
November 1993	W	-	W	W	W	37.6
December 1992	W	-	W	W	W	W
Massachusetts						
December 1993	W	W	52.3	53.1	W	36.0
November 1993	W	W	60.3	61.0	W	38.6
December 1992	W	W	60.1	59.3	W	40.0
New Hampshire						
December 1993	W	W	54.5	W	W	33.4
November 1993	W	W	57.8	63.2	W	W
December 1992	W	W	62.5	W	W	36.0
Rhode Island						
December 1993	W	W	54.3	W	-	W
November 1993	W	W	61.9	W	-	W
December 1992	W	W	61.3	W	-	41.9
Vermont						
December 1993	W	W	61.8	W	W	33.0
November 1993	W	W	68.9	W	W	38.2
December 1992	W	W	W	W	W	42.4
Subdistrict IB Average						
December 1993	W	86.2	50.3	50.5	W	32.9
November 1993	95.1	90.7	57.7	58.5	72.8	35.2
December 1992	101.6	98.0	57.1	58.6	W	39.2
Delaware						
December 1993	W	W	64.9	W	-	W
November 1993	W	-	68.3	W	-	W
December 1992	W	-	67.8	63.6	-	W
District of Columbia						
December 1993	-	-	-	-	-	-
November 1993	-	-	W	-	-	-
December 1992	-	-	-	-	-	-
Maryland						
December 1993	W	W	49.8	51.3	W	31.6
November 1993	W	W	57.4	58.8	W	33.8
December 1992	W	W	58.0	59.8	W	W
New Jersey						
December 1993	W	84.4	50.1	49.3	NA	31.1
November 1993	W	W	57.4	58.0	41.3	34.6
December 1992	W	W	56.8	58.5	89.9	37.8
New York						
December 1993	W	85.7	54.8	56.5	W	34.3
November 1993	W	92.0	62.7	62.9	W	37.2
December 1992	W	95.6	61.4	61.8	W	40.4
Pennsylvania						
December 1993	W	90.5	50.0	50.1	W	33.1
November 1993	W	92.4	57.3	58.3	W	34.8
December 1992	W	W	57.0	57.2	W	39.0
Subdistrict IC Average						
December 1993	87.2	88.0	49.8	54.8	78.5	33.5
November 1993	91.9	92.3	57.8	61.6	74.1	35.8
December 1992	98.6	95.8	57.7	62.3	W	39.6

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
Florida						
December 1993	86.3	86.1	50.1	54.2	W	37.3
November 1993	89.9	89.1	58.5	61.0	88.4	37.6
December 1992	96.6	93.4	58.6	63.0	W	43.0
Georgia						
December 1993	88.3	91.1	48.2	51.4	W	31.4
November 1993	94.1	97.2	56.7	60.4	60.5	34.3
December 1992	99.5	99.1	55.8	59.6	W	37.4
North Carolina						
December 1993	89.5	W	51.3	53.4	68.9	32.8
November 1993	W	W	56.8	61.5	67.4	35.4
December 1992	102.3	W	57.8	65.0	W	39.4
South Carolina						
December 1993	W	W	53.8	56.2	NA	33.1
November 1993	93.3	95.2	61.9	W	89.5	35.2
December 1992	W	98.4	60.8	W	W	39.4
Virginia						
December 1993	91.0	89.5	49.7	NA	74.7	33.2
November 1993	W	93.7	57.3	63.5	69.4	37.5
December 1992	W	W	57.4	60.6	70.2	40.0
West Virginia						
December 1993	W	W	59.5	W	W	W
November 1993	W	90.8	W	W	W	W
December 1992	W	W	68.6	66.4	W	39.4
PAD District II Average						
December 1993	89.1	87.4	51.2	53.2	73.9	30.9
November 1993	93.8	94.1	57.8	60.7	66.5	35.4
December 1992	97.1	96.1	58.4	60.9	70.2	37.0
Illinois						
December 1993	W	W	49.7	48.2	72.6	31.2
November 1993	W	W	57.1	60.3	68.4	35.6
December 1992	W	W	57.4	57.8	72.1	38.3
Indiana						
December 1993	91.2	91.0	49.1	55.0	78.4	32.7
November 1993	95.4	94.5	55.9	59.0	66.7	37.3
December 1992	96.9	94.0	56.8	64.2	70.5	39.7
Iowa						
December 1993	NA	85.3	54.7	59.4	W	31.5
November 1993	W	94.8	62.9	67.5	W	37.6
December 1992	W	97.1	62.8	64.2	W	37.7
Kansas						
December 1993	W	88.0	54.6	W	W	28.7
November 1993	W	92.6	60.0	64.1	W	32.9
December 1992	W	95.0	56.1	68.6	W	35.1
Kentucky						
December 1993	87.7	W	52.0	49.2	W	30.2
November 1993	W	91.5	60.3	58.8	W	33.0
December 1992	W	W	59.4	58.3	W	37.5
Michigan						
December 1993	W	W	51.7	52.5	82.1	32.3
November 1993	W	W	57.8	60.5	76.8	37.7
December 1992	W	W	59.2	61.9	80.7	35.9
Minnesota						
December 1993	W	NA	NA	54.8	W	32.1
November 1993	W	94.0	59.3	60.9	W	36.8
December 1992	W	98.4	59.8	60.4	W	37.9
Missouri						
December 1993	W	90.5	51.7	54.9	W	31.5
November 1993	W	94.6	58.4	62.5	W	35.7
December 1992	W	W	59.5	66.6	68.6	36.6
Nebraska						
December 1993	W	W	52.4	60.1	W	32.4
November 1993	W	W	60.1	68.1	W	36.6
December 1992	W	95.9	58.8	68.6	W	37.4
North Dakota						
December 1993	W	W	59.6	66.4	W	31.8
November 1993	W	W	66.5	72.1	W	35.6
December 1992	W	W	64.6	70.1	W	36.7

See footnotes at end of table.

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

Geographic Area Month	Aviation Gasoline		Kerosene-Type Jet Fuel		Propane (Consumer Grade)	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Ohio						
December 1993	W	90.3	52.9	52.2	77.8	32.0
November 1993	W	96.5	59.4	62.3	70.2	34.9
December 1992	W	96.4	59.2	61.8	69.2	36.9
Oklahoma						
December 1993	W	88.0	48.8	53.4	53.3	30.2
November 1993	W	90.6	56.5	58.5	44.1	34.0
December 1992	W	93.5	58.3	57.2	64.2	36.9
South Dakota						
December 1993	W	W	61.4	W	W	33.6
November 1993	W	W	70.3	W	W	37.9
December 1992	W	100.2	68.2	W	W	36.8
Tennessee						
December 1993	86.9	89.6	52.9	54.8	W	33.6
November 1993	94.1	94.8	57.3	60.7	W	36.6
December 1992	98.4	95.6	58.6	62.8	W	41.4
Wisconsin						
December 1993	-	NA	51.7	50.7	70.0	33.8
November 1993	-	94.8	58.5	61.4	66.9	38.2
December 1992	W	97.8	59.3	62.8	68.4	38.7
PAD District III Average						
December 1993	84.0	73.6	48.4	48.5	38.3	27.5
November 1993	90.6	80.9	55.7	55.4	35.7	29.6
December 1992	97.3	88.5	55.8	55.7	45.0	33.1
Alabama						
December 1993	86.4	89.4	53.6	55.3	NA	30.0
November 1993	W	94.6	60.4	62.4	61.2	32.8
December 1992	100.8	97.8	60.6	63.0	79.0	36.8
Arkansas						
December 1993	W	W	53.9	51.8	W	34.1
November 1993	W	W	62.0	64.6	W	37.5
December 1992	W	W	62.5	65.8	W	39.7
Louisiana						
December 1993	W	83.2	49.5	48.7	31.9	27.3
November 1993	W	88.8	55.4	55.9	36.0	29.1
December 1992	W	98.1	55.5	57.2	35.2	32.3
Mississippi						
December 1993	W	89.8	48.0	54.7	W	30.3
November 1993	W	93.6	55.3	56.5	61.0	31.6
December 1992	W	99.6	55.7	56.3	W	36.2
New Mexico						
December 1993	W	W	58.4	51.3	W	31.2
November 1993	W	W	66.8	61.7	34.7	32.1
December 1992	W	W	59.8	62.3	37.6	33.8
Texas						
December 1993	83.2	69.1	47.3	47.6	26.7	26.2
November 1993	89.8	76.7	55.2	55.1	28.6	28.8
December 1992	96.0	84.6	55.7	55.2	34.1	32.1
PAD District IV Average						
December 1993	99.0	95.5	56.8	60.6	77.5	36.1
November 1993	103.0	99.3	64.6	66.8	69.5	36.4
December 1992	105.2	102.9	62.4	68.0	75.4	37.5
Colorado						
December 1993	W	92.4	51.5	55.6	68.9	36.0
November 1993	W	96.6	59.6	61.5	70.9	36.1
December 1992	W	102.3	58.6	63.8	70.8	37.8
Idaho						
December 1993	W	W	70.5	73.2	W	43.5
November 1993	-	W	79.1	82.9	W	W
December 1992	W	W	75.3	78.2	W	W
Montana						
December 1993	W	W	70.8	W	W	32.8
November 1993	W	W	79.7	W	W	34.9
December 1992	W	W	73.2	W	W	35.7

See footnotes at end of table.

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

Geographic Area Month	Aviation Gasoline		Kerosene-Type Jet Fuel		Propane (Consumer Grade)	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Utah						
December 1993	99.9	96.4	65.2	65.5	W	41.0
November 1993	W	101.5	72.8	78.5	63.2	39.6
December 1992	W	102.7	65.6	72.8	W	39.2
Wyoming						
December 1993	101.4	W	73.8	W	61.0	36.3
November 1993	W	W	82.8	W	55.4	36.8
December 1992	104.5	W	79.2	W	51.7	37.4
PAD District V Average						
December 1993	101.6	96.9	53.7	53.7	75.7	41.8
November 1993	104.6	100.8	64.9	63.5	71.6	41.8
December 1992	109.8	106.2	62.0	62.2	80.5	42.0
Alaska						
December 1993	W	114.7	59.8	58.2	W	W
November 1993	W	W	69.3	70.5	W	W
December 1992	W	W	67.7	67.6	W	W
Arizona						
December 1993	W	93.1	53.1	57.3	W	40.2
November 1993	W	96.4	64.6	67.0	W	39.8
December 1992	W	103.2	63.5	66.0	W	53.0
California						
December 1993	96.5	93.8	52.5	52.2	W	43.2
November 1993	101.5	98.0	63.8	62.5	W	43.4
December 1992	109.2	103.9	60.5	61.7	W	43.4
Hawaii						
December 1993	W	W	55.1	W	W	W
November 1993	W	W	65.8	W	W	W
December 1992	W	W	65.6	W	W	W
Nevada						
December 1993	W	W	52.4	54.8	W	39.3
November 1993	W	W	65.1	67.2	W	40.5
December 1992	W	W	63.2	64.3	W	43.7
Oregon						
December 1993	W	95.9	53.3	65.1	W	48.0
November 1993	W	97.6	65.4	69.4	W	46.8
December 1992	W	104.6	61.6	64.3	W	43.9
Washington						
December 1993	105.0	W	53.4	56.2	W	35.3
November 1993	108.9	98.9	65.2	68.4	W	34.5
December 1992	W	W	61.2	61.0	W	34.3

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						
December 1993	72.6	53.4	62.2	56.8	52.9	46.1
November 1993	79.4	62.4	74.8	69.8	62.6	57.2
December 1992	84.0	62.8	66.6	63.7	61.2	56.0
PAD District I Average						
December 1993	69.6	53.4	62.2	54.2	53.3	46.2
November 1993	75.5	61.6	74.1	62.2	60.3	54.2
December 1992	81.0	63.5	65.5	62.3	62.7	56.8
Subdistrict IA Average						
December 1993	58.9	53.4	55.1	55.9	57.1	47.2
November 1993	62.2	60.9	W	63.8	61.5	53.9
December 1992	W	64.0	63.0	63.6	64.5	57.5
Connecticut						
December 1993	56.8	W	53.5	W	49.3	46.3
November 1993	W	W	W	65.1	57.6	54.1
December 1992	W	64.6	65.2	64.0	61.6	57.3
Maine						
December 1993	W	53.7	W	56.3	48.4	46.9
November 1993	W	60.9	W	63.7	56.1	53.6
December 1992	W	65.3	W	64.0	58.5	58.2
Massachusetts						
December 1993	W	51.6	W	W	59.0	47.9
November 1993	W	58.0	-	W	63.0	53.8
December 1992	W	61.4	W	W	65.8	57.7
New Hampshire						
December 1993	W	W	W	W	60.7	48.0
November 1993	W	W	W	W	64.2	55.9
December 1992	W	W	W	W	59.2	59.0
Rhode Island						
December 1993	W	W	W	W	57.8	46.2
November 1993	W	W	W	W	62.9	53.5
December 1992	-	W	61.1	W	69.1	56.8
Vermont						
December 1993	W	W	-	W	53.8	W
November 1993	-	W	-	W	60.5	W
December 1992	-	W	W	W	60.8	59.1
Subdistrict IB Average						
December 1993	63.0	53.8	62.6	53.4	55.5	46.3
November 1993	71.3	61.3	76.0	62.7	61.9	53.6
December 1992	78.4	62.4	66.4	61.1	65.1	56.8
Delaware						
December 1993	W	W	W	-	48.5	W
November 1993	W	W	-	-	58.4	52.7
December 1992	-	W	W	W	59.0	W
District of Columbia						
December 1993	-	W	-	-	W	47.3
November 1993	-	-	-	-	W	53.8
December 1992	-	W	-	-	57.4	56.5
Maryland						
December 1993	W	53.3	55.2	W	50.4	46.2
November 1993	NA	61.3	67.8	W	56.7	54.8
December 1992	W	62.4	65.9	65.7	59.5	57.1
New Jersey						
December 1993	58.7	52.6	W	W	51.0	45.7
November 1993	62.9	60.7	-	W	58.5	52.7
December 1992	68.2	61.3	62.4	58.7	61.0	56.6
New York						
December 1993	70.0	56.1	W	W	58.4	47.4
November 1993	73.3	63.1	W	W	63.8	54.4
December 1992	78.9	63.9	63.0	62.8	68.3	57.4
Pennsylvania						
December 1993	68.1	52.8	70.2	52.1	58.1	46.1
November 1993	75.0	60.5	81.0	62.9	64.5	53.9
December 1992	82.4	61.8	69.0	62.8	66.7	56.5
Subdistrict IC Average						
December 1993	91.6	53.1	71.2	54.0	50.9	45.7
November 1993	88.8	62.0	W	60.8	59.1	55.4
December 1992	98.0	64.2	65.6	62.0	61.0	56.3

See footnotes at end of table.

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

Geographic Area Month	Kerosene		No. 1 Distillate		No. 2 Distillate	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Florida						
December 1993	NA	54.2	-	W	51.2	46.5
November 1993	76.8	63.9	-	W	59.0	56.1
December 1992	W	64.7	W	W	61.2	56.9
Georgia						
December 1993	NA	52.5	W	52.8	52.6	45.6
November 1993	NA	61.5	-	64.4	59.3	55.5
December 1992	NA	62.1	61.4	62.7	62.0	56.0
North Carolina						
December 1993	NA	52.7	W	NA	49.1	45.3
November 1993	NA	61.6	W	60.9	57.5	54.4
December 1992	95.2	64.9	61.8	59.5	59.4	55.9
South Carolina						
December 1993	NA	53.1	-	52.0	51.0	46.0
November 1993	NA	62.0	-	W	60.0	55.4
December 1992	109.9	64.8	W	W	59.4	56.3
Virginia						
December 1993	55.8	53.5	61.8	53.2	49.3	45.0
November 1993	63.1	61.9	W	59.9	57.3	55.0
December 1992	64.1	62.5	62.3	61.4	60.1	56.2
West Virginia						
December 1993	NA	54.3	82.6	W	52.1	46.5
November 1993	NA	65.6	W	70.5	63.5	57.7
December 1992	79.1	66.6	80.6	70.7	63.4	57.5
PAD District II Average						
December 1993	79.0	55.9	55.3	53.1	50.6	45.5
November 1993	85.5	67.1	68.2	66.5	61.2	58.1
December 1992	92.8	64.3	62.1	61.6	59.1	55.0
Illinois						
December 1993	71.5	52.3	W	51.1	46.6	42.9
November 1993	81.9	64.9	W	62.6	58.6	55.8
December 1992	89.5	59.9	W	60.0	57.0	53.0
Indiana						
December 1993	98.3	55.1	53.7	51.2	49.8	43.5
November 1993	100.4	66.1	NA	62.6	61.4	57.0
December 1992	109.5	62.9	61.6	61.4	58.8	53.5
Iowa						
December 1993	W	W	W	54.8	50.6	47.1
November 1993	W	W	W	67.1	62.0	60.5
December 1992	-	74.1	63.3	62.3	57.6	56.3
Kansas						
December 1993	W	63.1	52.8	51.2	49.9	45.8
November 1993	-	75.9	65.5	65.9	58.2	58.0
December 1992	-	67.0	61.5	59.4	56.8	54.6
Kentucky						
December 1993	73.4	56.4	79.9	55.3	51.4	46.3
November 1993	80.1	67.6	90.1	63.6	60.1	57.4
December 1992	90.2	67.0	72.7	65.2	60.3	56.6
Michigan						
December 1993	NA	60.7	56.7	49.8	48.3	44.9
November 1993	NA	70.3	67.6	66.0	61.0	58.0
December 1992	117.4	62.2	62.4	61.1	57.6	54.4
Minnesota						
December 1993	W	55.3	NA	55.0	50.3	47.9
November 1993	W	67.9	66.9	68.2	61.2	61.1
December 1992	W	68.5	62.5	63.5	57.6	56.7
Missouri						
December 1993	W	53.1	W	53.3	49.1	46.4
November 1993	W	67.4	W	65.8	62.4	59.8
December 1992	W	63.2	W	61.2	57.8	55.0
Nebraska						
December 1993	-	61.2	W	54.8	51.3	47.8
November 1993	-	69.9	W	67.4	63.1	61.6
December 1992	-	69.7	W	62.5	W	56.4
North Dakota						
December 1993	W	W	57.8	58.1	W	50.4
November 1993	W	W	W	71.3	59.7	63.0
December 1992	W	W	65.7	65.1	W	58.0

See footnotes at end of table.

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

Geographic Area Month	Kerosene		No. 1 Distillate		No. 2 Distillate	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Ohio						
December 1993	80.7	56.7	68.7	54.9	54.3	46.0
November 1993	82.1	67.0	W	64.0	65.2	59.2
December 1992	84.3	64.1	70.8	62.5	62.4	56.7
Oklahoma						
December 1993	W	55.9	56.6	48.9	49.0	44.8
November 1993	-	W	W	60.3	56.6	56.4
December 1992	W	63.7	60.6	58.0	56.9	53.9
South Dakota						
December 1993	W	W	W	56.2	W	49.5
November 1993	-	W	W	69.7	64.7	63.8
December 1992	-	W	63.0	64.2	58.0	57.4
Tennessee						
December 1993	76.9	52.9	-	NA	50.0	45.7
November 1993	85.0	63.5	-	59.2	59.1	55.5
December 1992	107.1	65.2	62.8	61.7	60.1	55.6
Wisconsin						
December 1993	W	56.6	52.1	52.1	49.5	44.5
November 1993	W	68.4	65.7	65.6	63.1	57.8
December 1992	W	68.2	60.1	61.2	58.1	54.5
PAD District III Average						
December 1993	76.6	48.7	53.1	55.9	50.4	44.3
November 1993	81.6	55.6	64.2	55.7	59.7	53.7
December 1992	78.2	57.0	62.8	64.4	59.5	54.3
Alabama						
December 1993	NA	53.6	-	NA	48.4	44.6
November 1993	NA	62.8	-	63.1	56.7	55.4
December 1992	119.5	63.3	62.6	W	58.5	55.2
Arkansas						
December 1993	-	53.1	-	W	49.3	44.8
November 1993	W	58.6	-	W	59.5	55.8
December 1992	-	64.7	W	W	60.4	54.7
Louisiana						
December 1993	W	50.7	-	W	50.4	44.1
November 1993	W	55.1	-	W	56.2	51.3
December 1992	W	W	W	W	57.8	53.9
Mississippi						
December 1993	W	W	-	-	48.2	44.5
November 1993	W	W	-	-	56.1	52.2
December 1992	-	W	60.8	W	57.0	54.5
New Mexico						
December 1993	-	W	W	66.9	69.7	51.4
November 1993	-	NA	W	80.4	76.5	65.6
December 1992	W	79.3	W	73.3	67.2	60.3
Texas						
December 1993	W	NA	W	51.6	50.2	44.0
November 1993	W	62.7	W	53.1	60.0	53.9
December 1992	W	63.0	59.0	62.3	59.4	54.1
PAD District IV Average						
December 1993	W	66.3	77.9	67.4	61.1	54.7
November 1993	W	88.1	90.8	87.8	76.0	77.0
December 1992	-	70.9	69.7	67.9	61.3	59.2
Colorado						
December 1993	-	W	83.2	60.2	60.8	51.0
November 1993	-	83.9	W	77.1	69.8	68.3
December 1992	-	W	73.9	65.5	61.5	57.9
Idaho						
December 1993	-	W	W	72.4	W	57.5
November 1993	-	W	W	94.9	W	94.9
December 1992	-	W	W	70.9	W	61.8
Montana						
December 1993	-	W	67.5	70.3	59.3	57.3
November 1993	-	-	88.7	91.5	76.8	79.9
December 1992	-	-	66.8	68.3	59.9	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
Utah						
December 1993	-	NA	72.2	68.7	57.4	55.5
November 1993	-	W	95.4	94.4	79.3	83.5
December 1992	-	W	67.3	68.5	61.1	60.9
Wyoming						
December 1993	W	W	75.2	67.0	64.9	54.5
November 1993	W	-	89.6	87.7	77.7	78.5
December 1992	-	-	69.3	67.5	61.7	57.6
PAD District V Average						
December 1993	72.7	W	72.9	66.0	58.8	49.2
November 1993	W	71.9	78.0	78.3	71.2	65.3
December 1992	W	64.1	76.7	70.4	64.5	58.1
Alaska						
December 1993	-	-	71.2	70.5	80.9	47.9
November 1993	-	-	73.9	73.7	84.3	63.9
December 1992	-	-	79.7	72.6	87.4	60.3
Arizona						
December 1993	W	W	W	62.1	58.3	50.9
November 1993	W	W	W	75.0	73.0	63.9
December 1992	W	W	78.4	74.4	67.6	63.0
California						
December 1993	-	W	W	57.6	55.9	49.2
November 1993	-	76.5	W	76.4	70.2	65.0
December 1992	-	61.7	W	64.7	62.6	57.4
Hawaii						
December 1993	-	-	W	W	W	76.6
November 1993	-	-	W	-	W	77.5
December 1992	-	-	W	W	68.9	72.6
Nevada						
December 1993	-	-	W	66.8	54.2	52.1
November 1993	-	-	W	82.1	71.0	69.0
December 1992	-	-	W	66.0	64.6	60.8
Oregon						
December 1993	W	W	75.3	62.8	53.2	47.4
November 1993	-	W	W	78.7	69.9	65.9
December 1992	W	W	71.1	70.0	60.8	57.8
Washington						
December 1993	W	-	80.0	64.8	61.9	48.0
November 1993	W	W	NA	83.6	74.1	65.2
December 1992	-	W	74.0	69.3	63.8	57.1

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.

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."

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**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*	To Non- Residential End Users		To Residential Consumers*	To Non- Residential End Users		To Residential Consumers*	To Non- Residential End Users	
U.S. Average									
December 1993	84.0	52.1	46.1	86.5	63.1	50.1	86.5	59.8	47.4
November 1993	86.3	62.2	57.2	88.6	71.5	58.5	88.6	68.9	57.6
December 1992	89.0	60.6	56.0	94.6	69.7	59.6	94.5	66.7	57.0
PAD District I Average									
December 1993	82.0	51.6	46.2	87.5	64.2	50.0	87.4	60.5	47.7
November 1993	83.3	59.4	54.2	88.9	68.5	55.8	88.8	65.8	54.9
December 1992	88.7	61.4	56.8	96.0	70.7	60.0	95.9	68.0	58.0
Subdistrict IA Average									
December 1993	W	53.8	47.2	84.1	66.7	50.5	84.0	64.9	49.0
November 1993	W	58.8	53.9	85.6	70.0	55.2	85.6	68.5	54.7
December 1992	W	60.5	57.5	92.4	73.6	60.2	92.4	72.1	59.0
Connecticut									
December 1993	-	49.3	46.9	87.6	65.9	51.0	87.6	64.0	49.1
November 1993	-	57.6	54.1	88.9	69.8	55.7	88.9	68.0	55.0
December 1992	-	61.6	57.3	95.2	74.7	59.8	95.2	73.6	58.5
Maine									
December 1993	-	48.4	46.9	78.8	65.7	51.2	78.8	65.2	48.9
November 1993	-	56.1	53.6	80.6	71.0	56.8	80.6	70.3	55.5
December 1992	-	58.5	58.2	85.7	73.1	60.9	85.7	72.3	60.0
Massachusetts									
December 1993	W	54.9	47.9	83.8	65.9	50.2	83.8	63.5	49.2
November 1993	W	59.3	53.8	85.9	68.3	54.3	85.9	66.6	54.1
December 1992	W	60.6	57.7	93.6	72.5	59.7	93.5	70.7	58.8
New Hampshire									
December 1993	-	60.7	48.0	78.3	69.9	50.0	78.3	68.7	49.8
November 1993	-	64.2	55.9	77.1	71.4	55.5	77.1	70.8	55.5
December 1992	-	59.2	59.0	87.7	74.5	61.2	87.7	73.5	60.8
Rhode Island									
December 1993	W	50.0	46.2	86.1	69.5	49.6	85.9	66.9	47.7
November 1993	W	57.0	53.5	87.9	72.5	54.7	87.7	70.2	54.2
December 1992	W	59.3	56.8	91.6	76.4	60.3	91.5	74.3	58.5
Vermont									
December 1993	-	53.8	W	87.4	70.9	53.1	87.4	70.1	52.5
November 1993	-	60.5	W	86.1	74.2	59.5	86.1	73.6	58.7
December 1992	-	60.8	59.1	92.9	74.5	62.4	92.9	73.3	61.0
Subdistrict IB Average									
December 1993	82.4	52.3	46.3	89.9	65.6	49.7	89.7	61.8	47.6
November 1993	83.1	60.0	53.6	91.5	69.0	55.9	91.3	66.6	54.5
December 1992	88.8	62.4	56.8	98.3	72.3	59.8	98.0	69.4	57.8
Delaware									
December 1993	W	48.4	W	NA	62.4	49.8	NA	59.4	46.5
November 1993	-	58.4	52.7	88.3	65.8	54.9	88.3	64.3	53.2
December 1992	-	59.0	W	90.9	67.9	61.5	90.9	65.8	56.4
District of Columbia									
December 1993	-	W	47.3	100.1	60.8	W	100.1	57.1	50.4
November 1993	-	W	53.8	100.6	66.6	61.9	100.6	65.2	NA
December 1992	-	57.4	56.5	105.4	67.8	W	105.4	66.5	64.0
Maryland									
December 1993	W	50.4	46.2	94.6	61.6	49.9	94.6	58.5	47.9
November 1993	W	56.7	54.8	95.9	67.5	58.8	95.9	64.3	56.5
December 1992	W	59.5	57.1	100.4	70.5	64.9	100.4	67.4	60.2
New Jersey									
December 1993	-	51.0	45.7	87.0	64.7	47.9	87.0	59.7	46.5
November 1993	-	58.5	52.7	89.6	66.4	53.3	89.6	63.8	52.9
December 1992	-	61.0	56.6	95.4	69.1	57.4	95.4	66.4	56.8
New York									
December 1993	W	54.6	47.4	94.2	69.0	50.2	94.0	65.4	48.6
November 1993	W	61.3	54.4	96.0	72.0	55.8	95.9	69.7	55.0
December 1992	W	65.1	57.4	104.5	76.9	60.6	104.3	73.5	58.6

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									
December 1993	W	52.6	46.1	84.6	65.1	51.3	84.4	61.5	48.0
November 1993	W	61.7	53.9	85.4	68.4	57.7	85.2	66.5	55.5
December 1992	W	62.0	56.5	89.4	70.9	59.9	89.3	68.6	57.8
Subdistrict IC Average^b									
December 1993	W	50.9	45.7	89.3	61.8	49.7	89.3	57.9	46.8
November 1993	W	59.1	55.4	88.6	67.4	56.6	88.6	64.4	55.8
December 1992	W	60.9	56.3	96.6	68.3	60.4	96.6	65.7	57.4
Virginia									
December 1993	W	49.2	45.0	86.3	62.6	52.3	86.2	59.3	46.3
November 1993	W	57.3	55.0	84.4	66.8	57.6	84.4	64.5	55.6
December 1992	W	60.0	56.2	93.3	69.5	60.6	93.3	67.2	57.3
West Virginia									
December 1993	W	51.9	46.5	84.9	59.7	55.6	84.6	56.2	48.9
November 1993	W	63.4	57.7	84.1	67.4	62.3	84.0	65.7	58.9
December 1992	W	63.3	57.5	89.4	69.4	63.8	89.0	66.8	58.4
PAD District II Average^b									
December 1993	W	50.5	45.5	79.2	60.9	51.5	79.2	57.5	47.1
November 1993	W	61.1	58.1	84.0	71.2	61.7	84.0	68.2	59.2
December 1992	W	59.0	55.0	84.1	69.1	58.6	84.0	65.4	55.9
Illinois									
December 1993	-	46.6	42.9	78.2	62.3	50.2	78.2	58.6	44.6
November 1993	-	58.6	55.8	82.3	72.1	59.1	82.3	69.2	56.9
December 1992	-	57.0	53.0	88.2	71.2	57.8	88.2	67.7	54.3
Indiana									
December 1993	W	49.8	43.5	76.5	60.7	48.8	76.4	56.5	44.9
November 1993	W	61.4	57.0	81.0	71.5	57.6	81.0	68.2	57.1
December 1992	W	58.8	53.5	81.8	69.3	57.3	81.8	64.6	54.6
Michigan									
December 1993	-	48.3	44.9	82.1	62.4	49.9	82.1	58.1	46.7
November 1993	-	61.0	58.0	86.6	74.2	62.1	86.6	70.2	59.4
December 1992	-	57.6	54.4	87.9	72.7	60.1	87.9	67.1	56.2
Minnesota									
December 1993	-	50.3	47.9	81.0	70.1	58.8	81.0	65.1	51.0
November 1993	-	61.2	61.1	85.6	77.9	66.0	85.6	73.9	62.7
December 1992	-	57.6	56.7	83.1	73.6	60.7	83.1	68.2	57.5
Ohio									
December 1993	W	53.9	46.0	80.9	62.1	50.5	80.8	57.4	47.1
November 1993	W	65.1	59.2	84.6	72.7	58.6	84.5	68.6	59.0
December 1992	W	62.1	56.7	84.5	69.7	58.1	84.5	65.6	57.0
Wisconsin									
December 1993	W	49.5	44.5	78.8	62.2	52.8	78.8	60.2	47.5
November 1993	W	63.1	57.8	82.6	73.2	60.7	82.6	71.8	58.9
December 1992	-	58.1	54.5	84.3	70.1	56.4	84.3	68.2	55.0
PAD District III Average									
December 1993	-	50.4	44.3	78.5	58.9	46.6	78.5	56.3	44.9
November 1993	-	59.7	53.7	80.9	65.5	54.6	80.9	63.9	53.9
December 1992	-	59.5	54.3	71.6	64.6	55.9	71.6	63.0	54.6
PAD District IV Average^b									
December 1993	-	61.1	54.7	85.2	71.9	61.9	85.2	68.5	56.4
November 1993	-	76.0	77.0	97.5	86.4	77.6	97.5	83.2	77.2
December 1992	-	61.3	59.2	86.1	74.7	64.3	86.1	70.0	60.2
Idaho									
December 1993	-	W	57.5	84.2	74.2	NA	84.2	71.6	60.3
November 1993	-	W	84.9	98.2	89.3	85.2	98.2	87.2	84.9
December 1992	-	W	61.8	86.8	76.4	67.8	86.8	74.0	63.0

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									
December 1993	94.1	57.3	49.2	93.5	67.5	56.1	93.6	64.9	50.4
November 1993	96.9	70.4	65.3	101.0	81.7	70.2	100.5	78.9	66.5
December 1992	92.6	63.5	58.1	97.1	73.2	67.7	96.6	70.1	59.5
Alaska									
December 1993	W	77.1	47.9	94.7	NA	NA	91.7	84.8	53.2
November 1993	W	83.2	63.9	97.8	92.6	NA	94.3	91.1	NA
December 1992	W	87.4	60.3	100.2	89.1	83.8	95.8	88.7	65.8
Oregon									
December 1993	W	50.5	47.4	86.9	69.9	56.9	88.3	65.6	48.2
November 1993	W	68.3	65.9	96.4	82.6	80.4	97.4	79.3	69.1
December 1992	W	59.0	57.8	90.5	75.8	64.2	91.5	70.3	58.6
Washington									
December 1993	W	57.5	48.0	96.5	63.4	54.2	96.8	62.0	48.4
November 1993	W	72.5	65.2	104.2	83.4	74.3	104.3	79.9	65.9
December 1992	W	60.1	57.1	100.1	71.7	66.4	99.7	68.0	58.3

^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							
December 1993	86.5	55.5	59.8	65.9	62.6	67.3	47.4
November 1993	88.6	63.8	68.2	75.2	72.6	73.0	57.6
December 1992	94.5	63.0	66.0	72.1	69.9	74.9	57.0
PAD District I Average							
December 1993	87.4	58.9	60.0	67.7	57.9	73.9	47.7
November 1993	88.8	63.6	65.7	71.6	65.3	75.3	54.9
December 1992	95.9	67.1	66.6	73.6	66.4	81.9	58.0
Subdistrict 1A Average							
December 1993	84.0	65.0	63.7	75.2	58.8	78.7	49.0
November 1993	85.6	67.8	68.8	77.1	64.7	80.3	54.7
December 1992	92.4	71.2	67.8	84.0	69.7	85.8	59.0
Connecticut							
December 1993	87.6	63.8	63.8	75.7	59.1	81.8	49.1
November 1993	88.9	67.4	68.3	79.9	65.9	82.9	55.0
December 1992	95.2	71.3	65.6	88.9	64.2	89.1	58.5
Maine							
December 1993	78.8	63.2	63.5	74.5	63.3	74.0	48.9
November 1993	80.6	67.7	68.7	77.3	70.0	76.3	55.5
December 1992	85.7	70.6	70.3	81.5	72.2	80.2	60.0
Massachusetts							
December 1993	83.8	65.0	NA	75.4	56.5	78.0	49.2
November 1993	85.9	66.7	70.5	76.8	60.8	80.2	54.1
December 1992	93.5	70.5	67.3	82.1	69.3	85.3	58.8
New Hampshire							
December 1993	78.3	66.4	56.8	75.4	63.6	75.6	49.8
November 1993	77.1	68.4	61.9	75.3	69.7	74.8	55.5
December 1992	87.7	72.3	65.0	77.5	82.7	83.9	60.8
Rhode Island							
December 1993	85.9	68.1	64.4	74.9	51.4	82.2	47.7
November 1993	87.7	71.9	65.7	79.0	58.0	83.7	54.2
December 1992	91.5	77.5	68.7	78.0	59.8	88.3	58.5
Vermont							
December 1993	87.4	70.2	68.6	77.3	62.1	81.7	52.5
November 1993	86.1	73.4	70.9	80.6	70.3	81.3	58.7
December 1992	92.9	72.8	70.4	80.7	77.1	85.2	61.0
Subdistrict 1B Average							
December 1993	89.7	61.1	62.6	69.8	57.4	77.5	47.6
November 1993	91.3	64.9	66.5	74.6	64.5	78.6	54.5
December 1992	98.0	69.2	67.6	76.8	66.3	86.4	57.8
Delaware							
December 1993	NA	56.3	57.0	65.6	59.1	73.9	46.5
November 1993	88.3	60.7	63.2	68.4	66.7	74.7	53.2
December 1992	90.9	63.8	63.8	73.3	63.7	81.1	56.4
District of Columbia							
December 1993	100.1	62.9	W	W	46.0	65.1	50.4
November 1993	100.6	65.1	W	W	66.7	73.5	NA
December 1992	105.4	66.6	W	W	63.1	77.2	64.0
Maryland							
December 1993	94.6	57.7	58.9	69.3	55.8	74.1	47.9
November 1993	95.9	62.6	64.8	73.7	63.8	75.3	56.5
December 1992	100.4	67.4	55.9	77.5	65.1	82.1	60.2
New Jersey							
December 1993	87.0	57.7	63.8	67.0	56.2	75.1	46.5
November 1993	89.6	60.9	67.9	73.4	63.0	76.3	52.9
December 1992	95.4	66.0	63.5	76.7	W	82.9	56.8
New York							
December 1993	94.0	66.6	62.7	76.5	56.6	83.6	48.6
November 1993	95.9	70.1	67.2	79.7	63.6	84.3	55.0
December 1992	104.3	74.4	71.3	79.6	68.6	94.7	58.6

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							
December 1993	84.4	59.0	64.5	68.2	60.0	73.9	48.0
November 1993	85.2	63.4	66.4	73.6	65.7	75.2	55.5
December 1992	89.3	66.9	67.7	75.7	67.4	79.7	57.8
Subdistrict IC Average^d							
December 1993	89.3	53.4	56.9	65.8	58.1	62.9	46.8
November 1993	88.6	60.5	64.3	69.6	66.0	66.6	55.8
December 1992	96.6	62.2	65.5	71.0	66.2	72.6	57.4
Virginia							
December 1993	86.2	56.9	59.3	65.5	58.1	67.1	46.3
November 1993	84.4	62.2	62.4	69.3	65.9	68.4	55.6
December 1992	93.3	64.3	67.5	71.4	68.7	76.0	57.3
West Virginia							
December 1993	84.6	51.8	57.4	71.6	52.5	58.9	48.9
November 1993	84.0	61.9	66.7	74.8	62.8	66.9	58.9
December 1992	89.0	63.0	68.0	77.5	65.9	68.4	58.4
PAD District II Average^d							
December 1993	79.2	51.7	58.2	62.4	64.6	60.7	47.1
November 1993	84.0	61.2	67.2	74.0	76.0	69.9	59.2
December 1992	84.0	59.4	65.4	69.5	72.4	68.0	55.9
Illinois							
December 1993	78.2	51.8	63.3	67.5	66.0	60.2	44.6
November 1993	82.3	61.8	74.2	77.2	76.6	70.0	56.9
December 1992	88.2	61.0	70.1	72.9	71.8	68.9	54.3
Indiana							
December 1993	76.4	51.8	57.8	59.3	65.4	58.6	44.9
November 1993	81.0	61.2	64.9	72.5	77.4	69.1	57.1
December 1992	81.8	60.3	62.4	64.9	78.8	66.2	54.6
Michigan							
December 1993	82.1	54.8	58.1	67.5	57.4	64.1	46.7
November 1993	86.6	67.4	67.5	79.0	70.1	74.2	59.4
December 1992	87.9	59.5	68.9	72.3	74.1	73.3	56.2
Minnesota							
December 1993	81.0	58.6	64.2	71.3	67.6	70.2	51.0
November 1993	85.6	68.1	68.9	76.3	79.6	76.6	62.7
December 1992	83.1	61.5	65.1	72.3	74.4	74.6	57.5
Ohio							
December 1993	80.8	52.2	54.5	65.3	63.0	63.0	47.1
November 1993	84.5	63.0	65.2	75.5	75.5	71.4	59.0
December 1992	84.5	61.0	65.2	70.9	71.7	68.5	57.0
Wisconsin							
December 1993	78.8	57.0	58.7	65.0	59.4	67.0	47.5
November 1993	82.6	68.5	69.8	76.8	71.9	74.7	58.9
December 1992	84.3	60.3	62.1	73.0	77.9	73.7	55.0
PAD District III Average							
December 1993	78.5	49.5	54.9	64.4	60.4	56.3	44.9
November 1993	80.9	57.9	61.3	72.2	65.9	63.9	53.9
December 1992	71.6	57.5	62.6	70.5	69.0	63.0	54.6
PAD District IV Average^d							
December 1993	85.2	62.3	70.3	73.5	76.4	69.1	56.4
November 1993	97.5	76.1	85.3	89.0	89.9	83.7	77.2
December 1992	86.1	63.1	68.5	77.7	75.0	70.6	60.2
Idaho							
December 1993	84.2	67.5	NA	70.0	77.1	73.1	60.3
November 1993	98.2	80.7	93.3	94.5	93.7	88.4	84.9
December 1992	86.8	66.1	72.7	79.1	77.1	75.8	63.0

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							
December 1993	93.6	59.8	65.0	73.3	66.2	67.7	50.4
November 1993	100.5	74.1	79.0	86.9	79.7	80.5	66.5
December 1992	96.6	64.7	70.8	77.8	71.5	72.5	59.5
Alaska							
December 1993	91.7	NA	84.1	84.8	79.1	87.1	53.2
November 1993	94.3	92.4	90.8	NA	82.7	92.2	NA
December 1992	95.8	90.2	82.0	94.2	84.9	91.0	65.8
Oregon							
December 1993	88.3	56.1	68.3	70.1	NA	68.8	48.2
November 1993	97.4	72.0	76.8	86.3	81.8	81.7	69.1
December 1992	91.5	64.2	76.9	80.1	76.3	73.3	58.6
Washington							
December 1993	96.8	58.3	56.1	76.2	68.2	70.7	48.4
November 1993	104.3	76.1	82.9	88.8	85.0	84.4	65.9
December 1992	99.7	63.4	67.9	78.5	73.3	79.2	58.3

^a No. 2 fuel oil only.

^b No. 2 diesel fuel only.

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

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

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

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

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

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

Geographic Area Month	Sales to End Users					Sales for Resale
	To Residential Consumers	To Commercial/ Institutional Consumers	To Industrial Consumers	To Other End Users*	Average	
U.S. Average						
December 1993	86.5	64.2	59.0	55.9	80.6	46.6
November 1993	88.6	67.1	64.1	64.0	82.7	53.9
December 1992	94.5	70.3	65.5	65.3	87.8	56.7
PAD District I Average						
December 1993	87.4	66.6	58.9	55.2	82.1	47.6
November 1993	88.8	68.8	63.3	62.1	83.7	53.6
December 1992	95.9	71.8	65.5	64.3	89.4	57.8
Subdistrict IA Average						
December 1993	84.0	67.1	62.5	56.9	80.7	48.8
November 1993	85.6	68.9	66.6	60.9	82.4	53.8
December 1992	92.4	72.3	67.7	67.1	87.7	58.8
Connecticut						
December 1993	87.6	66.6	66.0	48.4	84.4	49.0
November 1993	88.9	70.4	68.0	57.1	85.9	54.1
December 1992	95.2	73.4	64.4	60.6	91.3	58.3
Maine						
December 1993	78.8	64.2	61.7	61.2	75.3	48.5
November 1993	80.6	68.2	66.1	68.3	77.8	54.1
December 1992	85.7	71.4	70.6	W	81.6	59.8
Massachusetts						
December 1993	83.8	67.1	58.7	56.3	80.0	49.0
November 1993	85.9	67.3	65.8	60.1	81.9	53.5
December 1992	93.5	71.2	67.5	70.4	87.0	58.7
New Hampshire						
December 1993	78.3	69.3	56.7	W	76.8	49.2
November 1993	77.1	68.6	60.2	W	75.6	54.3
December 1992	87.7	73.6	64.3	62.3	85.4	60.3
Rhode Island						
December 1993	85.9	71.6	NA	W	84.2	47.5
November 1993	87.7	75.4	68.6	W	86.1	53.3
December 1992	91.5	80.6	67.7	W	89.8	58.4
Vermont						
December 1993	87.4	72.4	68.0	55.4	84.6	51.1
November 1993	86.1	74.4	67.2	66.0	83.8	56.1
December 1992	92.9	78.0	71.9	73.9	89.6	59.9
Subdistrict IB Average						
December 1993	89.7	67.8	58.6	56.5	84.3	47.4
November 1993	91.3	70.1	63.1	62.8	86.2	53.4
December 1992	98.0	74.7	65.8	65.1	92.1	57.6
Delaware						
December 1993	NA	62.4	55.7	W	81.7	46.5
November 1993	88.3	64.1	60.8	57.2	82.2	52.0
December 1992	90.9	67.5	62.9	58.8	86.0	56.3
District of Columbia						
December 1993	100.1	66.9	W	W	67.4	50.2
November 1993	100.6	68.0	W	W	78.0	NA
December 1992	105.4	66.4	W	W	78.5	64.0
Maryland						
December 1993	94.6	61.8	62.5	54.0	82.9	47.0
November 1993	95.9	65.8	68.3	58.8	85.0	55.6
December 1992	100.4	71.9	66.4	61.4	88.1	60.3
New Jersey						
December 1993	87.0	63.8	51.4	52.3	82.4	46.1
November 1993	89.6	70.0	57.2	60.5	85.7	52.1
December 1992	95.4	71.4	62.3	W	89.7	56.7
New York						
December 1993	94.0	71.1	59.1	56.6	88.5	48.4
November 1993	95.9	72.0	63.5	63.3	89.5	54.2
December 1992	104.3	77.6	64.3	69.9	98.3	58.5

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*	Average	
Pennsylvania						
December 1993	84.4	67.5	62.2	63.1	81.1	47.9
November 1993	85.2	69.1	67.0	68.1	82.6	53.9
December 1992	89.3	73.7	67.6	68.6	85.5	57.7
Subdistrict IC Average^b						
December 1993	89.3	61.1	56.1	52.7	76.5	45.7
November 1993	88.6	64.5	60.1	61.7	76.0	54.2
December 1992	96.6	64.2	63.5	62.5	84.6	56.8
Virginia						
December 1993	86.2	61.1	NA	52.1	77.5	45.0
November 1993	84.4	63.5	59.0	58.6	76.3	53.7
December 1992	93.3	67.3	70.1	60.7	84.1	57.1
West Virginia						
December 1993	84.6	51.0	50.1	47.0	63.7	45.9
November 1993	84.0	60.9	60.1	60.6	68.3	56.6
December 1992	89.0	68.8	65.6	60.2	73.6	56.3
PAD District II Average^b						
December 1993	79.2	52.4	55.1	57.1	71.5	45.7
November 1993	84.0	60.9	62.8	66.9	76.5	56.2
December 1992	84.0	60.6	65.4	67.3	76.7	55.0
Illinois						
December 1993	78.2	47.7	54.0	58.9	66.7	43.3
November 1993	82.3	61.9	62.6	67.8	72.3	54.0
December 1992	88.2	58.9	73.3	67.1	73.9	53.3
Indiana						
December 1993	76.4	53.2	53.5	56.8	67.1	44.3
November 1993	81.0	W	57.6	62.1	69.5	55.3
December 1992	81.8	61.8	63.5	72.8	72.5	53.7
Michigan						
December 1993	82.1	51.8	59.7	53.6	73.8	46.4
November 1993	86.6	60.7	67.7	65.9	80.2	56.8
December 1992	87.9	60.9	72.8	66.4	82.4	55.1
Minnesota						
December 1993	81.0	NA	61.4	64.3	77.3	50.3
November 1993	85.6	66.8	74.8	72.5	80.8	59.5
December 1992	83.1	58.6	64.4	68.5	79.6	57.3
Ohio						
December 1993	80.8	50.8	53.6	50.2	71.7	45.4
November 1993	84.5	60.1	60.1	57.6	76.0	56.0
December 1992	84.5	61.8	62.8	61.7	75.0	55.7
Wisconsin						
December 1993	78.8	56.2	51.9	46.5	74.6	44.9
November 1993	82.6	68.3	66.2	61.8	80.9	55.9
December 1992	84.3	61.4	68.8	74.5	80.6	54.4
PAD District III Average						
December 1993	78.5	51.2	54.3	W	54.4	43.6
November 1993	80.9	55.0	NA	W	58.4	50.9
December 1992	71.6	57.6	58.1	W	58.1	53.9
PAD District IV Average^b						
December 1993	85.2	83.6	W	81.0	84.5	53.1
November 1993	97.5	93.4	W	84.7	94.5	73.5
December 1992	86.1	73.1	W	85.5	84.6	58.2
Idaho						
December 1993	84.2	79.7	-	81.9	83.3	NA
November 1993	98.2	91.9	W	93.0	97.7	86.7
December 1992	86.8	W	NA	86.1	86.1	62.1

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						
December 1993	93.6	73.6	NA	69.0	89.0	49.3
November 1993	100.5	79.2	72.7	73.8	94.1	67.9
December 1992	96.6	85.1	69.1	78.7	93.5	60.4
Alaska						
December 1993	91.7	85.4	101.0	68.3	89.4	49.2
November 1993	94.3	90.0	96.4	NA	92.8	64.7
December 1992	95.8	92.1	W	W	94.4	63.9
Oregon						
December 1993	88.3	58.7	W	60.1	80.6	58.5
November 1993	97.4	73.4	W	72.1	88.6	67.3
December 1992	91.5	79.4	W	W	88.7	57.6
Washington						
December 1993	96.8	65.4	67.4	60.8	93.8	52.7
November 1993	104.3	75.7	71.3	NA	98.1	69.5
December 1992	99.7	73.2	65.5	70.1	97.0	58.9

^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								
December 1993	46.4	43.6	35.6	27.4	25.8	21.4	29.2	24.5
November 1993	49.1	45.2	38.7	31.0	27.0	23.6	29.9	26.7
December 1992	53.7	51.6	40.2	35.9	33.4	28.1	36.2	30.6
PAD District I Average								
December 1993	47.9	43.5	35.6	30.7	28.6	24.8	31.8	29.5
November 1993	50.6	45.8	38.9	33.1	30.1	26.1	33.1	31.2
December 1992	55.4	53.3	39.3	39.8	36.8	32.0	38.2	37.0
Subdistrict IA Average								
December 1993	W	W	W	28.7	W	W	W	27.1
November 1993	W	W	W	W	36.3	W	38.9	W
December 1992	W	W	37.1	W	37.6	W	37.2	W
Subdistrict IB Average								
December 1993	W	44.1	36.3	W	27.9	26.2	33.5	30.7
November 1993	W	46.8	39.2	33.5	W	27.0	35.6	32.6
December 1992	W	53.8	40.2	40.1	38.4	31.2	39.8	36.7
Subdistrict IC Average								
December 1993	43.8	NA	30.7	-	28.8	25.6	29.1	25.6
November 1993	47.7	W	35.2	W	30.1	25.0	30.4	25.3
December 1992	51.1	W	37.6	W	36.0	W	36.3	W
PAD District II Average								
December 1993	W	NA	W	22.6	30.8	W	31.7	27.3
November 1993	W	W	42.0	W	31.7	24.5	32.8	24.4
December 1992	W	W	38.6	33.5	W	28.0	35.3	28.2
PAD District III Average								
December 1993	W	W	-	23.6	22.8	20.3	22.8	21.5
November 1993	W	-	-	26.8	23.5	21.6	23.5	22.7
December 1992	W	W	-	29.0	29.4	26.0	29.4	26.7
PAD District IV Average								
December 1993	-	-	W	W	W	22.8	30.9	23.1
November 1993	-	-	W	W	31.6	W	28.8	22.9
December 1992	-	-	W	34.4	26.1	12.8	26.2	25.2
PAD District V Average								
December 1993	W	36.5	35.6	16.0	23.0	18.2	27.0	17.5
November 1993	W	W	W	22.1	W	28.0	27.6	26.3
December 1992	W	W	46.0	26.9	32.7	29.0	36.1	28.8

Dashes (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

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

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						
December 1993	34.8	29.4	26.6	22.3	29.9	26.1
November 1993	37.6	30.7	28.1	25.4	30.8	27.7
December 1992	41.9	36.1	35.2	30.7	37.8	33.0
PAD District I Average						
December 1993	35.7	31.1	27.9	26.2	31.6	29.8
November 1993	39.2	32.5	29.3	26.8	32.7	30.4
December 1992	41.9	39.2	37.7	35.0	39.7	37.6
Subdistrict IA Average*						
December 1993	35.1	32.4	29.0	25.0	32.4	29.4
November 1993	37.4	33.0	30.2	26.6	33.4	30.9
December 1992	40.1	36.9	36.5	W	38.6	37.2
Connecticut						
December 1993	37.1	36.9	40.7	-	38.0	36.9
November 1993	39.6	W	35.7	-	38.4	W
December 1992	36.4	W	-	W	36.4	W
Maine						
December 1993	33.0	W	28.3	29.1	29.9	30.0
November 1993	33.8	34.9	30.8	30.2	32.3	32.3
December 1992	43.8	38.6	37.5	33.2	39.3	38.5
Massachusetts						
December 1993	35.1	31.5	30.2	24.8	33.8	28.6
November 1993	39.2	32.0	30.4	W	34.5	30.1
December 1992	41.6	36.4	37.3	W	39.8	36.9
New Hampshire						
December 1993	37.1	W	26.4	W	26.9	W
November 1993	38.4	-	28.8	W	29.2	W
December 1992	40.0	43.6	32.6	W	33.0	43.6
Rhode Island						
December 1993	36.7	W	W	-	36.7	W
November 1993	38.0	W	W	-	38.1	W
December 1992	42.5	34.2	W	-	42.5	34.2
Subdistrict IB Average*						
December 1993	37.4	31.3	29.9	26.3	35.1	30.9
November 1993	41.1	32.8	30.1	26.5	35.6	30.9
December 1992	43.5	40.2	40.2	32.7	42.3	37.6
Delaware						
December 1993	29.4	W	26.7	W	29.0	27.3
November 1993	31.2	W	27.8	W	30.4	23.0
December 1992	35.1	-	37.5	-	35.4	-
Maryland						
December 1993	W	W	24.7	W	26.3	W
November 1993	32.1	W	29.0	32.3	30.0	W
December 1992	W	W	42.1	31.6	41.4	33.2
New Jersey						
December 1993	34.7	31.9	26.7	26.3	32.9	30.3
November 1993	39.7	33.6	26.9	26.9	36.4	29.1
December 1992	42.4	38.9	39.5	30.8	41.7	35.1
New York						
December 1993	39.7	31.8	34.1	31.3	38.2	31.8
November 1993	44.4	33.4	30.8	31.9	37.3	33.3
December 1992	45.2	43.0	41.1	40.0	43.6	42.5
Pennsylvania						
December 1993	38.2	30.2	26.8	26.6	32.9	29.6
November 1993	40.8	32.1	29.6	28.3	33.5	31.0
December 1992	39.2	37.0	36.3	35.0	37.9	36.6
Subdistrict IC Average*						
December 1993	30.5	W	26.8	27.2	27.5	26.9
November 1993	34.1	W	28.6	27.5	29.2	27.7
December 1992	38.0	W	36.4	38.7	36.7	38.8
Florida						
December 1993	29.9	W	25.7	W	26.7	27.6
November 1993	33.3	W	27.7	W	28.4	28.1
December 1992	36.6	-	34.9	W	35.3	W
Georgia						
December 1993	-	-	33.3	NA	33.3	NA
November 1993	-	-	34.7	27.0	34.7	27.0
December 1992	-	-	38.3	W	38.3	W

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						
December 1993	W	-	28.4	24.8	29.2	24.8
November 1993	W	-	31.3	27.3	32.0	27.3
December 1992	W	-	39.2	W	39.8	W
South Carolina						
December 1993	W	-	W	W	W	W
November 1993	W	-	W	W	W	W
December 1992	W	-	41.2	-	41.8	-
Virginia						
December 1993	30.9	W	26.3	25.7	27.7	25.8
November 1993	37.5	W	29.1	27.9	30.0	28.3
December 1992	W	W	36.6	38.3	37.4	38.9
PAD District II Average^a						
December 1993	39.6	28.5	31.6	27.3	33.7	27.5
November 1993	40.8	29.8	31.9	25.0	33.5	25.5
December 1992	38.9	38.1	35.4	28.8	37.0	30.0
Illinois						
December 1993	36.0	W	W	26.1	35.2	28.8
November 1993	35.8	W	W	27.9	36.0	28.3
December 1992	W	W	W	28.6	48.4	28.7
Indiana						
December 1993	35.3	W	25.8	W	27.6	28.9
November 1993	35.4	W	27.5	W	29.5	W
December 1992	W	W	39.8	W	37.6	W
Michigan						
December 1993	40.8	W	38.7	27.3	40.3	36.0
November 1993	42.8	W	37.6	30.1	39.6	33.1
December 1992	40.1	42.3	36.2	W	39.6	41.7
Minnesota						
December 1993	W	NA	34.8	NA	35.1	NA
November 1993	W	NA	33.8	W	34.2	W
December 1992	W	-	32.3	W	32.5	W
Ohio						
December 1993	39.9	W	NA	W	32.0	W
November 1993	38.9	W	32.0	W	32.3	W
December 1992	40.7	W	36.4	W	37.7	W
PAD District III Average^a						
December 1993	W	27.0	24.3	20.1	24.2	23.0
November 1993	W	23.7	25.2	24.2	25.1	24.8
December 1992	W	29.6	29.7	28.5	29.8	28.8
Alabama						
December 1993	-	W	NA	W	NA	NA
November 1993	-	W	NA	NA	NA	W
December 1992	-	W	33.0	-	33.0	W
Louisiana						
December 1993	W	30.5	23.7	19.6	23.7	24.2
November 1993	W	W	25.8	22.7	25.3	23.2
December 1992	W	W	28.8	30.3	29.2	30.3
Mississippi						
December 1993	-	W	27.4	W	27.4	25.6
November 1993	-	W	27.3	NA	27.3	W
December 1992	-	-	32.3	W	32.3	W
Texas						
December 1993	NA	23.6	23.9	NA	23.9	21.5
November 1993	-	27.9	23.5	25.5	23.5	26.2
December 1992	-	29.5	29.8	26.4	29.8	27.7
PAD District IV Average						
December 1993	W	32.7	30.1	22.8	30.1	23.3
November 1993	W	W	31.2	13.5	30.4	23.0
December 1992	W	34.3	26.1	12.8	28.3	25.2
PAD District V Average^a						
December 1993	33.7	NA	23.9	20.9	27.3	20.2
November 1993	37.7	29.5	25.9	27.5	28.5	28.3
December 1992	45.8	NA	33.2	29.4	36.1	28.4

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						
December 1993	W	NA	23.6	20.7	25.3	19.9
November 1993	W	29.5	23.5	27.5	24.2	28.4
December 1992	W	NA	34.2	31.6	34.2	28.8
Hawaii						
December 1993	W	NA	27.0	W	34.0	30.2
November 1993	W	-	29.9	W	36.4	W
December 1992	W	-	37.1	36.5	43.7	36.5
Oregon						
December 1993	W	-	27.0	W	27.1	W
November 1993	W	-	30.8	W	30.8	W
December 1992	W	W	34.8	34.6	34.8	34.5
Washington						
December 1993	NA	-	22.9	NA	23.0	NA
November 1993	W	-	26.9	25.5	27.6	25.5
December 1992	-	-	31.2	27.4	31.2	27.4

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

Dashes (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

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

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

Sales Volumes of Petroleum Products

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

Geographic Area Month	Major Refiners			Other Refiners			Total		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
U.S. Total									
December 1993	1 216,767	54,643	6,773,465	445,360	17,284	1,964,876	1,662,127	71,928	8,738,341
November 1993	1,153,699	56,775	6,377,990	448,129	17,139	1,805,936	1,601,828	73,913	8,183,926
December 1992	1,299,213	52,071	6,663,555	469,498	17,143	1,886,345	1,768,711	69,214	8,549,900
PAD District I Total									
December 1993	359,598	21,270	2,660,606	74,814	10,570	326,728	434,412	31,840	2,987,334
November 1993	347,190	19,707	2,489,292	70,185	9,689	297,204	417,375	29,396	2,786,496
December 1992	391,028	15,171	2,518,111	75,956	10,987	315,189	466,984	26,158	2,833,300
Subdistrict IA Total									
December 1993	18,901	W	328,391	-	W	31,535	18,901	3,017	359,926
November 1993	17,984	W	355,365	-	W	35,412	17,984	2,686	390,777
December 1992	19,460	W	329,843	-	W	12,485	19,460	3,083	342,328
Connecticut									
December 1993	W	172	W	-	-	W	W	172	98,367
November 1993	W	W	W	-	W	W	W	225	103,152
December 1992	W	W	W	-	W	W	W	633	103,115
Maine									
December 1993	-	W	W	-	-	W	-	W	38,821
November 1993	-	120	W	-	-	W	-	120	39,607
December 1992	-	W	W	-	W	W	-	148	38,925
Massachusetts									
December 1993	10,436	W	W	-	W	W	10,436	1,955	161,536
November 1993	9,955	W	W	-	W	W	9,955	1,643	193,528
December 1992	10,466	W	W	-	W	W	10,466	1,767	141,546
New Hampshire									
December 1993	2,484	W	W	-	W	W	2,484	318	11,881
November 1993	2,353	W	W	-	W	W	2,353	W	9,782
December 1992	W	101	W	-	W	W	W	W	18,135
Rhode Island									
December 1993	W	W	W	-	W	W	W	348	43,124
November 1993	W	W	W	-	W	W	W	372	39,081
December 1992	2,300	W	W	-	W	W	2,300	198	36,149
Vermont									
December 1993	-	W	W	-	W	W	-	W	6,197
November 1993	-	-	W	-	W	W	-	W	5,627
December 1992	-	W	W	-	W	W	-	W	4,458
Subdistrict IB Total									
December 1993	130,335	W	1,133,787	29,918	W	134,350	160,253	12,363	1,268,137
November 1993	124,963	W	1,032,697	28,233	W	112,240	153,196	11,737	1,144,937
December 1992	131,178	W	1,050,695	29,125	W	135,816	160,303	11,183	1,186,511
Delaware									
December 1993	W	250	W	-	-	W	W	250	26,499
November 1993	W	W	W	-	-	W	W	W	26,155
December 1992	W	W	W	-	-	W	W	W	25,497
District of Columbia									
December 1993	-	W	W	-	-	W	-	W	12,612
November 1993	-	W	W	-	-	W	-	W	12,134
December 1992	-	W	12,431	-	-	-	-	W	12,431
Maryland									
December 1993	-	1,942	144,810	W	W	16,326	W	W	161,136
November 1993	-	W	138,292	W	W	15,750	W	1,945	154,042
December 1992	-	W	W	-	W	W	-	1,070	159,963
New Jersey									
December 1993	W	W	339,792	W	W	38,070	35,140	2,503	377,862
November 1993	W	W	259,343	W	W	20,988	33,530	2,344	280,331
December 1992	W	W	272,348	W	W	34,727	33,723	2,574	307,075
New York									
December 1993	W	W	289,463	W	W	41,627	59,262	2,890	331,090
November 1993	W	W	305,439	W	W	32,867	56,630	2,694	338,306
December 1992	47,760	W	309,454	W	W	36,780	W	2,460	346,234
Pennsylvania									
December 1993	51,539	1,713	323,318	13,293	2,751	35,620	64,832	4,464	358,938
November 1993	49,276	1,517	293,874	12,735	2,679	40,095	62,011	4,196	333,969
December 1992	50,900	1,295	291,835	12,975	3,127	43,476	63,875	4,422	335,311

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									
December 1993	210,361	12,576	1,198,428	44,896	3,884	160,843	255,257	16,460	1,359,271
November 1993	204,243	11,428	1,101,230	41,952	3,545	149,552	246,195	14,973	1,250,782
December 1992	240,390	7,937	1,137,573	46,831	3,955	166,888	287,221	11,892	1,304,461
Florida									
December 1993	100,128	W	378,607	11,970	W	59,342	112,098	6,708	437,949
November 1993	97,011	W	339,618	11,324	W	53,110	108,335	6,381	392,728
December 1992	120,749	W	341,953	11,532	W	57,655	132,281	5,673	399,608
Georgia									
December 1993	43,163	W	213,973	5,614	W	37,597	48,777	2,607	251,570
November 1993	40,978	W	201,735	5,082	W	31,400	46,060	2,507	233,135
December 1992	46,094	W	211,394	5,971	W	36,995	52,065	1,905	248,389
North Carolina									
December 1993	W	2,132	232,162	W	NA	22,857	24,377	2,281	255,019
November 1993	W	W	221,438	W	W	25,128	22,637	1,876	246,566
December 1992	W	1,486	242,148	W	-	25,299	25,009	1,486	267,447
South Carolina									
December 1993	W	1,063	135,014	W	-	13,489	27,619	1,063	148,503
November 1993	W	971	107,991	W	-	14,033	27,753	971	122,024
December 1992	W	692	108,556	W	-	16,203	29,014	692	124,759
Virginia									
December 1993	W	2,124	216,572	W	466	21,929	27,381	2,590	238,501
November 1993	W	1,674	209,547	W	401	20,852	26,432	2,075	230,399
December 1992	W	W	210,389	W	W	24,742	31,925	941	235,131
West Virginia									
December 1993	W	W	22,100	W	W	5,629	15,005	1,211	27,729
November 1993	W	W	20,901	W	W	5,029	14,978	1,163	25,930
December 1992	W	W	23,133	W	W	5,994	16,927	1,195	29,127
PAD District II Total									
December 1993	451,844	19,339	1,788,560	172,274	1,489	629,127	624,118	20,828	2,417,687
November 1993	424,406	19,952	1,692,005	168,991	1,572	588,553	593,397	21,524	2,280,558
December 1992	470,587	19,816	1,713,530	183,019	1,180	650,332	653,606	20,996	2,363,862
Illinois									
December 1993	W	730	267,304	W	NA	40,566	81,367	732	307,870
November 1993	W	743	257,166	W	-	53,852	77,894	743	311,018
December 1992	W	W	256,471	W	W	65,231	81,936	1,395	321,702
Indiana									
December 1993	W	W	148,521	W	W	23,537	53,199	427	172,058
November 1993	W	W	136,320	W	W	25,670	50,542	412	161,990
December 1992	W	W	144,146	W	W	31,012	51,957	763	175,158
Iowa									
December 1993	2,562	W	65,456	7,238	-	43,394	9,800	W	108,850
November 1993	2,382	W	60,495	6,687	-	44,999	9,069	W	105,494
December 1992	2,545	173	67,330	8,732	-	45,076	11,277	173	112,406
Kansas									
December 1993	8,715	515	47,976	11,986	NA	79,114	20,701	686	127,090
November 1993	8,198	W	37,384	11,386	W	70,178	19,584	665	107,562
December 1992	8,864	W	38,308	11,120	W	88,138	19,984	534	126,446
Kentucky									
December 1993	23,396	2,455	110,347	2,047	-	8,187	25,443	2,455	118,534
November 1993	23,710	2,408	106,312	1,912	-	6,514	25,622	2,408	112,826
December 1992	24,287	1,972	108,330	3,517	-	8,772	27,804	1,972	117,102
Michigan									
December 1993	W	4,350	247,391	W	NA	43,399	88,545	4,372	290,790
November 1993	W	W	234,388	W	W	40,754	85,426	4,649	275,142
December 1992	W	W	230,943	W	W	42,963	93,314	3,974	273,906
Minnesota									
December 1993	35,325	405	78,919	10,399	NA	NA	45,724	547	135,286
November 1993	33,198	W	69,169	10,164	W	54,344	43,362	602	123,513
December 1992	34,570	W	81,067	11,397	W	53,724	45,967	639	134,791
Missouri									
December 1993	18,563	1,301	116,374	17,355	NA	46,842	35,918	1,331	163,216
November 1993	18,161	W	104,265	16,994	W	44,487	35,155	1,310	148,752
December 1992	23,645	1,128	109,111	17,705	-	53,412	41,350	1,128	162,523

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									
December 1993	W	W	30,445	W	W	35,254	5,572	186	65,699
November 1993	W	W	28,141	W	W	28,995	5,226	238	57,136
December 1992	W	W	29,545	W	W	29,176	6,664	281	58,721
North Dakota									
December 1993	389	W	15,965	-	-	13,779	389	W	29,744
November 1993	328	W	14,237	-	-	13,800	328	W	28,037
December 1992	664	W	14,965	W	-	16,020	W	W	30,985
Ohio									
December 1993	W	W	238,278	W	W	18,186	163,969	6,983	256,464
November 1993	W	W	223,616	W	W	13,406	152,464	7,382	237,022
December 1992	W	W	225,061	W	W	14,455	173,620	7,442	239,516
Oklahoma									
December 1993	16,905	1,079	97,759	7,700	383	129,037	24,605	1,462	226,796
November 1993	16,198	W	106,481	7,227	W	103,347	23,425	1,362	209,828
December 1992	17,888	W	98,694	7,713	W	95,201	25,601	1,547	193,895
South Dakota									
December 1993	W	W	16,820	W	W	15,596	741	142	32,416
November 1993	W	W	15,726	W	W	14,670	485	135	30,396
December 1992	W	W	17,271	W	W	18,066	W	W	35,337
Tennessee									
December 1993	25,091	769	199,423	16,271	159	32,637	41,362	923	232,060
November 1993	24,494	951	194,599	15,356	172	29,961	39,850	1,123	224,560
December 1992	29,317	711	186,353	15,465	199	43,692	44,782	910	230,045
Wisconsin									
December 1993	W	W	107,582	W	W	NA	26,783	355	150,815
November 1993	W	W	103,706	W	W	43,576	24,965	321	147,282
December 1992	W	W	105,935	W	W	45,394	27,955	171	151,329
PAD District III Total									
December 1993	147,578	6,581	1,060,874	90,609	NA	690,256	238,187	9,262	1,751,130
November 1993	144,293	4,057	930,415	103,103	3,371	603,932	247,396	7,428	1,534,347
December 1992	161,606	5,669	1,032,530	104,864	1,240	602,390	266,470	6,909	1,634,920
Alabama									
December 1993	9,817	W	122,827	3,345	W	32,718	13,162	1,177	155,545
November 1993	9,687	1,081	119,223	3,128	105	26,466	12,815	1,186	145,689
December 1992	11,313	W	125,565	3,364	W	34,427	14,677	1,075	159,992
Arkansas									
December 1993	W	W	65,374	W	W	68,896	10,088	165	134,270
November 1993	W	W	63,159	W	W	49,290	9,706	104	112,449
December 1992	W	W	66,523	W	W	40,657	10,971	190	107,180
Louisiana									
December 1993	19,083	2,163	182,046	3,865	14	70,406	22,948	2,177	252,452
November 1993	18,325	1,011	162,936	4,647	14	62,241	22,972	1,025	225,177
December 1992	20,754	1,125	148,011	4,946	99	52,698	25,700	1,224	200,709
Mississippi									
December 1993	W	737	122,860	W	118	30,835	4,154	855	153,695
November 1993	W	289	75,440	W	152	39,713	3,866	441	115,153
December 1992	W	335	92,858	W	179	39,118	4,248	514	131,976
New Mexico									
December 1993	2,925	W	29,677	7,126	W	22,152	10,051	216	51,829
November 1993	2,093	W	26,008	6,927	W	22,025	9,020	151	48,033
December 1992	3,165	383	31,829	6,866	82	23,208	10,031	465	55,037
Texas									
December 1993	110,996	2,251	538,090	66,788	NA	465,249	177,784	4,672	1,003,339
November 1993	109,647	W	483,649	79,370	W	404,197	189,017	4,521	887,846
December 1992	121,240	W	567,744	79,603	W	412,282	200,843	3,441	980,026
PAD District IV Total									
December 1993	38,961	805	122,252	28,042	641	78,934	67,003	1,446	201,186
November 1993	36,302	730	122,005	29,268	574	81,354	65,570	1,304	203,359
December 1992	41,015	873	136,437	29,455	762	99,668	70,470	1,635	236,105

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									
December 1993	26,800	W	44,469	25,264	W	30,799	52,064	281	75,268
November 1993	24,654	W	45,657	26,626	W	33,120	51,280	243	78,777
December 1992	28,317	W	47,607	26,642	W	38,504	54,959	W	86,111
Idaho									
December 1993	-	W	17,473	W	W	12,299	W	122	29,772
November 1993	-	W	18,084	W	-	12,834	W	W	30,918
December 1992	-	W	23,496	W	-	13,640	W	W	37,136
Montana									
December 1993	-	W	19,248	W	W	10,091	W	250	29,339
November 1993	-	W	19,955	W	W	10,452	W	187	30,407
December 1992	-	W	20,647	W	W	15,075	W	304	35,722
Utah									
December 1993	W	W	34,070	W	W	16,382	12,498	659	50,452
November 1993	W	W	31,848	W	W	16,081	11,958	670	47,929
December 1992	W	W	36,094	W	W	20,824	12,990	688	56,918
Wyoming									
December 1993	W	W	6,992	W	W	9,363	1,909	134	16,355
November 1993	W	57	6,461	W	W	8,867	1,802	W	15,328
December 1992	W	W	8,593	W	W	11,625	1,811	165	20,218
PAD District V Total									
December 1993	216,786	6,648	1,141,173	79,621	1,904	239,831	298,407	8,552	1,381,004
November 1993	201,508	12,329	1,144,273	76,582	1,933	234,893	278,090	14,262	1,379,166
December 1992	234,977	10,542	1,262,947	76,204	2,974	218,766	311,181	13,516	1,481,713
Alaska									
December 1993	W	W	W	W	W	W	6,275	W	9,477
November 1993	W	W	W	W	W	W	6,093	W	8,986
December 1992	W	W	W	W	W	W	5,862	1,009	9,904
Arizona									
December 1993	32,474	W	70,471	2,177	W	17,380	34,651	666	87,851
November 1993	W	W	70,249	W	W	10,725	30,214	723	80,974
December 1992	W	681	79,600	W	313	11,706	38,030	994	91,306
California									
December 1993	138,128	W	828,822	60,816	W	172,124	198,944	3,478	1,000,946
November 1993	130,249	W	800,648	58,582	W	179,034	188,831	9,273	979,682
December 1992	143,450	7,015	889,272	55,612	486	160,837	199,062	7,501	1,050,109
Hawaii									
December 1993	W	W	W	W	W	W	5,362	W	22,565
November 1993	W	W	W	W	W	W	5,193	W	21,242
December 1992	W	W	W	W	W	W	6,004	W	22,386
Nevada									
December 1993	W	W	47,408	W	W	10,560	4,893	369	57,968
November 1993	W	W	47,989	W	W	12,020	3,682	508	60,009
December 1992	W	W	43,461	W	W	11,231	4,654	450	54,692
Oregon									
December 1993	W	W	58,271	W	W	20,078	11,822	384	78,349
November 1993	W	W	72,063	W	W	13,576	11,088	330	85,639
December 1992	W	185	84,327	W	W	12,738	13,537	W	97,065
Washington									
December 1993	W	337	109,761	W	-	14,087	36,460	337	123,848
November 1993	W	325	128,138	W	-	14,496	32,989	325	142,634
December 1992	W	361	139,319	W	-	16,932	44,032	361	156,251

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								
December 1993	-	-	1,123,145	6,031,307	272,167	893,950	338,743	1,813,083
November 1993	-	-	1,092,370	5,659,986	266,293	856,784	317,078	1,667,156
December 1992	18,764	96,225	1,194,435	5,875,708	289,623	888,833	335,103	1,689,134
PAD District I Total								
December 1993	-	-	270,006	1,801,898	86,684	398,061	109,561	787,375
November 1993	-	-	262,106	1,680,750	82,669	383,955	101,996	721,791
December 1992	W	W	293,777	1,633,645	W	W	108,491	786,871
Subdistrict IA Total								
December 1993	-	-	11,911	221,528	4,300	48,681	5,707	89,717
November 1993	-	-	11,294	251,728	4,104	48,743	5,272	90,306
December 1992	-	-	12,871	201,809	4,300	47,011	5,372	93,508
Connecticut								
December 1993	-	-	2,164	57,451	718	15,843	W	25,073
November 1993	-	-	2,077	59,178	717	18,344	W	25,630
December 1992	-	-	2,541	53,891	908	15,498	W	33,726
Maine								
December 1993	-	-	W	27,216	W	4,591	W	7,014
November 1993	-	-	94	27,378	W	5,004	W	7,225
December 1992	-	-	W	27,473	W	4,503	W	6,949
Massachusetts								
December 1993	-	-	6,596	97,217	2,485	20,466	3,310	43,853
November 1993	-	-	6,174	129,177	2,367	18,516	3,057	45,835
December 1992	-	-	7,046	84,116	2,353	19,201	2,834	38,229
New Hampshire								
December 1993	-	-	1,587	7,114	569	2,135	646	2,632
November 1993	-	-	W	5,750	511	1,897	590	2,135
December 1992	-	-	1,699	11,738	W	W	672	W
Rhode Island								
December 1993	-	-	1,368	28,670	W	4,776	597	9,678
November 1993	-	-	1,371	26,637	W	4,170	540	8,274
December 1992	-	-	1,377	21,746	521	4,345	600	10,058
Vermont								
December 1993	-	-	W	3,860	-	870	-	1,467
November 1993	-	-	W	3,608	-	812	-	1,207
December 1992	-	-	W	2,845	-	W	-	W
Subdistrict IB Total								
December 1993	-	-	104,119	757,817	28,504	147,593	39,994	362,727
November 1993	-	-	101,131	679,005	26,859	142,137	36,943	323,795
December 1992	W	W	107,122	659,601	W	W	36,018	375,823
Delaware								
December 1993	-	-	W	15,836	241	5,348	W	5,315
November 1993	-	-	W	16,252	240	5,006	W	4,897
December 1992	-	-	669	14,728	256	5,323	W	5,446
District of Columbia								
December 1993	-	-	W	3,857	W	2,579	W	6,176
November 1993	-	-	W	3,769	W	2,487	W	5,878
December 1992	-	-	W	4,060	W	2,659	W	5,712
Maryland								
December 1993	-	-	1,406	84,872	W	31,380	370	44,884
November 1993	-	-	1,449	80,420	W	30,771	329	42,851
December 1992	-	-	800	79,459	115	33,422	155	47,082
New Jersey								
December 1993	-	-	20,710	229,103	5,899	32,123	11,034	116,636
November 1993	-	-	19,963	151,785	5,463	30,473	10,448	98,073
December 1992	-	-	20,261	170,050	6,280	32,636	9,756	104,389
New York								
December 1993	-	-	40,180	192,177	8,648	34,296	13,324	104,617
November 1993	-	-	38,877	209,881	8,142	33,817	12,305	94,608
December 1992	W	W	42,432	185,048	8,907	W	12,854	127,051
Pennsylvania								
December 1993	-	-	41,035	231,972	13,312	41,867	14,949	85,099
November 1993	-	-	40,057	216,898	12,589	39,583	13,561	77,488
December 1992	W	-	W	206,256	12,689	42,912	12,927	86,143
Subdistrict IC Total								
December 1993	-	-	153,976	822,553	53,881	201,787	63,860	334,931
November 1993	-	-	149,681	750,017	51,706	193,075	59,781	307,690
December 1992	W	-	173,784	772,235	W	214,686	67,101	317,540

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								
December 1993	-	-	61,808	246,700	23,681	70,526	33,318	120,723
November 1993	-	-	60,495	216,560	22,938	64,912	31,283	111,256
December 1992	-	-	73,655	217,276	27,471	70,269	36,828	112,063
Georgia								
December 1993	-	-	29,979	156,557	10,363	35,608	11,042	59,404
November 1993	-	-	28,297	145,226	9,805	33,772	10,465	54,137
December 1992	-	-	32,214	154,328	10,406	38,625	11,350	55,436
North Carolina								
December 1993	-	-	16,603	161,320	5,178	36,951	4,877	56,749
November 1993	-	-	15,462	158,231	4,797	34,720	4,254	53,615
December 1992	-	-	17,472	168,212	4,853	40,317	4,170	58,918
South Carolina								
December 1993	-	-	18,228	100,076	5,341	17,515	5,113	30,911
November 1993	-	-	18,439	80,476	5,309	17,066	4,976	24,482
December 1992	-	-	19,668	82,213	5,361	18,972	4,677	23,574
Virginia								
December 1993	-	-	16,692	139,325	6,192	37,384	7,087	61,793
November 1993	-	-	16,314	132,452	5,817	38,558	6,376	59,389
December 1992	-	-	19,004	131,427	6,657	41,836	7,205	61,868
West Virginia								
December 1993	-	-	10,666	18,576	3,126	3,802	2,424	5,351
November 1993	-	-	10,674	17,072	3,040	4,047	2,427	4,811
December 1992	W	-	11,771	18,779	W	4,667	2,871	5,681
PAD District II Total								
December 1993	-	-	435,993	1,843,454	101,387	192,983	107,566	381,251
November 1993	-	-	419,420	1,747,885	95,257	188,676	100,244	343,997
December 1992	W	W	464,598	1,826,811	W	W	102,977	340,471
Illinois								
December 1993	-	-	52,688	212,940	13,762	33,833	15,649	61,097
November 1993	-	-	50,477	225,189	12,702	30,179	15,458	55,650
December 1992	-	W	55,253	232,565	13,824	W	14,254	55,326
Indiana								
December 1993	-	-	34,857	123,374	8,632	18,649	10,137	30,035
November 1993	-	-	33,863	116,392	7,872	18,773	9,219	26,825
December 1992	W	W	36,132	127,439	W	W	8,430	25,596
Iowa								
December 1993	-	-	8,581	99,670	W	1,018	973	8,162
November 1993	-	-	8,009	97,326	W	816	824	7,352
December 1992	W	-	9,158	102,623	1,130	1,110	W	8,673
Kansas								
December 1993	-	-	16,915	115,429	1,713	1,728	2,759	9,932
November 1993	-	-	16,277	96,162	1,578	1,667	2,394	9,733
December 1992	W	W	15,727	113,435	W	W	2,970	10,365
Kentucky								
December 1993	-	-	17,604	75,256	4,829	18,287	5,465	24,991
November 1993	-	-	17,960	69,836	4,841	20,543	5,229	22,447
December 1992	W	W	19,237	77,156	W	W	5,560	22,148
Michigan								
December 1993	-	-	65,908	210,258	12,300	28,992	14,709	51,541
November 1993	-	-	64,777	203,011	11,491	26,330	13,807	45,801
December 1992	W	828	71,854	202,556	W	26,349	12,794	44,173
Minnesota								
December 1993	-	-	35,274	115,092	6,013	6,906	4,984	13,288
November 1993	-	-	33,923	105,783	5,418	5,554	4,623	12,176
December 1992	W	-	34,932	115,725	6,123	5,867	W	13,199
Missouri								
December 1993	-	-	26,105	126,155	5,231	9,318	5,913	27,742
November 1993	-	-	25,854	115,063	5,066	8,565	5,545	25,124
December 1992	W	-	28,963	126,527	W	10,064	7,063	25,932
Nebraska								
December 1993	-	-	4,917	61,716	296	W	545	W
November 1993	-	-	4,712	53,847	264	W	488	W
December 1992	W	W	4,738	55,489	NA	W	W	2,995
North Dakota								
December 1993	-	-	351	26,932	W	W	W	W
November 1993	-	-	306	25,485	W	W	W	W
December 1992	W	W	571	27,875	51	W	86	1,606

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								
December 1993	-	-	110,100	185,286	32,644	26,551	28,208	44,627
November 1993	-	-	102,769	169,540	30,445	29,008	26,632	38,474
December 1992	W	W	120,914	180,089	33,331	W	W	36,431
Oklahoma								
December 1993	-	-	17,575	200,567	3,871	2,156	4,621	24,073
November 1993	-	-	17,259	185,242	3,644	1,795	3,884	22,791
December 1992	W	779	18,275	167,926	W	3,241	4,785	21,949
South Dakota								
December 1993	-	-	820	29,984	W	W	W	W
November 1993	-	-	567	28,152	W	W	W	W
December 1992	-	W	709	32,428	W	W	W	2,080
Tennessee								
December 1993	-	-	24,046	140,775	8,464	35,983	9,780	55,303
November 1993	-	-	23,538	138,089	8,661	35,336	8,774	51,135
December 1992	-	-	26,932	143,128	9,441	37,644	9,319	49,273
Wisconsin								
December 1993	-	-	20,251	120,020	3,148	8,201	3,739	22,594
November 1993	-	-	19,129	118,768	2,866	8,833	3,291	19,681
December 1992	-	-	21,203	121,850	3,111	8,754	3,812	20,725
PAD District III Total								
December 1993	-	-	146,589	1,267,595	47,230	153,690	53,630	329,844
November 1993	-	-	152,948	1,102,799	48,855	141,302	53,021	290,246
December 1992	1,355	11,030	163,356	1,223,240	52,233	154,187	56,435	246,463
Alabama								
December 1993	-	-	8,239	101,595	2,767	20,504	3,333	33,446
November 1993	-	-	8,077	93,927	2,899	19,257	3,025	32,505
December 1992	-	-	9,510	106,077	3,236	22,265	3,006	31,650
Arkansas								
December 1993	-	-	6,971	101,004	1,902	10,520	1,380	22,746
November 1993	-	-	6,746	82,116	1,780	10,048	1,284	20,285
December 1992	-	W	7,590	77,383	2,105	W	1,466	19,308
Louisiana								
December 1993	-	-	13,865	175,177	5,171	21,162	6,089	56,113
November 1993	-	-	13,089	163,595	5,089	19,421	5,819	42,161
December 1992	-	-	14,567	141,034	5,687	23,632	6,670	36,043
Mississippi								
December 1993	-	-	3,117	91,969	919	17,335	973	44,391
November 1993	-	-	2,699	72,405	802	13,033	806	29,715
December 1992	-	-	3,114	97,775	845	13,970	803	20,231
New Mexico								
December 1993	-	-	8,661	44,678	455	1,623	1,151	5,528
November 1993	-	-	7,684	41,246	419	2,211	1,068	4,576
December 1992	W	7,942	7,768	40,655	W	1,051	1,153	5,389
Texas								
December 1993	-	-	105,736	753,172	36,017	82,547	40,704	167,620
November 1993	-	-	114,653	649,510	37,866	77,332	41,019	161,004
December 1992	W	W	120,807	760,316	W	W	43,337	133,842
PAD District IV Total								
December 1993	-	-	44,586	156,704	12,453	11,646	11,410	32,836
November 1993	-	-	44,059	156,259	12,079	10,986	10,736	36,114
December 1992	2,259	25,381	47,812	167,448	10,172	8,062	11,862	35,214
Colorado								
December 1993	-	-	34,878	57,005	9,980	7,825	7,487	10,438
November 1993	-	-	34,789	56,405	9,690	7,599	7,044	14,773
December 1992	W	3,663	37,846	63,133	8,080	6,465	7,959	12,850
Idaho								
December 1993	-	-	297	24,751	-	W	W	W
November 1993	-	-	301	26,290	W	W	W	W
December 1992	70	7,321	322	25,871	-	-	W	3,944
Montana								
December 1993	-	-	468	24,569	-	-	W	4,770
November 1993	-	-	407	25,752	-	-	W	4,655
December 1992	W	6,342	553	24,333	-	-	81	5,047

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								
December 1993	-	-	7,377	36,654	W	3,283	W	10,515
November 1993	-	-	7,108	34,826	2,282	3,008	3,238	10,095
December 1992	W	W	7,727	39,318	W	W	3,420	10,553
Wyoming								
December 1993	-	-	1,566	13,725	W	W	W	W
November 1993	-	-	1,454	12,986	W	W	356	W
December 1992	226	W	1,364	14,793	W	W	W	2,820
PAD District V Total								
December 1993	-	-	225,971	961,657	24,412	137,570	56,576	281,777
November 1993	-	-	213,837	972,293	27,433	131,865	51,082	275,008
December 1992	14,784	54,457	224,892	1,024,564	29,683	122,577	55,338	280,115
Alaska								
December 1993	-	-	5,837	8,330	-	-	W	1,147
November 1993	-	-	5,743	7,862	-	-	W	1,124
December 1992	378	423	5,705	8,604	-	-	788	877
Arizona								
December 1993	-	-	29,016	72,388	158	W	6,143	W
November 1993	-	-	24,898	66,163	135	1,597	5,904	13,214
December 1992	4,797	13,813	28,236	64,498	152	W	5,839	W
California								
December 1993	-	-	140,752	667,484	22,996	125,250	38,674	208,212
November 1993	-	-	137,482	655,934	26,166	123,223	34,456	200,525
December 1992	W	-	141,556	724,016	W	115,347	37,376	210,746
Hawaii								
December 1993	-	-	4,929	12,110	W	2,716	2,190	7,739
November 1993	-	-	4,721	11,568	W	2,531	2,055	7,143
December 1992	-	-	5,462	12,136	W	2,359	2,368	7,891
Nevada								
December 1993	-	-	4,387	41,806	177	4,568	698	11,594
November 1993	-	-	3,505	43,794	142	4,294	543	11,921
December 1992	-	88	3,735	40,294	733	4,337	636	9,973
Oregon								
December 1993	-	-	10,336	65,063	W	W	W	W
November 1993	-	-	9,663	72,725	W	-	W	12,914
December 1992	2,138	15,864	9,762	69,210	W	-	1,858	11,991
Washington								
December 1993	-	-	30,714	94,476	W	2,221	W	27,151
November 1993	-	-	27,825	114,247	W	220	W	28,167
December 1992	W	24,269	30,436	105,806	W	W	6,473	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						
December 1993	5,574	15,246	1,358,655	295,388	156,726	1,070,522
November 1993	6,028	15,631	1,301,488	300,161	172,731	968,366
December 1992	5,286	13,622	1,207,065	252,724	183,533	1,176,429
PAD District I Total						
December 1993	2,288	3,320	389,792	37,315	25,363	181,685
November 1993	2,549	3,628	384,028	46,945	25,921	128,996
December 1992	2,341	3,177	349,534	39,032	W	186,726
Subdistrict IA Total						
December 1993	W	W	31,198	2,525	W	8,899
November 1993	W	W	31,574	2,246	W	6,226
December 1992	W	W	32,863	3,041	W	9,510
Connecticut						
December 1993	W	W	6,869	197	W	1,384
November 1993	W	36	7,249	W	W	1,176
December 1992	W	W	7,636	W	W	3,142
Maine						
December 1993	W	-	W	W	W	448
November 1993	W	-	W	W	W	320
December 1992	W	-	W	W	W	W
Massachusetts						
December 1993	W	W	19,760	2,046	W	615
November 1993	W	W	19,904	1,454	W	478
December 1992	W	W	20,000	2,775	W	3,319
New Hampshire						
December 1993	W	W	734	W	W	W
November 1993	W	W	690	280	W	W
December 1992	W	W	910	W	W	1,458
Rhode Island						
December 1993	W	W	1,514	W	-	W
November 1993	W	W	1,383	W	-	W
December 1992	W	W	1,764	W	-	W
Vermont						
December 1993	W	W	W	W	W	1,456
November 1993	W	W	W	W	W	1,027
December 1992	W	W	W	W	W	878
Subdistrict IB Total						
December 1993	W	W	166,566	20,923	W	49,703
November 1993	W	W	186,838	30,443	W	41,371
December 1992	W	W	175,155	25,111	W	56,874
Delaware						
December 1993	W	W	56	W	-	W
November 1993	W	-	W	W	-	W
December 1992	W	-	66	154	-	W
District of Columbia						
December 1993	-	-	-	-	-	-
November 1993	-	-	W	-	-	-
December 1992	-	-	-	-	-	-
Maryland						
December 1993	W	W	8,703	W	W	W
November 1993	W	W	7,894	W	W	W
December 1992	W	W	6,850	151	W	W
New Jersey						
December 1993	W	314	119,902	11,267	372	9,849
November 1993	W	W	138,464	21,842	2,228	6,624
December 1992	W	W	127,955	15,171	522	9,825
New York						
December 1993	W	153	10,417	2,765	W	9,286
November 1993	W	234	10,050	2,387	W	7,723
December 1992	W	101	10,036	3,013	W	12,604
Pennsylvania						
December 1993	W	184	27,488	6,535	W	20,371
November 1993	W	308	29,593	5,579	W	20,256
December 1992	W	W	30,248	6,622	W	23,798
Subdistrict IC Total						
December 1993	1,614	2,231	192,028	13,868	19,153	123,083
November 1993	1,602	2,060	165,616	14,256	16,372	81,399
December 1992	1,536	2,532	141,516	10,880	W	120,342

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						
December 1993	1,075	1,163	103,376	7,614	W	25,824
November 1993	951	1,062	79,350	7,648	5,174	19,851
December 1992	952	1,601	68,293	6,054	W	20,850
Georgia						
December 1993	129	373	42,024	2,412	W	27,284
November 1993	188	337	41,722	2,354	3,430	17,745
December 1992	126	326	31,838	1,776	W	28,593
North Carolina						
December 1993	98	W	10,392	604	6,166	33,127
November 1993	W	W	9,573	938	5,369	20,497
December 1992	139	W	7,074	783	W	33,281
South Carolina						
December 1993	W	W	2,186	342	2,145	25,382
November 1993	142	211	W	W	W	16,677
December 1992	W	176	1,992	W	W	24,697
Virginia						
December 1993	134	186	33,582	NA	1,574	W
November 1993	W	71	32,277	2,941	1,430	W
December 1992	W	W	31,891	1,864	1,906	9,392
West Virginia						
December 1993	W	W	468	W	W	W
November 1993	W	W	W	W	W	W
December 1992	W	W	428	W	W	3,529
PAD District II Total						
December 1993	1,250	3,965	251,531	38,876	60,679	377,262
November 1993	1,408	3,905	246,693	32,761	66,595	376,182
December 1992	1,158	3,555	251,010	27,462	89,506	462,542
Illinois						
December 1993	W	W	42,212	6,466	8,453	39,150
November 1993	W	W	36,732	2,642	8,608	40,388
December 1992	W	W	31,418	4,433	12,517	45,652
Indiana						
December 1993	67	403	48,940	12,044	5,311	19,098
November 1993	126	605	47,398	4,922	7,204	22,157
December 1992	38	660	47,462	2,095	10,238	29,857
Iowa						
December 1993	NA	321	1,494	570	W	19,333
November 1993	W	238	1,411	562	W	29,675
December 1992	W	202	1,236	1,009	W	23,294
Kansas						
December 1993	W	271	4,218	W	W	104,767
November 1993	W	272	4,504	1,160	W	94,723
December 1992	W	243	9,024	399	W	128,758
Kentucky						
December 1993	59	W	18,480	1,321	W	17,849
November 1993	W	102	15,382	2,476	W	14,330
December 1992	W	W	18,890	3,850	W	16,054
Michigan						
December 1993	W	W	27,903	2,346	16,741	10,387
November 1993	W	W	31,894	1,868	14,646	16,048
December 1992	W	W	25,909	1,215	21,308	17,924
Minnesota						
December 1993	W	NA	NA	911	W	26,646
November 1993	W	318	24,385	1,446	W	34,567
December 1992	W	331	24,688	2,706	W	31,654
Missouri						
December 1993	W	322	9,853	1,918	W	37,194
November 1993	W	304	10,898	1,931	W	28,120
December 1992	W	W	11,036	2,026	1,512	38,759
Nebraska						
December 1993	W	W	1,622	622	W	8,875
November 1993	W	W	1,499	474	W	12,074
December 1992	W	126	2,192	503	W	14,114
North Dakota						
December 1993	W	W	564	180	W	10,464
November 1993	W	W	498	W	W	9,882
December 1992	W	W	654	W	W	12,516

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						
December 1993	W	273	25,864	3,890	4,897	23,238
November 1993	W	225	25,407	5,705	5,028	18,481
December 1992	W	254	28,027	2,701	9,132	29,524
Oklahoma						
December 1993	W	296	22,944	6,178	451	23,998
November 1993	W	337	24,465	7,566	808	19,277
December 1992	W	230	30,502	4,016	352	26,524
South Dakota						
December 1993	W	W	465	W	W	5,910
November 1993	W	W	392	W	W	7,776
December 1992	W	140	550	W	W	9,562
Tennessee						
December 1993	175	276	20,114	777	W	5,778
November 1993	171	233	17,616	812	W	6,349
December 1992	131	293	14,641	1,229	W	8,952
Wisconsin						
December 1993	-	NA	4,893	939	5,916	24,575
November 1993	-	350	4,212	786	4,997	22,335
December 1992	W	253	4,781	871	7,643	29,398
PAD District III Total						
December 1993	645	3,641	289,134	141,601	50,107	411,900
November 1993	683	3,318	266,406	148,913	59,979	374,688
December 1992	494	2,634	221,830	109,528	44,119	427,055
Alabama						
December 1993	78	277	2,809	688	2,656	23,990
November 1993	W	272	3,166	610	2,943	15,849
December 1992	125	194	3,827	590	2,886	25,161
Arkansas						
December 1993	W	W	400	1,610	W	12,202
November 1993	W	W	355	670	W	9,783
December 1992	W	W	430	737	W	15,778
Louisiana						
December 1993	W	120	77,256	35,225	9,384	30,073
November 1993	W	147	68,800	23,394	6,083	28,520
December 1992	W	99	46,918	13,490	10,032	24,847
Mississippi						
December 1993	W	90	22,110	11,131	W	44,615
November 1993	W	103	17,783	9,811	W	28,004
December 1992	W	84	9,122	6,516	W	38,060
New Mexico						
December 1993	W	W	8,705	899	W	21,521
November 1993	W	W	9,238	697	6,506	22,235
December 1992	W	W	3,951	651	8,658	21,137
Texas						
December 1993	268	2,748	177,854	92,049	21,519	279,499
November 1993	288	2,459	167,064	113,931	39,199	270,297
December 1992	172	1,830	157,582	87,544	16,097	302,072
PAD District IV Total						
December 1993	278	750	44,607	4,175	4,482	35,591
November 1993	197	750	38,024	3,924	4,480	31,687
December 1992	216	683	37,026	4,153	W	37,139
Colorado						
December 1993	W	348	28,900	2,521	81	14,163
November 1993	W	351	24,966	2,787	108	13,191
December 1992	W	372	21,341	2,526	73	14,852
Idaho						
December 1993	W	W	1,413	184	W	106
November 1993	-	W	1,244	235	W	W
December 1992	W	W	1,112	185	W	W
Montana						
December 1993	W	W	1,956	W	W	6,392
November 1993	W	W	1,636	W	W	6,013
December 1992	W	W	2,086	W	W	7,260

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						
December 1993	73	248	12,136	1,101	W	4,243
November 1993	W	232	10,051	596	1,875	W
December 1992	W	181	12,232	1,049	W	W
Wyoming						
December 1993	13	W	202	W	603	10,687
November 1993	W	W	107	W	631	9,451
December 1992	24	W	255	W	1,195	10,946
PAD District V Total						
December 1993	1,113	3,570	383,592	73,421	16,095	64,085
November 1993	1,191	4,030	366,337	67,618	15,756	56,813
December 1992	1,077	3,573	347,665	72,549	14,479	62,967
Alaska						
December 1993	W	249	45,993	3,196	W	W
November 1993	W	W	43,811	W	W	W
December 1992	W	W	36,040	W	W	W
Arizona						
December 1993	W	257	16,489	2,223	W	1,646
November 1993	W	343	14,716	3,101	W	749
December 1992	W	239	15,993	1,982	W	2,330
California						
December 1993	472	2,006	232,720	56,515	W	45,539
November 1993	617	2,386	222,434	51,925	W	40,126
December 1992	517	2,176	202,409	54,519	W	42,544
Hawaii						
December 1993	W	W	23,600	W	W	W
November 1993	W	W	22,070	W	W	W
December 1992	W	W	26,719	W	W	W
Nevada						
December 1993	W	W	14,304	2,371	W	1,617
November 1993	W	W	14,889	1,796	W	1,381
December 1992	W	W	9,809	3,094	W	2,344
Oregon						
December 1993	W	361	11,838	W	W	370
November 1993	W	266	9,642	2,225	W	557
December 1992	W	281	12,407	1,740	W	298
Washington						
December 1993	35	W	38,648	3,482	W	12,366
November 1993	63	305	38,775	2,743	W	11,843
December 1992	W	W	42,288	9,221	W	13,363

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						
December 1993	11,935	154,892	18,283	136,281	759,332	3,831,072
November 1993	6,837	97,286	13,045	117,469	712,255	3,117,665
December 1992	8,434	131,673	26,492	185,063	754,402	3,546,579
PAD District I Total						
December 1993	7,780	88,948	1,011	10,180	253,196	1,365,707
November 1993	4,192	53,600	360	6,679	223,741	979,543
December 1992	5,576	80,775	3,065	15,960	246,527	1,347,225
Subdistrict IA Total						
December 1993	239	8,222	260	2,897	19,513	234,278
November 1993	190	5,860	W	1,524	14,815	149,751
December 1992	W	5,948	643	3,535	16,352	213,366
Connecticut						
December 1993	55	W	63	W	3,006	59,621
November 1993	W	W	W	119	3,321	37,889
December 1992	W	2,128	103	237	2,424	70,245
Maine						
December 1993	W	3,361	W	1,860	726	37,713
November 1993	W	3,205	W	1,121	730	19,848
December 1992	W	1,988	W	1,801	982	20,562
Massachusetts						
December 1993	W	2,358	W	W	12,882	84,946
November 1993	W	1,120	-	W	8,809	64,224
December 1992	W	1,373	W	W	10,427	77,437
New Hampshire						
December 1993	W	W	W	W	1,314	W
November 1993	W	W	W	W	693	W
December 1992	W	W	W	W	632	6,840
Rhode Island						
December 1993	W	W	W	W	1,269	43,430
November 1993	W	W	W	W	1,003	22,292
December 1992	-	W	274	W	1,175	34,749
Vermont						
December 1993	W	W	-	W	316	W
November 1993	-	W	-	W	259	W
December 1992	-	W	W	W	712	3,533
Subdistrict IB Total						
December 1993	5,719	34,409	571	5,090	102,424	715,602
November 1993	2,888	20,729	180	2,471	83,346	518,114
December 1992	2,966	30,430	1,531	7,466	91,801	774,964
Delaware						
December 1993	W	W	W	-	W	W
November 1993	W	W	-	-	W	16,848
December 1992	-	W	W	W	1,137	W
District of Columbia						
December 1993	-	W	-	-	W	W
November 1993	-	-	-	-	W	1,501
December 1992	-	W	-	-	475	W
Maryland						
December 1993	W	4,493	64	W	11,825	44,603
November 1993	W	W	15	W	12,237	30,565
December 1992	W	3,738	295	194	10,598	41,173
New Jersey						
December 1993	1,750	6,046	W	W	20,105	265,076
November 1993	590	2,776	-	W	16,409	189,729
December 1992	W	4,976	289	1,795	17,831	353,325
New York						
December 1993	2,110	10,056	W	W	26,648	185,826
November 1993	1,771	5,818	W	W	21,031	134,175
December 1992	1,972	8,787	183	2,484	28,545	175,540
Pennsylvania						
December 1993	822	13,803	290	2,856	40,710	199,544
November 1993	486	9,631	124	1,179	31,728	145,296
December 1992	638	12,917	738	2,868	33,215	176,113
Subdistrict IC Total						
December 1993	1,822	46,317	180	2,194	131,259	415,827
November 1993	1,114	27,011	W	2,684	125,580	311,678
December 1992	W	44,397	891	4,959	138,374	358,895

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						
December 1993	395	3,656	-	W	42,127	97,594
November 1993	349	2,113	-	W	37,755	82,827
December 1992	W	2,925	W	W	48,485	90,267
Georgia						
December 1993	288	2,593	W	99	25,150	79,181
November 1993	146	1,724	-	72	28,467	63,155
December 1992	294	3,139	12	174	27,129	52,868
North Carolina						
December 1993	286	20,522	W	NA	22,432	85,835
November 1993	130	12,613	W	221	20,126	57,764
December 1992	306	18,324	169	1,088	21,692	82,433
South Carolina						
December 1993	281	8,838	-	315	10,773	40,185
November 1993	168	4,929	-	W	10,801	27,707
December 1992	315	8,968	W	W	12,440	31,160
Virginia						
December 1993	261	9,494	46	939	18,902	100,118
November 1993	204	4,975	W	1,523	17,249	66,943
December 1992	266	9,570	260	3,102	17,337	87,145
West Virginia						
December 1993	311	1,214	95	W	11,875	12,915
November 1993	117	657	W	264	11,182	13,282
December 1992	266	1,471	162	325	11,291	15,022
PAD District II Total						
December 1993	3,355	40,334	10,225	86,322	256,121	893,978
November 1993	2,071	26,796	5,904	71,859	252,727	888,688
December 1992	2,362	28,033	13,321	115,931	252,850	851,913
Illinois						
December 1993	273	1,653	W	7,386	18,010	104,121
November 1993	172	1,364	W	5,725	19,391	106,596
December 1992	207	1,494	W	9,442	18,451	104,345
Indiana						
December 1993	263	4,100	577	4,225	35,927	83,770
November 1993	173	2,297	201	2,982	31,195	108,429
December 1992	207	3,098	1,116	6,499	34,954	93,168
Iowa						
December 1993	W	W	W	8,263	7,971	42,101
November 1993	W	W	W	7,622	7,530	55,030
December 1992	-	175	479	11,945	8,877	38,287
Kansas						
December 1993	W	350	244	8,288	19,494	47,907
November 1993	-	349	82	7,046	18,385	54,840
December 1992	-	325	502	9,230	13,292	46,413
Kentucky						
December 1993	583	4,184	270	612	23,226	43,456
November 1993	330	2,570	176	820	24,061	43,631
December 1992	366	3,822	610	1,944	24,832	47,928
Michigan						
December 1993	282	4,790	1,146	6,894	16,101	68,865
November 1993	166	3,385	935	5,463	17,383	70,205
December 1992	201	3,318	1,058	8,338	15,520	70,361
Minnesota						
December 1993	W	3,944	NA	11,236	9,188	55,336
November 1993	W	2,908	1,041	9,668	9,867	49,538
December 1992	W	464	1,976	14,888	10,304	51,807
Missouri						
December 1993	W	834	W	2,819	11,751	49,740
November 1993	W	587	W	1,528	10,664	48,905
December 1992	W	558	W	2,986	13,354	45,522
Nebraska						
December 1993	-	122	W	6,263	1,037	27,521
November 1993	-	210	W	6,718	1,508	24,988
December 1992	-	78	W	7,773	W	22,818
North Dakota						
December 1993	W	W	247	4,668	W	19,862
November 1993	W	W	W	5,049	5,223	16,108
December 1992	W	W	344	5,257	W	16,218

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						
December 1993	1,150	10,042	316	1,795	58,239	100,312
November 1993	891	6,618	W	1,200	55,402	80,044
December 1992	1,156	9,158	513	2,968	56,208	96,394
Oklahoma						
December 1993	W	16	84	2,675	19,365	90,990
November 1993	-	W	W	1,727	17,380	85,614
December 1992	W	160	128	11,718	12,582	73,224
South Dakota						
December 1993	W	W	W	6,026	W	18,341
November 1993	-	W	W	6,227	219	17,856
December 1992	-	W	54	7,160	244	16,773
Tennessee						
December 1993	458	6,790	-	NA	23,905	69,405
November 1993	232	3,803	-	979	27,023	64,597
December 1992	194	5,235	647	1,521	23,320	62,139
Wisconsin						
December 1993	W	423	570	14,060	7,535	72,254
November 1993	W	364	219	9,105	7,496	62,307
December 1992	W	88	779	14,262	6,628	66,516
PAD District III Total						
December 1993	W	18,494	869	4,438	128,351	1,011,252
November 1993	136	15,558	809	8,714	115,676	781,179
December 1992	W	19,206	1,204	4,384	123,642	819,157
Alabama						
December 1993	63	1,551	-	NA	16,538	52,728
November 1993	32	1,119	-	29	15,572	42,325
December 1992	58	1,444	30	W	14,008	38,315
Arkansas						
December 1993	-	178	-	W	11,951	47,354
November 1993	W	199	-	W	12,804	42,191
December 1992	-	208	W	W	9,752	30,638
Louisiana						
December 1993	W	8,174	-	W	17,735	219,032
November 1993	W	7,081	-	W	14,508	163,786
December 1992	W	W	W	W	17,870	166,614
Mississippi						
December 1993	W	W	-	-	7,320	91,832
November 1993	W	W	-	-	6,524	71,144
December 1992	-	W	68	W	8,384	99,297
New Mexico						
December 1993	-	W	W	1,193	4,376	18,506
November 1993	-	NA	W	811	6,333	18,783
December 1992	W	307	W	1,341	8,611	19,555
Texas						
December 1993	W	2,952	W	2,804	70,431	581,800
November 1993	W	601	W	7,804	59,935	442,950
December 1992	W	1,013	791	1,887	65,017	464,738
PAD District IV Total						
December 1993	W	W	2,579	18,973	35,890	84,118
November 1993	W	247	2,284	16,890	33,432	82,222
December 1992	-	395	2,984	27,443	27,168	85,402
Colorado						
December 1993	-	W	919	4,639	9,544	22,511
November 1993	-	193	W	4,831	8,310	27,075
December 1992	-	W	718	7,097	7,357	21,341
Idaho						
December 1993	-	W	W	3,366	W	12,188
November 1993	-	W	W	2,839	W	12,090
December 1992	-	W	W	4,572	W	14,853
Montana						
December 1993	-	W	W	4,307	W	15,341
November 1993	-	-	119	3,914	W	12,287
December 1992	-	-	W	5,304	W	12,420

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						
December 1993	-	NA	621	3,792	8,048	20,523
November 1993	-	W	418	2,437	8,365	17,739
December 1992	-	W	942	5,621	5,650	20,107
Wyoming						
December 1993	W	W	589	2,869	12,588	13,555
November 1993	W	-	444	2,869	9,390	13,031
December 1992	-	-	769	4,849	8,284	16,681
PAD District V Total						
December 1993	489	W	3,599	16,367	85,774	476,017
November 1993	W	1,085	3,688	13,327	86,679	386,033
December 1992	W	3,264	5,918	21,345	104,215	442,882
Alaska						
December 1993	-	-	2,299	6,055	3,195	22,610
November 1993	-	-	2,481	5,172	W	10,133
December 1992	-	-	3,797	8,567	3,448	17,315
Arizona						
December 1993	W	W	W	91	8,993	26,948
November 1993	W	W	W	116	9,034	26,518
December 1992	W	W	66	162	8,586	23,102
California						
December 1993	-	W	W	1,409	35,886	241,466
November 1993	-	263	W	1,032	30,941	204,280
December 1992	-	1,931	W	1,768	52,495	229,270
Hawaii						
December 1993	-	-	W	W	W	4,856
November 1993	-	-	W	-	W	4,619
December 1992	-	-	W	W	11,563	5,602
Nevada						
December 1993	-	-	W	587	W	16,779
November 1993	-	-	W	439	3,018	16,894
December 1992	-	-	W	1,007	2,351	15,711
Oregon						
December 1993	W	W	87	2,812	10,651	55,766
November 1993	-	W	W	2,140	11,381	47,059
December 1992	W	W	333	3,589	14,330	48,074
Washington						
December 1993	W	-	169	5,410	14,322	105,592
November 1993	W	W	216	4,428	20,442	76,530
December 1992	-	W	429	6,238	11,442	103,808

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								
December 1993	28,734	19,508	167,460	183,289	311,927	175,922	479,387	359,211
November 1993	19,610	11,880	97,271	143,636	291,048	192,964	388,319	336,600
December 1992	26,680	23,470	278,002	139,709	411,172	293,991	689,174	433,700
PAD District I Total								
December 1993	21,666	17,229	128,893	110,594	150,095	28,931	278,988	139,525
November 1993	14,263	11,245	71,423	102,338	135,751	38,047	207,174	140,385
December 1992	21,304	16,739	238,358	88,756	171,194	51,378	409,552	140,134
Subdistrict IA Total								
December 1993	W	W	W	W	W	W	W	44,599
November 1993	W	W	W	W	W	W	11,240	W
December 1992	W	W	44,342	W	4,071	W	48,413	W
Subdistrict IB Total								
December 1993	W	12,816	97,460	W	47,481	W	144,941	92,661
November 1993	W	8,293	W	74,870	W	13,065	89,543	87,935
December 1992	W	13,206	163,270	71,402	51,705	45,334	214,975	116,736
Subdistrict IC Total								
December 1993	610	NA	W	-	W	2,266	W	2,266
November 1993	598	W	7,385	W	99,006	W	106,391	W
December 1992	2,595	W	30,746	W	115,418	W	146,164	W
PAD District II Total								
December 1993	W	NA	W	W	W	W	5,772	17,484
November 1993	W	W	437	W	3,979	W	4,416	22,015
December 1992	W	W	W	1,018	W	19,220	5,402	20,238
PAD District III Total								
December 1993	W	W	-	59,567	74,250	104,932	74,250	164,499
November 1993	W	-	-	28,106	63,366	108,495	63,366	136,601
December 1992	W	W	-	39,013	124,748	116,489	124,748	155,502
PAD District IV Total								
December 1993	-	-	W	W	W	W	599	2,005
November 1993	-	-	W	W	W	W	955	2,934
December 1992	-	-	W	2,698	W	2,003	383	4,701
PAD District V Total								
December 1993	W	526	38,113	10,643	81,665	25,055	119,778	35,698
November 1993	W	W	W	10,069	W	24,596	112,408	34,665
December 1992	W	W	38,415	8,224	110,674	104,901	149,089	113,125

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 ¹	Regular ¹	Midgrade ¹	Premium ¹	Total
U.S. Total					
December 1993	-	6,800,468	1,210,848	2,080,097	10,091,414
November 1993	-	6,623,378	1,161,685	1,971,025	9,756,088
December 1992	114,681	6,992,533	1,216,134	1,993,458	10,316,806
PAD District I Total					
December 1993	-	2,121,108	532,176	934,645	3,587,929
November 1993	-	2,032,939	508,564	880,482	3,421,984
December 1992	150	2,063,650	534,946	878,143	3,476,889
Subdistrict IA Total					
December 1993	-	299,808	71,618	120,187	491,612
November 1993	-	291,240	67,038	113,097	471,375
December 1992	-	285,384	65,933	109,869	461,196
Connecticut					
December 1993	-	67,997	19,304	30,159	117,460
November 1993	-	64,148	18,612	27,867	110,627
December 1992	-	63,027	18,696	28,890	110,613
Maine					
December 1993	-	43,555	7,802	10,659	62,016
November 1993	-	41,708	7,783	10,283	59,774
December 1992	-	43,184	7,246	10,112	60,542
Massachusetts					
December 1993	-	123,513	30,724	55,922	210,159
November 1993	-	123,819	27,907	53,590	205,316
December 1992	-	114,057	26,748	48,424	189,229
New Hampshire					
December 1993	-	22,151	4,841	6,884	33,876
November 1993	-	20,379	4,379	6,080	30,838
December 1992	-	23,491	4,556	6,822	34,869
Rhode Island					
December 1993	-	29,456	6,513	12,094	48,063
November 1993	-	28,801	5,917	11,469	46,187
December 1992	-	29,213	6,392	11,934	47,539
Vermont					
December 1993	-	13,136	2,434	4,468	20,039
November 1993	-	12,385	2,440	3,808	18,633
December 1992	-	12,422	2,295	3,687	18,404
Subdistrict IB Total					
December 1993	-	823,923	194,409	405,898	1,424,230
November 1993	-	795,185	185,878	380,645	1,361,708
December 1992	W	817,909	W	389,826	1,398,578
Delaware					
December 1993	-	19,877	7,011	6,550	33,438
November 1993	-	18,689	6,632	6,078	31,399
December 1992	-	19,023	6,653	6,807	32,483
District of Columbia					
December 1993	-	4,628	2,712	6,361	13,701
November 1993	-	4,261	2,592	6,059	12,912
December 1992	-	4,843	2,822	5,995	13,660
Maryland					
December 1993	-	88,477	32,459	46,545	167,481
November 1993	-	87,871	31,690	44,503	164,064
December 1992	-	86,963	33,350	41,701	162,014
New Jersey					
December 1993	-	175,875	41,236	113,352	330,463
November 1993	-	165,130	39,402	109,567	314,099
December 1992	-	194,851	40,942	110,612	346,405
New York					
December 1993	-	268,790	49,985	132,969	451,744
November 1993	-	254,163	47,965	122,656	424,784
December 1992	W	248,607	W	128,536	424,443
Pennsylvania					
December 1993	-	266,276	61,006	100,121	427,403
November 1993	-	265,071	57,597	91,782	414,450
December 1992	W	263,622	W	96,176	419,573

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 ¹	Regular ¹	Midgrade ¹	Premium ¹	Total
Subdistrict IC Total					
December 1993	-	997,378	286,149	408,561	1,672,087
November 1993	-	946,514	255,648	386,740	1,588,901
December 1992	W	960,348	W	378,448	1,617,116
Florida					
December 1993	-	304,280	96,120	157,003	557,403
November 1993	-	275,676	90,236	144,959	510,871
December 1992	-	293,082	98,510	150,327	541,919
Georgia					
December 1993	-	203,568	50,322	74,002	327,892
November 1993	-	193,540	47,963	70,468	311,991
December 1992	W	194,631	W	69,440	314,685
North Carolina					
December 1993	-	187,460	44,280	64,277	296,017
November 1993	-	183,461	40,702	61,208	285,371
December 1992	-	188,783	46,005	58,135	292,924
South Carolina					
December 1993	-	107,344	23,261	33,583	164,188
November 1993	-	104,768	22,531	30,652	157,951
December 1992	-	105,229	25,555	29,003	159,787
Virginia					
December 1993	-	160,935	44,874	70,821	276,630
November 1993	-	156,491	46,798	71,053	274,342
December 1992	-	146,356	49,239	62,523	258,118
West Virginia					
December 1993	-	33,791	7,292	8,874	49,957
November 1993	-	32,578	7,418	8,379	48,375
December 1992	W	32,267	W	9,019	49,683
PAD District II Total					
December 1993	-	2,196,562	303,265	487,191	2,987,019
November 1993	-	2,132,616	290,207	448,357	2,871,181
December 1992	5,812	2,296,672	305,142	462,749	3,070,375
Illinois					
December 1993	-	262,797	51,189	74,543	388,529
November 1993	-	262,738	46,642	69,561	378,940
December 1992	W	315,652	W	86,769	453,972
Indiana					
December 1993	-	164,565	28,522	41,926	235,012
November 1993	-	155,505	27,888	38,961	222,355
December 1992	W	165,046	W	34,665	230,295
Iowa					
December 1993	-	111,846	1,483	9,212	122,541
November 1993	-	107,480	1,316	8,335	117,131
December 1992	W	111,683	W	9,624	123,737
Kansas					
December 1993	-	107,463	4,281	13,649	125,393
November 1993	-	106,181	4,098	12,393	122,672
December 1992	19	108,816	4,468	13,361	126,664
Kentucky					
December 1993	-	105,758	25,111	35,266	166,135
November 1993	-	103,013	25,287	32,205	160,505
December 1992	W	104,572	W	31,044	160,810
Michigan					
December 1993	-	280,308	40,624	66,518	387,450
November 1993	-	274,604	37,563	59,502	371,669
December 1992	835	276,278	38,923	57,451	373,487
Minnesota					
December 1993	-	151,180	11,632	16,117	178,928
November 1993	-	145,095	10,757	15,060	170,912
December 1992	W	153,410	W	18,811	183,604
Missouri					
December 1993	-	170,738	18,933	38,083	227,754
November 1993	-	161,502	18,115	34,392	214,009
December 1992	23	166,690	19,827	34,368	220,928

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 ¹	Regular ¹	Midgrade ¹	Premium ¹	Total
Nebraska					
December 1993	-	66,592	298	4,413	71,303
November 1993	-	61,260	267	3,802	65,329
December 1992	305	60,004	1,601	3,555	65,465
North Dakota					
December 1993	-	26,054	W	W	28,909
November 1993	-	27,646	W	W	30,342
December 1992	W	28,183	W	1,650	31,418
Ohio					
December 1993	-	289,997	59,598	72,673	422,268
November 1993	-	275,887	58,276	65,026	399,189
December 1992	27	301,404	55,751	62,955	420,137
Oklahoma					
December 1993	-	131,225	6,793	25,402	163,420
November 1993	-	126,730	6,307	25,228	158,265
December 1992	785	162,570	7,166	25,689	196,210
South Dakota					
December 1993	-	29,059	W	W	31,552
November 1993	-	28,572	W	W	30,897
December 1992	W	33,155	W	2,108	36,100
Tennessee					
December 1993	-	152,687	41,122	60,066	253,876
November 1993	-	152,250	40,202	56,361	248,813
December 1992	-	161,744	45,198	55,192	262,134
Wisconsin					
December 1993	-	146,294	12,265	25,390	183,949
November 1993	-	144,153	12,161	23,838	180,152
December 1992	W	147,465	W	25,487	185,414
PAD District III Total					
December 1993	-	1,069,722	197,744	290,339	1,557,805
November 1993	-	1,026,427	189,926	285,085	1,501,438
December 1992	12,324	1,215,957	207,263	280,210	1,715,754
Alabama					
December 1993	-	112,358	24,725	39,471	176,554
November 1993	-	106,830	22,808	36,511	165,949
December 1992	-	118,515	25,823	35,684	180,022
Arkansas					
December 1993	-	95,187	12,839	25,100	132,926
November 1993	-	91,071	12,379	22,853	126,303
December 1992	W	87,559	W	21,078	121,280
Louisiana					
December 1993	-	110,698	26,086	41,501	178,285
November 1993	-	100,065	24,156	44,192	168,413
December 1992	-	124,407	29,177	41,378	194,962
Mississippi					
December 1993	-	77,172	14,831	23,335	115,338
November 1993	-	71,217	14,925	22,819	108,962
December 1992	-	99,481	15,640	20,622	135,743
New Mexico					
December 1993	-	61,468	1,857	7,230	70,595
November 1993	-	57,063	2,372	6,168	65,603
December 1992	9,074	49,128	1,305	6,727	66,234
Texas					
December 1993	-	612,838	117,606	153,702	884,146
November 1993	-	600,182	113,486	152,541	866,209
December 1992	W	736,867	W	154,721	1,017,513
PAD District IV Total					
December 1993	-	221,365	24,554	45,911	291,830
November 1993	-	219,176	23,304	43,489	285,969
December 1992	28,112	218,620	18,147	47,239	312,118
Colorado					
December 1993	-	97,942	18,241	19,183	135,366
November 1993	-	95,252	17,482	18,197	130,931
December 1992	5,491	103,107	14,501	21,251	144,350

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 ¹	Regular ¹	Midgrade ¹	Premium ¹	Total
Idaho					
December 1993	-	32,925	W	W	38,297
November 1993	-	34,125	W	W	38,928
December 1992	7,555	26,795	-	4,026	38,376
Montana					
December 1993	-	26,833	-	4,868	31,701
November 1993	-	28,330	W	W	33,082
December 1992	6,348	24,747	-	5,096	36,191
Utah					
December 1993	-	45,862	5,673	13,744	65,279
November 1993	-	43,653	5,310	13,123	62,086
December 1992	W	47,154	W	13,607	70,116
Wyoming					
December 1993	-	17,803	W	W	21,187
November 1993	-	17,816	137	2,989	20,942
December 1992	W	16,817	W	3,259	23,085
PAD District V Total					
December 1993	-	1,191,711	153,109	322,011	1,666,831
November 1993	-	1,212,219	149,684	313,613	1,675,516
December 1992	68,283	1,197,634	150,636	325,117	1,741,670
Alaska					
December 1993	-	14,990	-	2,130	17,120
November 1993	-	14,341	-	2,036	16,377
December 1992	801	14,336	-	1,663	16,800
Arizona					
December 1993	-	116,386	1,556	20,161	138,103
November 1993	-	106,519	1,594	19,042	127,155
December 1992	18,321	92,465	698	16,315	129,799
California					
December 1993	-	748,514	142,787	232,802	1,124,103
November 1993	-	775,292	139,932	224,155	1,139,379
December 1992	W	816,616	W	238,079	1,196,132
Hawaii					
December 1993	-	17,058	3,729	9,924	30,711
November 1993	-	16,313	3,516	9,227	29,056
December 1992	-	17,626	3,466	10,284	31,376
Nevada					
December 1993	-	44,918	4,715	9,861	59,514
November 1993	-	47,372	4,328	12,402	64,102
December 1992	127	42,068	4,732	10,399	57,326
Oregon					
December 1993	-	90,891	W	W	104,789
November 1993	-	91,134	W	W	104,473
December 1992	W	80,749	W	14,278	113,293
Washington					
December 1993	-	158,954	W	W	192,491
November 1993	-	161,248	W	W	194,974
December 1992	W	133,774	W	32,099	196,944

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."

¹ From October 1993 forward, sales of leaded gasoline will not be collected separately, but will be included in the appropriate regular, midgrade, and premium categories.

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							
December 1993	22,227	1,622,647	104,297	1,328,516	621,830	640,153	1,261,783
November 1993	23,460	1,586,566	100,034	1,215,260	339,235	586,200	925,436
December 1992	19,513	1,527,129	153,153	1,468,842	486,265	865,587	1,351,852
PAD District I Total							
December 1993	5,817	426,234	W	254,458	456,908	369,339	826,247
November 1993	6,196	424,466	W	195,920	260,108	312,623	572,731
December 1992	5,641	387,785	W	273,054	400,142	370,981	771,123
Subdistrict IA Total							
December 1993	572	33,821	W	17,530	94,392	74,775	169,167
November 1993	664	33,867	W	13,673	56,867	66,229	125,096
December 1992	509	35,697	W	25,317	106,466	69,282	175,748
Connecticut							
December 1993	97	7,095	W	2,514	10,870	-	10,870
November 1993	103	7,693	W	2,036	3,984	-	3,984
December 1992	79	7,606	-	4,823	W	W	36,587
Maine							
December 1993	W	W	-	2,369	12,234	23,275	35,509
November 1993	W	W	-	1,932	17,327	18,120	35,447
December 1992	W	W	-	2,360	7,970	19,161	27,131
Massachusetts							
December 1993	156	21,845	W	3,635	63,233	36,608	99,841
November 1993	115	21,401	W	2,749	29,861	33,122	62,983
December 1992	W	22,785	W	7,093	50,433	34,521	84,954
New Hampshire							
December 1993	45	881	-	4,465	W	W	14,992
November 1993	34	895	-	3,198	659	16,122	16,781
December 1992	31	934	-	5,972	3,190	14,609	17,799
Rhode Island							
December 1993	W	1,594	-	1,112	W	-	W
November 1993	W	1,450	W	888	W	W	4,933
December 1992	W	1,769	-	1,651	W	W	8,169
Vermont							
December 1993	20	W	-	3,435	W	W	W
November 1993	43	W	-	2,870	W	W	988
December 1992	35	W	-	3,418	W	W	1,108
Subdistrict IB Total							
December 1993	1,205	190,877	W	72,279	286,951	81,774	368,725
November 1993	1,869	215,116	W	61,890	165,831	87,571	253,401
December 1992	1,071	198,538	W	77,942	261,839	126,346	388,185
Delaware							
December 1993	22	174	-	W	20,415	3,884	24,299
November 1993	W	W	-	W	16,834	7,474	24,308
December 1992	W	219	W	W	W	W	W
District of Columbia							
December 1993	-	-	-	W	W	-	W
November 1993	-	W	-	-	W	-	W
December 1992	-	-	-	-	W	-	W
Maryland							
December 1993	184	9,031	-	4,552	W	18,195	W
November 1993	W	8,288	W	W	W	18,445	W
December 1992	W	7,001	W	W	W	W	25,967
New Jersey							
December 1993	451	133,770	W	11,583	48,209	16,184	64,393
November 1993	787	157,780	W	9,562	22,442	16,359	38,800
December 1992	291	142,374	W	11,707	51,816	39,225	91,041
New York							
December 1993	200	13,328	-	20,210	172,559	25,747	198,306
November 1993	366	12,537	-	16,398	91,149	24,480	115,629
December 1992	330	12,044	W	21,640	163,000	45,700	208,700
Pennsylvania							
December 1993	348	34,574	-	26,848	37,736	17,764	55,500
November 1993	568	35,541	-	25,831	25,226	20,813	46,039
December 1992	291	36,900	-	29,895	26,893	23,160	50,053

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							
December 1993	3,840	201,536	-	164,649	75,564	212,790	288,355
November 1993	3,663	175,503	W	120,557	37,411	156,823	194,234
December 1992	4,061	153,550	-	169,795	31,837	175,353	207,190
Florida							
December 1993	2,233	107,552	-	35,317	60,834	111,306	172,140
November 1993	2,013	83,712	-	28,325	35,953	100,817	136,770
December 1992	2,554	74,342	-	35,510	28,534	94,034	122,568
Georgia							
December 1993	502	44,488	-	40,615	W	W	15,377
November 1993	525	44,343	-	28,125	-	10,243	10,243
December 1992	452	33,894	-	44,265	W	W	14,286
North Carolina							
December 1993	425	11,555	-	45,570	W	W	26,615
November 1993	444	10,953	-	33,219	W	W	22,682
December 1992	405	8,379	-	46,319	W	W	28,925
South Carolina							
December 1993	272	2,550	-	27,716	W	W	W
November 1993	353	2,571	W	18,065	W	W	W
December 1992	301	2,377	-	26,957	W	W	13,301
Virginia							
December 1993	320	34,851	-	13,486	W	W	59,545
November 1993	225	33,394	-	11,138	303	14,587	14,890
December 1992	233	34,028	-	14,353	672	23,971	24,643
West Virginia							
December 1993	88	540	-	1,945	W	W	W
November 1993	103	530	-	1,685	W	W	W
December 1992	116	530	-	2,391	121	3,346	3,467
PAD District II Total							
December 1993	4,308	266,894	24,023	474,782	W	W	21,313
November 1993	4,846	274,061	24,039	488,274	W	W	27,632
December 1992	5,199	275,505	25,604	607,604	6,689	28,353	35,042
Illinois							
December 1993	W	26,027	-	51,309	-	572	572
November 1993	W	25,369	W	55,051	W	W	3,216
December 1992	W	25,333	W	66,839	W	W	6,844
Indiana							
December 1993	470	50,594	W	30,817	W	W	3,735
November 1993	731	49,605	W	38,168	W	W	6,916
December 1992	1,123	48,916	W	53,206	W	W	3,357
Iowa							
December 1993	168	2,086	W	33,417	-	W	W
November 1993	W	1,965	W	54,750	-	W	W
December 1992	207	2,244	W	45,993	-	W	W
Kansas							
December 1993	303	4,662	W	84,355	W	-	W
November 1993	303	5,048	W	77,117	W	-	W
December 1992	278	9,423	W	107,139	W	W	W
Kentucky							
December 1993	133	19,864	-	22,261	W	W	W
November 1993	145	18,009	-	17,837	-	W	W
December 1992	100	22,576	-	19,809	W	W	469
Michigan							
December 1993	554	29,820	W	33,480	W	W	1,385
November 1993	634	33,690	W	33,005	W	W	2,279
December 1992	570	27,125	-	49,934	149	921	1,070
Minnesota							
December 1993	W	NA	W	35,759	W	W	6,363
November 1993	W	23,943	W	45,349	W	NA	NA
December 1992	356	26,923	W	45,564	W	W	7,382
Missouri							
December 1993	344	27,516	W	48,798	W	W	629
November 1993	323	26,839	W	37,040	-	W	W
December 1992	W	21,499	W	50,466	W	W	1,326

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							
December 1993	103	2,244	-	9,980	-	W	W
November 1993	182	1,973	-	13,281	-	W	W
December 1992	144	2,694	-	16,441	-	W	W
North Dakota							
December 1993	42	747	W	10,716	-	W	W
November 1993	W	666	W	9,871	-	W	W
December 1992	51	833	-	12,458	-	W	W
Ohio							
December 1993	581	30,572	W	34,874	W	W	2,762
November 1993	623	32,874	W	33,433	W	W	4,325
December 1992	599	30,955	W	41,924	1,012	2,744	3,756
Oklahoma							
December 1993	324	25,869	W	24,663	W	-	W
November 1993	338	27,717	W	22,257	-	W	W
December 1992	253	34,560	W	27,905	W	W	W
South Dakota							
December 1993	151	742	W	7,892	-	W	W
November 1993	W	635	W	9,944	-	W	W
December 1992	143	781	W	12,376	-	W	W
Tennessee							
December 1993	451	22,957	W	11,613	W	W	1,004
November 1993	403	20,614	W	9,568	W	W	857
December 1992	424	15,961	W	15,590	W	W	1,896
Wisconsin							
December 1993	W	5,788	-	34,848	W	W	W
November 1993	W	5,114	-	31,603	W	W	3,444
December 1992	261	5,682	-	41,960	W	W	2,782
PAD District III Total							
December 1993	3,862	408,721	65,145	456,812	89,692	139,420	229,112
November 1993	3,641	383,435	53,430	407,429	36,627	129,203	165,830
December 1992	3,130	371,764	73,967	440,425	28,364	233,835	262,199
Alabama							
December 1993	356	3,586	W	28,075	W	W	10,736
November 1993	387	3,846	W	19,968	W	W	6,776
December 1992	320	4,496	W	30,099	W	W	9,191
Arkansas							
December 1993	W	2,105	W	19,971	W	-	W
November 1993	196	514	W	16,467	-	W	W
December 1992	W	1,169	W	23,592	-	W	W
Louisiana							
December 1993	259	91,335	35,687	35,422	61,766	83,294	145,060
November 1993	269	88,642	28,176	30,408	W	W	62,194
December 1992	225	68,343	29,153	31,555	W	W	110,099
Mississippi							
December 1993	W	21,697	5,431	41,219	W	W	4,614
November 1993	W	19,546	7,085	29,003	W	W	W
December 1992	113	22,972	5,466	37,348	-	W	W
New Mexico							
December 1993	304	9,603	W	32,331	W	-	W
November 1993	W	9,935	W	24,481	W	W	240
December 1992	W	4,602	4,890	29,425	W	W	190
Texas							
December 1993	2,590	280,395	19,907	299,794	23,624	44,815	68,439
November 1993	2,371	260,952	13,374	287,102	15,168	59,739	74,907
December 1992	2,003	270,182	31,437	288,406	27,036	114,919	141,955
PAD District IV Total							
December 1993	1,031	49,248	10,185	41,896	W	W	2,556
November 1993	956	41,186	10,183	36,510	W	W	3,833
December 1992	896	41,136	W	44,788	3,267	1,065	4,332
Colorado							
December 1993	406	31,851	W	15,376	-	-	-
November 1993	435	27,010	W	14,180	-	-	-
December 1992	414	23,823	W	16,852	W	-	W

See footnotes at end of table.

Table 46. 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							
December 1993	W	1,597	W	3,495	-	W	W
November 1993	W	1,488	W	3,013	-	-	-
December 1992	W	1,298	W	3,349	-	-	-
Montana							
December 1993	W	2,280	W	6,127	-	W	W
November 1993	W	1,837	W	5,406	-	W	W
December 1992	W	2,338	W	8,170	-	W	W
Utah							
December 1993	304	13,235	4,212	6,903	W	W	662
November 1993	246	10,630	4,039	5,544	W	W	667
December 1992	183	13,281	4,291	6,043	W	W	2,050
Wyoming							
December 1993	74	285	W	9,995	W	W	W
November 1993	86	221	W	8,367	W	W	W
December 1992	61	396	W	10,374	W	W	W
PAD District V Total							
December 1993	7,409	471,550	W	100,567	72,309	110,246	182,555
November 1993	7,821	463,397	W	87,127	39,803	115,607	155,410
December 1992	4,647	450,939	34,709	102,971	47,803	231,353	279,156
Alaska							
December 1993	W	46,375	W	W	-	-	-
November 1993	W	42,779	W	W	-	-	-
December 1992	W	37,714	W	W	-	W	W
Arizona							
December 1993	382	19,008	W	5,435	W	-	W
November 1993	501	17,740	-	3,939	W	-	W
December 1992	412	17,993	W	8,269	W	-	W
California							
December 1993	2,396	293,238	W	62,634	29,669	64,314	93,983
November 1993	2,913	288,614	W	51,562	14,765	56,967	71,732
December 1992	2,693	262,305	33,200	61,166	8,951	86,552	95,503
Hawaii							
December 1993	W	30,103	-	W	41,978	9,358	51,336
November 1993	W	26,228	-	W	W	W	33,060
December 1992	W	29,038	-	W	W	W	46,497
Nevada							
December 1993	135	16,554	-	3,385	W	W	W
November 1993	196	16,642	-	3,860	W	W	W
December 1992	151	12,906	W	5,706	W	W	W
Oregon							
December 1993	370	13,576	-	5,039	-	W	W
November 1993	283	11,859	-	4,580	-	11,850	11,850
December 1992	284	14,146	-	5,098	W	W	20,225
Washington							
December 1993	525	52,696	-	15,840	-	29,940	29,940
November 1993	356	59,335	-	15,089	-	38,442	38,442
December 1992	377	76,837	-	17,762	-	71,813	71,813

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 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							
December 1993	174,332	153,926	1,615,822	2,770,350	4,386,172	64,334	4,778,763
November 1993	110,002	127,277	1,211,810	2,660,669	3,872,480	44,180	4,153,938
December 1992	151,343	219,412	2,256,892	2,260,804	4,517,696	72,735	4,961,186
PAD District I Total							
December 1993	119,276	16,137	1,186,430	755,519	1,941,949	56,859	2,134,221
November 1993	71,839	10,258	792,948	726,324	1,519,272	38,205	1,639,573
December 1992	107,280	21,405	1,455,536	500,607	1,956,143	60,785	2,145,613
Subdistrict IA Total							
December 1993	18,856	1,283	371,295	68,687	439,982	15,587	475,708
November 1993	12,727	W	241,150	70,668	311,818	W	335,968
December 1992	14,694	3,955	397,821	49,858	447,679	13,639	479,967
Connecticut							
December 1993	2,376	W	86,860	16,937	103,797	W	109,163
November 1993	1,664	117	59,020	16,768	75,788	1,710	79,279
December 1992	2,668	339	93,638	10,378	104,016	2,847	109,870
Maine							
December 1993	9,058	W	47,547	10,970	58,517	W	68,607
November 1993	6,052	W	26,829	15,513	42,342	W	49,952
December 1992	5,386	1,908	47,689	6,954	54,643	844	62,781
Massachusetts							
December 1993	3,156	W	146,013	22,154	168,167	W	179,765
November 1993	2,735	W	96,558	21,100	117,658	W	125,429
December 1992	3,150	403	162,504	17,449	179,953	6,141	189,647
New Hampshire							
December 1993	2,999	372	36,146	10,318	46,464	930	50,765
November 1993	1,448	W	22,522	9,565	32,087	W	34,358
December 1992	2,182	W	35,949	9,344	45,293	W	49,016
Rhode Island							
December 1993	610	W	47,047	5,906	52,953	W	55,998
November 1993	397	W	30,593	5,533	36,126	W	38,279
December 1992	324	688	48,413	3,499	51,912	2,269	55,193
Vermont							
December 1993	657	W	7,682	2,403	10,085	W	11,410
November 1993	431	W	5,628	2,189	7,817	W	8,671
December 1992	1,004	W	9,628	2,234	11,862	W	13,460
Subdistrict IB Total							
December 1993	46,430	10,394	643,550	267,271	910,822	40,389	1,008,034
November 1993	28,447	6,431	406,896	274,141	681,038	26,774	742,690
December 1992	41,148	11,506	822,495	147,141	969,636	44,192	1,066,482
Delaware							
December 1993	1,762	W	15,390	8,670	24,060	W	25,849
November 1993	W	-	9,167	8,627	17,794	W	18,466
December 1992	W	W	20,972	8,183	29,155	W	30,508
District of Columbia							
December 1993	W	W	6,493	425	6,918	W	8,178
November 1993	W	W	4,883	622	5,505	W	6,438
December 1992	W	-	8,934	570	9,504	W	11,478
Maryland							
December 1993	W	850	51,224	29,445	80,669	W	87,866
November 1993	3,237	W	32,765	29,949	62,714	W	67,040
December 1992	4,614	491	54,291	20,279	74,570	542	80,217
New Jersey							
December 1993	7,425	W	186,163	76,228	262,392	W	276,964
November 1993	3,357	W	121,655	72,067	193,722	W	202,109
December 1992	5,709	3,668	324,183	32,138	356,321	7,508	373,206
New York							
December 1993	18,263	3,229	233,460	51,043	284,503	32,704	338,699
November 1993	12,056	1,564	145,104	55,154	200,258	21,778	235,656
December 1992	15,179	2,751	236,676	30,632	267,308	33,734	318,972
Pennsylvania							
December 1993	13,347	W	150,820	101,460	252,280	W	270,478
November 1993	9,117	W	93,322	107,722	201,044	W	212,981
December 1992	14,469	W	177,439	55,339	232,778	W	252,101

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							
December 1993	53,990	4,460	171,585	419,560	591,145	884	650,479
November 1993	30,665	W	144,902	381,514	526,416	W	560,915
December 1992	51,438	5,944	235,220	303,808	538,828	2,954	599,164
Florida							
December 1993	3,947	W	25,682	132,528	158,210	W	163,697
November 1993	2,290	W	21,353	114,594	135,947	W	138,731
December 1992	3,075	W	33,216	108,587	141,803	W	145,677
Georgia							
December 1993	3,456	W	24,218	84,726	108,944	W	112,583
November 1993	2,041	W	NA	82,253	109,382	W	111,618
December 1992	3,938	W	23,165	65,939	89,104	W	93,404
North Carolina							
December 1993	20,929	392	36,096	84,917	121,013	314	142,648
November 1993	10,802	NA	24,506	74,668	99,174	W	110,568
December 1992	19,578	1,257	62,677	49,375	112,052	248	133,135
South Carolina							
December 1993	9,751	NA	13,589	34,829	48,418	W	58,764
November 1993	5,640	W	16,038	31,970	48,008	W	53,717
December 1992	9,903	W	24,499	21,675	46,174	W	56,135
Virginia							
December 1993	13,468	NA	57,783	68,382	126,164	151	141,341
November 1993	8,495	NA	41,692	64,308	106,000	NA	116,582
December 1992	12,923	3,301	81,061	41,103	122,164	2,374	140,762
West Virginia							
December 1993	2,439	W	14,217	14,179	28,396	W	31,446
November 1993	1,397	397	14,184	13,721	27,905	-	29,699
December 1992	2,021	W	10,602	16,929	27,531	W	30,051
PAD District II Total							
December 1993	43,801	W	297,833	849,811	1,147,644	W	1,287,437
November 1993	28,882	W	294,688	833,319	1,128,007	W	1,238,007
December 1992	32,585	W	509,021	627,634	1,136,655	W	1,306,505
Illinois							
December 1993	1,863	W	40,029	76,573	116,602	W	132,648
November 1993	1,379	W	46,746	86,670	133,417	W	145,506
December 1992	1,774	17,187	84,973	71,537	156,510	-	175,471
Indiana							
December 1993	5,401	W	33,067	95,620	128,687	W	141,183
November 1993	2,516	W	33,604	87,720	121,324	W	128,224
December 1992	4,191	W	50,539	79,678	130,217	W	145,180
Iowa							
December 1993	W	W	9,222	43,142	52,364	-	63,358
November 1993	1,135	8,749	13,477	49,878	63,355	-	73,239
December 1992	249	13,712	20,315	29,309	49,624	-	63,585
Kansas							
December 1993	364	5,745	6,789	49,076	55,865	-	61,974
November 1993	349	5,056	NA	42,471	51,730	-	57,135
December 1992	331	7,892	20,624	26,423	47,047	-	55,270
Kentucky							
December 1993	5,875	W	24,018	58,845	82,863	W	89,482
November 1993	3,734	W	23,648	60,805	84,453	W	89,067
December 1992	5,005	W	26,135	52,759	78,894	W	86,505
Michigan							
December 1993	5,215	W	37,328	52,363	89,691	W	102,849
November 1993	3,758	6,920	38,300	50,806	89,106	-	99,784
December 1992	3,699	W	58,643	29,626	88,269	W	101,701
Minnesota							
December 1993	4,155	13,543	17,462	47,851	65,313	-	83,012
November 1993	2,972	W	17,395	55,330	72,725	W	88,455
December 1992	473	W	35,670	28,541	65,211	W	84,648
Missouri							
December 1993	1,035	W	7,692	71,217	78,909	W	83,145
November 1993	784	1,526	8,520	63,502	72,022	-	74,332
December 1992	688	4,921	18,832	52,313	71,145	-	76,754

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							
December 1993	122	6,708	3,047	35,954	39,001	-	45,831
November 1993	210	6,758	3,474	32,934	36,408	-	43,375
December 1992	78	8,089	7,270	26,551	33,821	-	41,988
North Dakota							
December 1993	W	W	3,444	19,815	23,257	-	28,708
November 1993	W	W	2,779	14,573	17,352	-	22,713
December 1992	W	W	10,802	8,600	19,402	-	24,990
Ohio							
December 1993	10,840	W	50,661	107,832	158,493	W	171,634
November 1993	7,244	W	42,234	95,868	138,102	W	146,848
December 1992	9,924	W	68,169	84,047	152,216	W	165,890
Oklahoma							
December 1993	46	2,735	8,902	63,422	72,324	-	75,105
November 1993	W	W	6,516	57,302	63,818	-	65,487
December 1992	168	0,538	20,293	41,129	61,422	-	72,128
South Dakota							
December 1993	W	W	2,856	14,921	17,777	-	24,007
November 1993	W	W	3,126	14,515	17,641	-	24,475
December 1992	W	W	9,286	8,194	17,480	-	24,765
Tennessee							
December 1993	5,228	NA	19,353	73,327	92,680	W	98,683
November 1993	3,065	NA	15,051	78,035	93,086	W	97,090
December 1992	5,749	W	25,182	65,272	90,454	W	98,364
Wisconsin							
December 1993	498	11,503	33,964	39,855	73,819	-	85,820
November 1993	474	W	30,559	42,909	73,468	W	82,276
December 1992	195	14,128	52,288	22,655	74,943	-	89,266
PAD District III Total							
December 1993	9,115	W	110,692	571,227	681,919	W	694,462
November 1993	7,503	W	102,578	539,259	641,837	W	652,291
December 1992	7,710	W	236,778	522,351	759,129	W	772,527
Alabama							
December 1993	1,678	97	11,336	55,006	66,342	-	68,117
November 1993	W	W	8,134	51,050	59,184	-	60,390
December 1992	1,566	605	12,636	41,017	53,653	-	55,824
Arkansas							
December 1993	W	W	2,274	64,238	66,512	-	66,786
November 1993	W	W	1,801	57,401	59,202	-	59,501
December 1992	204	117	W	W	44,134	-	44,455
Louisiana							
December 1993	W	W	9,625	105,255	114,880	-	119,694
November 1993	W	W	11,817	96,119	107,936	-	113,104
December 1992	W	W	22,605	114,214	136,819	-	137,911
Mississippi							
December 1993	W	-	W	W	54,887	W	56,267
November 1993	W	-	W	W	50,579	W	50,871
December 1992	445	W	23,614	38,669	62,283	W	62,812
New Mexico							
December 1993	W	W	W	W	24,222	-	25,739
November 1993	W	W	W	W	27,555	-	28,667
December 1992	W	W	W	W	30,115	-	32,040
Texas							
December 1993	994	1,789	78,627	276,448	355,075	-	357,858
November 1993	625	1,752	72,234	265,147	337,381	-	339,758
December 1992	4,656	2,704	172,655	259,470	432,125	-	439,485
PAD District IV Total							
December 1993	510	22,315	2,791	120,592	123,383	-	146,208
November 1993	400	19,649	3,563	116,925	120,488	-	140,537
December 1992	445	30,711	20,324	92,603	112,927	-	144,083
Colorado							
December 1993	W	W	1,517	31,403	32,920	-	39,019
November 1993	193	6,116	W	W	36,472	-	42,781
December 1992	W	W	6,453	22,595	29,048	-	37,346

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							
December 1993	W	W	W	W	15,413	-	19,203
November 1993	W	W	200	17,034	17,234	-	20,444
December 1992	W	W	2,792	14,045	16,837	-	21,802
Montana							
December 1993	W	W	W	W	18,367	-	22,936
November 1993	-	3,989	W	W	16,212	-	20,201
December 1992	-	5,564	W	W	16,158	-	21,722
Utah							
December 1993	W	W	W	W	29,335	-	33,833
November 1993	W	W	W	W	26,624	-	29,540
December 1992	W	W	W	W	25,858	-	32,559
Wyoming							
December 1993	W	W	W	W	27,348	-	31,217
November 1993	W	W	W	W	23,946	-	27,571
December 1992	-	5,628	2,912	22,114	25,026	-	30,654
PAD District V Total							
December 1993	1,630	W	18,076	473,201	491,277	W	516,435
November 1993	1,378	17,353	18,034	444,843	462,877	1,923	483,531
December 1992	3,323	W	35,233	517,609	552,842	W	592,458
Alaska							
December 1993	-	8,354	11,294	W	W	W	27,269
November 1993	-	W	9,599	2,984	12,583	W	21,807
December 1992	-	W	11,735	8,802	20,537	W	40,406
Arizona							
December 1993	W	W	W	W	43,723	-	44,158
November 1993	W	131	W	37,257	W	-	37,783
December 1992	W	228	W	32,185	W	-	32,758
California							
December 1993	367	1,531	W	W	259,084	288	261,270
November 1993	263	W	W	W	248,167	W	250,054
December 1992	W	2,353	W	W	288,456	W	294,014
Hawaii							
December 1993	-	W	W	14,227	W	-	15,035
November 1993	-	W	W	13,724	W	-	14,487
December 1992	-	W	W	16,431	W	-	17,632
Nevada							
December 1993	-	1,171	W	W	19,274	-	20,445
November 1993	-	882	W	W	20,230	-	21,112
December 1992	-	1,321	W	W	17,410	-	18,731
Oregon							
December 1993	W	W	2,197	63,114	65,311	-	69,188
November 1993	704	1,928	3,727	53,746	57,473	-	60,105
December 1992	W	W	7,613	52,903	60,516	-	65,402
Washington							
December 1993	133	5,926	3,541	69,470	73,011	-	79,070
November 1993	W	W	4,171	68,924	73,095	-	78,183
December 1992	W	6,711	13,669	102,871	116,540	W	123,515

Dashes (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

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

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

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

Standard Errors and Survey Response Percentages

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

Geographic Area Month	Refiner/Reseller				Reseller			
	Sales to End Users			Sales for Resale	Sales to End Users			Sales for Resale
	Through Company Outlets	Other End Users	Average		Through Company Outlets	Other End Users	Average	
U.S. Average								
December 1993	0.2	0.5	0.2	0.2	0.3	0.6	0.3	0.8
November 1993	.1	.4	.1	.1	.2	.5	.2	.4
PAD District I Average								
December 1993	.3	1.2	.2	.1	.4	1.5	.4	.6
November 1993	.3	.5	.2	.1	.4	.7	.4	.4
Subdistrict IA Average								
December 1993	.7	2.1	.8	.2	.7	3.1	.9	.7
November 1993	.5	1.7	.6	.1	.6	2.4	.7	.5
Connecticut								
December 1993	1.3	1.5	1.3	.4	1.6	1.6	1.5	2.1
November 1993	1.0	1.0	1.0	.5	1.2	1.1	1.2	2.0
Maine								
December 1993	.3	1.6	.3	.2	.3	1.9	.2	.4
November 1993	.2	1.2	.2	.2	.2	1.3	.2	.4
Massachusetts								
December 1993	.8	3.0	1.3	.2	1.0	4.7	1.5	.8
November 1993	.3	1.9	.8	.1	.3	2.8	.9	.4
New Hampshire								
December 1993	1.8	1.9	1.8	2.3	2.1	1.5	2.1	4.7
November 1993	1.1	1.0	1.1	.9	1.3	.9	1.3	1.6
Rhode Island								
December 1993	3.4	3.0	3.1	.2	3.8	NA	3.8	.9
November 1993	3.2	1.5	2.7	.1	3.4	2.2	3.2	.2
Vermont								
December 1993	.4	1.3	.3	.3	.4	1.3	.3	.5
November 1993	.3	.7	.2	.2	.3	.6	.2	.3
Subdistrict IB Average								
December 1993	.4	1.2	.4	.1	.7	1.4	.6	.7
November 1993	.3	.6	.3	.1	.5	.7	.4	.6
Delaware								
December 1993	1.1	3.3	1.0	.2	1.0	3.7	1.0	1.1
November 1993	.1	1.7	.2	.2	.2	1.8	.2	1.2
District of Columbia								
December 1993	NA	.6	1.7	.1	NA	1.2	1.3	.5
November 1993	NA	.6	1.4	.3	NA	1.4	1.0	1.7
Maryland								
December 1993	.9	3.2	.9	.3	.9	3.4	.9	.9
November 1993	.5	2.1	.4	.2	.5	2.3	.5	1.1
New Jersey								
December 1993	.8	4.5	.8	.3	1.6	6.9	1.9	1.5
November 1993	.2	1.3	.4	.5	.7	1.7	1.0	2.5
New York								
December 1993	.5	2.4	.5	.2	.8	2.8	.8	.8
November 1993	.4	1.0	.4	.2	.6	1.2	.6	.7
Pennsylvania								
December 1993	.7	1.1	.6	.3	1.0	1.4	.9	1.3
November 1993	.4	.7	.4	.2	.6	1.0	.6	.9
Subdistrict IC Average								
December 1993	.4	2.5	.3	.3	.5	3.0	.5	1.1
November 1993	.4	.9	.4	.2	.6	1.1	.6	.7
Florida								
December 1993	.8	NA	.8	.6	1.4	NA	1.3	6.5
November 1993	.9	2.7	.9	.3	1.5	NA	1.5	3.3
Georgia								
December 1993	.8	2.5	.8	.5	1.2	2.6	1.2	2.0
November 1993	.8	1.4	.8	.4	1.1	1.7	1.1	1.3
North Carolina								
December 1993	.7	1.6	.6	.4	.8	2.1	.8	1.2
November 1993	.7	1.7	.7	.3	.9	1.8	.9	1.0
South Carolina								
December 1993	.8	1.6	.8	.5	1.3	1.7	1.1	1.4
November 1993	.8	2.6	.7	.4	1.3	3.2	1.0	1.2

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								
December 1993	0.7	1.5	0.7	0.2	0.9	1.8	0.9	1.0
November 1993	.5	1.1	.5	.2	.7	1.2	.7	1.2
West Virginia								
December 1993	.7	.8	.6	.2	1.9	1.5	1.8	.8
November 1993	.6	.5	.5	.3	1.0	.8	1.0	1.0
PAD District II Average								
December 1993	.3	.7	.3	.2	.5	.9	.4	.6
November 1993	.2	.5	.2	.1	.4	.6	.4	.5
Illinois								
December 1993	.9	1.4	.9	.4	1.6	1.5	1.5	1.4
November 1993	.8	1.1	.8	.2	1.4	1.1	1.3	1.0
Indiana								
December 1993	.5	1.5	.5	.6	.9	1.5	.8	1.5
November 1993	.5	1.3	.5	.5	.8	1.4	.7	1.3
Iowa								
December 1993	1.1	3.1	1.1	.6	1.4	3.2	1.3	1.9
November 1993	.8	1.4	.7	.3	.9	1.5	.8	.9
Kansas								
December 1993	.7	2.3	.6	.3	1.0	2.2	.9	1.0
November 1993	.4	1.5	.4	.3	.6	1.2	.6	1.0
Kentucky								
December 1993	1.3	3.4	1.4	.5	2.1	4.2	2.2	1.9
November 1993	1.3	3.4	1.3	.3	2.0	4.2	2.1	1.1
Michigan								
December 1993	.8	2.0	.8	.3	2.0	2.7	1.8	2.5
November 1993	.6	.8	.6	.2	1.4	1.4	1.3	1.1
Minnesota								
December 1993	.6	2.0	.6	1.1	1.2	2.0	1.1	2.1
November 1993	.6	1.3	.6	.4	1.2	1.3	1.1	.5
Missouri								
December 1993	.9	3.4	.9	1.2	1.3	4.1	1.3	3.3
November 1993	.8	1.1	.7	1.4	1.1	1.1	1.0	3.4
Nebraska								
December 1993	.8	2.8	.9	.4	1.0	3.0	1.1	1.0
November 1993	.6	3.0	.6	.3	.8	3.1	.8	.9
North Dakota								
December 1993	1.6	3.2	1.4	.6	1.6	3.2	1.4	1.9
November 1993	2.4	2.4	1.8	.5	2.5	2.4	1.8	1.3
Ohio								
December 1993	.5	1.1	.5	.2	1.4	1.8	1.3	1.0
November 1993	.4	1.1	.3	.2	1.1	1.7	1.0	.8
Oklahoma								
December 1993	1.0	1.1	.9	.3	1.5	1.4	1.4	1.9
November 1993	.7	1.1	.7	.2	1.1	1.1	1.1	1.4
South Dakota								
December 1993	2.3	2.1	1.9	.6	2.5	2.1	2.0	2.0
November 1993	1.5	1.8	1.2	.7	1.5	1.7	1.2	3.1
Tennessee								
December 1993	.7	4.4	.7	.4	1.2	5.7	1.2	2.2
November 1993	.6	1.8	.6	.4	1.0	2.2	1.0	2.1
Wisconsin								
December 1993	.4	1.5	.4	.4	.6	1.5	.6	1.0
November 1993	.5	1.2	.5	.3	.7	1.3	.7	.8
PAD District III Average								
December 1993	.5	1.2	.5	.4	.8	1.5	.8	2.1
November 1993	.4	1.0	.4	.3	.6	1.1	.6	1.3
Alabama								
December 1993	.7	2.6	.8	.9	.8	2.9	.9	3.1
November 1993	.5	1.8	.6	.7	.6	2.0	.7	2.2
Arkansas								
December 1993	2.4	2.8	2.2	.6	3.1	2.8	2.8	2.1
November 1993	1.3	3.0	1.3	.6	1.7	3.0	1.6	NA

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								
December 1993	1.8	2.8	2.1	0.6	2.7	4.1	2.9	3.0
November 1993	1.0	1.8	1.1	.4	1.7	1.9	1.7	1.7
Mississippi								
December 1993	2.0	3.0	1.7	.5	2.2	3.4	1.8	1.9
November 1993	1.6	2.5	1.5	.6	1.8	2.6	1.6	1.8
New Mexico								
December 1993	2.7	1.4	2.5	.4	3.6	1.6	3.2	2.1
November 1993	1.8	1.7	1.7	.5	2.5	1.8	2.2	1.9
Texas								
December 1993	.5	2.2	.5	.6	1.1	2.5	1.0	2.2
November 1993	.4	2.0	.4	.4	.9	2.3	.8	1.6
PAD District IV Average								
December 1993	.3	1.2	.3	.2	.5	1.3	.6	1.1
November 1993	.3	.8	.3	.1	.5	.9	.5	.6
Colorado								
December 1993	.3	2.3	.4	.2	.8	2.4	1.0	1.0
November 1993	.3	1.4	.4	.2	.8	1.4	.9	.8
Idaho								
December 1993	1.7	2.0	1.6	.3	1.7	2.3	1.6	NA
November 1993	1.1	1.7	1.0	.2	1.2	1.7	1.1	.8
Montana								
December 1993	.6	1.6	.7	.6	.7	1.7	.8	1.7
November 1993	1.0	.7	.8	.1	1.1	.7	.8	.4
Utah								
December 1993	.5	2.4	.5	.3	.9	1.0	.9	1.4
November 1993	.8	2.0	.8	.3	1.2	2.6	1.2	1.9
Wyoming								
December 1993	1.4	2.6	1.4	.9	1.7	2.6	1.7	3.4
November 1993	.7	2.4	.8	.5	.8	2.5	.9	2.0
PAD District V Average								
December 1993	.3	1.2	.3	.2	.7	1.5	.7	1.9
November 1993	.2	1.5	.3	.3	.6	1.9	.8	1.7
Alaska								
December 1993	.8	2.8	.8	.5	6.8	4.0	3.3	2.0
November 1993	.5	3.7	.7	.8	3.2	6.6	3.4	3.5
Arizona								
December 1993	.3	3.8	.5	.5	.5	4.5	.8	2.4
November 1993	.3	3.3	.4	.4	.5	4.0	.6	2.0
California								
December 1993	.5	2.0	.6	.3	2.2	2.2	2.0	2.8
November 1993	.4	2.1	.5	.4	1.6	2.6	1.7	1.9
Hawaii								
December 1993	.1	4.0	.3	.3	.1	4.6	.2	2.4
November 1993	.1	3.9	.2	.1	.1	4.2	.1	1.7
Nevada								
December 1993	1.1	2.1	1.3	.4	1.3	2.5	1.6	1.2
November 1993	1.4	2.2	1.5	.3	1.5	2.7	1.7	1.2
Oregon								
December 1993	1.3	2.1	1.4	.3	2.4	2.2	2.3	2.0
November 1993	.8	1.7	.8	.2	1.1	1.8	1.2	1.3
Washington								
December 1993	.3	3.2	.4	.2	.9	3.5	1.2	1.5
November 1993	.4	2.6	.4	.3	1.1	2.8	1.0	2.5

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

NA = Not available.

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

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

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

Geographic Area Month	Refiner/Reseller											
	Leaded Regular			Unleaded Regular			Unleaded Midgrade			Premium		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
U.S. Average												
December 1993	-	-	-	0.2	0.5	0.2	0.2	0.8	0.2	0.2	0.9	0.1
November 1993	-	-	-	.1	.4	.1	.2	.6	.1	.2	.6	.1
PAD District I Average												
December 1993	-	-	-	.3	1.0	.1	.3	1.4	.2	.3	1.8	.2
November 1993	-	-	-	.2	.5	.1	.3	.6	.1	.3	.9	.1
Subdistrict IA Average												
December 1993	-	-	-	.7	1.8	.1	.9	.9	.5	1.0	4.0	.2
November 1993	-	-	-	.5	1.8	.1	.8	.6	.2	.9	2.6	.2
Connecticut												
December 1993	-	-	-	1.3	1.6	.5	1.5	1.6	.3	1.5	2.3	.3
November 1993	-	-	-	1.0	1.0	.5	1.3	.9	.2	1.1	1.6	.3
Maine												
December 1993	-	-	-	.2	1.6	.2	.6	3.0	.3	1.1	4.6	.1
November 1993	-	-	-	.3	1.2	.2	.2	1.6	.2	.3	2.0	.2
Massachusetts												
December 1993	-	-	-	.9	2.1	.2	.9	1.6	.2	.7	5.8	.3
November 1993	-	-	-	.3	1.6	.1	.4	1.1	.1	.3	2.6	.2
New Hampshire												
December 1993	-	-	-	2.4	1.1	.6	1.6	2.4	4.9	1.2	1.9	2.5
November 1993	-	-	-	1.4	.4	.4	.9	.9	1.5	2.4	1.5	1.1
Rhode Island												
December 1993	-	-	-	3.1	1.0	.2	4.7	NA	.3	4.6	7.1	.4
November 1993	-	-	-	2.8	.7	.1	4.5	1.5	.1	4.4	4.8	.1
Vermont												
December 1993	-	-	-	.6	1.7	.3	.3	.4	.3	.5	1.4	.4
November 1993	-	-	-	.5	.9	.2	.3	.4	.2	.3	.6	.2
Subdistrict IB Average												
December 1993	-	-	-	.4	1.0	.1	.5	1.0	.2	.4	2.4	.2
November 1993	-	-	-	.3	.5	.1	.3	.6	.1	.3	.8	.2
Delaware												
December 1993	-	-	-	1.0	2.0	.2	1.1	3.7	.2	1.4	6.9	.2
November 1993	-	-	-	.1	1.0	.2	.3	1.9	.2	.1	3.4	.2
District of Columbia												
December 1993	-	-	-	NA	.8	.1	NA	.5	.1	NA	NA	.1
November 1993	-	-	-	NA	.8	.4	NA	.3	.2	NA	NA	.1
Maryland												
December 1993	-	-	-	.8	3.2	.3	1.2	2.5	.1	1.4	4.4	.2
November 1993	-	-	-	.4	2.1	.2	.7	1.4	.2	.8	3.2	.3
New Jersey												
December 1993	-	-	-	.8	3.6	.2	.5	4.4	.2	.5	6.4	.5
November 1993	-	-	-	.2	1.1	.4	.2	2.0	.1	.2	1.7	.8
New York												
December 1993	-	-	-	.5	1.7	.1	.4	1.2	.2	.6	5.5	.4
November 1993	-	-	-	.4	.9	.1	.2	1.6	.1	.4	1.5	.3
Pennsylvania												
December 1993	-	-	-	.6	.9	.3	.7	1.5	.7	.6	1.5	.3
November 1993	-	-	-	.3	.7	.2	.4	.8	.4	.4	1.0	.2
Subdistrict IC Average												
December 1993	-	-	-	.6	1.9	.2	.4	3.5	.3	.5	3.3	.3
November 1993	-	-	-	.4	.7	.1	.4	1.1	.2	.6	1.6	.2
Florida												
December 1993	-	-	-	1.4	NA	.6	.5	NA	.6	.5	NA	.6
November 1993	-	-	-	.8	2.1	.3	.7	2.7	.3	.7	5.3	.3
Georgia												
December 1993	-	-	-	.5	2.0	.4	1.2	3.7	.7	1.8	3.4	.6
November 1993	-	-	-	.5	1.1	.3	1.1	3.0	.5	1.8	2.2	.5
North Carolina												
December 1993	-	-	-	.5	1.3	.4	.7	1.9	.6	1.0	2.6	.5
November 1993	-	-	-	.6	1.1	.3	.7	1.3	.5	.9	2.4	.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												
December 1993	-	-	-	0.8	1.1	0.5	0.8	3.4	0.7	1.0	5.5	0.5
November 1993	-	-	-	.8	1.7	.4	.9	3.9	.6	1.0	3.7	.5
Virginia												
December 1993	-	-	-	.5	1.3	.2	.7	2.6	.2	.7	1.5	.2
November 1993	-	-	-	.4	.8	.2	.5	1.7	.3	.6	1.5	.2
West Virginia												
December 1993	-	-	-	.7	.7	.2	.9	1.1	.3	.8	.0	.4
November 1993	-	-	-	.6	.4	.3	.7	.8	.4	.6	.6	.6
PAD District II Average												
December 1993	-	-	-	.3	.7	.1	.3	1.3	.4	.3	1.2	.2
November 1993	-	-	-	.2	.5	.1	.2	1.0	.2	.3	.9	.2
Illinois												
December 1993	-	-	-	1.1	1.5	.5	.8	1.5	.4	.7	2.3	.3
November 1993	-	-	-	.9	1.2	.2	.8	1.5	.5	.7	2.1	.2
Indiana												
December 1993	-	-	-	.4	1.4	.6	.6	2.1	.7	.6	2.0	.6
November 1993	-	-	-	.4	1.4	.5	.5	1.5	.6	.7	1.5	.5
Iowa												
December 1993	-	-	-	1.0	3.4	.4	2.9	1.2	1.7	1.8	.6	.3
November 1993	-	-	-	.6	1.5	.2	1.3	1.9	1.7	1.5	2.7	.4
Kansas												
December 1993	-	-	-	.7	2.2	.2	1.2	2.2	1.9	.7	4.2	.3
November 1993	-	-	-	.4	1.4	.4	.7	2.3	.9	.7	2.8	.4
Kentucky												
December 1993	-	-	-	1.2	3.5	.5	1.6	4.0	.5	1.6	3.5	.6
November 1993	-	-	-	1.1	3.2	.3	1.4	3.8	.3	1.5	3.8	.5
Michigan												
December 1993	-	-	-	.8	2.7	.3	.5	2.2	.4	.6	.5	.4
November 1993	-	-	-	.6	.9	.2	.5	1.3	.2	.7	1.0	.2
Minnesota												
December 1993	-	-	-	.5	1.8	.6	2.0	2.1	1.7	.8	5.2	.7
November 1993	-	-	-	.6	1.3	.2	1.1	2.4	.7	.6	1.1	.4
Missouri												
December 1993	-	-	-	1.0	3.6	1.2	1.1	2.8	1.5	.9	2.6	1.1
November 1993	-	-	-	.7	1.2	1.3	1.1	2.7	1.9	1.1	1.3	1.3
Nebraska												
December 1993	-	-	-	.7	2.6	.3	.7	5.2	1.0	2.1	3.2	.1
November 1993	-	-	-	.7	3.0	.4	.8	3.1	.7	.8	3.0	.3
North Dakota												
December 1993	-	-	-	1.6	2.8	.7	2.0	6.7	.2	1.0	1.0	.5
November 1993	-	-	-	2.5	2.2	.5	2.5	3.7	.1	.7	.7	.2
Ohio												
December 1993	-	-	-	.4	.9	.2	.7	1.8	.2	.8	1.1	.2
November 1993	-	-	-	.3	.9	.2	.4	2.1	.2	.4	1.0	.2
Oklahoma												
December 1993	-	-	-	1.0	1.3	.2	1.0	3.8	1.4	1.1	1.8	.6
November 1993	-	-	-	.8	1.2	.2	.6	1.4	1.1	1.0	1.9	.4
South Dakota												
December 1993	-	-	-	2.7	1.4	.4	2.6	4.2	1.6	1.0	.6	1.4
November 1993	-	-	-	1.6	2.6	.7	2.5	3.2	.8	.9	.1	1.3
Tennessee												
December 1993	-	-	-	.4	1.8	.4	.6	NA	.6	.6	NA	.6
November 1993	-	-	-	.4	1.5	.3	.5	2.2	.6	.5	3.1	.6
Wisconsin												
December 1993	-	-	-	.5	1.5	.3	.5	4.2	.6	.6	2.8	.6
November 1993	-	-	-	.5	1.3	.3	.6	2.3	.2	.5	1.8	.3
PAD District III Average												
December 1993	-	-	-	.5	1.4	.3	.6	1.7	.4	.6	1.5	.3
November 1993	-	-	-	.3	1.2	.3	.4	1.4	.3	.4	1.2	.2

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												
December 1993	-	-	-	0.6	2.2	1.1	0.9	4.0	0.9	1.1	2.7	0.8
November 1993	-	-	-	.5	1.3	.8	.7	3.1	.9	.7	2.2	.7
Arkansas												
December 1993	-	-	-	2.4	3.2	.5	3.0	2.2	.6	1.9	2.7	.7
November 1993	-	-	-	1.1	3.2	.6	1.9	2.4	.5	1.3	2.9	.6
Louisiana												
December 1993	-	-	-	1.6	2.4	.4	1.6	4.4	.9	1.8	3.9	.7
November 1993	-	-	-	.9	1.7	.3	.8	3.5	.6	.9	2.6	.5
Mississippi												
December 1993	-	-	-	1.7	2.9	.5	2.1	4.9	.6	2.2	3.9	.5
November 1993	-	-	-	1.4	1.8	.7	1.5	5.2	.6	1.9	4.4	.7
New Mexico												
December 1993	-	-	-	2.6	1.4	.4	3.3	1.5	.4	4.0	2.4	.3
November 1993	-	-	-	1.8	1.8	.5	2.5	2.7	.4	2.4	3.0	.4
Texas												
December 1993	-	-	-	.6	2.7	.4	.5	2.3	.6	.4	2.7	.5
November 1993	-	-	-	.4	2.5	.3	.5	1.9	.5	.4	1.7	.4
PAD District IV Average												
December 1993	-	-	-	.3	1.3	.2	.1	2.6	.2	.3	1.3	.2
November 1993	-	-	-	.3	.8	.1	.3	2.5	.3	.3	1.6	.2
Colorado												
December 1993	-	-	-	.3	2.5	.3	.1	1.9	.2	.3	2.3	.2
November 1993	-	-	-	.3	1.5	.3	.3	1.1	.3	.3	1.7	.2
Idaho												
December 1993	-	-	-	1.5	2.1	.3	.4	NA	.1	3.1	1.8	.2
November 1993	-	-	-	.9	1.6	.2	.4	.2	.1	2.2	1.7	.1
Montana												
December 1993	-	-	-	.7	1.8	.6	NA	NA	NA	.5	1.2	.6
November 1993	-	-	-	1.1	.9	.1	2.7	NA	NA	.9	1.1	.1
Utah												
December 1993	-	-	-	.6	1.6	.3	.3	NA	.1	.4	1.8	.3
November 1993	-	-	-	1.1	.6	.3	.3	NA	.5	.7	3.2	.4
Wyoming												
December 1993	-	-	-	1.6	2.8	1.0	.4	-	3.5	.5	NA	.8
November 1993	-	-	-	.7	2.2	.5	.8	-	1.1	.7	4.5	.6
PAD District V Average												
December 1993	-	-	-	.3	1.2	.2	.6	2.0	.3	.3	1.7	.2
November 1993	-	-	-	.2	1.4	.2	.4	2.2	.3	.2	1.6	1.6
Alaska												
December 1993	-	-	-	.9	3.1	.5	-	NA	-	.6	1.7	.5
November 1993	-	-	-	.6	4.0	.8	-	NA	NA	.5	4.1	.6
Arizona												
December 1993	-	-	-	.2	3.9	.5	3.1	.1	.6	.6	4.6	.5
November 1993	-	-	-	.3	3.5	.4	2.6	1.2	.3	.4	3.8	.3
California												
December 1993	-	-	-	.6	2.0	.3	.7	2.5	.4	.4	2.1	.2
November 1993	-	-	-	.4	2.0	.3	.4	2.5	.3	.4	2.0	1.9
Hawaii												
December 1993	-	-	-	.1	4.1	.2	.1	1.7	.1	.1	4.9	.4
November 1993	-	-	-	.1	4.1	.2	.1	1.3	.1	.1	4.4	.1
Nevada												
December 1993	-	-	-	1.1	2.1	.3	.4	.4	.3	1.0	1.2	.2
November 1993	-	-	-	1.5	2.2	.2	.4	2.1	.3	1.5	2.8	.4
Oregon												
December 1993	-	-	-	1.3	2.2	.2	.9	NA	.3	1.0	2.8	.4
November 1993	-	-	-	.8	1.8	.2	.5	NA	NA	.5	1.9	.2
Washington												
December 1993	-	-	-	.3	3.4	.3	1.2	3.8	.1	.3	3.9	.3
November 1993	-	-	-	.5	2.5	.3	.3	NA	.3	.4	4.4	.2

^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							
December 1993	0.5	0.3	0.9	0.4	0.6	0.4	0.1
November 1993	.7	.4	.7	.3	.5	.4	.1
PAD District I Average							
December 1993	.7	.5	.7	.5	.9	.6	.1
November 1993	.8	.4	.5	.4	.7	.5	.1
Subdistrict IA Average							
December 1993	1.0	.9	1.3	.4	.5	.9	.2
November 1993	.9	.6	.7	.4	.5	.7	.1
Connecticut							
December 1993	2.7	2.2	3.4	1.9	3.8	2.2	.7
November 1993	2.2	1.1	1.6	1.2	2.2	1.5	.4
Maine							
December 1993	.9	.9	1.8	.2	.5	.7	.3
November 1993	.7	.7	2.4	.4	.3	.6	.2
Massachusetts							
December 1993	1.7	1.6	NA	.8	.6	1.9	.1
November 1993	1.8	1.3	.9	1.0	.5	1.6	.1
New Hampshire							
December 1993	1.1	2.0	5.1	1.2	.3	.9	.1
November 1993	1.1	1.2	2.7	.8	.2	.8	.1
Rhode Island							
December 1993	2.8	2.4	5.1	1.7	.1	2.5	.2
November 1993	2.5	1.4	2.0	.8	1.4	2.2	.1
Vermont							
December 1993	.8	.8	1.7	.4	1.4	.8	.2
November 1993	.8	.4	1.3	.5	1.9	.4	.1
Subdistrict IB Average							
December 1993	.7	.9	1.2	.7	1.4	.6	.1
November 1993	1.2	.6	.8	.6	.9	.9	.1
Delaware							
December 1993	NA	1.8	1.9	1.1	3.5	3.0	.5
November 1993	1.5	.8	1.1	.7	1.5	1.4	.1
District of Columbia							
December 1993	.3	1.6	NA	NA	.3	1.1	.0
November 1993	.1	1.6	NA	NA	1.7	1.3	.0
Maryland							
December 1993	1.3	1.3	2.8	.7	1.1	1.3	.2
November 1993	1.6	.8	2.0	1.1	1.6	.9	.3
New Jersey							
December 1993	1.7	1.6	.8	2.0	5.1	2.4	.1
November 1993	2.1	1.0	1.8	.7	3.8	2.3	.1
New York							
December 1993	1.3	2.0	2.3	1.4	1.2	1.0	.1
November 1993	2.2	1.6	1.2	2.3	.9	1.9	.1
Pennsylvania							
December 1993	1.1	1.3	2.5	.8	3.4	.9	.1
November 1993	1.1	.8	1.6	.4	1.8	.8	.2
Subdistrict IC Average							
December 1993	1.0	.7	1.0	.8	1.5	.8	.1
November 1993	1.7	.6	.8	.7	1.1	.5	.1
Virginia							
December 1993	.8	1.4	2.7	1.0	1.2	1.1	.2
November 1993	.7	1.3	1.4	.6	1.2	.6	.1
West Virginia							
December 1993	1.8	.6	.6	1.1	1.1	.7	.5
November 1993	1.3	.3	.6	1.0	.7	.4	.3
PAD District II Average							
December 1993	.8	.5	1.0	.5	.9	.6	.3
November 1993	.7	.8	1.1	.4	.6	.7	.5
Illinois							
December 1993	2.4	2.4	3.7	1.0	2.7	1.4	.3
November 1993	1.2	1.8	3.0	.6	1.8	1.4	.3

See footnotes at end of table.

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

Geographic Area Month	Sales to End Users						Sales for Resale
	To Residential Consumers ^b	To Commercial/ Institutional Consumers	To Industrial Consumers	Sales Through Company Outlets ^c	To Other End Users	Average	
Indiana							
December 1993	1.7	0.7	2.1	1.3	1.9	0.8	0.3
November 1993	1.1	1.5	3.6	.5	2.0	1.1	.2
Michigan							
December 1993	2.5	1.9	2.0	1.3	1.5	1.3	.6
November 1993	1.2	1.9	1.8	1.4	1.6	1.4	.5
Minnesota							
December 1993	1.7	2.1	5.7	3.1	3.4	1.4	1.9
November 1993	1.5	1.5	5.7	1.6	2.3	1.2	.8
Ohio							
December 1993	1.3	.5	.6	.5	2.9	1.0	.4
November 1993	2.0	.6	.8	.4	3.3	.9	.2
Wisconsin							
December 1993	2.3	3.4	2.7	1.0	2.0	1.1	.9
November 1993	2.0	3.1	2.3	.9	1.8	1.0	.3
PAD District III Average							
December 1993	1.1	.9	1.4	.8	1.6	.8	.1
November 1993	8.0	.6	.8	.9	1.2	.6	.1
PAD District IV Average							
December 1993	3.9	1.7	1.6	1.6	1.6	1.5	.1
November 1993	1.6	1.3	1.2	1.7	1.6	1.0	.2
Idaho							
December 1993	5.2	2.9	NA	5.8	1.5	2.7	.6
November 1993	2.1	2.0	2.1	6.0	1.9	2.1	.2
PAD District V Average							
December 1993	1.7	1.0	3.3	1.3	2.1	1.1	.2
November 1993	1.2	.9	2.1	.8	1.1	.7	.2
Alaska							
December 1993	1.7	NA	2.7	4.1	2.9	1.5	.6
November 1993	1.9	1.7	1.5	2.3	1.8	1.0	.1
Oregon							
December 1993	2.7	1.4	2.7	3.9	NA	2.9	.3
November 1993	2.2	.9	2.3	3.2	4.8	1.4	.6
Washington							
December 1993	2.4	1.2	4.5	.9	4.8	2.7	.1
November 1993	1.8	1.1	5.0	1.0	4.1	1.1	.2

^a Sales prices shown in Table 38.

^b No. 2 fuel oil only.

^c No. 2 diesel fuel only.

NA = Not available.

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

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

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

Geographic Area Month	Sales to End Users					Sales for Resale
	To Residential Consumers	To Commercial/ Institutional Consumers	To Industrial Consumers	To Other End Users	Average	
U.S. Average						
December 1993	0.5	0.9	0.9	1.0	0.4	0.1
November 1993	.7	.7	.6	1.0	.5	.1
PAD District I Average						
December 1993	.7	1.1	1.2	1.3	.5	.1
November 1993	.8	.9	.8	.9	.7	.1
Subdistrict IA Average						
December 1993	1.0	1.1	1.6	.3	.9	.2
November 1993	.9	.8	.9	.5	.8	.1
Connecticut						
December 1993	2.7	2.7	3.6	1.4	2.3	.9
November 1993	2.2	1.3	1.5	.6	1.7	.5
Maine						
December 1993	.9	.9	.9	.9	.7	.3
November 1993	.7	.8	1.4	1.8	.6	.3
Massachusetts						
December 1993	1.7	1.8	3.7	.4	1.5	.1
November 1993	1.8	1.6	2.1	.6	1.6	.1
New Hampshire						
December 1993	1.1	2.3	6.7	NA	1.0	.1
November 1993	1.1	1.3	3.8	NA	.9	.1
Rhode Island						
December 1993	2.8	3.5	1.6	NA	2.6	.2
November 1993	2.5	3.0	2.3	NA	2.3	.1
Vermont						
December 1993	.8	1.3	2.5	1.4	.7	.3
November 1993	.8	.4	1.8	6.1	.5	.2
Subdistrict IB Average						
December 1993	.7	1.9	1.4	2.4	.6	.1
November 1993	1.2	1.6	.9	1.5	1.1	.1
Delaware						
December 1993	NA	2.9	2.1	NA	3.8	.7
November 1993	1.5	1.1	.7	1.1	1.5	.2
District of Columbia						
December 1993	.3	.3	NA	NA	1.1	.0
November 1993	.1	1.0	NA	NA	1.3	.0
Maryland						
December 1993	1.3	1.5	2.4	.8	1.4	.2
November 1993	1.6	1.2	2.4	1.4	1.1	.4
New Jersey						
December 1993	1.7	4.3	.4	7.1	2.1	.1
November 1993	2.1	2.7	.4	4.8	2.2	.1
New York						
December 1993	1.3	3.6	3.2	.6	1.0	.1
November 1993	2.2	2.9	1.8	1.0	2.0	.2
Pennsylvania						
December 1993	1.1	2.5	3.4	6.0	1.0	.1
November 1993	1.1	1.9	2.0	4.4	1.0	.2
Subdistrict IC Average						
December 1993	1.0	2.7	3.0	1.6	1.5	.2
November 1993	1.7	2.2	2.1	1.6	1.3	.1
Virginia						
December 1993	.8	2.4	3.7	1.4	1.4	.1
November 1993	.7	1.8	1.9	1.5	.9	.1
West Virginia						
December 1993	1.8	.8	.6	.8	2.5	.1
November 1993	1.3	.5	.3	.5	1.2	.1
PAD District II Average						
December 1993	.8	.8	1.1	1.8	.7	.2
November 1993	.7	.6	1.3	2.4	.8	.1
Illinois						
December 1993	2.4	1.8	2.0	3.1	1.3	.1
November 1993	1.2	2.1	3.2	2.9	1.4	.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						
December 1993	1.7	0.8	3.5	3.9	1.3	0.4
November 1993	1.1	NA	1.7	4.4	1.1	.1
Michigan						
December 1993	2.5	2.5	1.2	3.2	2.0	.9
November 1993	1.2	1.7	3.1	2.7	2.0	.7
Minnesota						
December 1993	1.7	1.5	3.9	4.4	2.3	.4
November 1993	1.5	2.5	6.5	4.5	1.8	.3
Ohio						
December 1993	1.3	.4	1.1	.5	1.9	.1
November 1993	2.0	.1	1.4	.6	2.3	.1
Wisconsin						
December 1993	2.3	3.6	3.3	1.0	1.9	.4
November 1993	2.0	3.5	2.2	1.4	1.7	.3
PAD District III Average						
December 1993	1.1	1.2	5.2	NA	4.9	.2
November 1993	6.0	.5	NA	NA	.9	.1
PAD District IV Average						
December 1993	3.9	5.8	NA	7.7	3.2	.3
November 1993	1.6	3.6	NA	3.3	1.4	.7
Idaho						
December 1993	5.2	1.0	-	8.5	4.1	.0
November 1993	2.1	2.8	NA	.6	1.9	2.2
PAD District V Average						
December 1993	1.7	3.9	NA	2.6	2.0	.2
November 1993	1.2	1.8	1.0	1.0	1.2	.3
Alaska						
December 1993	1.7	6.1	9.6	1.2	1.7	.3
November 1993	1.9	5.4	9.6	1.0	1.7	.1
Oregon						
December 1993	2.7	4.2	NA	6.0	3.6	2.4
November 1993	2.2	2.8	NA	2.1	2.3	.4
Washington						
December 1993	2.4	3.4	1.0	4.0	2.6	.4
November 1993	1.8	1.9	.2	NA	1.8	1.7

^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,* 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						
December 1993	1.0	0.2	0.2	0.1	0.5	0.2
November 1993	.9	.5	.3	.1	.4	.2
PAD District I Average						
December 1993	1.0	.1	.4	.1	.6	.1
November 1993	.8	.1	.2	.1	.5	.1
Subdistrict IA Average						
December 1993	.2	.0	.6	.0	.2	.0
November 1993	.1	.0	.2	.0	.1	.0
Connecticut						
December 1993	.0	.0	.9	-	1.0	.0
November 1993	.2	NA	4.6	-	1.0	NA
Maine						
December 1993	.1	NA	.0	.0	.1	.0
November 1993	.1	.0	.0	.0	.1	.0
Massachusetts						
December 1993	.3	.0	.5	.0	.2	.0
November 1993	.1	.0	.1	NA	.1	.0
New Hampshire						
December 1993	.0	NA	.0	NA	.0	NA
November 1993	.0	-	.0	NA	.0	NA
Rhode Island						
December 1993	.0	NA	NA	-	.0	NA
November 1993	.0	NA	NA	-	.0	NA
Subdistrict IB Average						
December 1993	1.5	.1	1.2	.1	1.2	.1
November 1993	1.1	.1	.6	.4	.9	.2
Delaware						
December 1993	.3	NA	.1	NA	.3	.1
November 1993	.1	NA	.1	NA	.1	.6
Maryland						
December 1993	NA	NA	.1	NA	.1	NA
November 1993	.1	NA	.1	.0	.1	NA
New Jersey						
December 1993	.1	.2	.1	.0	.1	.1
November 1993	.1	.3	.0	.5	.1	.3
New York						
December 1993	2.1	.1	1.6	.0	1.8	.1
November 1993	1.2	.1	.9	.1	1.2	.1
Pennsylvania						
December 1993	1.1	.1	.1	.0	.8	.1
November 1993	1.6	.0	.0	.0	.9	.0
Subdistrict IC Average						
December 1993	.1	NA	.3	.1	.3	.1
November 1993	.2	NA	.2	.0	.2	.0
Florida						
December 1993	.1	NA	.2	NA	.4	.0
November 1993	.1	NA	.2	NA	.3	.0
Georgia						
December 1993	-	-	.1	NA	.1	NA
November 1993	-	-	.1	.0	.1	.0
North Carolina						
December 1993	NA	-	.1	.7	.2	.7
November 1993	NA	-	.0	.0	.0	.0
South Carolina						
December 1993	NA	-	NA	NA	NA	NA
November 1993	NA	-	NA	NA	NA	NA
Virginia						
December 1993	.1	NA	.1	.0	.1	.0
November 1993	.4	NA	.2	.0	.2	.0
PAD District II Average						
December 1993	.7	.1	.4	.3	.4	.2
November 1993	.8	.2	.5	.1	.5	.1

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						
December 1993	0.8	NA	NA	0.0	0.8	0.0
November 1993	.0	NA	NA	.0	.0	.0
Indiana						
December 1993	.0	NA	0.0	NA	.0	.0
November 1993	.0	NA	.0	NA	.0	NA
Michigan						
December 1993	1.0	NA	2.5	.0	1.0	.0
November 1993	.7	NA	1.9	.0	1.3	.0
Minnesota						
December 1993	NA	NA	.0	NA	.0	NA
November 1993	NA	NA	.0	NA	.0	NA
Ohio						
December 1993	.5	NA	NA	NA	.9	NA
November 1993	.0	NA	.0	NA	.0	NA
PAD District III Average						
December 1993	NA	0.8	.4	.1	.4	.5
November 1993	NA	1.2	.5	.4	.4	.3
Alabama						
December 1993	-	NA	NA	NA	NA	NA
November 1993	-	NA	NA	NA	NA	NA
Louisiana						
December 1993	NA	1.3	.6	.1	.5	.8
November 1993	NA	NA	.8	.3	.6	.5
Mississippi						
December 1993	-	NA	.1	NA	.1	5.1
November 1993	-	NA	.1	NA	.1	NA
Texas						
December 1993	NA	.1	.8	NA	.8	.2
November 1993	-	.5	.1	.5	.1	.3
PAD District IV Average						
December 1993	NA	.0	.1	.0	.1	.0
November 1993	NA	NA	.0	.0	.0	.0
PAD District V Average						
December 1993	1.5	.2	.2	.1	.4	.1
November 1993	.7	.1	.1	.1	.1	.1
California						
December 1993	NA	.2	.1	.1	1.3	.1
November 1993	NA	.1	.1	.1	.3	.1
Hawaii						
December 1993	NA	NA	.0	NA	.0	.0
November 1993	NA	-	.0	NA	.0	NA
Oregon						
December 1993	NA	-	.0	NA	.1	NA
November 1993	NA	-	.0	NA	.1	NA
Washington						
December 1993	NA	-	.6	NA	.6	NA
November 1993	NA	-	.2	.0	.2	.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	
	December 1993	November 1993	December 1993	November 1993	December 1993	November 1993
U.S. Average	95.9	98.6	82.0	88.0	98.0	98.3
PAD District I Average	96.0	98.7	81.6	88.6	97.9	98.5
Subdistrict IA Average	97.0	99.0	78.3	87.5	96.8	98.1
Connecticut	100.0	100.0	81.8	89.9	92.5	100.0
Maine	93.3	100.0	77.6	88.6	96.9	97.0
Massachusetts	100.0	100.0	77.9	85.6	100.0	97.5
New Hampshire	100.0	100.0	73.1	82.3	97.3	100.0
Rhode Island	100.0	94.4	76.1	84.8	100.0	100.0
Vermont	87.5	100.0	84.2	96.5	94.7	100.0
Subdistrict IB Average	95.4	98.0	81.5	88.6	98.9	98.9
Delaware	100.0	100.0	76.8	92.7	100.0	100.0
District of Columbia	100.0	100.0	82.8	76.7	100.0	100.0
Maryland	100.0	100.0	79.8	89.3	100.0	100.0
New Jersey	90.0	96.5	77.2	82.8	96.5	98.2
New York	90.3	93.5	85.8	90.8	100.0	98.5
Pennsylvania	97.4	100.0	82.5	90.6	98.4	98.3
Subdistrict IC Average	95.9	99.0	84.5	89.7	97.7	97.7
Florida	93.9	100.0	83.5	90.6	98.1	98.0
Georgia	91.7	100.0	88.9	91.2	98.0	97.9
North Carolina	97.2	97.1	84.8	87.3	96.5	96.4
South Carolina	96.7	96.7	84.8	89.5	97.8	97.8
Virginia	97.4	100.0	81.1	88.1	96.8	96.7
West Virginia	100.0	100.0	85.9	93.6	100.0	100.0
PAD District II Average	95.7	99.4	83.4	88.3	98.0	98.0
Illinois	94.6	97.2	81.9	87.4	98.1	98.3
Indiana	93.9	100.0	85.6	92.3	98.1	98.1
Iowa	93.8	100.0	84.0	87.9	98.0	98.1
Kansas	97.4	100.0	84.7	89.6	98.1	98.1
Kentucky	100.0	100.0	80.7	87.9	100.0	100.0
Michigan	92.3	100.0	79.2	85.4	97.8	97.8
Minnesota	93.8	97.0	83.2	88.1	95.1	97.6
Missouri	94.6	100.0	83.5	85.6	98.2	98.1
Nebraska	96.3	100.0	87.5	88.6	97.2	97.4
North Dakota	96.1	100.0	88.1	91.8	96.9	93.8
Ohio	97.2	100.0	85.8	89.8	100.0	100.0
Oklahoma	97.7	100.0	83.6	89.6	98.1	98.1
South Dakota	96.5	100.0	76.3	84.2	97.3	97.3
Tennessee	94.1	100.0	80.8	87.8	98.0	98.0
Wisconsin	96.7	96.5	86.4	88.9	97.6	97.5
PAD District III Average	96.6	98.1	82.4	87.6	97.6	97.6
Alabama	97.4	97.4	85.1	93.5	97.9	95.8
Arkansas	96.9	100.0	83.8	85.3	97.7	97.8
Louisiana	94.0	100.0	81.7	89.8	96.7	98.4
Mississippi	97.6	95.2	81.6	82.3	96.1	96.1
New Mexico	100.0	96.5	80.0	84.7	100.0	100.0
Texas	95.8	98.6	81.8	87.8	97.8	97.8
PAD District IV Average	95.4	99.1	81.6	87.8	99.3	98.7
Colorado	96.9	100.0	88.1	90.8	97.7	97.8
Idaho	93.3	100.0	72.7	82.8	100.0	100.0
Montana	92.3	92.8	79.6	92.0	100.0	100.0
Utah	92.0	100.0	79.3	82.8	100.0	100.0
Wyoming	100.0	100.0	87.3	91.1	100.0	97.1
PAD District V Average	95.0	95.9	78.0	85.0	97.8	99.5
Alaska	91.7	92.3	87.5	81.8	100.0	100.0
Arizona	100.0	96.4	89.1	90.9	97.4	100.0
California	94.4	97.2	75.7	83.3	95.4	97.8
Hawaii	85.7	100.0	88.9	100.0	100.0	100.0
Nevada	94.7	89.5	82.7	92.0	96.3	100.0
Oregon	95.0	95.4	70.1	82.6	100.0	100.0
Washington	94.7	100.0	72.5	81.3	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,

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

Where

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

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

N = total number of population units,

n = number of sampled units,

$\sum_R$ = summation across current month respondents,

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

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

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

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

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

where

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

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

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

Analogously, revenue formulas are expressed by replacing $\hat{V}_t$, $V_{i,t}$, and $V_{i,t-1}$ in (1) and (2) with $\hat{Q}_t$, $Q_{i,t}$, $Q_{i,t}$, 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 "Back-ground," 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,

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

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	18.40	24.40	13.00	Mississippi ⁴	18.40	18.40	18.40
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	25.68	25.68	25.68
Alaska	8.00	8.00	8.00	Nebraska	23.80	23.80	23.80
Arizona	22.00	19.00	22.00	Nevada ⁴	23.60	27.60	23.60
Arkansas	18.70	18.70	18.70	New Hampshire	18.80	18.80	18.80
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	23.00	19.00	23.00
Connecticut ³	29.00	18.00	28.00	New York ^{3 4}	22.89	24.89	22.89
Delaware	19.00	19.00	19.00	North Carolina	22.25	22.25	22.25
District of Columbia ³ ..	20.00	20.00	20.00	North Dakota	17.25	17.25	17.25
Florida ⁴	11.80	11.80	11.80	Ohio	22.00	22.00	22.00
Georgia ^{3 4}	7.60	7.60	7.60	Oklahoma	17.00	14.00	17.00
Hawaii ^{3 4}	16.00	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	28.00	28.00	28.00
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	20.00	20.00	19.00
Kansas	18.02	20.02	18.02	Tennessee	21.40	18.40	21.40
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	24.25	23.50	Virginia ³	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	20.50	20.50	20.50
Minnesota ³	20.00	20.00	18.00	Wisconsin	25.40	25.40	25.40
				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 July 1, 1993.

² The Federal tax on motor gasoline and diesel fuel increased 4.3 cents, to 18.4 and 24.4 cents, respectively, on October 1, 1993.

³ Additional State taxes are levied as follows: California: 7.25-8.25 percent sales tax; Connecticut: 5 percent gross earnings tax; District of Columbia: 6 percent sales tax on No. 2 fuel oil; 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: 3.1 percent motor gasoline, 4 percent diesel for off-road use; Michigan: 4 percent sales tax; Minnesota: clean-up fund rate of 1.5 - 2.0 cents /per gallon based on storage size; 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 (LOTS) are allowed. In Florida, the State assesses a State Comprehensive Enhanced Transportation System (SCETS) tax of two-thirds the county rate (of 1 to 6 cents per gallon) in addition to the regular excise tax. In Hawaii, LOTS are as follows: Honolulu: 16.5 cents per gallon; Maui: 9.0 cents per gallon; Hawaii: 8.8 cents per gallon; Kauai: 10.0 cents per gallon.

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 1992 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	68.3	68.4	-0.1	94.1	94.2	-0.1	29.3	28.8	0.5
February	67.4	67.6	-.2	94.0	94.2	-.2	28.0	27.7	.3
March	68.3	68.5	-.2	93.0	93.2	-.2	27.9	27.7	.2
April	72.1	72.1	.0	92.3	92.5	-.2	29.7	29.6	.1
May	77.4	77.4	.0	92.4	92.3	.1	33.4	33.4	.0
June	80.4	80.5	-.1	92.4	92.0	.4	34.5	34.5	.0
July	79.4	79.4	.0	90.4	90.4	.0	36.7	36.7	.0
August	78.3	78.3	.0	88.5	88.6	-.1	38.9	38.8	.1
September	78.4	78.4	.0	90.1	90.1	.0	37.7	37.5	.2
October	77.4	77.4	.0	93.9	93.7	.2	39.2	39.2	.0
November	76.6	76.6	.0	94.7	94.8	-.1	39.4	39.4	.0
December	73.3	73.3	.0	94.5	94.5	.0	36.2	36.2	.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, 1992*.

Table EN4. Revision Error in Selected 1992 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	7,689	7,735	-0.6	3,423	3,399	0.7	843	881	-4.5
February	7,328	7,332	-.1	2,965	2,960	.2	763	809	-6.0
March	8,029	8,046	-.2	3,123	3,095	.9	770	814	-5.7
April	8,191	8,144	.6	3,041	3,026	.5	632	685	-8.4
May	8,384	8,355	.3	2,829	2,799	1.1	572	604	-5.6
June	8,208	8,150	.7	2,791	2,771	.7	610	646	-5.9
July	8,499	8,458	.5	2,830	2,798	1.1	626	650	-3.8
August	8,277	8,241	.4	2,818	2,790	1.0	588	585	.5
September	8,048	8,048	.0	3,157	3,163	-.2	605	601	.7
October	8,254	8,264	-.1	3,141	3,141	.0	611	610	.2
November	7,730	7,828	-1.3	2,946	2,989	-1.5	620	620	.0
December	8,556	8,550	.1	3,549	3,547	.1	676	689	-1.9

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, 1992*.

Table EN5. Revision Error in Selected Volumes of 1992 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	9,635	9,593	0.4	4,643	4,612	0.7	1,680	1,699	-1.1
February	9,205	9,183	.2	4,056	4,019	.9	1,524	1,511	.9
March	10,076	10,032	.4	4,278	4,247	.7	1,516	1,578	-4.1
April	10,076	10,111	-.3	4,064	4,057	.2	1,481	1,481	.0
May	10,346	10,360	-.1	3,730	3,723	.2	1,288	1,288	.0
June	10,157	10,149	.1	3,639	3,649	-.3	1,318	1,318	.0
July	10,568	10,568	.0	3,723	3,715	.2	1,349	1,348	.1
August	10,262	10,257	.0	3,681	3,680	.0	1,070	1,067	.3
September	9,830	9,830	.0	3,903	3,896	.2	1,157	1,145	1.0
October	10,361	10,353	.1	4,201	4,195	.1	1,257	1,247	.8
November	9,680	9,656	.2	3,906	3,920	-.4	1,234	1,238	-.3
December	10,409	10,317	.9	4,541	4,518	.5	1,352	1,352	.0

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, 1992*.

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. 1992 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	16.76	16.80	-0.04	15.98	16.10	-0.12	16.42	16.50	-0.08
February	16.48	16.54	-.06	16.17	16.00	.17	16.35	16.30	.05
March	16.81	16.71	.10	16.36	16.36	.00	16.62	16.56	.06
April	17.89	17.88	.00	17.37	17.37	.00	17.66	17.66	.00
May	18.86	18.86	.00	18.79	18.79	.00	18.83	18.83	.00
June	20.02	20.13	-.11	19.63	19.83	-.20	19.84	19.99	-.15
July	20.42	20.42	.00	19.74	19.74	.00	20.10	20.10	.00
August	19.84	19.84	.00	19.25	19.25	.00	19.56	19.56	.00
September	19.88	19.88	.00	19.26	19.26	.00	19.59	19.59	.00
October	19.64	19.64	.00	19.22	19.34	-.12	19.44	19.49	-.05
November	18.81	18.90	-.09	18.37	18.40	-.03	18.60	18.66	-.06
December	17.85	17.85	.00	16.94	16.94	.00	17.43	17.43	.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*, 1992.

Table EN7. 1992 Revision Error: Form EIA-182¹
(Dollars per Barrel)

Month	Preliminary	Final	Difference
January	13.94	13.99	-0.05
February	13.98	14.04	-.06
March	14.12	14.12	.00
April	15.37	15.36	.01
May	16.42	16.38	.04
June	17.98	17.96	.02
July	17.80	17.80	.00
August	17.09	17.07	.02
September	17.19	17.20	-.01
October	17.16	17.16	.00
November	16.03	16.00	.03
December	14.93	14.94	-.01

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*, 1992.

Table EN8. 1992 Revision Error: Form EIA-856¹
(Dollars per Barrel)

Month	FOB Cost of Imports			Landed Cost of Imports		
	Preliminary	Final	Difference	Preliminary	Final	Difference
January	14.15	14.32	-0.17	15.14	15.28	-0.14
February	14.36	14.68	-.32	15.30	15.60	-.30
March	14.64	14.96	-.32	15.64	16.00	-.36
April	16.13	16.57	-.44	16.85	17.40	-.55
May	17.27	17.56	-.29	18.09	18.38	-.29
June	18.36	18.38	-.02	19.42	19.44	-.02
July	17.94	18.01	-.07	19.08	19.13	-.05
August	17.61	17.65	-.04	18.63	18.74	-.11
September	18.01	18.04	-.03	18.88	18.90	-.02
October	17.80	17.68	.12	18.90	18.75	.15
November	16.45	16.49	-.04	17.79	17.64	.15
December	15.49	15.62	-.13	16.48	16.58	-.10

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, 1992*.

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	36, 37, 38	45	--
-with detailed sales type data			--
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	39	--	--
-with detailed sales type data			--
U.S. and State	--	--	49

Product Guide

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

-- = Not applicable

Glossary

Glossary

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

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

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

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

Barrel: One barrel of crude oil contains 42 gallons.

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

Commercial/Institutional: Firms engaged in transportation, wholesale or retail trade, finance, insurance, and real estate. Also included are apartment buildings/complexes and other multifamily dwellings, hotels and office buildings or complexes, local, State, or Federal facilities or organizations including the military, schools, hospitals, religious institutions, universities, and all other Government-supported organizations.

Company Outlet: Any retail outlet (e.g., service station) selling gasoline or diesel fuel that is under the direct control of the company filing this report by virtue of the ability to set the retail product price and directly collect all or part of the retail margin. This category includes retail outlets: (1) being operated by salaried employees of the company and/or its subsidiaries and affiliates, and/or (2) involving personnel services contracted by the company.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

PAD District: Petroleum Administration for Defense Districts

PAD District I:

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

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

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

PAD District II:

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

PAD District III:

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

PAD District IV:

Colorado, Idaho, Montana, Utah, Wyoming.

PAD District V:

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

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

Propane, Consumer Grade: A normally gaseous paraffinic compound (C₃H₈), which includes all products covered by Natural Gas Policy Act (NGPA) Specifications for commercial use and HD-5 propane and ASTM Specification D 1835. Excludes feedstock propanes, which are propanes not classified as consumer grade propanes, including the propane portion of any natural gas liquids (NGL) mixes; i.e., butane-propane mix.

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

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

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

Reseller/Retailer: A firm (other than a refiner) that carries on the trade or business activities of both a reseller and a retailer; i.e., purchasing refined petroleum products and reselling them without substantially changing their form to purchasers who may be either ultimate or other than ultimate consumers.

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

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

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

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

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

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

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

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

Unit Price: Total revenue derived from the sale of product during the reference month divided by the

total volume sold; also known as the weighted average price. Total revenue excludes all taxes but includes transportation costs that were paid as part of the purchase price.

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

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

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